

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

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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

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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
Permitted 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

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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
SWMU 113	Overflows from Bldg 11-36 Collection System/Sump	3		D&D /	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 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
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

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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
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

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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
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

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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
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

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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
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

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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
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

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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
SWMU 5-10	Drainage Ditches near the Old Sewage Treatment Plant	2	2005	Excavation	Y	N	N
SWMU 5-14	Drainage Ditch from Zone 11 to Playa 2	2	2005	N	Y	N	N
SWMU 53	Temporary High Explosives Burning Ground	2	2005	Excavation	Y	N	N

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

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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
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

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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
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

*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.

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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. 2020 SEPTS flow data was recorded in the I-Historian software and average hourly flow rates were downloaded from the I-Historian database. The total flow discussed in Chapter 2 is based on the influent flow volume which is easily calibrated and closely tracked. Because flow rates and operational status of the well is recorded hourly rather than each minute, there will be some inconsistencies between the total calculated flow from the wells vs. the influent flow into the system. These well flow calculations provide a basis for understanding the flow rate for each well, the amount of downtime, and allows for tracking of pumping rates for the wells. Changes in these rates can trigger maintenance at the wells.

B.1. P1PTS Flow Volumes

The P1PTS system was in its twelfth full year of operation. The system only operated one week per quarter to allow the SEPTS to be fully operated, with a few exceptions. P1PTS was shut down in response to COVID-19, and was restarted after plans were put in place to ensure worker safety. The system was operated for a longer period of time after restart from COVID-19 shutdown, due to lower flow rates from SEPTS due to wells that were inoperable.

Table B-1 presents a summary of well operation by month. This shows the number of days a well pumped all or part of the day.

Table 2 presents the downtime contributors. Pumping was primarily affected by shutdown to allow SEPTS to operate fully, loss of paging system, and COVID-19 shutdown. 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 due to the loss of the irrigation system, which required water to be released to Playa 1. Flow to Playa 1 is restricted by permit.

Table B-1. Days Operated per Month for P1PTS Wells

Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	2019 Well % Operation
PTX06-EW-69	5	0	8	0	0	0	0	0	0	0	0	0	13	4%
PTX06-EW-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
PTX06-EW-71	5	0	8	0	0	0	25	3	4	0	0	0	45	12%
PTX06-EW-72	5	0	8	0	0	0	25	28	4	0	5	0	75	21%
PTX06-EW-73	5	0	8	0	0	0	25	28	4	0	5	0	75	21%
PTX06-EW-74	5	0	8	0	0	0	25	28	4	0	5	0	75	21%
PTX06-EW-75	5	0	8	0	0	0	25	28	4	0	5	0	75	21%
PTX06-EW-78A	5	0	8	0	0	0	25	28	4	0	5	0	75	21%
PTX06-EW-79	5	0	8	0	0	0	25	28	4	0	5	0	75	21%
PTX06-EW-80	5	0	8	0	0	0	25	28	4	0	5	0	75	21%
PTX06-EW-81	0	0	0	0	0	0	25	28	4	0	5	0	62	17%

Table B-2. P1PTS Well Downtime Contributors

Month	Operational Contributor	Well Contributions	# Wells Affected
January	SEPTS operation	EW-70	1
February	SEPTS operation	None	NA
March	SEPTS operation	EW-70	1
April	COVID-19 Shutdown	None	NA
May	COVID-19 Shutdown	None	NA
June	COVID-19 Shutdown	None	NA
July	Playa 1 Release Restriction	EW-69 EW-70	2
August	Playa 1 Release Restriction	EW-69 EW-70	2
September	SEPTS operation, paging issues	EW-69 EW-70	2
October	SEPTS operation, paging issues	None	NA
November	SEPTS operation, paging issues	EW-69 EW-70	2
December	SEPTS operation, paging issues	None	NA

B.2. SEPTS Flow Volumes

The SEPTS has been operating since 1995 when it started as a treatability study. It has been expanded to become a corrective action for the southeastern portion of the perched groundwater plumes.

Table B-3 presents a summary of well operation time by month and the pumping priority for the well. Operation of the system was affected by COVID-19 shutdown, miscellaneous maintenance, carbon change-outs, paging issues, 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 Chapter 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 Chapter 2). During 2020, needed well repairs impacted flow heavily after the COVID-19 shutdown. As wells were repaired and came online, prioritization of pumping was required again. Due to decline in water levels, future pumping is expected to be impacted and pumping prioritization will no longer be required.

Table 4 provides a summary of well downtime contributions by month. Review of system logs indicates that the largest contributors to well downtime were various operational issues with individual wells, power losses, low water levels, and well prioritization. Repairs impacted flow in July, August, and early September such that P1PTS was operated. After repairs were completed at some of the wells, P1PTS was shut down and SEPTS was operated fully. PTX06-EW-58, which demonstrated issues with pumping in the past due to stress cracks from about 8 ft bgs to 168 ft bgs, was repaired in late 2020. Pantex lined the casing with smaller pipe and will continue operating the well until it fails. PTX06-EW-10 and PTX06-EW-51 were shutdown later in 2020 due to the increasing concentrations of perchlorate observed at the wells. These wells are shut down until a perchlorate pre-treatment system is designed and installed. The new wells east of FM 2373, PTX060-EW-83 through PTX06-EW-88, were down after the COVID-19 shutdown due to loss of electrical service from damage from agricultural equipment. Several high priority wells are not operating due to low water levels. Injection was started in July 2017 after the break at the filter bank and is expected to continue until the irrigation system repairs are completed in 2021. Pantex has evaluated other options for release of treated water and plans to complete two projects to ensure long-term consistent operation of the systems. The options are discussed in Section 2.

Table B-3. Days Operated per Month for SEPTS Wells

Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	2017 Well %	
														Operation	Priority
PTX06-EW-01	24	29	22	8	0	6	30	27	28	28	29	31	262	72%	7
PTX06-EW-02	24	29	22	8	0	6	30	27	28	28	29	31	262	72%	7

Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017 Well %			
													Total	Operation	Priority	
PTX06-EW-03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	7
PTX06-EW-04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	1
PTX06-EW-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	1
PTX06-EW-09	0	0	0	0	0	0	0	0	0	22	0	31	53	15%	4	
PTX06-EW-10	0	0	0	0	0	0	0	0	0	18	0	0	18	5%	2	
PTX06-EW-12	0	0	0	0	0	6	30	28	28	28	29	31	180	49%	1	
PTX06-EW-15	24	29	22	8	0	6	30	28	28	28	7	31	241	66%	6	
PTX06-EW-16	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	1	
PTX06-EW-17	24	29	22	8	0	0	0	0	0	0	0	0	83	23%	1	
PTX06-EW-18	0	0	0	0	0	6	30	28	28	28	0	0	120	33%	1	
PTX06-EW-19	0	0	0	0	0	6	30	0	0	0	0	0	36	10%	1	
PTX06-EW-20	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	7	
PTX06-EW-22	24	29	22	8	0	6	30	28	28	7	7	0	189	52%	7	
PTX06-EW-23	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	5	
PTX06-EW-24	0	0	0	0	0	6	30	28	28	28	29	31	180	49%	7	
PTX06-EW-25	0	0	0	0	0	0	0	0	13	22	0	0	35	10%	7	
PTX06-EW-26	0	0	0	0	0	0	0	0	13	22	0	31	66	18%	5	
PTX06-EW-27	0	0	0	0	0	6	30	28	28	28	29	31	180	49%	1	
PTX06-EW-28	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	6	
PTX06-EW-29	24	29	22	8	0	6	30	28	28	28	7	31	241	66%	7	
PTX06-EW-30	0	0	0	0	0	6	30	28	28	28	29	31	180	49%	5	
PTX06-EW-31	0	0	0	0	0	0	0	0	13	22	0	31	66	18%	5	
PTX06-EW-32	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	3	
PTX06-EW-33	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	3	
PTX06-EW-34	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	3	
PTX06-EW-35	24	29	22	8	0	6	30	0	0	0	0	0	119	33%	1	
PTX06-EW-36	0	0	0	0	0	6	30	0	0	22	0	31	89	24%	3	
PTX06-EW-37	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	4	
PTX06-EW-38	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	4	
PTX06-EW-39	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	4	
PTX06-EW-40	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	4	
PTX06-EW-41	0	0	0	0	0	6	30	28	28	28	29	31	180	49%	5	
PTX06-EW-42	0	0	0	0	0	0	0	0	0	22	0	31	53	15%	3	
PTX06-EW-43	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	3	
PTX06-EW-44	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	3	
PTX06-EW-45	0	0	0	0	0	6	30	28	28	28	29	31	180	49%	3	
PTX06-EW-46	0	0	0	0	0	0	0	0	0	22	0	31	53	15%	3	
PTX06-EW-48	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	3	
PTX06-EW-49	0	0	0	0	0	6	30	28	28	28	29	31	180	49%	7	
PTX06-EW-50	24	29	22	8	0	6	30	28	28	28	29	31	263	72%	1	

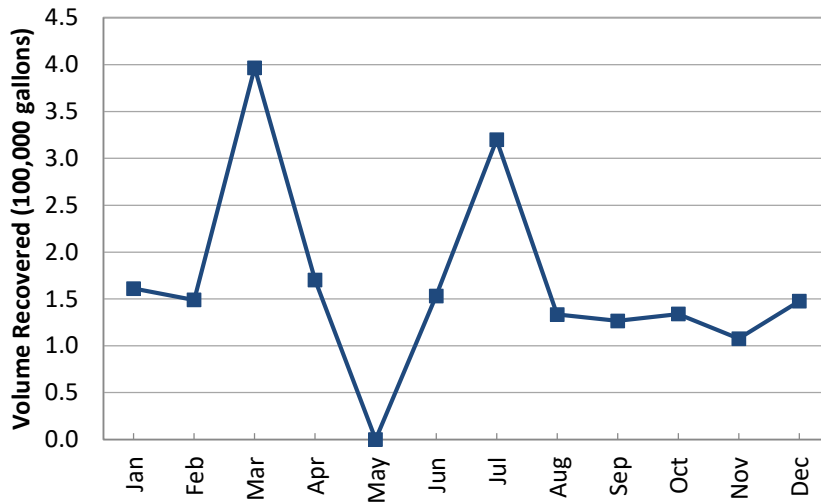
Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017 Well %		
													Total	Operation	Priority
PTX06-EW-51	0	0	0	0	0	6	30	28	28	5	0	0	97	27%	2
PTX06-EW-53	31	29	22	8	0	6	30	28	28	7	0	0	189	52%	1
PTX06-EW-54	0	0	0	0	0	6	30	28	28	28	29	31	180	49%	1
PTX06-EW-55	31	29	22	8	0	6	30	28	7	28	0	0	189	52%	1
PTX06-EW-56	31	29	22	8	0	6	30	28	28	28	29	31	270	74%	1
PTX06-EW-57	31	29	22	8	0	6	30	28	28	28	29	31	270	74%	1
PTX06-EW-58	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	7
PTX06-EW-59	30	29	21	8	0	6	30	0	12	22	0	30	188	52%	7
PTX06-EW-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	7
PTX06-EW-61	30	29	21	8	0	6	30	0	12	28	29	30	223	61%	7
PTX06-EW-62	30	29	21	8	0	6	30	0	12	28	29	30	223	61%	7
PTX06-EW-63	30	29	21	8	0	0	0	0	12	28	29	30	187	51%	7
PTX06-EW-64	0	0	0	0	0	0	0	0	12	28	29	30	99	27%	7
PTX06-EW-65	30	29	21	8	0	6	30	13	7	28	0	0	172	47%	7
PTX06-EW-66	30	29	21	8	0	6	30	27	27	7	29	30	244	67%	7
PTX06-EW-67	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	2
PTX06-EW-68	30	29	21	8	0	0	30	27	27	22	0	0	194	53%	2
PTX06-EW-83	30	29	21	8	0	0	0	0	0	0	0	0	88	24%	1
PTX06-EW-84	30	29	21	8	0	0	0	0	0	0	0	0	88	24%	1
PTX06-EW-85	30	29	21	8	0	0	0	0	0	0	0	0	88	24%	1
PTX06-EW-86	30	29	21	8	0	0	0	0	0	0	0	0	88	24%	1
PTX06-EW-87	31	29	22	8	0	0	0	0	0	0	0	0	90	25%	1
PTX06-EW-88	31	29	22	8	0	0	0	0	0	0	0	0	90	25%	1

Table B-4. SEPTS Well Downtime Contributors

Month	Operational Contributor	Well Contributions
Jan	High pressure alarm	NA
Feb	Carbon exchange	NA
Mar	Building painting	NA
Apr	COVID-19 shutdown	NA
May	COVID-19 shutdown	NA
Jun	COVID-19 shutdown	NA
Jul	Computer failure	Multiple well repairs
Aug	Alarm Issues	Multiple well repairs
Sep	Paging Issues	Multiple well repairs
Oct	Power failure	NA
Nov	Paging issues	NA
Dec	None	NA

Southeast Pump and Treat System
PTX06-EW-1

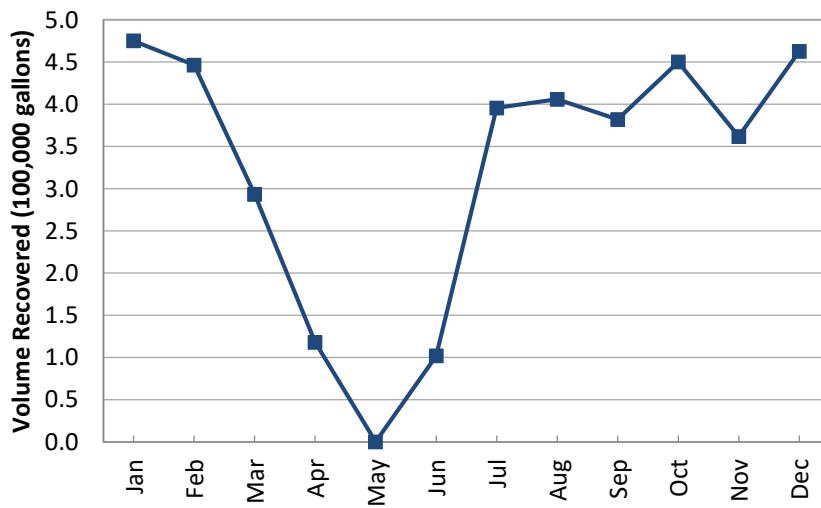
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	161,127
Feb	148,854
Mar	396,626
Apr	169,997
May	0
Jun	153,275
Jul	319,741
Aug	133,458
Sep	126,631
Oct	133,878
Nov	107,554
Dec	147,491
Total	1,998,632

PTX06-EW-2

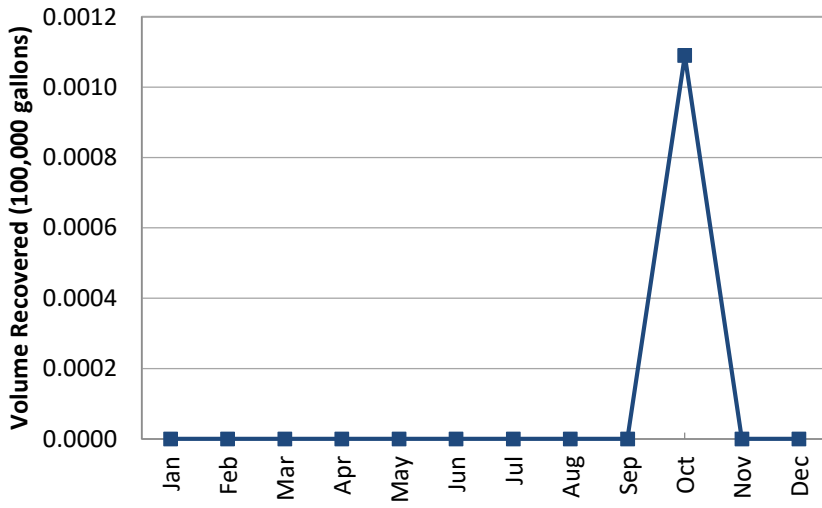
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	475,000
Feb	446,498
Mar	293,320
Apr	117,999
May	0
Jun	101,812
Jul	395,706
Aug	405,820
Sep	382,101
Oct	449,990
Nov	361,901
Dec	462,552
Total	3,892,699

PTX06-EW-3

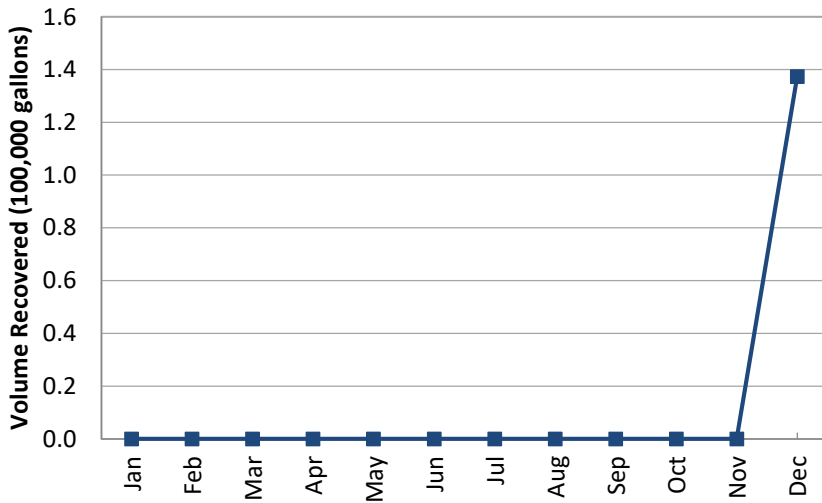
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	109
Nov	0
Dec	0
Total	109

PTX06-EW-4

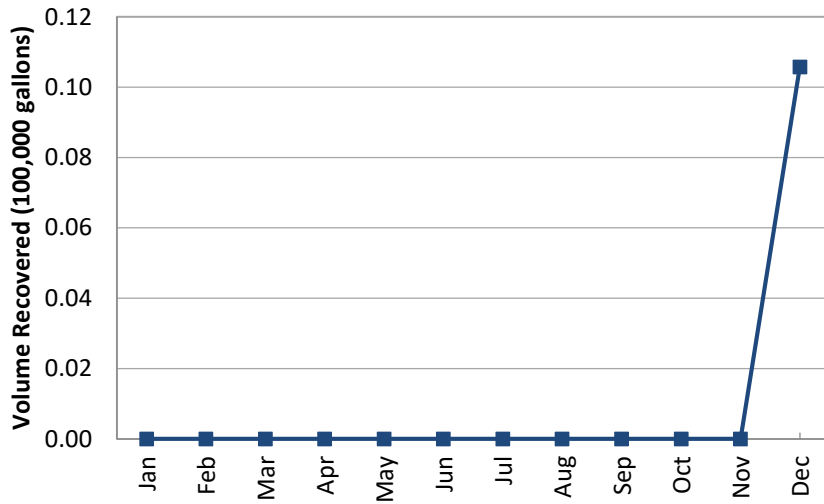
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	137,352
Total	137,352

PTX06-EW-7

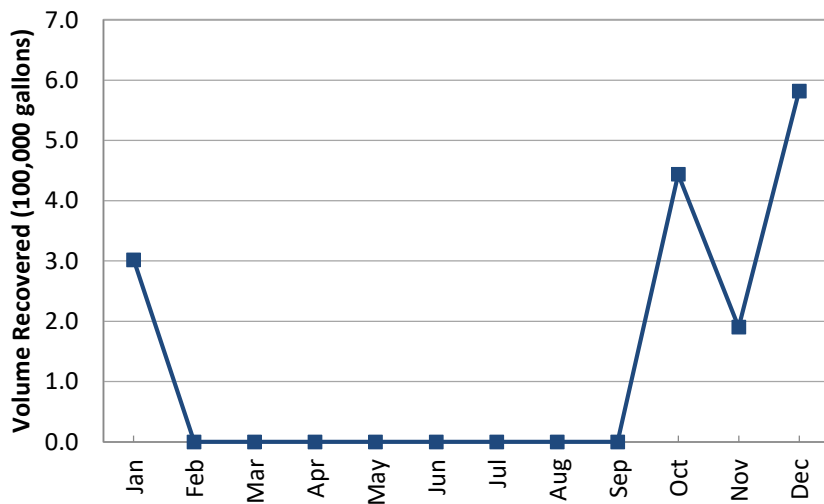
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	10,576
Total	10,576

PTX06-EW-9

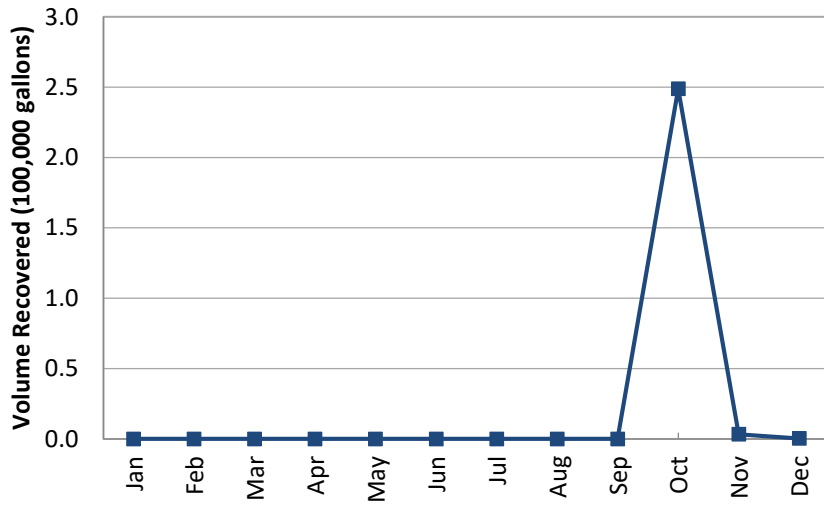
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	301,906
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	443,897
Nov	190,367
Dec	582,066
Total	1,518,236

PTX06-EW-10

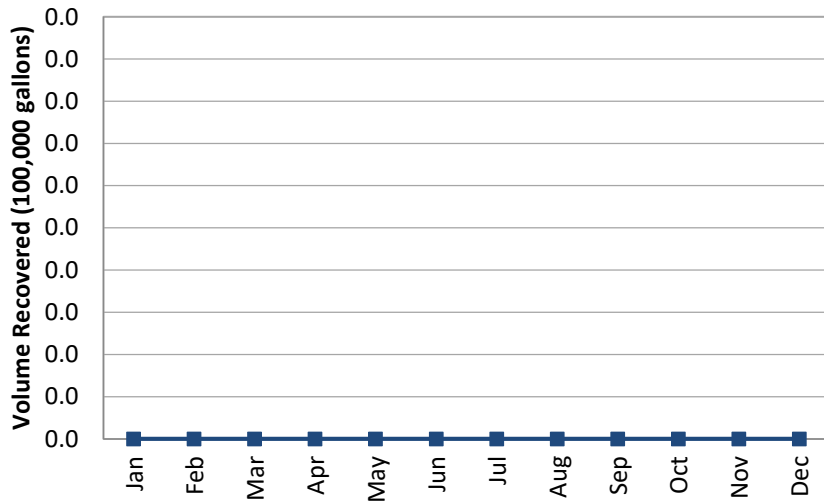
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	248,861
Nov	3,335
Dec	413
Total	252,609

PTX06-EW-12

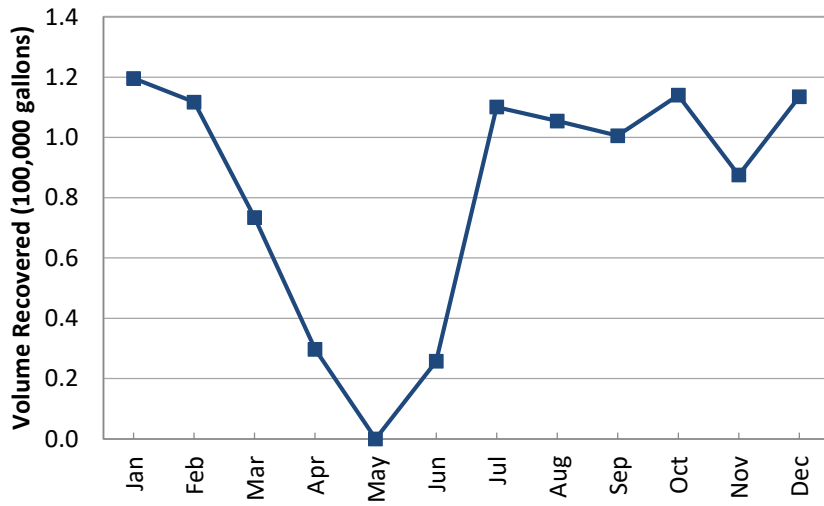
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
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

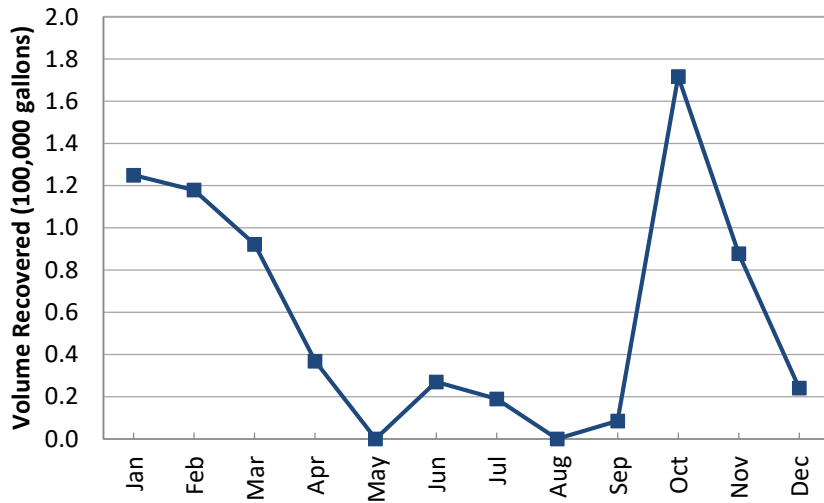
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	119,600
Feb	111,747
Mar	73,409
Apr	29,716
May	0
Jun	25,752
Jul	110,092
Aug	105,466
Sep	100,626
Oct	114,035
Nov	87,496
Dec	113,513
Total	991,452

PTX06-EW-16

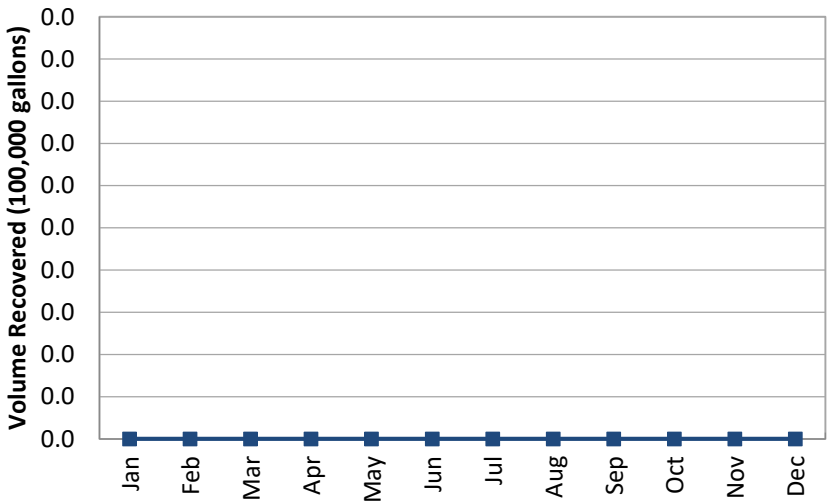
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	124,919
Feb	117,862
Mar	92,219
Apr	36,875
May	0
Jun	26,978
Jul	19,011
Aug	0
Sep	8,513
Oct	171,752
Nov	87,794
Dec	24,105
Total	710,028

PTX06-EW-17

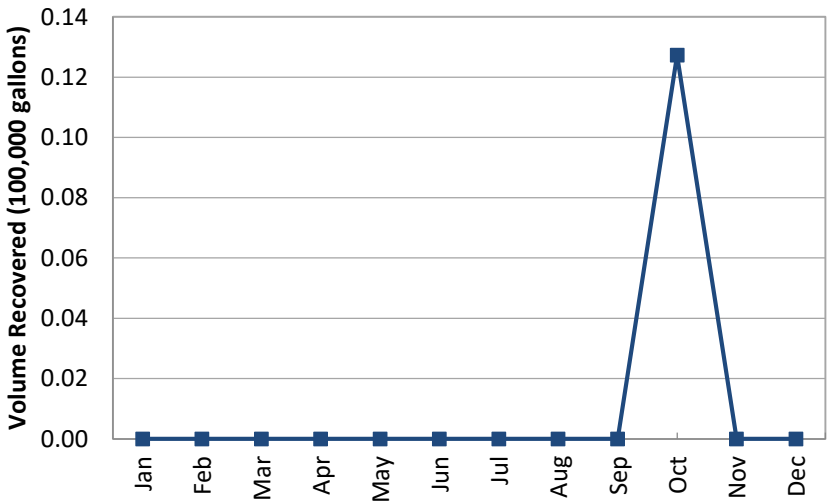
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
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-18

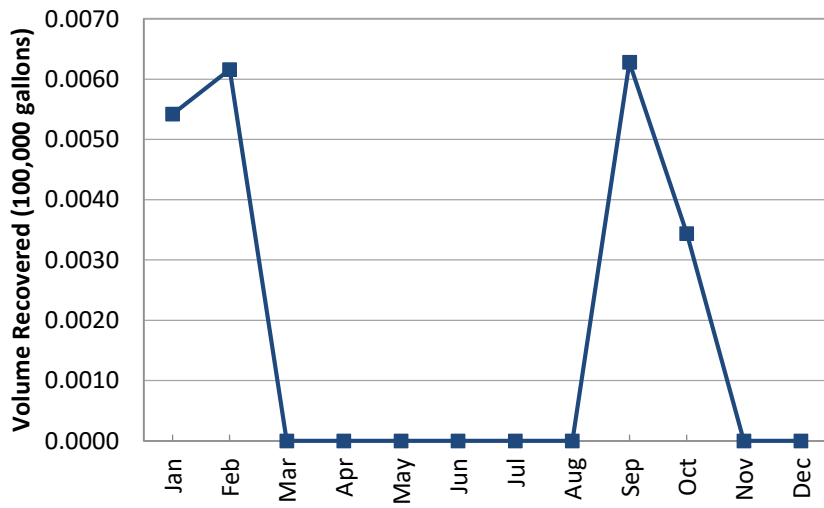
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	12,730
Nov	0
Dec	0
Total	12,730

PTX06-EW-19

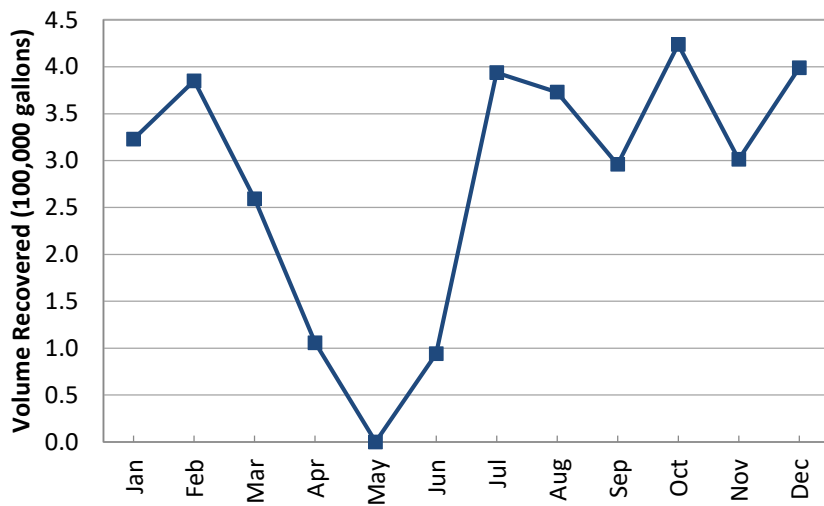
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	542
Feb	616
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	628
Oct	344
Nov	0
Dec	0
Total	2,130

PTX06-EW-20

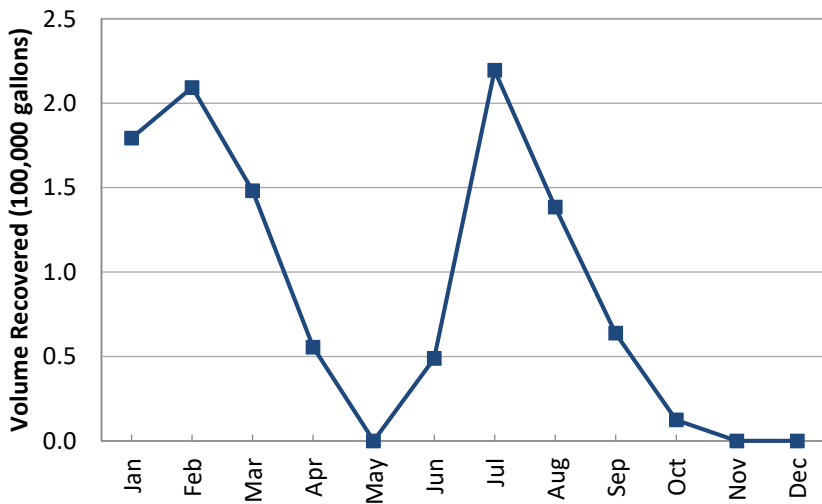
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	323,066
Feb	385,151
Mar	259,118
Apr	105,756
May	0
Jun	94,021
Jul	393,743
Aug	372,958
Sep	295,910
Oct	423,864
Nov	301,337
Dec	398,867
Total	3,353,791

PTX06-EW-22

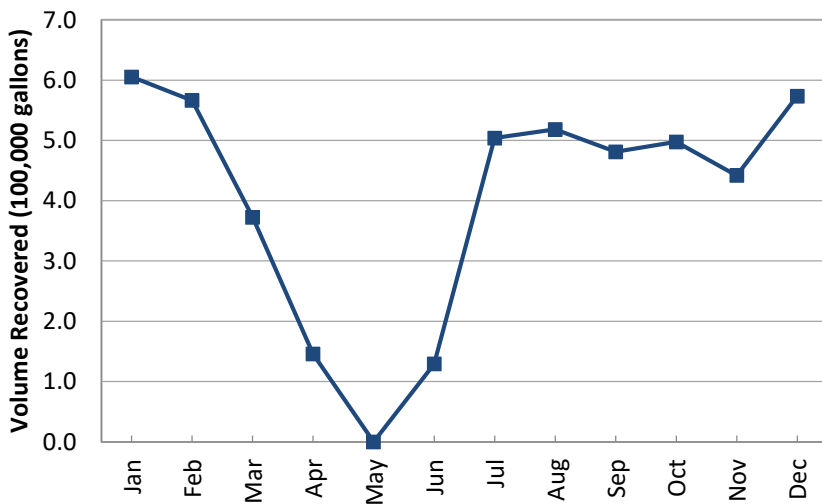
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	179,434
Feb	209,353
Mar	148,142
Apr	55,580
May	0
Jun	48,866
Jul	219,556
Aug	138,560
Sep	63,758
Oct	12,501
Nov	0
Dec	0
Total	1,075,750

PTX06-EW-23

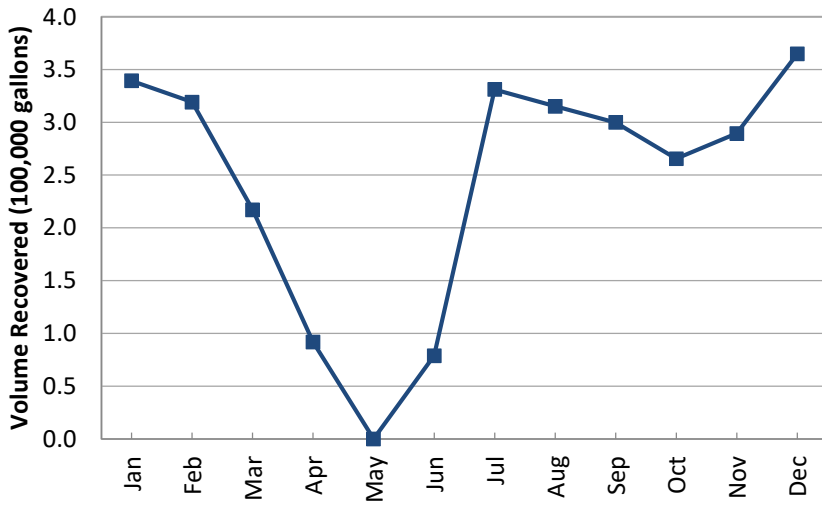
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	605,525
Feb	566,498
Mar	372,579
Apr	145,745
May	0
Jun	129,217
Jul	504,029
Aug	518,469
Sep	481,344
Oct	497,715
Nov	441,783
Dec	573,635
Total	4,836,539

PTX06-EW-24

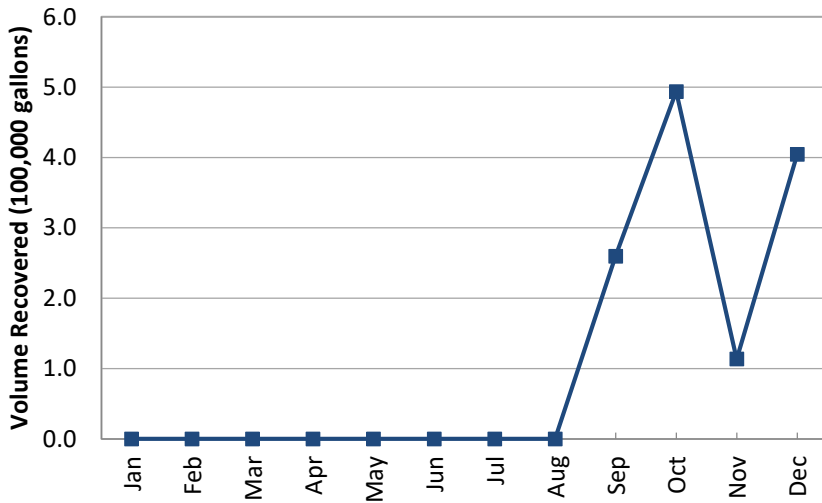
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	339,460
Feb	319,341
Mar	217,145
Apr	91,731
May	0
Jun	78,922
Jul	331,308
Aug	315,362
Sep	300,096
Oct	265,641
Nov	289,563
Dec	364,888
Total	2,913,457

PTX06-EW-25

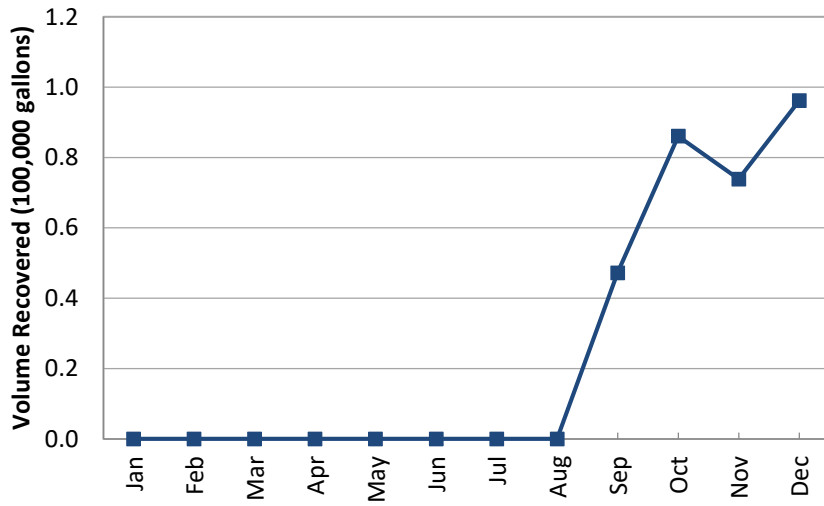
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	259,735
Oct	493,827
Nov	113,623
Dec	404,645
Total	1,271,830

PTX06-EW-26

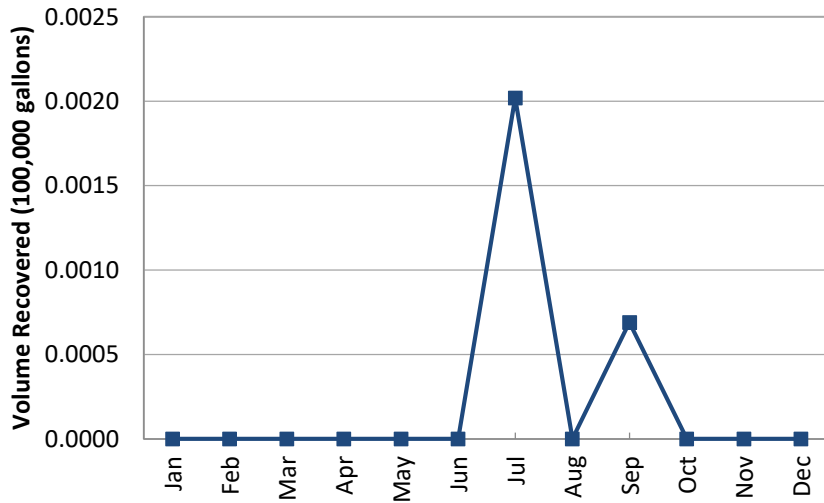
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	47,235
Oct	86,090
Nov	73,860
Dec	96,172
Total	303,357

PTX06-EW-27

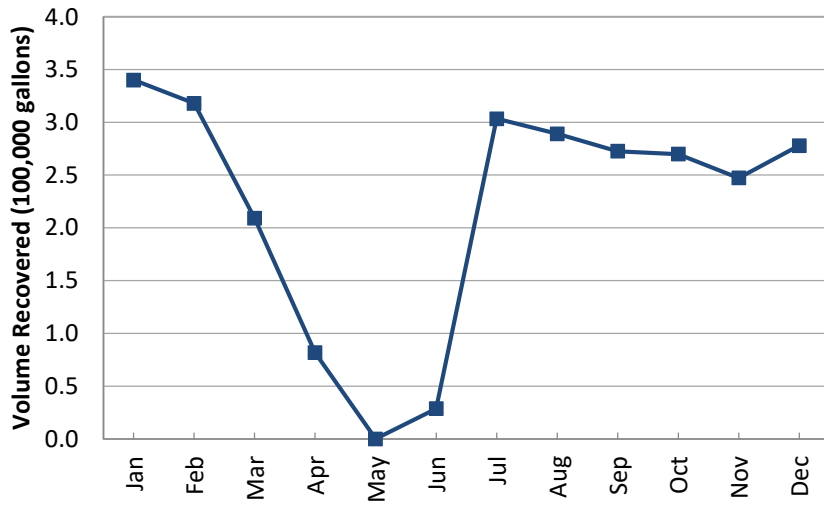
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	202
Aug	0
Sep	69
Oct	0
Nov	0
Dec	0
Total	271

PTX06-EW-28

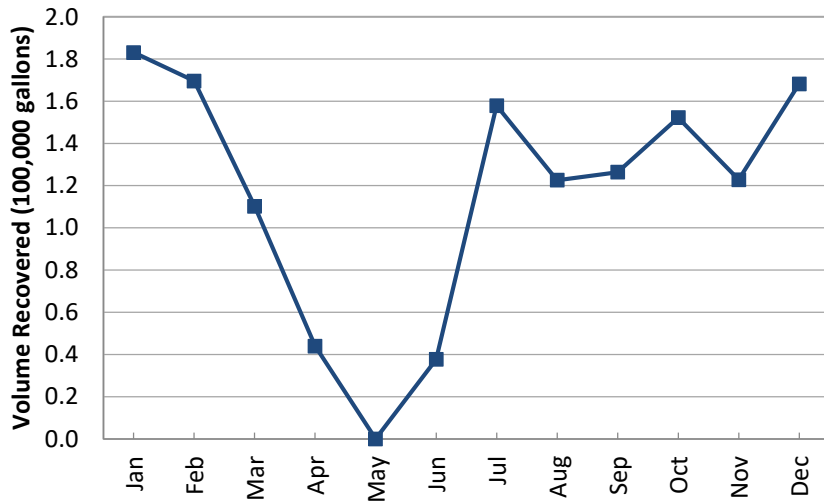
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	340,263
Feb	318,001
Mar	209,129
Apr	81,796
May	0
Jun	28,719
Jul	303,459
Aug	289,246
Sep	272,798
Oct	270,086
Nov	247,252
Dec	278,020
Total	2,638,769

PTX06-EW-29

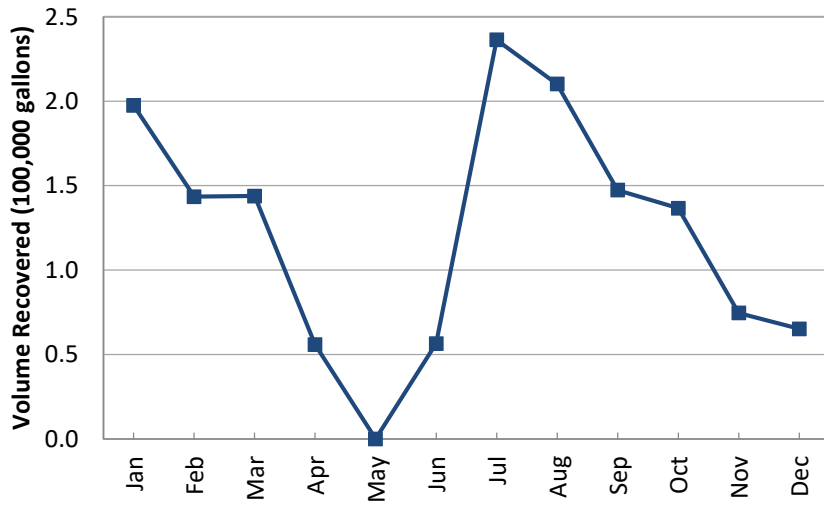
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	183,152
Feb	169,622
Mar	110,197
Apr	43,960
May	0
Jun	37,682
Jul	158,006
Aug	122,560
Sep	126,400
Oct	152,290
Nov	122,781
Dec	168,271
Total	1,394,921

PTX06-EW-30

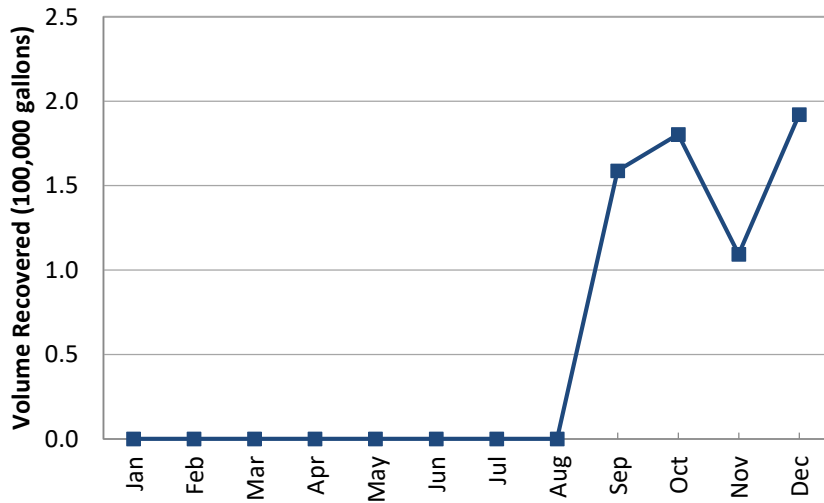
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	197,519
Feb	143,492
Mar	143,891
Apr	55,794
May	0
Jun	56,508
Jul	236,367
Aug	210,287
Sep	147,348
Oct	136,622
Nov	74,636
Dec	65,245
Total	1,467,709

PTX06-EW-31

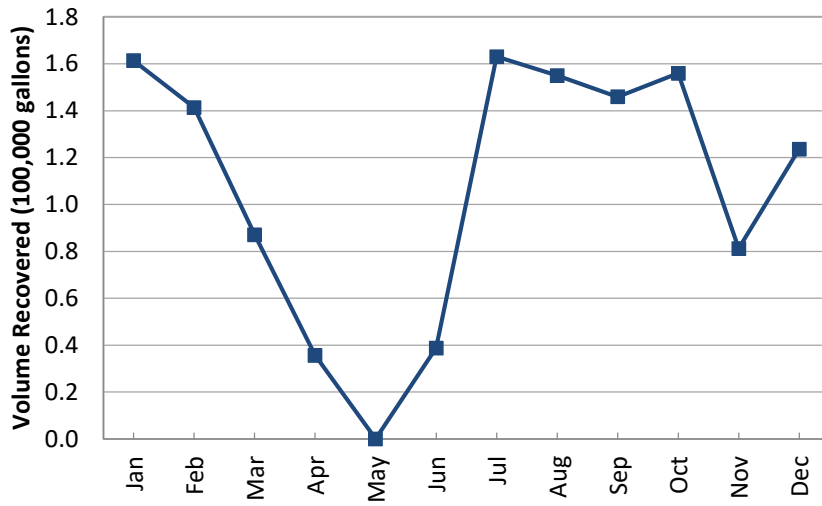
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	158,838
Oct	180,379
Nov	109,351
Dec	192,182
Total	640,750

PTX06-EW-32

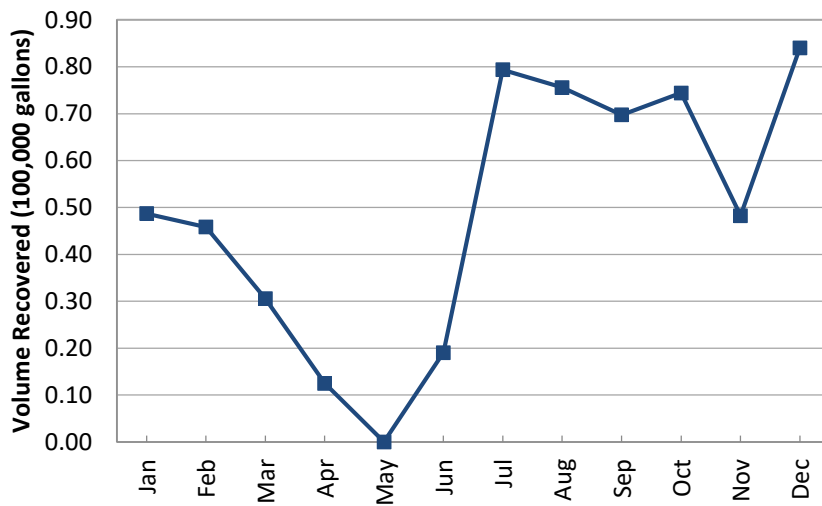
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	161,360
Feb	141,364
Mar	87,069
Apr	35,635
May	0
Jun	38,774
Jul	163,064
Aug	155,024
Sep	145,920
Oct	155,923
Nov	81,215
Dec	123,651
Total	1,288,999

PTX06-EW-33

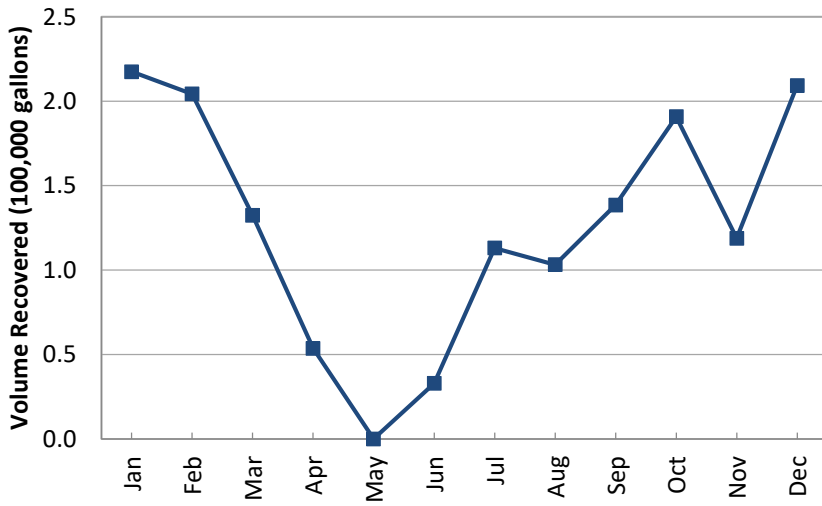
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	48,696
Feb	45,807
Mar	30,582
Apr	12,495
May	0
Jun	19,047
Jul	79,366
Aug	75,586
Sep	69,762
Oct	74,417
Nov	48,247
Dec	84,004
Total	588,009

PTX06-EW-34

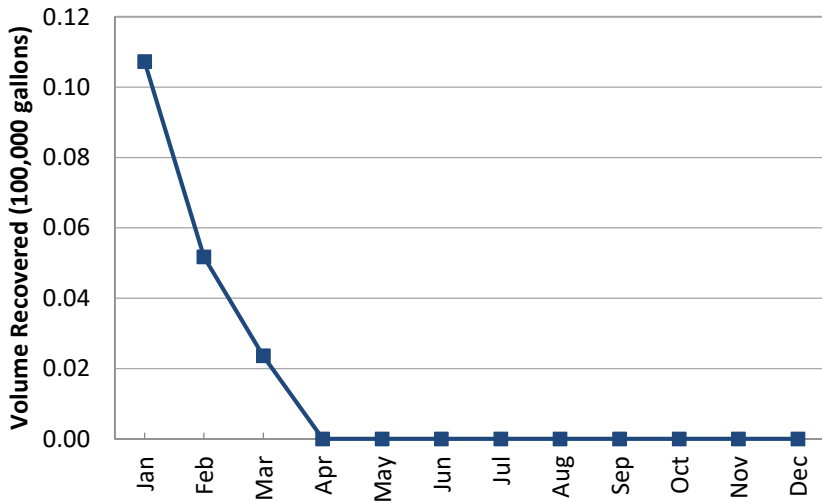
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	217,566
Feb	204,385
Mar	132,425
Apr	53,638
May	0
Jun	32,869
Jul	113,056
Aug	103,214
Sep	138,529
Oct	190,899
Nov	118,843
Dec	209,364
Total	1,514,788

PTX06-EW-35

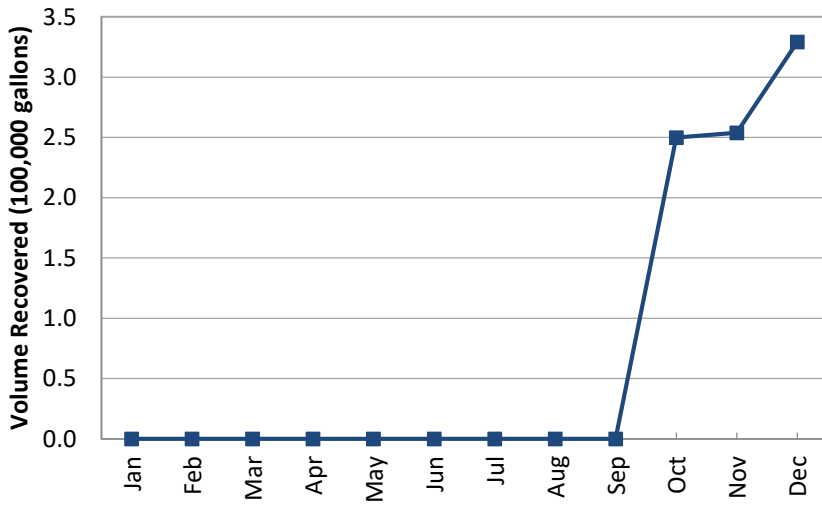
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	10,734
Feb	5,174
Mar	2,364
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	18,272

PTX06-EW-36

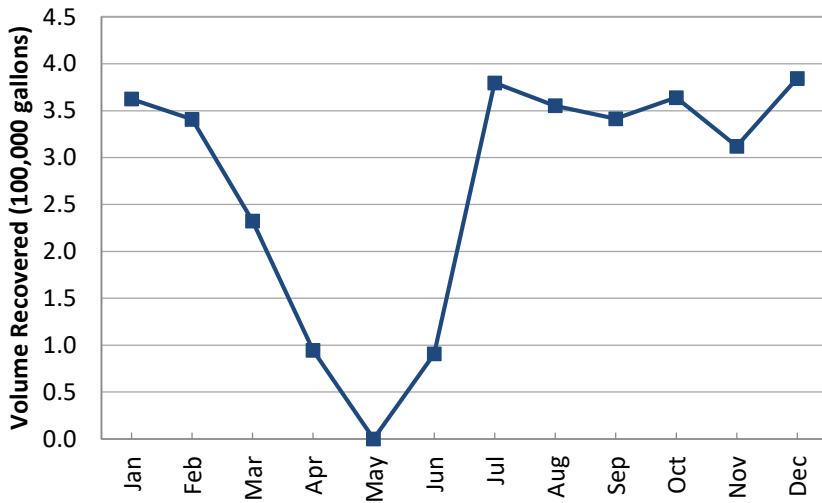
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	249,861
Nov	253,935
Dec	329,050
Total	832,846

PTX06-EW-37

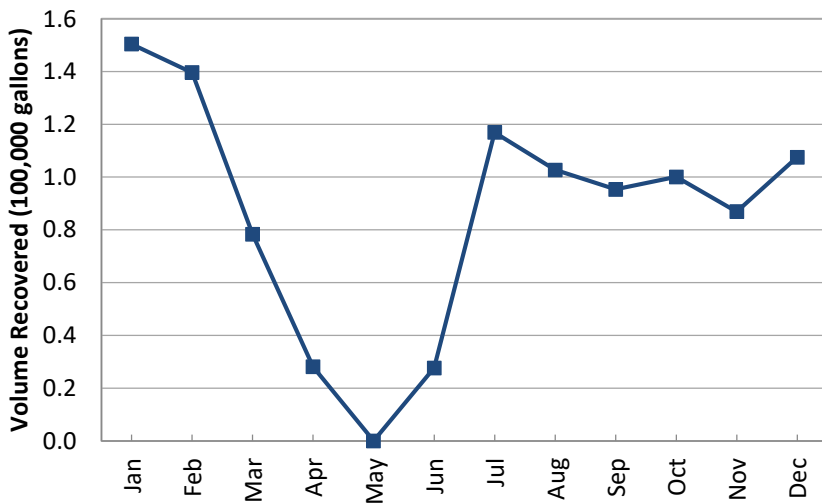
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	362,388
Feb	340,850
Mar	232,207
Apr	94,328
May	0
Jun	90,595
Jul	379,657
Aug	355,191
Sep	341,409
Oct	363,907
Nov	312,136
Dec	384,427
Total	3,257,095

PTX06-EW-38

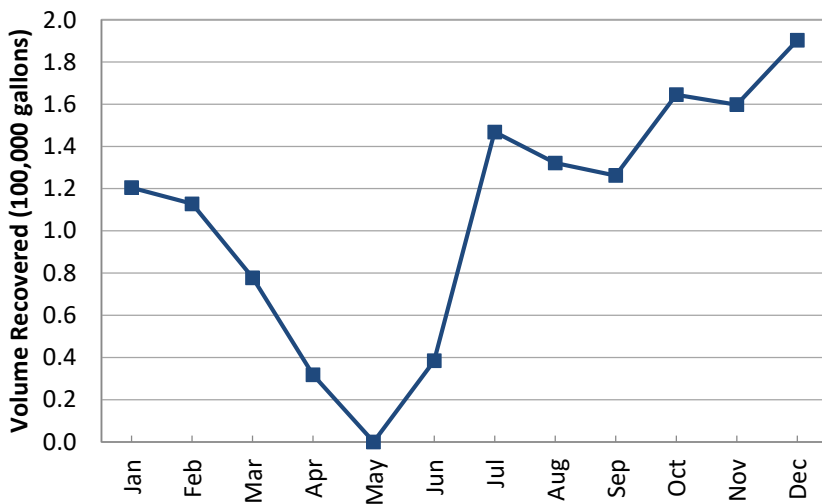
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	150,417
Feb	139,670
Mar	78,311
Apr	28,097
May	0
Jun	27,646
Jul	117,006
Aug	102,722
Sep	95,311
Oct	100,063
Nov	86,879
Dec	107,583
Total	1,033,705

PTX06-EW-39

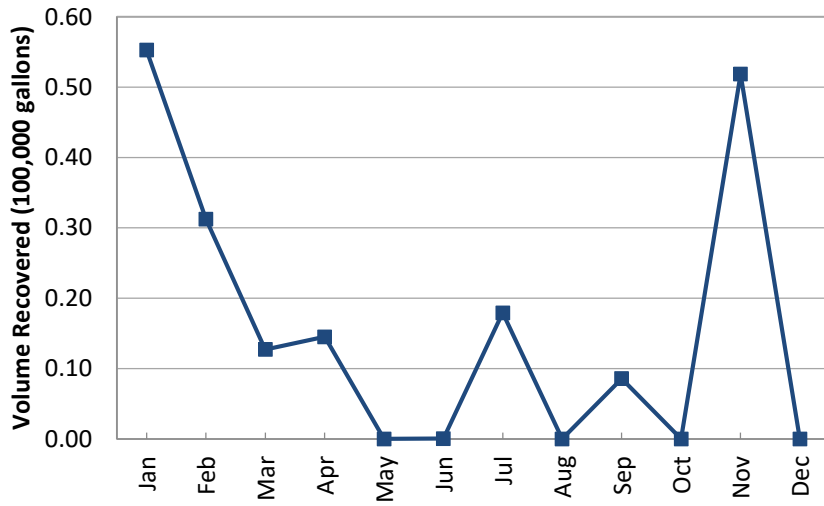
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	120,480
Feb	112,823
Mar	77,816
Apr	31,816
May	0
Jun	38,440
Jul	146,897
Aug	132,211
Sep	126,241
Oct	164,548
Nov	159,844
Dec	190,358
Total	1,301,474

PTX06-EW-40

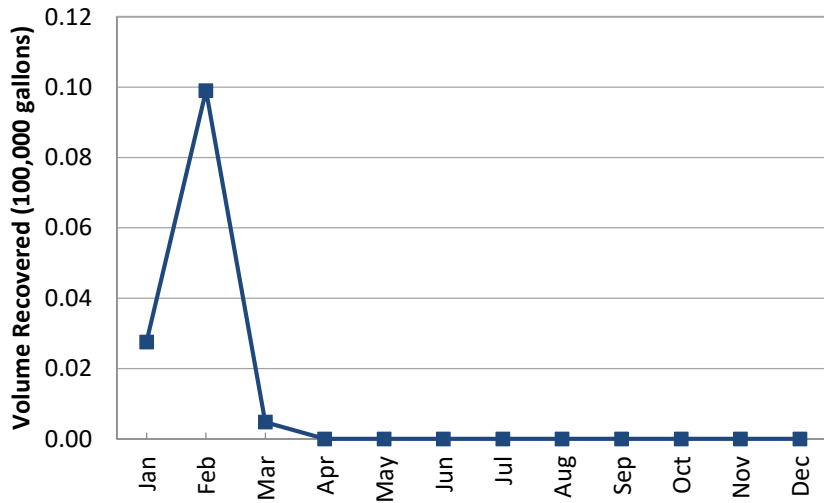
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	55,285
Feb	31,232
Mar	12,721
Apr	14,524
May	0
Jun	64
Jul	17,923
Aug	0
Sep	8,577
Oct	0
Nov	51,870
Dec	0
Total	192,196

PTX06-EW-41

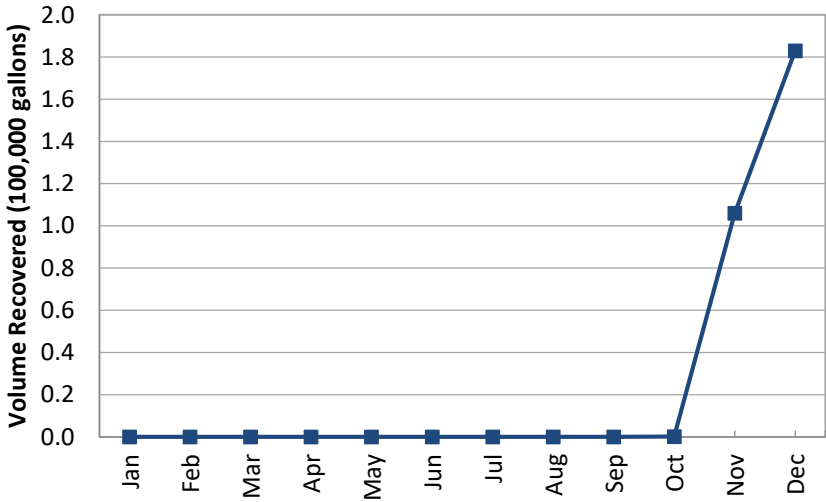
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	2,758
Feb	9,906
Mar	478
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	13,142

PTX06-EW-42

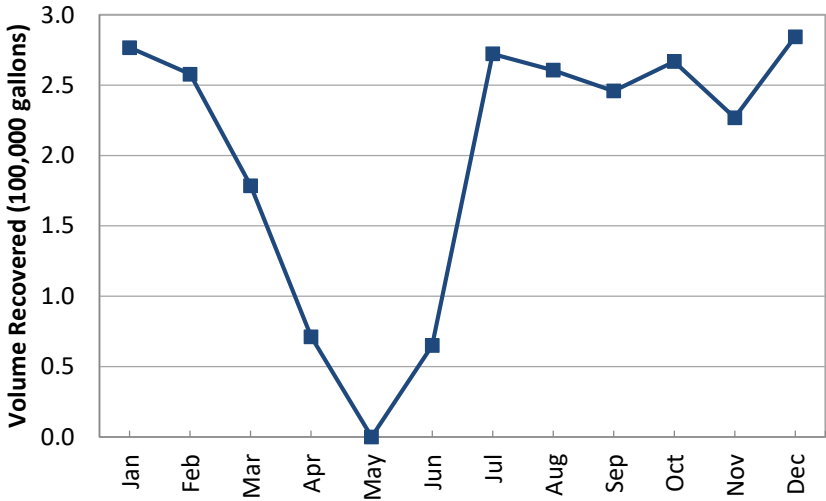
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	179
Nov	105,927
Dec	183,010
Total	289,116

PTX06-EW-43

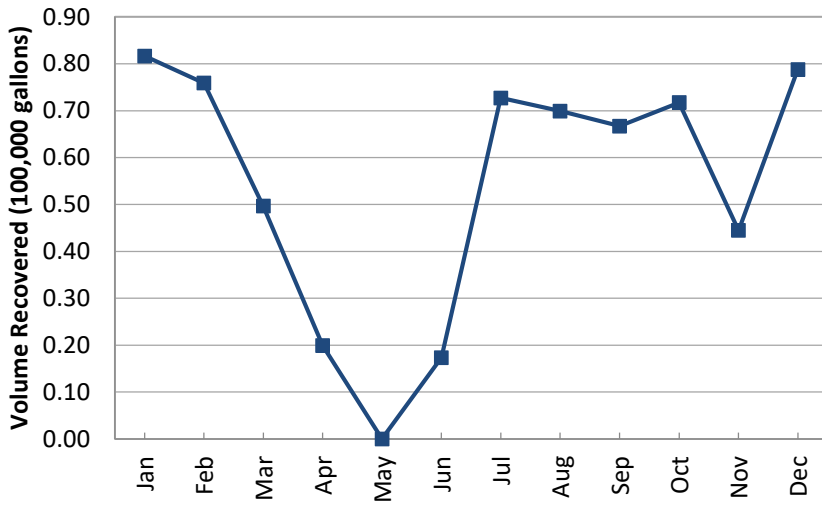
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	276,743
Feb	257,839
Mar	178,548
Apr	71,191
May	0
Jun	64,919
Jul	272,328
Aug	260,746
Sep	245,969
Oct	266,878
Nov	226,917
Dec	284,453
Total	2,406,531

PTX06-EW-44

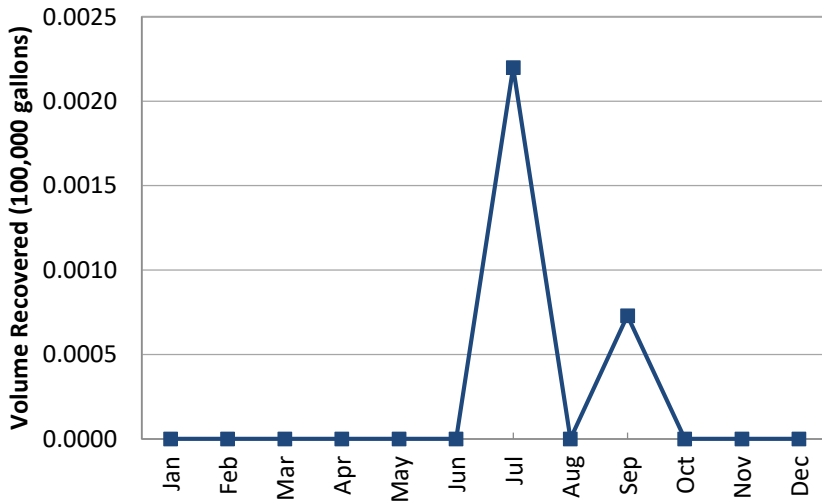
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	81,659
Feb	75,903
Mar	49,651
Apr	19,909
May	0
Jun	17,327
Jul	72,707
Aug	69,917
Sep	66,723
Oct	71,748
Nov	44,436
Dec	78,795
Total	648,775

PTX06-EW-45

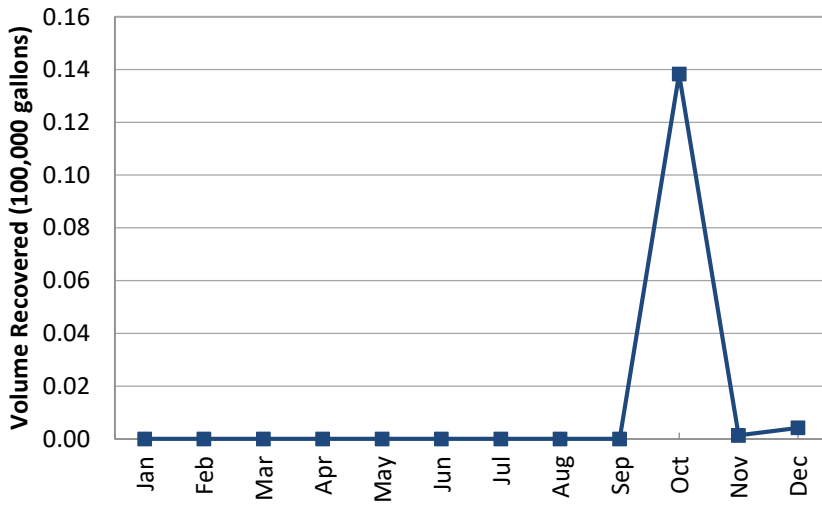
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	220
Aug	0
Sep	73
Oct	0
Nov	0
Dec	0
Total	293

PTX06-EW-46

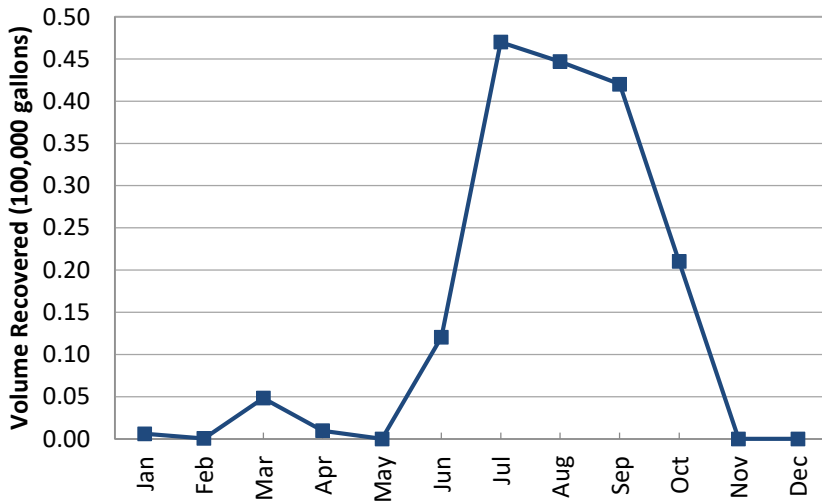
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	13,829
Nov	139
Dec	423
Total	14,391

PTX06-EW-48

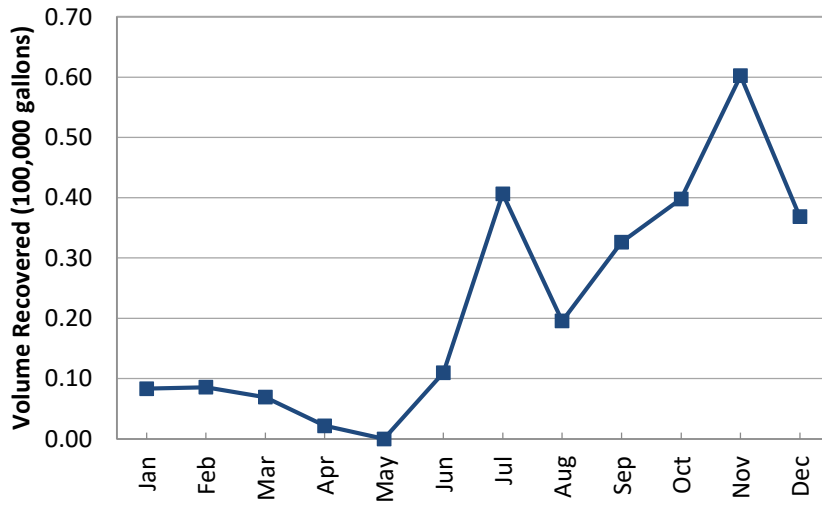
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	611
Feb	61
Mar	4,840
Apr	979
May	0
Jun	12,062
Jul	47,014
Aug	44,696
Sep	42,029
Oct	21,026
Nov	0
Dec	0
Total	173,318

PTX06-EW-49

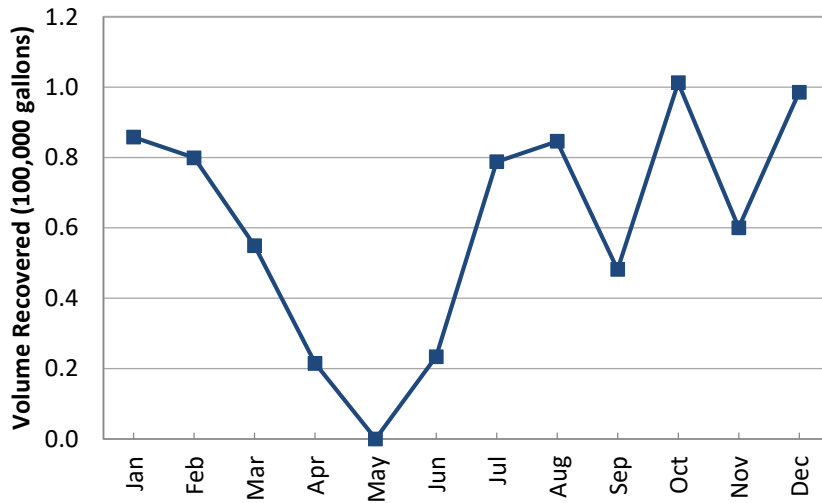
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	8,337
Feb	8,591
Mar	6,928
Apr	2,181
May	0
Jun	11,001
Jul	40,658
Aug	19,548
Sep	32,649
Oct	39,807
Nov	60,242
Dec	36,855
Total	266,797

PTX06-EW-50

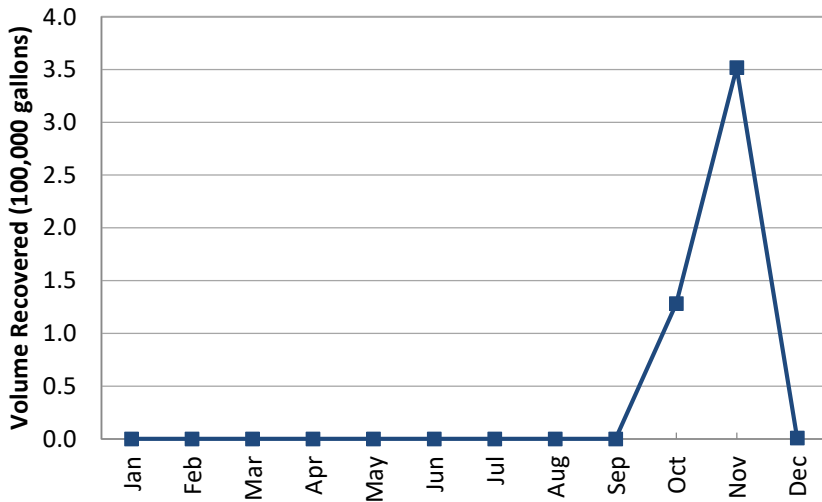
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	85,826
Feb	79,956
Mar	54,918
Apr	21,488
May	0
Jun	23,390
Jul	78,801
Aug	84,651
Sep	48,187
Oct	101,299
Nov	60,045
Dec	98,617
Total	737,178

PTX06-EW-51

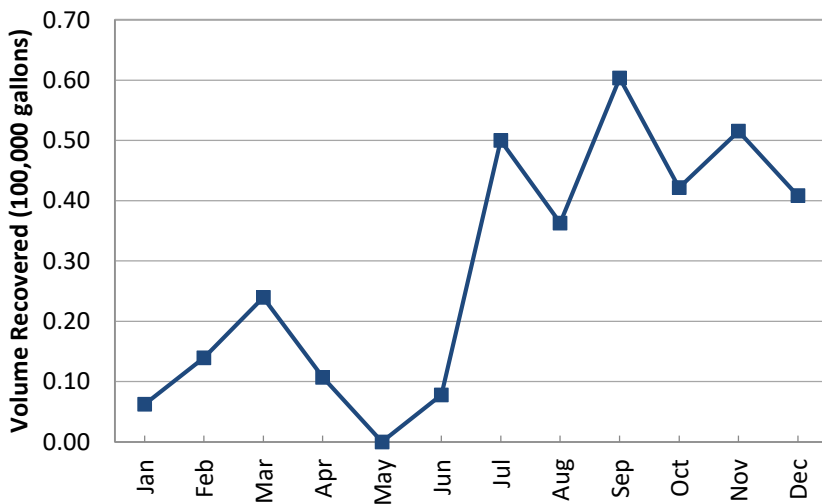
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	128,179
Nov	351,843
Dec	833
Total	480,855

PTX06-EW-53

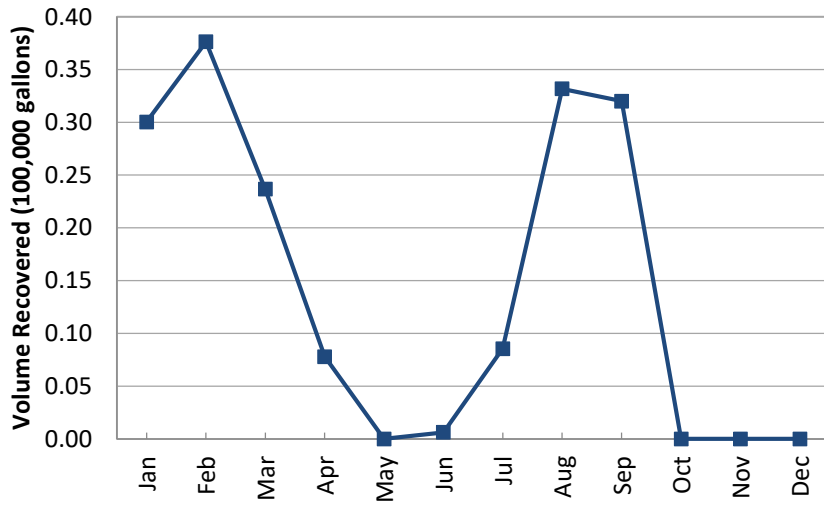
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	6,240
Feb	13,964
Mar	23,974
Apr	10,741
May	0
Jun	7,798
Jul	50,010
Aug	36,290
Sep	60,351
Oct	42,156
Nov	51,556
Dec	40,841
Total	343,921

PTX06-EW-54

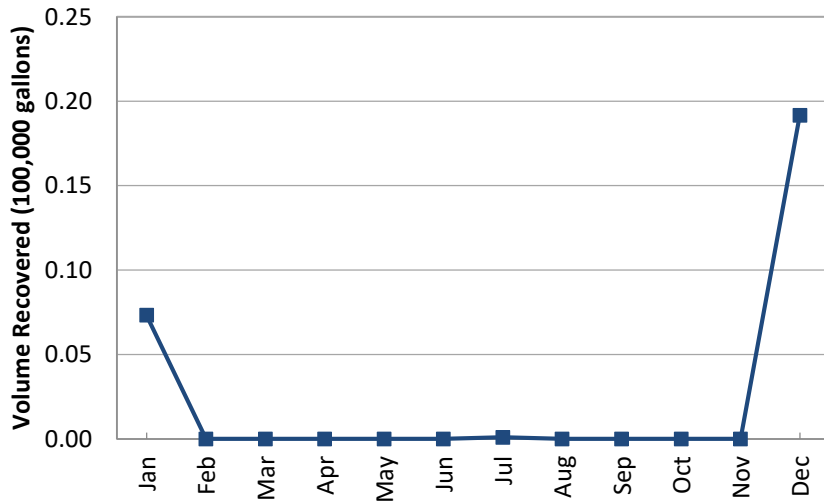
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	30,052
Feb	37,641
Mar	23,663
Apr	7,801
May	0
Jun	636
Jul	8,560
Aug	33,186
Sep	32,018
Oct	0
Nov	0
Dec	0
Total	173,557

PTX06-EW-55

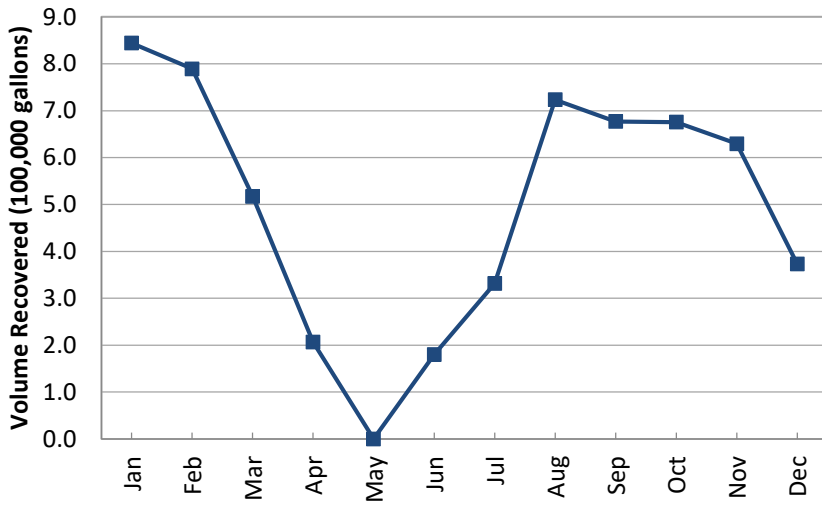
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	7,323
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	96
Aug	0
Sep	0
Oct	0
Nov	0
Dec	19,175
Total	26,594

PTX06-EW-56

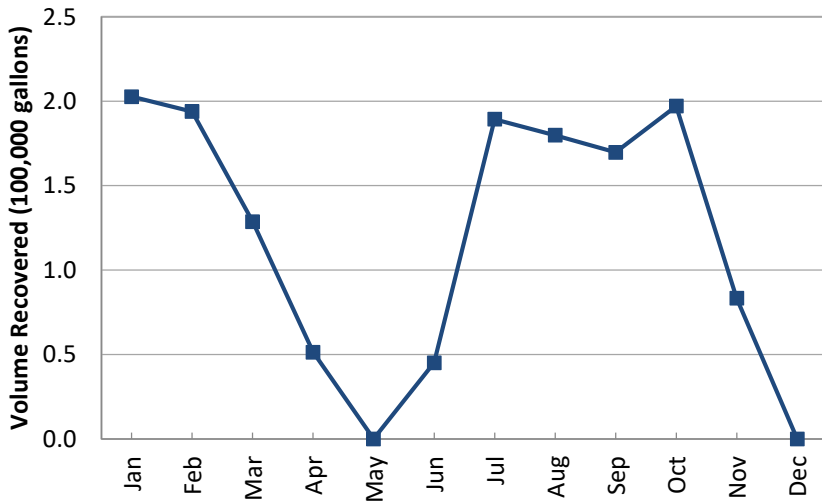
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	844,155
Feb	789,330
Mar	517,224
Apr	206,523
May	0
Jun	180,022
Jul	331,253
Aug	723,344
Sep	677,110
Oct	675,764
Nov	629,672
Dec	373,175
Total	5,947,572

PTX06-EW-57

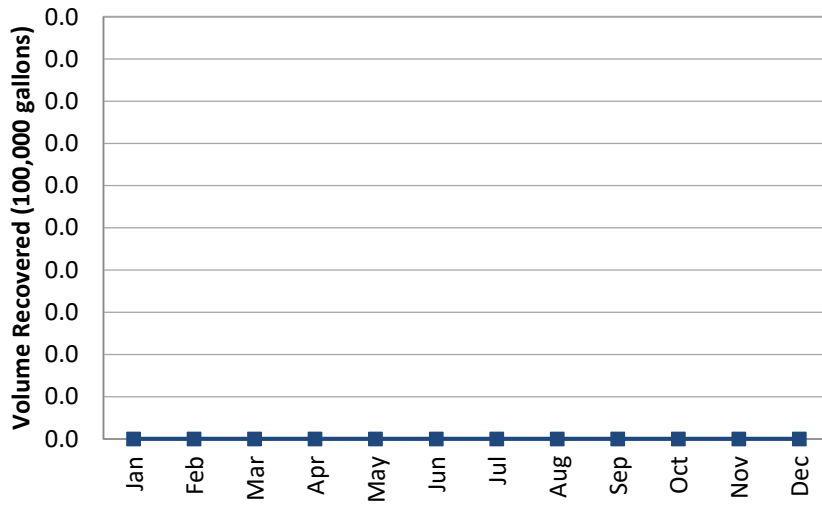
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	202,809
Feb	193,922
Mar	128,641
Apr	51,351
May	0
Jun	45,134
Jul	189,365
Aug	179,979
Sep	169,804
Oct	197,160
Nov	83,357
Dec	0
Total	1,441,522

PTX06-EW-58

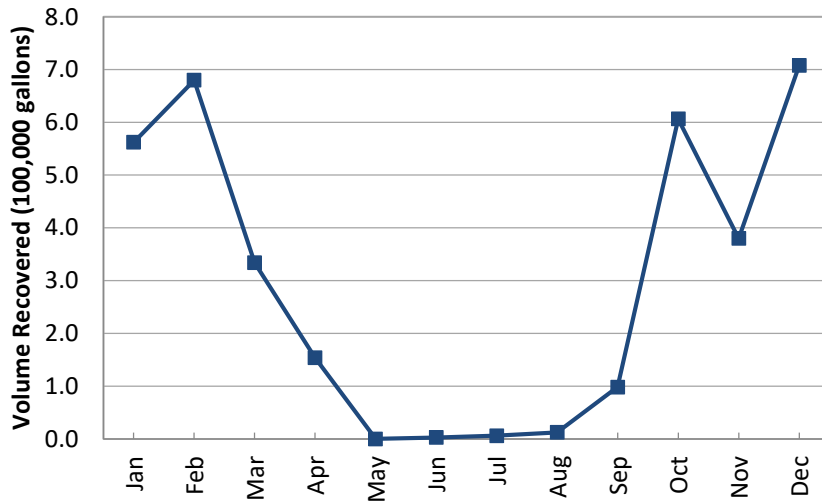
2020 Monthly Groundwater Flow Rate



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-59

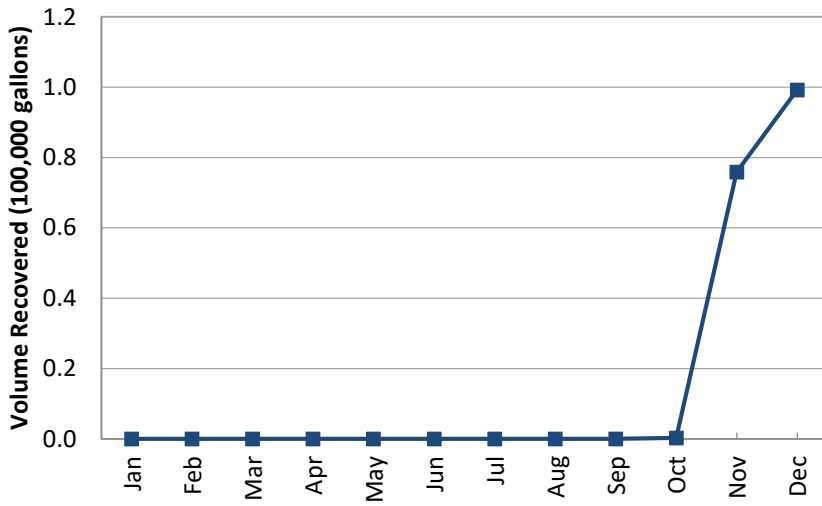
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	562,434
Feb	679,937
Mar	333,866
Apr	153,884
May	0
Jun	2,855
Jul	6,201
Aug	12,534
Sep	98,455
Oct	606,770
Nov	380,046
Dec	707,875
Total	3,544,857

PTX06-EW-60

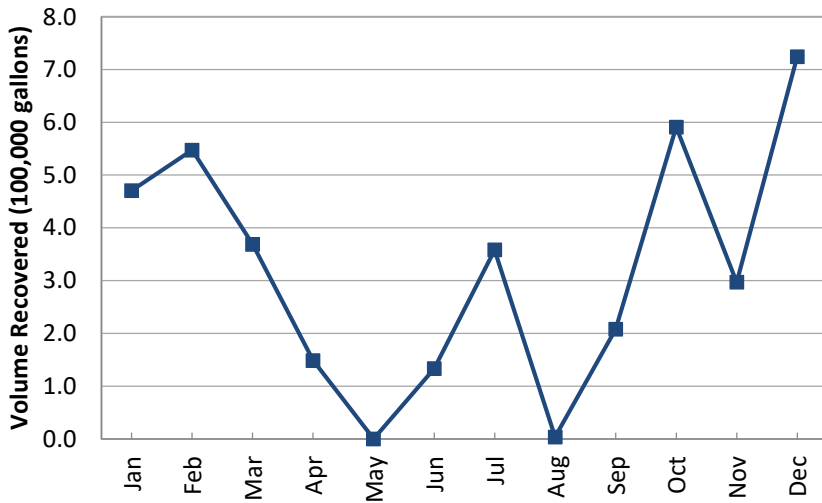
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	296
Nov	75,850
Dec	99,240
Total	175,386

PTX06-EW-61

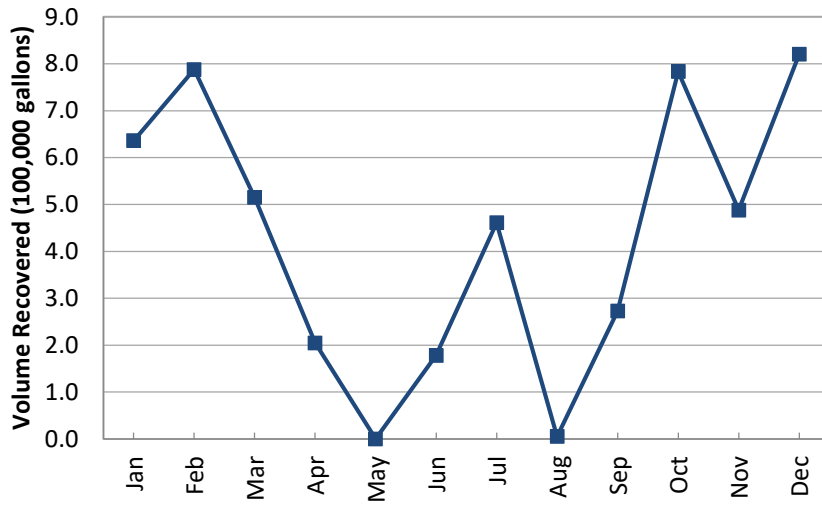
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	470,698
Feb	547,700
Mar	368,877
Apr	148,534
May	0
Jun	133,275
Jul	358,001
Aug	3,653
Sep	207,849
Oct	591,344
Nov	296,876
Dec	724,273
Total	3,851,080

PTX06-EW-62

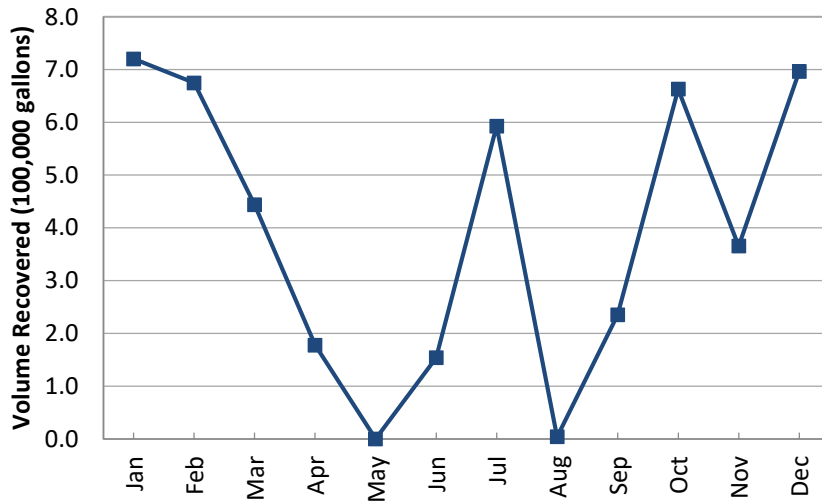
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	636,326
Feb	787,768
Mar	514,615
Apr	204,882
May	0
Jun	178,191
Jul	460,762
Aug	5,395
Sep	272,752
Oct	783,525
Nov	487,709
Dec	820,398
Total	5,152,323

PTX06-EW-63

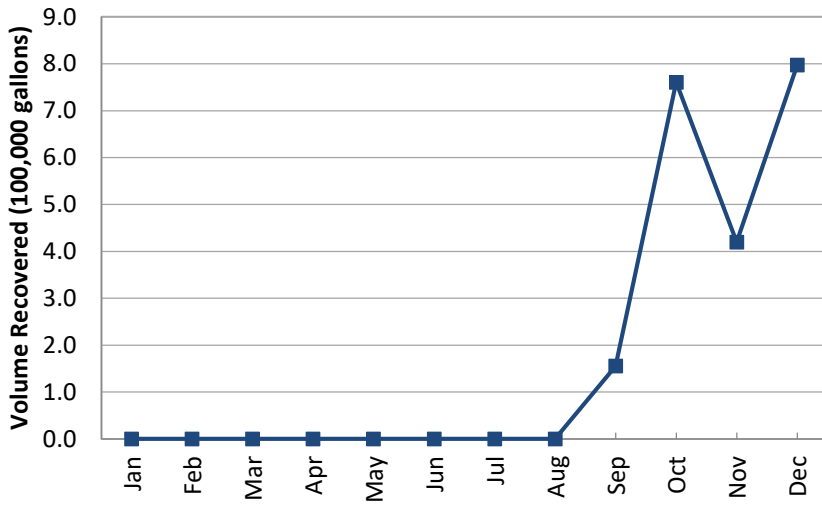
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	720,240
Feb	674,779
Mar	443,596
Apr	177,856
May	0
Jun	153,703
Jul	592,971
Aug	3,946
Sep	235,012
Oct	663,143
Nov	365,561
Dec	696,321
Total	4,727,128

PTX06-EW-64

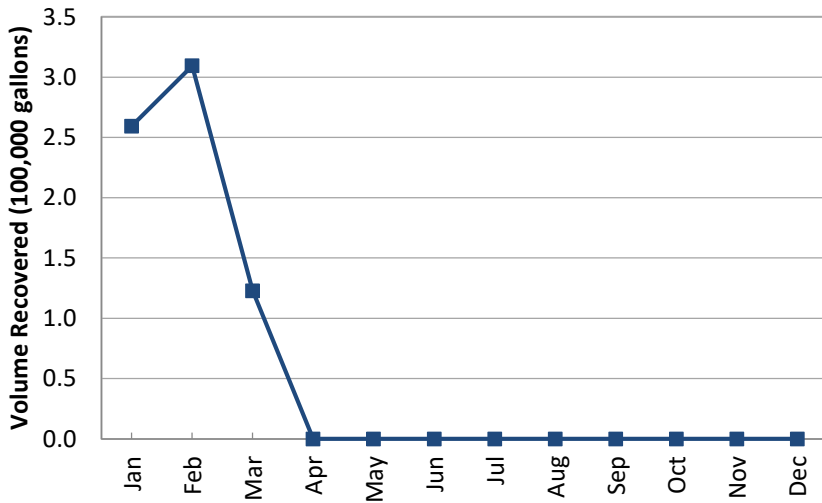
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	155,289
Oct	760,768
Nov	419,758
Dec	797,202
Total	2,133,017

PTX06-EW-65

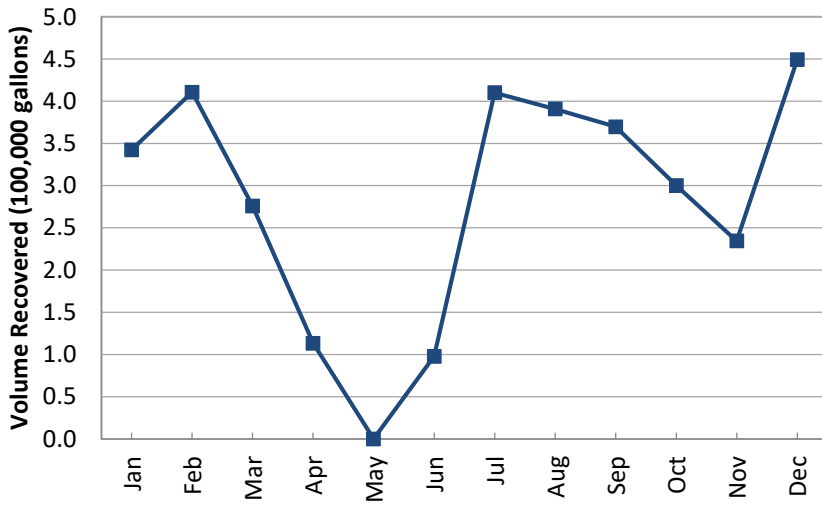
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	259,462
Feb	309,421
Mar	122,914
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	691,797

PTX06-EW-66

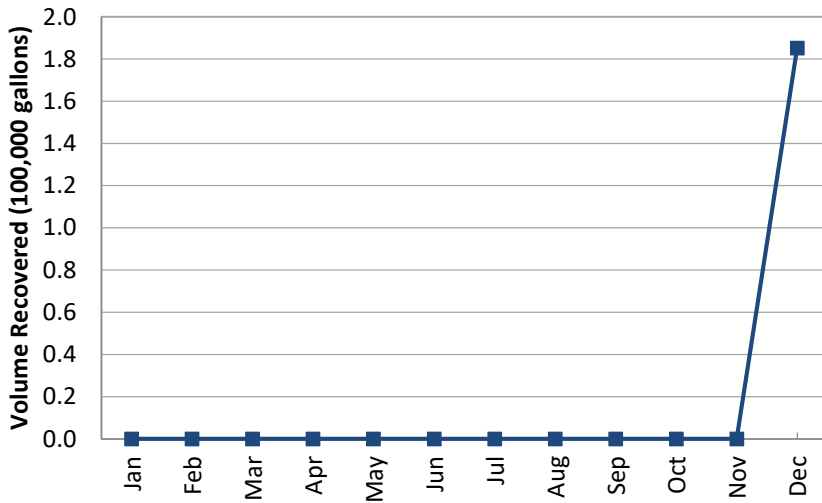
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	342,632
Feb	410,783
Mar	275,813
Apr	113,444
May	0
Jun	97,759
Jul	410,255
Aug	390,923
Sep	369,897
Oct	300,222
Nov	234,383
Dec	449,352
Total	3,395,463

PTX06-EW-67

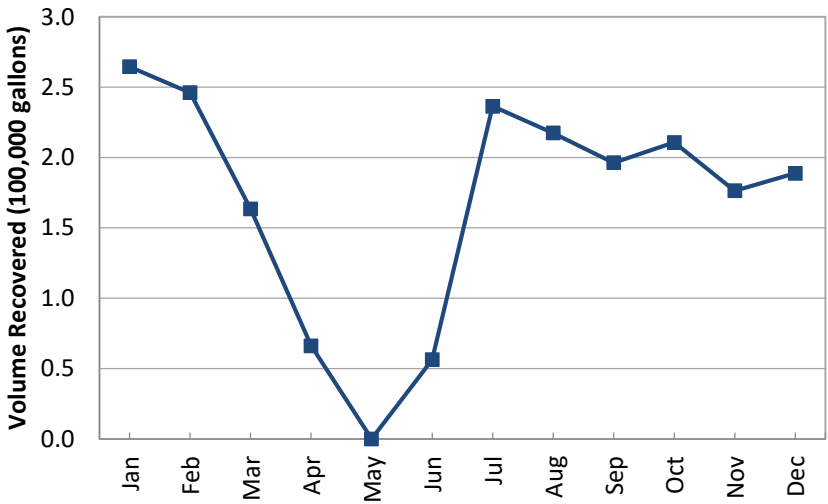
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	185,266
Total	185,266

PTX06-EW-68

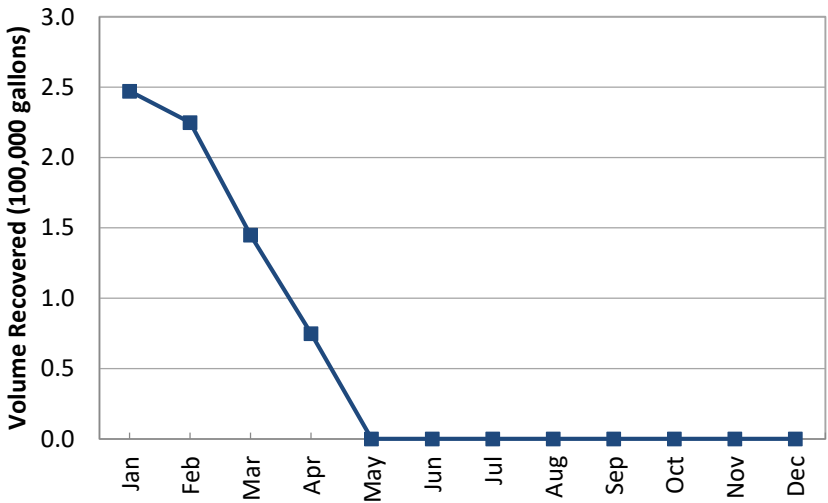
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	264,557
Feb	246,134
Mar	163,449
Apr	66,206
May	0
Jun	56,321
Jul	236,516
Aug	217,463
Sep	196,418
Oct	210,791
Nov	176,319
Dec	188,760
Total	2,022,934

PTX06-EW-83

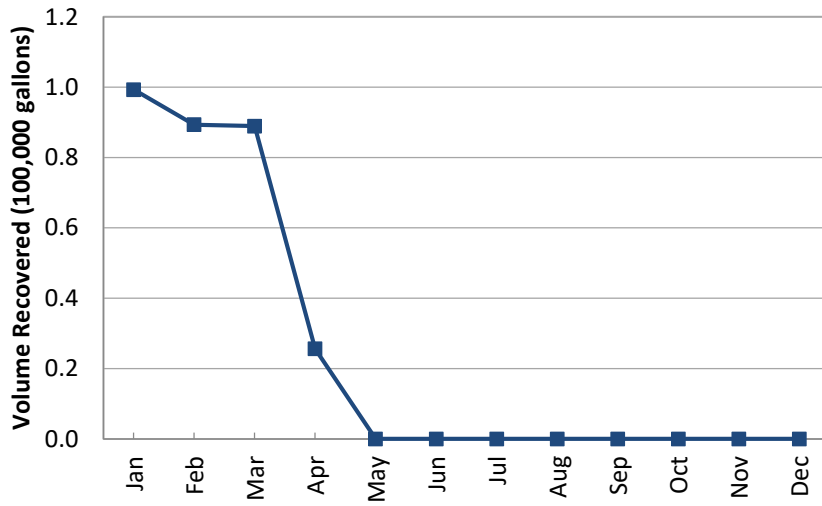
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	247,234
Feb	224,946
Mar	144,782
Apr	74,865
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	691,827

PTX06-EW-84

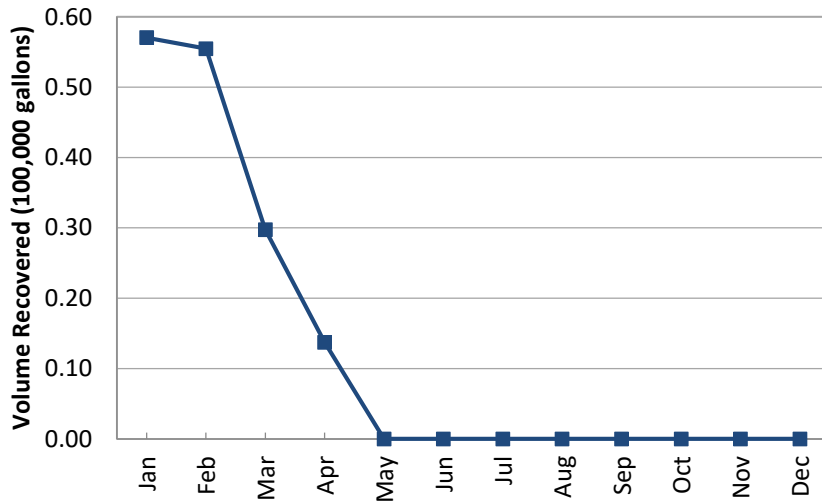
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	99,347
Feb	89,392
Mar	88,953
Apr	25,642
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	303,334

PTX06-EW-85

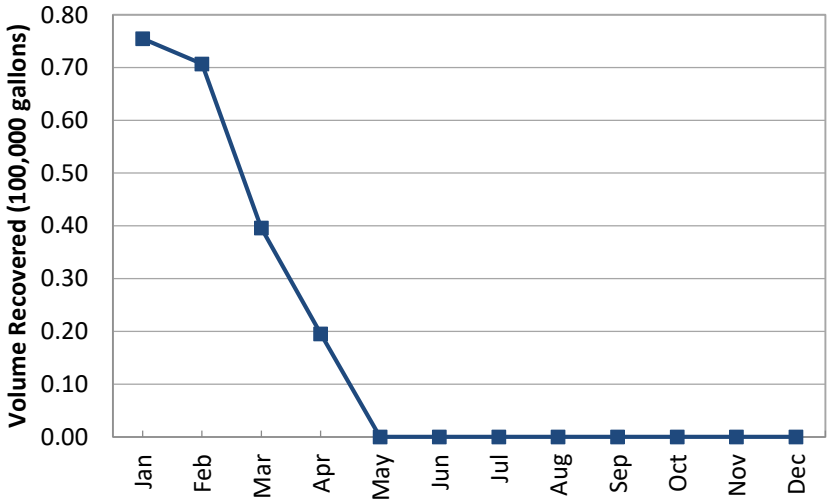
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	57,045
Feb	55,475
Mar	29,748
Apr	13,721
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	155,989

PTX06-EW-86

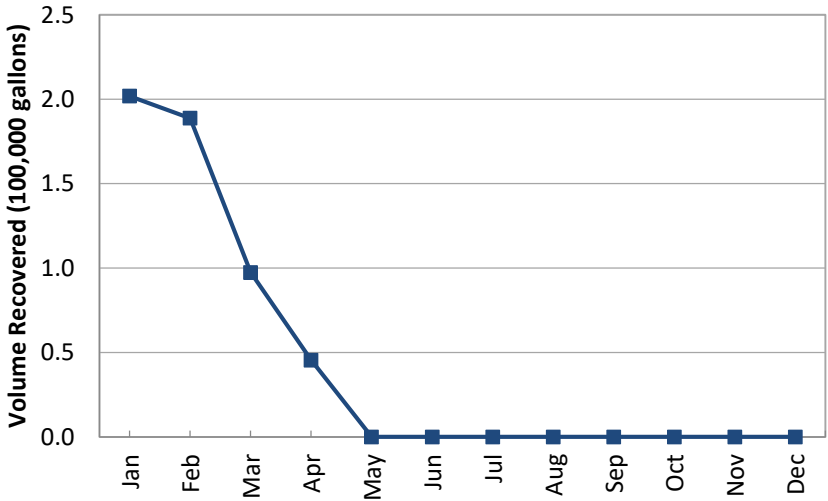
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	75,497
Feb	70,711
Mar	39,615
Apr	19,540
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	205,363

PTX06-EW-87

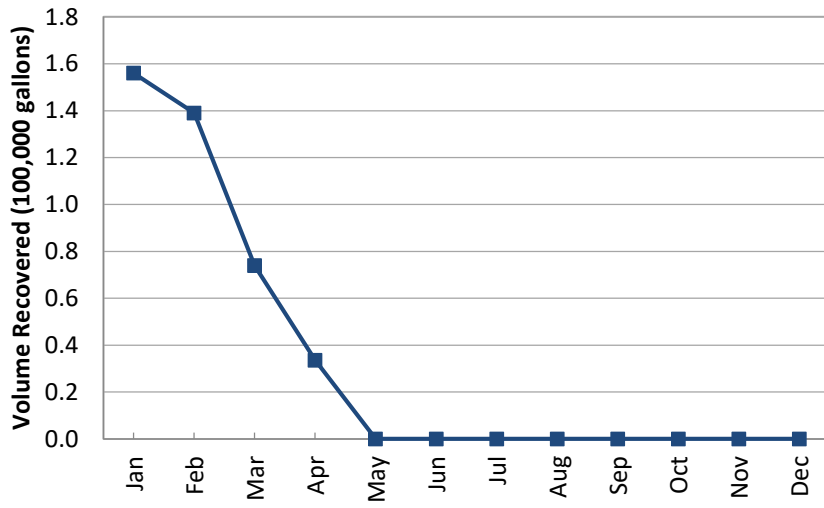
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	201,948
Feb	188,865
Mar	97,424
Apr	45,487
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	533,724

PTX06-EW-88

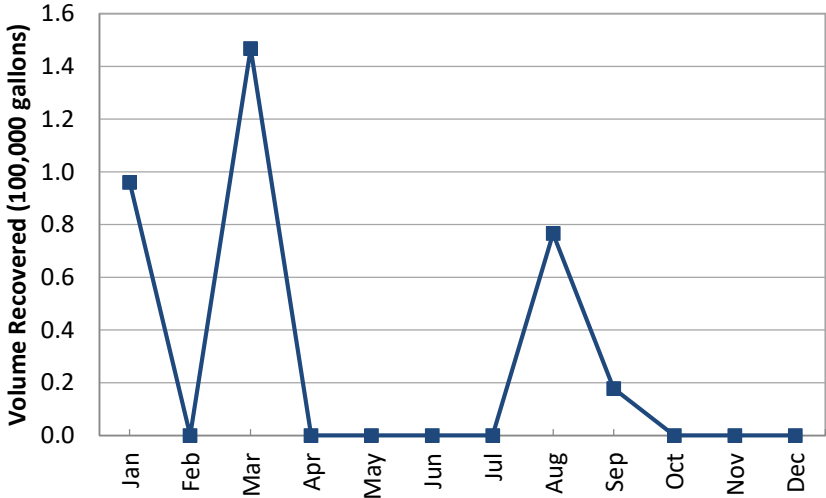
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	155,998
Feb	139,066
Mar	73,901
Apr	33,598
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	402,563

Playa 1 Pump and Treat System
PTX06-EW-69

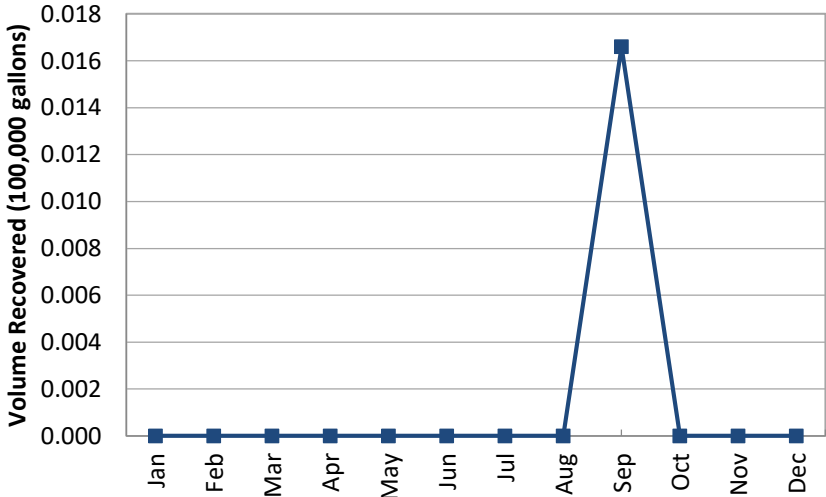
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	96,058
Feb	0
Mar	146,811
Apr	0
May	0
Jun	0
Jul	0
Aug	76,579
Sep	17,854
Oct	0
Nov	0
Dec	0
Total	337,302

PTX06-EW-70

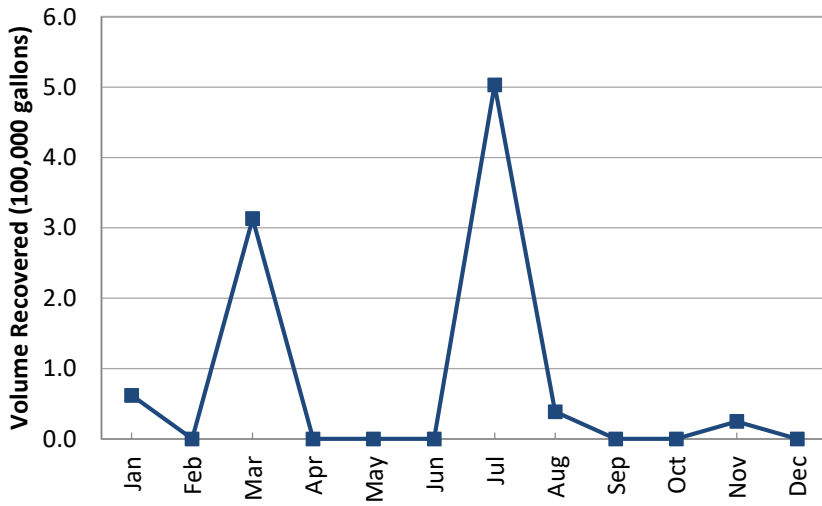
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	1,660
Oct	0
Nov	0
Dec	0
Total	1,660

PTX06-EW-71

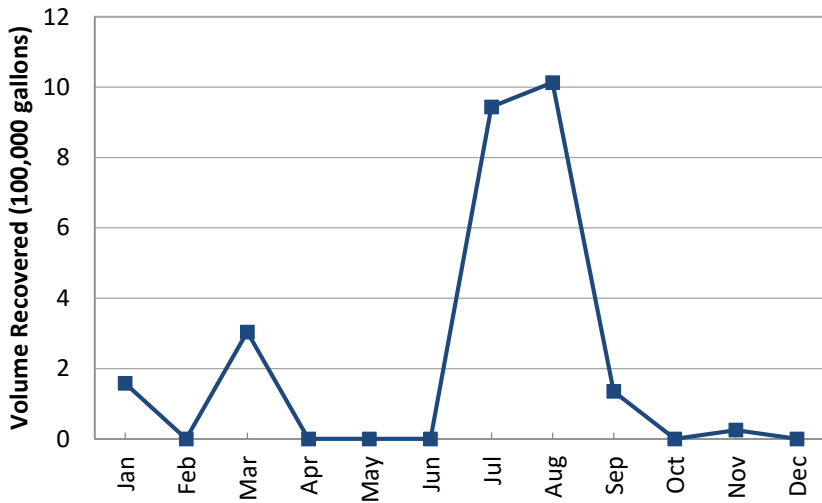
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	61,914
Feb	0
Mar	313,170
Apr	0
May	0
Jun	0
Jul	503,174
Aug	38,727
Sep	0
Oct	0
Nov	24,987
Dec	0
Total	941,972

PTX06-EW-72

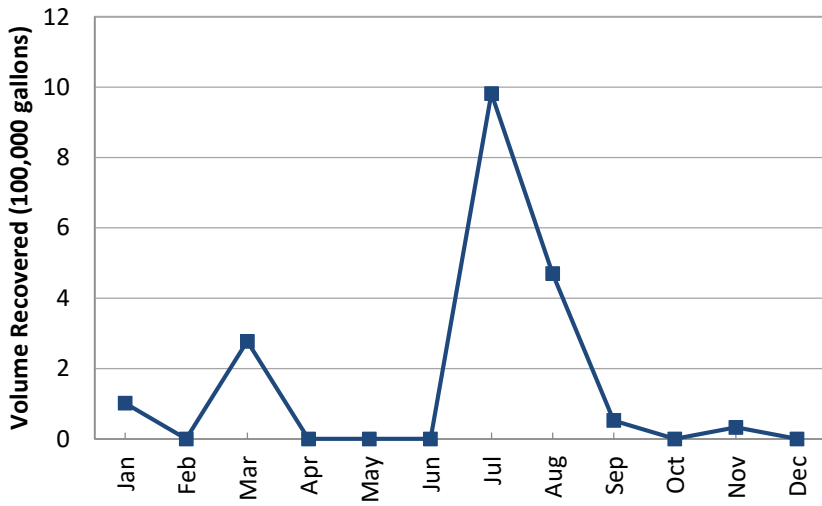
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	158,022
Feb	0
Mar	303,921
Apr	0
May	0
Jun	0
Jul	944,148
Aug	1,013,235
Sep	135,396
Oct	0
Nov	25,324
Dec	0
Total	2,580,046

PTX06-EW-73

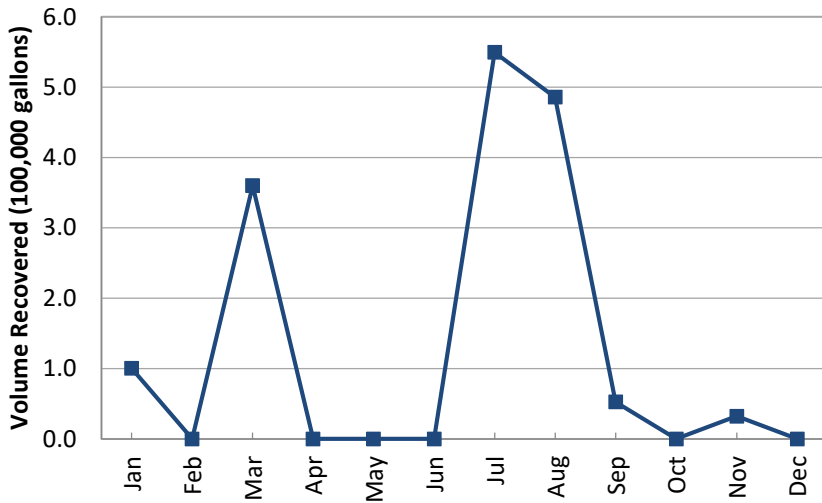
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	101,422
Feb	0
Mar	277,403
Apr	0
May	0
Jun	0
Jul	982,557
Aug	470,256
Sep	52,697
Oct	0
Nov	33,043
Dec	0
Total	1,917,378

PTX06-EW-74

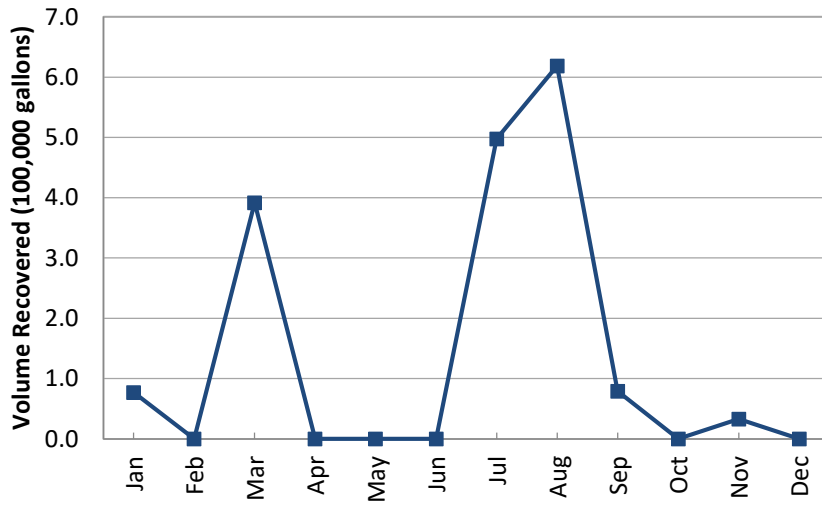
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	100,259
Feb	0
Mar	360,025
Apr	0
May	0
Jun	0
Jul	549,602
Aug	485,967
Sep	52,660
Oct	0
Nov	32,458
Dec	0
Total	1,580,971

PTX06-EW-75

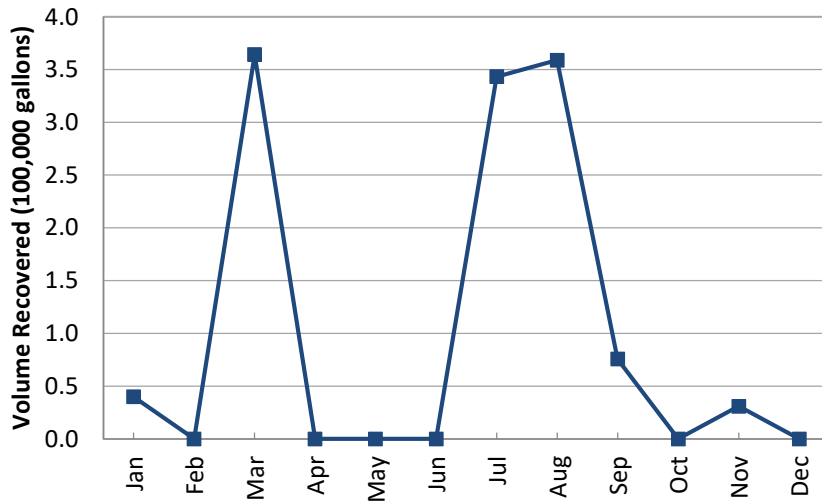
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	76,990
Feb	0
Mar	391,527
Apr	0
May	0
Jun	0
Jul	497,640
Aug	618,690
Sep	79,117
Oct	0
Nov	33,066
Dec	0
Total	1,697,030

PTX06-EW-78A

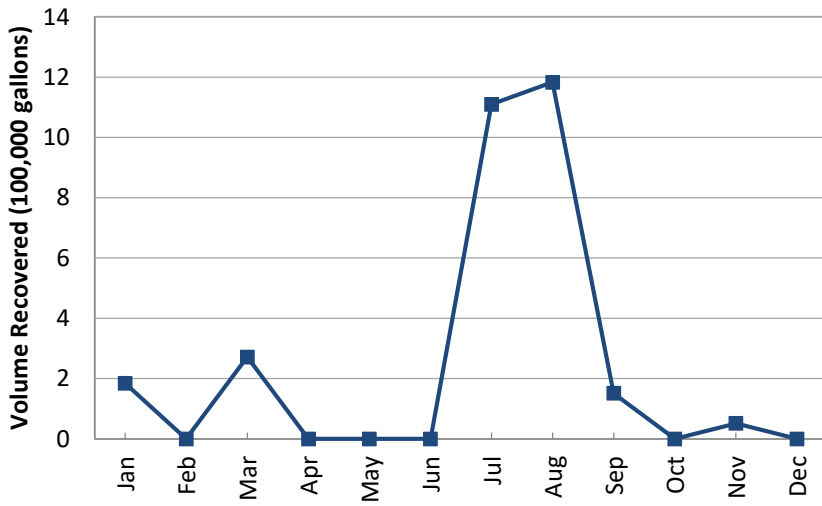
2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	39,967
Feb	0
Mar	364,299
Apr	0
May	0
Jun	0
Jul	343,396
Aug	359,001
Sep	75,660
Oct	0
Nov	30,953
Dec	0
Total	1,213,276

PTX06-EW-79

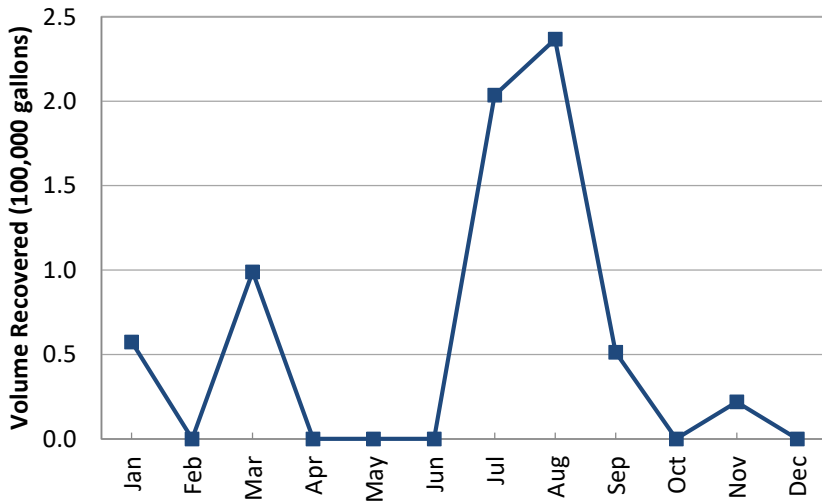
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	184,072
Feb	0
Mar	272,040
Apr	0
May	0
Jun	0
Jul	1,109,943
Aug	1,183,459
Sep	151,627
Oct	0
Nov	51,580
Dec	0
Total	2,952,721

PTX06-EW-80

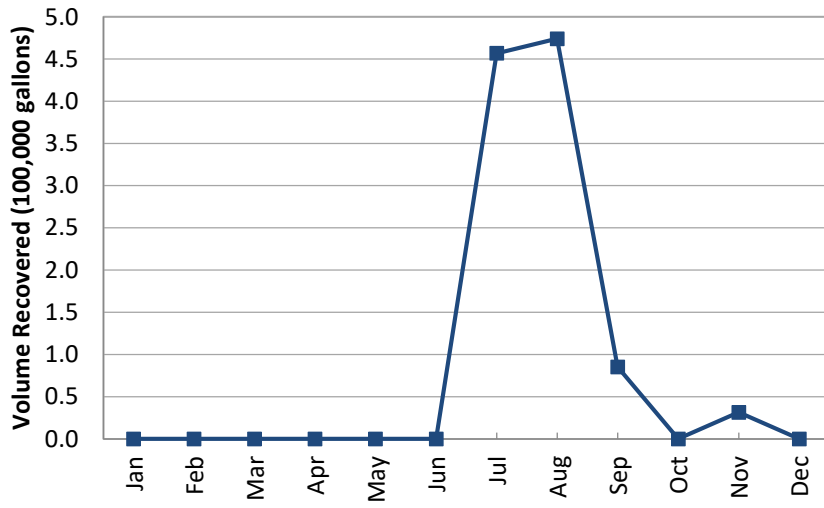
2020 Monthly Groundwater Flow Rate



Volume Recovered (gallons)	
Month	
Jan	57,497
Feb	0
Mar	98,988
Apr	0
May	0
Jun	0
Jul	203,610
Aug	236,729
Sep	51,378
Oct	0
Nov	21,891
Dec	0
Total	670,093

PTX06-EW-81

2020 Monthly Groundwater Flow Rate



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	456,835
Aug	474,203
Sep	85,331
Oct	0
Nov	31,599
Dec	0
Total	1,047,968

Appendix C

Well Information

Table C-1. Well Maintenance Table

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- ISB133	2/3/2020	(1) Well video (2) Other-explained below	273.30	295						Performed well video for new well acceptance purposes. This well has 4" stainless steel casing and screen. The casing and screen are in good condition with significant sand infiltration in the bottom ~ 3' of the screened section. The sump is ~ half full of sand. Also obtained top of water and total depth measurements per WMR instructions. This well needs further development to clean out the sand infiltration in the screen and sump.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- ISB134	2/3/2020	(1) Well video (2) Other-explained below	273.40	296						Performed well video for new well acceptance purposes. This well has 4" stainless steel casing and screen. The casing and screen are in good condition. Observed an object, possibly a piece of tape, floating on top of the water. The screen appears to be in good condition with no damage from the pump and drop pipe being dropped in the well. Another object was observed stuck in the bottom of the screen at top of sump. This object had sand on top of it. The object was flexible and we were able to push it to the sump bottom. When the object was disturbed, the water became extremely turbid from the sand and we were unable to clearly see the bottom of the sump to check for damage. May need to return in a week to get another video. Also obtained top of water and total depth measurements per WMR instructions.
PTX06- ISB135	2/3/2020	(1) Well video (2) Other-explained below	273.90	299						Performed well video for new well acceptance purposes. This well has 4" stainless steel casing and screen. The casing and screen are in good condition. The screen appears to be open with little or no sand infiltration into the screened section. The sump is clean. Also obtained top of water and total depth measurements per the WMR instructions.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- ISB136	2/3/2020	(1) Well video (2) Other-explained below	273.70	302						Performed well video for new well acceptance purposes. This well has 4" stainless steel casing and screen. The casing and screen are in good condition. The screen appears to be open with little or no sand infiltration into the screened section. The sump is clean. Also obtained top of water and total depth measurements per the WMR instructions.
PTX06- ISB137	2/3/2020	(1) Well video (2) Other-explained below	273.90	302						Performed well video for new well acceptance purposes. This well has 4" stainless steel casing and screen. The casing and screen are in good condition. The screen appears to be open with little or no sand infiltration into the screened section. The sump is clean. Also obtained top of water and total depth measurements per the WMR instructions.
PTX06- 1034	2/24/2020	(1) Bennett pump service						16-28 P&T		The air intake tubing was broken at the tubing grommet during sampling activities. Raised tubing and repaired the line. Pumped one gallon of water pumping good.
PTX06- ISB107	2/26/2020	(1) Other-explained below								PTX06-ISB107 through PTX06-ISB131 have been renamed PTX06-ISB301 through PTX06-ISB325. Restamped brass tags to denote the new location ID. 3/2/2020 Applied new stencils denoting the new location IDs on the protector casing. TMM,BDB

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06-1207	3/11/2020	(1) Well video	272.00							Well video performed for well acceptance purposes. Well has 4" PVC casing and screen. The casing is in good condition. Observed some dark staining or deposits of foreign material in the screened section. The sump is clean. Collected brass tag and top of casing GPS elevations. Brass tag and top of casing elevations were also collected at PTX06-1207.
PTX06-1207	3/11/2020	(1) Well video	273.80	292						This well video is for well acceptance purposes. Well has 4" stainless steel casing and screen. The casing and screen are in good condition. The sump is clean. Collected brass tag and top of casing GPS elevations.
PTX06-1207	3/12/2020	(1) Well video	253.20	297						Performed well acceptance video. Well has 6" PVC casing and 6" stainless steel screen. The casing and screen are in good condition. Top of water is above the screen section in the casing. The sump contains small amounts of sand but is mostly clean. The casing stickup is 3" above ground level.
PTX06-1207	3/12/2020	(1) Well video	253.40	316						Performed well acceptance video. Well has 6" PVC casing and 6" stainless steel screen. The casing and screen are in good condition. Top of water is above the screen section in the casing. The sump contains small amounts of sand but is mostly clean. The casing stickup is 3" above ground level.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- INJ-15	3/12/2020	(1) Well video	260.00	316						Performed well acceptance video. Well has 6" PVC casing and 6" stainless steel screen. The casing and screen are in good condition. Top of water is above the screen section in the casing. The sump contains small amounts of sand but is mostly clean. The casing stickup is 3" above ground level.
PTX06- EW-25	6/17/2020	(1) Extraction well service								Conducted tailgate safety briefing and daily rig/location checks. Pulled 14 joints of 1 1/4" X 20' PVC tubing, 1 - 1 1/4" X 10' sub and submersible pump. IH techs were on location conduction noise level monitoring. Clifton Britten and Chet Bohlar also on location. P&T techs assisting.
PTX06- EW-26	6/17/2020	(1) Extraction well service								Conducted tailgate safety briefing and daily rig/location checks. Pulled 14 joints of 1 1/4" X 20' PVC tubing, 1 - 1 1/4" X 10' 6" sub and submersible pump. P&T techs assisting.
PTX06- EW-31	6/17/2020	(1) Extraction well service								Conducted tailgate safety briefing and daily rig/location checks. Pulled 14 joints of 1 1/4" X 20' PVC tubing, 1 - 1 1/4" X 4' sub and submersible pump. P&T techs assisting.
PTX06- EW-64	6/17/2020	(1) Extraction well service								Conducted tailgate safety briefing and daily rig/location checks. Pulled 14 joints of 1 1/4" X 20' PVC tubing, 1 - 1 1/4" X 10' 6" sub and submersible pump. P&T techs assisting.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06-1138	6/18/2020	(1) Bennett pump service	270.30		270	10.0	280.0	Ditch	5	Sample techs were unable to get pump to move water for sampling. Research indicated that top of water had fallen below the pump intake. Pulled dedicated tubing bundle, Bennett pump with lower diverter attached. Tested pump with DI water prior to reinstalling. Pump had good pump action. Attached a 10' drop tube to the pump to lower intake. The intake is now at 280' btoc which is near the bottom of the top screened section. Installed the dedicated tubing bundle in the well. We weren't able to get the pump to move water. Pulled the dedicated tubing bundle out a second time. Replaced pump # 1806-521 with new pump. Evacuated water out of the tubing bundle then re-installed the tubing bundle, Bennett pump with drop tube and lower diverter. Pumped 5 gallons of water. Pumping good.
PTX06-1138	6/26/2020	(1) Other-explained below			470	10.0	480.0			This entry being made to correct the Tubing bundle + pump and Sample Intake Depth (BTOC) data incorrectly entered as 270 and 280 on 6/18/2020.
PTX06-EW-25	7/7/2020	(1) Well video	270.30	297						Perform well video for well inspection purposes. Well has 6" PVC casing and 6" stainless steel screen. The casing is in good condition. The screen is in good condition with light iron bacteria and sand near bottom of the screen. The sump is nearly full of sand.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06-EW-26	7/7/2020	(1) Well video	273.40	295						Well inspection video. Well has 6" PVC casing and 6" stainless steel screen. The casing is in good condition. The screen has moderate iron bacteria in the screen, heavier near bottom of the screen. The sump is nearly full of sand.
PTX06-EW-31	7/7/2020	(1) Well video	272.60	289						Well inspection video. Well has 6" PVC casing and 6" stainless steel screen. The casing is in good condition. The screen has light to moderate iron bacteria and sand infiltration. The sump is half full of sand.
PTX06-EW-64	7/7/2020	(1) Well video	270.90	295						Well inspection video. Well has 6" PVC casing and 6" stainless steel screen. The casing is in good condition. The screen has moderate iron bacteria and sand infiltration. This well has no sump.
PTX06-ISB134	7/8/2020	(1) Well video	273.40	296						Performed well video to assess screen condition and any foreign objects in well. This well has 4" stainless steel casing and screen. Both are in good condition with some light sand infiltration near bottom of the screen. The sump has a small amount of sand in it with no foreign objects to be seen.
PTX06-1204	7/10/2020	(1) Misc. maintenance	282.20	300	287	6.0	287.0			Removed tubing bundle and pump in preparation for sub-contractor testing in well field per wmr#2020-009. Measured depth to water and total depth. Secured tubing bundle, pump, and drop tube in Kilgore garage.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- ISB401	7/13/2020	(1) Well video	282.00	294						Well acceptance video. Well has 4" PVC casing, 1 - 20' stainless steel casing and stainless steel screen. The casing and screened section are in good condition. The sump is clean.
PTX06- ISB402	7/13/2020	(1) Well video								Well acceptance video. Well has 4" PVC casing, 1 - 20' stainless steel casing and stainless steel screen. The casing is in good condition. The screen is good to top of water. There was a clay colored oily residue on top of the water that coated the camera lens and prevented further inspection. This well will need further development then another video performed.
PTX06- ISB403	7/13/2020	(1) Well video	282.30	299						Well acceptance video. Well has 4" stainless steel casing and screen. The casing and screen are in good condition with very light sand infiltration near bottom of the screen. The sump is clean.
PTX06- ISB404	7/13/2020	(1) Well video	282.30	299						Well acceptance video. Well has 4" stainless steel casing and screen. The casing and screen are in good condition with very light sand infiltration near bottom of the screen. The sump is clean with a black substance noted in bottom of the sump.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- ISB405	7/14/2020	(1) Well video	282.50	300						Well acceptance video. Well has 4" casing and screen. The casing and screen are in good condition with possible grout in the joint at 419' btoc. The top of water had a light film on it that got on the camera lens when lowered through it. The sump is clean.
PTX06- ISB406	7/14/2020	(1) Well video	282.40	300						Well acceptance video. Well has 4" casing and screen. The casing and screen are in good condition. The sump is clean.
PTX06- ISB407	7/14/2020	(1) Well video	282.40	300						Well acceptance video. Well has 4" casing and screen. The casing and screen are in good condition. The sump is clean.
PTX06- ISB408	7/14/2020	(1) Well video	282.60	300						Well acceptance video. Well has 4" casing and screen. The casing and screen are in good condition. The sump is clean.
PTX06- ISB409	7/14/2020	(1) Well video	282.70	298						Well acceptance video. Well has 4" casing and screen. The casing and screen are in good condition with what appears to be metal slivers inside the screen at 288.7' and 291' btoc. The sump is clean.
PTX06- 1208	7/15/2020	(1) Well video	283.00	289						Well acceptance video. Well has 4" PVC casing and screen in good condition. The sump is clean.
PTX06- ISB410	7/15/2020	(1) Well video	282.90	295						Well acceptance video. Well has 4" stainless steel casing and screen. The casing and screen are in good condition. The sump is clean.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- ISB413	7/15/2020	(1) Well video	280.80	289						Well acceptance video. Well has 4" PVC casing, 20' stainless steel casing and screen. The casing and screen are in good condition. The sump is clean.
PTX06- ISB414	7/15/2020	(1) Well video	281.20	290						Well acceptance video. Well has 4" PVC casing, 20' stainless steel casing and screen. The casing and screen are in good condition. The sump is clean.
PTX06- EW-25	7/22/2020	(1) Extraction well service								Conducted tailgate safety briefing and rig/location checks. Placed LOTO locks on LOTO box. Installed submersible pump and tubing. Changed out the power cable to the pump. P&T techs assisting.
PTX06- REC401A	7/23/2020	(1) Well video	282.00	300						Well acceptance video. Well has 6" PVC casing, stainless steel screen. Casing and screen are in good condition. Sump is clean.
PTX06- REC402	7/23/2020	(1) Well video	281.80	306						Well acceptance video. Well has 6" PVC casing, stainless steel screen. Casing and screen are in good condition. Sump is clean.
PTX06- REC403	7/23/2020	(1) Well video	281.80	300						Well acceptance video. Well has 6" PVC casing, stainless steel screen. Casing and screen are in good condition. Sump is clean. The water is cloudy near bottom of the well.
PTX06- REC404	7/23/2020	(1) Well video	282.10	298						Well acceptance video. Well has 6" PVC casing, stainless steel screen. Casing and screen are in good condition. Sump is clean.
PTX06- 1204	7/24/2020	(1) Bennett pump service						16-28 P&T	3	Installed dedicated bundle and pump after pump test. Pumped 3 gallons of water from well. Pumping good.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06-1138	7/29/2020	(1) Other-explained below	470.30							This entry is made to correct Water Level Measurement made on 6/18/2020 page 2092 incorrectly entered as 270.3'.
PTX06-1128	8/3/2020	(1) Bennett pump service	221.00	243						Install portable tubing bundle and pump in well to support SRS 2018-4992
PTX06-1138	8/3/2020	(1) Bennett pump service								Pulled dedicated bundle, pump, drop tube and lower diverter per WMR instructions.
PTX06-1143	8/3/2020	(1) Bennett pump service								Pull dedicated tubing bundle, pump and lower diverter per WMR instruction.
PTX06-1157	8/3/2020	(1) Bennett pump service								Pulled dedicated bundle, pump, drop tube and lower diverter per WMR instructions
PTX06-1062A	8/5/2020	(1) Bennett pump service								Pulled dedicated tubing bundle and Bennett pump per WMR instructions.
PTX06-1074	8/5/2020	(1) Bennett pump service								Pulled dedicated tubing bundle and Bennett pump per WMR instructions.
PTX06-1141	8/5/2020	(1) Bennett pump service								Pulled dedicated tubing bundle, Bennett pump and lower diverter per WMR instructions.
PTX06-1128	8/11/2020	(1) Well video								Final well video for the chemical rehab study. Well has 6" casing and stainless steel screen. The casing and screen in fair condition. Staining in the screen above top of water. Moderate to heavy iron bacteria in screen below top of water. Sand observed in bottom of sump.
PTX06-1207	8/12/2020	(1) Other-explained below	255.00	272						This entry is to correct water level measurement and total depth measurement from logbook page 2084 entered on 3/11/2020.
PTX06-EW-26	8/12/2020	(1) Extraction well service								Installed submersible pump and tubing in well. P&T techs assisting.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06-EW-31	8/12/2020	(1) Extraction well service								Conducted tailgate safety briefing and daily rig/location checks. Installed submersible pump and tubing in well. P&T techs assisting.
PTX06- ISB402	9/2/2020	(1) Well video								4" PVC casing. Stainless steel screen. Everything in good condition.
PTX06- ISB411	9/2/2020	(1) Well video								Concern was raised by subcontractors about the amount of sand that was being bailed from well. They requested a video to try and get a visual on where the sand was coming from. Technicians met with Cascade drillers and site supervisor to check for damage in casing/screen areas. Subcontractors watched and directed technician to check for areas of concern. 4" Stainless Steel Casing and screen. No outer casing (used tripod and pulley system to lower camera into well). All in good condition. This is NOT a well acceptance video. This was done to assist drillers.
PTX06- REC402	9/2/2020	(1) Well video								6" PVC casing. Stainless steel screen. Everything in good condition.
PTX06- REC403	9/2/2020	(1) Well video								6" PVC casing. Stainless steel screen. Everything in good condition.
PTX06- ISB412	9/16/2020	(1) Well video								4 in. Stainless steel casing & screen all appeared to be in good condition.
PTX06- MEW401	9/16/2020	(1) Well video								6 in. Plastic PVC casing & stainless steel screen are all in good condition.
PTX06- REC407	9/16/2020	(1) Well video								6 in. PVC casing & stainless steel screen are all in good condition.
PTX06- REC408	9/16/2020	(1) Well video								6 in. PVC casing is in good condition. Appears to be some sand & or corrosion in stainless screen 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	Purge Water	Purge Volume (gals)	Comments
PTX06-REC410	9/16/2020	(1) Well video								6 in. PVC casing & stainless steel screen is all in good condition.
PTX06-EW-10	9/21/2020	(1) Well video								6in. Stainless steel casing in good condition, & there seems to be sand and scale debris in screen area.
PTX06-EW-51	9/21/2020	(1) Well video								6in PLASTIC (PVC) CASING IN GOOD CONDITION, & WE SEEMED TO FIND SCALE AS WELL AS SAND DEBRIS IN STAINLESS STEEL SCREEN AREA.
PTX06-EW-67	9/21/2020	(1) Well video								6in plastic (PVC) casing in good condition. Scale and sand located in stainless steel screen area.
PTX06-EW-9	9/21/2020	(1) Well video								6in STAINLESS STEEL CASING IN GOOD CONDITION, AND NEAR BOTTOM OF SCREEN FOUND A LOT OF SCALE AND LITTLE AMOUNTS OF SAND.
PTX06-EW-36	9/22/2020	(1) Well video								6in (PVC) plastic casing in good condition. Lots of sand and scale within stainless steel screen area.
PTX06-EW-42A	9/23/2020	(1) Well video								6in. (PVC) plastic casing is in good condition. Stainless steel screen area contained sand & scale.
PTX06-EW-46	9/23/2020	(1) Well video								6in. (PVC) plastic casing is in good condition. Stainless steel screen area contained sand & scale.
PTX06-1207	9/28/2020	(1) Bennett pump service	255.20	272	254	6.0	260.0			Installed new dedicated tubing bundle in well. Pumped 3 gallons and returned purge water to well. Pumps good, no issues. Texas tech herd of cows co-located at site.
PTX06-1208	9/28/2020	(1) Bennett pump service	283.00	289	282	6.0	288.0			Installed new dedicated tubing bundle in well. Pumped 3 gallons and returned purge water to well. Pumps good, no issues.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- ISB411	10/1/2020	(1) Well video								4" Stainless steel casing and screen. All in good condition. Some sand in sump.
PTX06- EW-17	10/19/2020	(1) Well video								Well has 6" stainless steel casing and screened section. Observed a small blemish in the casing at 169.2' btoc. The casing is in good condition. The screened section has moderate iron bacteria. The sump is clean with minimal sand in it.
PTX06- EW-35	10/19/2020	(1) Well video								Well has 6" PVC casing and 6" stainless steel screen. The PVC collar on top of the casing is busted. The casing and screen are in good condition. The sump is clean.
PTX06- EW-4	10/19/2020	(1) Well video								Well has 6" stainless steel casing and screen. The casing is in good condition. The screen has light iron bacteria. The sump is clean.
PTX06- EW-7	10/19/2020	(1) Well video								Well has 6" stainless steel casing and screen. Observed heavy scale in the casing and heavy scale and iron bacteria in the screen. There is minimal sand in the sump with heavy scale.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06-EW-55	10/21/2020	(1) Well video								Well has 6" PVC casing with 6" stainless steel screen. The casing is in good condition. The top of water is above the screen into the casing. Observed moderate iron bacteria in screen. The water is slightly turbid. The camera had a brown film on it after removal from the well. The sump is full of sand into the bottom of the screen. A piece of possibly PVC was on top of the sand. The fitting on top of the casing is busted.
PTX06-1138	10/22/2020	(1) Bennett pump service						Ditch	3	Installed dedicated tubing bundle, Bennett pump with drop tube attached, and lower diverter. Pumped 3 gallons of water from well, pumping good.
PTX06-1143	10/22/2020	(1) Bennett pump service						Ditch	3	Installed dedicated tubing bundle, Bennett pump and lower diverter. Pumped 3 gallons of water from the well, pumping good.
PTX06-ISB416	11/5/2020	(1) Well video (2) Other-explained below	281.60	290						GPS top of casing and brass tag. 4" stainless steel casing with stainless steel screen. Good condition.
PTX06-REC406	11/5/2020	(1) Well video (2) Other-explained below	281.40	289						GPS top of casing and brass tag. 6" PVC casing with stainless steel screen. Decent condition w/ some scale.
PTX06-REC409	11/5/2020	(1) Well video (2) Other-explained below	280.50	289						GPS top of casing and brass tag. 6" PVC casing with stainless steel screen. Decent condition w/ some scale.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06-REC411	11/5/2020	(1) Well video (2) Other-explained below	281.10	289						GPS top of casing and brass tag. 6" PVC casing with stainless steel screen. Decent condition w/ some scale.
PTX06-1068	11/12/2020	(1) Bennett pump service						Ditch	5	Pulled dedicated tubing bundle, Bennett pump and drop tube. Purged water out of tubing bundle. The bundle will be lengthened by Bennett pumps as the top of water in this well recently dropped below the pump intake. The drop tube will be eliminated when the bundle is lengthened. Installed portable tubing bundle and pump in the well in support of groundwater sampling activities. After sample was collected, pulled portable bundle and pump out of the well and purged water from the bundle to freeze protect.
PTX06-MEW402	11/13/2020	(1) Well video	281.50	295						Video performed for well acceptance purposes. This well has 6" PVC casing and stainless steel screen. The casing is in good condition. The screen is clean with white grainy material near bottom of the screen. The water in the sump is cloudy but the sump appears clean.
PTX06-MEW403	11/13/2020	(1) Well video	281.40	295						Video performed for well acceptance purposes. This well has 6" PVC casing and stainless steel screen. The casing is in good condition. The screen is clean with light sand and white grainy material near bottom of the screen. The water in the sump is cloudy but the sump appears clean.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06-REC405	11/13/2020	(1) Well video	281.50	290						Video performed for well acceptance purposes. This well has 6" PVC casing and stainless steel screen. The casing and screen are in good condition. The sump is clean.
PTX06- ISB326A	11/16/2020	(1) Well video	282.30	294						This video is being made for well acceptance purposes. Well has 4" stainless steel casing and screen. Casing and screen are clean. The sump is clean with minimal sand in bottom. There was an object floating on top of water that kept getting on the down hole view lens.
PTX06- ISB327	11/16/2020	(1) Well video	282.60	294						This video is made for well acceptance purposes. Well has 4" casing and screen. The casing and screen in good condition and clean. The sump is clean with minimal sand on bottom.
PTX06- ISB328	11/16/2020	(1) Well video	282.70	293						This video is made for well acceptance purposes. Well has 4" casing and screen. The casing and screen in good condition and clean. The sump is clean with minimal sand on bottom.
PTX06- ISB329	11/16/2020	(1) Well video	282.80	294						This video is made for well acceptance purposes. Well has 4" casing and screen. The casing and screen in good condition and clean. The sump is clean with minimal sand on bottom. Observed a foreign object stuck in the screen at ~ 285'-286' btoc.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Purge Water	Purge Volume (gals)	Comments
PTX06- ISB415	11/16/2020	(1) Well video	281.30	288						Well acceptance video. This well has 4" stainless steel casing and screen in good condition. The sump is clean with minimal amount of sand on bottom. Observed slender foreign object in bottom of sump on top of the sand. The object appears insignificant.
PTX06- ISB010	11/17/2020	(1) Well video								Perform well video to assess casing condition. Well has 4" PVC casing. Observed deep scratches in the casing @ 8.5 and 17.5 btoc. The scratches didn't appear to be splits in the casing. Inspected entire casing and each casing joint down to top of screen. No obvious signs of damage were observed.
PTX06- 1068	12/16/2020	(1) Bennett pump service	532.90	801	572		572.0	Ditch	4	Bennett Sample Pumps added 53' in length to the dedicated tubing bundle. This will get the pump intake well below top of water while eliminating the need for a drop tube. Installed the dedicated tubing bundle and Bennett pump in the well. Pumped 4 gallons of water. Pumping good.
PTX07- 1R03	12/23/2020	(1) Bennett pump service								The Solinst water level probe became stuck in the dedicated tubing bundle during semi-annual well depth measurements. Returned to location with well maintenance trailer. Pulled tubing bundle to the point where the probe was stuck in the bundle. Retrieved the probe and re-installed dedicated tubing bundle.

btoc – below top of casing

¹Water 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.

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

⁴Purge water is only released to ditches from clean Ogallala wells. All other water is manager through the pump and treat systems or properly disposed of.

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

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX01-1010	Ogallala	2/3/2020	507.60	3068.55		
PTX01-1010	Ogallala	7/15/2020	513.00	3063.15		
PTX01-1010	Ogallala	7/23/2020	513.30	3062.85		
PTX01-1010	Ogallala	12/18/2020	510.70	3065.45		
PTX01-1011	Ogallala	2/3/2020	504.60	3070.47		
PTX01-1011	Ogallala	7/15/2020	506.60	3068.47		
PTX01-1011	Ogallala	7/23/2020	506.90	3068.17		
PTX01-1011	Ogallala	12/18/2020	508.10	3066.97		
PTX01-1012	Ogallala	2/10/2020	519.00	3055.76		
PTX01-1012	Ogallala	7/13/2020	533.10	3041.66		
PTX01-1012	Ogallala	12/17/2020	522.70	3052.06		
PTX01-1013	Ogallala	2/10/2020	515.70	3068.60		
PTX01-1013	Ogallala	7/13/2020	526.00	3058.30		
PTX01-1013	Ogallala	12/17/2020	518.40	3065.90		
PTX06-1043	Ogallala	1/27/2020	453.20	3071.44		
PTX06-1043	Ogallala	7/14/2020	454.00	3070.64		
PTX06-1043	Ogallala	7/27/2020	454.20	3070.44		
PTX06-1043	Ogallala	12/18/2020	454.50	3070.14		
PTX06-1044	Ogallala	6/17/2020	501.20	3043.31		
PTX06-1044	Ogallala	7/14/2020	501.60	3042.91		
PTX06-1044	Ogallala	10/19/2020	502.40	3042.11		
PTX06-1044	Ogallala	12/17/2020	502.90	3041.61		
PTX06-1056	Ogallala	2/10/2020	400.60	3132.36		
PTX06-1056	Ogallala	8/5/2020	400.80	3132.16		
PTX06-1056	Ogallala	8/5/2020	400.80	3132.16		
PTX06-1056	Ogallala	11/17/2020	401.10	3131.86		
PTX06-1056	Ogallala	12/18/2020	401.70	3131.26		
PTX06-1057A	Ogallala	6/16/2020	475.70	3091.40		
PTX06-1057A	Ogallala	7/15/2020	475.80	3091.30		
PTX06-1057A	Ogallala	12/18/2020	476.20	3090.90		
PTX06-1058	Ogallala	7/15/2020	404.90	3163.65		
PTX06-1058	Ogallala	7/27/2020	405.00	3163.55		
PTX06-1058	Ogallala	12/18/2020	405.20	3163.35		
PTX06-1059	Ogallala	7/15/2020	421.20	3126.83		
PTX06-1059	Ogallala	7/27/2020	421.30	3126.73		
PTX06-1059	Ogallala	12/18/2020	421.80	3126.23		
PTX06-1060	Ogallala	6/16/2020	358.50	3214.26		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1060	Ogallala	7/13/2020	358.30	3214.46		
PTX06-1060	Ogallala	12/17/2020	358.40	3214.36		
PTX06-1061	Ogallala	6/16/2020	513.40	3078.54		
PTX06-1061	Ogallala	7/13/2020	514.50	3077.44		
PTX06-1061	Ogallala	12/17/2020	513.70	3078.24		
PTX06-1062A	Ogallala	2/3/2020	512.20	3061.76		
PTX06-1062A	Ogallala	7/15/2020	516.00	3057.96		
PTX06-1062A	Ogallala	7/23/2020	516.20	3057.76		
PTX06-1062A	Ogallala	12/18/2020	516.00	3057.96		
PTX06-1064	Ogallala	7/13/2020	523.20	3041.43		
PTX06-1064	Ogallala	11/12/2020	521.80	3042.83		
PTX06-1064	Ogallala	12/17/2020	522.40	3042.23		
PTX06-1068	Ogallala	6/16/2020	530.00	3008.71		
PTX06-1068	Ogallala	7/14/2020	531.60	3007.11		
PTX06-1068	Ogallala	11/12/2020	533.40	3005.31		
PTX06-1068	Ogallala	12/16/2020	532.90	3005.81		
PTX06-1068	Ogallala	12/17/2020	532.90	3005.81		
PTX06-1072	Ogallala	1/29/2020	420.70	3131.10		
PTX06-1072	Ogallala	7/15/2020	421.00	3130.80		
PTX06-1072	Ogallala	7/23/2020	421.00	3130.80		
PTX06-1072	Ogallala	12/18/2020	421.30	3130.50		
PTX06-1074	Ogallala	6/16/2020	429.40	3149.03		
PTX06-1074	Ogallala	7/13/2020	429.40	3149.03		
PTX06-1074	Ogallala	12/17/2020	429.80	3148.63		
PTX06-1075	Ogallala	7/14/2020	352.10	3196.36		
PTX06-1075	Ogallala	7/27/2020	353.00	3195.46		
PTX06-1075	Ogallala	12/18/2020	352.10	3196.36		
PTX06-1076	Ogallala	6/17/2020	346.90	3183.46		
PTX06-1076	Ogallala	7/15/2020	347.00	3183.36		
PTX06-1076	Ogallala	8/26/2020	347.70	3182.66		
PTX06-1076	Ogallala	10/20/2020	346.50	3183.86		
PTX06-1076	Ogallala	12/18/2020	347.40	3182.96		
PTX06-1137A	Ogallala	6/17/2020	476.90	3052.71		
PTX06-1137A	Ogallala	7/13/2020	477.00	3052.61		
PTX06-1137A	Ogallala	10/19/2020	477.60	3052.01		
PTX06-1137A	Ogallala	12/17/2020	477.80	3051.81		
PTX06-1138	Ogallala	6/30/2020	470.20	3066.50		
PTX06-1138	Ogallala	7/13/2020	470.40	3066.30		
PTX06-1138	Ogallala	11/12/2020	471.00	3065.70		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1138	Ogallala	12/17/2020	471.20	3065.50		
PTX06-1139	Ogallala	1/27/2020	442.00	3089.73		
PTX06-1139	Ogallala	7/13/2020	442.30	3089.43		
PTX06-1139	Ogallala	7/27/2020	442.50	3089.23		
PTX06-1139	Ogallala	12/16/2020	442.50	3089.23		
PTX06-1140	Ogallala	6/17/2020	496.60	3032.79		
PTX06-1140	Ogallala	7/13/2020	497.00	3032.39		
PTX06-1140	Ogallala	10/19/2020	497.60	3031.79		
PTX06-1140	Ogallala	12/17/2020	497.80	3031.59		
PTX06-1141	Ogallala	1/29/2020	484.20	3078.53		
PTX06-1141	Ogallala	7/15/2020	484.50	3078.23		
PTX06-1141	Ogallala	12/18/2020	486.20	3076.53		
PTX06-1143	Ogallala	6/22/2020	502.60	3045.34		
PTX06-1143	Ogallala	7/14/2020	501.30	3046.64		
PTX06-1143	Ogallala	11/12/2020	502.80	3045.14		
PTX06-1143	Ogallala	12/17/2020	502.40	3045.54		
PTX06-1144	Ogallala	6/22/2020	501.30	3027.28		
PTX06-1144	Ogallala	7/14/2020	501.80	3026.78		
PTX06-1144	Ogallala	10/20/2020	501.00	3027.58		
PTX06-1144	Ogallala	12/17/2020	501.70	3026.88		
PTX06-1157	Ogallala	1/27/2020	398.50	3127.45		
PTX06-1157	Ogallala	7/13/2020	398.70	3127.25		
PTX06-1157	Ogallala	7/27/2020	398.90	3127.05		
PTX06-1157	Ogallala	12/16/2020	399.50	3126.45		
PTX07-1R01	Ogallala	7/16/2020	460.30	3111.57		
PTX07-1R01	Ogallala	7/27/2020	460.30	3111.57		
PTX07-1R01	Ogallala	12/21/2020	460.50	3111.37		
PTX08-1011A	Ogallala	8/6/2020	410.10	3166.48		
PTX08-1011A	Ogallala	12/18/2020	410.30	3166.28		
1114-MW4	Perched	7/15/2020	274.50	3276.23		
1114-MW4	Perched	11/16/2020	274.60	3276.13		
1114-MW4	Perched	12/17/2020	274.50	3276.23		
OW-WR-38	Perched	6/29/2020	214.00	3307.94		
OW-WR-38	Perched	7/14/2020	214.20	3307.74		
OW-WR-38	Perched	12/18/2020	216.00	3305.94		
OW-WR-45	Perched	7/16/2020	263.90	3283.20		
OW-WR-45	Perched	12/17/2020	263.20	3283.90		
PTX01-1001	Perched	7/15/2020	285.80	3283.36		
PTX01-1001	Perched	11/9/2020	285.60	3283.56		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX01-1001	Perched	12/18/2020	285.40	3283.76		
PTX01-1004	Perched	7/16/2020	Dry			
PTX01-1004	Perched	12/18/2020	Dry			
PTX01-1006	Perched	7/16/2020	Dry			
PTX01-1006	Perched	12/18/2020	Dry			
PTX01-1007	Perched	7/16/2020	Dry			
PTX01-1007	Perched	12/18/2020	263.10	3313.64		
PTX01-1008	Perched	7/16/2020	273.50	3297.28		
PTX01-1008	Perched	11/16/2020	273.00	3297.78		
PTX01-1008	Perched	12/18/2020	272.70	3298.08		
PTX01-1009	Perched	7/15/2020	287.70	3281.61		
PTX01-1009	Perched	12/18/2020	287.30	3282.01		
PTX01-1014A	Perched	7/16/2020	Dry			
PTX01-1014A	Perched	12/21/2020	Dry			
PTX04-1002	Perched	7/14/2020	223.70	3307.55		
PTX04-1002	Perched	12/16/2020	223.70	3307.55		
PTX06-1002A	Perched	2/17/2020	260.30	3281.08		
PTX06-1002A	Perched	7/13/2020	259.80	3281.58		
PTX06-1002A	Perched	12/17/2020	259.40	3281.98		
PTX06-1003	Perched	7/13/2020	264.50	3275.32		
PTX06-1003	Perched	12/17/2020	265.60	3274.22		
PTX06-1005	Perched	2/17/2020	279.50	3258.41		
PTX06-1005	Perched	7/13/2020	279.10	3258.81		
PTX06-1005	Perched	8/11/2020	279.30	3258.61		
PTX06-1005	Perched	12/17/2020	279.40	3258.51		
PTX06-1006	Perched	7/16/2020	269.70	3275.22		
PTX06-1006	Perched	11/18/2020	269.50	3275.42		
PTX06-1006	Perched	12/18/2020	269.40	3275.52		
PTX06-1007	Perched	7/15/2020	270.20	3276.50		
PTX06-1007	Perched	11/18/2020	270.00	3276.70		
PTX06-1007	Perched	12/17/2020	270.10	3276.60		
PTX06-1008	Perched	7/7/2020	268.90	3280.28		
PTX06-1008	Perched	7/15/2020	269.00	3280.18		
PTX06-1008	Perched	12/17/2020	268.60	3280.58		
PTX06-1009	Perched	7/15/2020	266.00	3280.61		
PTX06-1009	Perched	12/17/2020	266.00	3280.61		
PTX06-1010	Perched	7/8/2020	259.70	3286.46		
PTX06-1010	Perched	7/16/2020	259.80	3286.36		
PTX06-1010	Perched	12/18/2020	259.90	3286.26		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1011	Perched	7/8/2020	275.80	3269.57		
PTX06-1011	Perched	7/16/2020	275.90	3269.47		
PTX06-1011	Perched	12/18/2020	275.60	3269.77		
PTX06-1012	Perched	2/24/2020	268.97	3271.89		
PTX06-1012	Perched	7/14/2020	269.30	3271.56		
PTX06-1012	Perched	11/12/2020	269.00	3271.86		
PTX06-1012	Perched	12/16/2020	269.05	3271.81		
PTX06-1013	Perched	6/29/2020	249.10	3295.14		
PTX06-1013	Perched	7/14/2020	249.10	3295.14		
PTX06-1013	Perched	12/17/2020	249.10	3295.14		
PTX06-1014	Perched	7/13/2020	278.40	3254.74		
PTX06-1014	Perched	8/12/2020	278.40	3254.74		
PTX06-1014	Perched	12/17/2020	278.30	3254.84		
PTX06-1015	Perched	3/3/2020	288.00	3242.10		
PTX06-1015	Perched	7/14/2020	287.90	3242.20		
PTX06-1015	Perched	12/18/2020	287.90	3242.20		
PTX06-1017	Perched	7/13/2020	279.50	3254.16		
PTX06-1017	Perched	12/17/2020	279.30	3254.36		
PTX06-1023	Perched	2/18/2020	247.20	3297.23		
PTX06-1023	Perched	7/14/2020	246.90	3297.53		
PTX06-1023	Perched	12/17/2020	247.00	3297.43		
PTX06-1030	Perched	7/13/2020	Dry			
PTX06-1030	Perched	8/13/2020	Dry			
PTX06-1030	Perched	12/16/2020	Dry			
PTX06-1031	Perched	7/6/2020	284.90	3244.51		
PTX06-1031	Perched	7/13/2020	284.90	3244.51		
PTX06-1031	Perched	11/10/2020	285.10	3244.31		
PTX06-1031	Perched	12/16/2020	285.10	3244.31		
PTX06-1034	Perched	2/18/2020	283.40	3241.52		
PTX06-1034	Perched	7/13/2020	283.20	3241.72		
PTX06-1034	Perched	8/4/2020	283.20	3241.72		
PTX06-1034	Perched	12/16/2020	283.30	3241.62		
PTX06-1035	Perched	2/17/2020	270.40	3271.29		
PTX06-1035	Perched	7/13/2020	270.10	3271.59		
PTX06-1035	Perched	7/22/2020	270.30	3271.39		
PTX06-1035	Perched	12/17/2020	270.20	3271.49		
PTX06-1036	Perched	7/15/2020	284.70	3249.91		
PTX06-1036	Perched	12/18/2020	284.80	3249.81		
PTX06-1037	Perched	2/18/2020	280.21	3248.14		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1037	Perched	7/14/2020	280.00	3248.35		
PTX06-1037	Perched	8/19/2020	279.79	3248.56		
PTX06-1037	Perched	11/18/2020	279.80	3248.55		
PTX06-1037	Perched	12/16/2020	279.80	3248.55		
PTX06-1038	Perched	2/19/2020	266.60	3275.69		
PTX06-1038	Perched	7/13/2020	266.20	3276.09		
PTX06-1038	Perched	12/17/2020	266.10	3276.19		
PTX06-1039A	Perched	2/17/2020	274.50	3266.21		
PTX06-1039A	Perched	7/13/2020	274.20	3266.51		
PTX06-1039A	Perched	12/17/2020	274.20	3266.51		
PTX06-1040	Perched	6/25/2020	279.60	3260.06		
PTX06-1040	Perched	6/25/2020	279.60	3260.06		
PTX06-1040	Perched	7/13/2020	279.60	3260.06		
PTX06-1040	Perched	11/9/2020	280.30	3259.36		
PTX06-1040	Perched	12/17/2020	280.50	3259.16		
PTX06-1041	Perched	6/25/2020	278.60	3260.16		
PTX06-1041	Perched	7/13/2020	278.70	3260.06		
PTX06-1041	Perched	11/9/2020	279.60	3259.16		
PTX06-1041	Perched	12/17/2020	279.50	3259.26		
PTX06-1042	Perched	6/25/2020	279.70	3255.67		
PTX06-1042	Perched	6/25/2020	279.90	3255.47		
PTX06-1042	Perched	7/13/2020	278.70	3256.67		
PTX06-1042	Perched	11/9/2020	278.50	3256.87		
PTX06-1042	Perched	12/17/2020	278.60	3256.77		
PTX06-1045	Perched	2/18/2020	279.65	3248.55		
PTX06-1045	Perched	7/14/2020	279.10	3249.10		
PTX06-1045	Perched	12/16/2020	279.30	3248.90		
PTX06-1046	Perched	6/24/2020	281.20	3246.59		
PTX06-1046	Perched	7/14/2020	281.20	3246.59		
PTX06-1046	Perched	11/10/2020	281.10	3246.69		
PTX06-1046	Perched	12/16/2020	281.00	3246.79		
PTX06-1047A	Perched	6/24/2020	279.20	3247.27		
PTX06-1047A	Perched	7/14/2020	279.10	3247.37		
PTX06-1047A	Perched	11/23/2020	279.00	3247.47		
PTX06-1047A	Perched	12/16/2020	279.00	3247.47		
PTX06-1048A	Perched	6/29/2020	236.90	3303.64		
PTX06-1048A	Perched	7/14/2020	236.80	3303.74		
PTX06-1048A	Perched	12/17/2020	236.80	3303.74		
PTX06-1049	Perched	7/15/2020	275.30	3281.28		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1049	Perched	8/5/2020	275.30	3281.28		
PTX06-1049	Perched	12/18/2020	275.10	3281.48		
PTX06-1050	Perched	3/5/2020	258.70	3295.68		
PTX06-1050	Perched	7/16/2020	257.70	3296.68		
PTX06-1050	Perched	12/17/2020	257.00	3297.38		
PTX06-1051	Perched	7/14/2020	Dry			
PTX06-1051	Perched	12/18/2020	293.00	3239.29		
PTX06-1052	Perched	3/3/2020	278.20	3258.80		
PTX06-1052	Perched	7/14/2020	277.50	3259.50		
PTX06-1052	Perched	8/5/2020	277.40	3259.60		
PTX06-1052	Perched	12/18/2020	277.40	3259.60		
PTX06-1053	Perched	3/3/2020	250.30	3269.54		
PTX06-1053	Perched	7/15/2020	250.30	3269.54		
PTX06-1053	Perched	12/18/2020	250.20	3269.64		
PTX06-1068	Perched	12/16/2020			801	2337.71
PTX06-1069	Perched	7/13/2020	252.30	3280.71		
PTX06-1069	Perched	8/12/2020	253.20	3279.81		
PTX06-1069	Perched	12/17/2020	253.40	3279.61		
PTX06-1071	Perched	7/14/2020	223.30	3307.85		
PTX06-1071	Perched	12/16/2020	223.30	3307.85		
PTX06-1073A	Perched	7/15/2020	Dry			
PTX06-1073A	Perched	12/17/2020	Dry			
PTX06-1077A	Perched	7/15/2020	270.50	3278.95		
PTX06-1077A	Perched	8/12/2020	270.40	3279.05		
PTX06-1077A	Perched	12/17/2020	270.10	3279.35		
PTX06-1078	Perched	7/14/2020	Dry			
PTX06-1078	Perched	12/17/2020	Dry			
PTX06-1079	Perched	7/14/2020	271.60	3271.38		
PTX06-1079	Perched	12/17/2020	271.80	3271.18		
PTX06-1080	Perched	7/14/2020	273.00	3263.24		
PTX06-1080	Perched	12/17/2020	273.00	3263.24		
PTX06-1081	Perched	7/14/2020	226.10	3307.35		
PTX06-1081	Perched	12/17/2020	226.30	3307.15		
PTX06-1082	Perched	7/13/2020	175.30	3293.61		
PTX06-1082	Perched	12/21/2020	174.50	3294.41		
PTX06-1083	Perched	7/13/2020	179.60	3288.59		
PTX06-1083	Perched	12/21/2020	179.50	3288.69		
PTX06-1084	Perched	7/13/2020	206.00	3273.67		
PTX06-1084	Perched	12/17/2020	204.40	3275.27		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1085	Perched	7/15/2020	258.30	3275.50		
PTX06-1085	Perched	12/18/2020	258.30	3275.50		
PTX06-1086	Perched	7/15/2020	249.70	3276.26		
PTX06-1086	Perched	12/18/2020	249.70	3276.26		
PTX06-1087	Perched	7/15/2020	252.90	3281.16		
PTX06-1087	Perched	12/18/2020	253.20	3280.86		
PTX06-1088	Perched	7/8/2020	276.60	3267.31		
PTX06-1088	Perched	7/16/2020	276.70	3267.21		
PTX06-1088	Perched	11/18/2020	276.40	3267.51		
PTX06-1088	Perched	12/18/2020	276.30	3267.61		
PTX06-1089	Perched	7/13/2020	Dry			
PTX06-1089	Perched	12/17/2020	272.30	3263.16		
PTX06-1090	Perched	7/13/2020	Dry			
PTX06-1090	Perched	12/17/2020	Dry			
PTX06-1091	Perched	7/13/2020	Dry			
PTX06-1091	Perched	12/16/2020	Dry			
PTX06-1093	Perched	7/13/2020	Dry			
PTX06-1093	Perched	12/17/2020	Dry			
PTX06-1095A	Perched	7/6/2020	277.20	3258.53		
PTX06-1095A	Perched	7/13/2020	277.20	3258.53		
PTX06-1095A	Perched	11/9/2020	277.40	3258.33		
PTX06-1095A	Perched	12/17/2020	277.60	3258.13		
PTX06-1097	Perched	7/15/2020	Dry			
PTX06-1097	Perched	12/18/2020	Dry			
PTX06-1098	Perched	2/17/2020	279.07	3255.32		
PTX06-1098	Perched	7/16/2020	278.40	3255.99		
PTX06-1098	Perched	12/16/2020	278.30	3256.09		
PTX06-1100	Perched	2/17/2020	279.64	3254.99		
PTX06-1100	Perched	7/16/2020	279.10	3255.53		
PTX06-1100	Perched	12/16/2020	279.03	3255.60		
PTX06-1101	Perched	2/17/2020	279.03	3254.52		
PTX06-1101	Perched	7/16/2020	278.40	3255.15		
PTX06-1101	Perched	12/16/2020	278.30	3255.25		
PTX06-1102	Perched	7/14/2020	288.10	3246.82		
PTX06-1102	Perched	12/18/2020	Dry			
PTX06-1103	Perched	7/14/2020	Dry			
PTX06-1103	Perched	11/17/2020	Dry			
PTX06-1103	Perched	12/18/2020	Dry			
PTX06-1104	Perched	7/16/2020	Dry			

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1104	Perched	12/16/2020	Dry			
PTX06-1106	Perched	7/16/2020	Dry			
PTX06-1106	Perched	12/16/2020	Dry			
PTX06-1107	Perched	7/16/2020	Dry			
PTX06-1107	Perched	12/16/2020	Dry			
PTX06-1109	Perched	7/14/2020	221.60	3297.72		
PTX06-1109	Perched	12/17/2020	220.80	3298.52		
PTX06-1110	Perched	7/14/2020	224.90	3296.63		
PTX06-1110	Perched	12/17/2020	223.50	3298.03		
PTX06-1112	Perched	7/14/2020	237.60	3305.87		
PTX06-1112	Perched	12/17/2020	239.60	3303.87		
PTX06-1113	Perched	7/14/2020	239.90	3305.57		
PTX06-1113	Perched	12/17/2020	241.80	3303.67		
PTX06-1115	Perched	7/14/2020	228.05	3301.13		
PTX06-1115	Perched	12/17/2020	228.60	3300.58		
PTX06-1116	Perched	7/14/2020	230.40	3299.76		
PTX06-1116	Perched	12/17/2020	230.60	3299.56		
PTX06-1117	Perched	7/14/2020	230.00	3301.03		
PTX06-1117	Perched	12/17/2020	230.40	3300.63		
PTX06-1118	Perched	7/15/2020	Dry			
PTX06-1118	Perched	12/16/2020	Dry			
PTX06-1120	Perched	7/14/2020	279.50	3248.08		
PTX06-1120	Perched	11/10/2020	279.60	3247.98		
PTX06-1120	Perched	12/16/2020	279.60	3247.98		
PTX06-1121	Perched	7/14/2020	Dry			
PTX06-1121	Perched	12/16/2020	279.50	3247.03		
PTX06-1122	Perched	7/14/2020	Dry			
PTX06-1122	Perched	12/18/2020	Dry			
PTX06-1123	Perched	2/18/2020	279.65	3249.38		
PTX06-1123	Perched	7/14/2020	279.50	3249.53		
PTX06-1123	Perched	8/19/2020	279.31	3249.72		
PTX06-1123	Perched	12/16/2020	279.33	3249.70		
PTX06-1125	Perched	7/14/2020	Dry			
PTX06-1125	Perched	12/16/2020	Dry			
PTX06-1126	Perched	6/25/2020	269.00	3273.45		
PTX06-1126	Perched	6/25/2020	269.00	3273.45		
PTX06-1126	Perched	7/13/2020	268.50	3273.95		
PTX06-1126	Perched	11/11/2020	269.10	3273.35		
PTX06-1126	Perched	12/17/2020	269.10	3273.35		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1127	Perched	6/24/2020	265.30	3273.30		
PTX06-1127	Perched	7/13/2020	265.10	3273.50		
PTX06-1127	Perched	11/11/2020	265.50	3273.10		
PTX06-1127	Perched	12/17/2020	265.40	3273.20		
PTX06-1128	Perched	7/14/2020	221.00	3300.96		
PTX06-1128	Perched	8/3/2020	221.00	3300.96	243	3278.96
PTX06-1128	Perched	12/18/2020	220.90	3301.06		
PTX06-1129	Perched	7/14/2020	227.70	3294.84		
PTX06-1129	Perched	12/17/2020	227.10	3295.44		
PTX06-1130	Perched	7/13/2020	Dry			
PTX06-1130	Perched	11/18/2020	Dry			
PTX06-1130	Perched	12/17/2020	Dry			
PTX06-1131	Perched	6/25/2020	279.80	3269.57		
PTX06-1131	Perched	7/14/2020	279.70	3269.67		
PTX06-1131	Perched	12/17/2020	279.70	3269.67		
PTX06-1133A	Perched	6/30/2020	275.80	3244.85		
PTX06-1133A	Perched	7/13/2020	275.80	3244.85		
PTX06-1133A	Perched	11/10/2020	276.20	3244.45		
PTX06-1133A	Perched	12/16/2020	276.30	3244.35		
PTX06-1134	Perched	7/7/2020	266.40	3271.79		
PTX06-1134	Perched	7/15/2020	266.60	3271.59		
PTX06-1134	Perched	11/17/2020	266.40	3271.79		
PTX06-1134	Perched	12/18/2020	266.30	3271.89		
PTX06-1135	Perched	7/15/2020	Dry			
PTX06-1135	Perched	12/18/2020	273.30	3262.23		
PTX06-1136	Perched	7/15/2020	Dry			
PTX06-1136	Perched	12/18/2020	Dry			
PTX06-1146	Perched	1/7/2020	277.60	3258.49		
PTX06-1146	Perched	2/18/2020	277.90	3258.19		
PTX06-1146	Perched	7/13/2020	278.00	3258.09		
PTX06-1146	Perched	8/4/2020	278.00	3258.09		
PTX06-1146	Perched	12/17/2020	278.30	3257.79		
PTX06-1147	Perched	7/6/2020	286.10	3243.65		
PTX06-1147	Perched	7/6/2020	286.10	3243.65		
PTX06-1147	Perched	7/13/2020	286.00	3243.75		
PTX06-1147	Perched	11/10/2020	286.10	3243.65		
PTX06-1147	Perched	12/16/2020	286.10	3243.65		
PTX06-1148	Perched	2/19/2020	254.94	3271.18		
PTX06-1148	Perched	7/14/2020	254.90	3271.22		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1148	Perched	11/17/2020	254.90	3271.22		
PTX06-1148	Perched	12/16/2020	254.80	3271.32		
PTX06-1149	Perched	2/19/2020	259.34	3272.11		
PTX06-1149	Perched	7/14/2020	259.40	3272.05		
PTX06-1149	Perched	11/17/2020	259.47	3271.98		
PTX06-1149	Perched	12/16/2020	259.32	3272.13		
PTX06-1150	Perched	2/19/2020	261.40	3272.59		
PTX06-1150	Perched	7/14/2020	261.50	3272.49		
PTX06-1150	Perched	11/17/2020	261.63	3272.36		
PTX06-1150	Perched	12/16/2020	261.41	3272.58		
PTX06-1151	Perched	3/4/2020	273.30	3273.38		
PTX06-1151	Perched	7/15/2020	273.30	3273.38		
PTX06-1151	Perched	8/6/2020	273.20	3273.48		
PTX06-1151	Perched	12/17/2020	273.10	3273.58		
PTX06-1153	Perched	2/18/2020	281.10	3248.19		
PTX06-1153	Perched	7/14/2020	280.80	3248.49		
PTX06-1153	Perched	8/19/2020	280.58	3248.71		
PTX06-1153	Perched	12/16/2020	280.51	3248.78		
PTX06-1154	Perched	2/18/2020	279.19	3248.95		
PTX06-1154	Perched	7/14/2020	279.10	3249.04		
PTX06-1154	Perched	8/19/2020	278.87	3249.27		
PTX06-1154	Perched	11/18/2020	278.85	3249.29		
PTX06-1154	Perched	12/16/2020	278.88	3249.26		
PTX06-1155	Perched	2/24/2020	268.80	3273.12		
PTX06-1155	Perched	7/13/2020	269.00	3272.92		
PTX06-1155	Perched	11/12/2020	268.90	3273.02		
PTX06-1155	Perched	12/16/2020	268.86	3273.06		
PTX06-1156	Perched	2/24/2020	256.90	3272.52		
PTX06-1156	Perched	7/14/2020	257.00	3272.42		
PTX06-1156	Perched	11/12/2020	256.90	3272.52		
PTX06-1156	Perched	12/16/2020	256.92	3272.50		
PTX06-1158	Perched	7/13/2020	Dry			
PTX06-1158	Perched	12/16/2020	Dry			
PTX06-1159	Perched	2/19/2020	269.60	3272.27		
PTX06-1159	Perched	7/13/2020	269.40	3272.47		
PTX06-1159	Perched	7/22/2020	269.50	3272.37		
PTX06-1159	Perched	12/17/2020	269.40	3272.47		
PTX06-1160	Perched	2/19/2020	273.40	3273.19		
PTX06-1160	Perched	7/13/2020	273.00	3273.59		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1160	Perched	7/22/2020	273.10	3273.49		
PTX06-1160	Perched	12/17/2020	273.00	3273.59		
PTX06-1164	Perched	2/26/2020	272.58	3272.80		
PTX06-1164	Perched	7/14/2020	272.50	3272.88		
PTX06-1164	Perched	11/30/2020	272.00	3273.38		
PTX06-1164	Perched	12/10/2020	271.80	3273.58		
PTX06-1164	Perched	12/16/2020	272.00	3273.38		
PTX06-1166	Perched	7/14/2020	281.80	3251.66		
PTX06-1166	Perched	8/5/2020	281.80	3251.66		
PTX06-1166	Perched	12/18/2020	281.70	3251.76		
PTX06-1167	Perched	7/14/2020	Dry			
PTX06-1167	Perched	12/18/2020	Dry			
PTX06-1168	Perched	7/14/2020	277.70	3255.99		
PTX06-1168	Perched	12/17/2020	277.90	3255.79		
PTX06-1169	Perched	2/26/2020	267.16	3272.56		
PTX06-1169	Perched	7/13/2020	267.30	3272.42		
PTX06-1169	Perched	12/1/2020	266.91	3272.81		
PTX06-1169	Perched	12/16/2020	267.16	3272.56		
PTX06-1170	Perched	3/3/2020	269.87	3272.87		
PTX06-1170	Perched	7/13/2020	270.10	3272.64		
PTX06-1170	Perched	12/1/2020	269.60	3273.14		
PTX06-1170	Perched	12/16/2020	269.90	3272.84		
PTX06-1171	Perched	7/13/2020	271.30	3273.24		
PTX06-1171	Perched	8/11/2020	271.40	3273.14		
PTX06-1171	Perched	12/17/2020	271.20	3273.34		
PTX06-1173	Perched	2/25/2020	270.63	3272.34		
PTX06-1173	Perched	7/13/2020	270.60	3272.37		
PTX06-1173	Perched	11/16/2020	270.25	3272.72		
PTX06-1173	Perched	12/16/2020	270.27	3272.70		
PTX06-1174	Perched	2/25/2020	271.85	3272.44		
PTX06-1174	Perched	7/13/2020	271.80	3272.49		
PTX06-1174	Perched	11/16/2020	271.24	3273.05		
PTX06-1174	Perched	12/16/2020	271.33	3272.96		
PTX06-1175	Perched	2/25/2020	273.09	3272.20		
PTX06-1175	Perched	7/14/2020	272.90	3272.39		
PTX06-1175	Perched	11/16/2020	272.60	3272.69		
PTX06-1175	Perched	12/16/2020	272.55	3272.74		
PTX06-1176	Perched	3/3/2020	271.49	3272.66		
PTX06-1176	Perched	7/13/2020	271.60	3272.55		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1176	Perched	12/1/2020	270.60	3273.55		
PTX06-1176	Perched	12/16/2020	271.08	3273.07		
PTX06-1177	Perched	2/26/2020	272.35	3272.39		
PTX06-1177	Perched	7/14/2020	272.10	3272.64		
PTX06-1177	Perched	11/30/2020	271.70	3273.04		
PTX06-1177	Perched	12/10/2020	271.55	3273.19		
PTX06-1177	Perched	12/16/2020	271.70	3273.04		
PTX06-1180	Perched	3/4/2020	274.10	3273.27		
PTX06-1180	Perched	7/15/2020	274.10	3273.27		
PTX06-1180	Perched	8/6/2020	273.90	3273.47		
PTX06-1180	Perched	12/17/2020	273.80	3273.57		
PTX06-1181	Perched	3/4/2020	274.00	3273.41		
PTX06-1181	Perched	7/15/2020	273.90	3273.51		
PTX06-1181	Perched	8/6/2020	273.80	3273.61		
PTX06-1181	Perched	12/17/2020	273.70	3273.71		
PTX06-1182	Perched	6/30/2020	277.00	3240.32		
PTX06-1182	Perched	7/13/2020	276.90	3240.42		
PTX06-1182	Perched	10/21/2020	277.00	3240.32		
PTX06-1182	Perched	12/16/2020	277.10	3240.22		
PTX06-1183	Perched	7/7/2020	280.00	3254.32		
PTX06-1183	Perched	7/14/2020	279.90	3254.42		
PTX06-1183	Perched	11/17/2020	280.00	3254.32		
PTX06-1183	Perched	12/18/2020	279.90	3254.42		
PTX06-1184	Perched	7/13/2020	273.20	3242.97		
PTX06-1184	Perched	12/16/2020	273.70	3242.47		
PTX06-1185	Perched	6/30/2020	279.60	3237.77		
PTX06-1185	Perched	7/13/2020	279.40	3237.97		
PTX06-1185	Perched	10/21/2020	279.40	3237.97		
PTX06-1185	Perched	12/16/2020	279.40	3237.97		
PTX06-1188	Perched	7/14/2020	Dry			
PTX06-1188	Perched	12/18/2020	Dry			
PTX06-1189	Perched	7/14/2020	Dry			
PTX06-1189	Perched	12/18/2020	Dry			
PTX06-1190	Perched	6/30/2020	281.90	3236.69		
PTX06-1190	Perched	7/13/2020	281.70	3236.89		
PTX06-1190	Perched	10/21/2020	281.70	3236.89		
PTX06-1190	Perched	12/16/2020	281.80	3236.79		
PTX06-1191	Perched	2/3/2020	281.13	3233.95		
PTX06-1191	Perched	7/14/2020	281.20	3233.88		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1191	Perched	8/24/2020	280.96	3234.12		
PTX06-1191	Perched	12/16/2020	281.11	3233.97		
PTX06-1192	Perched	2/26/2020	281.00	3231.32		
PTX06-1192	Perched	7/14/2020	280.90	3231.42		
PTX06-1192	Perched	8/4/2020	280.90	3231.42		
PTX06-1192	Perched	12/16/2020	280.80	3231.52		
PTX06-1193	Perched	7/14/2020	270.30	3240.07		
PTX06-1193	Perched	12/16/2020	Dry			
PTX06-1194	Perched	2/3/2020	279.28	3235.47		
PTX06-1194	Perched	7/14/2020	279.30	3235.45		
PTX06-1194	Perched	8/24/2020	279.00	3235.75		
PTX06-1194	Perched	12/16/2020	279.12	3235.63		
PTX06-1195	Perched	7/13/2020	283.90	3234.98		
PTX06-1195	Perched	10/21/2020	283.80	3235.08		
PTX06-1195	Perched	12/16/2020	283.80	3235.08		
PTX06-1196	Perched	2/3/2020	281.87	3233.08		
PTX06-1196	Perched	7/14/2020	281.90	3233.05		
PTX06-1196	Perched	8/24/2020	281.75	3233.20		
PTX06-1196	Perched	12/16/2020	281.74	3233.21		
PTX06-1197	Perched	2/26/2020	281.50	3231.57		
PTX06-1197	Perched	7/14/2020	281.30	3231.77		
PTX06-1197	Perched	8/4/2020	281.40	3231.67		
PTX06-1197	Perched	12/16/2020	281.40	3231.67		
PTX06-1198	Perched	7/13/2020	295.90	3234.75		
PTX06-1198	Perched	12/17/2020	295.90	3234.75		
PTX06-1199	Perched	2/26/2020	282.90	3231.00		
PTX06-1199	Perched	7/14/2020	282.60	3231.30		
PTX06-1199	Perched	8/3/2020	282.70	3231.20		
PTX06-1199	Perched	12/16/2020	282.70	3231.20		
PTX06-1200	Perched	3/5/2020	282.90	3227.34		
PTX06-1200	Perched	7/14/2020	282.60	3227.64		
PTX06-1200	Perched	8/3/2020	282.70	3227.54		
PTX06-1200	Perched	12/16/2020	282.60	3227.64		
PTX06-1201	Perched	2/24/2020	283.00	3228.02		
PTX06-1201	Perched	7/14/2020	282.80	3228.22		
PTX06-1201	Perched	8/4/2020	282.90	3228.12		
PTX06-1201	Perched	12/16/2020	282.80	3228.22		
PTX06-1202	Perched	2/24/2020	283.40	3229.71		
PTX06-1202	Perched	7/14/2020	283.60	3229.51		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1202	Perched	8/3/2020	283.60	3229.51		
PTX06-1202	Perched	12/16/2020	283.60	3229.51		
PTX06-1203	Perched	2/24/2020	283.40	3228.65		
PTX06-1203	Perched	7/14/2020	283.20	3228.85		
PTX06-1203	Perched	8/4/2020	283.20	3228.85		
PTX06-1203	Perched	12/16/2020	283.30	3228.75		
PTX06-1204	Perched	2/26/2020	282.40	3227.52		
PTX06-1204	Perched	7/10/2020			300	3209.92
PTX06-1204	Perched	7/14/2020	282.20	3227.72		
PTX06-1204	Perched	8/3/2020	282.20	3227.72		
PTX06-1204	Perched	12/16/2020	282.10	3227.82		
PTX06-1205	Perched	7/14/2020	281.70	3230.75		
PTX06-1205	Perched	12/16/2020	281.80	3230.65		
PTX06-1206	Perched	7/14/2020	279.40	3247.29		
PTX06-1206	Perched	12/18/2020	279.50	3247.19		
PTX06-1207	Perched	3/11/2020	255.00	3271.19		
PTX06-1207	Perched	8/17/2020	255.03	3271.16		
PTX06-1207	Perched	9/28/2020			272	3254.19
PTX06-1208	Perched	4/27/2020	285.97	3224.14		
PTX06-1208	Perched	7/15/2020			289	3221.11
PTX06-1208	Perched	9/28/2020			289	3221.11
PTX06-EW-25	Perched	7/7/2020			297	3235.36
PTX06-EW-26	Perched	7/7/2020			295	3238
PTX06-EW-31	Perched	7/7/2020			289	3241.74
PTX06-EW-64	Perched	7/7/2020			295	3236.44
PTX06-INJ-13	Perched	3/12/2020			297	3237.5
PTX06-INJ-14	Perched	3/12/2020			316	3214.55
PTX06-INJ-15	Perched	3/12/2020			316	3214.2
PTX06-ISB010	Perched	7/16/2020	283.70	3247.54		
PTX06-ISB010	Perched	12/16/2020	282.99	3248.25		
PTX06-ISB011	Perched	7/16/2020	282.80	3247.91		
PTX06-ISB011	Perched	12/16/2020	283.37	3247.34		
PTX06-ISB012	Perched	7/16/2020	282.60	3248.59		
PTX06-ISB012	Perched	12/16/2020	282.83	3248.36		
PTX06-ISB013	Perched	7/16/2020	284.50	3246.06		
PTX06-ISB013	Perched	12/16/2020	284.95	3245.61		
PTX06-ISB014	Perched	7/16/2020	284.90	3245.65		
PTX06-ISB014	Perched	12/16/2020	286.62	3243.93		
PTX06-ISB015	Perched	7/16/2020	282.70	3247.50		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB015	Perched	12/16/2020	283.62	3246.58		
PTX06-ISB016	Perched	7/16/2020	280.50	3249.42		
PTX06-ISB016	Perched	12/16/2020	281.26	3248.66		
PTX06-ISB017	Perched	7/16/2020	280.30	3249.56		
PTX06-ISB017	Perched	12/16/2020	280.36	3249.50		
PTX06-ISB018	Perched	7/16/2020	285.10	3244.39		
PTX06-ISB018	Perched	12/16/2020	285.13	3244.36		
PTX06-ISB019	Perched	7/16/2020	289.10	3240.57		
PTX06-ISB019	Perched	12/16/2020	289.11	3240.56		
PTX06-ISB020	Perched	7/16/2020	279.20	3249.35		
PTX06-ISB020	Perched	12/16/2020	279.46	3249.09		
PTX06-ISB021	Perched	6/17/2020	279.59	3249.67		
PTX06-ISB021	Perched	7/15/2020	280.10	3249.16		
PTX06-ISB021	Perched	8/31/2020	279.88	3249.38		
PTX06-ISB021	Perched	12/17/2020	280.33	3248.93		
PTX06-ISB022	Perched	7/15/2020	279.50	3249.40		
PTX06-ISB022	Perched	12/17/2020	279.30	3249.60		
PTX06-ISB023A	Perched	7/15/2020	287.80	3241.47		
PTX06-ISB023A	Perched	12/17/2020	287.61	3241.66		
PTX06-ISB024	Perched	7/15/2020	Dry			
PTX06-ISB024	Perched	12/17/2020	Dry			
PTX06-ISB025	Perched	7/15/2020	285.40	3243.59		
PTX06-ISB025	Perched	12/17/2020	285.22	3243.77		
PTX06-ISB026	Perched	7/15/2020	283.90	3244.97		
PTX06-ISB026	Perched	12/17/2020	283.71	3245.16		
PTX06-ISB027	Perched	7/15/2020	281.40	3247.18		
PTX06-ISB027	Perched	12/17/2020	281.15	3247.43		
PTX06-ISB028	Perched	7/15/2020	Dry			
PTX06-ISB028	Perched	12/16/2020	Dry			
PTX06-ISB029A	Perched	7/14/2020	288.60	3242.12		
PTX06-ISB029A	Perched	12/17/2020	289.00	3241.72		
PTX06-ISB030B	Perched	6/17/2020	282.75	3248.03		
PTX06-ISB030B	Perched	7/14/2020	282.70	3248.08		
PTX06-ISB030B	Perched	8/31/2020	282.21	3248.57		
PTX06-ISB030B	Perched	12/17/2020	282.85	3247.93		
PTX06-ISB031	Perched	7/14/2020	282.30	3247.44		
PTX06-ISB031	Perched	12/17/2020	282.47	3247.27		
PTX06-ISB032	Perched	7/15/2020	281.40	3248.88		
PTX06-ISB032	Perched	12/17/2020	Dry			

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB033	Perched	7/15/2020	282.90	3247.00		
PTX06-ISB033	Perched	12/17/2020	283.00	3246.90		
PTX06-ISB034	Perched	7/15/2020	290.40	3239.20		
PTX06-ISB034	Perched	12/17/2020	290.15	3239.45		
PTX06-ISB035	Perched	7/15/2020	279.80	3249.39		
PTX06-ISB035	Perched	12/17/2020	282.48	3246.71		
PTX06-ISB036	Perched	7/15/2020	279.70	3248.99		
PTX06-ISB036	Perched	12/17/2020	279.83	3248.86		
PTX06-ISB037	Perched	7/15/2020	280.70	3247.95		
PTX06-ISB037	Perched	12/17/2020	281.10	3247.55		
PTX06-ISB038	Perched	6/17/2020	279.00	3249.83		
PTX06-ISB038	Perched	7/15/2020	279.20	3249.63		
PTX06-ISB038	Perched	9/2/2020	279.00	3249.83		
PTX06-ISB038	Perched	12/17/2020	279.24	3249.59		
PTX06-ISB039	Perched	7/15/2020	279.50	3249.39		
PTX06-ISB039	Perched	12/17/2020	279.60	3249.29		
PTX06-ISB040	Perched	7/15/2020	279.60	3248.99		
PTX06-ISB040	Perched	12/17/2020	279.25	3249.34		
PTX06-ISB041	Perched	7/15/2020	279.50	3249.16		
PTX06-ISB041	Perched	12/17/2020	279.72	3248.94		
PTX06-ISB042	Perched	6/17/2020	279.24	3249.57		
PTX06-ISB042	Perched	7/15/2020	279.30	3249.51		
PTX06-ISB042	Perched	9/1/2020	279.10	3249.71		
PTX06-ISB042	Perched	12/17/2020	279.20	3249.61		
PTX06-ISB043	Perched	7/15/2020	285.20	3243.53		
PTX06-ISB043	Perched	12/17/2020	285.06	3243.67		
PTX06-ISB044A	Perched	7/15/2020	279.90	3249.29		
PTX06-ISB044A	Perched	12/17/2020	279.98	3249.21		
PTX06-ISB045	Perched	7/15/2020	280.80	3247.62		
PTX06-ISB045	Perched	12/17/2020	280.63	3247.79		
PTX06-ISB046	Perched	6/17/2020	280.38	3248.10		
PTX06-ISB046	Perched	7/15/2020	280.30	3248.18		
PTX06-ISB046	Perched	9/2/2020	280.18	3248.30		
PTX06-ISB046	Perched	12/17/2020	280.35	3248.13		
PTX06-ISB047	Perched	7/15/2020	280.80	3247.60		
PTX06-ISB047	Perched	12/17/2020	279.47	3248.93		
PTX06-ISB048	Perched	6/17/2020	Dry			
PTX06-ISB048	Perched	7/15/2020	280.80	3247.73		
PTX06-ISB048	Perched	9/1/2020	281.00	3247.53		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB048	Perched	12/17/2020	279.48	3249.05		
PTX06-ISB049	Perched	7/14/2020	286.70	3241.95		
PTX06-ISB049	Perched	12/16/2020	286.56	3242.09		
PTX06-ISB050	Perched	7/15/2020	288.00	3240.38		
PTX06-ISB050	Perched	12/17/2020	287.85	3240.53		
PTX06-ISB051	Perched	7/15/2020				
PTX06-ISB051	Perched	12/17/2020	278.31	3249.99		
PTX06-ISB055	Perched	6/22/2020	261.25	3272.77		
PTX06-ISB055	Perched	7/13/2020	261.60	3272.42		
PTX06-ISB055	Perched	12/2/2020	261.17	3272.85		
PTX06-ISB055	Perched	12/16/2020	261.33	3272.69		
PTX06-ISB059	Perched	6/22/2020	261.08	3272.59		
PTX06-ISB059	Perched	7/13/2020	261.50	3272.17		
PTX06-ISB059	Perched	12/2/2020	261.23	3272.44		
PTX06-ISB059	Perched	12/16/2020	261.83	3271.84		
PTX06-ISB064	Perched	6/23/2020	262.80	3272.91		
PTX06-ISB064	Perched	7/13/2020	262.90	3272.81		
PTX06-ISB064	Perched	12/2/2020	262.76	3272.95		
PTX06-ISB064	Perched	12/16/2020	262.84	3272.87		
PTX06-ISB068	Perched	6/23/2020	264.65	3273.10		
PTX06-ISB068	Perched	7/13/2020	264.80	3272.95		
PTX06-ISB068	Perched	12/7/2020	264.67	3273.08		
PTX06-ISB068	Perched	12/16/2020	264.92	3272.83		
PTX06-ISB073	Perched	6/22/2020	269.28	3273.34		
PTX06-ISB073	Perched	7/13/2020	269.50	3273.12		
PTX06-ISB073	Perched	12/7/2020	269.22	3273.40		
PTX06-ISB073	Perched	12/16/2020	269.40	3273.22		
PTX06-ISB075	Perched	3/3/2020	268.72	3273.42		
PTX06-ISB075	Perched	7/13/2020	269.00	3273.14		
PTX06-ISB075	Perched	12/1/2020	268.58	3273.56		
PTX06-ISB075	Perched	12/16/2020	268.89	3273.25		
PTX06-ISB079	Perched	3/4/2020	259.90	3271.73		
PTX06-ISB079	Perched	7/14/2020	259.70	3271.93		
PTX06-ISB079	Perched	11/30/2020	259.74	3271.89		
PTX06-ISB079	Perched	12/10/2020	259.50	3272.13		
PTX06-ISB079	Perched	12/16/2020	259.68	3271.95		
PTX06-ISB082	Perched	3/4/2020	258.52	3271.88		
PTX06-ISB082	Perched	7/13/2020	258.50	3271.90		
PTX06-ISB082	Perched	11/30/2020	258.45	3271.95		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB082	Perched	12/10/2020	258.27	3272.13		
PTX06-ISB082	Perched	12/16/2020	258.40	3272.00		
PTX06-ISB132	Perched	3/11/2020	273.80	3273.02	292	3254.82
PTX06-ISB133	Perched	2/3/2020			295	3251.54
PTX06-ISB133	Perched	3/11/2020	273.40	3273.14		
PTX06-ISB134	Perched	2/3/2020			296	3250.63
PTX06-ISB134	Perched	3/11/2020	273.50	3273.13		
PTX06-ISB134	Perched	7/8/2020			296	3250.63
PTX06-ISB135	Perched	2/3/2020			299	3248.08
PTX06-ISB135	Perched	3/11/2020	273.90	3273.18		
PTX06-ISB135	Perched	8/17/2020	273.94	3273.14		
PTX06-ISB136	Perched	2/3/2020			302	3245.01
PTX06-ISB136	Perched	3/11/2020	273.80	3273.21		
PTX06-ISB137	Perched	2/3/2020			302	3245.32
PTX06-ISB137	Perched	3/11/2020	274.00	3273.32		
PTX06-ISB302	Perched	3/5/2020	277.27	3239.04		
PTX06-ISB302	Perched	4/6/2020	277.20	3239.11		
PTX06-ISB302	Perched	6/16/2020	277.15	3239.16		
PTX06-ISB302	Perched	12/7/2020	276.95	3239.36		
PTX06-ISB302	Perched	12/16/2020	277.00	3239.31		
PTX06-ISB305	Perched	12/16/2020	277.98	3238.77		
PTX06-ISB307	Perched	3/5/2020	278.59	3238.09		
PTX06-ISB307	Perched	4/6/2020	278.46	3238.22		
PTX06-ISB307	Perched	12/7/2020	278.28	3238.40		
PTX06-ISB307	Perched	12/16/2020	278.40	3238.28		
PTX06-ISB312	Perched	12/16/2020	279.90	3236.91		
PTX06-ISB317	Perched	3/10/2020	282.04	3235.26		
PTX06-ISB317	Perched	4/6/2020	281.95	3235.35		
PTX06-ISB317	Perched	12/8/2020	281.55	3235.75		
PTX06-ISB317	Perched	12/16/2020	281.70	3235.60		
PTX06-ISB321	Perched	3/10/2020	282.11	3235.03		
PTX06-ISB321	Perched	4/6/2020	282.02	3235.12		
PTX06-ISB321	Perched	6/16/2020	281.98	3235.16		
PTX06-ISB321	Perched	12/8/2020	281.82	3235.32		
PTX06-ISB321	Perched	12/16/2020	281.91	3235.23		
PTX06-ISB324	Perched	12/16/2020	282.55	3234.73		
PTX06-ISB325	Perched	3/10/2020	282.89	3234.31		
PTX06-ISB325	Perched	4/6/2020	282.79	3234.41		
PTX06-ISB325	Perched	6/16/2020	282.80	3234.40		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB325	Perched	12/8/2020	282.85	3234.35		
PTX06-ISB325	Perched	12/16/2020	283.08	3234.12		
PTX06-ISB326A	Perched	11/16/2020			294	3223.09
PTX06-ISB327	Perched	11/16/2020			294	3223.34
PTX06-ISB327	Perched	12/14/2020	282.30	3235.04		
PTX06-ISB328	Perched	11/16/2020			293	3224.57
PTX06-ISB329	Perched	11/16/2020			294	3223.87
PTX06-ISB329	Perched	12/14/2020	282.56	3235.31		
PTX06-ISB401	Perched	7/13/2020			294	3211.26
PTX06-ISB401	Perched	8/10/2020	282.04	3228.22		
PTX06-ISB402	Perched	6/1/2020	283.60	3226.88		
PTX06-ISB403	Perched	7/13/2020			299	3211.51
PTX06-ISB404	Perched	5/19/2020	283.70	3226.71		
PTX06-ISB404	Perched	7/13/2020			299	3211.41
PTX06-ISB404	Perched	8/10/2020	282.30	3228.11		
PTX06-ISB405	Perched	7/14/2020			300	3210.58
PTX06-ISB406	Perched	5/14/2020	281.00	3229.50		
PTX06-ISB406	Perched	7/14/2020			300	3210.5
PTX06-ISB406	Perched	8/11/2020	282.40	3228.10		
PTX06-ISB407	Perched	7/14/2020			300	3210.43
PTX06-ISB408	Perched	5/18/2020	284.80	3225.93		
PTX06-ISB408	Perched	7/14/2020			300	3210.73
PTX06-ISB409	Perched	7/14/2020			298	3212.81
PTX06-ISB409	Perched	8/11/2020	282.73	3228.08		
PTX06-ISB410	Perched	5/18/2020	284.40	3226.49		
PTX06-ISB410	Perched	7/15/2020			295	3215.89
PTX06-ISB411	Perched	11/3/2020	280.70	3232.99		
PTX06-ISB412	Perched	11/3/2020	280.81	3232.97		
PTX06-ISB413	Perched	7/15/2020			289	3224.68
PTX06-ISB414	Perched	7/15/2020			290	3223.84
PTX06-ISB414	Perched	11/3/2020	281.00	3232.84		
PTX06-ISB414	Perched	11/16/2020			288	3225.84
PTX06-ISB416	Perched	11/3/2020	281.40	3232.89		
PTX06-ISB416	Perched	11/5/2020			290	3224.29
PTX06-MEW401	Perched	11/4/2020	281.00	3234.00		
PTX06-MEW402	Perched	11/13/2020	281.20	3233.79		
PTX06-MEW402	Perched	11/4/2020			295	3219.99
PTX06-MEW403	Perched	11/4/2020	281.26	3233.54		
PTX06-MEW403	Perched	11/13/2020			295	3219.8

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-PRB14	Perched	7/16/2020	Dry			
PTX06-PRB14	Perched	12/16/2020	Dry			
PTX06-PZ01	Perched	7/14/2020	260.90	3281.13		
PTX06-PZ01	Perched	12/18/2020	260.60	3281.43		
PTX06-PZ02	Perched	7/14/2020	260.50	3281.69		
PTX06-PZ02	Perched	12/17/2020	260.40	3281.79		
PTX06-PZ03	Perched	7/14/2020	260.50	3281.80		
PTX06-PZ05	Perched	7/13/2020	267.10	3274.57		
PTX06-PZ05	Perched	12/17/2020	267.80	3273.87		
PTX06-PZ06	Perched	7/13/2020	279.00	3258.02		
PTX06-PZ06	Perched	12/17/2020	279.00	3258.02		
PTX06-REC401A	Perched	5/4/2020	283.40	-9999.00		
PTX06-REC401A	Perched	7/23/2020			300	3209.83
PTX06-REC402	Perched	7/23/2020			306	3203.52
PTX06-REC403	Perched	7/23/2020			300	3209.48
PTX06-REC403	Perched	6/2/2020	283.40	3226.08		
PTX06-REC404	Perched	7/23/2020			298	3211.71
PTX06-REC405	Perched	11/11/2020	281.50	3231.93		
PTX06-REC405	Perched	11/13/2020			290	3223.43
PTX06-REC406	Perched	11/5/2020			289	3224.2
PTX06-REC407	Perched	11/11/2020	281.08	3232.05		
PTX06-REC409	Perched	11/5/2020			289	3223.96
PTX06-REC409	Perched	11/11/2020	280.45	3232.51		
PTX06-REC411	Perched	11/5/2020			289	3224.45
PTX06-REC411	Perched	11/11/2020	281.00	3232.45		
PTX07-1O01	Perched	7/14/2020	255.60	3296.85		
PTX07-1O01	Perched	12/17/2020	255.10	3297.35		
PTX07-1O02	Perched	7/14/2020	256.70	3294.63		
PTX07-1O02	Perched	11/16/2020	253.60	3297.73		
PTX07-1O02	Perched	12/17/2020	252.80	3298.53		
PTX07-1O03	Perched	7/14/2020	250.40	3300.11		
PTX07-1O03	Perched	8/12/2020	250.30	3300.21		
PTX07-1O03	Perched	12/17/2020	250.20	3300.31		
PTX07-1O04	Perched	7/14/2020	259.10	3293.41		
PTX07-1O04	Perched	12/17/2020	256.50	3296.01		
PTX07-1O05	Perched	7/14/2020	257.10	3295.20		
PTX07-1O05	Perched	12/17/2020	257.20	3295.10		
PTX07-1P01	Perched	7/14/2020	248.50	3295.35		
PTX07-1P01	Perched	12/18/2020	248.40	3295.45		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX07-1P02	Perched	7/14/2020	236.20	3298.69		
PTX07-1P02	Perched	11/11/2020	235.80	3299.09		
PTX07-1P02	Perched	12/18/2020	235.70	3299.19		
PTX07-1P03	Perched	7/15/2020	255.40	3291.40		
PTX07-1P03	Perched	12/17/2020	255.10	3291.70		
PTX07-1P04	Perched	7/14/2020	Dry			
PTX07-1P04	Perched	12/18/2020	Dry			
PTX07-1P05	Perched	7/14/2020	249.00	3296.32		
PTX07-1P05	Perched	12/18/2020	247.90	3297.42		
PTX07-1P06	Perched	7/14/2020	256.30	3289.20		
PTX07-1P06	Perched	12/18/2020	256.20	3289.30		
PTX07-1Q01	Perched	3/12/2020	276.40	3271.15		
PTX07-1Q01	Perched	7/13/2020	276.40	3271.15		
PTX07-1Q01	Perched	12/23/2020	276.40	3271.15		
PTX07-1Q02	Perched	7/13/2020	280.90	3271.17		
PTX07-1Q02	Perched	12/17/2020	281.10	3270.97		
PTX07-1R03	Perched	7/16/2020	254.10	3319.40		
PTX07-1R03	Perched	12/21/2020	254.00	3319.50		
PTX08-1001	Perched	6/29/2020	218.40	3300.46		
PTX08-1001	Perched	7/14/2020	219.10	3299.76		
PTX08-1001	Perched	12/17/2020	218.90	3299.96		
PTX08-1002	Perched	7/14/2020	220.50	3296.51		
PTX08-1002	Perched	11/11/2020	220.00	3297.01		
PTX08-1002	Perched	12/17/2020	219.60	3297.41		
PTX08-1003	Perched	3/5/2020	277.00	3276.49		
PTX08-1003	Perched	7/15/2020	276.80	3276.69		
PTX08-1003	Perched	12/17/2020	276.60	3276.89		
PTX08-1005	Perched	3/4/2020	272.50	3274.23		
PTX08-1005	Perched	7/15/2020	273.00	3273.73		
PTX08-1005	Perched	12/17/2020	273.20	3273.53		
PTX08-1006	Perched	3/3/2020	272.00	3273.76		
PTX08-1006	Perched	7/15/2020	272.10	3273.66		
PTX08-1006	Perched	8/11/2020	272.00	3273.76		
PTX08-1006	Perched	12/17/2020	272.10	3273.66		
PTX08-1007	Perched	7/8/2020	272.00	3276.81		
PTX08-1007	Perched	7/16/2020	272.10	3276.71		
PTX08-1007	Perched	12/18/2020	271.70	3277.11		
PTX08-1008	Perched	7/7/2020	268.80	3269.67		
PTX08-1008	Perched	7/13/2020	268.70	3269.77		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX08-1008	Perched	11/16/2020	268.90	3269.57		
PTX08-1008	Perched	12/17/2020	268.80	3269.67		
PTX08-1009	Perched	2/17/2020	274.70	3264.50		
PTX08-1009	Perched	7/13/2020	274.10	3265.10		
PTX08-1010	Perched	7/14/2020	216.40	3308.32		
PTX08-1010	Perched	12/16/2020	216.50	3308.22		
PTX10-1008	Perched	7/16/2020	266.50	3277.58		
PTX10-1008	Perched	12/17/2020	266.40	3277.68		
PTX10-1014	Perched	7/16/2020	259.40	3284.79		
PTX10-1014	Perched	8/12/2020	259.20	3284.99		
PTX10-1014	Perched	12/17/2020	258.70	3285.49		

btoc – below top of casing

amsl – above mean sea level

Appendix D

Data Evaluation Table and Electronic Data

Table D-1. Monitoring Well Data Exceeding GWPS

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
1114-MW4		11/16/2020	Trichloroethene	17.4	1		J	2.57	5
1114-MW4		11/16/2020	Perchlorate	72.4	100	J		2.57	26
OW-WR-38		6/29/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.24	0.26		J		2
OW-WR-38		6/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	43.8	2.6		J		2
OW-WR-38		6/29/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.66	0.26		J		2
OW-WR-38		6/29/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.86	0.26		J	0	2
OW-WR-38		6/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	47	2.6		J	0	2
OW-WR-38		6/29/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.26	0.26		J	0	2
PTX06-1002A		2/17/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	6.94	0.255		J+	0	2
PTX06-1002A		2/17/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	38.8	2.55			0	2
PTX06-1005		2/17/2020	1,3,5-Trinitrobenzene	526	25.3		J	0.15	220
PTX06-1005		2/17/2020	Trichloroethene	34.2	1		J	0.15	5
PTX06-1005		2/17/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.97	0.253			0.15	2
PTX06-1005		8/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.08	0.259			0.5	2
PTX06-1005		8/11/2020	1,3,5-Trinitrobenzene	482	25.9			0.5	220
PTX06-1005		8/11/2020	Trichloroethene	29.4	1			0.5	5
PTX06-1006		11/18/2020	4-Amino-2,6-Dinitrotoluene	3.16	0.255			0.8	1.2
PTX06-1006		11/18/2020	Perchlorate	139	100			0.8	26
PTX06-1007		11/18/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	26.7	1.28		J	1.31	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1007		11/18/2020	4-Amino-2,6-Dinitrotoluene	9.74	1.28			1.31	1.2
PTX06-1007		11/18/2020	Perchlorate	88	100	J		1.31	26
PTX06-1008		7/7/2020	1,2-Dichloroethane	77.3	1		J-	1.94	5
PTX06-1008		7/7/2020	Chloroform	91.4	1			1.94	80
PTX06-1010		7/8/2020	Chromium, Total	754	10		J	2.09	100
PTX06-1010		7/8/2020	Chromium, Hexavalent	679.807	20	I		2.09	100
PTX06-1011		7/8/2020	Trichloroethene	9.21	1		J	0.34	5
PTX06-1012		2/24/2020	cis-1,2-Dichloroethene	77	5		J-		70
PTX06-1012		2/24/2020	1,4-Dioxane	22	1.4		J-		7.7
PTX06-1012		2/24/2020	Arsenic	13	5				12
PTX06-1012		2/24/2020	cis-1,2-Dichloroethene	79	5	F1	J-	0.86	70
PTX06-1012		2/24/2020	Arsenic	13	5			0.86	12
PTX06-1012		2/24/2020	1,4-Dioxane	27	1.4			0.86	7.7
PTX06-1012		11/12/2020	Arsenic	14	5			0.61	12
PTX06-1012		11/12/2020	1,4-Dioxane	28	1.4	B		0.61	7.7
PTX06-1012		11/12/2020	Vinyl Chloride	68	1			0.61	2
PTX06-1013		6/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.18	0.266		J	0.27	2
PTX06-1014		8/12/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	29.6	3.26		J+	0	2
PTX06-1014		8/12/2020	2-Amino-4,6-Dinitrotoluene	1.67	0.26			0	1.2
PTX06-1014		8/12/2020	4-Amino-2,6-Dinitrotoluene	2.67	0.26			0	1.2
PTX06-1014		8/12/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	706	32.6			0	2
PTX06-1031	Compliance	7/6/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	397	26.1		J	1.77	2
PTX06-1031	Compliance	7/6/2020	4-Amino-2,6-Dinitrotoluene	2.51	0.261			1.77	1.2
PTX06-1031	Compliance	7/6/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	31.6	13			1.77	2
PTX06-1031	Compliance	11/10/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	734	26.3		J	3.08	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1031	Compliance	11/10/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	35.6	2.63		J	3.08	2
PTX06-1031	Compliance	11/10/2020	4-Amino-2,6-Dinitrotoluene	3.19	0.263			3.08	1.2
PTX06-1034	Compliance	2/18/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	669	32.2		J	1.7	2
PTX06-1034	Compliance	2/18/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	32	2.58		J	1.7	2
PTX06-1034	Compliance	2/18/2020	4-Amino-2,6-Dinitrotoluene	4.74	0.258			1.7	1.2
PTX06-1034	Compliance	8/4/2020	4-Amino-2,6-Dinitrotoluene	4.92	0.262			0.7	1.2
PTX06-1034	Compliance	8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1220	65.4			0.7	2
PTX06-1034	Compliance	8/4/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	36.7	2.62			0.7	2
PTX06-1035		2/17/2020	Perchlorate	293	250		J-	0	26
PTX06-1035		7/22/2020	Perchlorate	250	250		J	0	26
PTX06-1037		2/18/2020	Arsenic	43	5			2.87	12
PTX06-1037		2/18/2020	Barium	2300	2			2.87	2000
PTX06-1037		8/19/2020	Arsenic	19	5			3.68	12
PTX06-1037		8/19/2020	Barium	2600	2			3.68	2000
PTX06-1038		2/19/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	83.1	6.25		J	0.65	2
PTX06-1038		2/19/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.16	0.25		J	0.65	2
PTX06-1038		2/19/2020	2-Amino-4,6-Dinitrotoluene	2.6	0.25			0.65	1.2
PTX06-1038		2/19/2020	4-Amino-2,6-Dinitrotoluene	4.34	0.25			0.65	1.2
PTX06-1038		2/19/2020	TNT (2,4,6-Trinitrotoluene)	5.65	0.25			0.65	3.6
PTX06-1039A		2/17/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	33.6	2.53		J+	0.25	2
PTX06-1039A		2/17/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	6.58	0.253		J+	0.25	2
PTX06-1039A		2/17/2020	2-Amino-4,6-Dinitrotoluene	2.83	0.253			0.25	1.2
PTX06-1039A		2/17/2020	4-Amino-2,6-Dinitrotoluene	23.2	2.53			0.25	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1039A		2/17/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	983	63.1			0.25	2
PTX06-1039A		2/17/2020	TNT (2,4,6-Trinitrotoluene)	35.9	2.53			0.25	3.6
PTX06-1039A		2/17/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	108	12.6			0.25	2
PTX06-1040		6/25/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	751	32.6		J	0	2
PTX06-1040		6/25/2020	TNT (2,4,6-Trinitrotoluene)	43.9	3.26		J	0	3.6
PTX06-1040		6/25/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	44	3.26		J	0	2
PTX06-1040		6/25/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	8.06	0.26		J-	0	2
PTX06-1040		6/25/2020	2-Amino-4,6-Dinitrotoluene	4.15	0.26			0	1.2
PTX06-1040		6/25/2020	4-Amino-2,6-Dinitrotoluene	19.1	3.26			0	1.2
PTX06-1040		11/9/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	610	26.2		J	0	2
PTX06-1040		11/9/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	30	2.62		J	0	2
PTX06-1040		11/9/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	4.31	0.262		J+	0	2
PTX06-1040		11/9/2020	2-Amino-4,6-Dinitrotoluene	3.64	0.262			0	1.2
PTX06-1040		11/9/2020	4-Amino-2,6-Dinitrotoluene	23.1	2.62			0	1.2
PTX06-1040		11/9/2020	TNT (2,4,6-Trinitrotoluene)	43.5	2.62			0	3.6
PTX06-1041		6/25/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	860	67.9		J	0	2
PTX06-1041		6/25/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	24.9	3.4		J	0	2
PTX06-1041		6/25/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.17	3.4	J	J-	0	2
PTX06-1041		6/25/2020	2-Amino-4,6-Dinitrotoluene	4.08	0.272			0	1.2
PTX06-1041		6/25/2020	4-Amino-2,6-Dinitrotoluene	13.8	3.4			0	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1041		11/9/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1000	26.3		J	0	2
PTX06-1041		11/9/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	21.7	2.63		J	0	2
PTX06-1041		11/9/2020	2,6-Dinitrotoluene	1.21	0.263			0	1
PTX06-1041		11/9/2020	2-Amino-4,6-Dinitrotoluene	3.48	0.263			0	1.2
PTX06-1041		11/9/2020	4-Amino-2,6-Dinitrotoluene	14.6	2.63			0	1.2
PTX06-1042	Compliance	6/25/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	277	65.1		J	0	2
PTX06-1042	Compliance	6/25/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.94	0.26		J	0	2
PTX06-1042	Compliance	6/25/2020	4-Amino-2,6-Dinitrotoluene	4.67	0.26			0	1.2
PTX06-1042	Compliance	6/25/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.05	0.26			0	2
PTX06-1042	Compliance	11/9/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	452	26.3		J	0	2
PTX06-1042	Compliance	11/9/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.38	0.263		J	0	2
PTX06-1042	Compliance	11/9/2020	4-Amino-2,6-Dinitrotoluene	7.07	0.263			0	1.2
PTX06-1042	Compliance	11/9/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.28	0.263			0	2
PTX06-1045	Compliance	2/18/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.86	0.253			0.64	2
PTX06-1046	Compliance	6/24/2020	4-Amino-2,6-Dinitrotoluene	4.28	0.263			0	1.2
PTX06-1046	Compliance	6/24/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	432	13.2			0	2
PTX06-1046	Compliance	6/24/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	12.4	1.32			0	2
PTX06-1046	Compliance	11/10/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	344	13		J	0	2
PTX06-1046	Compliance	11/10/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.86	0.26		J	0	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1046	Compliance	11/10/2020	4-Amino-2,6-Dinitrotoluene	2.95	0.26			0	1.2
PTX06-1047A		6/24/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	59.1	2.6			0	2
PTX06-1047A		11/23/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	30.2	1.28		J	0	2
PTX06-1049		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.91	0.26		J-	0.5	2
PTX06-1049		8/5/2020	4-Amino-2,6-Dinitrotoluene	1.24	0.26			0.5	1.2
PTX06-1050	Compliance	3/5/2020	4-Amino-2,6-Dinitrotoluene	2.83	0.256			0.9	1.2
PTX06-1050	Compliance	3/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	166	25.6			0.9	2
PTX06-1050	Compliance	3/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.12	0.256			0.9	2
PTX06-1052	Compliance	3/3/2020	Chromium, Total	199	10			0	100
PTX06-1052	Compliance	3/3/2020	Chromium, Hexavalent	183.649	2	I		0	100
PTX06-1052	Compliance	8/5/2020	Chromium, Total	154	10			1	100
PTX06-1052	Compliance	8/5/2020	Chromium, Hexavalent	151.112	2	I		1	100
PTX06-1053		3/3/2020	2-Amino-4,6-Dinitrotoluene	1.67	0.255			0	1.2
PTX06-1088		7/8/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	141	6.44		J-	1.53	2
PTX06-1088		11/18/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	78.9	3.19		J	0.43	2
PTX06-1088		11/18/2020	Trichloroethene	6.15	1		J	0.43	5
PTX06-1088		11/18/2020	Chromium, Total	118	10			0.43	100
PTX06-1088		11/18/2020	Chromium, Hexavalent	101.629	20	I		0.43	100
PTX06-1095A		7/6/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.4	0.648		J	0.01	2
PTX06-1095A		7/6/2020	1,2-Dichloroethane	9.4	1		J	0.01	5
PTX06-1095A		7/6/2020	Trichloroethene	11.4	1		J	0.01	5
PTX06-1095A		11/9/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	14.8	2.62		J	0	2
PTX06-1095A		11/9/2020	1,2-Dichloroethane	12	1		J	0	5

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1095A		11/9/2020	Trichloroethene	8.85	1		J	0	5
PTX06-1095A		11/9/2020	2,4-Dinitrotoluene	1.37	0.262			0	1
PTX06-1098		2/17/2020	Arsenic	55	5			7.57	12
PTX06-1100		2/17/2020	Arsenic	200	5			4.84	12
PTX06-1100		2/17/2020	Barium	3900	2			4.84	2000
PTX06-1101		2/17/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.25	0.255		J+		2
PTX06-1101		2/17/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	59.1	12.8		J+		2
PTX06-1101		2/17/2020	Trichloroethene	5.8	2.5				5
PTX06-1120		11/10/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	886	26.2		J	26.4	2
PTX06-1120		11/10/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	56.5	2.62		J	26.4	2
PTX06-1120		11/10/2020	2-Amino-4,6-Dinitrotoluene	2.37	0.262			26.4	1.2
PTX06-1120		11/10/2020	4-Amino-2,6-Dinitrotoluene	2.61	0.262			26.4	1.2
PTX06-1120		11/10/2020	Chromium, Total	170	10			26.4	100
PTX06-1126	Compliance	6/25/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	15.5	1.33		J	2.92	2
PTX06-1126	Compliance	6/25/2020	4-Amino-2,6-Dinitrotoluene	1.21	0.266			2.92	1.2
PTX06-1126	Compliance	6/25/2020	Trichloroethene	167	4			2.92	5
PTX06-1126	Compliance	11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	17.4	1.3		J		2
PTX06-1126	Compliance	11/11/2020	Trichloroethene	203	5		J		5
PTX06-1126	Compliance	11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	16	1.3		J	1.31	2
PTX06-1126	Compliance	11/11/2020	Tetrachloroethene	5.04	1		J	1.31	5
PTX06-1126	Compliance	11/11/2020	Trichloroethene	202	5		J	1.31	5
PTX06-1127	Compliance	6/24/2020	Tetrachloroethene	7.83	1		J	8.88	5
PTX06-1127	Compliance	6/24/2020	1,4-Dioxane	20.1	5		J-	8.88	7.7
PTX06-1127	Compliance	6/24/2020	4-Amino-2,6-Dinitrotoluene	18.4	2.6			8.88	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1127	Compliance	6/24/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	54.8	2.6			8.88	2
PTX06-1127	Compliance	6/24/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.83	0.26			8.88	2
PTX06-1127	Compliance	6/24/2020	Chromium, Total	466	10			8.88	100
PTX06-1127	Compliance	6/24/2020	Perchlorate	180	200	J		8.88	26
PTX06-1127	Compliance	6/24/2020	Trichloroethene	198	4			8.88	5
PTX06-1127	Compliance	11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	79.7	3.26		J	5.55	2
PTX06-1127	Compliance	11/11/2020	Tetrachloroethene	6.96	1		J	5.55	5
PTX06-1127	Compliance	11/11/2020	Trichloroethene	167	4		J	5.55	5
PTX06-1127	Compliance	11/11/2020	4-Amino-2,6-Dinitrotoluene	18.2	3.26			5.55	1.2
PTX06-1127	Compliance	11/11/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.39	0.26			5.55	2
PTX06-1127	Compliance	11/11/2020	Perchlorate	137	200	J		5.55	26
PTX06-1127	Compliance	11/11/2020	1,4-Dioxane	24	5			5.55	7.7
PTX06-1128		8/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.59	0.658			150	2
PTX06-1134		7/7/2020	Perchlorate	125	200	J	J	134	26
PTX06-1134		7/7/2020	4-Amino-2,6-Dinitrotoluene	1.73	0.261			134	1.2
PTX06-1134		7/7/2020	Trichloroethene	75.8	1			134	5
PTX06-1134		11/17/2020	Trichloroethene	53.3	1		J	33.4	5
PTX06-1134		11/17/2020	4-Amino-2,6-Dinitrotoluene	1.63	0.259			33.4	1.2
PTX06-1134		11/17/2020	Perchlorate	74.7	100	J		33.4	26
PTX06-1146	Compliance	2/18/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	989	32.1		J	0	2
PTX06-1146	Compliance	2/18/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	21	2.56		J	0	2
PTX06-1146	Compliance	2/18/2020	2-Amino-4,6-Dinitrotoluene	1.47	0.256			0	1.2
PTX06-1146	Compliance	2/18/2020	4-Amino-2,6-Dinitrotoluene	21.3	2.56			0	1.2
PTX06-1146	Compliance	8/4/2020	2-Amino-4,6-Dinitrotoluene	1.39	0.262			0	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1146	Compliance	8/4/2020	4-Amino-2,6-Dinitrotoluene	20.7	2.62			0	1.2
PTX06-1146	Compliance	8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1390	65.4			0	2
PTX06-1146	Compliance	8/4/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	21.5	2.62			0	2
PTX06-1147		7/6/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	330	26.2		J	16	2
PTX06-1147		7/6/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	19.7	13.1		J-	16	2
PTX06-1147		7/6/2020	4-Amino-2,6-Dinitrotoluene	3.63	0.262			16	1.2
PTX06-1147		7/6/2020	Chromium, Total	343	10			8.27	100
PTX06-1147		11/10/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	641	26.3		J	0	2
PTX06-1147		11/10/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	29	2.63		J	0	2
PTX06-1147		11/10/2020	4-Amino-2,6-Dinitrotoluene	4.74	0.263			0	1.2
PTX06-1148		2/19/2020	1,4-Dioxane	23	1.4			8.81	7.7
PTX06-1148		11/17/2020	1,4-Dioxane	17	1.4	B		1.81	7.7
PTX06-1149		2/19/2020	Arsenic	13	5			0.75	12
PTX06-1149		2/19/2020	Perchlorate	45	100	J		0.75	26
PTX06-1149		2/19/2020	1,4-Dioxane	12	1.4			0.75	7.7
PTX06-1149		2/19/2020	Trichloroethene	7.8	2.5			0.75	5
PTX06-1149		11/17/2020	Perchlorate	54	100	J	J	1.71	26
PTX06-1149		11/17/2020	1,4-Dioxane	15	1.4	B		1.71	7.7
PTX06-1149		11/17/2020	Trichloroethene	9.3	2.5			1.71	5
PTX06-1150		2/19/2020	Trichloroethene	10	2.5			19.8	5
PTX06-1150		11/17/2020	Trichloroethene	15	2.5			5.67	5
PTX06-1151		3/4/2020	1,4-Dioxane	11.6	2		J-	0	7.7
PTX06-1151		3/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.5	0.258			0	2
PTX06-1151		3/4/2020	Perchlorate	67.8	50			0	26

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1151		3/4/2020	1,2-Dichloroethane	7.09	1			0	5
PTX06-1151		3/4/2020	Trichloroethene	114	2			0	5
PTX06-1151		8/6/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.34	0.259		J	0	2
PTX06-1151		8/6/2020	1,2-Dichloroethane	6.75	1		J	0	5
PTX06-1151		8/6/2020	Trichloroethene	112	2		J	0	5
PTX06-1151		8/6/2020	Perchlorate	49.4	40			0	26
PTX06-1151		8/6/2020	1,4-Dioxane	12.9	2			0	7.7
PTX06-1153	Compliance	2/18/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	14.2	2.55		J+		2
PTX06-1153	Compliance	2/18/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	15.1	2.55				2
PTX06-1153	Compliance	2/18/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	309	25.5				2
PTX06-1153	Compliance	2/18/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	26.4	2.55				2
PTX06-1153	Compliance	2/18/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	14.2	2.51		J+	3.16	2
PTX06-1153	Compliance	2/18/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	12.8	2.51			3.16	2
PTX06-1153	Compliance	2/18/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	252	25.1			3.16	2
PTX06-1153	Compliance	2/18/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	23.5	2.51			3.16	2
PTX06-1153	Compliance	8/19/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	4.81	0.26		J		2
PTX06-1153	Compliance	8/19/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	5.15	0.26		J-		2
PTX06-1153	Compliance	8/19/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	199	26				2
PTX06-1153	Compliance	8/19/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	15.9	2.6				2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1153	Compliance	8/19/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.96	0.26		J	7.53	2
PTX06-1153	Compliance	8/19/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	4.17	0.26		J-	7.53	2
PTX06-1153	Compliance	8/19/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	210	26			7.53	2
PTX06-1153	Compliance	8/19/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	13.5	2.6			7.53	2
PTX06-1154	Compliance	2/18/2020	Arsenic	32	5			17.3	12
PTX06-1154	Compliance	2/18/2020	Barium	10000	10			17.3	2000
PTX06-1154	Compliance	8/19/2020	Arsenic	73	5			1.09	12
PTX06-1154	Compliance	8/19/2020	Barium	14000	2			1.09	2000
PTX06-1155	Compliance	2/24/2020	cis-1,2-Dichloroethene	170	5		J-		70
PTX06-1155	Compliance	2/24/2020	1,4-Dioxane	29	1.4		J-		7.7
PTX06-1155	Compliance	2/24/2020	Vinyl Chloride	12	1		J-		2
PTX06-1155	Compliance	2/24/2020	Arsenic	77	5				12
PTX06-1155	Compliance	11/12/2020	cis-1,2-Dichloroethene	78	5		J-		70
PTX06-1155	Compliance	11/12/2020	Arsenic	43	5				12
PTX06-1155	Compliance	11/12/2020	1,4-Dioxane	43	1.4	B			7.7
PTX06-1155	Compliance	11/12/2020	Vinyl Chloride	16	1				2
PTX06-1155	Compliance	11/12/2020	cis-1,2-Dichloroethene	78	5	F1	J-	0.85	70
PTX06-1155	Compliance	11/12/2020	Arsenic	47	5			0.85	12
PTX06-1155	Compliance	11/12/2020	1,4-Dioxane	40	1.4	B		0.85	7.7
PTX06-1155	Compliance	11/12/2020	Vinyl Chloride	16	1			0.85	2
PTX06-1156	Compliance	2/24/2020	1,4-Dioxane	24	1.4		J-	0.87	7.7
PTX06-1156	Compliance	2/24/2020	Arsenic	69	5			0.87	12
PTX06-1156	Compliance	2/24/2020	Barium	4000	2			0.87	2000
PTX06-1156	Compliance	11/12/2020	Arsenic	57	5			2.71	12
PTX06-1156	Compliance	11/12/2020	Barium	3400	2			2.71	2000
PTX06-1156	Compliance	11/12/2020	1,4-Dioxane	30	1.4	B		2.71	7.7
PTX06-1159		2/19/2020	Trichloroethene	207	4		J	0.44	5

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1159		2/19/2020	Perchlorate	550	500		J-	0.44	26
PTX06-1159		2/19/2020	4-Amino-2,6-Dinitrotoluene	1.65	0.25			0.44	1.2
PTX06-1159		7/22/2020	Perchlorate	445	400		J	0	26
PTX06-1159		7/22/2020	4-Amino-2,6-Dinitrotoluene	2.18	0.259			0	1.2
PTX06-1159		7/22/2020	Trichloroethene	201	4			0	5
PTX06-1164		2/26/2020	Trichloroethene	190	5		J	1.35	5
PTX06-1164		2/26/2020	Perchlorate	37	100	J		1.35	26
PTX06-1164		2/26/2020	Vinyl Chloride	5.4	2	F1		1.35	2
PTX06-1164		11/30/2020	Perchlorate	40	100	J	J	2.8	26
PTX06-1164		12/10/2020	Trichloroethene	130	2.5		J	3.42	5
PTX06-1166		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	14.7	1.32		J-	3.1	2
PTX06-1166		8/5/2020	Chromium, Total	133	10			3.1	100
PTX06-1166		8/5/2020	Chromium, Hexavalent	130.938	2	I		3.1	100
PTX06-1169		2/26/2020	Trichloroethene	63	5		J	2.16	5
PTX06-1169		2/26/2020	1,1-Dichloroethene	7.1	2		J-	2.16	7
PTX06-1169		2/26/2020	cis-1,2-Dichloroethene	200	10		J-	2.16	70
PTX06-1169		2/26/2020	Arsenic	66	5			2.16	12
PTX06-1169		2/26/2020	1,2-Dichloroethane	10	5			2.16	5
PTX06-1169		2/26/2020	Vinyl Chloride	5.8	2			2.16	2
PTX06-1169		12/1/2020	Arsenic	65	5			1.92	12
PTX06-1169		12/1/2020	1,2-Dichloroethane	7.9	5			1.92	5
PTX06-1169		12/1/2020	cis-1,2-Dichloroethene	220	10			1.92	70
PTX06-1169		12/1/2020	Trichloroethene	8.7	5			1.92	5
PTX06-1169		12/1/2020	Vinyl Chloride	3	2			1.92	2
PTX06-1170		3/3/2020	Arsenic	16	5			1.29	12
PTX06-1170		3/3/2020	cis-1,2-Dichloroethene	160	5			1.29	70
PTX06-1170		3/3/2020	Trichloroethene	140	2.5			1.29	5
PTX06-1170		3/3/2020	Vinyl Chloride	15	1			1.29	2
PTX06-1170		12/1/2020	Arsenic	29	5			3.91	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1170		12/1/2020	1,2-Dichloroethane	5.3	2.5			3.91	5
PTX06-1170		12/1/2020	cis-1,2-Dichloroethene	120	5			3.91	70
PTX06-1170		12/1/2020	Trichloroethene	31	2.5			3.91	5
PTX06-1170		12/1/2020	Vinyl Chloride	32	1			3.91	2
PTX06-1171		8/11/2020	4-Amino-2,6-Dinitrotoluene	1.37	0.259			5.9	1.2
PTX06-1171		8/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	15.6	2.59			5.9	2
PTX06-1171		8/11/2020	Perchlorate	39.1	40	J		5.9	26
PTX06-1171		8/11/2020	Trichloroethene	315	5			5.9	5
PTX06-1173		2/25/2020	Trichloroethene	140	2.5		J	1.07	5
PTX06-1173		2/25/2020	1,2-Dichloroethane	5.6	2.5		J-	1.07	5
PTX06-1173		2/25/2020	cis-1,2-Dichloroethene	120	5		J-	1.07	70
PTX06-1173		2/25/2020	Arsenic	45	5			1.07	12
PTX06-1173		2/25/2020	1,4-Dioxane	41	1.4			1.07	7.7
PTX06-1173		11/16/2020	cis-1,2-Dichloroethene	120	5		J	0.96	70
PTX06-1173		11/16/2020	Arsenic	51	5			0.96	12
PTX06-1173		11/16/2020	1,4-Dioxane	28	1.4	B		0.96	7.7
PTX06-1173		11/16/2020	Trichloroethene	10	2.5			0.96	5
PTX06-1173		11/16/2020	Vinyl Chloride	7.3	1			0.96	2
PTX06-1174		2/25/2020	Vinyl Chloride	6.4	1		J	1.34	2
PTX06-1174		2/25/2020	Arsenic	97	5			1.34	12
PTX06-1174		2/25/2020	1,4-Dioxane	11	1.4			1.34	7.7
PTX06-1174		11/16/2020	Arsenic	64	5			3.38	12
PTX06-1175		2/25/2020	Trichloroethene	120	2.5		J	7.56	5
PTX06-1175		2/25/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.61	0.256			7.56	2
PTX06-1175		2/25/2020	Chromium, Total	140	10			7.56	100
PTX06-1175		2/25/2020	1,4-Dioxane	17	1.4			7.56	7.7
PTX06-1175		11/16/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	28.2	1.31			9.18	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1175		11/16/2020	Perchlorate	150	500	J		9.18	26
PTX06-1175		11/16/2020	1,4-Dioxane	14	1.4	B		9.18	7.7
PTX06-1175		11/16/2020	Trichloroethene	110	2.5			9.18	5
PTX06-1176		3/3/2020	Arsenic	73	5			26.7	12
PTX06-1176		3/3/2020	Barium	2900	2			26.7	2000
PTX06-1176		12/1/2020	Barium	6500	2		J	1.46	2000
PTX06-1176		12/1/2020	Arsenic	95	5			1.46	12
PTX06-1177		2/26/2020	Arsenic	130	5			10.33	12
PTX06-1177		2/26/2020	Barium	5300	2			10.33	2000
PTX06-1177		11/30/2020	Barium	4200	20		J	13	2000
PTX06-1177		11/30/2020	Arsenic	280	50			13	12
PTX06-1177		11/30/2020	Manganese	2400	40			13	1715.5
PTX06-1180		3/4/2020	Trichloroethene	541	10			1.1	5
PTX06-1180		8/6/2020	Trichloroethene	468	10		J	2.6	5
PTX06-1183		7/7/2020	Chromium, Total	769	10		J	0	100
PTX06-1183		7/7/2020	Chromium, Hexavalent	761.571	20	I		0	100
PTX06-1183		11/17/2020	Chromium, Total	625	10			0	100
PTX06-1183		11/17/2020	Chromium, Hexavalent	578.38	20	I		0	100
PTX06-1185		6/30/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	330	26.3		J	0	2
PTX06-1185		6/30/2020	4-Amino-2,6-Dinitrotoluene	2.61	0.263			0	1.2
PTX06-1185		10/21/2020	4-Amino-2,6-Dinitrotoluene	2.17	0.263			0	1.2
PTX06-1185		10/21/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	307	26.3			0	2
PTX06-1190		6/30/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	955	32.6		J	0.63	2
PTX06-1190		6/30/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	22.4	3.26		J	0.63	2
PTX06-1190		6/30/2020	4-Amino-2,6-Dinitrotoluene	6.9	0.26			0.63	1.2
PTX06-1190		10/21/2020	4-Amino-2,6-Dinitrotoluene	7.29	0.263			0	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1190		10/21/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1240	65.8			0	2
PTX06-1190		10/21/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	29.4	2.63			0	2
PTX06-1191		2/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	115	12.8		J	0.68	2
PTX06-1191		2/3/2020	4-Amino-2,6-Dinitrotoluene	1.75	0.255			0.68	1.2
PTX06-1191		8/24/2020	4-Amino-2,6-Dinitrotoluene	1.54	0.256			0.56	1.2
PTX06-1191		8/24/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	146	25.6			0.56	2
PTX06-1196		2/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	24.4	2.55		J	0.07	2
PTX06-1196		2/3/2020	4-Amino-2,6-Dinitrotoluene	5.32	0.255		J-	0.07	1.2
PTX06-1196		8/24/2020	4-Amino-2,6-Dinitrotoluene	5.46	0.256			0.17	1.2
PTX06-1196		8/24/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	29.9	2.56			0.17	2
PTX06-1197		2/26/2020	4-Amino-2,6-Dinitrotoluene	3.12	0.255			0	1.2
PTX06-1197		2/26/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	176	25.5			0	2
PTX06-1197		8/4/2020	4-Amino-2,6-Dinitrotoluene	3.17	0.26				1.2
PTX06-1197		8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	205	13				2
PTX06-1197		8/4/2020	4-Amino-2,6-Dinitrotoluene	2.97	0.26			0.33	1.2
PTX06-1197		8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	222	13			0.33	2
PTX06-1199		2/26/2020	4-Amino-2,6-Dinitrotoluene	1.61	0.256			0.9	1.2
PTX06-1199		2/26/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	7.03	0.256			0.9	2
PTX06-1199		8/3/2020	4-Amino-2,6-Dinitrotoluene	1.84	0.262			0	1.2
PTX06-1199		8/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	7.64	0.262			0	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1201		2/24/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.33	0.255			0	2
PTX06-1201		8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.13	0.262			1.19	2
PTX06-1203		2/24/2020	4-Amino-2,6-Dinitrotoluene	6.53	0.255			0	1.2
PTX06-1203		2/24/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	139	25.5			0	2
PTX06-1203		2/24/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.08	0.255			0	2
PTX06-1203		8/4/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.02	0.26		J-	0	2
PTX06-1203		8/4/2020	4-Amino-2,6-Dinitrotoluene	6.47	0.26			0	1.2
PTX06-1203		8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	187	13			0	2
PTX06-1207		8/17/2020	4-Amino-2,6-Dinitrotoluene	7.02	0.26			0.9	1.2
PTX06-EW-1		8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	464	13		J+		2
PTX06-EW-1		8/4/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	21.3	2.6		J+		2
PTX06-EW-1		8/4/2020	2-Amino-4,6-Dinitrotoluene	5.96	0.26				1.2
PTX06-EW-1		8/4/2020	4-Amino-2,6-Dinitrotoluene	3.83	0.26				1.2
PTX06-EW-1		8/4/2020	1,3,5-Trinitrobenzene	1030	65.1				220
PTX06-EW-10		10/7/2020	Perchlorate	250	500	J	J		26
PTX06-EW-10		10/7/2020	Chromium, Total	260	10				100
PTX06-EW-10		10/7/2020	Chromium, Hexavalent	256.568	20	I			100
PTX06-EW-12		7/27/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	914	64.4		J		2
PTX06-EW-12		7/27/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	10.7	6.44		J		2
PTX06-EW-12		7/27/2020	2-Amino-4,6-Dinitrotoluene	2.37	0.258				1.2
PTX06-EW-12		7/27/2020	4-Amino-2,6-Dinitrotoluene	15.3	6.44				1.2
PTX06-EW-16		8/5/2020	2-Amino-4,6-Dinitrotoluene	2.12	0.26		J		1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-16		8/5/2020	4-Amino-2,6-Dinitrotoluene	15.1	6.51		J		1.2
PTX06-EW-16		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	217	6.51		J		2
PTX06-EW-16		8/5/2020	TNT (2,4,6-Trinitrotoluene)	23.9	6.51		J		3.6
PTX06-EW-16		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.89	6.51		J		2
PTX06-EW-17		12/16/2020	2-Amino-4,6-Dinitrotoluene	3.15	0.263				1.2
PTX06-EW-17		12/16/2020	4-Amino-2,6-Dinitrotoluene	9.03	2.63				1.2
PTX06-EW-17		12/16/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	100	26.3				2
PTX06-EW-17		12/16/2020	TNT (2,4,6-Trinitrotoluene)	19.4	2.63				3.6
PTX06-EW-17		12/16/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.72	2.63				2
PTX06-EW-18		8/5/2020	2-Amino-4,6-Dinitrotoluene	2.35	0.262		J		1.2
PTX06-EW-18		8/5/2020	4-Amino-2,6-Dinitrotoluene	5.8	0.262		J		1.2
PTX06-EW-18		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	73.7	2.62		J		2
PTX06-EW-18		8/5/2020	TNT (2,4,6-Trinitrotoluene)	9.94	0.262		J		3.6
PTX06-EW-18		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.67	0.262		J		2
PTX06-EW-19		12/21/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	58.9	6.51		J		2
PTX06-EW-19		12/21/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.66	0.26		J		2
PTX06-EW-19		12/21/2020	2-Amino-4,6-Dinitrotoluene	2.53	0.26		J-		1.2
PTX06-EW-19		12/21/2020	4-Amino-2,6-Dinitrotoluene	2.71	0.26		J-		1.2
PTX06-EW-2		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	384	26		J-		2
PTX06-EW-2		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	19.2	2.6		J-		2
PTX06-EW-2		8/5/2020	2-Amino-4,6-Dinitrotoluene	7.12	0.26				1.2
PTX06-EW-2		8/5/2020	4-Amino-2,6-Dinitrotoluene	4.01	0.26				1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-2		8/5/2020	1,3,5-Trinitrobenzene	891	26				220
PTX06-EW-2		8/5/2020	Chromium, Total	180	10				100
PTX06-EW-2		8/5/2020	Chromium, Hexavalent	192.552	2	I			100
PTX06-EW-20		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	23.3	2.6				2
PTX06-EW-22A		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.26	0.262		J-		2
PTX06-EW-22A		8/5/2020	4-Amino-2,6-Dinitrotoluene	1.23	0.262				1.2
PTX06-EW-22A		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	41.3	2.62				2
PTX06-EW-23A		8/5/2020	2-Amino-4,6-Dinitrotoluene	1.25	0.26				1.2
PTX06-EW-23A		8/5/2020	4-Amino-2,6-Dinitrotoluene	3.85	0.26				1.2
PTX06-EW-23A		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	164	26				2
PTX06-EW-23A		8/5/2020	TNT (2,4,6-Trinitrotoluene)	12.1	2.6				3.6
PTX06-EW-23A		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.32	2.6				2
PTX06-EW-24		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	446	26.3		J-		2
PTX06-EW-24		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	17.2	2.63		J-		2
PTX06-EW-24		8/5/2020	2-Amino-4,6-Dinitrotoluene	6.64	0.263				1.2
PTX06-EW-24		8/5/2020	4-Amino-2,6-Dinitrotoluene	4.7	0.263				1.2
PTX06-EW-24		8/5/2020	1,3,5-Trinitrobenzene	557	26.3				220
PTX06-EW-24		8/5/2020	TNT (2,4,6-Trinitrotoluene)	5.28	0.263				3.6
PTX06-EW-24		8/5/2020	Chromium, Total	190	10				100
PTX06-EW-24		8/5/2020	Chromium, Hexavalent	184.472	2	I			100
PTX06-EW-25		9/28/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	123	25.6		J		2
PTX06-EW-25		9/28/2020	TNT (2,4,6-Trinitrotoluene)	5.01	0.256		J-		3.6
PTX06-EW-25		9/28/2020	4-Amino-2,6-Dinitrotoluene	2.63	0.256				1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-25		9/28/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.27	0.256				2
PTX06-EW-26		9/28/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	118	25.8		J		2
PTX06-EW-26		9/28/2020	TNT (2,4,6-Trinitrotoluene)	15.8	2.58		J-		3.6
PTX06-EW-26		9/28/2020	4-Amino-2,6-Dinitrotoluene	2.89	0.258				1.2
PTX06-EW-26		9/28/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.68	0.258				2
PTX06-EW-27		7/27/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1110	64.8		J		2
PTX06-EW-27		7/27/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	15.2	6.48		J		2
PTX06-EW-27		7/27/2020	2,6-Dinitrotoluene	1.76	0.259				1
PTX06-EW-27		7/27/2020	2-Amino-4,6-Dinitrotoluene	3.03	0.259				1.2
PTX06-EW-27		7/27/2020	4-Amino-2,6-Dinitrotoluene	9.01	6.48				1.2
PTX06-EW-27		7/27/2020	TNT (2,4,6-Trinitrotoluene)	6.02	0.259				3.6
PTX06-EW-28		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.4	2.6				2
PTX06-EW-28		8/5/2020	Chromium, Total	140	10				100
PTX06-EW-28		8/5/2020	Chromium, Hexavalent	140.443	2	I			100
PTX06-EW-29		8/4/2020	2-Amino-4,6-Dinitrotoluene	2.59	0.26				1.2
PTX06-EW-29		8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	67.9	13				2
PTX06-EW-29		8/4/2020	1,3,5-Trinitrobenzene	227	13				220
PTX06-EW-29		8/4/2020	2-Amino-4,6-Dinitrotoluene	2.65	0.26				1.2
PTX06-EW-29		8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	68.3	13				2
PTX06-EW-29		8/4/2020	1,3,5-Trinitrobenzene	249	13				220
PTX06-EW-30		8/5/2020	2-Amino-4,6-Dinitrotoluene	3.05	0.259		J		1.2
PTX06-EW-30		8/5/2020	4-Amino-2,6-Dinitrotoluene	6.33	0.259		J		1.2
PTX06-EW-30		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	507	25.9		J		2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-30		8/5/2020	TNT (2,4,6-Trinitrotoluene)	13.4	2.59		J		3.6
PTX06-EW-30		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	25.3	2.59		J		2
PTX06-EW-30		8/5/2020	Chromium, Total	220	10				100
PTX06-EW-30		8/5/2020	Chromium, Hexavalent	216.594	2	I			100
PTX06-EW-31		9/28/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	54	25.6		J		2
PTX06-EW-31		9/28/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.5	0.256				2
PTX06-EW-31		9/28/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	117	25.6		J		2
PTX06-EW-31		9/28/2020	TNT (2,4,6-Trinitrotoluene)	15.5	2.56		J-		3.6
PTX06-EW-31		9/28/2020	4-Amino-2,6-Dinitrotoluene	2.78	0.256				1.2
PTX06-EW-31		9/28/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	6.46	0.256				2
PTX06-EW-32		8/5/2020	2-Amino-4,6-Dinitrotoluene	4.64	0.262		J		1.2
PTX06-EW-32		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	128	26.2		J		2
PTX06-EW-32		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	6.68	0.262		J		2
PTX06-EW-33		8/5/2020	4-Amino-2,6-Dinitrotoluene	2.12	0.26		J		1.2
PTX06-EW-33		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	168	26		J		2
PTX06-EW-33		8/5/2020	TNT (2,4,6-Trinitrotoluene)	7.62	0.26		J		3.6
PTX06-EW-33		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.46	0.26		J		2
PTX06-EW-34		8/5/2020	2-Amino-4,6-Dinitrotoluene	6.21	0.26		J		1.2
PTX06-EW-34		8/5/2020	4-Amino-2,6-Dinitrotoluene	3.57	0.26		J		1.2
PTX06-EW-34		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	580	26		J		2
PTX06-EW-34		8/5/2020	TNT (2,4,6-Trinitrotoluene)	6.62	0.26		J		3.6

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-34		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	23.5	2.6		J		2
PTX06-EW-35		7/27/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1050	64.8		J		2
PTX06-EW-35		7/27/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	13.2	6.48		J		2
PTX06-EW-35		7/27/2020	2,6-Dinitrotoluene	1.05	0.259				1
PTX06-EW-35		7/27/2020	2-Amino-4,6-Dinitrotoluene	3.18	0.259				1.2
PTX06-EW-35		7/27/2020	4-Amino-2,6-Dinitrotoluene	9.19	6.48				1.2
PTX06-EW-35		12/16/2020	2-Amino-4,6-Dinitrotoluene	2.97	0.263				1.2
PTX06-EW-35		12/16/2020	4-Amino-2,6-Dinitrotoluene	16.7	2.63				1.2
PTX06-EW-35		12/16/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	874	26.3				2
PTX06-EW-35		12/16/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	11.5	2.63				2
PTX06-EW-36		10/15/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	158	25.4		J		2
PTX06-EW-36		10/15/2020	2-Amino-4,6-Dinitrotoluene	3.39	0.254				1.2
PTX06-EW-36		10/15/2020	1,3,5-Trinitrobenzene	293	25.4				220
PTX06-EW-38C		7/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.4	0.259		J		2
PTX06-EW-39		7/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	20.5	0.651		J		2
PTX06-EW-4		12/16/2020	2-Amino-4,6-Dinitrotoluene	2.18	0.263				1.2
PTX06-EW-4		12/16/2020	4-Amino-2,6-Dinitrotoluene	8.8	2.63				1.2
PTX06-EW-4		12/16/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	858	26.3				2
PTX06-EW-4		12/16/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	14	2.63				2
PTX06-EW-40		7/29/2020	4-Amino-2,6-Dinitrotoluene	1.57	0.259		J		1.2
PTX06-EW-40		7/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	52.6	3.24		J		2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-40		7/29/2020	TNT (2,4,6-Trinitrotoluene)	5.05	0.259		J		3.6
PTX06-EW-41		7/29/2020	2-Amino-4,6-Dinitrotoluene	1.59	0.258		J		1.2
PTX06-EW-41		7/29/2020	4-Amino-2,6-Dinitrotoluene	2.94	0.258		J		1.2
PTX06-EW-41		7/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	76.8	3.22		J		2
PTX06-EW-41		7/29/2020	TNT (2,4,6-Trinitrotoluene)	10.3	0.258		J		3.6
PTX06-EW-41		7/29/2020	Chromium, Total	150	10				100
PTX06-EW-41		7/29/2020	Chromium, Hexavalent	125.048	2	I			100
PTX06-EW-42A		10/15/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	81.8	25.3		J		2
PTX06-EW-42A		10/15/2020	2-Amino-4,6-Dinitrotoluene	1.73	0.253				1.2
PTX06-EW-42A		10/15/2020	4-Amino-2,6-Dinitrotoluene	2.64	0.253				1.2
PTX06-EW-42A		10/15/2020	TNT (2,4,6-Trinitrotoluene)	11.2	2.53				3.6
PTX06-EW-43		7/29/2020	2-Amino-4,6-Dinitrotoluene	2.39	0.258		J		1.2
PTX06-EW-43		7/29/2020	4-Amino-2,6-Dinitrotoluene	8.19	0.258		J		1.2
PTX06-EW-43		7/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	841	64.4		J		2
PTX06-EW-43		7/29/2020	TNT (2,4,6-Trinitrotoluene)	19.3	6.44		J		3.6
PTX06-EW-43		7/29/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.5	0.258		J		2
PTX06-EW-44		7/29/2020	2-Amino-4,6-Dinitrotoluene	3.68	0.258		J		1.2
PTX06-EW-44		7/29/2020	4-Amino-2,6-Dinitrotoluene	8.52	0.258		J		1.2
PTX06-EW-44		7/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	606	64.4		J		2
PTX06-EW-44		7/29/2020	TNT (2,4,6-Trinitrotoluene)	15.2	6.44		J		3.6
PTX06-EW-44		7/29/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	10.2	0.258		J		2
PTX06-EW-44		7/29/2020	Chromium, Total	110	10				100
PTX06-EW-45		7/29/2020	2-Amino-4,6-Dinitrotoluene	3.04	0.258		J		1.2
PTX06-EW-45		7/29/2020	4-Amino-2,6-Dinitrotoluene	6.89	0.258		J		1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-45		7/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	675	64.4		J		2
PTX06-EW-45		7/29/2020	TNT (2,4,6-Trinitrotoluene)	15.3	6.44		J		3.6
PTX06-EW-45		7/29/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	12	6.44		J		2
PTX06-EW-45		7/29/2020	Chromium, Total	150	10				100
PTX06-EW-45		7/29/2020	Chromium, Hexavalent	150.168	2	I			100
PTX06-EW-46		10/15/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	996	25.5		J		2
PTX06-EW-46		10/15/2020	2-Amino-4,6-Dinitrotoluene	2.62	0.255				1.2
PTX06-EW-46		10/15/2020	4-Amino-2,6-Dinitrotoluene	4.4	0.255				1.2
PTX06-EW-46		10/15/2020	TNT (2,4,6-Trinitrotoluene)	7.75	0.255				3.6
PTX06-EW-46		10/15/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	31.4	2.55				2
PTX06-EW-48		8/5/2020	2-Amino-4,6-Dinitrotoluene	2.19	0.259		J		1.2
PTX06-EW-48		8/5/2020	4-Amino-2,6-Dinitrotoluene	3.96	0.259		J		1.2
PTX06-EW-48		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	679	25.9		J		2
PTX06-EW-48		8/5/2020	TNT (2,4,6-Trinitrotoluene)	5.59	0.259		J		3.6
PTX06-EW-48		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	29.4	2.59		J		2
PTX06-EW-49		7/29/2020	2-Amino-4,6-Dinitrotoluene	4.64	0.259		J		1.2
PTX06-EW-49		7/29/2020	4-Amino-2,6-Dinitrotoluene	2.15	0.259		J		1.2
PTX06-EW-49		7/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	694	64.8		J		2
PTX06-EW-49		7/29/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	32.7	6.48		J		2
PTX06-EW-50		7/27/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1240	64.1		J		2
PTX06-EW-50		7/27/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	137	6.41		J		2
PTX06-EW-50		7/27/2020	2-Amino-4,6-Dinitrotoluene	2.83	0.256				1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-50		7/27/2020	4-Amino-2,6-Dinitrotoluene	22.2	6.41				1.2
PTX06-EW-50		7/27/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	23.4	6.41				2
PTX06-EW-50		7/27/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	7.36	6.41				2
PTX06-EW-50		7/27/2020	TNT (2,4,6-Trinitrotoluene)	30.6	6.41				3.6
PTX06-EW-51		10/8/2020	Perchlorate	250	500	J	J		26
PTX06-EW-51		10/8/2020	Chromium, Total	360	10				100
PTX06-EW-51		10/8/2020	Chromium, Hexavalent	346.81	20	I			100
PTX06-EW-53		7/27/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	804	64.4		J		2
PTX06-EW-53		7/27/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	21	6.44		J		2
PTX06-EW-53		7/27/2020	2,6-Dinitrotoluene	2.27	0.258				1
PTX06-EW-53		7/27/2020	2-Amino-4,6-Dinitrotoluene	3.26	0.258				1.2
PTX06-EW-53		7/27/2020	4-Amino-2,6-Dinitrotoluene	6.79	0.258				1.2
PTX06-EW-53		7/27/2020	TNT (2,4,6-Trinitrotoluene)	6.42	0.258				3.6
PTX06-EW-55		7/27/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	799	64.4		J		2
PTX06-EW-55		7/27/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	27.2	6.44		J		2
PTX06-EW-55		7/27/2020	2-Amino-4,6-Dinitrotoluene	5.26	0.258				1.2
PTX06-EW-55		7/27/2020	4-Amino-2,6-Dinitrotoluene	15.1	6.44				1.2
PTX06-EW-55		7/27/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	8.43	0.258				2
PTX06-EW-55		7/27/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.04	0.258				2
PTX06-EW-55		7/27/2020	TNT (2,4,6-Trinitrotoluene)	8.37	6.44				3.6
PTX06-EW-55		12/16/2020	2-Amino-4,6-Dinitrotoluene	3.38	0.263				1.2
PTX06-EW-55		12/16/2020	4-Amino-2,6-Dinitrotoluene	17	2.63				1.2
PTX06-EW-55		12/16/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.95	0.263				2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-55		12/16/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	516	26.3				2
PTX06-EW-55		12/16/2020	TNT (2,4,6-Trinitrotoluene)	20.8	2.63				3.6
PTX06-EW-55		12/16/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	26.5	2.63				2
PTX06-EW-56		12/21/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	652	25.6		J		2
PTX06-EW-56		12/21/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	31.5	2.56		J		2
PTX06-EW-56		12/21/2020	2-Amino-4,6-Dinitrotoluene	3.78	0.256		J-		1.2
PTX06-EW-56		12/21/2020	4-Amino-2,6-Dinitrotoluene	13.7	2.56		J-		1.2
PTX06-EW-56		12/21/2020	TNT (2,4,6-Trinitrotoluene)	17.3	2.56		J-		3.6
PTX06-EW-56		12/21/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.14	0.256				2
PTX06-EW-57		7/27/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1160	64.3		J		2
PTX06-EW-57		7/27/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	22.5	6.43		J		2
PTX06-EW-57		7/27/2020	2,6-Dinitrotoluene	1.47	0.257				1
PTX06-EW-57		7/27/2020	2-Amino-4,6-Dinitrotoluene	4.27	0.257				1.2
PTX06-EW-57		7/27/2020	4-Amino-2,6-Dinitrotoluene	16.2	6.43				1.2
PTX06-EW-57		7/27/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	4.42	0.257				2
PTX06-EW-57		7/27/2020	TNT (2,4,6-Trinitrotoluene)	18.9	6.43				3.6
PTX06-EW-59		8/6/2020	2-Amino-4,6-Dinitrotoluene	6.59	0.259		J		1.2
PTX06-EW-59		8/6/2020	4-Amino-2,6-Dinitrotoluene	12	2.59		J		1.2
PTX06-EW-59		8/6/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.17	0.259		J		2
PTX06-EW-59		8/6/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	410	25.9		J		2
PTX06-EW-59		8/6/2020	TNT (2,4,6-Trinitrotoluene)	16.2	2.59		J		3.6

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-59		8/6/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	17.8	2.59		J		2
PTX06-EW-61		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.37	2.6		J		2
PTX06-EW-62		8/5/2020	4-Amino-2,6-Dinitrotoluene	2.47	0.26				1.2
PTX06-EW-62		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	19	2.6				2
PTX06-EW-62		8/5/2020	TNT (2,4,6-Trinitrotoluene)	8.35	0.26				3.6
PTX06-EW-63		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.02	0.26		J-		2
PTX06-EW-63		8/5/2020	4-Amino-2,6-Dinitrotoluene	3.46	0.26				1.2
PTX06-EW-63		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	72.6	2.6				2
PTX06-EW-63		8/5/2020	TNT (2,4,6-Trinitrotoluene)	10.6	2.6				3.6
PTX06-EW-64		9/28/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	190	25.6		J		2
PTX06-EW-64		9/28/2020	TNT (2,4,6-Trinitrotoluene)	6.27	0.256		J-		3.6
PTX06-EW-64		9/28/2020	4-Amino-2,6-Dinitrotoluene	1.61	0.256				1.2
PTX06-EW-64		9/28/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.8	0.256				2
PTX06-EW-65		8/5/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	9.83	2.6		J-		2
PTX06-EW-65		8/5/2020	2-Amino-4,6-Dinitrotoluene	4.2	0.26				1.2
PTX06-EW-65		8/5/2020	4-Amino-2,6-Dinitrotoluene	2.8	0.26				1.2
PTX06-EW-65		8/5/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	277	26				2
PTX06-EW-65		8/5/2020	Chromium, Total	230	10				100
PTX06-EW-65		8/5/2020	Chromium, Hexavalent	202.127	2	I			100
PTX06-EW-66		8/4/2020	1,3,5-Trinitrobenzene	965	65.1		J+		220
PTX06-EW-66		8/4/2020	2-Amino-4,6-Dinitrotoluene	6.71	0.26				1.2
PTX06-EW-66		8/4/2020	4-Amino-2,6-Dinitrotoluene	4.23	0.26				1.2

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PTX06-EW-66		8/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	466	13				2
PTX06-EW-66		8/4/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	22	13				2
PTX06-EW-67		12/16/2020	Chromium, Hexavalent	225.301	20	I	J		100
PTX06-EW-67		12/16/2020	Chromium, Total	220	10				100
PTX06-EW-68		7/29/2020	Chromium, Total	360	10				100
PTX06-EW-68		7/29/2020	Chromium, Hexavalent	313.453	2	I			100
PTX06-EW-7		12/16/2020	2-Amino-4,6-Dinitrotoluene	2.57	0.263				1.2
PTX06-EW-7		12/16/2020	4-Amino-2,6-Dinitrotoluene	11.2	2.63				1.2
PTX06-EW-7		12/16/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	698	26.3				2
PTX06-EW-7		12/16/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.42	2.63				2
PTX06-EW-71		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.44	0.265		J		2
PTX06-EW-72		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.61	0.263		J		2
PTX06-EW-73		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.34	0.263		J		2
PTX06-EW-75		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	65.7	2.63		J		2
PTX06-EW-75		11/11/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.72	0.263		J		2
PTX06-EW-75		11/11/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	7.94	0.263		J+		2
PTX06-EW-75		11/11/2020	2-Amino-4,6-Dinitrotoluene	1.37	0.263				1.2
PTX06-EW-75		11/11/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.47	0.263				2
PTX06-EW-78A		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.82	0.265		J		2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-79		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	41.7	2.65		J		2
PTX06-EW-79		11/11/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.96	0.265		J		2
PTX06-EW-80		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	18.5	0.661		J		2
PTX06-EW-80		11/11/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.48	0.265		J		2
PTX06-EW-80		11/11/2020	4-Amino-2,6-Dinitrotoluene	2.93	0.265				1.2
PTX06-EW-80		11/11/2020	TNT (2,4,6-Trinitrotoluene)	7.71	0.265				3.6
PTX06-EW-81A		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.91	0.26		J		2
PTX06-EW-81A		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.79	0.263		J		2
PTX06-EW-9		10/8/2020	Chromium, Total	140	10				100
PTX06-EW-9		10/8/2020	Chromium, Hexavalent	145.391	20	I			100
PTX06-ISB021		6/17/2020	Manganese	87000	50	B	J	973	1715.5
PTX06-ISB021		6/17/2020	Arsenic	270	25			973	12
PTX06-ISB021		6/17/2020	Barium	6400	10			973	2000
PTX06-ISB021		8/31/2020	Manganese	11000	100		J	621	1715.5
PTX06-ISB021		8/31/2020	Arsenic	120	130	J		621	12
PTX06-ISB030B		6/17/2020	Manganese	4700	20	^ B	J	35.3	1715.5
PTX06-ISB030B		6/17/2020	Arsenic	180	25			35.3	12
PTX06-ISB030B		6/17/2020	Barium	2700	10			35.3	2000
PTX06-ISB030B		8/31/2020	Manganese	2800	100		J	26.4	1715.5
PTX06-ISB030B		8/31/2020	Barium	2500	50			26.4	2000
PTX06-ISB038		6/17/2020	Manganese	6000	20	^ B	J	645	1715.5
PTX06-ISB038		6/17/2020	Arsenic	120	25			645	12
PTX06-ISB038		9/2/2020	Arsenic	59	5			35.6	12
PTX06-ISB038		9/2/2020	Manganese	3400	100			35.6	1715.5
PTX06-ISB046		6/17/2020	Manganese	20000	20	^ B	J	12.2	1715.5

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PTX06-ISB046		6/17/2020	Arsenic	400	25			12.2	12
PTX06-ISB046		6/17/2020	Chromium, Total	160	50			12.2	100
PTX06-ISB046		9/2/2020	Arsenic	310	130			19	12
PTX06-ISB046		9/2/2020	Manganese	4400	100			19	1715.5
PTX06-ISB055		6/22/2020	Manganese	44000	100		J		1715.5
PTX06-ISB055		6/22/2020	Barium	2100	50				2000
PTX06-ISB055		12/2/2020	Manganese	48000	40			1642	1715.5
PTX06-ISB059		6/22/2020	Manganese	40000	100		J	609	1715.5
PTX06-ISB059		6/22/2020	Barium	2800	50			609	2000
PTX06-ISB059		12/2/2020	Arsenic	72	50			447	12
PTX06-ISB059		12/2/2020	Manganese	22000	40			447	1715.5
PTX06-ISB064		6/23/2020	Manganese	69000	100		J		1715.5
PTX06-ISB064		6/23/2020	Barium	2200	50				2000
PTX06-ISB064		12/2/2020	Arsenic	64	50			925	12
PTX06-ISB064		12/2/2020	Manganese	29000	40			925	1715.5
PTX06-ISB068		6/23/2020	Manganese	25000	100		J	613	1715.5
PTX06-ISB068		12/7/2020	Manganese	28000	200		J	648	1715.5
PTX06-ISB073		6/22/2020	Manganese	67000	100		J		1715.5
PTX06-ISB073		12/7/2020	Manganese	41000	200		J	2090	1715.5
PTX06-ISB075		3/3/2020	Arsenic	100	5			3.35	12
PTX06-ISB075		3/3/2020	Vinyl Chloride	6.5	1			3.35	2
PTX06-ISB075		12/1/2020	Arsenic	250	5			4.07	12
PTX06-ISB075		12/1/2020	Trichloroethene	7.1	2.5			4.07	5
PTX06-ISB075		12/1/2020	Vinyl Chloride	27	1			4.07	2
PTX06-ISB079		3/4/2020	Arsenic	32	5			49.6	12
PTX06-ISB079		11/30/2020	Arsenic	18	5			33.2	12
PTX06-ISB082		3/4/2020	Arsenic	41	5			20.7	12
PTX06-ISB082		11/30/2020	Arsenic	48	5			20.6	12
PTX06-ISB135		8/17/2020	Trichloroethene	310	13	F1	J-	229	5
PTX06-ISB302		3/5/2020	Arsenic	290	130		J	27.3	12

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PTX06-ISB302		12/7/2020	Arsenic	390	250		J	6.97	12
PTX06-ISB307		3/5/2020	Arsenic	280	13		J	2.95	12
PTX06-ISB307		12/7/2020	Manganese	9400	200		J	1678	1715.5
PTX06-ISB317		3/10/2020	Arsenic	620	130		J	7.33	12
PTX06-ISB317		3/10/2020	Manganese	2800	100			7.33	1715.5
PTX06-ISB317		12/8/2020	Manganese	70000	200		J	29.7	1715.5
PTX06-ISB321		3/10/2020	Arsenic	500	13		J	12.5	12
PTX06-ISB321		3/10/2020	Manganese	6500	10			12.5	1715.5
PTX06-ISB321		12/8/2020	Manganese	99000	200		J	637	1715.5
PTX06-ISB325		3/10/2020	Arsenic	200	130		J	20.3	12
PTX06-ISB325		3/10/2020	Manganese	2100	100			20.3	1715.5
PTX06-ISB325		12/8/2020	Arsenic	450	250		J	26.7	12
PTX06-ISB325		12/8/2020	Manganese	3900	200		J	26.7	1715.5
PTX06-ISB327		12/14/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.47	1.31		J+	2.17	2
PTX06-ISB327		12/14/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.75	0.262			2.17	2
PTX06-ISB329		12/14/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	7.42	0.262		J+	8.23	2
PTX06-ISB404		5/19/2020	4-Amino-2,6-Dinitrotoluene	1.63	0.269				1.2
PTX06-ISB404		5/19/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.12	0.269				2
PTX06-ISB404		8/10/2020	4-Amino-2,6-Dinitrotoluene	2.1	0.259			2.96	1.2
PTX06-ISB404		8/10/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	7.92	0.259			2.96	2
PTX06-ISB406		5/14/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	19.5	1.28		J-		2
PTX06-ISB406		5/14/2020	4-Amino-2,6-Dinitrotoluene	2.67	0.255				1.2
PTX06-ISB406		8/11/2020	4-Amino-2,6-Dinitrotoluene	3.91	0.26			2.6	1.2
PTX06-ISB406		8/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	30.8	2.6			2.6	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-ISB408		5/18/2020	4-Amino-2,6-Dinitrotoluene	3.31	0.269				1.2
PTX06-ISB408		5/18/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	17.8	2.69				2
PTX06-ISB409		8/11/2020	4-Amino-2,6-Dinitrotoluene	2.02	0.259			2	1.2
PTX06-ISB409		8/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.36	0.259			2	2
PTX06-ISB411		11/3/2020	4-Amino-2,6-Dinitrotoluene	1.83	0.256			6.46	1.2
PTX06-ISB411		11/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	174	25.6			6.46	2
PTX06-ISB412		11/3/2020	4-Amino-2,6-Dinitrotoluene	2.57	0.256			1.36	1.2
PTX06-ISB412		11/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	252	25.6			1.36	2
PTX06-ISB414		11/3/2020	4-Amino-2,6-Dinitrotoluene	4.6	0.256			8.06	1.2
PTX06-ISB414		11/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	428	25.6			8.06	2
PTX06-ISB414		11/3/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.93	0.256			8.06	2
PTX06-ISB416		11/3/2020	4-Amino-2,6-Dinitrotoluene	2.58	0.256			3.6	1.2
PTX06-ISB416		11/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	27.9	1.28			3.6	2
PTX06-MEW401		11/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	164	13.2		J	1.09	2
PTX06-MEW401		11/4/2020	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.98	0.263			1.09	2
PTX06-MEW401		11/4/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	7.31	0.263			1.09	2
PTX06-MEW401		11/4/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	10.4	0.263			1.09	2
PTX06-MEW402		11/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	483	26		J	0.5	2
PTX06-MEW402		11/4/2020	4-Amino-2,6-Dinitrotoluene	3.99	0.26			0.5	1.2

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PTX06-MEW402		11/4/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.97	0.26			0.5	2
PTX06-MEW403		11/4/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	142	13		J	1.01	2
PTX06-MEW403		11/4/2020	4-Amino-2,6-Dinitrotoluene	5.22	0.26			1.01	1.2
PTX06-MEW403		11/4/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.67	0.26			1.01	2
PTX06-REC405		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	190	26		J	2.18	2
PTX06-REC405		11/11/2020	4-Amino-2,6-Dinitrotoluene	2.06	0.26			2.18	1.2
PTX06-REC407		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	327	26		J	2.8	2
PTX06-REC407		11/11/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.75	0.26		J-	2.8	2
PTX06-REC407		11/11/2020	4-Amino-2,6-Dinitrotoluene	4.76	0.26			2.8	1.2
PTX06-REC409		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	644	26		J	8.23	2
PTX06-REC409		11/11/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.92	0.26		J-	8.23	2
PTX06-REC409		11/11/2020	4-Amino-2,6-Dinitrotoluene	4.98	2.6			8.23	1.2
PTX06-REC409		11/11/2020	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.63	0.26			8.23	2
PTX06-REC411		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	70.5	2.6		J	3.14	2
PTX06-REC411		11/11/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.17	0.26		J-	3.14	2
PTX06-REC411		11/11/2020	4-Amino-2,6-Dinitrotoluene	6.52	0.26			3.14	1.2
PTX07-1O03		8/12/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.41	0.26		J+	0.8	2
PTX07-1O03		8/12/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	38.2	2.6			0.8	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX07-1P02	Compliance	11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.6	0.26		J	1.15	2
PTX08-1001		6/29/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.41	0.263		J	0.81	2
PTX08-1002		11/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	142	6.51		J	3.93	2
PTX08-1002		11/11/2020	2-Amino-4,6-Dinitrotoluene	2.57	0.26			3.93	1.2
PTX08-1002		11/11/2020	4-Amino-2,6-Dinitrotoluene	2.82	6.51	J		3.93	1.2
PTX08-1002		11/11/2020	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.14	0.26			3.93	2
PTX08-1005		3/4/2020	Trichloroethene	12.1	1			0	5
PTX08-1006		3/3/2020	2-Amino-4,6-Dinitrotoluene	2.61	0.26			0.1	1.2
PTX08-1006		3/3/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	12.4	1.3			0.1	2
PTX08-1006		3/3/2020	Trichloroethene	17.3	1			0.1	5
PTX08-1006		8/11/2020	2-Amino-4,6-Dinitrotoluene	3.44	0.259			0	1.2
PTX08-1006		8/11/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	16.4	2.59			0	2
PTX08-1006		8/11/2020	Perchlorate	38.5	40	J		0	26
PTX08-1006		8/11/2020	Trichloroethene	24.3	1			0	5
PTX08-1007		7/8/2020	1,2-Dichloroethane	38.5	1		J	0	5
PTX08-1007		7/8/2020	Trichloroethene	13.7	1		J	0	5
PTX08-1007		7/8/2020	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.86	0.258		J-	0	2
PTX08-1008		7/7/2020	Perchlorate	297	400	J	J	3.47	26
PTX08-1008		7/7/2020	4-Amino-2,6-Dinitrotoluene	1.81	0.261			3.47	1.2
PTX08-1008		11/16/2020	4-Amino-2,6-Dinitrotoluene	1.86	0.26			0.13	1.2
PTX08-1008		11/16/2020	Perchlorate	203	500	J		0.13	26
PTX10-1014		8/12/2020	Trichloroethene	15	1			29	5

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

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

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?	Lab PQL (ug/L)	>Lab PQL?	GWPS (ug or pCi/L)	>GWPS?	Expected Condition?	Explanation
PTX01-1012	20200210M00013	2/10/2020	N	Perchlorate	1.03	1		J-	0.96	Y	1	NA	26	N	Y	Likely background variability.
PTX06-1056	20200210M00015	2/10/2020	N	4-Amino-2,6-Dinitrotoluene	0.558	0.254				NA	0.254	Y	1.2	N	N	Unexpected condition.
PTX06-1056	20200210M00015	2/10/2020	N	1,2-Dichloroethane	0.96	1	J			NA	1	N	5	N	N	Unexpected condition.
PTX06-1056	20200805M00148	8/5/2020	N	1,2-Dichloroethane	1.07	1		J		NA	1	Y	5	N	N	Unexpected condition.
PTX06-1056	20201117M00211	11/17/2020	N	4-Amino-2,6-Dinitrotoluene	0.654	0.259				NA	0.259	Y	1.2	N	N	Unexpected condition.
PTX06-1076	20200617M00066	6/17/2020	N	4-Amino-2,6-Dinitrotoluene	0.0933	0.26	J			NA	0.26	N	1.2	N	N	Unexpected condition.
PTX06-1076	20200826M00169	8/26/2020	V	4-Amino-2,6-Dinitrotoluene	0.0834	0.256	J			NA	0.256	N	1.2	N	N	Unexpected condition.
PTX06-1076	20201020M00176	10/20/2020	N	4-Amino-2,6-Dinitrotoluene	0.0903	0.266	J			NA	0.266	N	1.2	N	N	Unexpected condition.
PTX07-1R01	20200727M00125	7/27/2020	N	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	0.212	0.256	J	J		NA	0.256	N	2	N	N	Unexpected condition.
PTX07-1R01	20200727M00125	7/27/2020	N	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	0.206	0.256	J	J		NA	0.256	N	2	N	N	Unexpected condition.

Table D-3. Detected Boron Results in Group 1 Ogallala Aquifer Wells

Well ID	Sample ID	Sample Date	Sample Type	Measured Value (ug or pCi/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Background (ug or pCi/L)	> Background?	Lab PQL (ug/L)	>Lab PQL?	GWPS (ug or pCi/L)	>GWPS?	Expected Condition?	Mann-Kendall Trends		Explanation
															Long-Term	Short-Term	
PTX01-1011	20200723M00120	7/23/2020	N	194	15		J+	193.9	Y	15	NA	7300	N	Y	No Trend	Decreasing	This concentration likely represents natural variability in background.
PTX06-1043	20200727M00131	7/27/2020	N	194	75			193.9	Y	75	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1044	20200617M00069	6/17/2020	N	218	75			193.9	Y	75	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1044	20201019M00173	10/19/2020	N	213	75			193.9	Y	75	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1056	20200210M00015	2/10/2020	N	194	75			193.9	Y	75	NA	7300	N	Y	Decreasing	Decreasing	This concentration likely represents natural variability in background.
PTX06-1137A	20200617M00067	6/17/2020	N	218	75			193.9	Y	75	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1137A	20201019M00171	10/19/2020	N	212	75			193.9	Y	75	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1140	20200617M00068	6/17/2020	N	225	75			193.9	Y	75	NA	7300	N	Y	Increasing	No Trend	This concentration likely represents natural variability in background.
PTX06-1140	20201019M00172	10/19/2020	N	214	75			193.9	Y	75	NA	7300	N	Y	Increasing	No Trend	This concentration likely represents natural variability in background.
PTX06-1144	20200622M00071	6/22/2020	N	207	75		J	193.9	Y	75	NA	7300	N	Y	Increasing	No Trend	This concentration likely represents natural variability in background.
PTX06-1157	20200127M00002	1/27/2020	N	205	75			193.9	Y	75	NA	7300	N	Y	Increasing	Decreasing	This concentration likely represents natural variability in background.
PTX06-1157	20200727M00129	7/27/2020	N	206	75			193.9	Y	75	NA	7300	N	Y	Increasing	Decreasing	This concentration likely represents natural variability in background.

Table D-4. COC Trends vs. Expected Conditions, Group 2 Wells

Well ID	COC Expected Condition - LTM Design	COC>GWPS	Mann-Kendall Trends – SSRA											
			RDX	TNT	DNT24	DNT26	TNB135	PERC	TCE	PCE	CR-6	DIOXANE14	TCLME	
1114-MW4	Long-term decreasing trend	PERC, TCE	N/A	ND	ND	ND	ND	ND	Increasing	Decreasing	Decreasing	NT	Decreasing	No Trend
OW-WR-38	Long-term stabilization of concentrations	RDX, HMX	Increasing	ND	ND	ND	ND	ND	NT	Increasing	ND	NT	ND	NT
PTX06-1002A	Long-term stabilization of concentrations	RDX, TNX, HMX	Decreasing	ND	ND	ND	N/A	NT	No Trend	N/A	Decreasing	Probably Increasing	NT	
PTX06-1003	Long-term stabilization of concentrations	RDX, TNX	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
PTX06-1005	Long-term stabilization of concentrations	DNT24, DNT2A, DNT4A, RDX, TNB135, TNX, TCE	Decreasing	Decreasing	Decreasing	Decreasing	Probably Increasing	NT	Increasing	Increasing	Decreasing	Probably Increasing	Decreasing	
PTX06-1007	Long-term decreasing trend	PERC	Probably Increasing	ND	ND	Decreasing	ND	Decreasing	Decreasing	ND	NT	ND	Decreasing	
PTX06-1008	Long-term decreasing trend	DCA12, CR	ND	ND	ND	ND	ND	No Trend	Decreasing	ND	Decreasing	Increasing	N/A	
PTX06-1010	Long-term decreasing trend	CR, CR6, RDX	Decreasing	N/A	ND	ND	ND	NT	Increasing	No Trend	Decreasing	No Trend	ND	
PTX06-1011	Stable or decreasing trend below GWPS	TCE	No Trend	ND	N/A	ND	N/A	Decreasing	Probably Increasing	Decreasing	Probably Increasing	Increasing	Decreasing	
PTX06-1050	Long-term stabilization of concentrations	RDX, TNX	No Trend	ND	ND	ND	ND	NT	ND	ND	NT	ND	NT	
PTX06-1053	Stable or decreasing trend below GWPS	DNT2A	Decreasing	ND	ND	ND	ND	N/A	ND	ND	Decreasing	ND	N/A	
PTX06-1077A	Stable or decreasing trend below GWPS	TCE	Decreasing	ND	ND	ND	ND	No Trend	Decreasing	N/A	NT	ND	N/A	
PTX06-1088	Long-term stabilization of concentrations	TNT, TCE, CR, CR-6, RDX, DNT24, DNT2A, DNT4A, TNB135	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	NT	Decreasing	No Trend	Decreasing	No Trend	Stable
PTX06-1095A	Long-term stabilization of concentrations	RDX, TNX, TCE	Decreasing	Increasing	N/A	No Trend	Increasing	NT	Probably Increasing	Increasing	Increasing	Probably Increasing	Decreasing	
PTX07-1001	Long-term decreasing trend	RDX	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	
PTX07-1002	Long-term decreasing trend	NONE	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	
PTX07-1003	Long-term decreasing trend	RDX, HMX	Increasing	ND	ND	ND	ND	NT	No Trend	ND	NT	ND	NT	
PTX07-1006	Stable or decreasing trend below GWPS	NONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
PTX07-1P02	Stable or decreasing trend below GWPS	RDX	Increasing	ND	ND	ND	ND	N/A	ND	ND	NT	ND	Decreasing	
PTX07-1P05	Stable or decreasing trend below GWPS	RDX, TNX	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	
PTX08-1001	Long-term stabilization of concentrations	RDX, TNX	No Trend	ND	ND	ND	ND	Decreasing	ND	ND	NT	ND	N/A	

Well ID	COC Expected Condition - LTM Design	COC>GWPS	Mann-Kendall Trends – SSRA										
			RDX	TNT	DNT24	DNT26	TNB135	PERC	TCE	PCE	CR-6	DIOXANE14	TCLME
PTX08-1002	Long-term stabilization of concentrations	RDX, MNX, DNX, TNX, DNT2A	Decreasing	No Trend	No Trend	N/A	No Trend	NT	ND	ND	Decreasing	ND	NT
PTX08-1005	Long-term decreasing trend	TCE, DCA12, DIOXANE14, PERC	Decreasing	ND	ND	ND	ND	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing
PTX08-1006	Long-term decreasing trend	RDX, TNX, PERC, DNT4A, TCE, PCE, DIOXANE14, DCA12	Decreasing	ND	ND	Decreasing	N/A	Decreasing	Increasing	Decreasing	NT	Decreasing	Decreasing
PTX08-1007	Long-term decreasing trend	TCE, RDX, CR, CR-6	Decreasing	ND	ND	ND	ND	Increasing	Decreasing	Decreasing	Decreasing	Increasing	No Trend
PTX08-1008	Long-term stabilization of concentrations	CR, CR-6	N/A	ND	ND	ND	ND	Increasing	Increasing	N/A	Decreasing	No Trend	Increasing
PTX08-1009	Long-term stabilization of concentrations	NONE	Decreasing	ND	ND	ND	N/A	N/A	N/A	ND	No Trend	ND	NT
PTX10-1014	Long-term decreasing trend	TCE	Decreasing	ND	ND	ND	ND	Stable	Decreasing	Decreasing	Decreasing	ND	Decreasing

Dry* - water level measured in sump
N/A = not enough detections

ND = non-detect
NT = not tested

Table D-5. 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
PTX06-1005	20200217M00019	2/17/2020	N	1,1-Dichloroethene	1.24	1		J		NA	1	Y	7	N	Y	Low level detection of breakdown product of TCE.
PTX06-1005	20200811M00159	8/11/2020	N	1,1-Dichloroethene	1.19	1				NA	1	Y	7	N	Y	Low level detection of breakdown product of TCE.
PTX06-1095A	20200706M00104	7/6/2020	N	Manganese	19.4	5			16	Y	5	NA	1715.5	N	Y	Released from aquifer sediments because of reducing conditions in upgradient treatment zone.
PTX10-1014	20200812M00162	8/12/2020	N	Nickel	238	2		J	15	Y	2	NA	730	N	N	Likely screen corrosion.

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

Perched Aquifer Water Level Expected Conditions, Trends, and Hydrographs

Perched Water Level Trending Results Vs. Expected Conditions

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design	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	No Trend
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	Decreasing	No Trend
Southeast	PTX06-1014	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1015	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1023	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
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	Increasing
Southeast	PTX06-1039A	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
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	No Trend
Southeast	PTX06-1042	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1045	RAE	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	Decreasing	Increasing
Southeast	PTX06-1051	PS	Dry	Remain dry	Increasing	No Trend
Southeast	PTX06-1052	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing

Perched Water Level Trending Results Vs. Expected Conditions

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design	Historic WL Trend	Recent WL Trend
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	PS	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			
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	Increasing
Miscellaneous	PTX06-1097	PS, UM	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1098	RAE	Water Level, Trend/Compare to GWPS			
Southeast	PTX06-1100	RAE	Water Level, Trend/Compare to GWPS			
Southeast	PTX06-1101	RAE	Water Level, Trend/Compare to GWPS			
Southeast	PTX06-1102	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
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	Water Level, Trend/Compare to GWPS	Remain dry	Decreasing	N/A (<3 Meas
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	Increasing	Increasing
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			

Perched Water Level Trending Results Vs. Expected Conditions

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design	Historic WL Trend	Recent WL Trend
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	Dry	Dry
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			
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			
Zone 11	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	Increasing
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	Increasing
Southeast	PTX08-1009	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
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	No Trend	Increasing
Southeast	PTX06-1193	PS	Dry	Remain dry	Decreasing	Decreasing

UM = Uncertainty management

PS = Plume stability

RAE = Response action effectiveness

Dry* - water level measured in sump

Historic Trend = Since start of remedial action

Recent Trend = Last 4 measurements

Perched Groundwater Water Level Trends

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
1114-MW4	636151.93	3757809.40	80	0.00	No Trend	0.74	7	-0.10	No Trend	-0.2	44	-0.24	Decreasing	-2.35
OW-WR-38	640649.01	3765214.16	100	-0.58	Decreasing	-6.05	7	1.43	Increasing	2.8	36	0.24	Increasing	2.84
OW-WR-45	639452.38	3759812.49	54	-0.40	Decreasing	-5.66	4	0.96	Increasing	1.5	23	-0.39	Decreasing	-3.47
PTX01-1001	630592.95	3769641.90	106	0.39	Increasing	9.7	7	0.83	Increasing	1.5	45	0.27	Increasing	4.05
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
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
PTX01-1007	630918.03	3771315.45	3	0.02	No Trend	0.1	2	0.00	No Trend	0	3	0.02	No Trend	0.1
PTX01-1008	629942.97	3770782.89	76	0.12	Increasing	2.72	7	0.18	Increasing	0.4	46	0.36	Increasing	3.34
PTX01-1009	630594.67	3769018.50	4	1.02	Increasing	2.2	3	0.79	Increasing	1.2	4	1.02	Increasing	2.2
PTX01-1014A	629343.00	3769206.80	7	-0.02	No Trend	-0.13	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX04-1001	641458.10	3772334.66	50	-0.03	No Trend	0.43	3	0.52	Increasing	0.2	27	0.05	No Trend	0.34
PTX04-1002	641818.01	3772165.27	70	-0.02	No Trend	0.44	5	0.17	Increasing	0.2	33	0.06	No Trend	0.38
PTX06-1001A	640464.65	3760332.00	45	-0.66	Decreasing	-10.09	2	0.00	N/A (<3 Measurements)	0.7	21	-0.73	Decreasing	-5.78
PTX06-1002A	641161.56	3759984.00	80	-0.58	Decreasing	-8.39	7	1.10	Increasing	2	46	-0.59	Decreasing	-5.34
PTX06-1003	641498.93	3758711.05	56	-0.44	Decreasing	-7.73	5	-0.71	Decreasing	-1.2	27	-0.51	Decreasing	-6.75
PTX06-1005	640545.44	3756139.87	82	-0.49	Decreasing	-8.19	8	0.08	No Trend	-0.3	48	-0.75	Decreasing	-6.16
PTX06-1006	637450.19	3757599.75	61	-0.08	No Trend	-0.39	5	0.32	Increasing	0.6	34	-0.30	Decreasing	-2.39
PTX06-1007	637679.37	3759513.00	62	-0.13	Decreasing	-1.11	6	0.23	Increasing	0.3	35	-0.35	Decreasing	-3.66
PTX06-1008	639441.93	3759325.25	59	-0.35	Decreasing	-3.96	6	0.46	Increasing	0.9	35	-0.27	Decreasing	-3.02
PTX06-1009	639878.05	3758698.67	27	-0.12	Decreasing	-0.75	4	-0.06	No Trend	-0.1	14	-0.07	No Trend	-0.79
PTX06-1010	639886.62	3758067.00	73	0.20	Increasing	4.65	6	-0.48	Decreasing	-0.6	45	-0.01	No Trend	-0.01
PTX06-1011	639178.93	3757219.75	64	-0.27	Decreasing	-3.79	6	0.24	Increasing	0.5	36	-0.46	Decreasing	-3.88
PTX06-1012	634640.91	3755068.80	105	0.16	Increasing	4.18	9	0.05	No Trend	0.25	65	0.10	Increasing	1.85
PTX06-1013	643710.38	3764075.09	73	-0.10	No Trend	-0.13	6	0.08	No Trend	0.1	39	-0.15	Decreasing	-1.47
PTX06-1014	643758.88	3755125.71	68	-0.39	Decreasing	-6.03	6	0.32	Increasing	0.5	35	-0.49	Decreasing	-4.05
PTX06-1015	643765.00	3753617.00	86	-0.22	Decreasing	-5.45	7	-0.20	Decreasing	-0.4	46	-0.57	Decreasing	-6.19
PTX06-1017	643757.50	3755165.80	34	-0.45	Decreasing	-6.3	4	0.39	Increasing	0.6	21	-0.46	Decreasing	-4.09
PTX06-1023	642773.84	3764603.10	81	-0.27	Decreasing	-4.86	7	0.06	No Trend	0.1	46	-0.25	Decreasing	-2.48
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
PTX06-1031	644674.92	3753348.03	87	-0.21	Decreasing	-4.47	9	-0.73	Decreasing	-1	48	-0.50	Decreasing	-5.25
PTX06-1034	646555.62	3752434.98	85	-0.02	No Trend	-0.04	8	-0.25	Decreasing	-0.4	49	-0.14	Decreasing	-1.52
PTX06-1035	633027.45	3755092.64	80	0.26	Increasing	7.84	8	0.33	Increasing	0.6	47	0.21	Increasing	2.54
PTX06-1036	638615.43	3752455.56	67	-0.19	Decreasing	-2.57	5	0.01	No Trend	-0.1	33	-0.36	Decreasing	-3.33
PTX06-1037	641549.25	3752194.06	91	-0.06	No Trend	0.36	11	0.59	Increasing	0.9	65	-0.22	Decreasing	-1.06
PTX06-1038	643802.04	3760426.35	85	-0.42	Decreasing	-7.05	8	0.31	Increasing	0.5	50	-0.42	Decreasing	-4.3
PTX06-1039A	643807.47	3759272.56	79	-0.72	Decreasing	-11.33	7	-0.02	No Trend	-0.1	49	-0.77	Decreasing	-7.75
PTX06-1040	643811.23	3758262.93	85	-0.93	Decreasing	-15.04	8	-0.22	Decreasing	-1.1	49	-1.05	Decreasing	-12.35
PTX06-1041	643803.61	3757622.78	78	-0.96	Decreasing	-14.64	8	0.02	No Trend	-0.6	49	-0.95	Decreasing	-10.4
PTX06-1042	643812.20	3755779.88	81	-0.57	Decreasing	-8.16	8	0.12	Increasing	0.4	47	-0.65	Decreasing	-6.16
PTX06-1045	642697.65	3752300.00	47	0.09	No Trend	3.09	9	1.43	Increasing	2.81	20	0.29	Increasing	3.25
PTX06-1046	643802.63	3752292.55	82	-0.17	Decreasing	-0.83	8	1.52	Increasing	2.2	48	-0.34	Decreasing	-1.85
PTX06-1047A	643817.46	3752004.39	76	-0.15	Decreasing	-0.5	8	1.50	Increasing	2.1	47	-0.32	Decreasing	-1.49
PTX06-1048A	642103.43	3766957.63	66	-0.19	Decreasing	-2.82	6	0.36	Increasing	0.6	35	-0.12	Decreasing	-1
PTX06-1049	633343.53	3763376.96	69	0.17	Increasing	5.39	8	-0.03	No Trend	0	46	-0.11	Decreasing	-0.49
PTX06-1050	636746.04	3766622.06	71	-0.47	Decreasing	-5.12	7	1.52	Increasing	2.5	45	-0.34	Decreasing	-1.48
PTX06-1051	640325.13	3752259.66	9	0.27	Increasing	2	3	0.07	No Trend	0.1	9	0.27	Increasing	2
PTX06-1052	639100.91	3753957.66	81	-0.30	Decreasing	-3.35	8	0.48	Increasing	0.4	47	-0.29	Decreasing	-2.11
PTX06-1053	636576.74	3753672.06	78	-0.06	No Trend	-0.72	7	-0.13	Decreasing	-0.2	45	-0.11	Decreasing	-1.37
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
PTX06-1069	646317.00	3762879.60	65	0.01	No Trend	-0.02	6	0.06	No Trend	-0.4	34	0.03	No Trend	-0.35
PTX06-1071	642605.58	3773227.97	45	-0.07	No Trend	-0.29	4	0.14	Increasing	0.2	25	0.01	No Trend	0
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
PTX06-1077A	637201.80	3760689.50	58	-0.25	Decreasing	-2.53	6	0.32	Increasing	0.5	36	-0.36	Decreasing	-3.11
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
PTX06-1079	639813.24	3770913.67	7	1.17	Increasing	0.1	5	0.02	No Trend	0.1	7	1.17	Increasing	0.1
PTX06-1080	638901.00	3772643.95	54	-0.35	Decreasing	-4.79	4	0.08	No Trend	0.1	25	-0.50	Decreasing	-4.79
PTX06-1081	641222.41	3770912.33	62	0.23	Increasing	3.63	5	-0.28	Decreasing	-0.5	33	0.40	Increasing	2.54

Perched Groundwater Water Level Trends

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
PTX06-1082	653856.27	3780321.59	48	-0.11	Decreasing	-1.64	4	0.44	Increasing	0.8	27	0.06	No Trend	1.05
PTX06-1083	658643.46	3779777.76	48	-0.30	Decreasing	-3.99	4	0.12	Increasing	0.2	27	-0.17	Decreasing	-1.65
PTX06-1084	659419.37	3782470.36	29	0.64	Increasing	10.17	4	2.08	Increasing	2.8	18	1.44	Increasing	14.72
PTX06-1085	629059.82	3760418.31	52	0.54	Increasing	8.05	5	-0.07	No Trend	-0.1	35	0.61	Increasing	5.65
PTX06-1086	631411.81	3759843.32	56	0.46	Increasing	8.77	5	0.11	Increasing	0.2	35	0.46	Increasing	4.52
PTX06-1087	630732.20	3762042.29	40	0.64	Increasing	9.28	4	0.00	No Trend	-0.3	23	0.75	Increasing	7.18
PTX06-1088	639902.10	3757059.42	70	-0.63	Decreasing	-7.99	7	-0.08	No Trend	0.2	46	-0.62	Decreasing	-5.34
PTX06-1089	646637.32	3760258.95	18	0.00	No Trend	-0.1	3	-0.06	No Trend	-0.1	18	0.00	No Trend	-0.1
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
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
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
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
PTX06-1095A	640634.87	3755598.65	58	-0.70	Decreasing	-8.2	8	0.24	Increasing	-0.2	47	-0.65	Decreasing	-6.2
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
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
PTX06-1098	640266.14	3753628.43	45	-0.26	Decreasing	-2.95	7	0.63	Increasing	0.93	44	-0.25	Decreasing	-0.85
PTX06-1100	640285.97	3753579.52	39	-0.31	Decreasing	-3.39	6	0.53	Increasing	0.68	35	-0.29	Decreasing	-1.45
PTX06-1101	640383.57	3753437.09	36	-0.29	Decreasing	-3.03	6	0.53	Increasing	0.65	35	-0.28	Decreasing	-1.32
PTX06-1102	642751.09	3754532.94	49	-0.71	Decreasing	-9.94	3	0.02	No Trend	0	29	-0.96	Decreasing	-8.39
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
PTX06-1104	641796.58	3753542.79	20	-0.40	Decreasing	-3.07	0	0.00	N/A (No Measurements)	-999	16	-0.45	Decreasing	-2.82
PTX06-1105	641933.58	3753629.39	24	-0.44	Decreasing	-3.83	0	0.00	N/A (No Measurements)	-999	20	-0.47	Decreasing	-3.53
PTX06-1106	641867.59	3753464.82	27	-0.48	Decreasing	-5.12	0	0.00	N/A (No Measurements)	-999	22	-0.53	Decreasing	-4.53
PTX06-1107	641988.18	3753551.01	22	-0.42	Decreasing	-3.44	0	0.00	N/A (No Measurements)	-999	18	-0.46	Decreasing	-3.12
PTX06-1109	640749.00	3763102.00	28	-0.42	Decreasing	-1.64	4	3.18	Increasing	4.6	23	0.25	Increasing	4.81
PTX06-1110	640699.00	3763001.00	28	-0.43	Decreasing	-2.28	4	3.04	Increasing	4.6	23	0.29	Increasing	5.44
PTX06-1112	638235.00	3765426.00	28	0.09	No Trend	0.65	4	-0.57	Decreasing	-0.4	23	0.59	Increasing	3.14
PTX06-1113	638140.00	3765401.00	28	0.08	No Trend	0.64	4	-0.14	Decreasing	0.1	23	0.61	Increasing	3.84
PTX06-1115	638225.00	3763257.00	28	-0.33	Decreasing	0.52	4	3.23	Increasing	4.4	23	0.04	No Trend	2.17
PTX06-1116	638158.00	3763190.00	28	-0.38	Decreasing	-0.21	4	3.34	Increasing	4.5	23	-0.02	No Trend	1.65
PTX06-1117	638183.43	3763280.80	28	-0.27	Decreasing	-1.75	7	3.34	Increasing	5.6	23	0.14	Increasing	2.16
PTX06-1118	641644.92	3752736.07	32	-0.64	Decreasing	-4.95	0	0.00	N/A (No Measurements)	-999	24	-0.32	Decreasing	-2.22
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
PTX06-1120	643152.43	3752735.03	44	-0.35	Decreasing	-2.18	7	1.20	Increasing	2	41	-0.36	Decreasing	-1.92
PTX06-1121	643645.57	3752750.09	33	-0.27	Decreasing	-2.05	1	0.00	N/A (<3 Measurements)	0	30	-0.27	Decreasing	-1.81
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
PTX06-1123	642051.96	3752319.94	74	-0.23	Decreasing	-2.88	10	0.71	Increasing	0.97	66	-0.26	Decreasing	-1.37
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
PTX06-1126	635034.72	3755562.85	59	0.06	No Trend	0.39	8	-0.26	Decreasing	-0.4	49	0.07	No Trend	0.17
PTX06-1127	635901.90	3755432.03	57	-0.05	No Trend	-0.78	8	-0.22	Decreasing	-0.3	47	-0.05	No Trend	-0.91
PTX06-1128	641330.75	3763667.42	32	-0.24	Decreasing	-0.11	8	3.79	Increasing	5.1	27	0.11	Increasing	2.57
PTX06-1129	641514.86	3762986.22	28	-0.52	Decreasing	-3.56	4	4.64	Increasing	6	23	-0.11	Decreasing	0.9
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
PTX06-1131	629371.68	3754232.91	42	0.32	Increasing	3.43	6	0.13	Increasing	0.3	40	0.32	Increasing	3.26
PTX06-1133A	645287.37	3751315.73	38	0.18	Increasing	-0.56	8	0.58	Increasing	0.4	38	0.18	Increasing	-0.56
PTX06-1134	633520.06	3754409.17	48	0.17	Increasing	1.96	8	0.16	Increasing	0.3	47	0.18	Increasing	2.16
PTX06-1135	638343.76	3753631.93	37	-0.25	Decreasing	-2.56	1	0.00	N/A (<3 Measurements)	0	35	-0.24	Decreasing	-2.12
PTX06-1136	634860.83	3766771.76	29	-2.80	Decreasing	-16.82	0	0.00	N/A (No Measurements)	-999	27	-2.99	Decreasing	-16.74
PTX06-1146	645978.91	3757691.87	49	-0.75	Decreasing	-8.35	8	-0.64	Decreasing	-1.2	47	-0.76	Decreasing	-8.28
PTX06-1147	645431.85	3753953.21	49	-0.47	Decreasing	-5.6	8	-0.68	Decreasing	-1.3	47	-0.48	Decreasing	-5.56
PTX06-1148	636467.02	3754719.67	61	-0.13	Decreasing	-1.59	11	0.05	No Trend	0.05	60	-0.12	Decreasing	-1.24
PTX06-1149	635864.13	3754717.64	59	-0.05	No Trend	-0.84	10	-0.02	No Trend	-0.12	58	-0.04	No Trend	-0.5
PTX06-1150	635233.98	3754718.24	59	0.04	No Trend	0.1	10	0.00	No Trend	-0.01	58	0.04	No Trend	0.43
PTX06-1151	633935.95	3756123.62	52	0.21	Increasing	2.32	8	-0.02	No Trend	0.1	49	0.21	Increasing	2.31
PTX06-1153	641184.13	3752089.44	77	-0.24	Decreasing	-1.51	20	0.52	Increasing	0.89	77	-0.24	Decreasing	-1.51
PTX06-1154	641870.52	3752278.90	68	-0.23	Decreasing	-1.35	11	0.59	Increasing	0.87	68	-0.23	Decreasing	-1.35
PTX06-1155	634603.74	3755215.62	67	0.10	Increasing	1.34	9	0.08	No Trend	0.27	67	0.10	Increasing	1.34

Perched Groundwater Water Level Trends

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
PTX06-1156	636378.92	3755076.47	67	-0.13	Decreasing	-1.03	9	0.14	Increasing	0.33	67	-0.13	Decreasing	-1.03
PTX06-1158	648137.99	3752025.93	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1159	634015.04	3754843.47	33	0.17	Increasing	1.27	8	0.26	Increasing	0.5	33	0.17	Increasing	1.27
PTX06-1160	632835.73	3756274.13	34	0.30	Increasing	2.18	9	0.36	Increasing	0.7	34	0.30	Increasing	2.18
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
PTX06-1164	633987.48	3755722.37	49	0.21	Increasing	1.6	11	0.26	Increasing	0.7	49	0.21	Increasing	1.6
PTX06-1166	639750.34	3752799.74	32	-0.24	Decreasing	-2.01	7	0.13	Increasing	0.2	32	-0.24	Decreasing	-2.01
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
PTX06-1168	642128.78	3755035.31	11	0.08	No Trend	-0.4	4	0.31	Increasing	0.3	11	0.08	No Trend	-0.4
PTX06-1169	634889.61	3755241.66	10	0.04	No Trend	0.14	4	0.20	Increasing	0	10	0.04	No Trend	0.14
PTX06-1170	634569.69	3755442.71	38	0.12	Increasing	0.96	10	0.16	Increasing	0.3	38	0.12	Increasing	0.96
PTX06-1171	634373.95	3755715.08	17	0.12	Increasing	1	6	-0.16	Decreasing	-0.1	17	0.12	Increasing	1
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
PTX06-1173	634197.62	3755312.40	23	0.23	Increasing	0.81	10	0.16	Increasing	0.43	23	0.23	Increasing	0.81
PTX06-1174	633904.63	3755489.15	23	0.30	Increasing	1.12	10	0.18	Increasing	0.57	23	0.30	Increasing	1.12
PTX06-1175	633416.97	3755651.06	24	0.33	Increasing	1.4	10	0.28	Increasing	0.75	24	0.33	Increasing	1.4
PTX06-1176	634114.06	3755500.53	47	0.27	Increasing	1.62	10	0.19	Increasing	0.72	47	0.27	Increasing	1.62
PTX06-1177	633524.62	3755818.55	48	0.32	Increasing	1.99	11	0.16	Increasing	0.85	48	0.32	Increasing	1.99
PTX06-1180	633474.07	3756487.93	15	0.34	Increasing	1.7	8	0.19	Increasing	0.4	15	0.34	Increasing	1.7
PTX06-1181	633357.69	3756752.68	14	0.30	Increasing	1.2	8	0.25	Increasing	0.5	14	0.30	Increasing	1.2
PTX06-1182	647140.17	3751088.49	20	0.06	No Trend	0.1	9	0.04	No Trend	0	20	0.06	No Trend	0.1
PTX06-1183	639765.77	3753350.43	17	0.02	No Trend	-0.1	8	0.40	Increasing	0.6	17	0.02	No Trend	-0.1
PTX06-1184	646625.06	3750638.25	7	0.01	No Trend	0.1	4	0.28	Increasing	0.2	7	0.01	No Trend	0.1
PTX06-1185	647878.41	3751139.83	14	-0.07	No Trend	0.3	8	0.13	Increasing	0.3	14	-0.07	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
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
PTX06-1190	648281.31	3751439.52	14	0.16	Increasing	0.4	9	0.16	Increasing	0.4	14	0.16	Increasing	0.4
PTX06-1191	648996.85	3750720.88	12	0.07	No Trend	0.19	8	0.16	Increasing	0.18	12	0.07	No Trend	0.19
PTX06-1192	649119.32	3749893.14	12	-0.02	No Trend	0	8	0.07	No Trend	0.1	12	-0.02	No Trend	0
PTX06-1193	646719.13	3749346.75	5	-0.34	Decreasing	-0.3	5	-0.34	Decreasing	-0.3	5	-0.34	Decreasing	-0.3
PTX06-1194	648355.41	3750477.77	13	0.11	Increasing	0.28	8	0.20	Increasing	0.26	13	0.11	Increasing	0.28
PTX06-1195	649096.79	3751968.74	11	0.15	Increasing	0.4	7	0.10	No Trend	0.2	11	0.15	Increasing	0.4
PTX06-1196	649710.26	3750989.94	11	0.11	Increasing	0.26	8	0.23	Increasing	0.3	11	0.11	Increasing	0.26
PTX06-1197	649782.14	3750355.29	10	0.06	No Trend	0.2	8	0.05	No Trend	0	10	0.06	No Trend	0.2
PTX06-1198	644481.36	3753953.55	7	-5.19	Decreasing	-11.8	4	-6.45	Decreasing	-10.8	7	-5.19	Decreasing	-11.8
PTX06-1199	650525.52	3750905.45	10	0.05	No Trend	0	8	0.14	Increasing	0.2	10	0.05	No Trend	0.1
PTX06-1200	651557.90	3749356.32	9	0.92	Increasing	3.5	8	0.04	No Trend	0	9	0.92	Increasing	3.5
PTX06-1201	650585.15	3749355.48	9	0.66	Increasing	2.5	8	0.05	No Trend	0	9	0.66	Increasing	2.5
PTX06-1202	651358.99	3750361.84	9	0.48	Increasing	1.7	9	0.48	Increasing	1.7	9	0.48	Increasing	1.7
PTX06-1203	650588.31	3749879.41	8	0.07	No Trend	0	8	0.07	No Trend	0	8	0.07	No Trend	0
PTX06-1204	650997.75	3749051.98	9	-0.01	No Trend	0	9	-0.01	No Trend	0	9	-0.01	No Trend	0
PTX06-1205	648801.56	3749894.03	4	0.12	Increasing	0.2	4	0.12	Increasing	0.2	4	0.12	Increasing	0.2
PTX06-1206	641510.49	3753403.70	4	0.02	No Trend	0	4	0.02	No Trend	0	4	0.02	No Trend	0
PTX06-1207	632958.06	3754044.99	2	0.00	N/A (<3 Measurements)	-0.03	2	0.00	N/A (<3 Measurements)	-0.03	2	0.00	N/A (<3 Measurements)	-0.03
PTX06-1208	652081.58	3749472.60	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-26	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
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
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
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
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
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
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
PTX06-EW-84	645082.73	3753954.16	2	0.00	N/A (<3 Measurements)	-0.4	0	0.00	N/A (<3 Measurements)	-999	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
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
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
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

Perched Groundwater Water Level Trends

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
PTX06-ISB010	640805.43	3752335.36	7	-0.28	Decreasing	-1.79	3	1.01	Increasing	1.58	7	-0.28	Decreasing	-1.79
PTX06-ISB011	640901.34	3752364.37	11	-0.44	Decreasing	-5.06	3	1.51	Increasing	1.95	9	-0.48	Decreasing	-2.91
PTX06-ISB012	640997.33	3752392.85	10	-0.39	Decreasing	-1.98	3	1.71	Increasing	2.31	10	-0.39	Decreasing	-1.98
PTX06-ISB013	641094.48	3752437.36	9	0.00	No Trend	-0.15	4	0.07	No Trend	-0.12	9	0.00	No Trend	-0.15
PTX06-ISB014	641188.34	3752451.45	68	-0.45	Decreasing	-6.53	6	0.95	Increasing	0.6	61	-0.52	Decreasing	-3.5
PTX06-ISB015	641282.85	3752478.49	8	-0.53	Decreasing	-3.17	3	1.49	Increasing	1.83	8	-0.53	Decreasing	-3.17
PTX06-ISB016	641379.46	3752509.22	9	0.00	No Trend	-0.26	3	0.22	Increasing	0.11	8	0.03	No Trend	0.12
PTX06-ISB017	641476.26	3752538.73	2	0.00	N/A (<3 Measurements)	-0.06	2	0.00	N/A (<3 Measurements)	-0.06	2	0.00	N/A (<3 Measurements)	-0.06
PTX06-ISB018	641570.69	3752567.95	9	-0.58	Decreasing	-7.88	4	0.31	Increasing	0.37	7	0.14	Increasing	0.41
PTX06-ISB019	641666.28	3752597.62	67	-1.31	Decreasing	-11.06	7	0.10	No Trend	0.19	60	-1.42	Decreasing	-9.91
PTX06-ISB020	641762.34	3752625.80	6	0.87	Increasing	-0.11	3	3.49	Increasing	4.78	6	0.87	Increasing	-0.11
PTX06-ISB021	641857.77	3752657.45	10	-0.27	Decreasing	-4.28	5	2.71	Increasing	3.47	8	0.14	Increasing	-0.33
PTX06-ISB022	641955.44	3752684.48	7	2.05	Increasing	5.91	4	6.25	Increasing	9.31	7	2.05	Increasing	5.91
PTX06-ISB023A	642048.63	3752724.53	7	-0.01	No Trend	0.07	4	0.01	No Trend	0.06	7	-0.01	No Trend	0.07
PTX06-ISB024	642144.65	3752737.70	38	-0.46	Decreasing	-5.63	0	0.00	N/A (No Measurements)	-999	36	-0.65	Decreasing	-5.15
PTX06-ISB025	642241.84	3752770.49	7	0.01	No Trend	0.12	4	0.07	No Trend	0.13	7	0.01	No Trend	0.12
PTX06-ISB026	642336.93	3752798.27	9	-0.49	Decreasing	-9.04	4	0.28	Increasing	0.12	7	-0.04	No Trend	0.16
PTX06-ISB027	642431.36	3752828.68	7	0.01	No Trend	0.15	4	0.06	No Trend	0.15	7	0.01	No Trend	0.15
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
PTX06-ISB029A	640994.88	3752253.46	8	-0.83	Decreasing	-8.66	3	0.14	Increasing	0.1	7	-0.99	Decreasing	-8.55
PTX06-ISB030B	641094.72	3752286.25	67	-0.26	Decreasing	-1.65	8	1.08	Increasing	1.29	61	-0.25	Decreasing	0.7
PTX06-ISB031	641176.52	3752313.22	6	-0.26	Decreasing	-4.37	2	0.00	N/A (<3 Measurements)	-0.17	3	-0.32	Decreasing	-2.85
PTX06-ISB032	641277.51	3752351.41	5	0.07	No Trend	1.8	2	1.64	Increasing	1.76	4	0.52	Increasing	1.4
PTX06-ISB033	641370.09	3752378.35	6	0.06	No Trend	0.1	3	0.10	No Trend	0.11	6	0.06	No Trend	0.1
PTX06-ISB034	641467.88	3752407.71	7	-0.17	Decreasing	-2.05	3	-0.02	No Trend	0.03	6	-0.04	No Trend	0
PTX06-ISB035	641563.65	3752435.15	7	0.04	No Trend	0.62	3	2.23	Increasing	2.42	6	0.96	Increasing	1.09
PTX06-ISB036	641657.73	3752465.76	31	-0.19	Decreasing	-3.31	3	0.72	Increasing	0.97	22	-0.21	Decreasing	-0.88
PTX06-ISB037	641753.03	3752494.63	6	-0.22	Decreasing	-0.5	3	-0.27	Decreasing	-0.48	6	-0.22	Decreasing	-0.5
PTX06-ISB038	641850.23	3752524.17	70	-0.23	Decreasing	-3.24	8	0.61	Increasing	0.66	61	-0.26	Decreasing	-0.94
PTX06-ISB039	641945.73	3752552.70	6	0.12	Increasing	0.27	3	0.46	Increasing	0.61	6	0.12	Increasing	0.27
PTX06-ISB040	642035.47	3752578.67	7	-0.17	Decreasing	-1.65	3	-0.03	No Trend	0.04	6	0.06	No Trend	0.3
PTX06-ISB041	642136.52	3752608.90	6	0.09	No Trend	0.15	3	0.36	Increasing	0.44	6	0.09	No Trend	0.15
PTX06-ISB042	642233.39	3752640.96	69	-0.72	Decreasing	-3.68	9	4.57	Increasing	6.35	61	-0.78	Decreasing	-1.07
PTX06-ISB043	642329.34	3752670.29	7	0.02	No Trend	0.14	4	0.08	No Trend	0.12	7	0.02	No Trend	0.14
PTX06-ISB044A	641891.24	3752479.24	6	0.10	No Trend	0.42	3	4.08	Increasing	5.64	6	0.10	No Trend	0.42
PTX06-ISB045	642521.05	3752726.81	8	-0.20	Decreasing	-2.28	4	0.23	Increasing	0.32	7	0.10	Increasing	0.33
PTX06-ISB046	641939.34	3752422.69	69	-0.23	Decreasing	-2.05	8	-0.49	Decreasing	-0.8	60	-0.28	Decreasing	-2
PTX06-ISB047	642035.50	3752450.45	6	-0.18	Decreasing	0.14	3	0.13	Increasing	0.51	6	-0.18	Decreasing	0.14
PTX06-ISB048	642131.84	3752479.89	64	-0.11	Decreasing	-0.85	7	1.13	Increasing	0.42	60	-0.16	Decreasing	2.85
PTX06-ISB049	642227.63	3752509.10	9	-0.60	Decreasing	-8.11	4	0.09	No Trend	0.15	7	0.02	No Trend	0.11
PTX06-ISB050	642323.05	3752537.46	7	0.02	No Trend	0.15	4	0.07	No Trend	0.12	7	0.02	No Trend	0.15
PTX06-ISB051	642419.78	3752567.70	1	0.00	N/A (<3 Measurements)	0	1	0.00	N/A (<3 Measurements)	0	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB055	636606.08	3755477.40	59	-0.13	Decreasing	-1.1	7	-0.01	No Trend	-0.03	58	-0.14	Decreasing	-0.68
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
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
PTX06-ISB059	636234.22	3755246.12	60	-0.12	Decreasing	-2.1	7	-1.11	Decreasing	-1.13	59	-0.12	Decreasing	-1.32
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
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
PTX06-ISB063	635886.33	3755141.05	56	-0.04	No Trend	-0.49	3	-0.66	Decreasing	-0.24	55	-0.04	No Trend	0.28
PTX06-ISB064	635785.77	3755140.34	4	0.09	No Trend	-0.04	4	0.09	No Trend	-0.04	4	0.09	No Trend	-0.04
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
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
PTX06-ISB068	635263.93	3755181.61	4	-0.19	Decreasing	-0.27	4	-0.19	Decreasing	-0.27	4	-0.19	Decreasing	-0.27
PTX06-ISB069A	635170.02	3755241.04	56	0.21	Increasing	0.53	3	0.44	Increasing	0.15	55	0.22	Increasing	0.74
PTX06-ISB071	634991.20	3755334.12	39	0.18	Increasing	4.07	4	4.57	Increasing	3.65	38	0.23	Increasing	4.15
PTX06-ISB073	634821.31	3755453.71	57	0.11	Increasing	0.5	7	-0.32	Decreasing	-0.57	56	0.11	Increasing	0.49
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

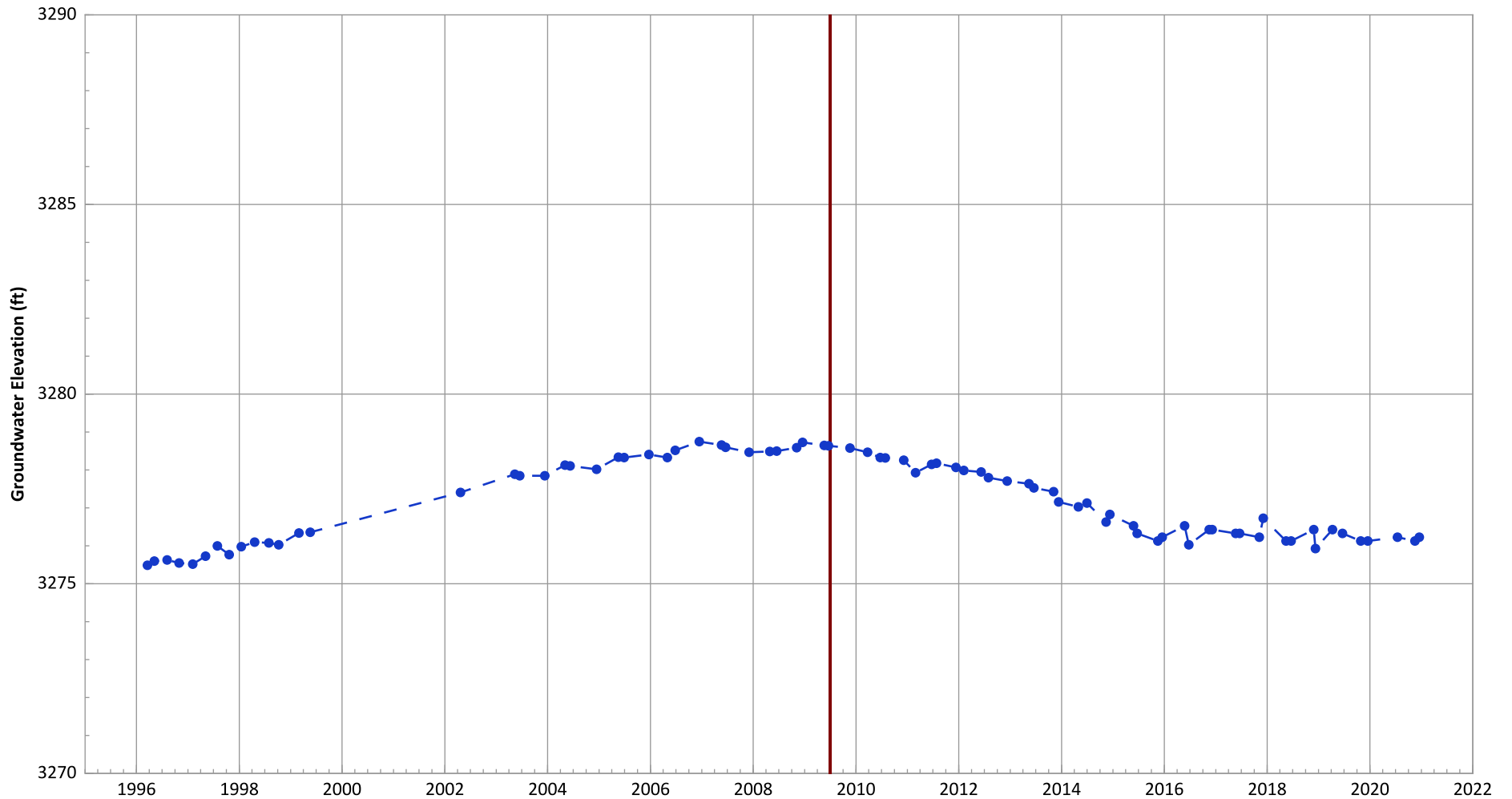
Perched Groundwater Water Level Trends

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
PTX06-ISB075	634813.17	3755333.92	68	0.04	No Trend	0.56	10	0.05	No Trend	0.11	67	0.03	No Trend	0.11
PTX06-ISB077	634942.76	3755207.57	55	-0.01	No Trend	0.97	3	8.48	Increasing	3.13	54	-0.01	No Trend	0.84
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
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
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
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
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
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
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
PTX06-ISB133	633258.03	3756042.56	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
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
PTX06-ISB135	633150.44	3756170.97	2	0.00	N/A (<3 Measurements)	-0.04	2	0.00	N/A (<3 Measurements)	-0.04	2	0.00	N/A (<3 Measurements)	-0.04
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
PTX06-ISB137	633029.65	3756277.60	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
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
PTX06-ISB302	647471.65	3750705.36	11	0.19	Increasing	0.5	10	0.25	Increasing	0.42	11	0.19	Increasing	0.5
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
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
PTX06-ISB305	647682.57	3750783.88	5	0.18	Increasing	0.52	2	0.00	N/A (<3 Measurements)	0.33	5	0.18	Increasing	0.52
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
PTX06-ISB307	647823.09	3750836.66	12	0.15	Increasing	0.4	9	0.15	Increasing	0.27	12	0.15	Increasing	0.4
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
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
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
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
PTX06-ISB312	648175.64	3750967.12	4	0.24	Increasing	0.7	3	0.21	Increasing	0.3	4	0.24	Increasing	0.7
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
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
PTX06-ISB315	648386.52	3751045.71	4	0.33	Increasing	0.53	0	0.00	N/A (No Measurements)	-999	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
PTX06-ISB317	648527.50	3751098.16	12	0.05	No Trend	0.2	9	0.09	No Trend	-0.15	12	0.05	No Trend	0.2
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
PTX06-ISB319	648668.62	3751150.76	4	0.27	Increasing	0.32	1	0.00	N/A (<3 Measurements)	0	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
PTX06-ISB321	648809.07	3751203.15	12	0.13	Increasing	0.19	9	0.23	Increasing	0.47	12	0.13	Increasing	0.19
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
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
PTX06-ISB324	649020.47	3751282.05	5	0.07	No Trend	0.25	3	0.10	Increasing	0.12	5	0.07	No Trend	0.25
PTX06-ISB325	649090.64	3751308.18	12	0.03	No Trend	0.02	9	-0.03	No Trend	-0.06	12	0.03	No Trend	0.02
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
PTX06-ISB329	649091.36	3751609.51	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-ISB401	650711.91	3749151.58	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB402	650776.49	3749189.00	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB404	650906.57	3749264.00	2	0.00	N/A (<3 Measurements)	1.4	2	0.00	N/A (<3 Measurements)	1.4	2	0.00	N/A (<3 Measurements)	1.4
PTX06-ISB406	651036.29	3749338.63	2	0.00	N/A (<3 Measurements)	-1.4	2	0.00	N/A (<3 Measurements)	-1.4	2	0.00	N/A (<3 Measurements)	-1.4
PTX06-ISB407	651101.78	3749376.17	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
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
PTX06-ISB409	651231.74	3749451.28	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-ISB410	651296.89	3749487.69	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
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
PTX06-ISB412	649464.65	3750447.35	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB414	649662.66	3750642.84	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-ISB416	649866.95	3750879.41	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	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-MEW402	649411.98	3750861.97	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-MEW403	649523.62	3750870.15	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-PRB14	641962.68	3753612.88	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999

Perched Groundwater Water Level Trends

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
PTX06-PZ01	643789.66	3761892.10	35	-0.56	Decreasing	-7.46	4	0.53	Increasing	0.8	23	-0.59	Decreasing	-5.52
PTX06-PZ02	643787.96	3762392.75	36	-0.54	Decreasing	-7.76	4	0.08	No Trend	0.1	23	-0.59	Decreasing	-5.95
PTX06-PZ03	642509.25	3761394.76	36	-0.78	Decreasing	-9.45	4	1.08	Increasing	1.7	23	-0.59	Decreasing	-5.65
PTX06-PZ05	643801.38	3760094.07	35	-0.48	Decreasing	-6.5	4	1.03	Increasing	1.1	23	-0.41	Decreasing	-4.05
PTX06-PZ06	643817.92	3756361.90	35	-0.77	Decreasing	-11.1	4	-0.08	No Trend	-0.1	22	-0.69	Decreasing	-7.13
PTX06-REC403	651274.87	3749064.42	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
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
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
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
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
PTX07-1O01	638532.53	3767695.22	70	-0.29	Decreasing	-2.36	5	1.70	Increasing	2	38	-0.35	Decreasing	-0.98
PTX07-1O02	639106.56	3768117.46	75	-0.40	Decreasing	-2.39	7	4.54	Increasing	8	46	-0.87	Decreasing	-1.76
PTX07-1O03	639046.64	3767462.56	65	-0.27	Decreasing	-2.19	6	1.48	Increasing	2	35	-0.16	Decreasing	-0.38
PTX07-1O04	638749.15	3767983.84	44	-0.37	Decreasing	-4.42	4	1.40	Increasing	2.5	23	-0.42	Decreasing	-1.88
PTX07-1O05	638880.17	3768126.29	41	-0.32	Decreasing	-5.75	4	0.00	No Trend	0	23	-0.20	Decreasing	-2.7
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
PTX07-1P01	637221.95	3762763.60	45	-0.24	Decreasing	-4.29	4	0.08	No Trend	0.1	23	-0.10	No Trend	-1.3
PTX07-1P02	637817.70	3763019.08	73	-0.59	Decreasing	-5.15	7	3.09	Increasing	4.6	47	-0.19	Decreasing	1.01
PTX07-1P03	636938.46	3762755.25	45	-0.36	Decreasing	-6.25	4	0.13	Increasing	0.2	22	-0.32	Decreasing	-3.19
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
PTX07-1P05	637136.13	3762886.83	50	-0.41	Decreasing	-5.12	5	2.04	Increasing	3.3	33	-0.25	Decreasing	-0.67
PTX07-1P06	637197.39	3762509.81	46	-0.50	Decreasing	-9.7	4	-0.12	Decreasing	-0.2	23	-0.39	Decreasing	-4.29
PTX07-1Q01	629274.83	3755836.12	58	0.35	Increasing	8.39	5	-1.38	Decreasing	0.3	35	0.39	Increasing	3.8
PTX07-1Q02	628876.97	3756408.66	63	0.34	Increasing	8.81	5	0.30	Increasing	0.1	36	0.35	Increasing	3.83
PTX07-1Q03	630542.61	3757408.87	58	0.36	Increasing	7.71	2	0.00	N/A (<3 Measurements)	-0.5	33	0.36	Increasing	3.33
PTX07-1R03	627664.39	3764501.80	47	0.00	No Trend	-0.36	4	-0.54	Decreasing	-0.8	26	0.17	Increasing	0.36
PTX08-1001	638941.45	3762976.26	96	-0.82	Decreasing	-7.13	6	3.86	Increasing	5.7	36	0.11	Increasing	3.08
PTX08-1002	640859.00	3763003.22	114	-0.96	Decreasing	-8.48	7	3.60	Increasing	6.5	45	0.17	Increasing	4.63
PTX08-1003	635385.36	3760136.56	65	0.08	No Trend	3.2	4	0.06	No Trend	0.1	34	-0.20	Decreasing	-1.75
PTX08-1005	635316.66	3756346.19	77	0.13	Increasing	2.09	7	-1.03	Decreasing	-1.6	46	0.11	Increasing	-0.62
PTX08-1006	636400.41	3756761.86	81	-0.01	No Trend	0.61	8	-0.03	No Trend	-0.1	46	-0.19	Decreasing	-1.94
PTX08-1007	638900.04	3758440.46	60	-0.10	Decreasing	-1.05	5	0.49	Increasing	0.8	34	-0.29	Decreasing	-1.95
PTX08-1008	637485.10	3755695.51	86	-0.10	No Trend	-1.14	8	0.30	Increasing	0.4	48	-0.25	Decreasing	-2.29
PTX08-1009	638866.95	3755275.01	78	-0.27	Decreasing	-2.14	7	0.69	Increasing	0.9	45	-0.40	Decreasing	-3.03
PTX08-1010	641401.47	3773206.74	61	-0.05	No Trend	-0.1	4	0.10	No Trend	0.2	25	0.08	No Trend	0.3
PTX10-1008	633458.45	3760876.41	51	0.32	Increasing	8.38	4	0.71	Increasing	1.2	23	0.17	Increasing	2.31
PTX10-1014	639701.73	3759769.72	58	-0.49	Decreasing	-6.38	6	0.97	Increasing	1.7	35	-0.41	Decreasing	-3.46

**1114-MW4 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

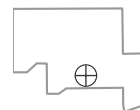


Notes:

1. Top of screen elevation is 3280.32 ft msl.
 2. The bottom of screen elevation is 3260.32 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

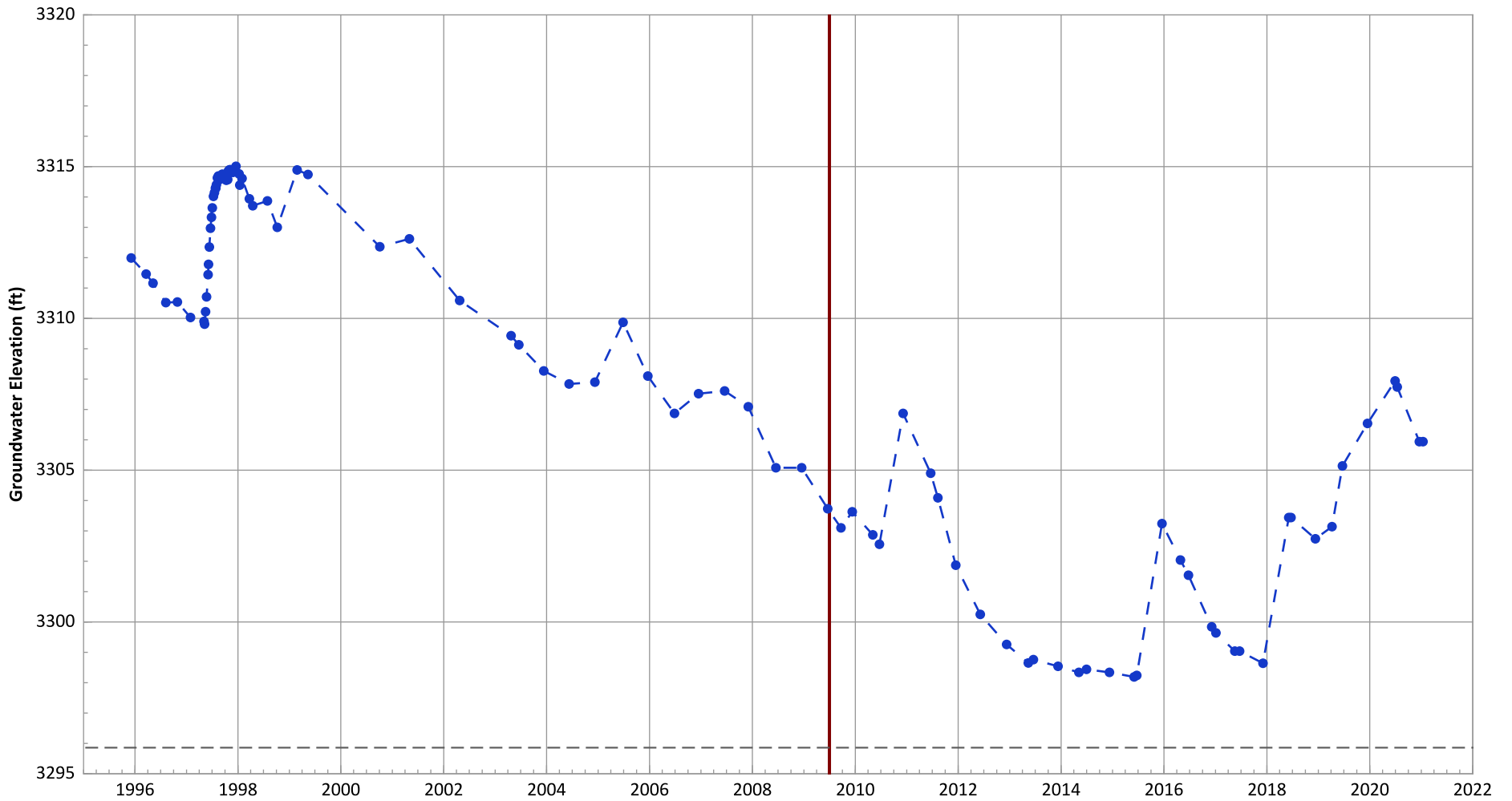
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.24 ft/yr

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

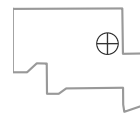


Notes:

1. Top of screen elevation is 3310.86 ft msl.
 2. The bottom of screen elevation is 3295.86 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

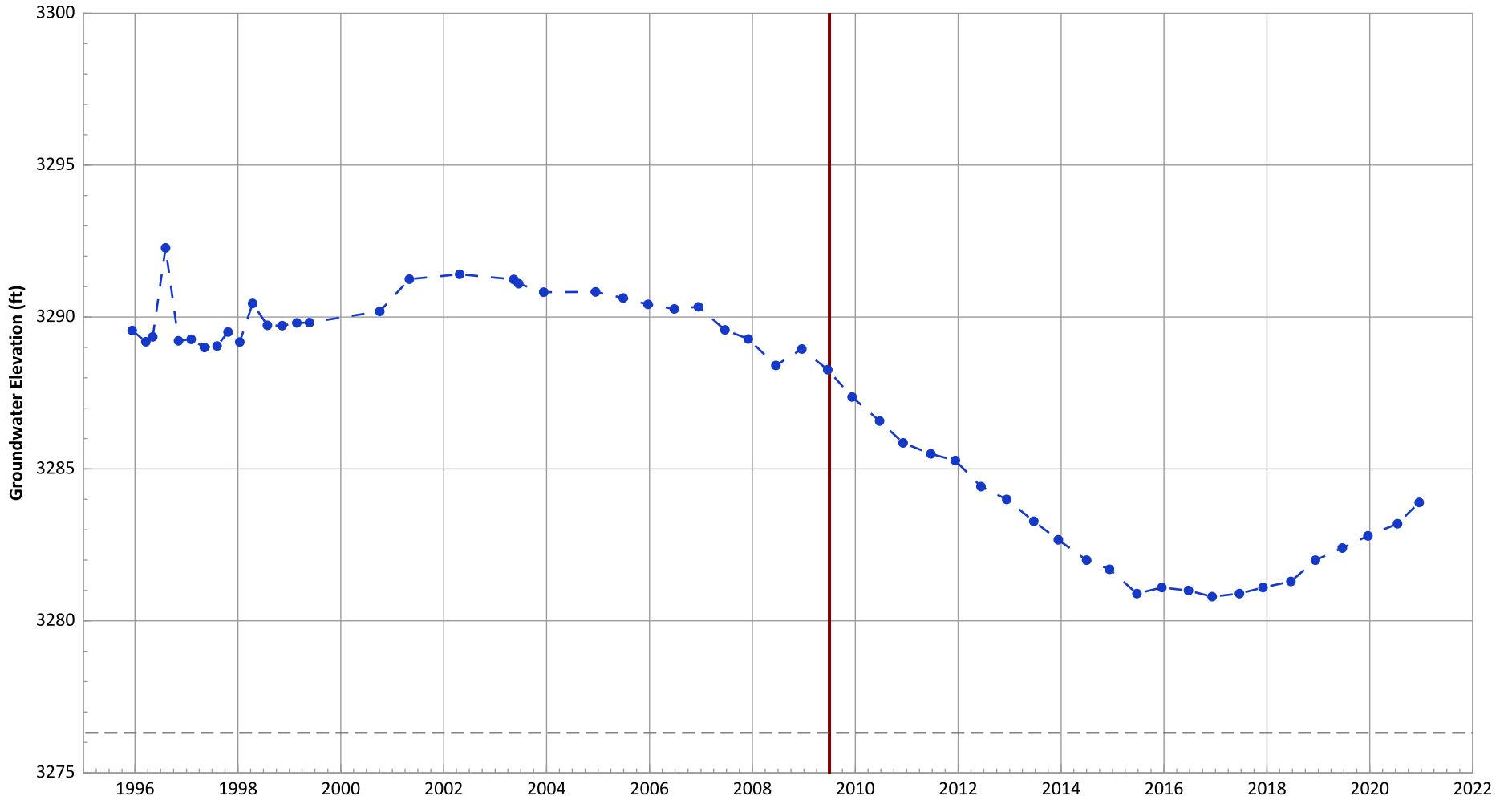
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.43 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.24 ft/yr

**OW-WR-45 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



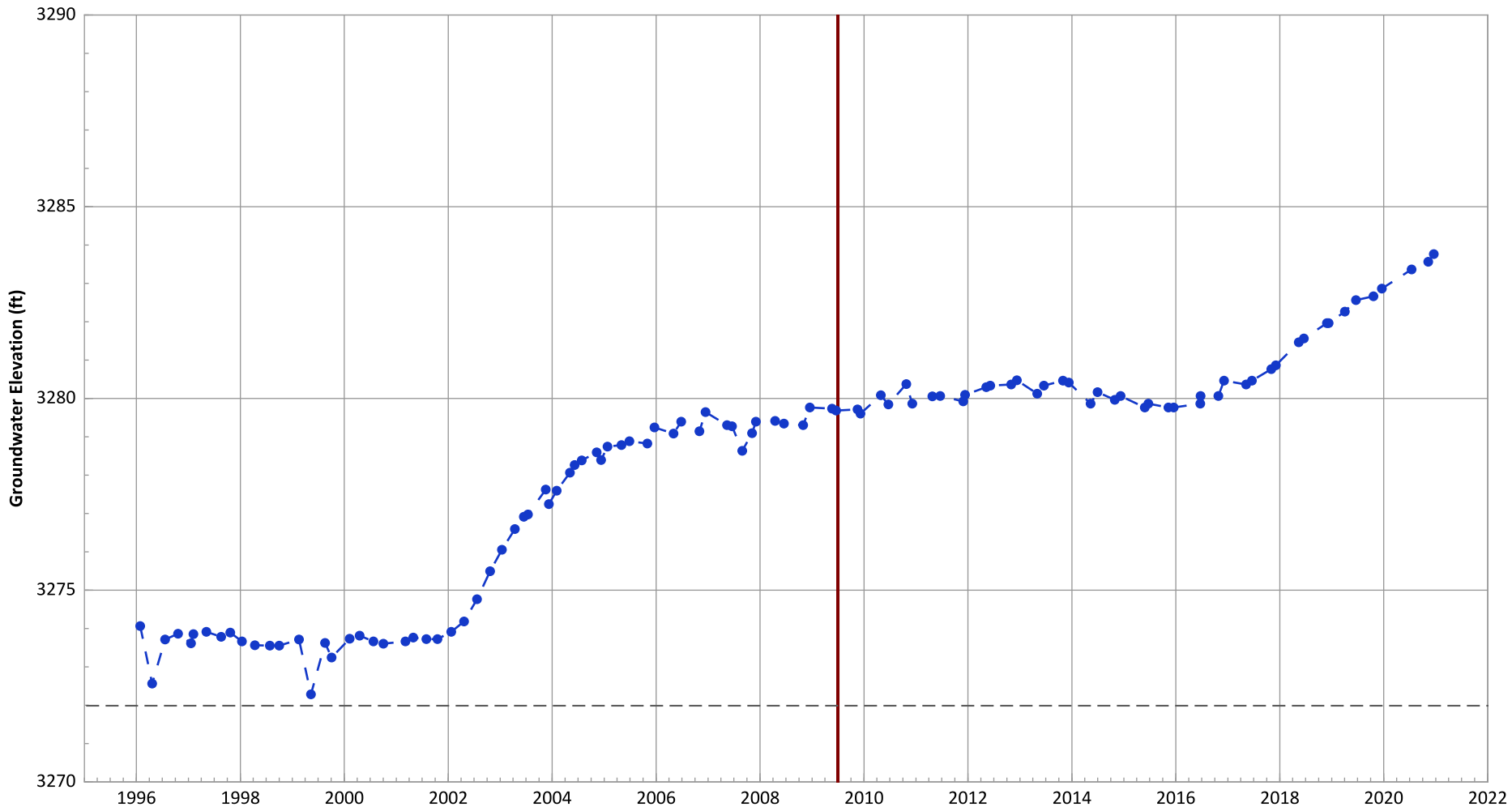
Notes:
 1. Top of screen elevation is 3296.31 ft msl.
 2. The bottom of screen elevation is 3276.31 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

—●— Groundwater Elevation
 - - - Bottom of Screen Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.96 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.39 ft/yr

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

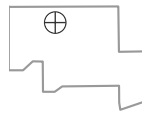


Notes:

1. Top of screen elevation is 3286.99 ft msl.
 2. The bottom of screen elevation is 3271.99 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

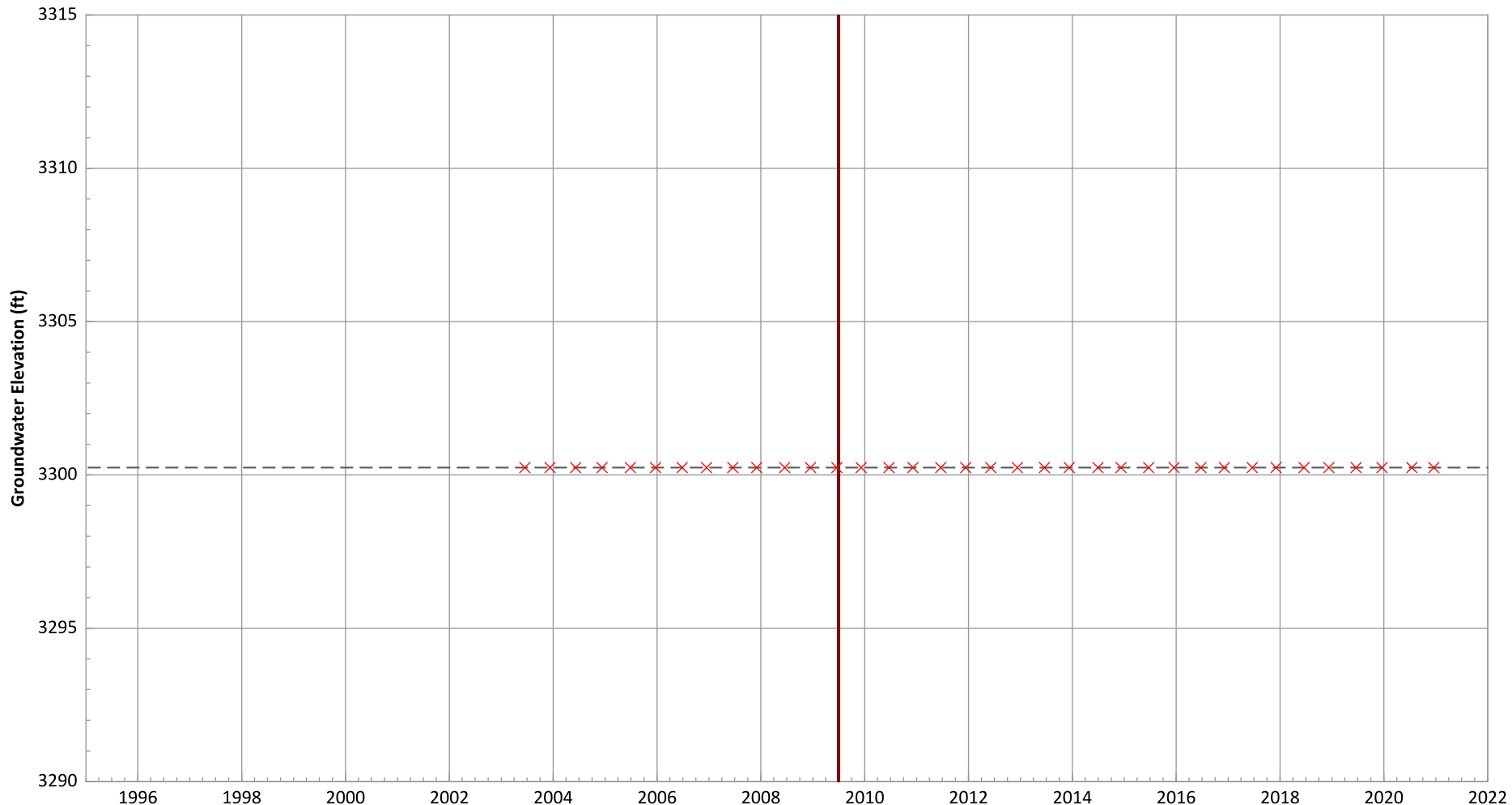
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.83 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.27 ft/yr

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

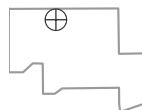


Notes:

1. Top of screen elevation is 3320.24 ft msl.
 2. The bottom of screen elevation is 3300.24 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

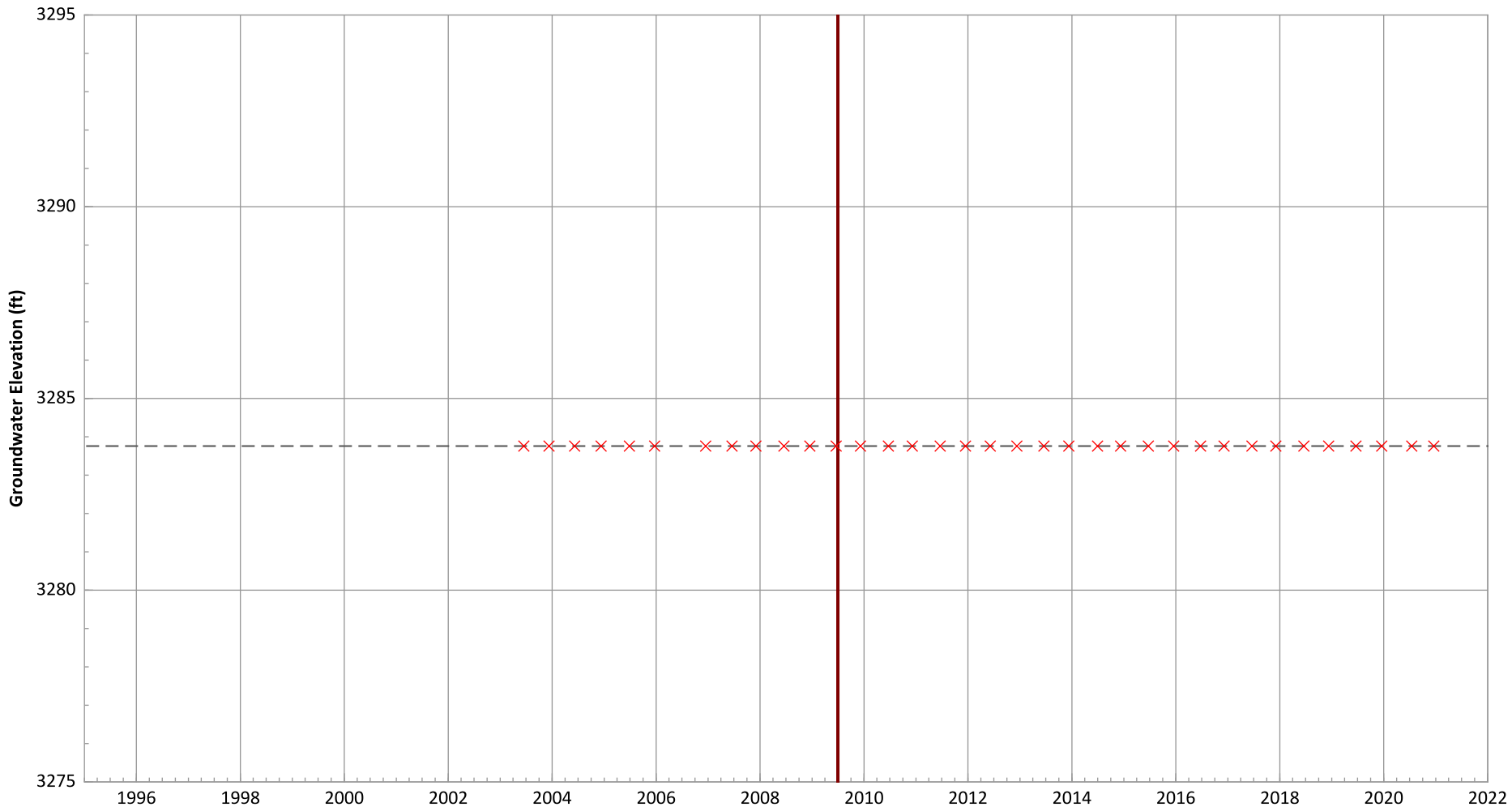
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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

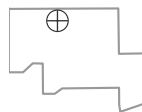


Notes:

1. Top of screen elevation is 3313.76 ft msl.
 2. The bottom of screen elevation is 3283.76 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

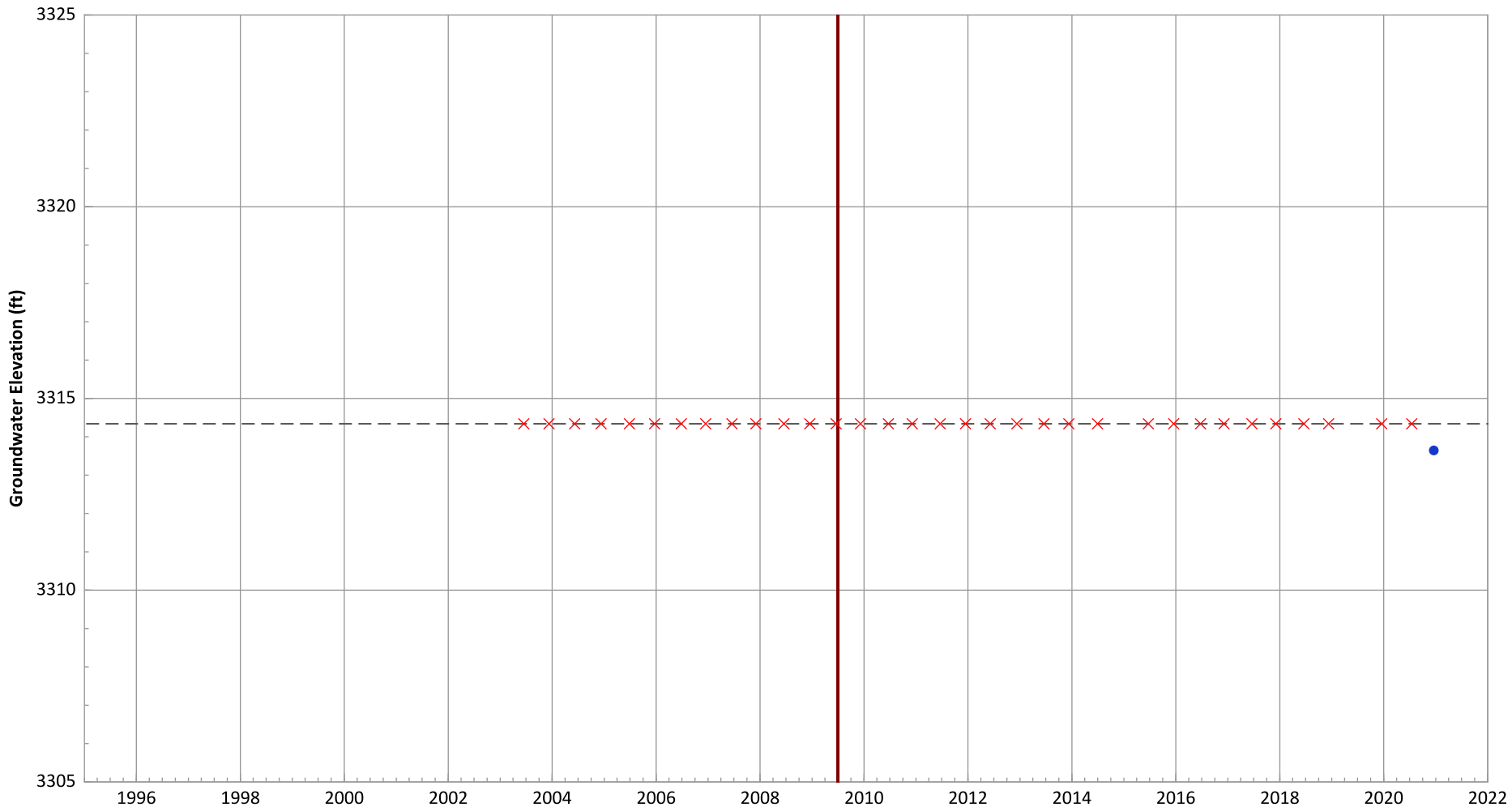
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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

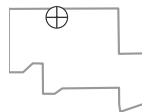


Notes:

1. Top of screen elevation is 3334.34 ft msl.
 2. The bottom of screen elevation is 3314.34 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

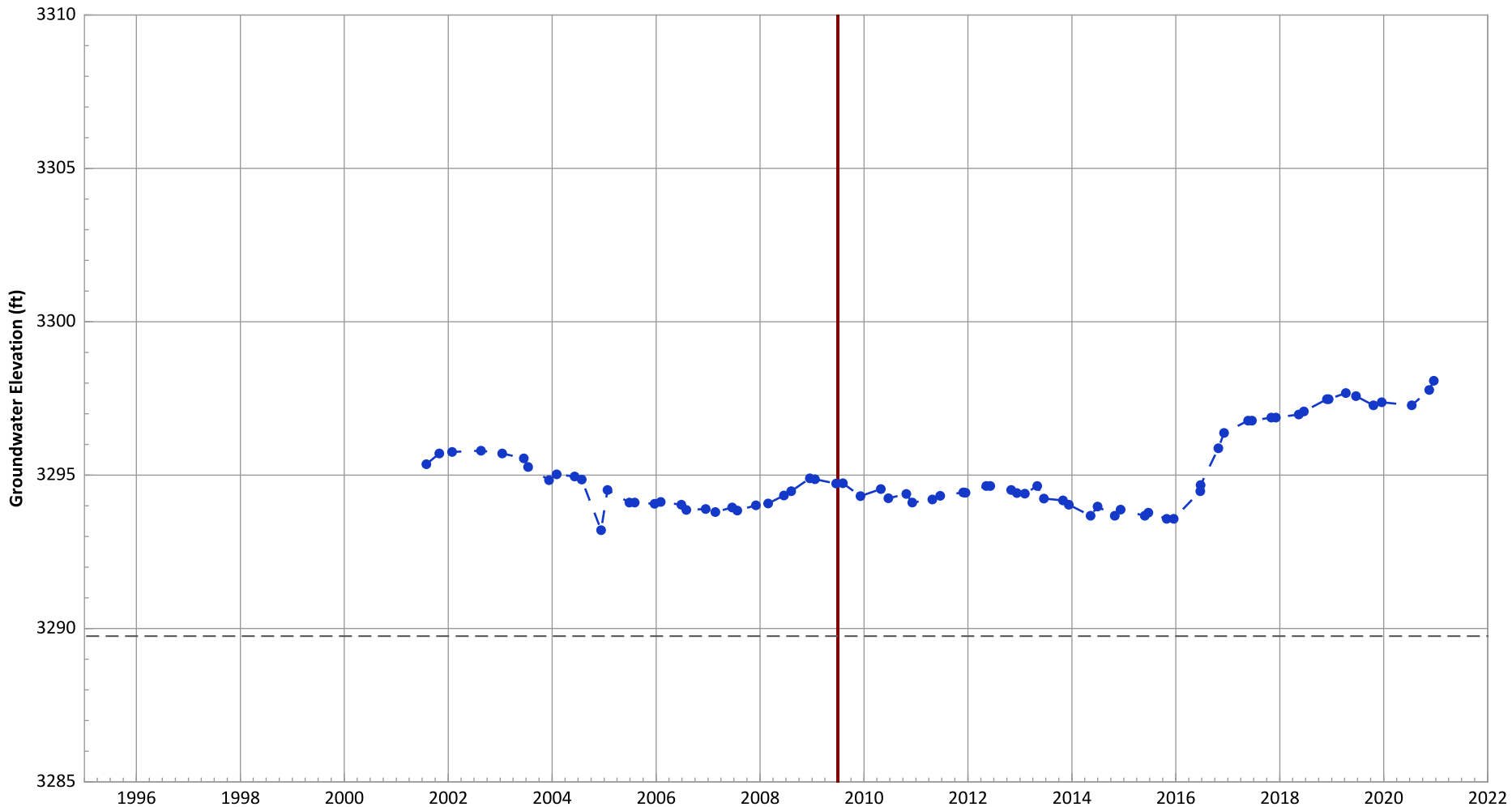
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

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

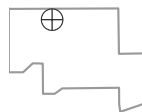


Notes:

1. Top of screen elevation is 3309.75 ft msl.
 2. The bottom of screen elevation is 3289.75 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

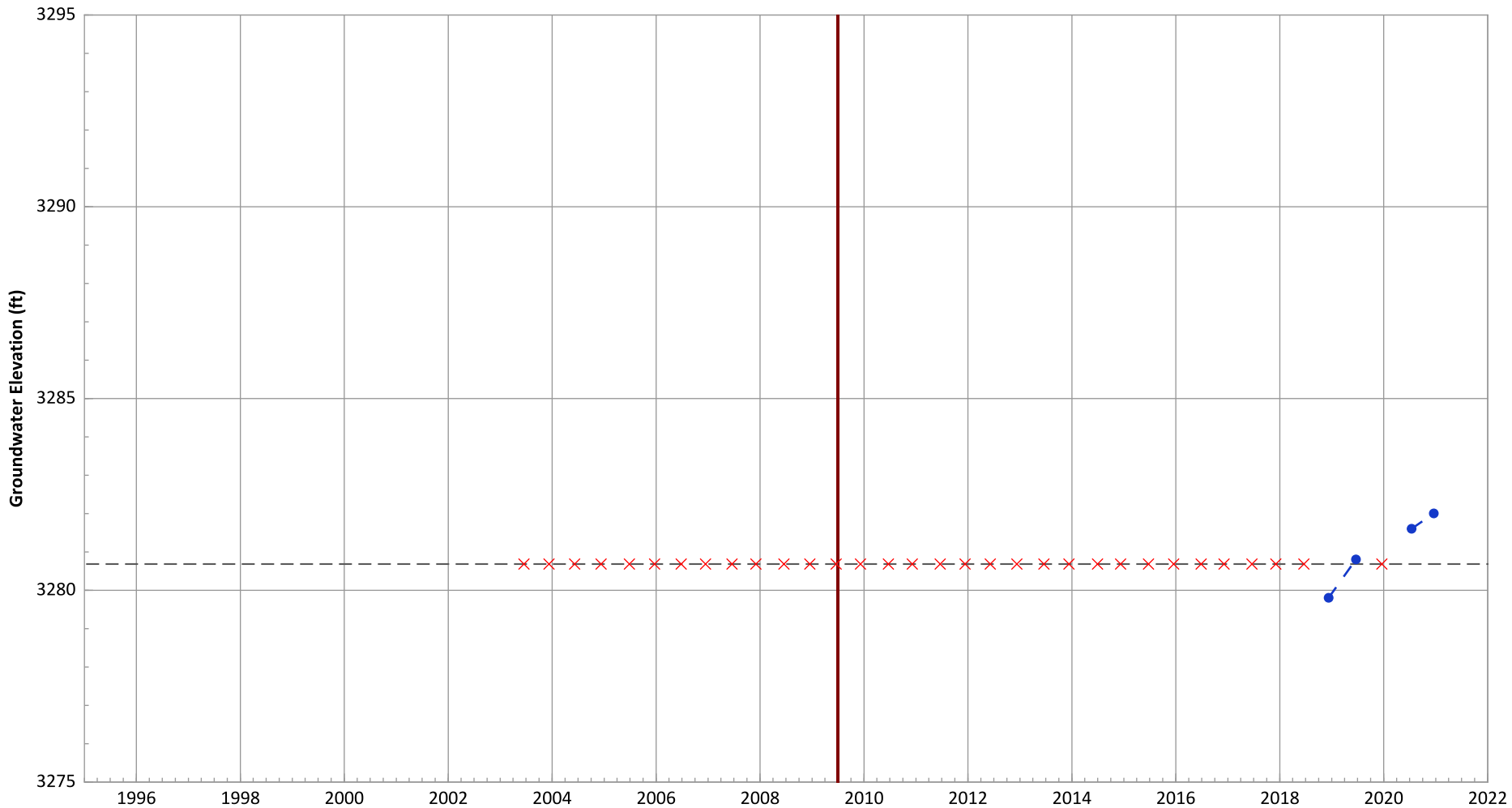
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.18 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.36 ft/yr

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

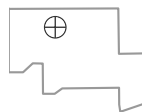


Notes:

1. Top of screen elevation is 3300.68 ft msl.
 2. The bottom of screen elevation is 3280.68 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

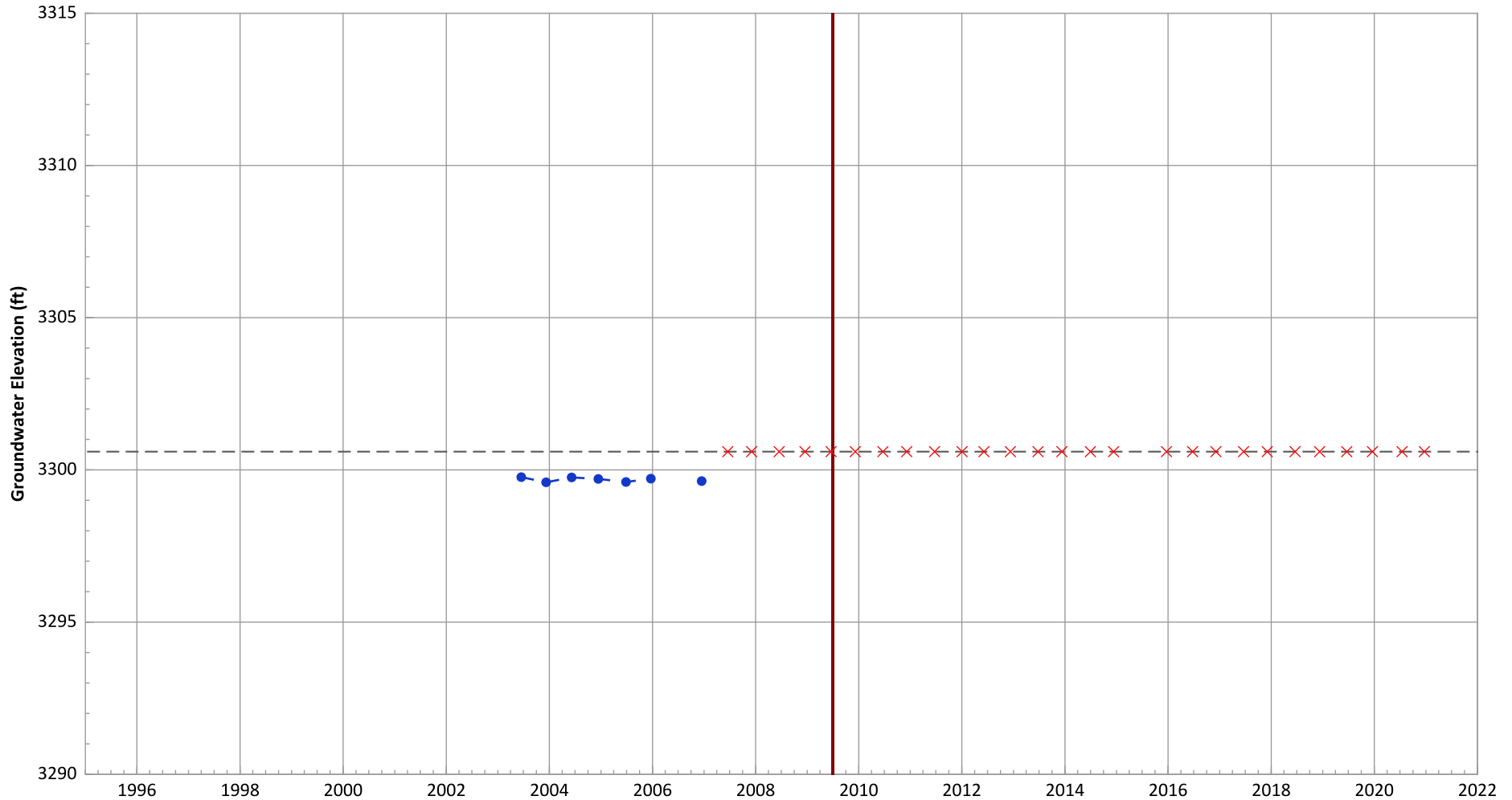
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.79 ft/yr
 Data (7/2009 - 1/2021): Increasing at 1.02 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

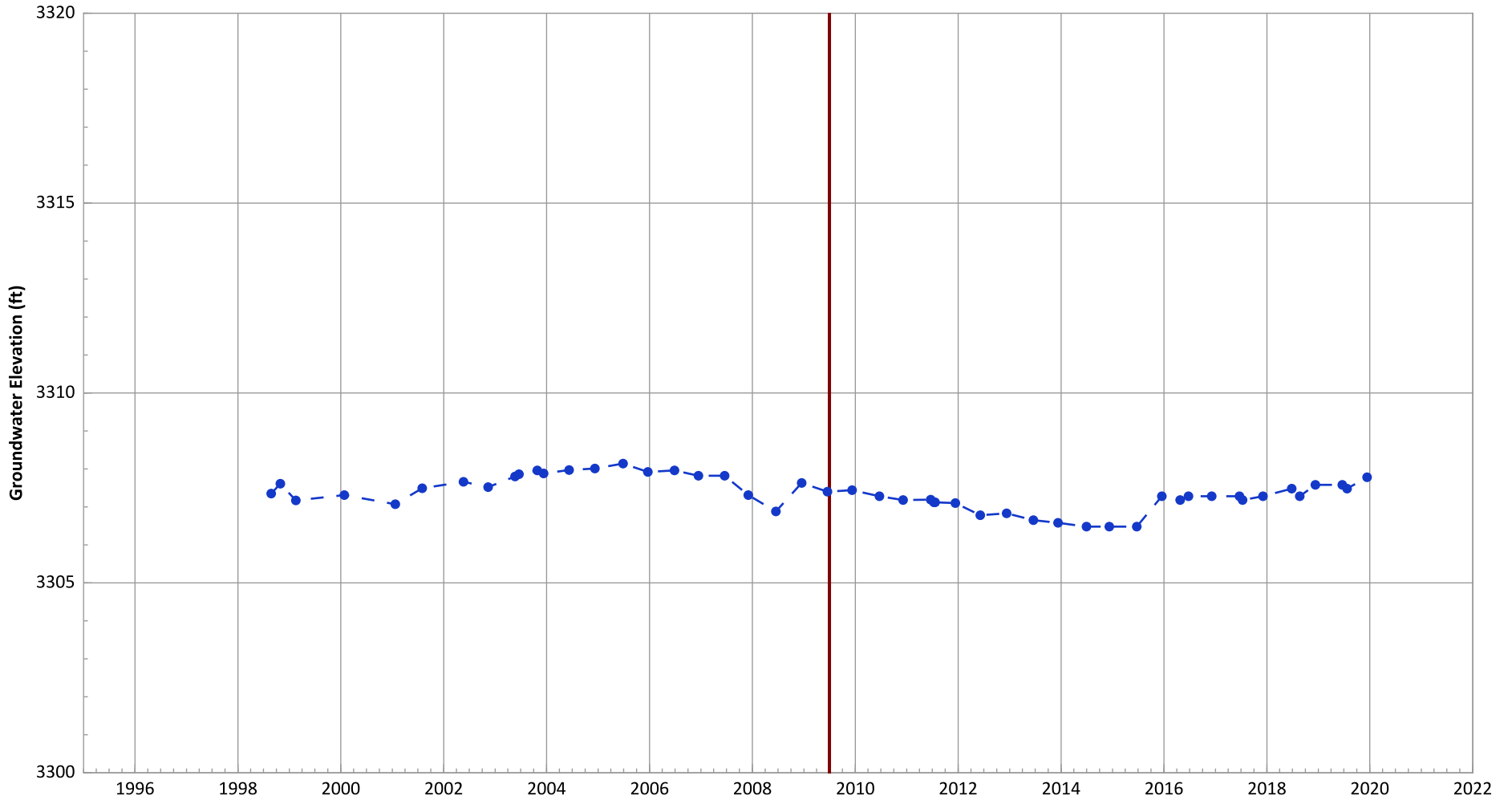
Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



Notes:

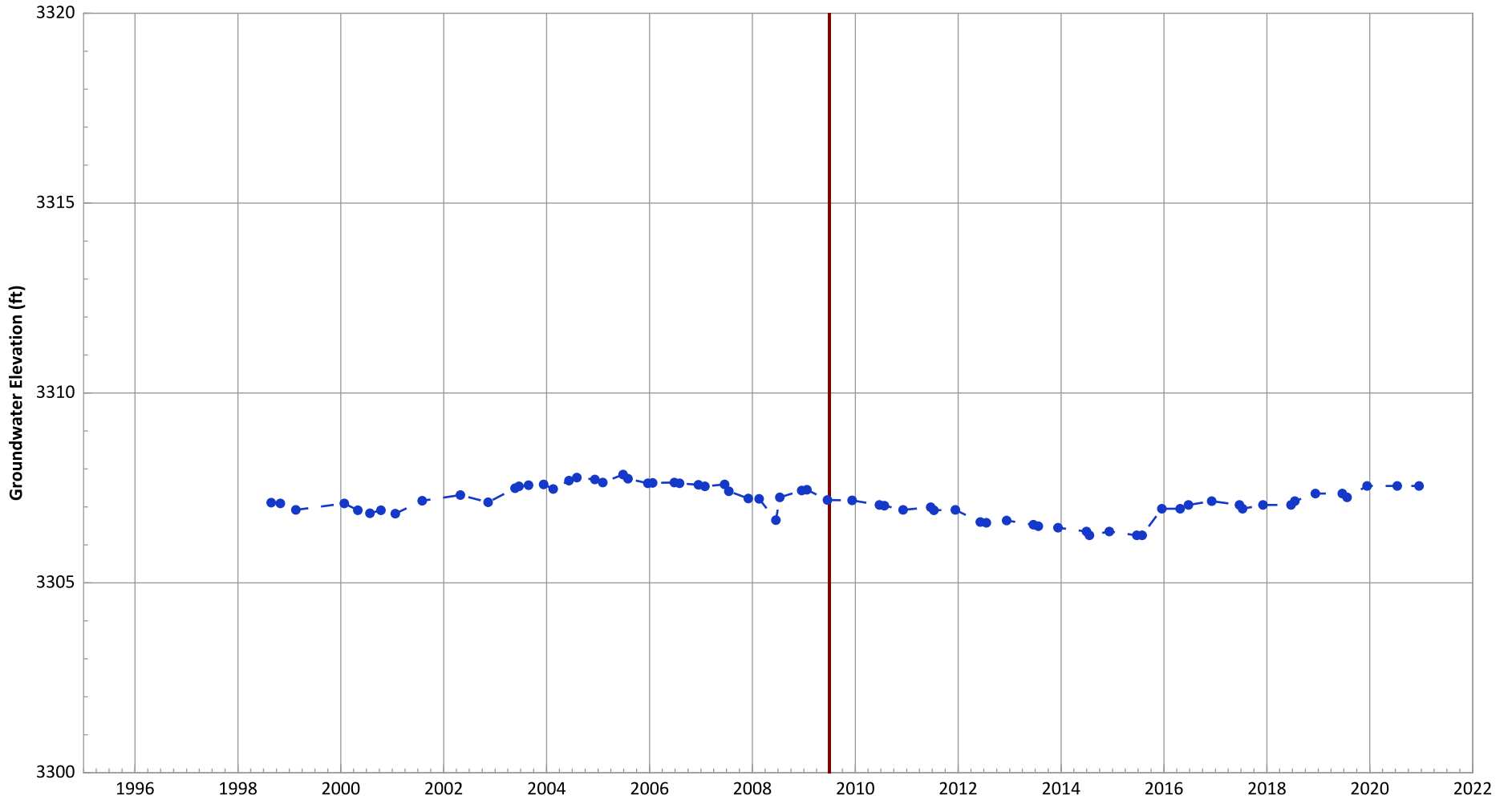
1. Top of screen elevation is 3307.77 ft msl.
 2. The bottom of screen elevation is 3289.07 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.52 ft/yr
 Data (7/2009 - 1/2021): No Trend

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



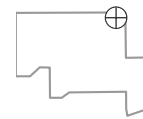
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

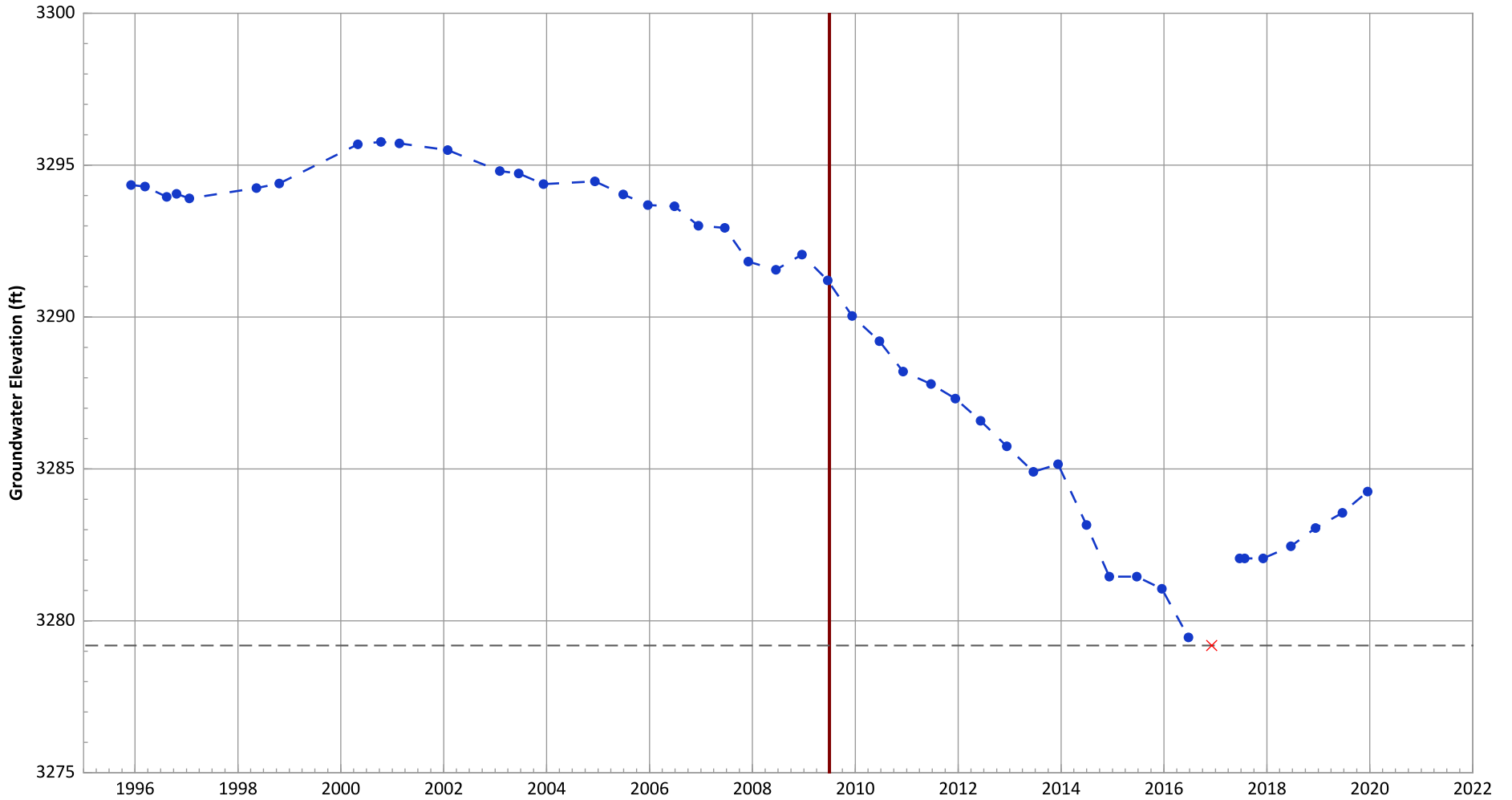
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 1/2021): No Trend

**PTX06-1001A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



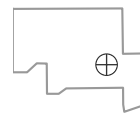
Notes:

1. Top of screen elevation is 3304.19 ft msl.
2. The bottom of screen elevation is 3279.19 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

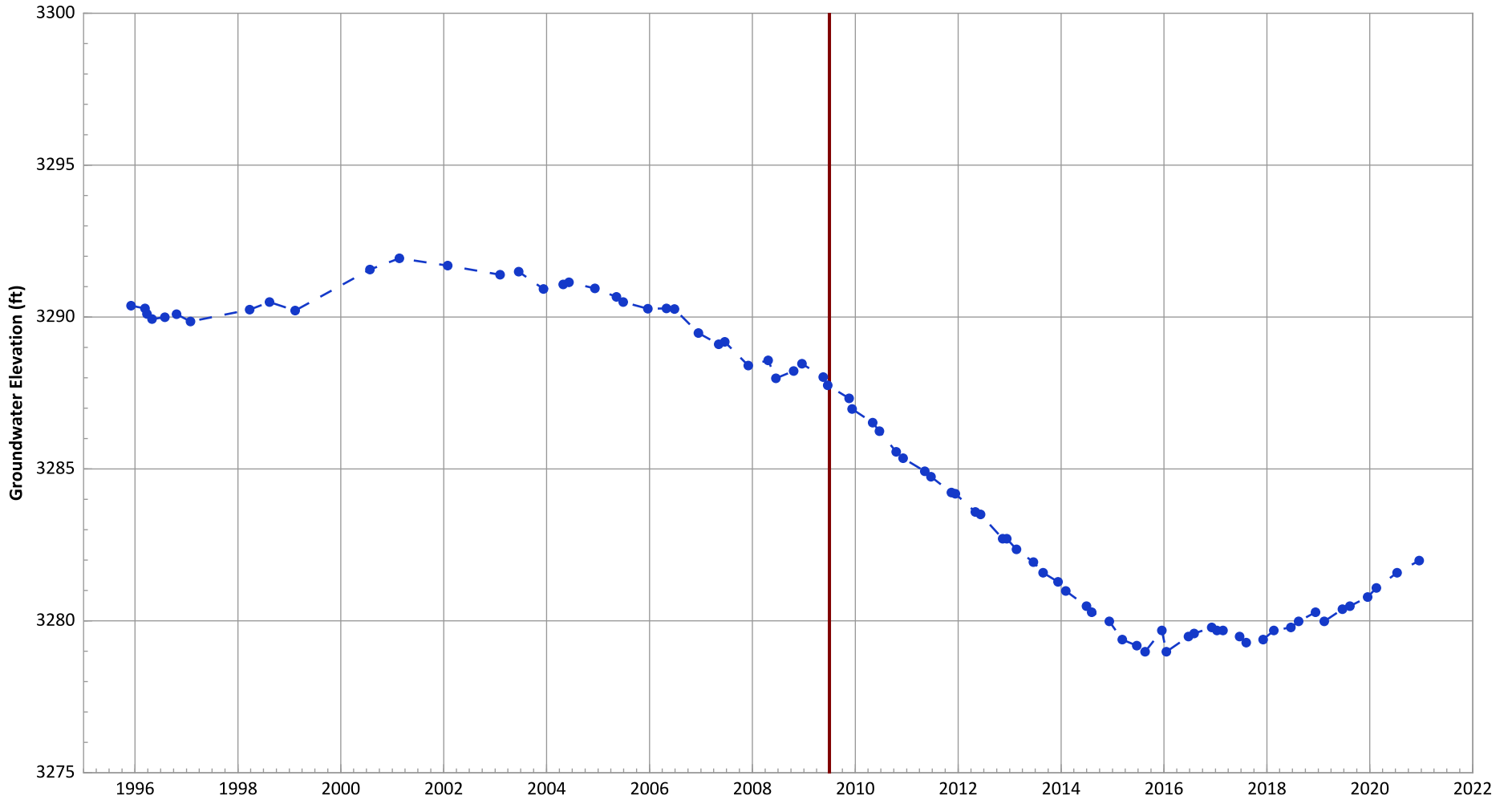
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (<3 Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.73 ft/yr

**PTX06-1002A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



Notes:

1. Top of screen elevation is 3300.17 ft msl.
 2. The bottom of screen elevation is 3270.67 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

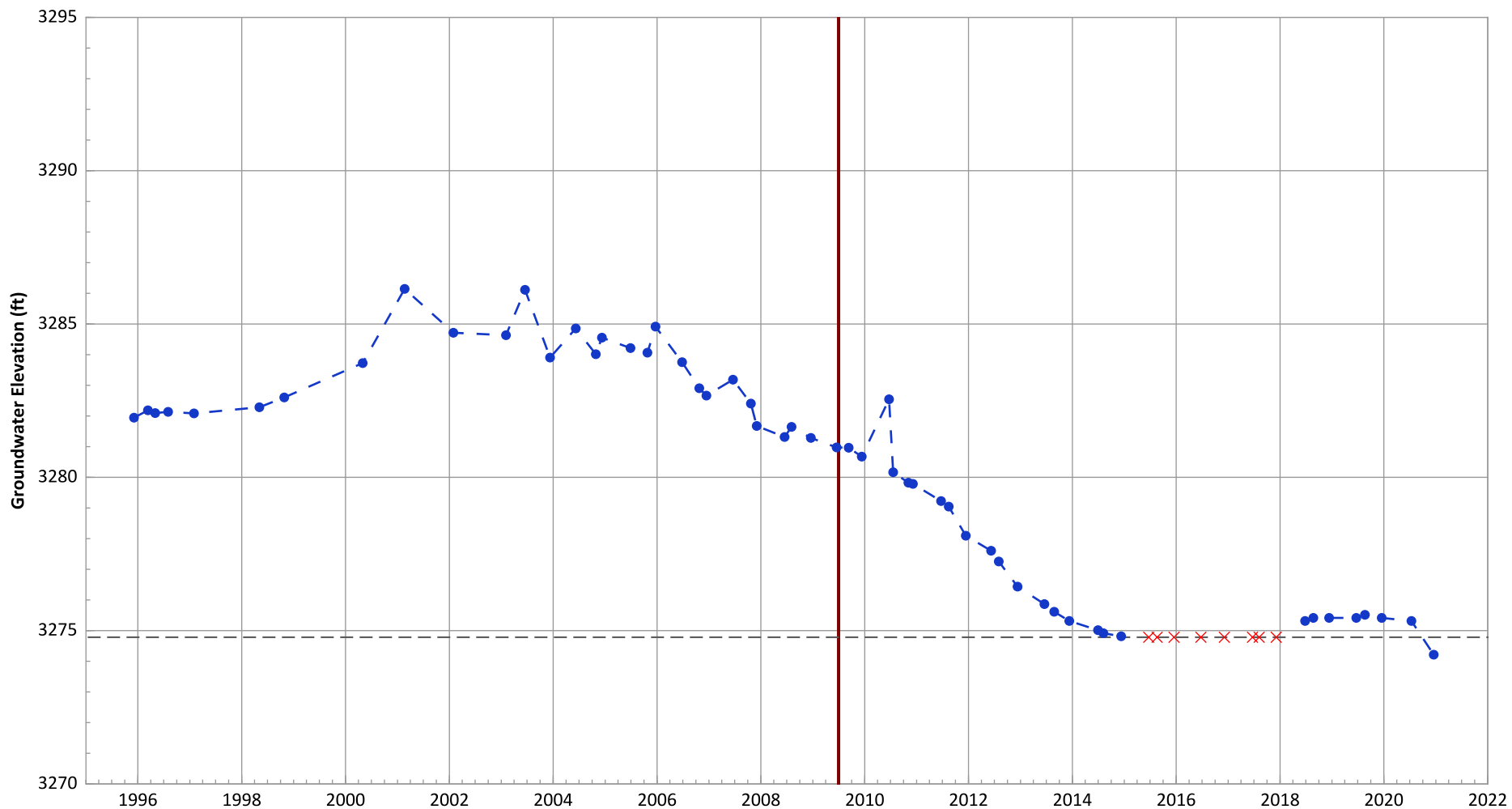
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.1 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.59 ft/yr

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

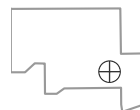


Notes:

1. Top of screen elevation is 3294.78 ft msl.
 2. The bottom of screen elevation is 3274.78 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

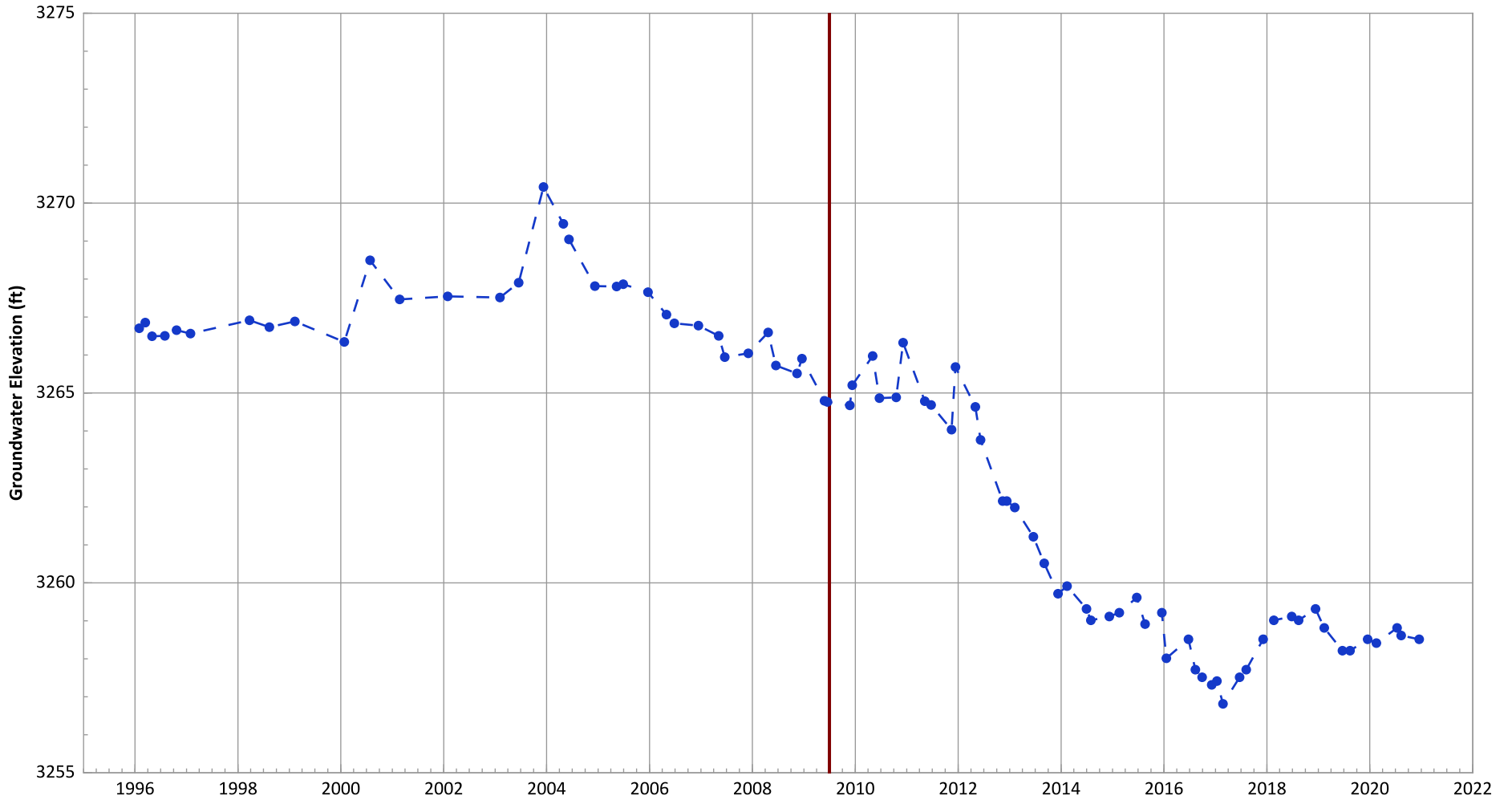
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.71 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.51 ft/yr

**PTX06-1005 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

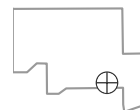


Notes:

1. Top of screen elevation is 3274.81 ft msl.
 2. The bottom of screen elevation is 3244.81 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

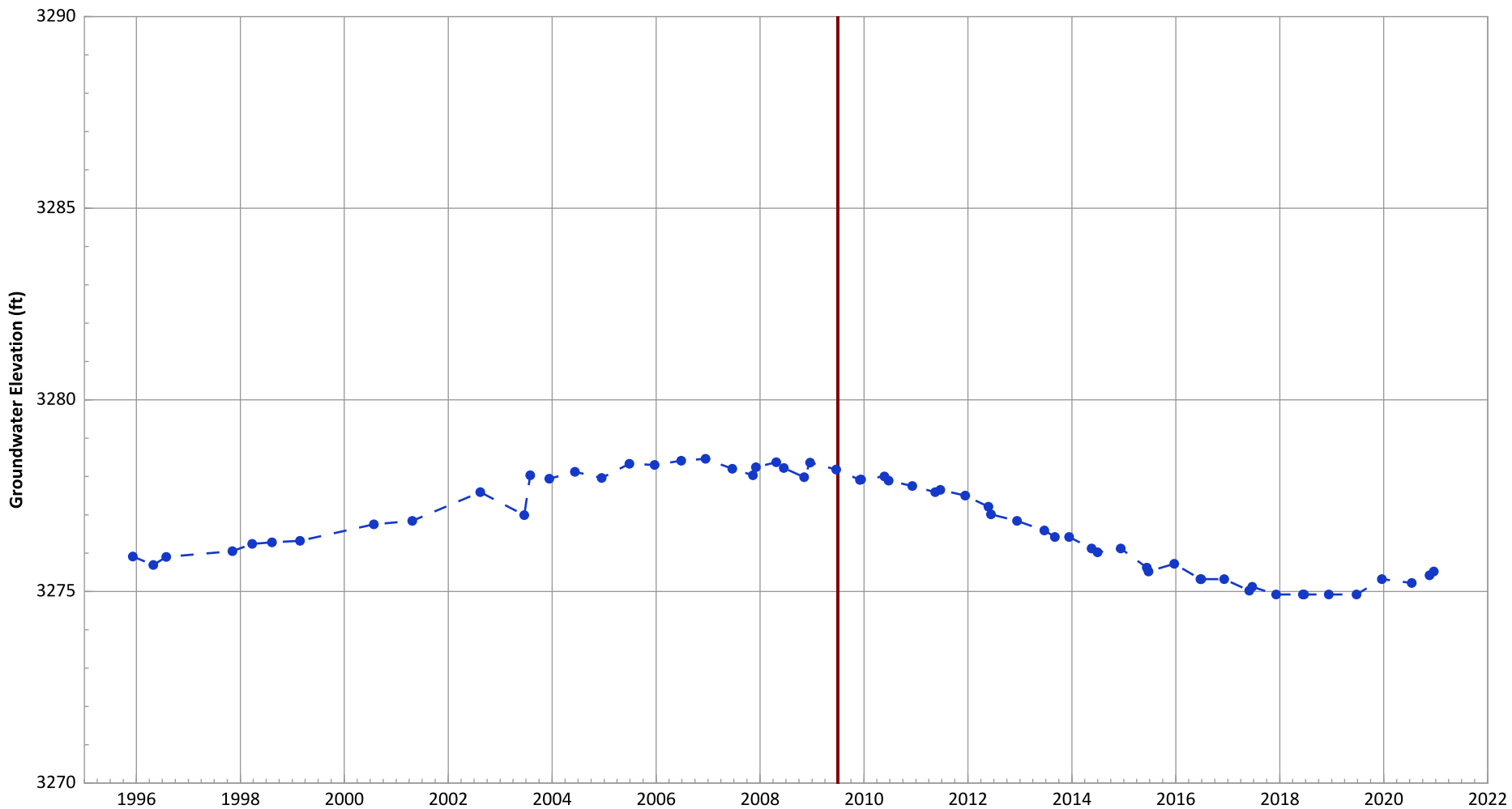
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.75 ft/yr

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

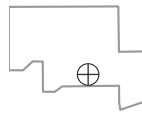


Notes:

1. Top of screen elevation is 3282.54 ft msl.
 2. The bottom of screen elevation is 3252.54 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

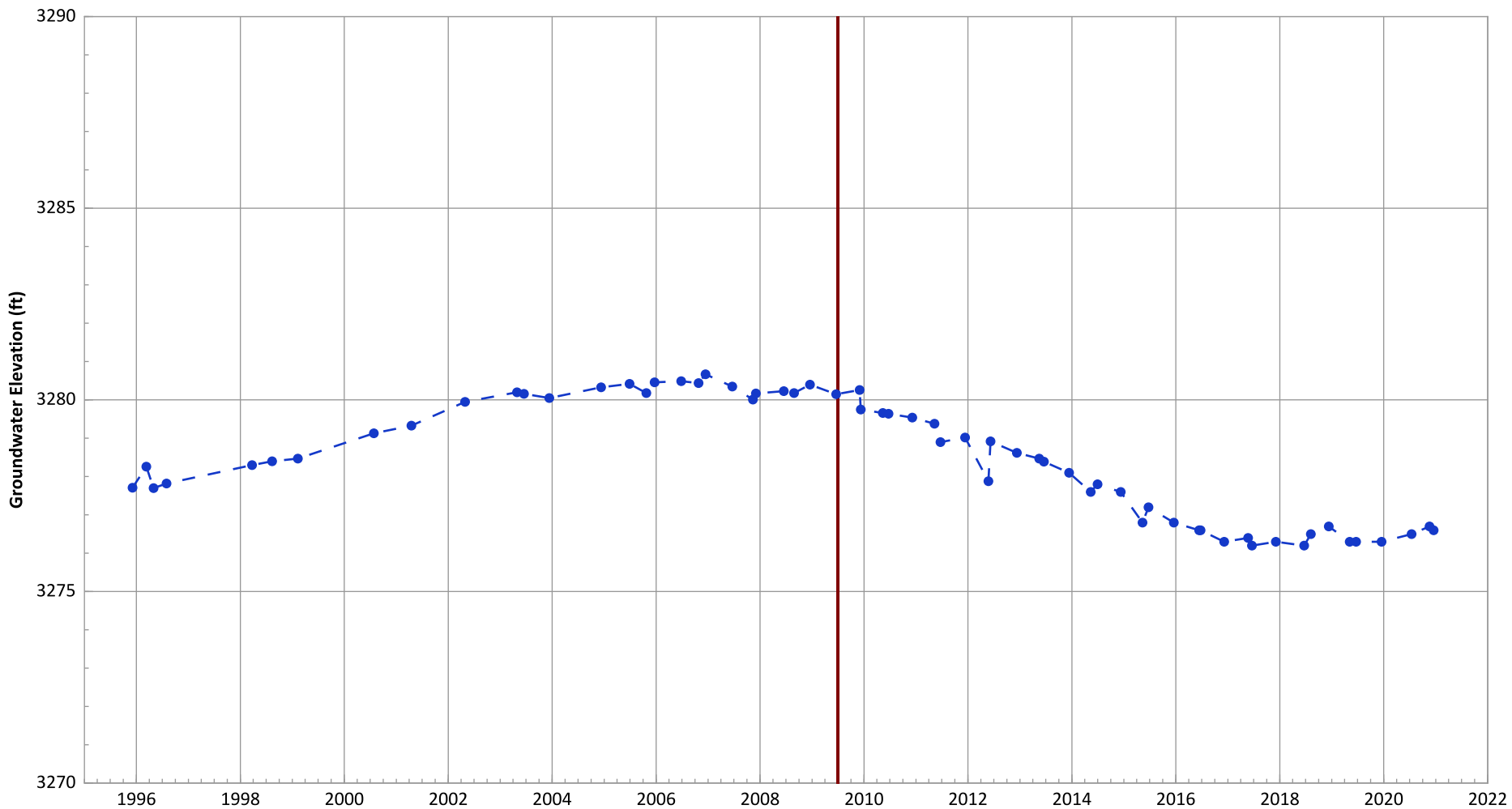
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.32 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.3 ft/yr

**PTX06-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

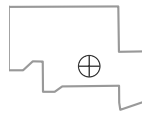


Notes:

1. Top of screen elevation is 3286.53 ft msl.
 2. The bottom of screen elevation is 3256.53 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

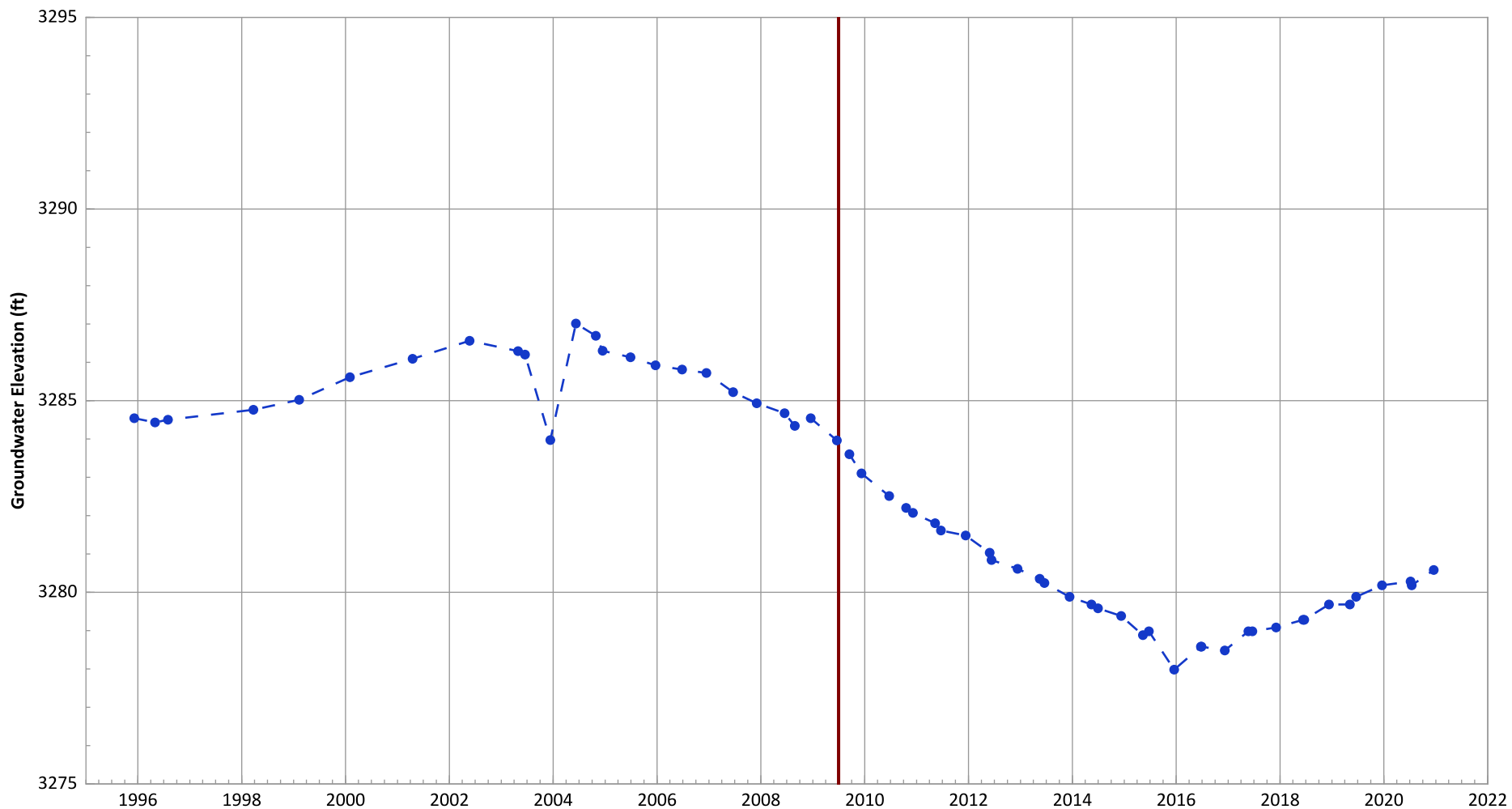
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.23 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.35 ft/yr

**PTX06-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

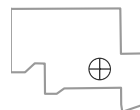


Notes:

1. Top of screen elevation is 3297.61 ft msl.
 2. The bottom of screen elevation is 3272.61 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

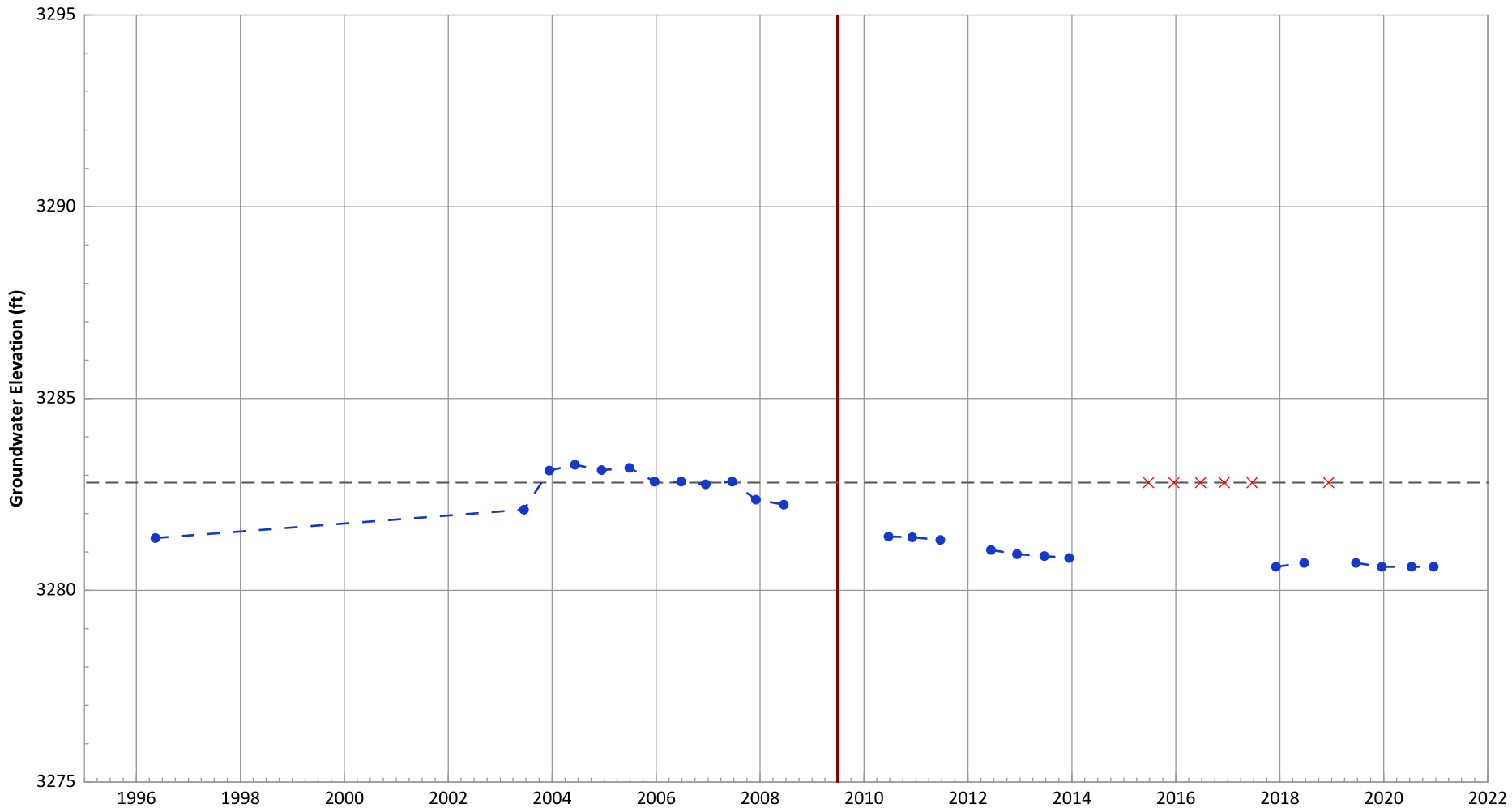
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.46 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.27 ft/yr

**PTX06-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

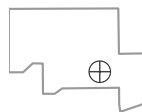


Notes:

1. Top of screen elevation is 3312.81 ft msl.
 2. The bottom of screen elevation is 3282.81 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

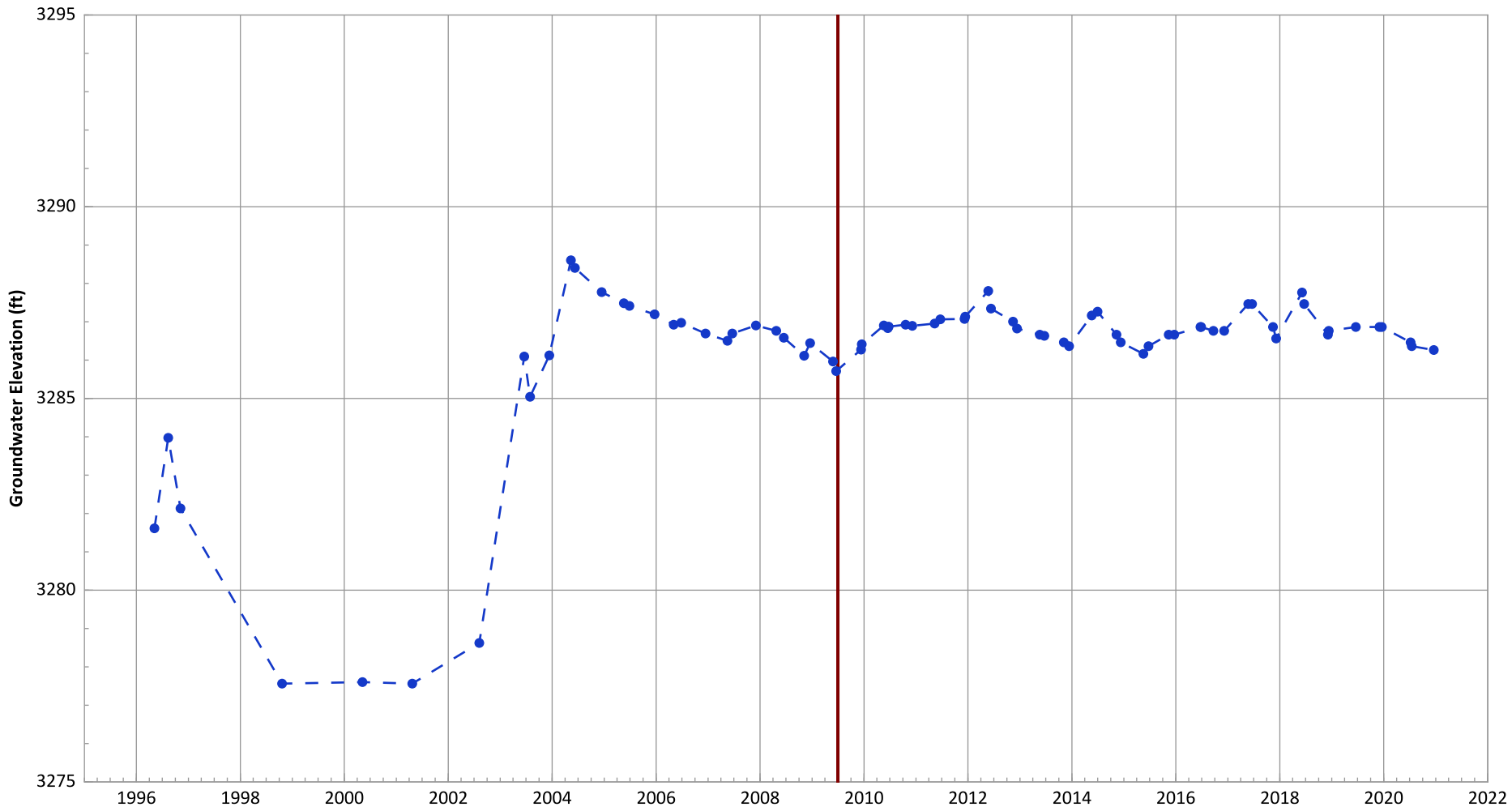
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

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

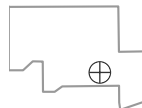


Notes:

1. Top of screen elevation is 3294.04 ft msl.
 2. The bottom of screen elevation is 3264.04 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

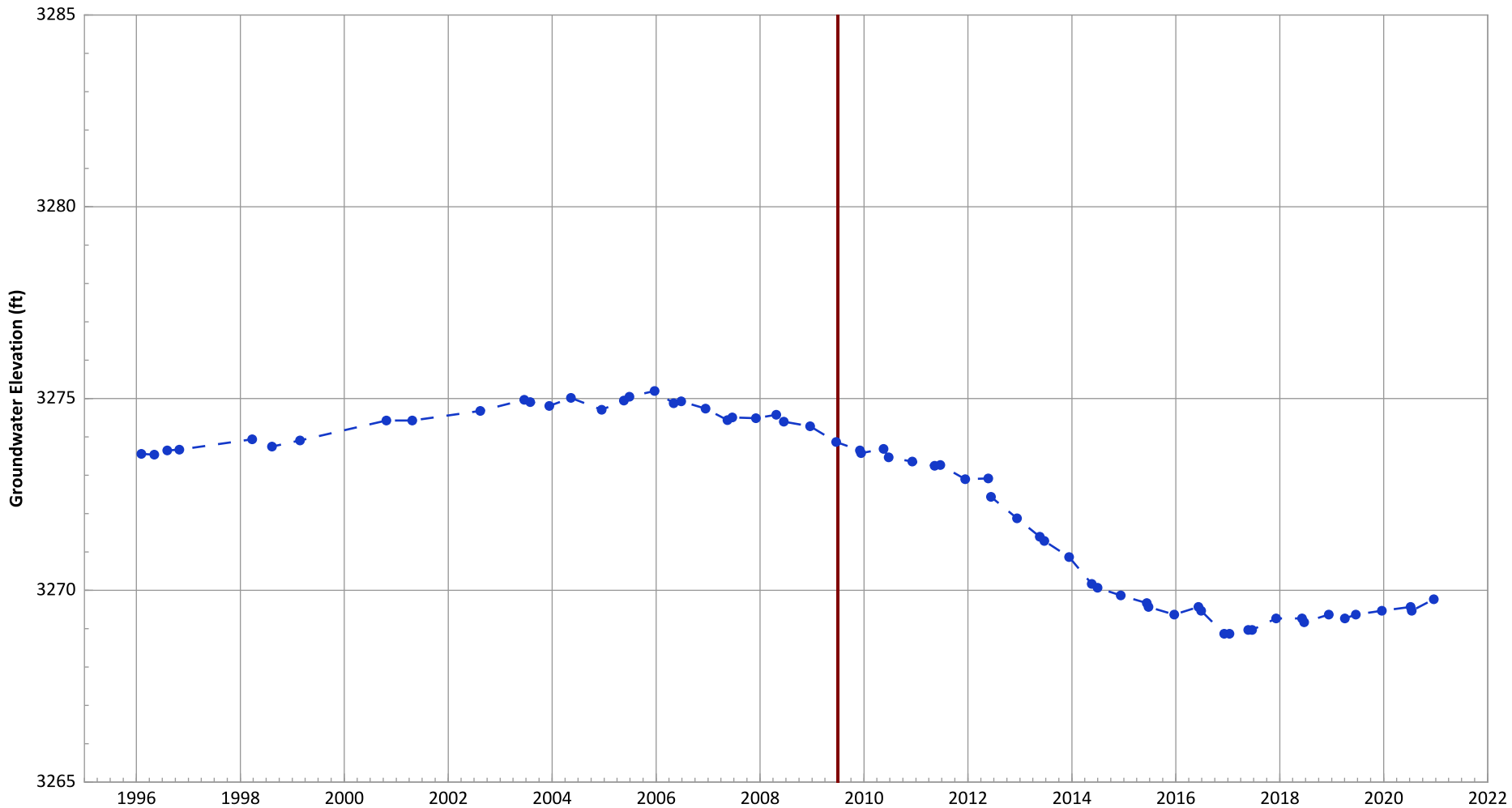
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.48 ft/yr
 Data (7/2009 - 1/2021): No Trend

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

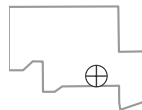


Notes:

1. Top of screen elevation is 3282.59 ft msl.
 2. The bottom of screen elevation is 3252.59 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

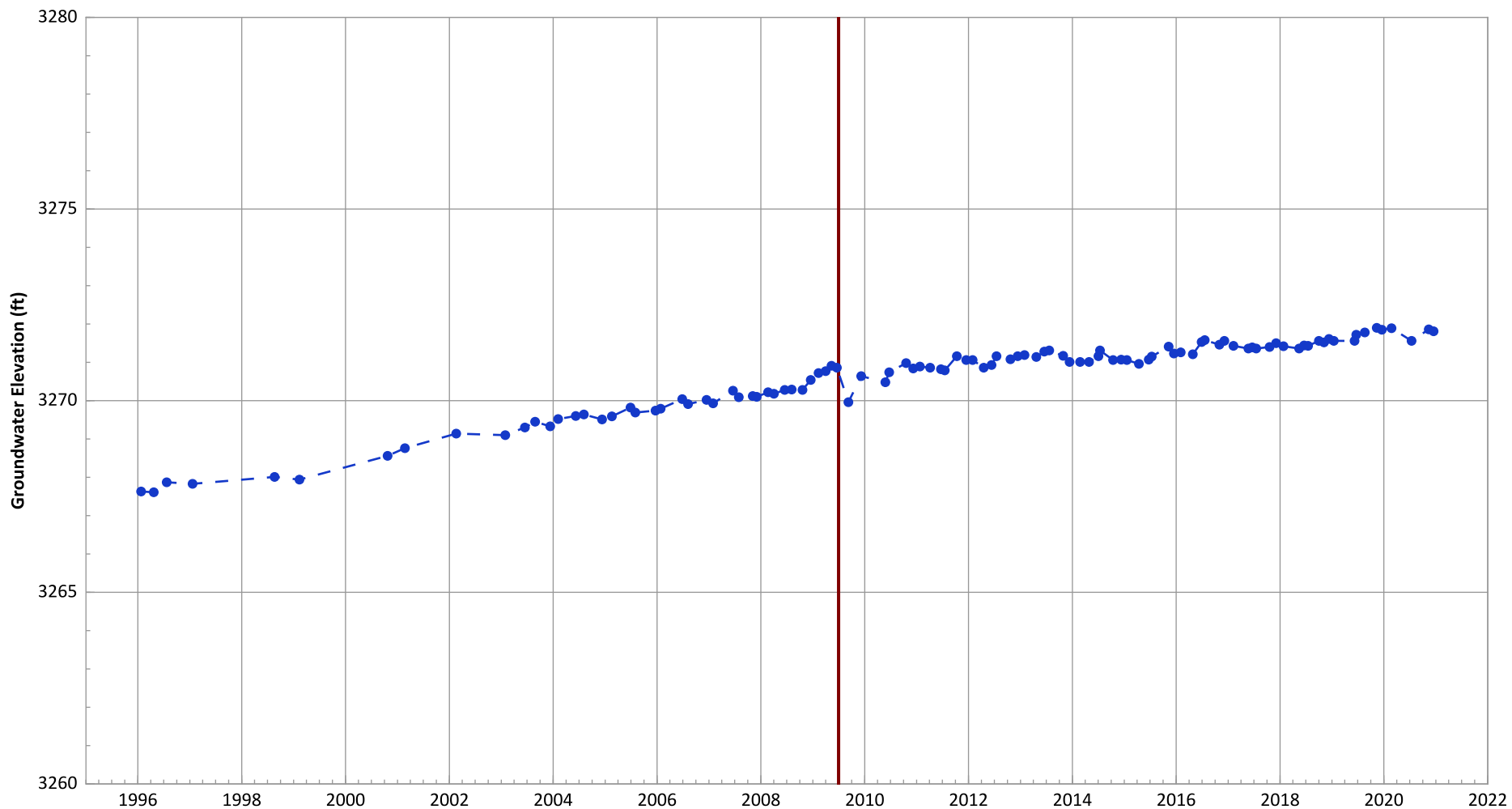
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.24 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.46 ft/yr

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

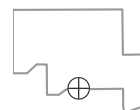


Notes:

1. Top of screen elevation is 3276.19 ft msl.
 2. The bottom of screen elevation is 3256.19 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

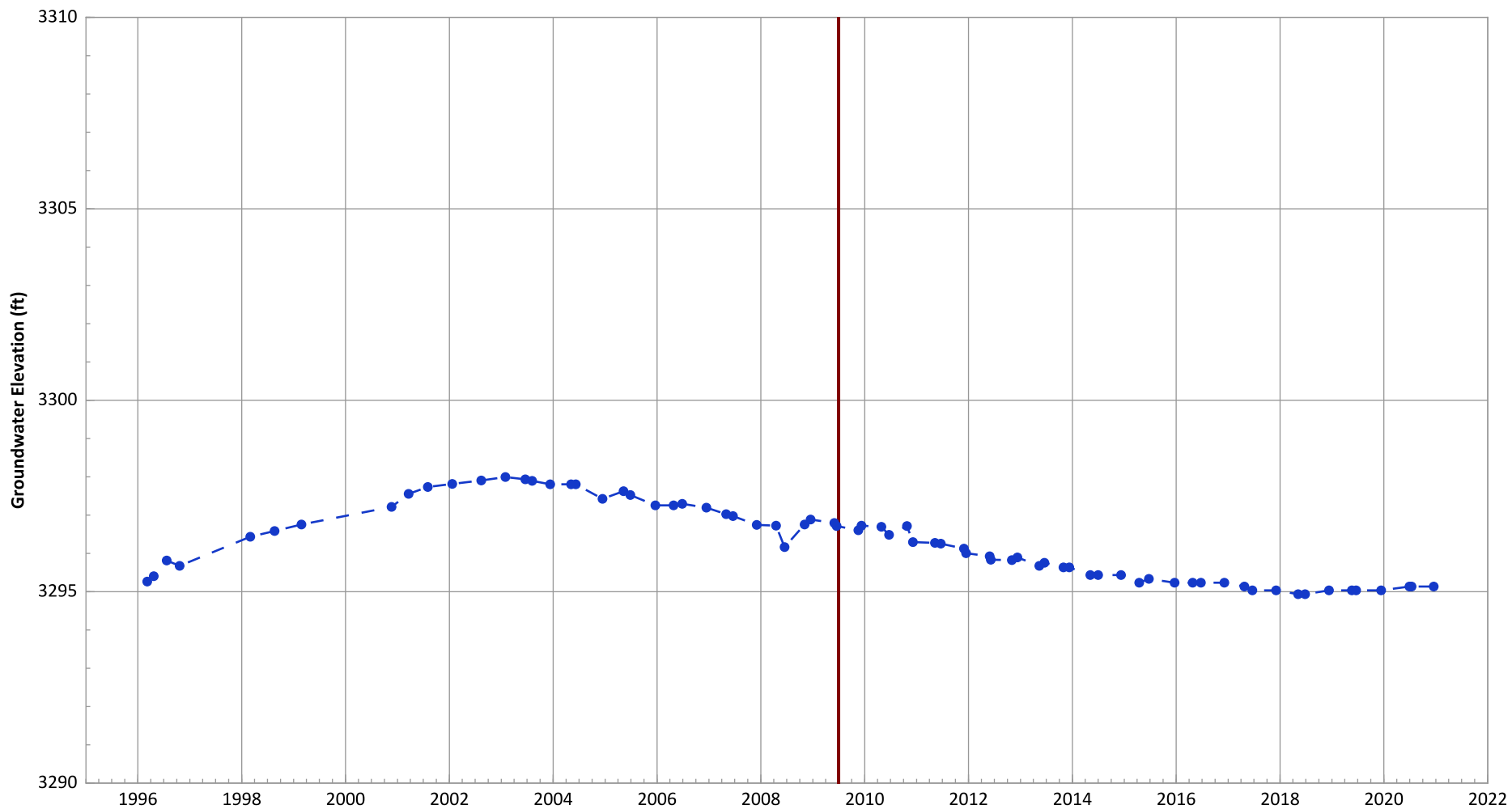
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Increasing at 0.1 ft/yr

**PTX06-1013 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

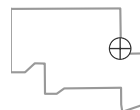


Notes:

1. Top of screen elevation is 3306.24 ft msl.
 2. The bottom of screen elevation is 3286.24 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

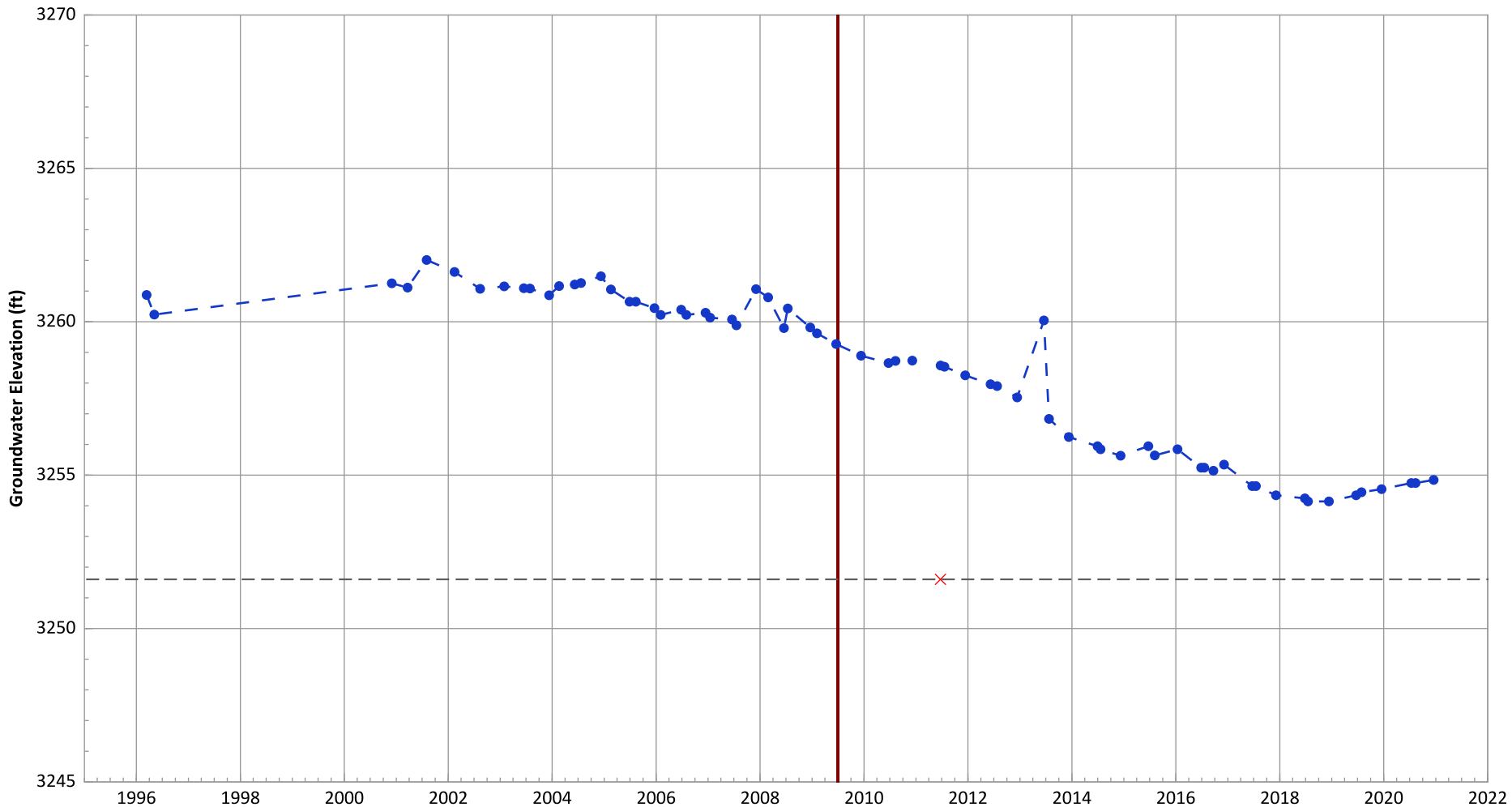
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.15 ft/yr

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

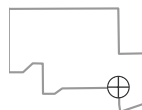


Notes:

1. Top of screen elevation is 3271.6 ft msl.
 2. The bottom of screen elevation is 3251.6 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

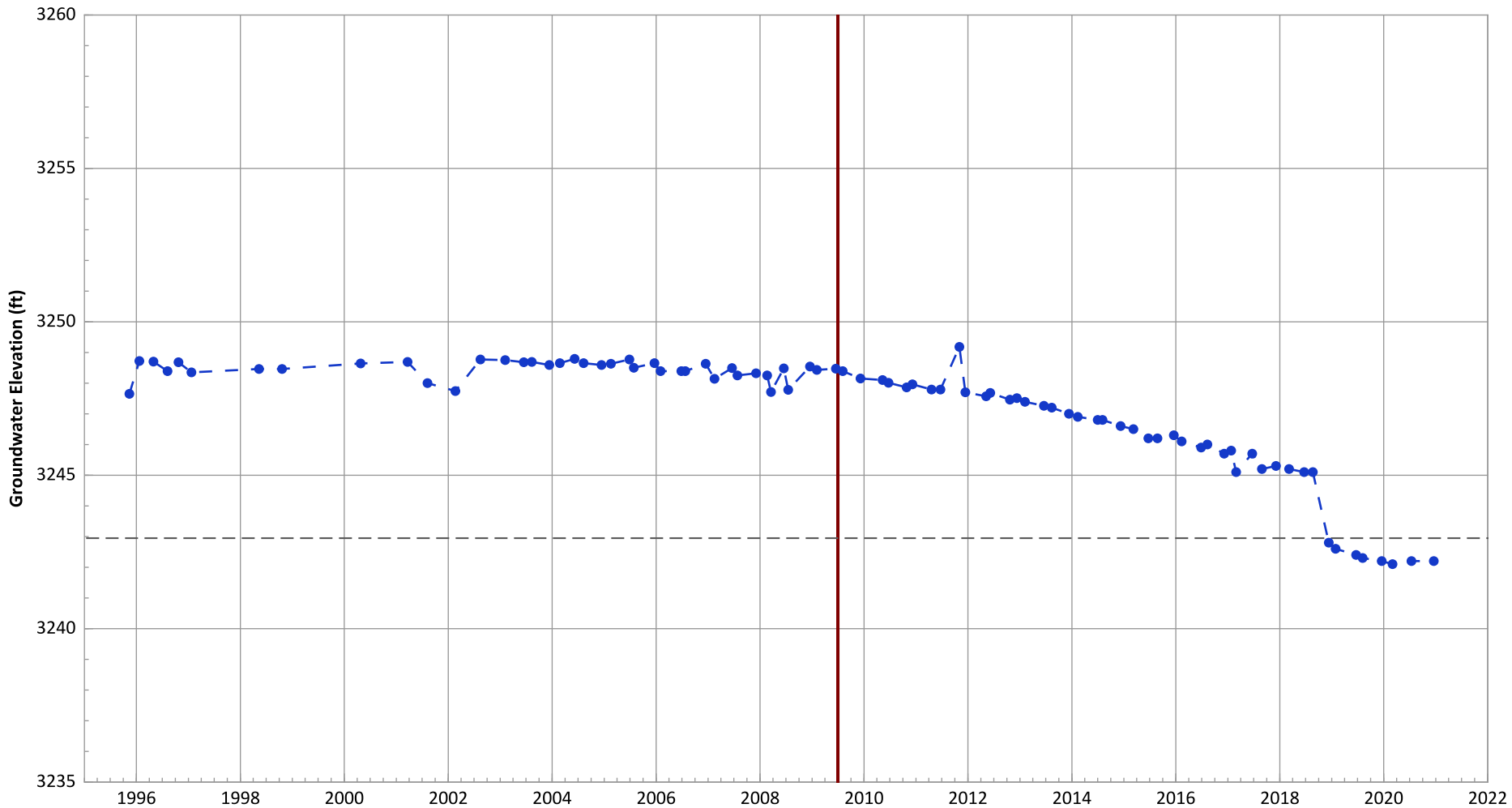
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.32 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.49 ft/yr

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

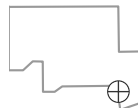


Notes:

1. Top of screen elevation is 3252.95 ft msl.
 2. The bottom of screen elevation is 3242.95 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

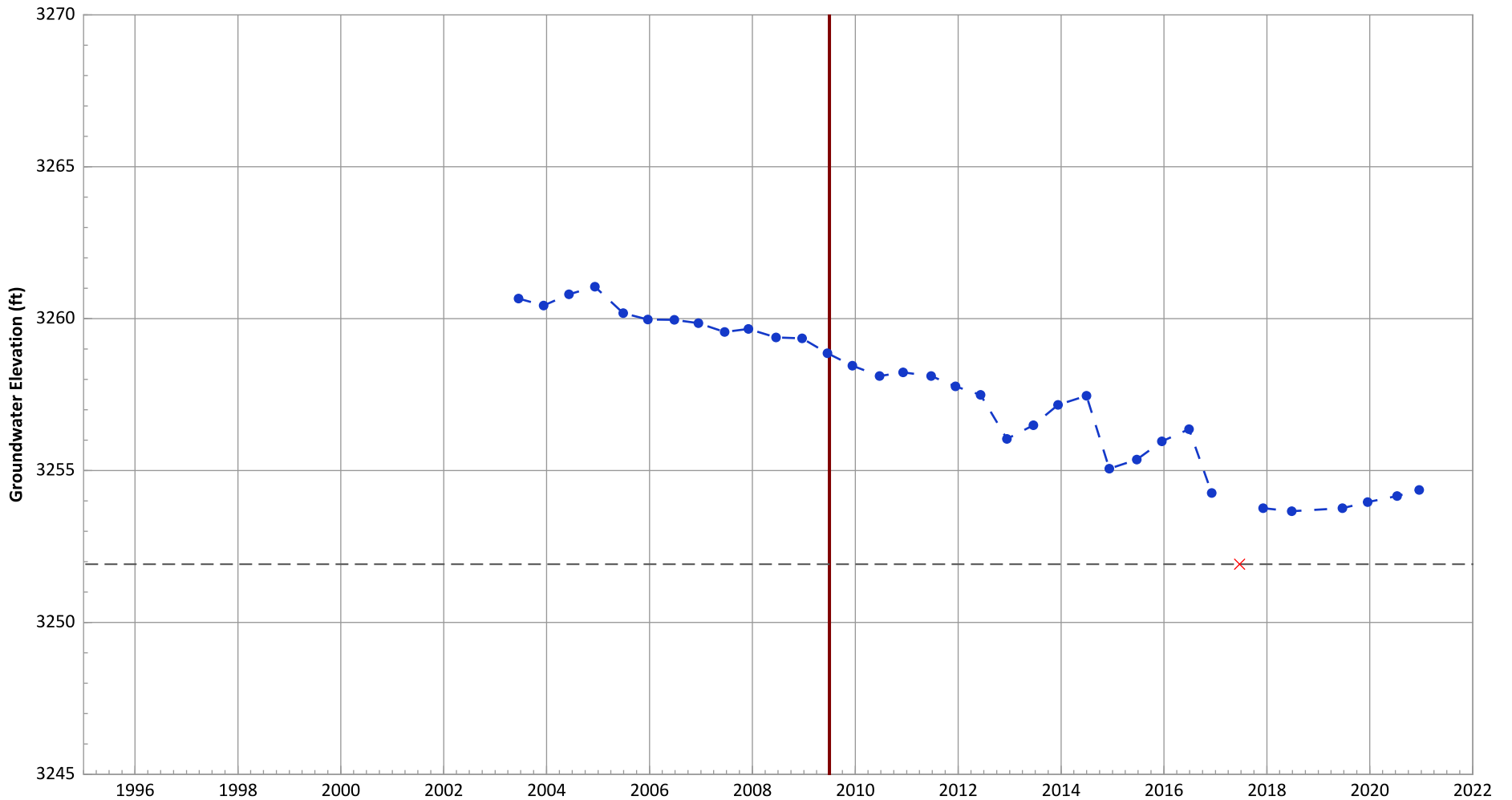
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.2 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.57 ft/yr

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

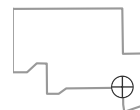


Notes:

1. Top of screen elevation is 3271.92 ft msl.
 2. The bottom of screen elevation is 3251.92 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

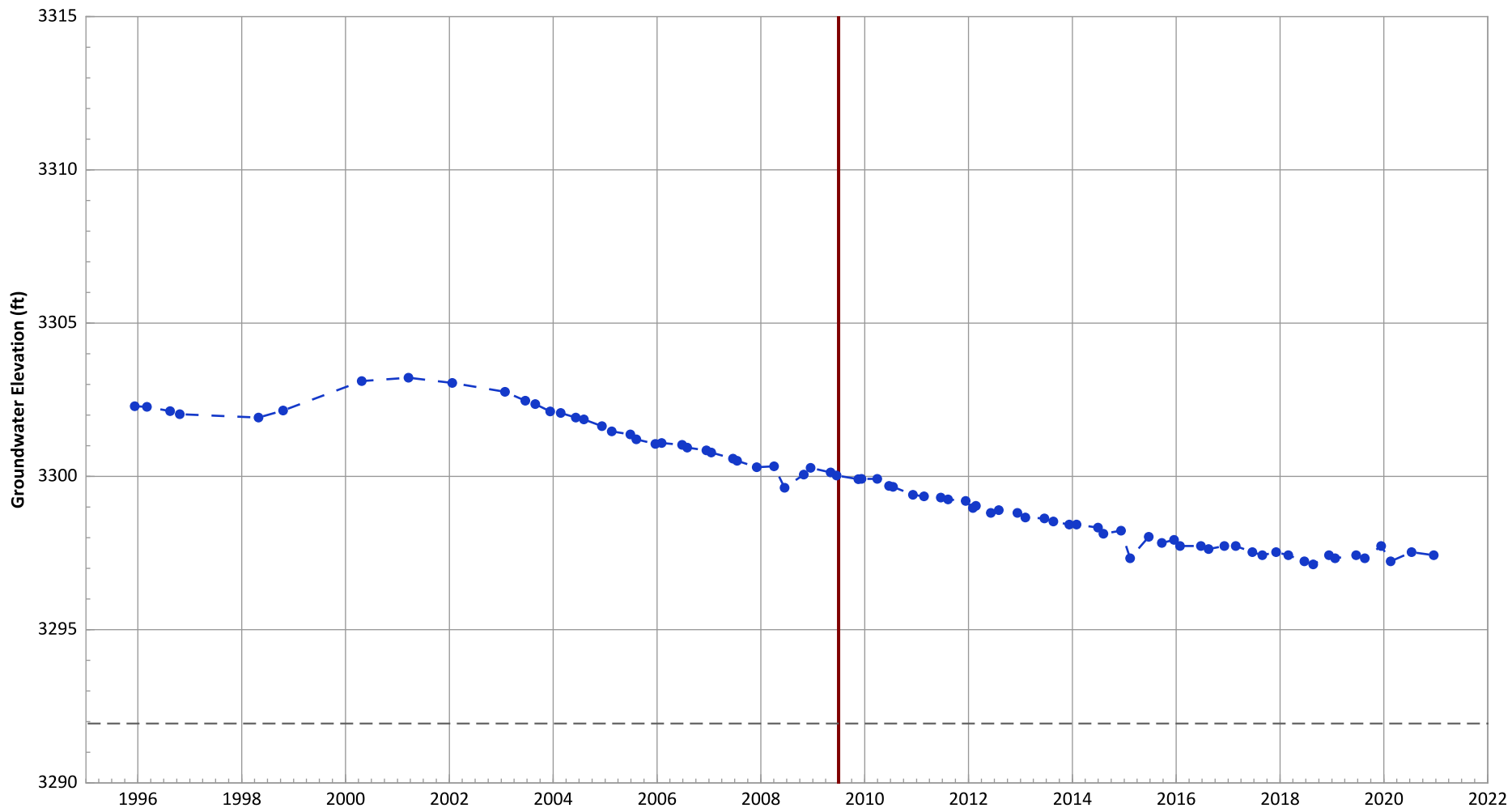
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.39 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.46 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

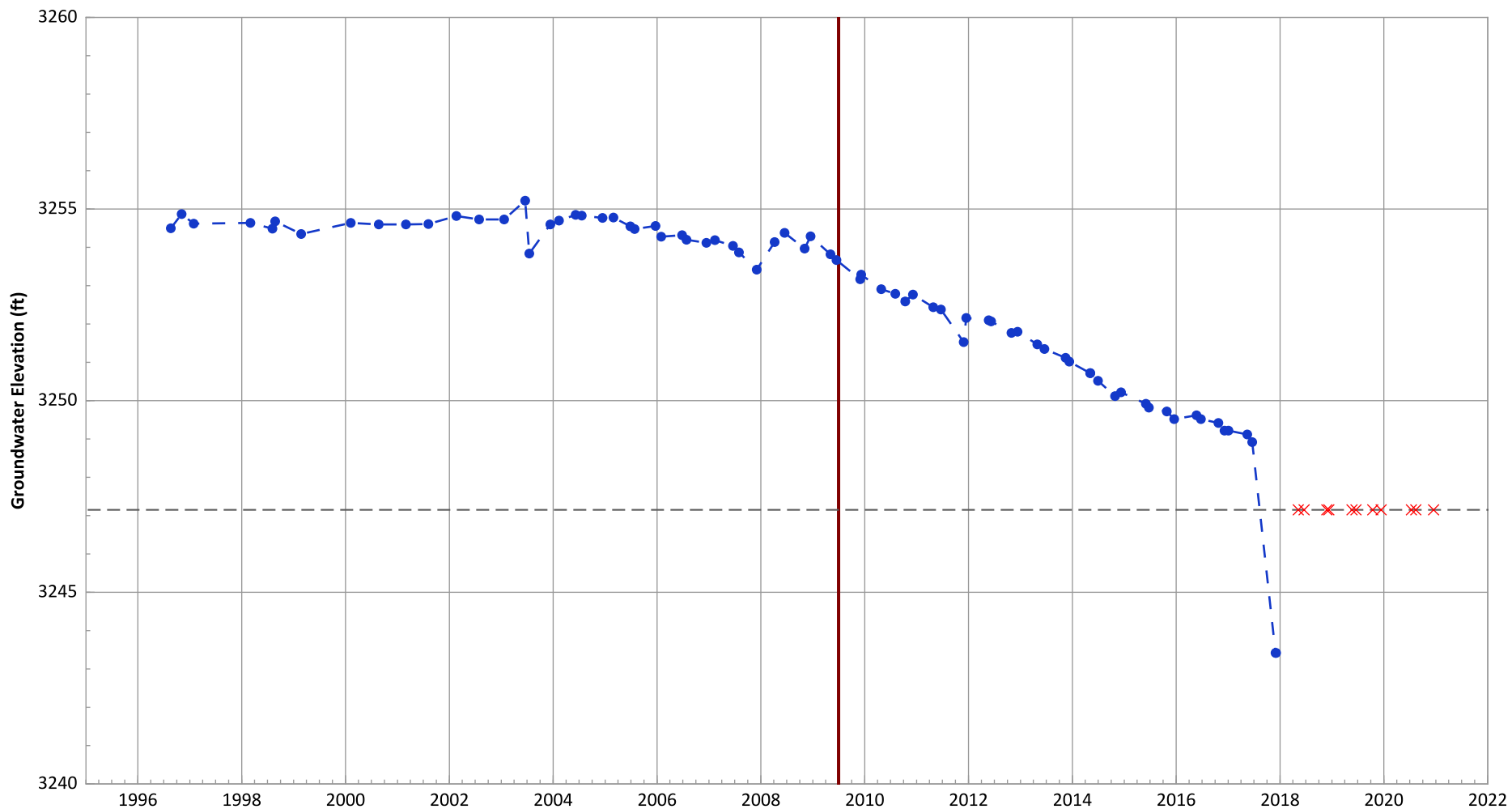
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.25 ft/yr

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

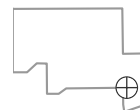


Notes:

1. Top of screen elevation is 3267.15 ft msl.
 2. The bottom of screen elevation is 3247.15 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action

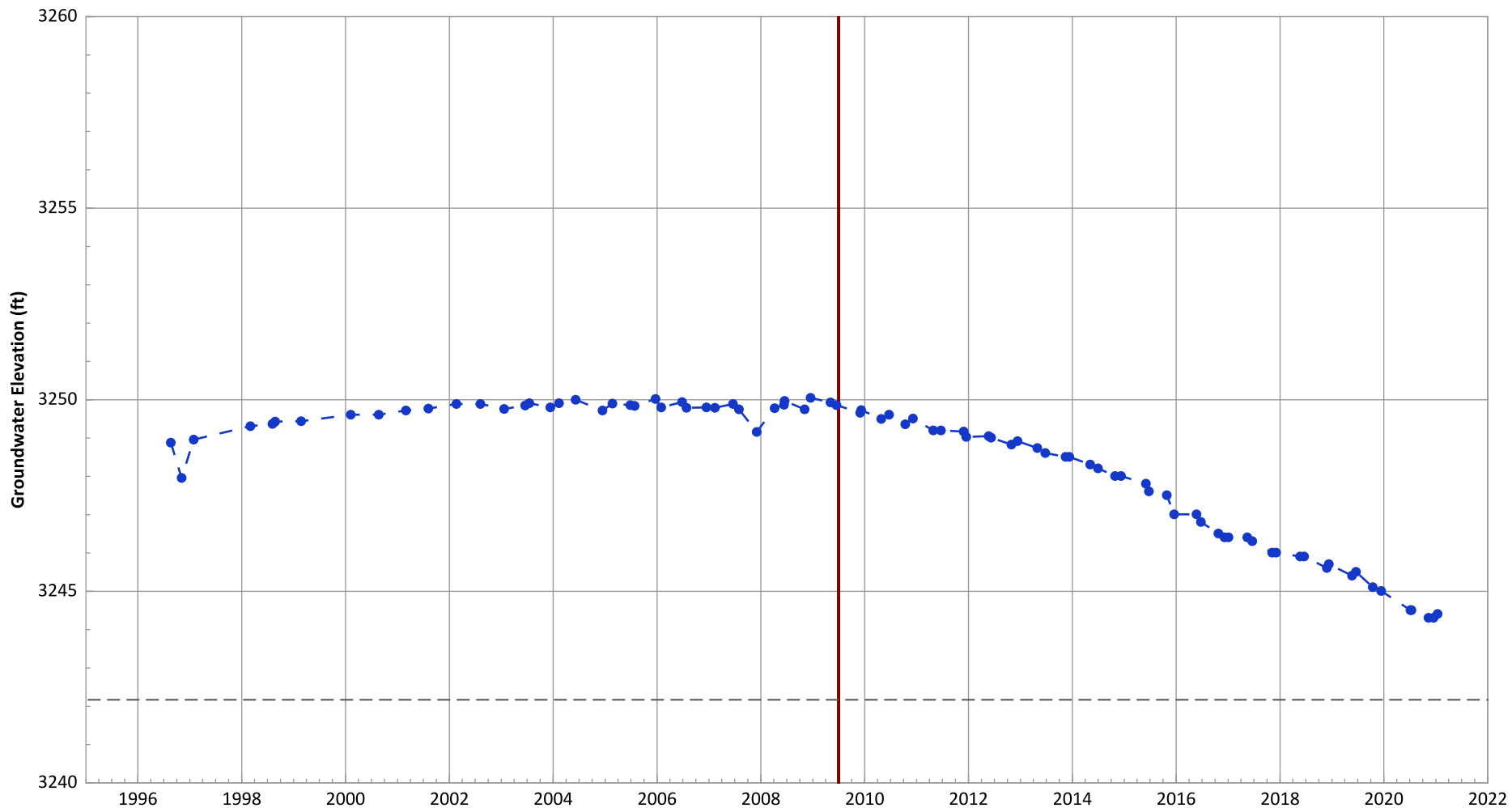
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.77 ft/yr

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

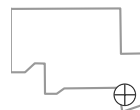


Notes:

1. Top of screen elevation is 3262.17 ft msl.
 2. The bottom of screen elevation is 3242.17 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

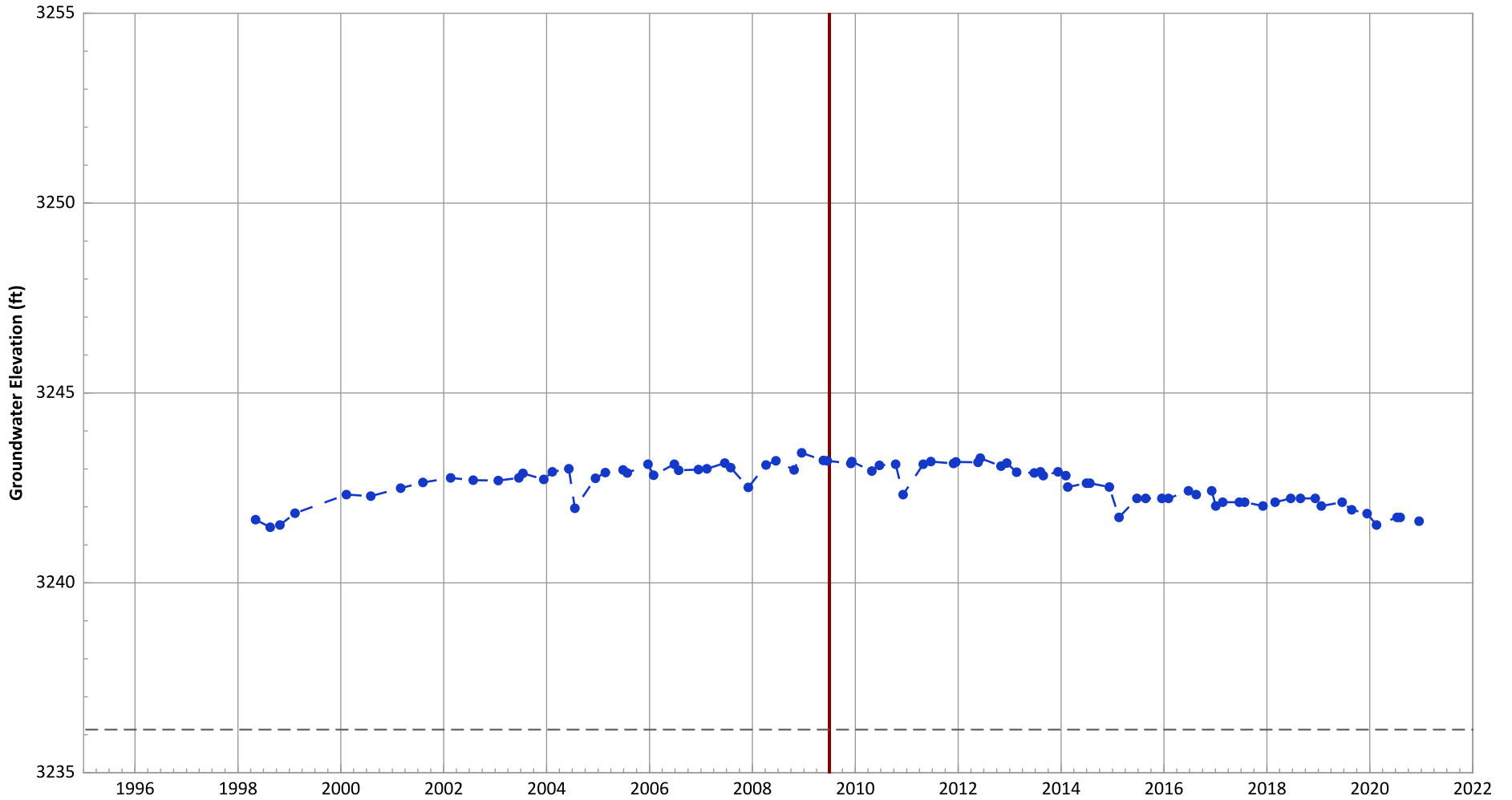
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.73 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.5 ft/yr

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

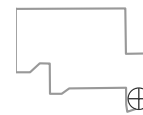


Notes:

1. Top of screen elevation is 3249.84 ft msl.
 2. The bottom of screen elevation is 3236.14 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

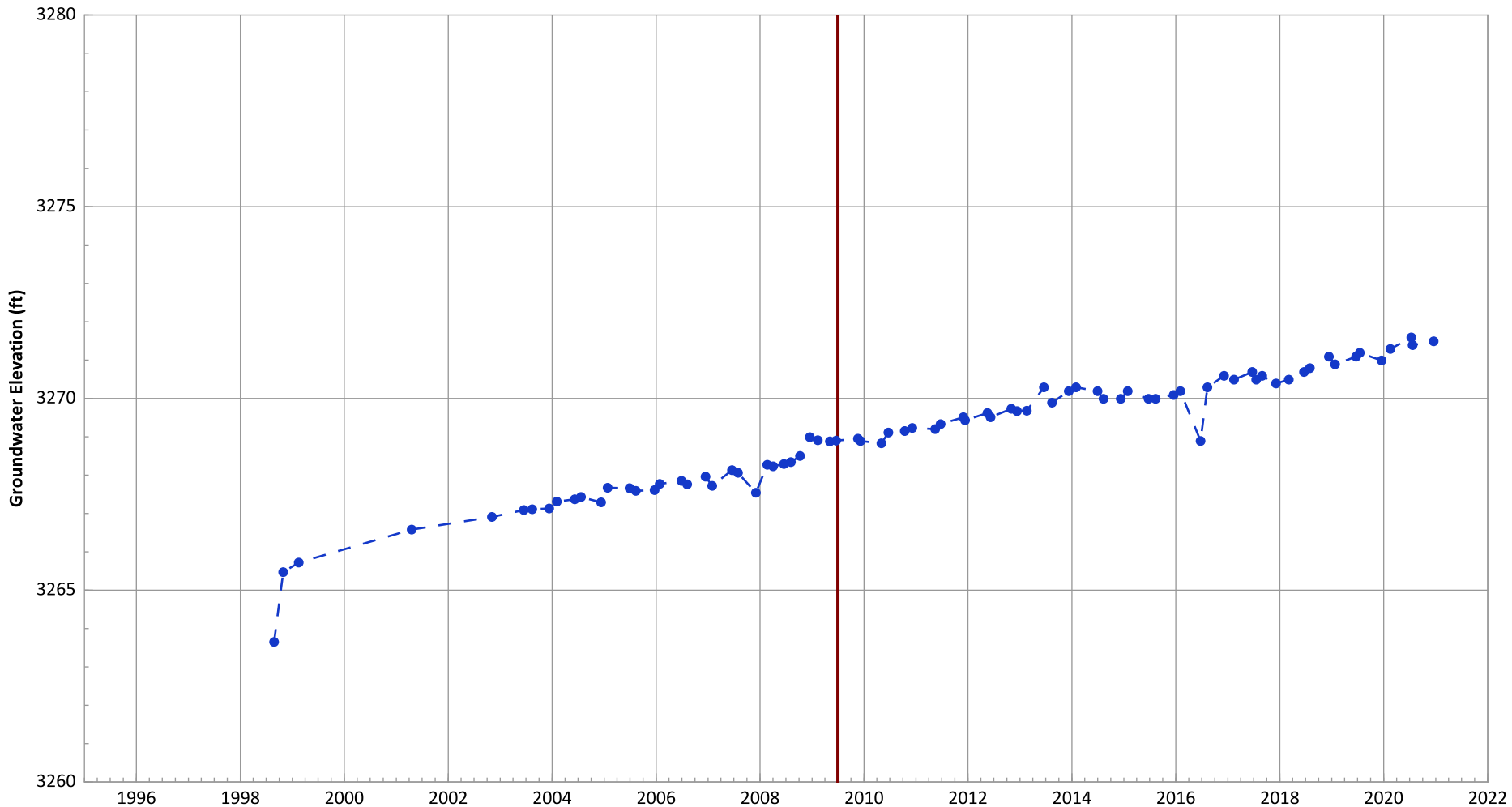
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.25 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.14 ft/yr

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

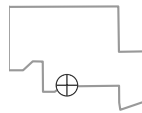


Notes:

1. Top of screen elevation is 3269.88 ft msl.
 2. The bottom of screen elevation is 3256.18 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

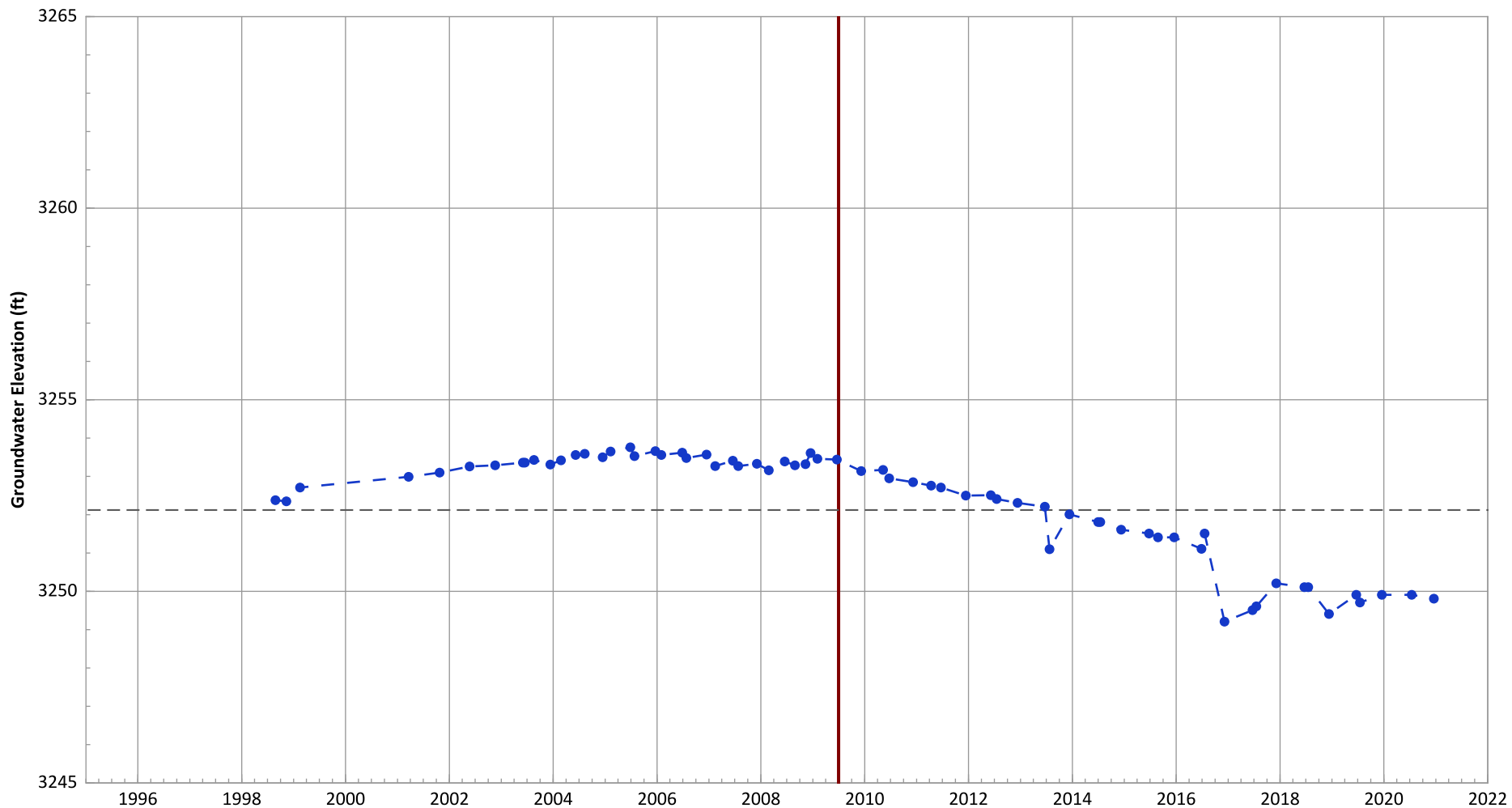
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.33 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.21 ft/yr

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

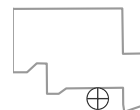


Notes:

1. Top of screen elevation is 3265.72 ft msl.
 2. The bottom of screen elevation is 3252.12 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

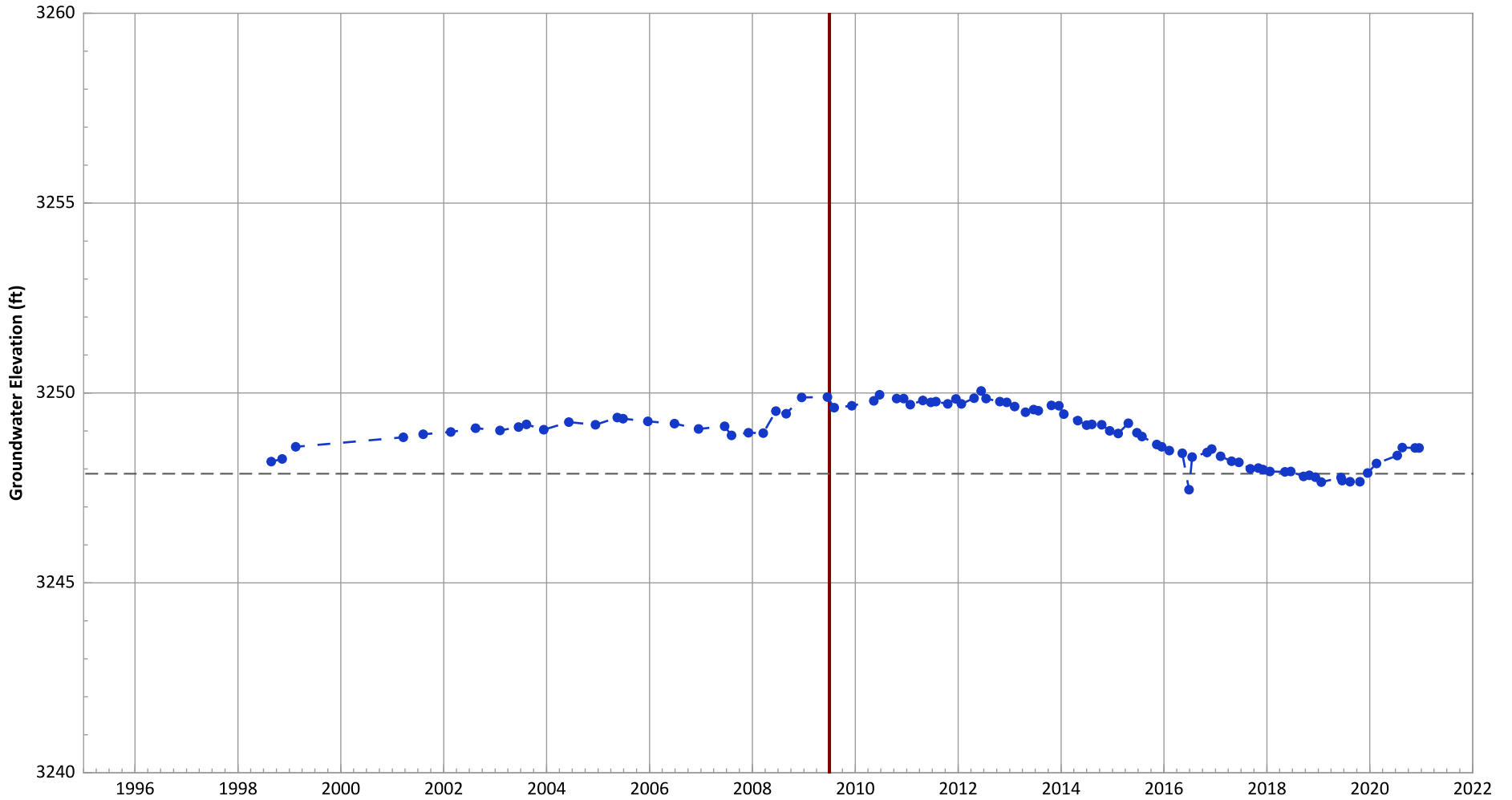
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.36 ft/yr

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

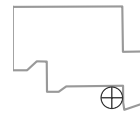


Notes:

1. Top of screen elevation is 3261.47 ft msl.
 2. The bottom of screen elevation is 3247.87 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

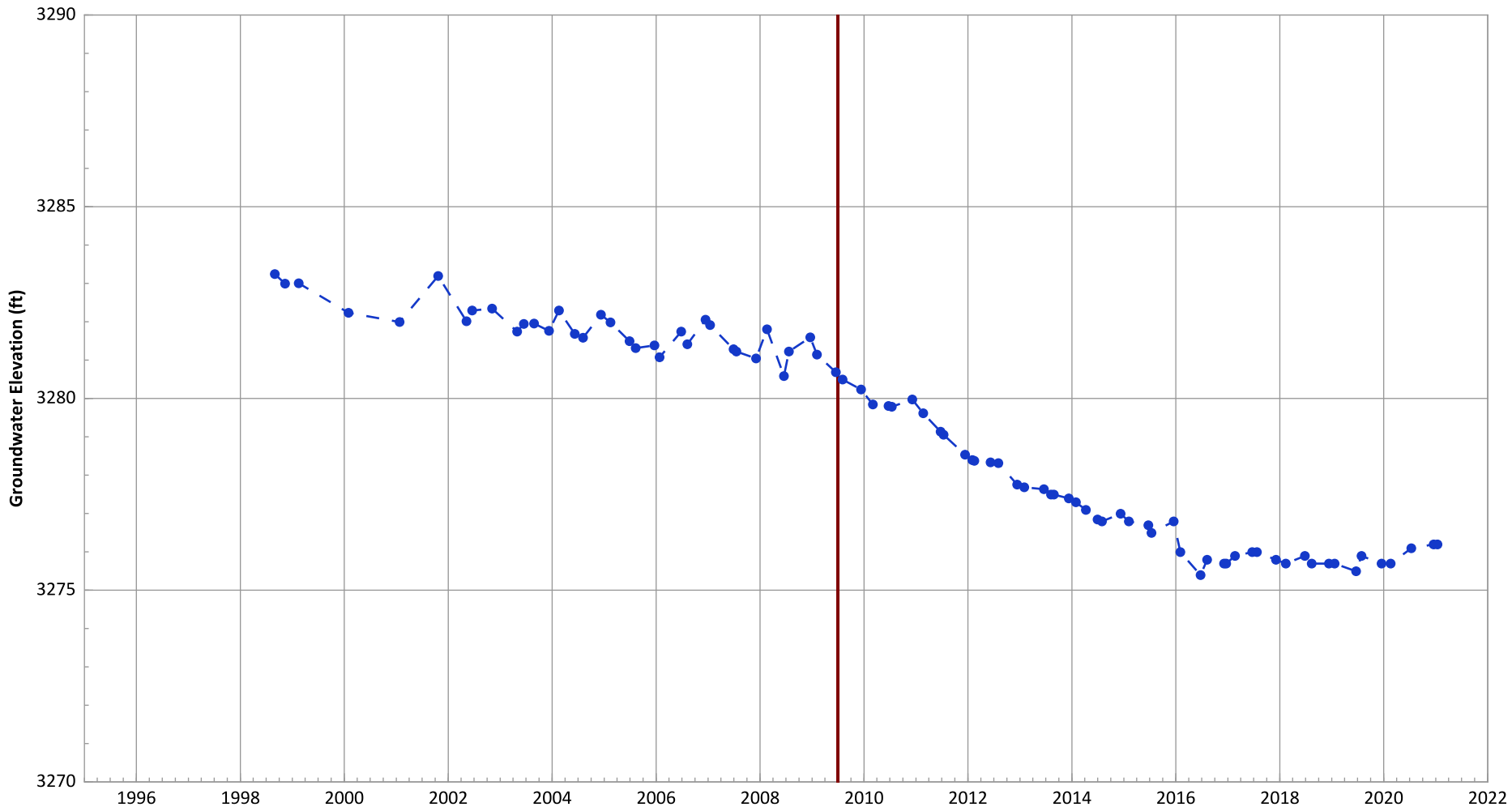
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.59 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.22 ft/yr

**PTX06-1038 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

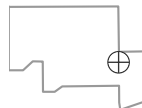


Notes:

1. Top of screen elevation is 3284.33 ft msl.
 2. The bottom of screen elevation is 3260.73 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

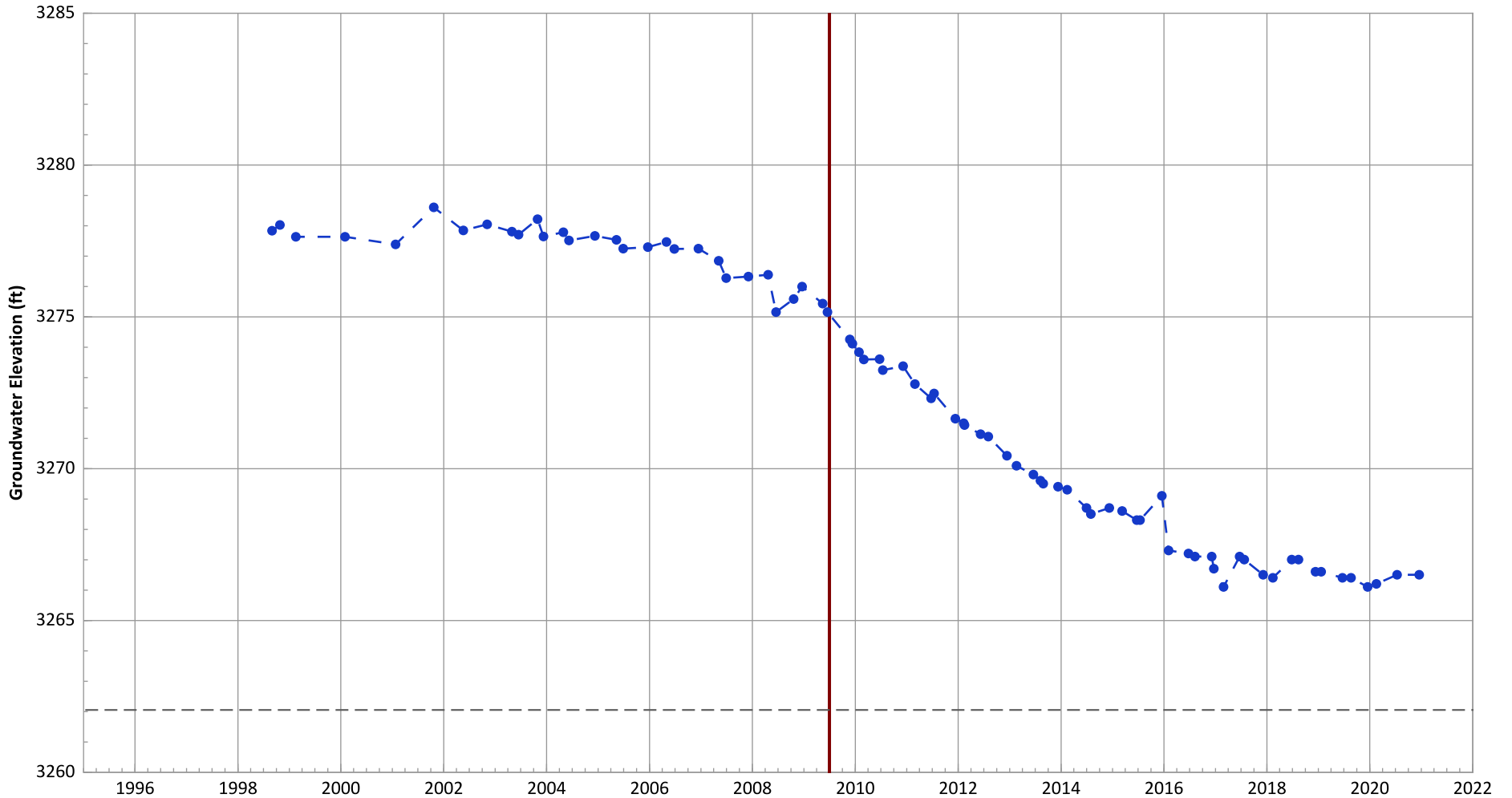
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.31 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.42 ft/yr

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

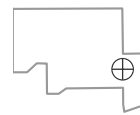


Notes:

1. Top of screen elevation is 3285.76 ft msl.
 2. The bottom of screen elevation is 3262.05 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

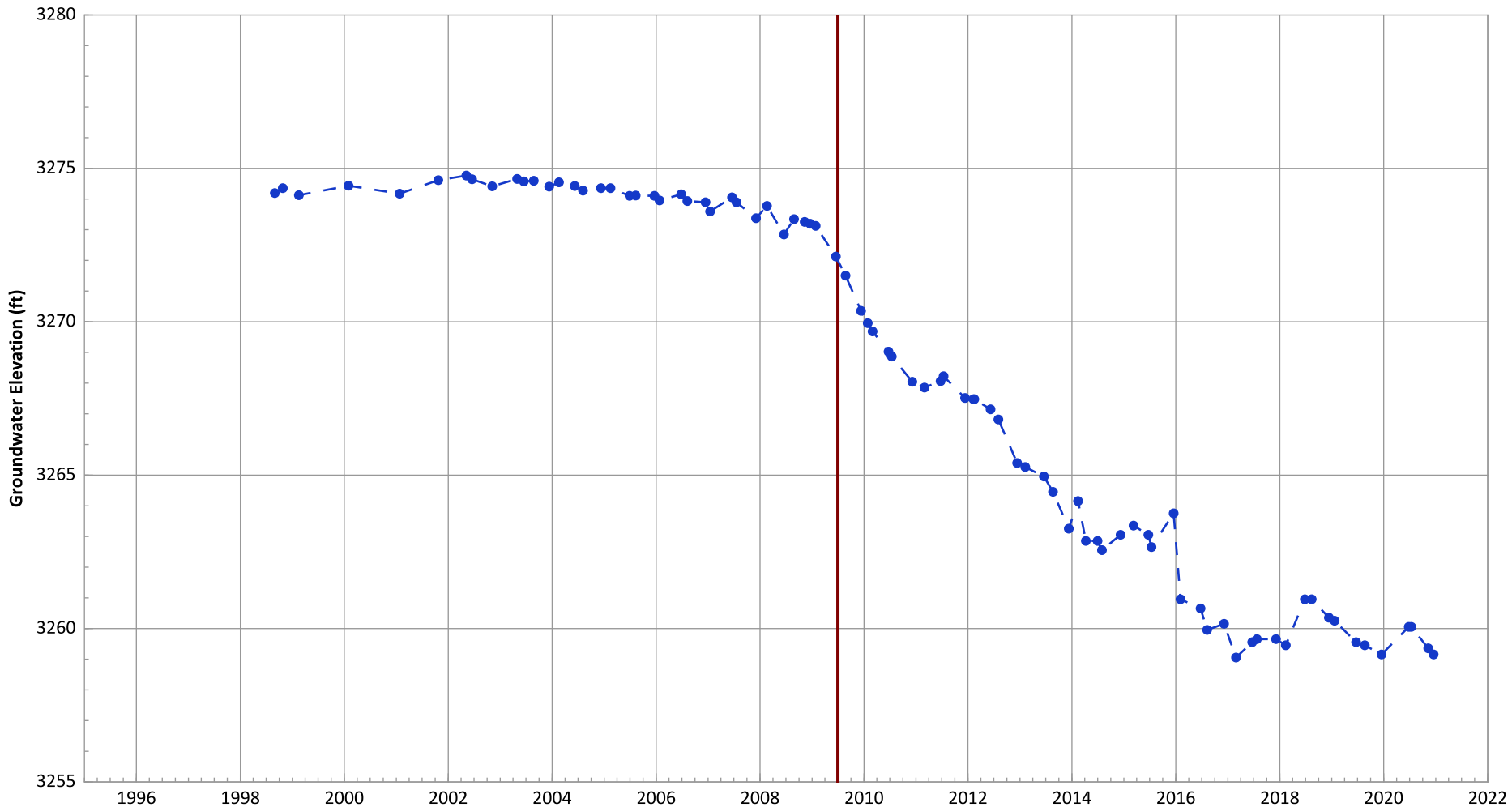
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.77 ft/yr

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

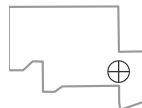


Notes:

1. Top of screen elevation is 3295.32 ft msl.
 2. The bottom of screen elevation is 3254.52 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

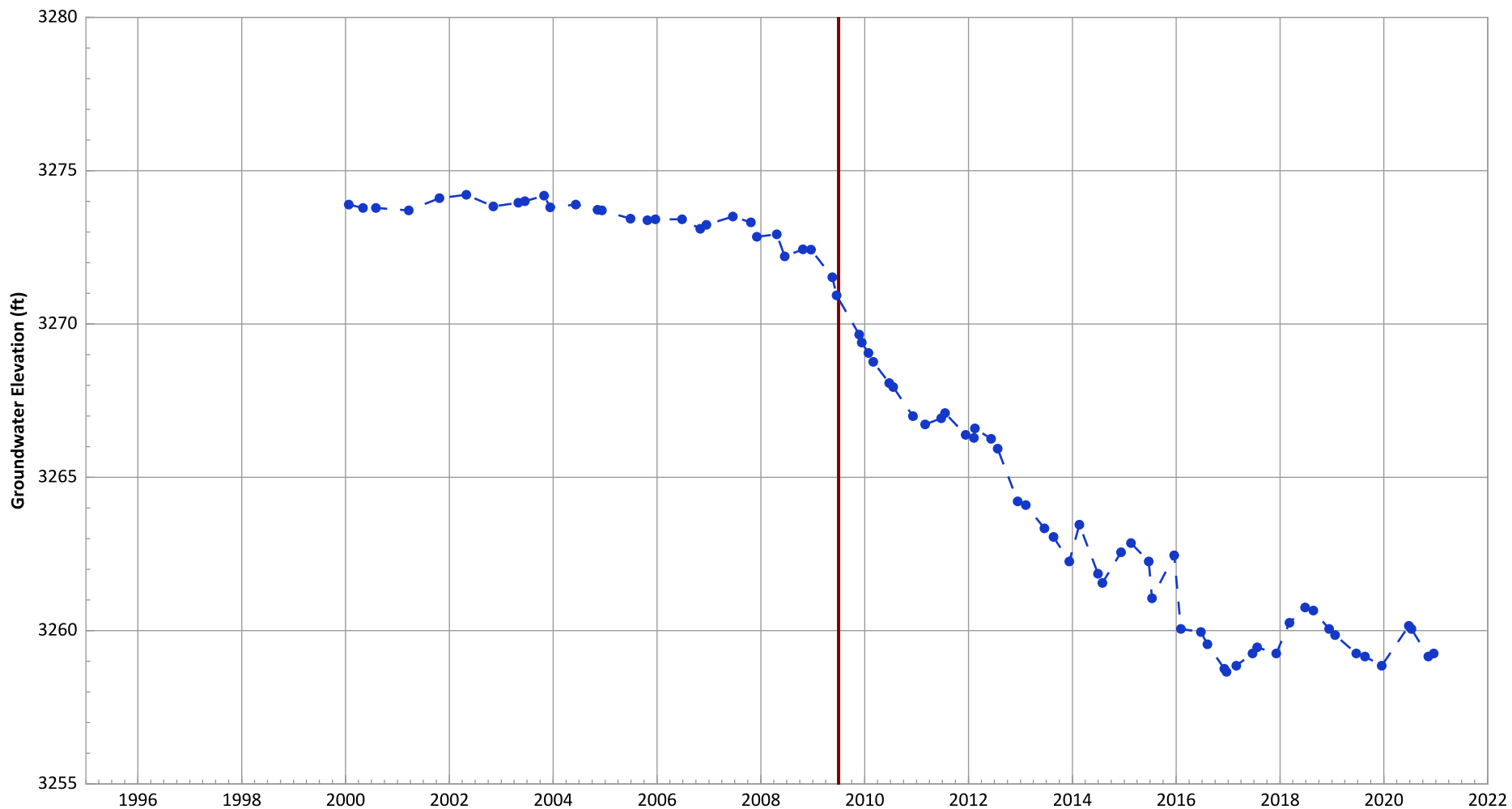
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.22 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.05 ft/yr

PTX06-1041 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

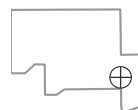


Notes:

1. Top of screen elevation is 3279.61 ft msl.
 2. The bottom of screen elevation is 3239.61 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

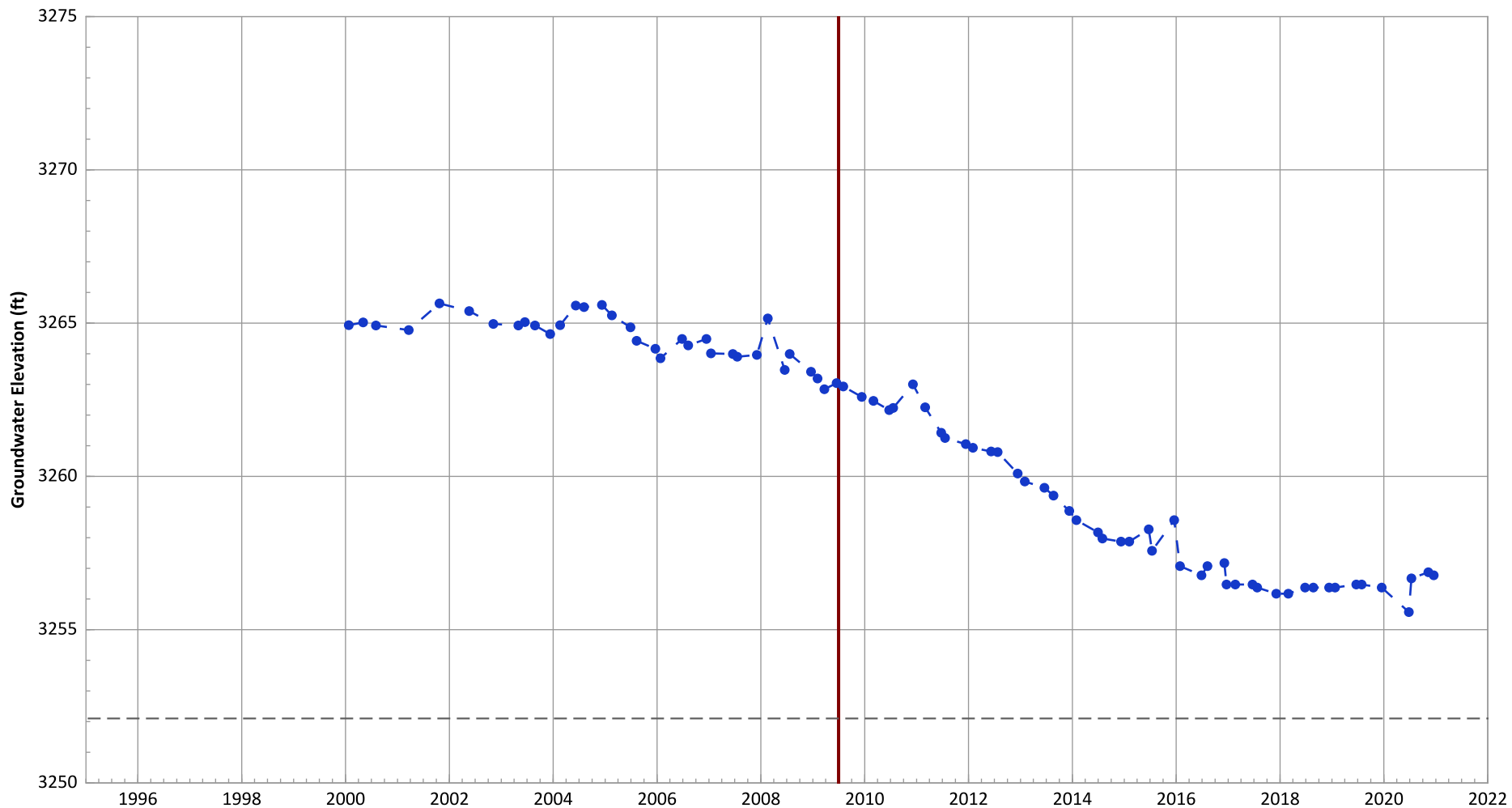
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): Decreasing at 0.95 ft/yr

**PTX06-1042 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

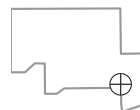


Notes:

1. Top of screen elevation is 3272.1 ft msl.
 2. The bottom of screen elevation is 3252.1 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

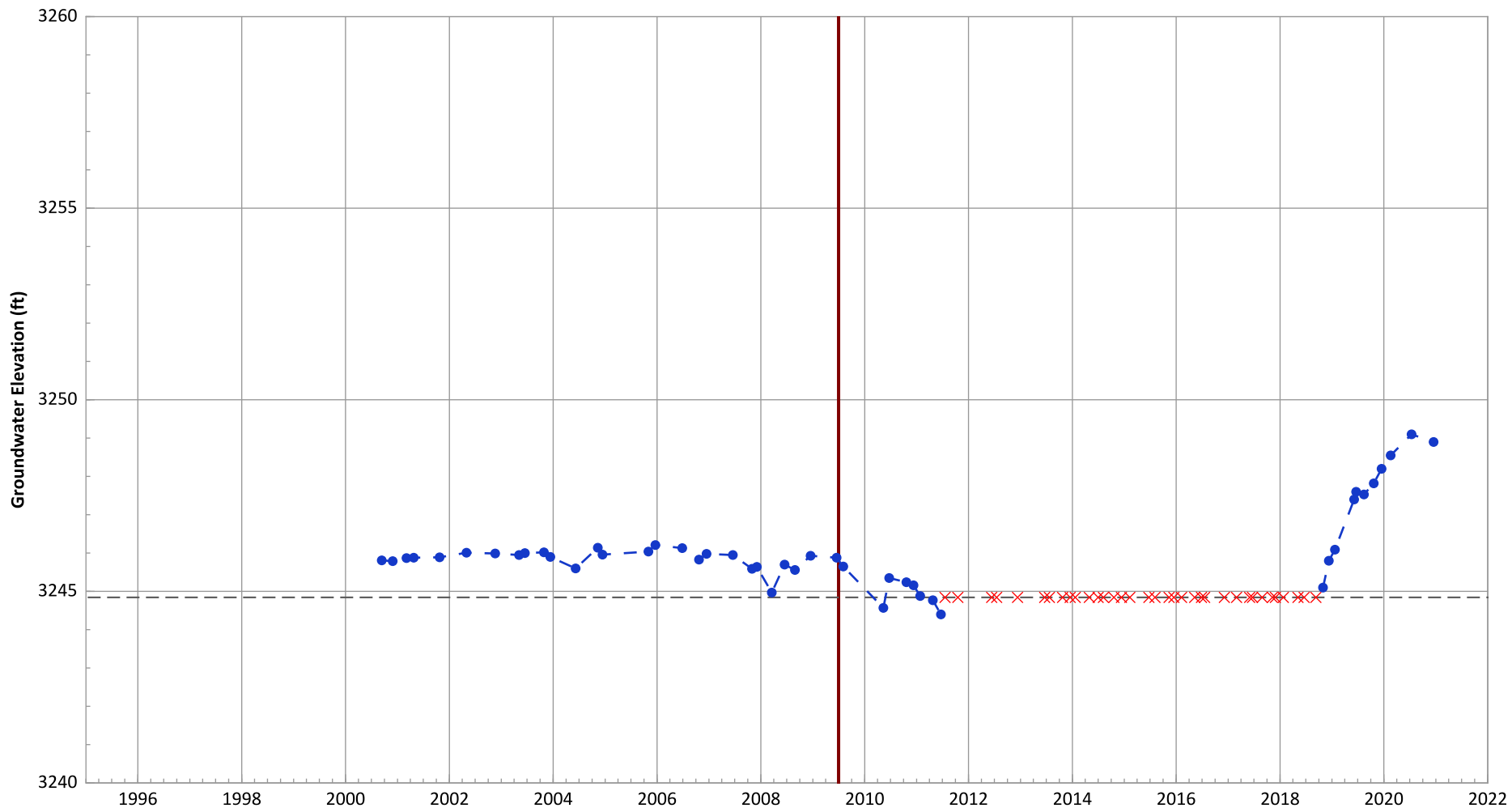
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.12 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.65 ft/yr

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



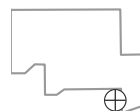
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action

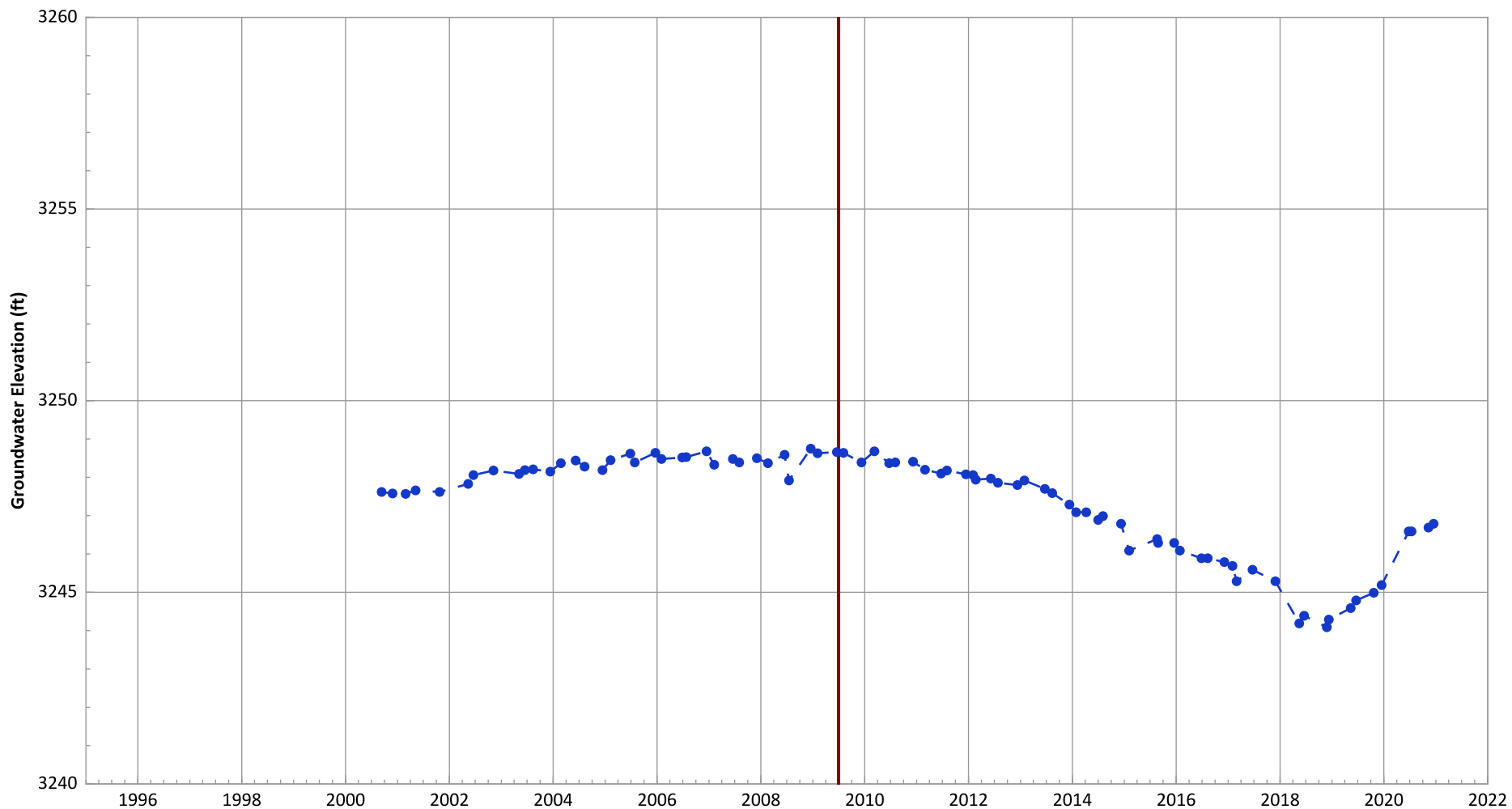
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.43 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.29 ft/yr

**PTX06-1046 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

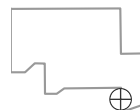


Notes:

1. Top of screen elevation is 3253.04 ft msl.
 2. The bottom of screen elevation is 3233.04 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

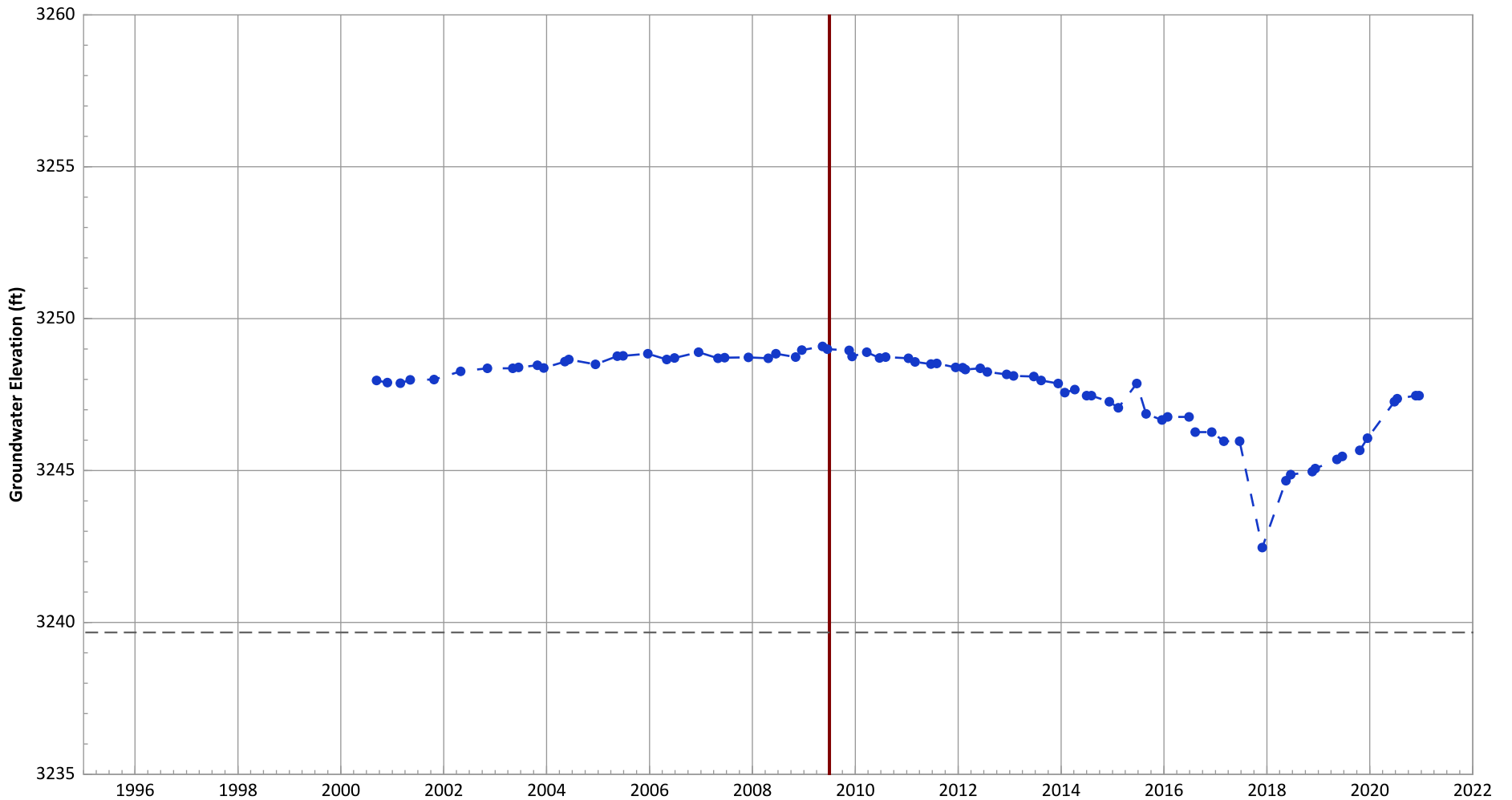
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.52 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.34 ft/yr

**PTX06-1047A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

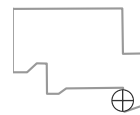


Notes:

1. Top of screen elevation is 3259.67 ft msl.
 2. The bottom of screen elevation is 3239.67 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

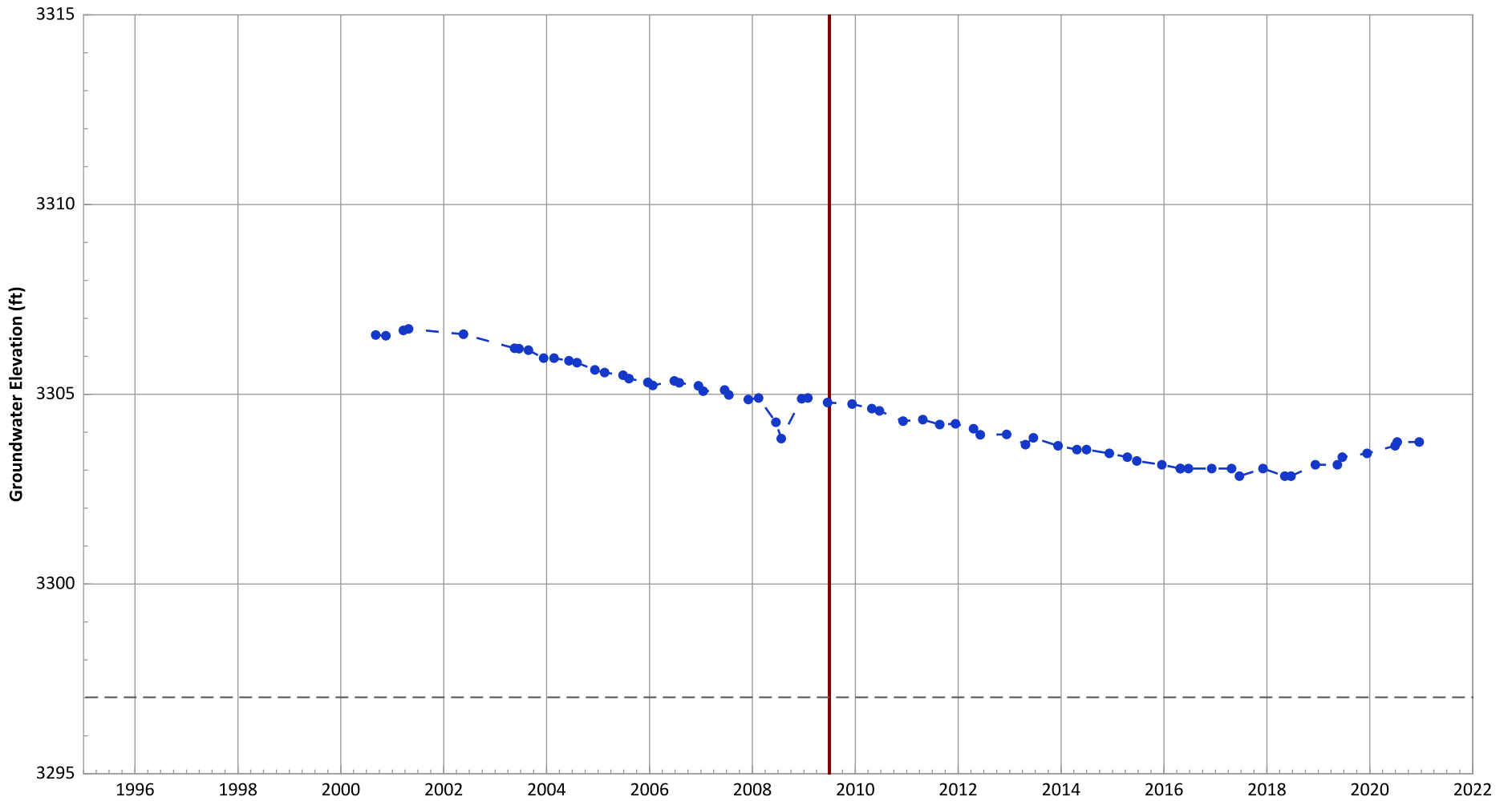
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.5 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.32 ft/yr

**PTX06-1048A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



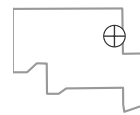
Notes:

1. Top of screen elevation is 3317.01 ft msl.
2. The bottom of screen elevation is 3297.01 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

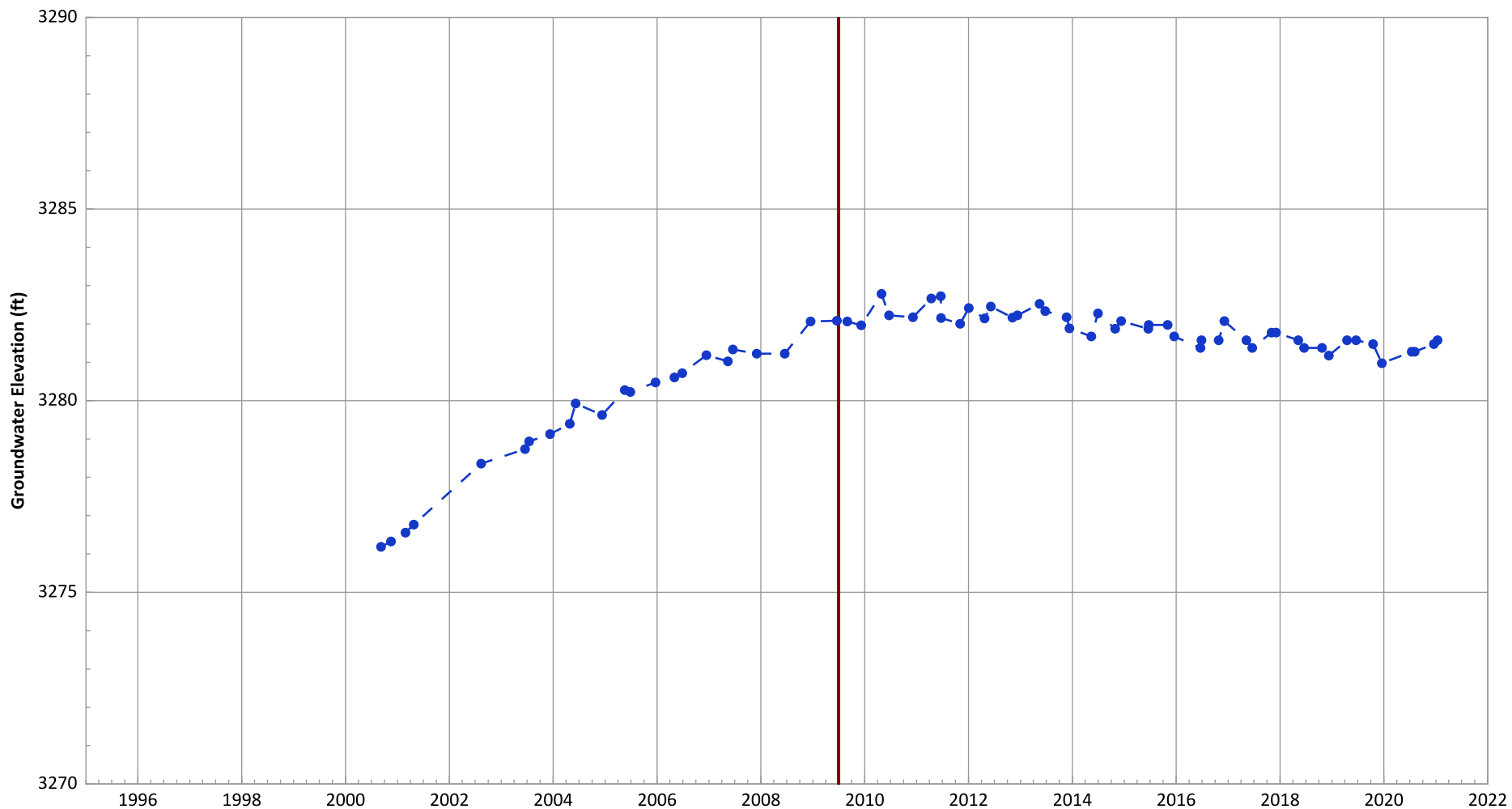
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.36 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.12 ft/yr

**PTX06-1049 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

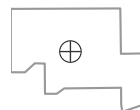


Notes:

1. Top of screen elevation is 3283.38 ft msl.
 2. The bottom of screen elevation is 3243.38 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

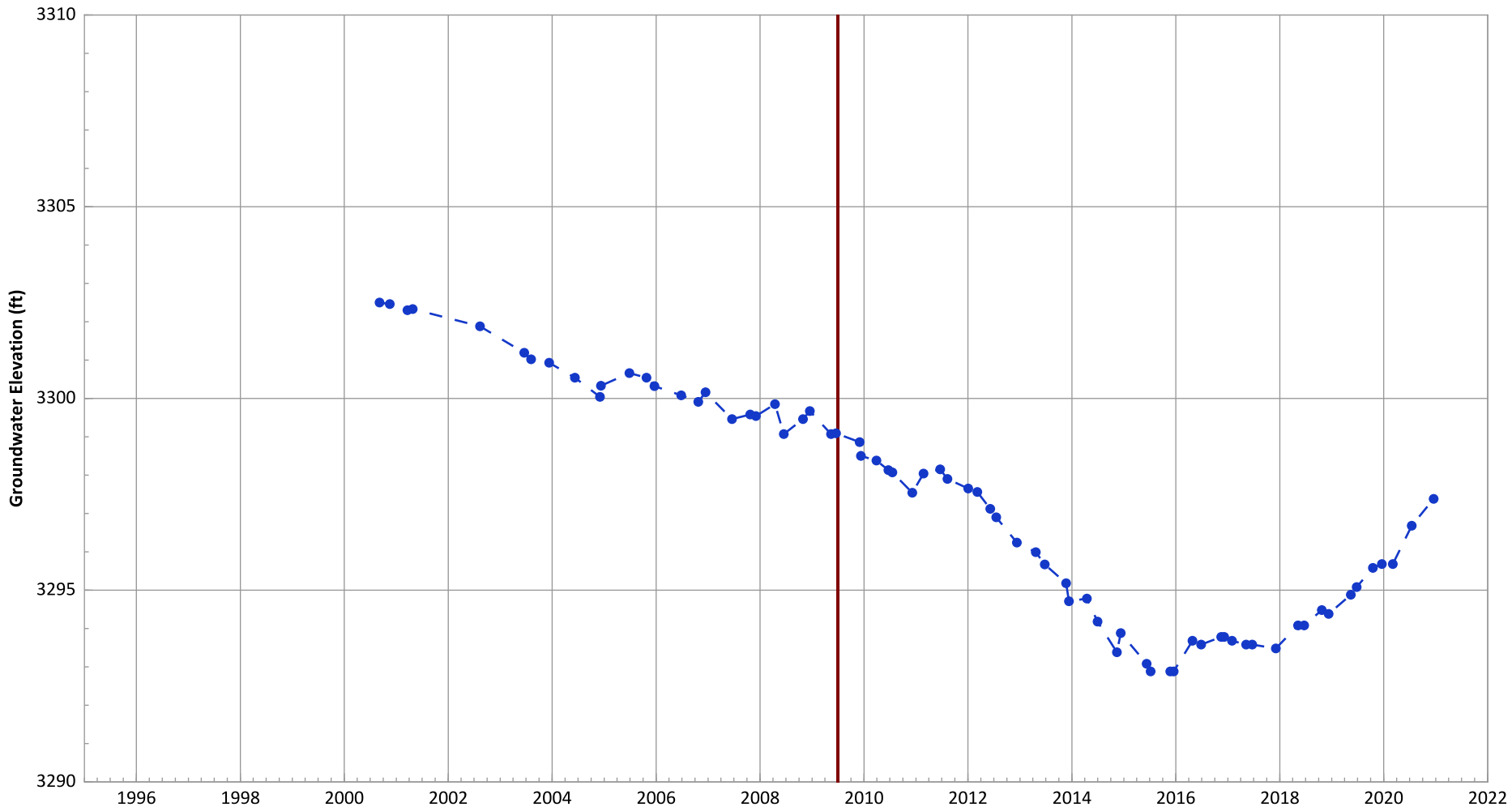
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.11 ft/yr

PTX06-1050 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:

1. Top of screen elevation is 3294.96 ft msl.
 2. The bottom of screen elevation is 3264.96 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

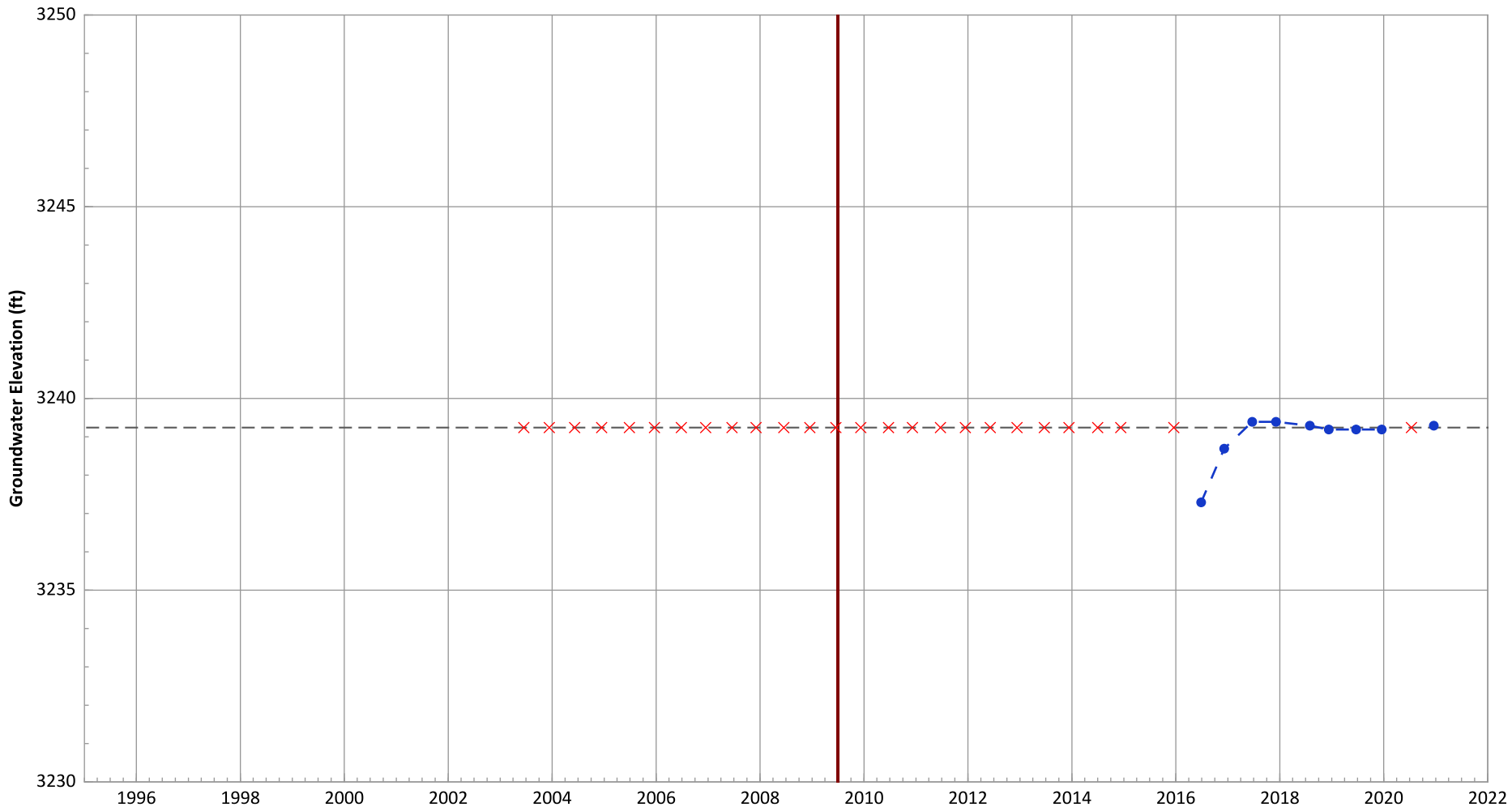
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 1.52 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.34 ft/yr

**PTX06-1051 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

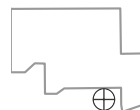


Notes:

1. Top of screen elevation is 3249.24 ft msl.
 2. The bottom of screen elevation is 3239.24 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

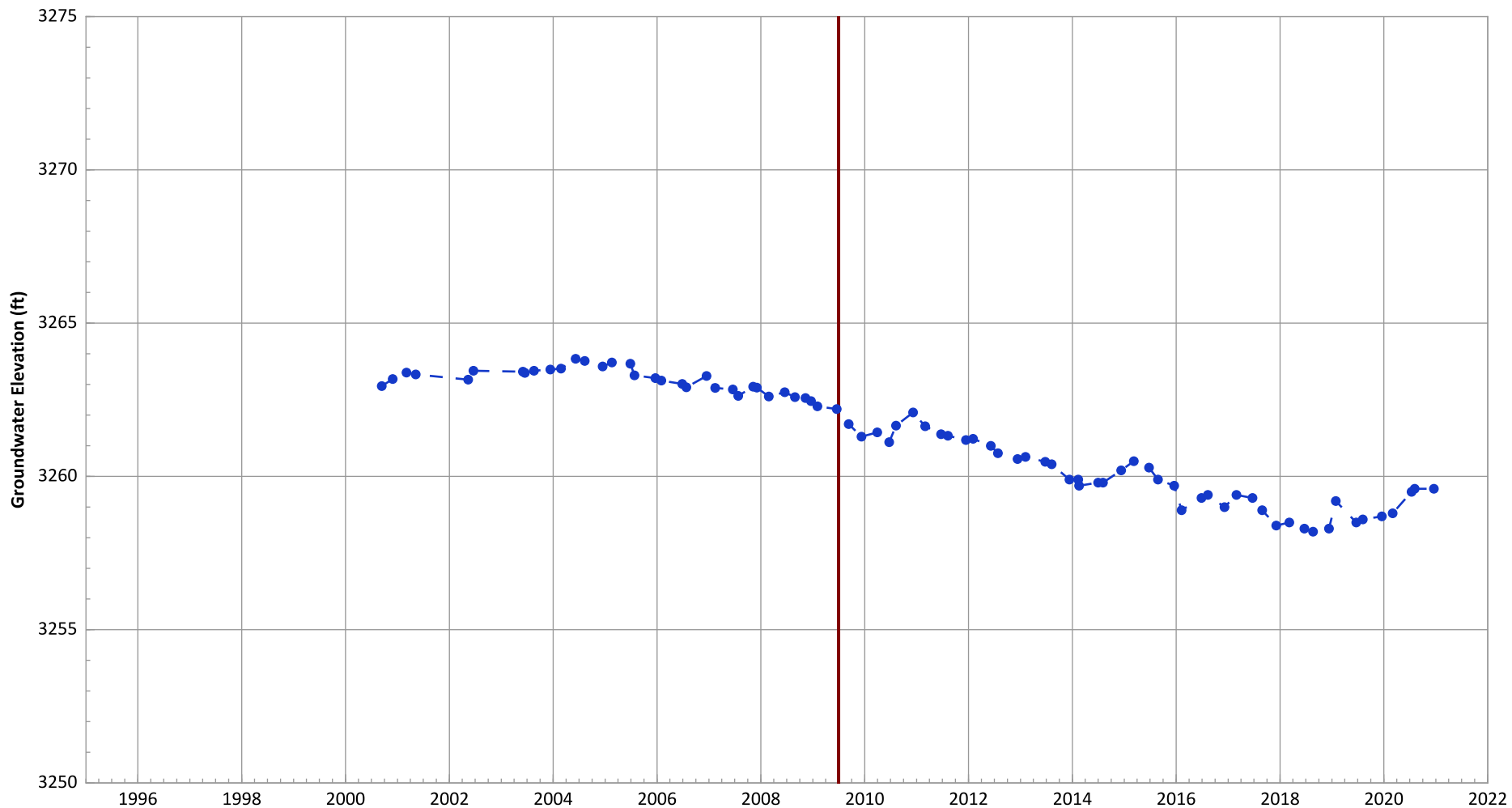
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Increasing at 0.27 ft/yr

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

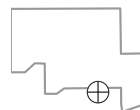


Notes:

1. Top of screen elevation is 3266.45 ft msl.
 2. The bottom of screen elevation is 3246.45 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

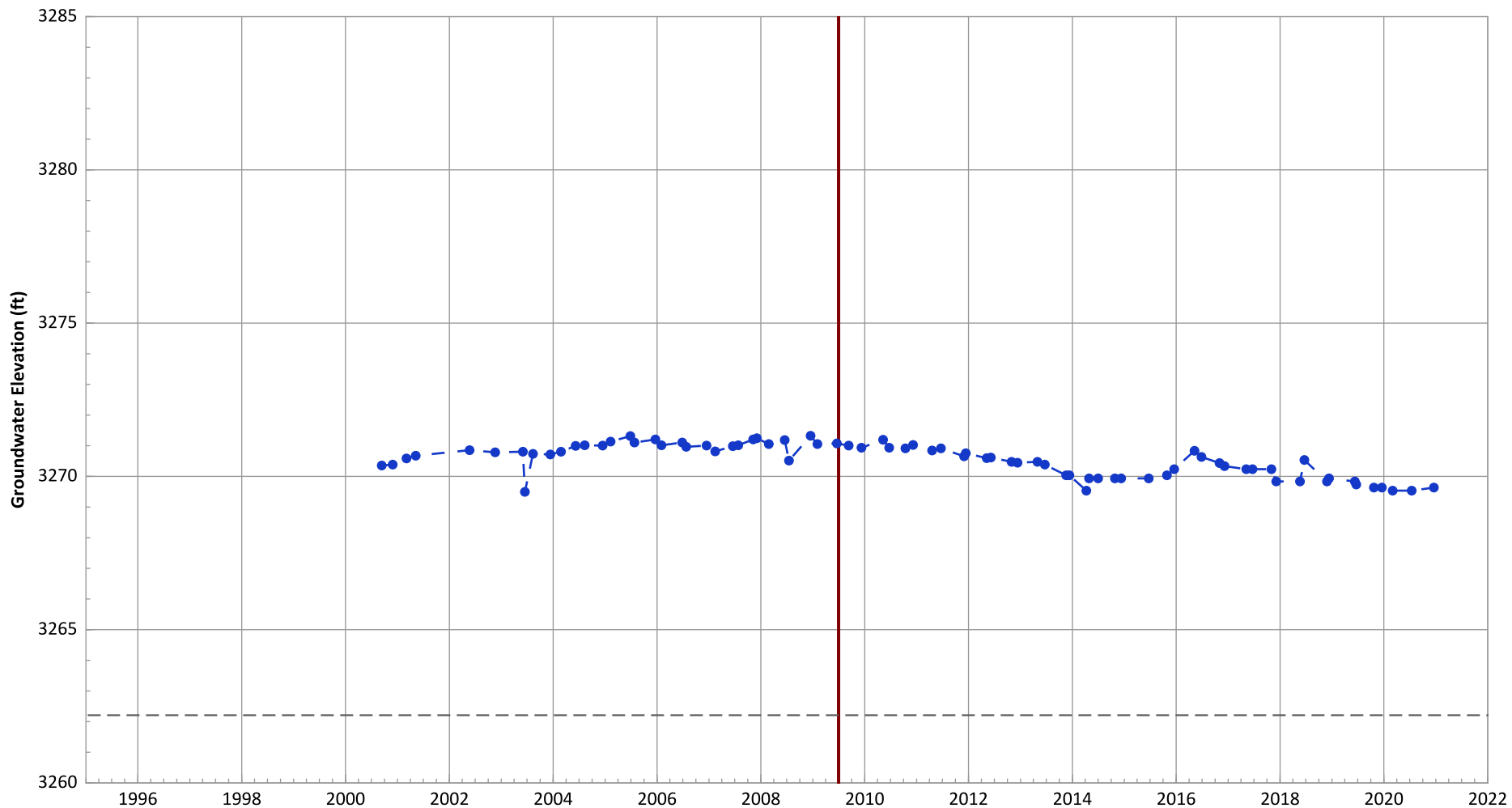
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.48 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.29 ft/yr

**PTX06-1053 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

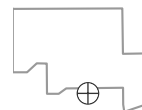


Notes:

1. Top of screen elevation is 3277.21 ft msl.
 2. The bottom of screen elevation is 3262.21 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- Bottom of Screen Elevation
- Start of Remedial Action

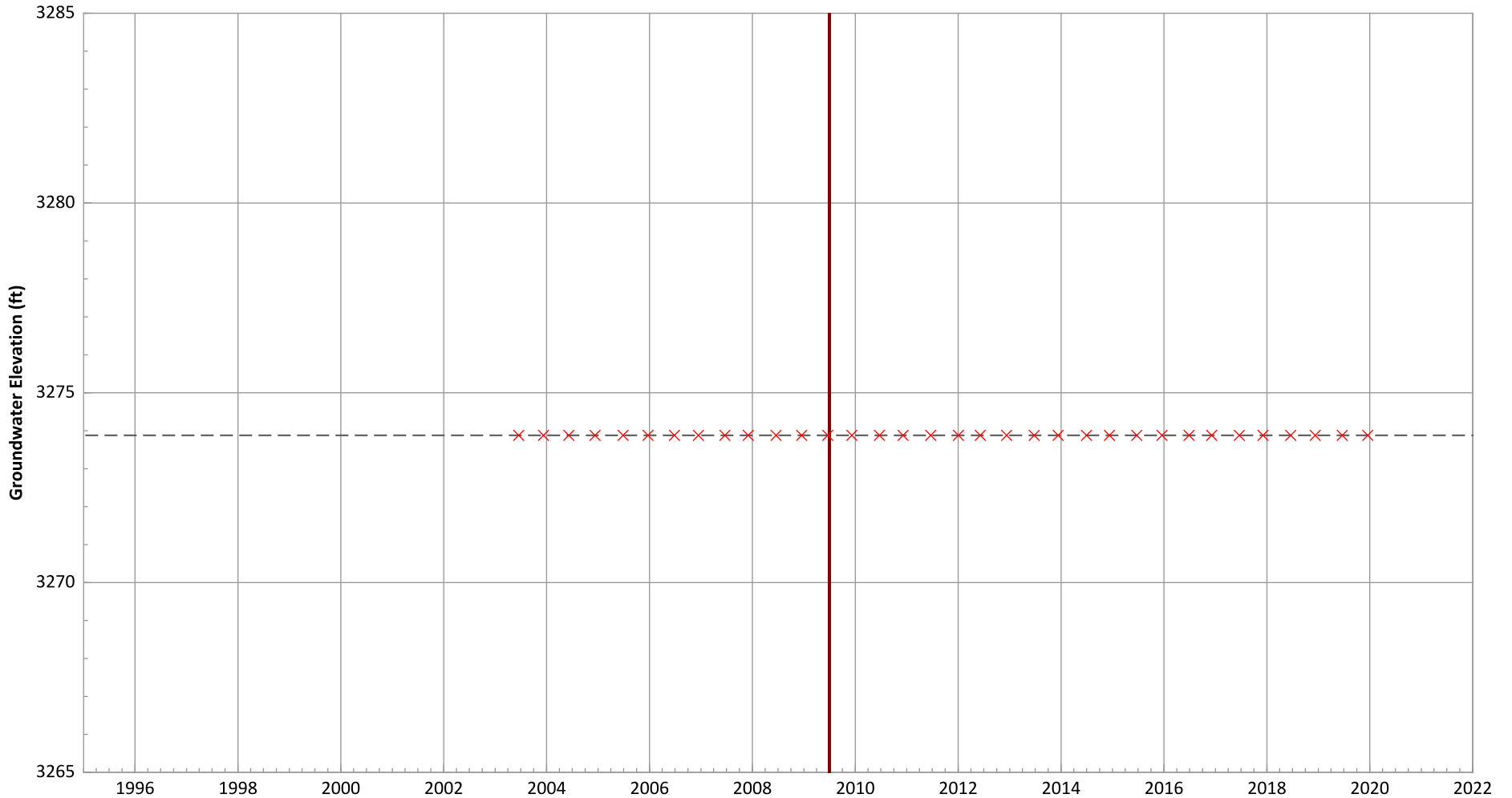
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.13 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.11 ft/yr

**PTX06-1055 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



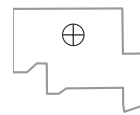
Notes:

1. Top of screen elevation is 3303.88 ft msl.
2. The bottom of screen elevation is 3273.88 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

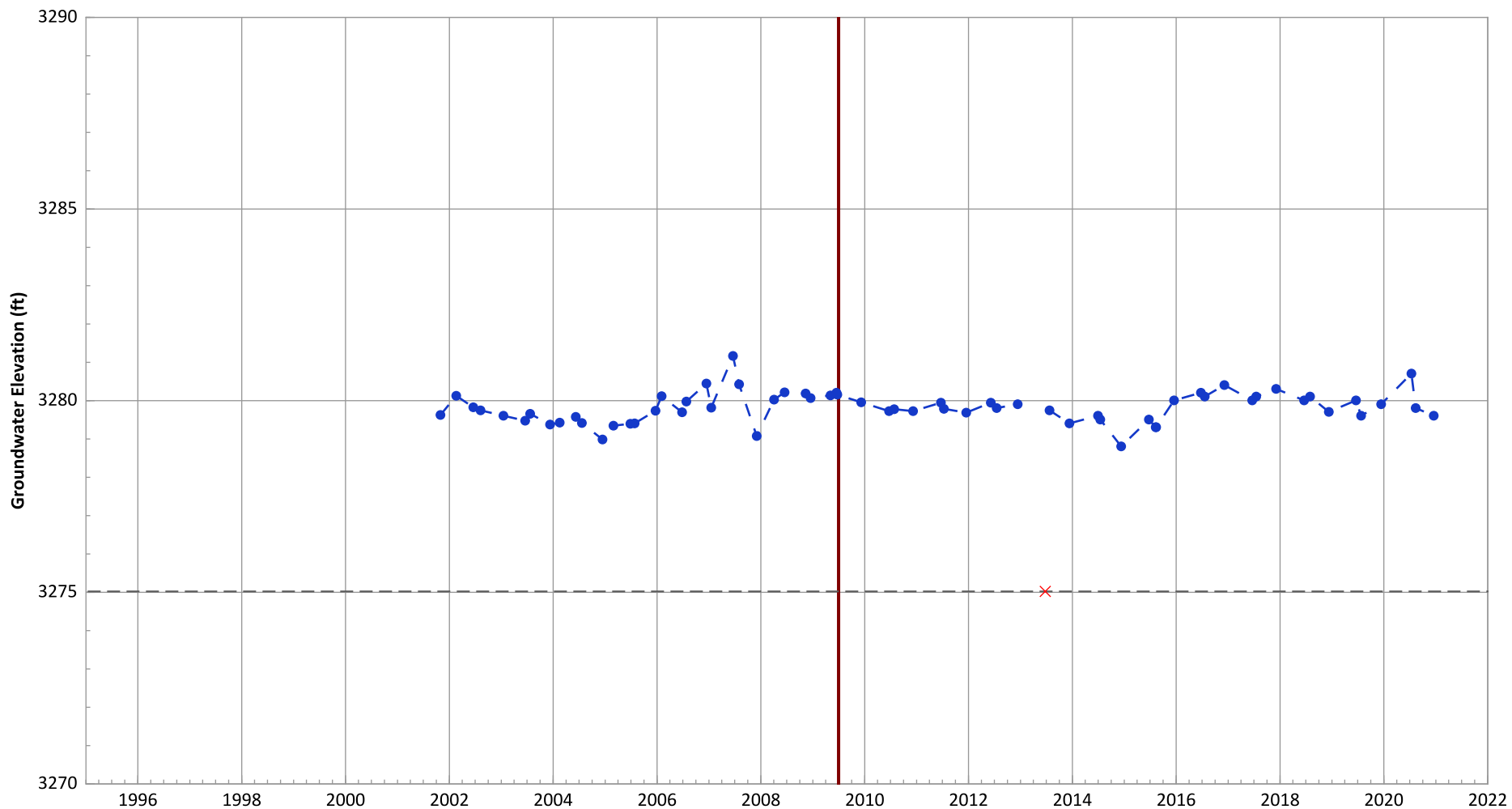
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

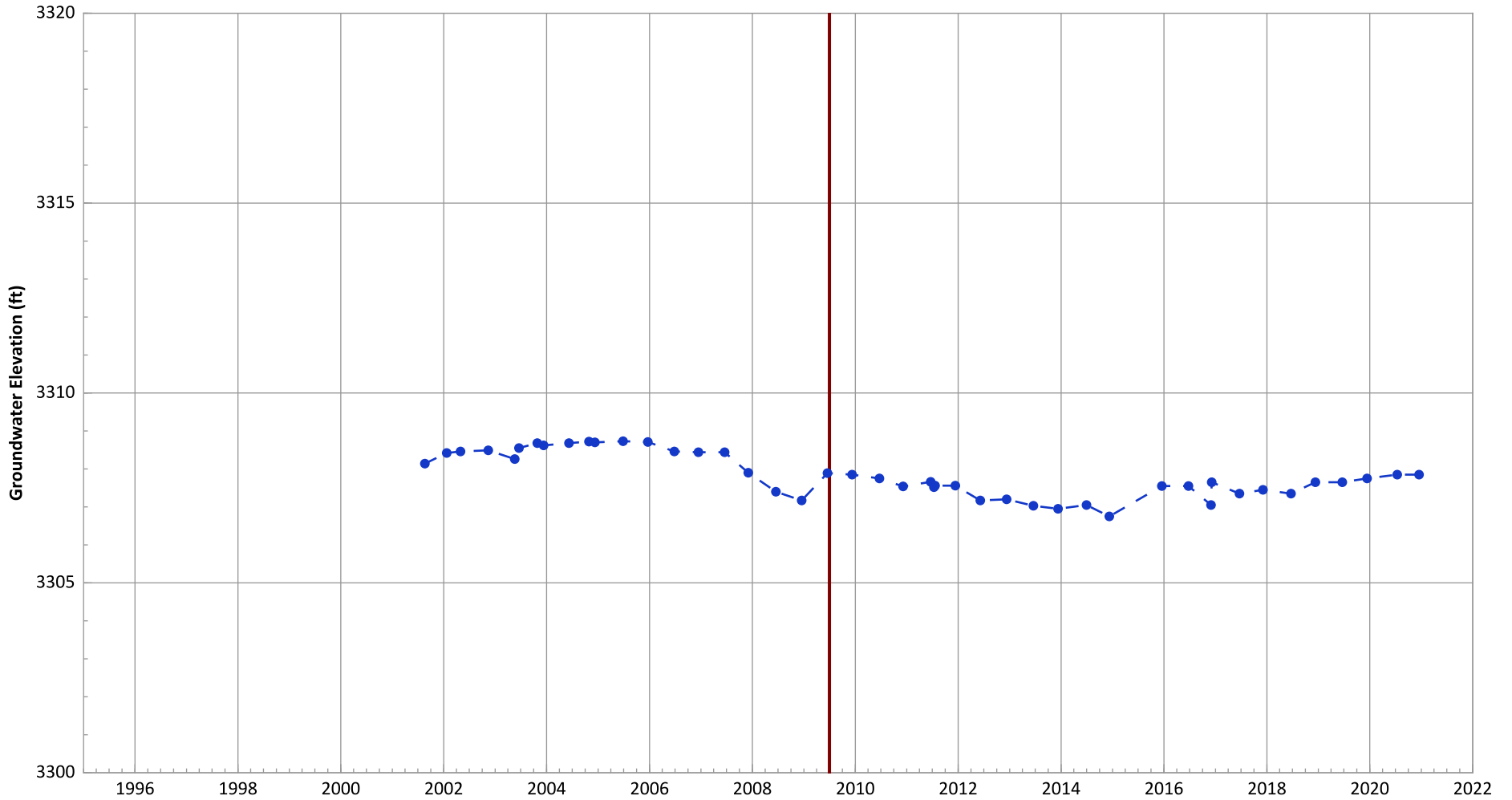
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

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

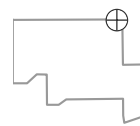


Notes:

1. Top of screen elevation is 3289.16 ft msl.
 2. The bottom of screen elevation is 3279.16 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

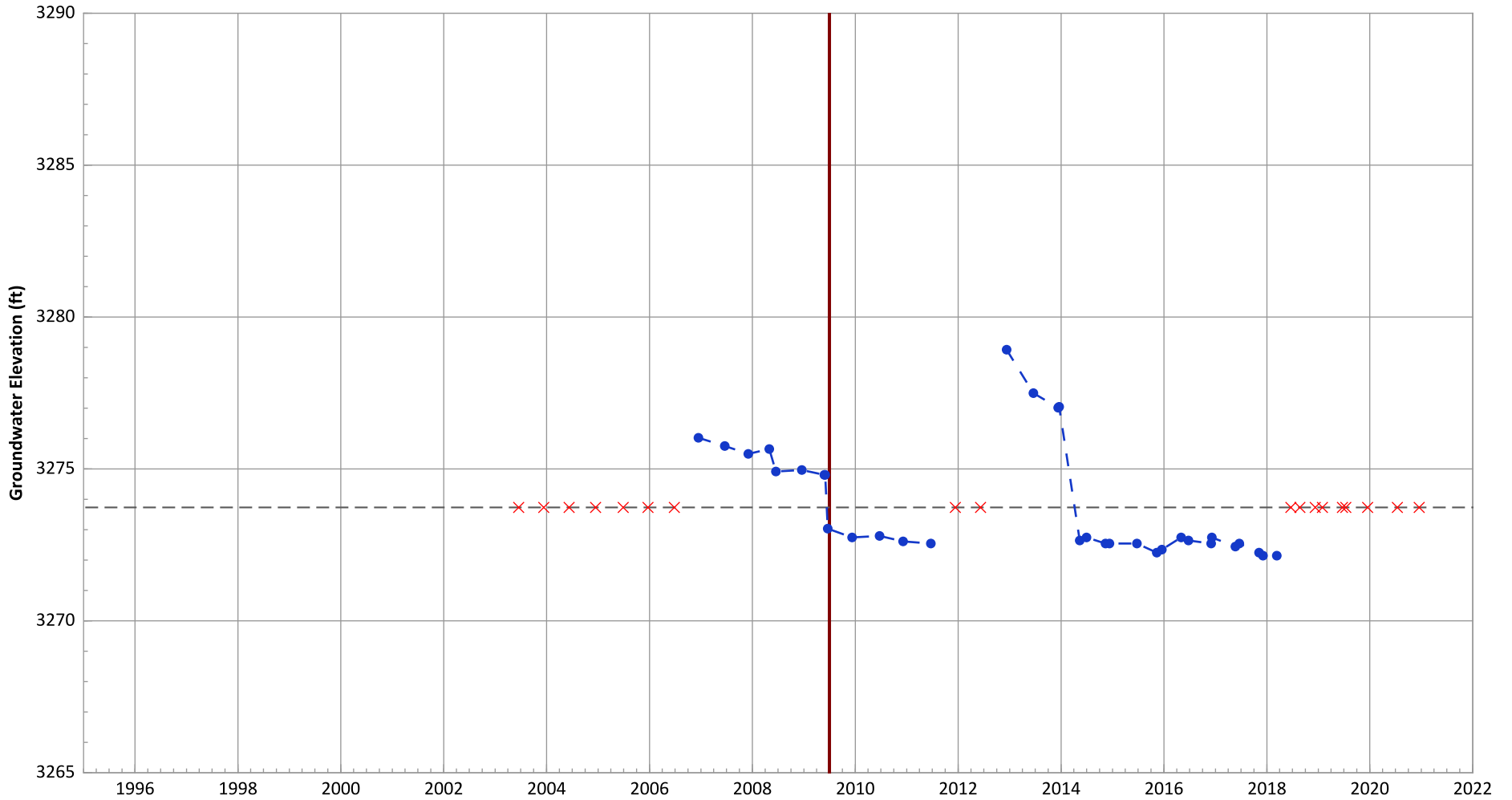
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.14 ft/yr
 Data (7/2009 - 1/2021): No Trend

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

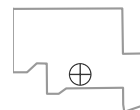


Notes:

1. Top of screen elevation is 3303.73 ft msl.
 2. The bottom of screen elevation is 3273.73 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

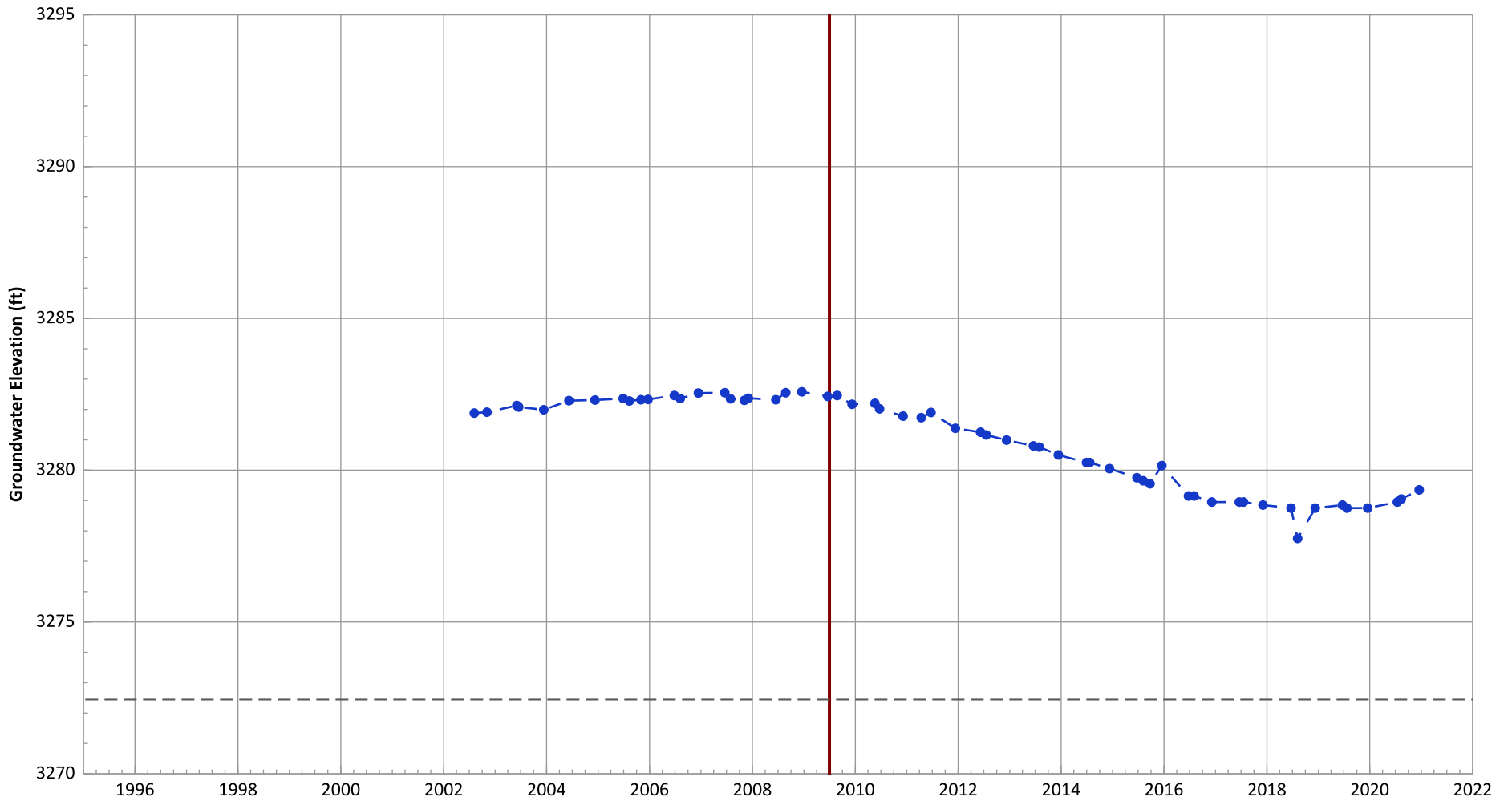
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.25 ft/yr

**PTX06-1077A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

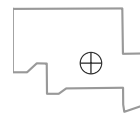


Notes:

1. Top of screen elevation is 3297.45 ft msl.
 2. The bottom of screen elevation is 3272.45 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

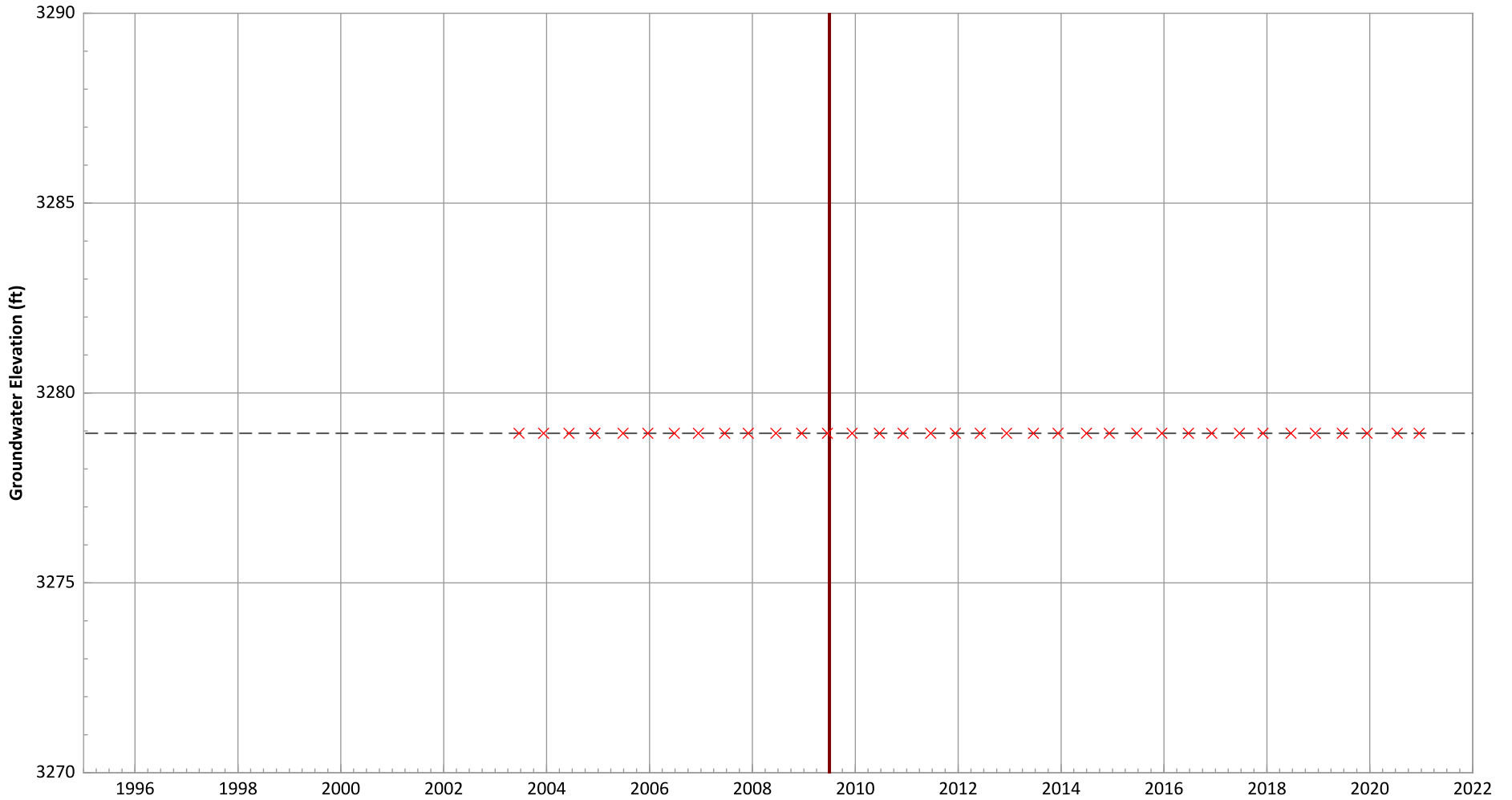
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.32 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.36 ft/yr

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



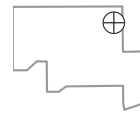
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

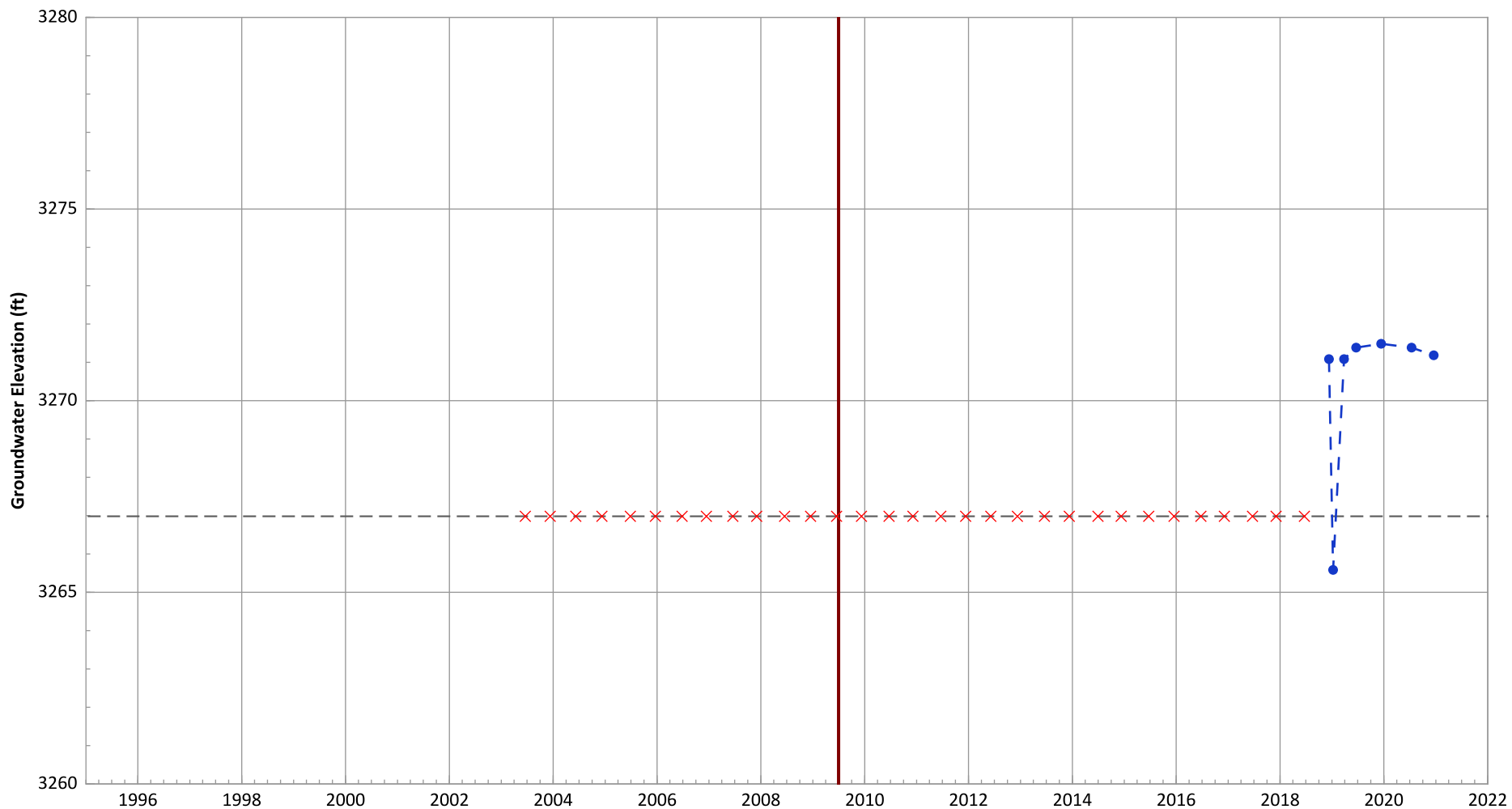
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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

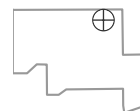


Notes:

1. Top of screen elevation is 3296.98 ft msl.
 2. The bottom of screen elevation is 3266.98 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

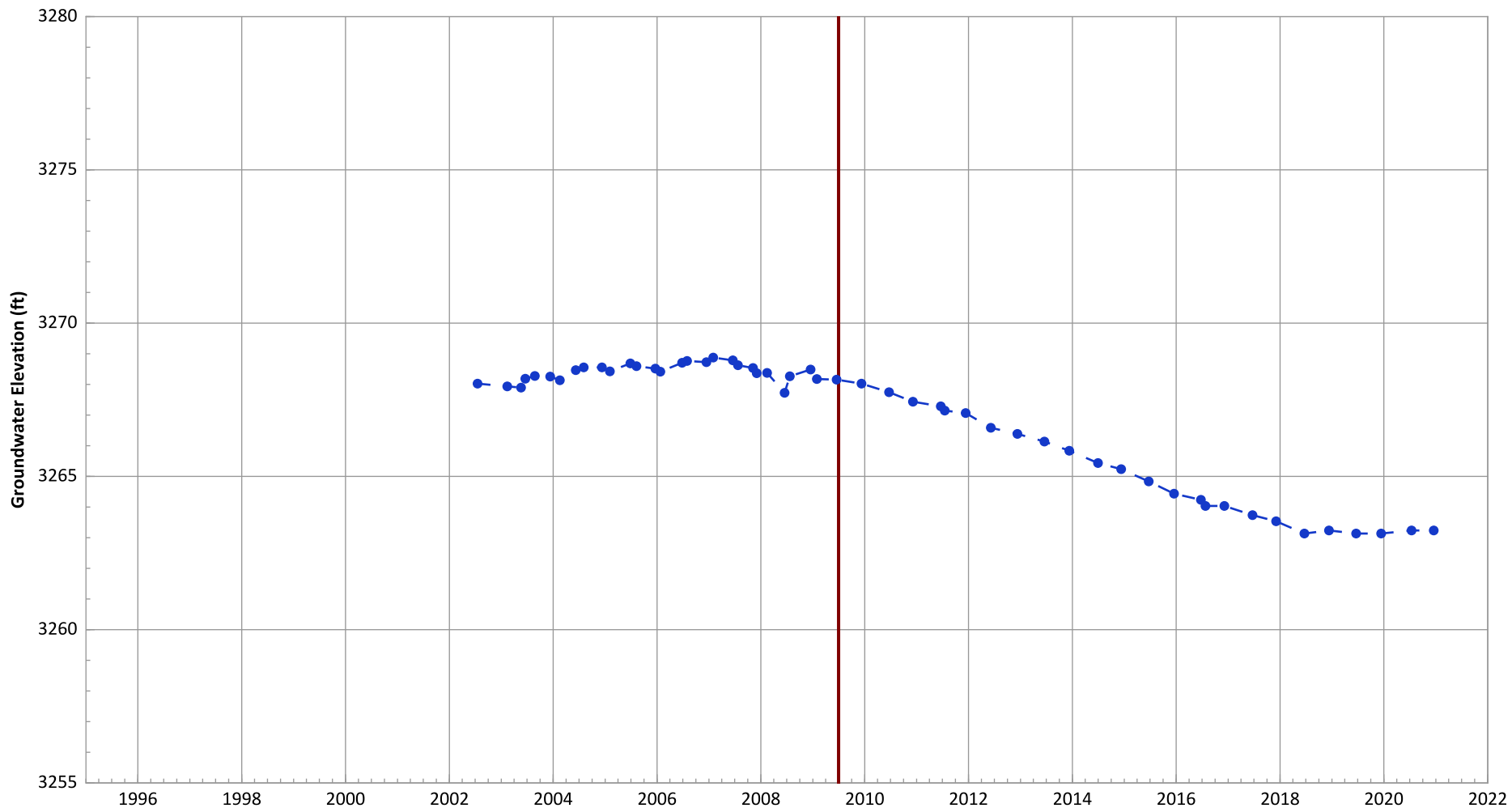
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Increasing at 1.17 ft/yr

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 continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

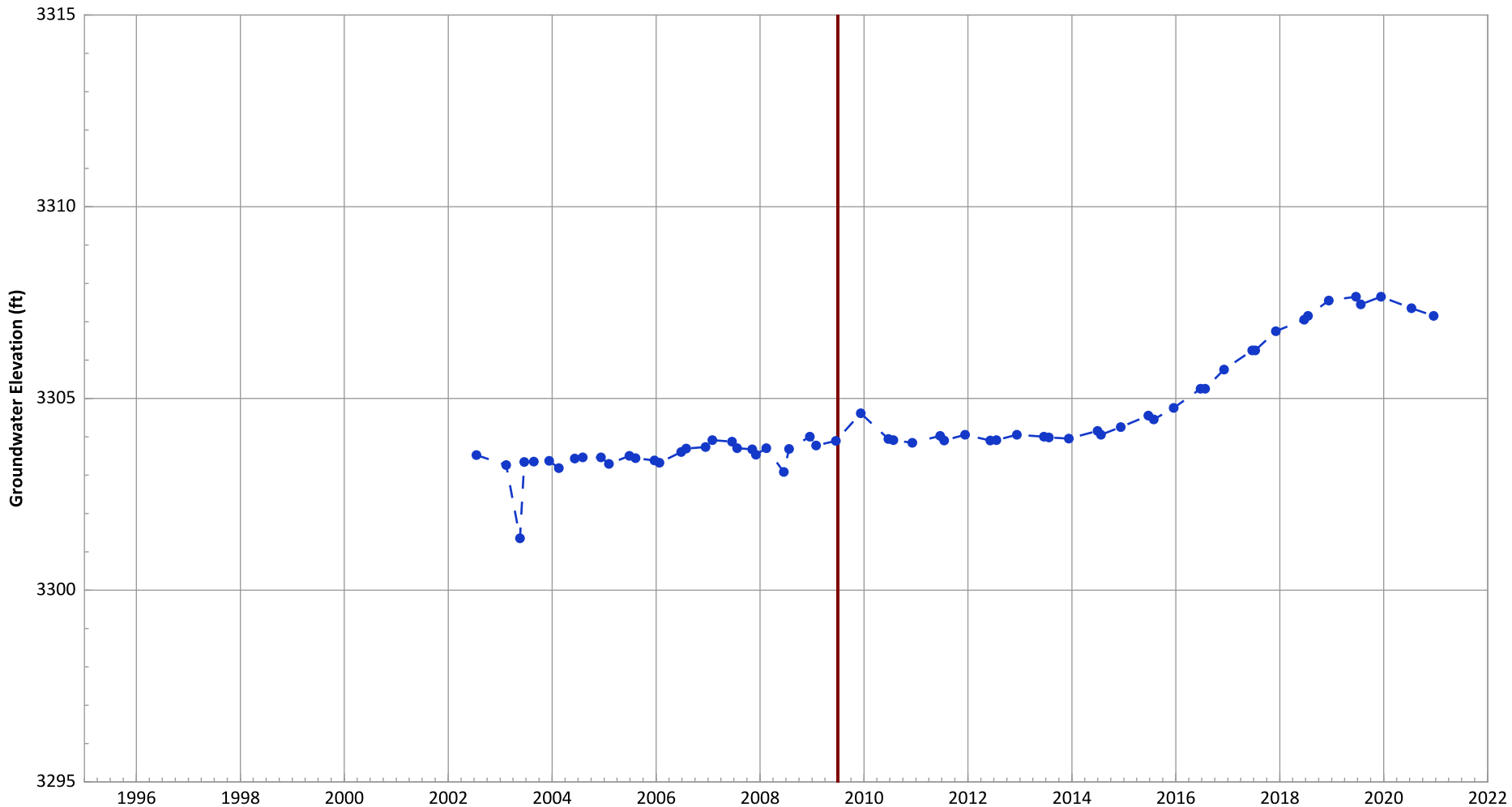
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): Decreasing at 0.5 ft/yr

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

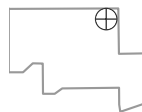


Notes:

1. Top of screen elevation is 3316.5 ft msl.
 2. The bottom of screen elevation is 3286.5 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

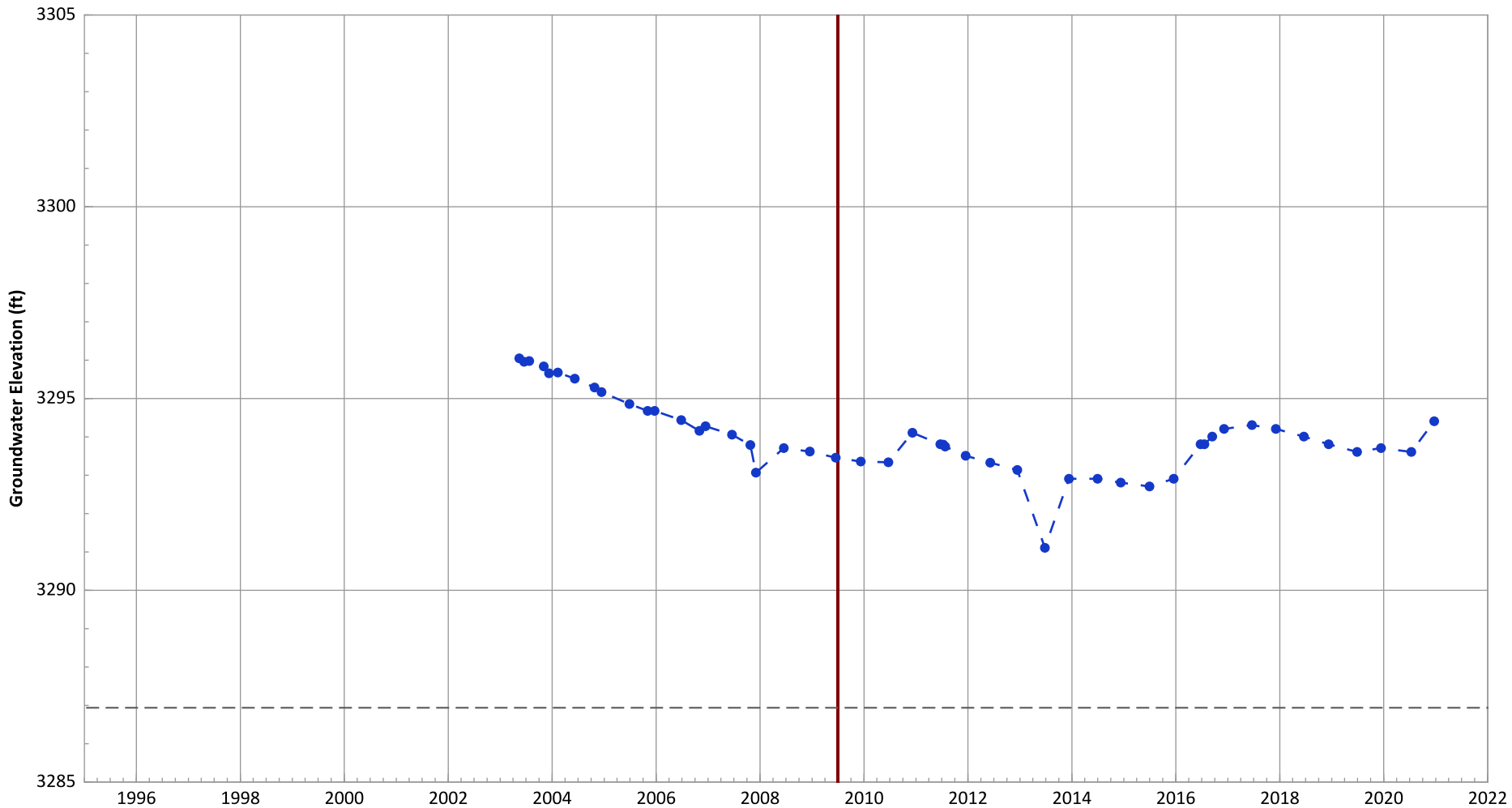
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.28 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.4 ft/yr

**PTX06-1082 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

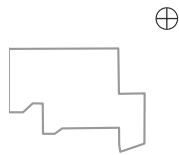


Notes:

1. Top of screen elevation is 3311.94 ft msl.
 2. The bottom of screen elevation is 3286.94 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

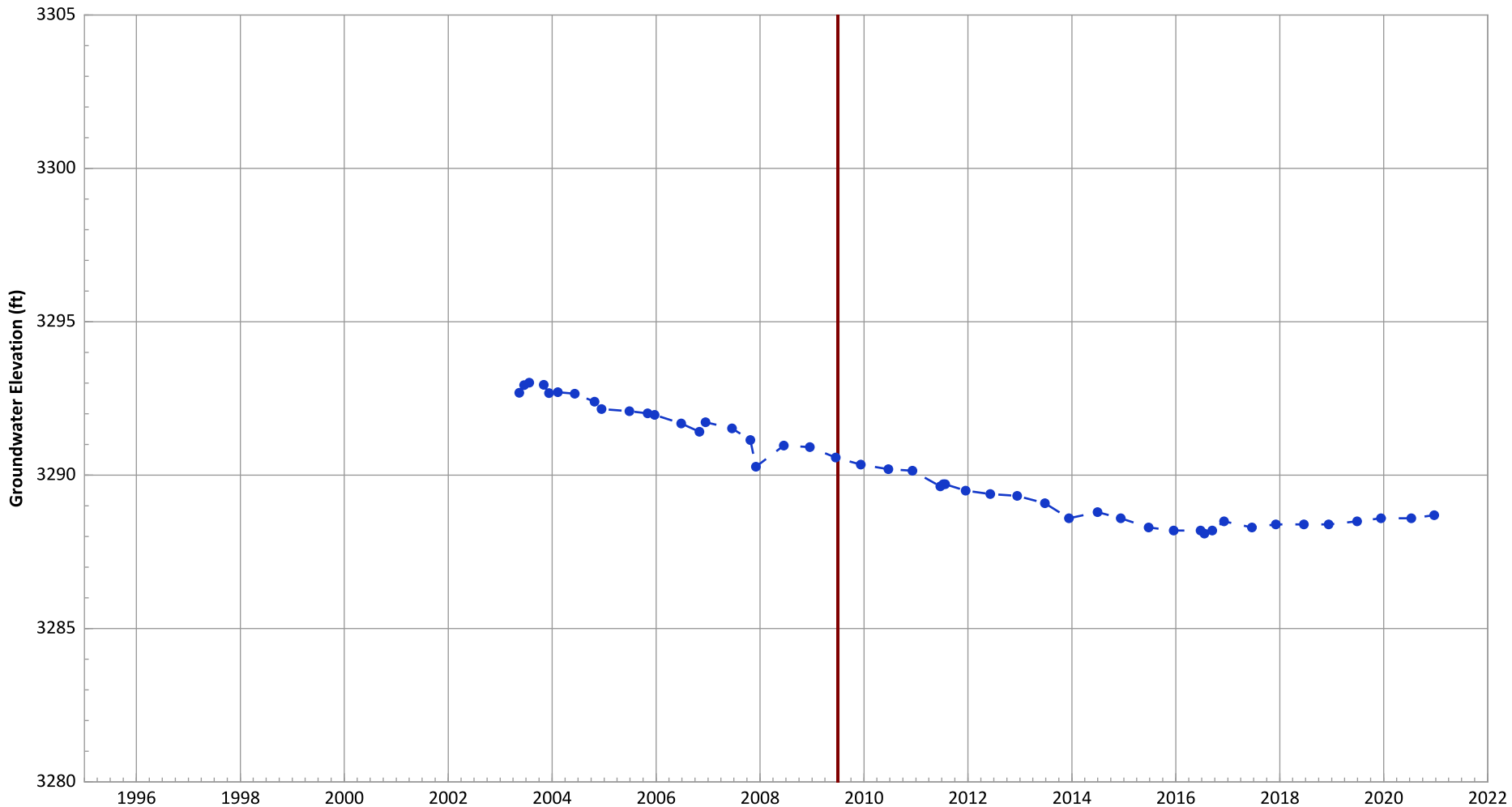
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.44 ft/yr
 Data (7/2009 - 1/2021): No Trend

**PTX06-1083 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



Notes:

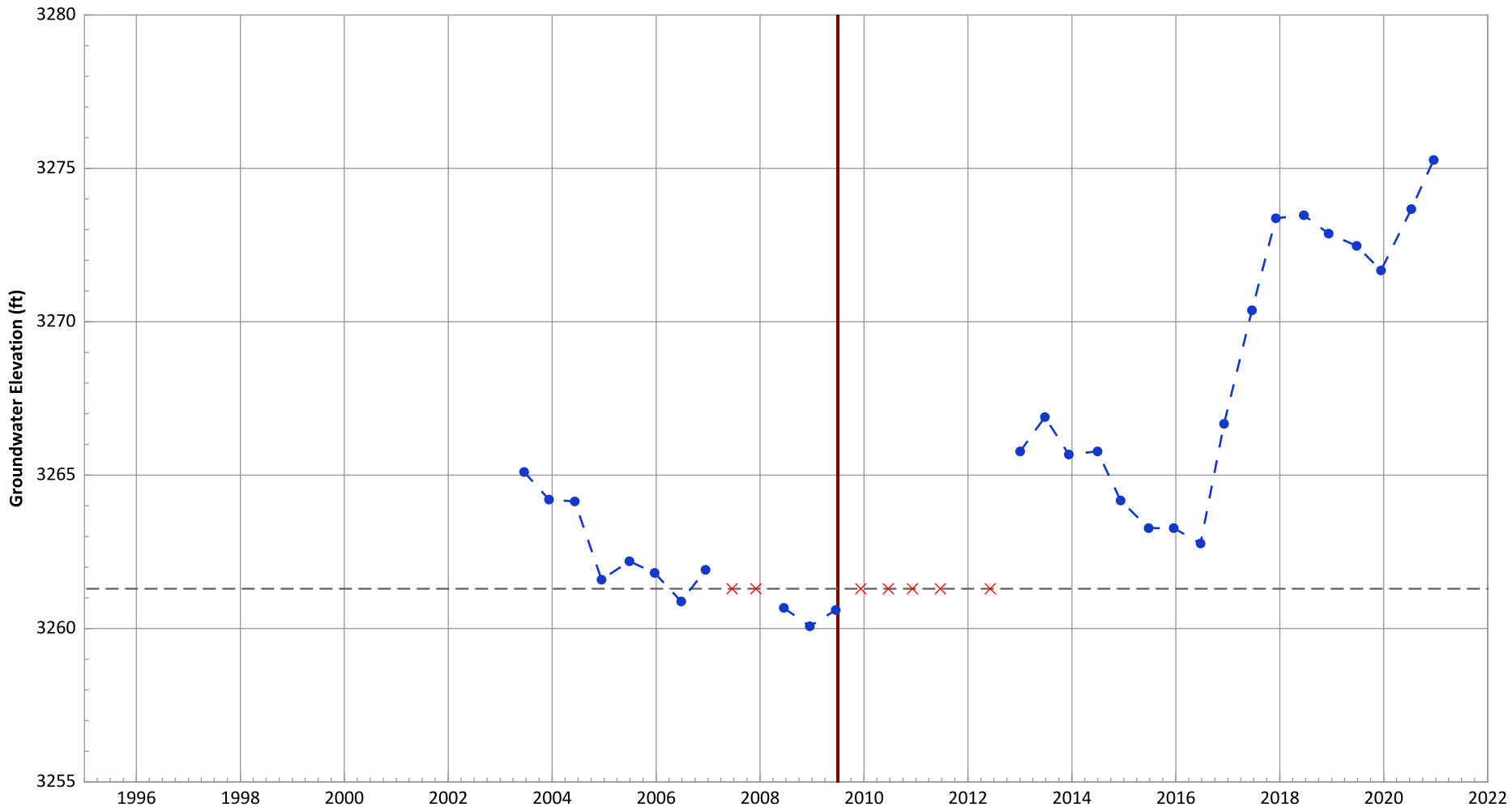
1. Top of screen elevation is 3299.91 ft msl.
 2. The bottom of screen elevation is 3269.91 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.12 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.17 ft/yr

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

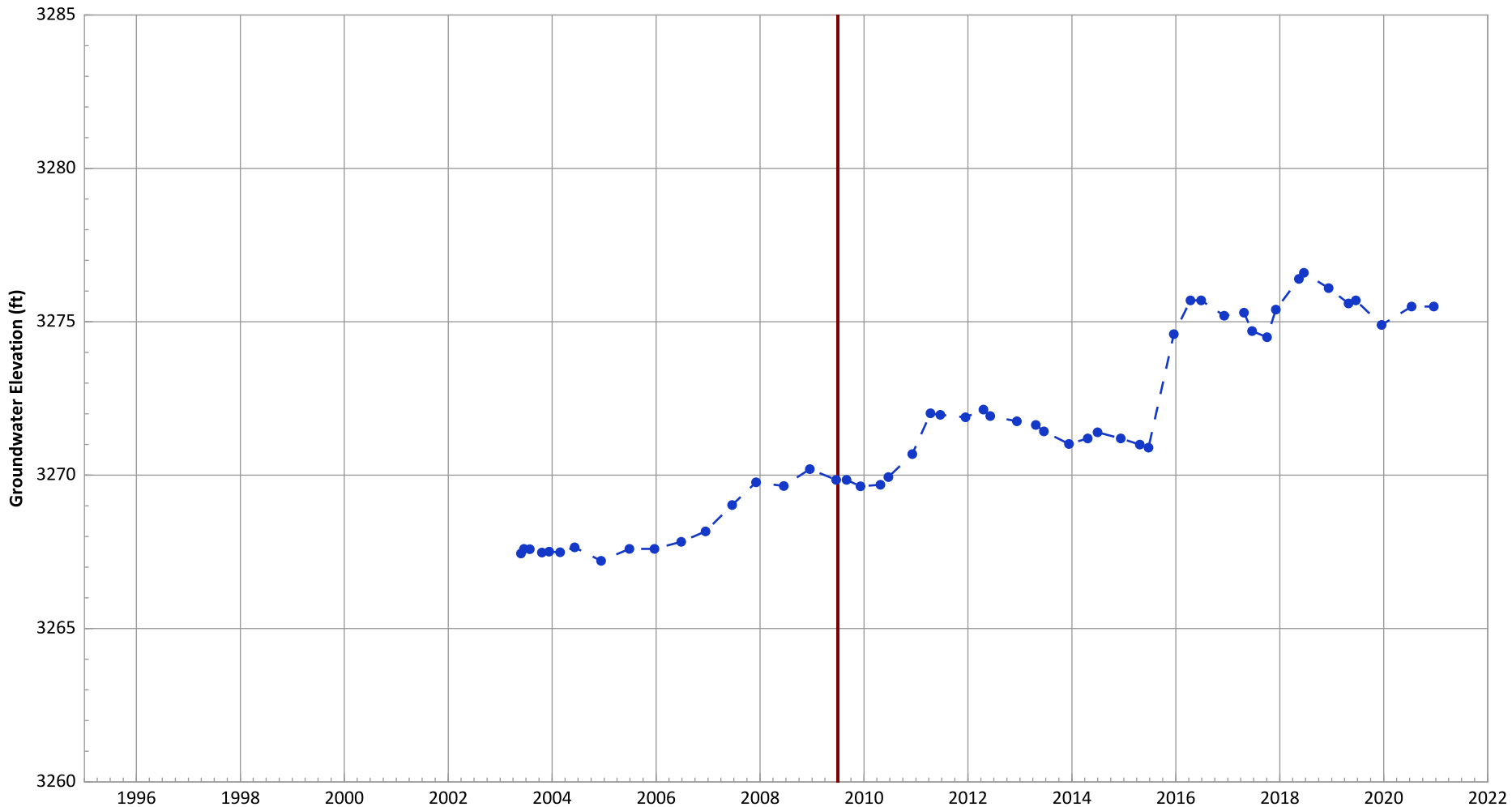
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 2.08 ft/yr
 Data (7/2009 - 1/2021): Increasing at 1.44 ft/yr

**PTX06-1085 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

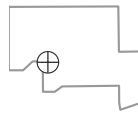


Notes:

1. Top of screen elevation is 3271.52 ft msl.
 2. The bottom of screen elevation is 3246.52 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

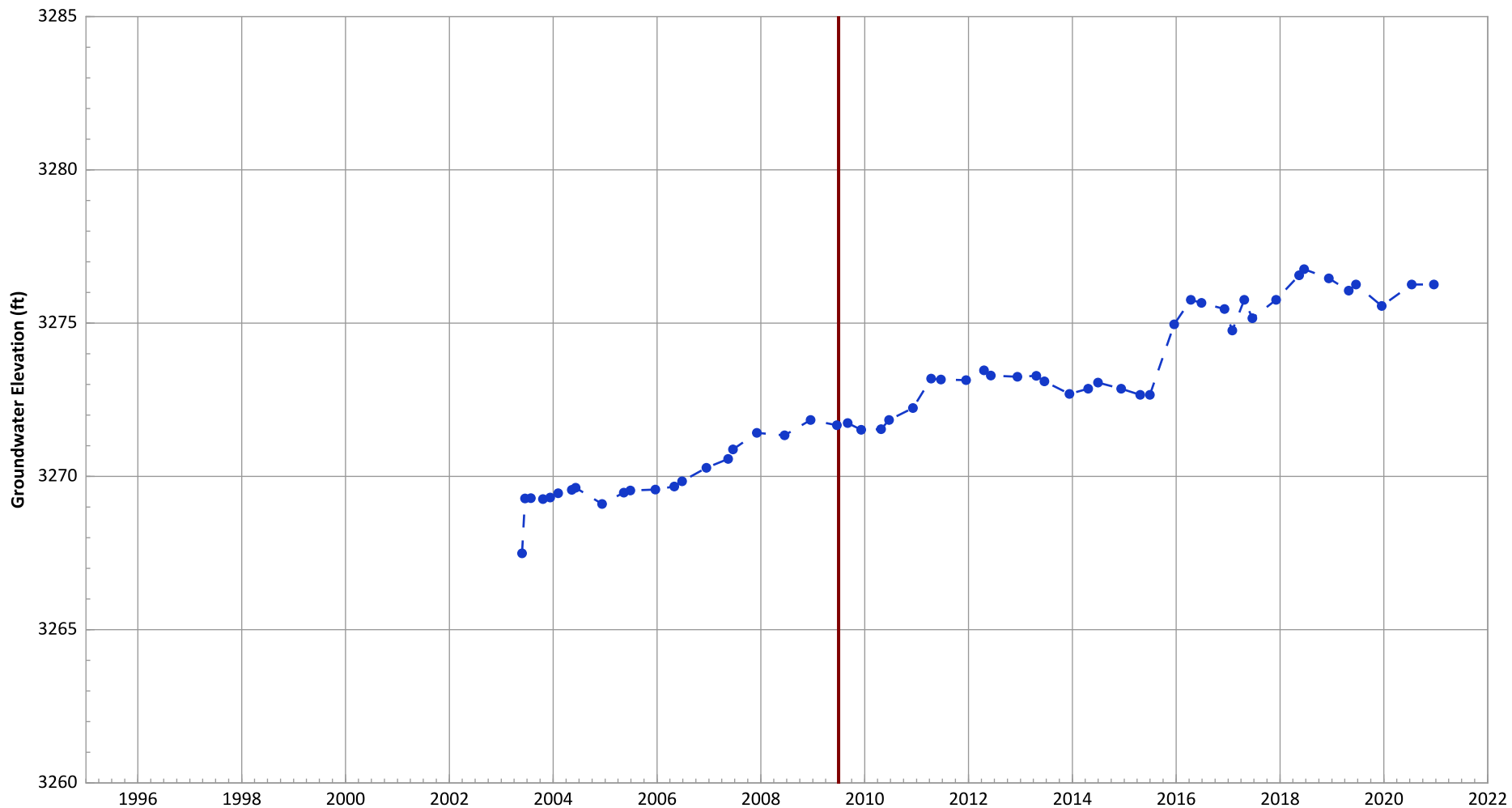
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Increasing at 0.61 ft/yr

**PTX06-1086 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

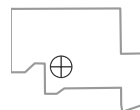


Notes:

1. Top of screen elevation is 3270.72 ft msl.
 2. The bottom of screen elevation is 3225.72 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

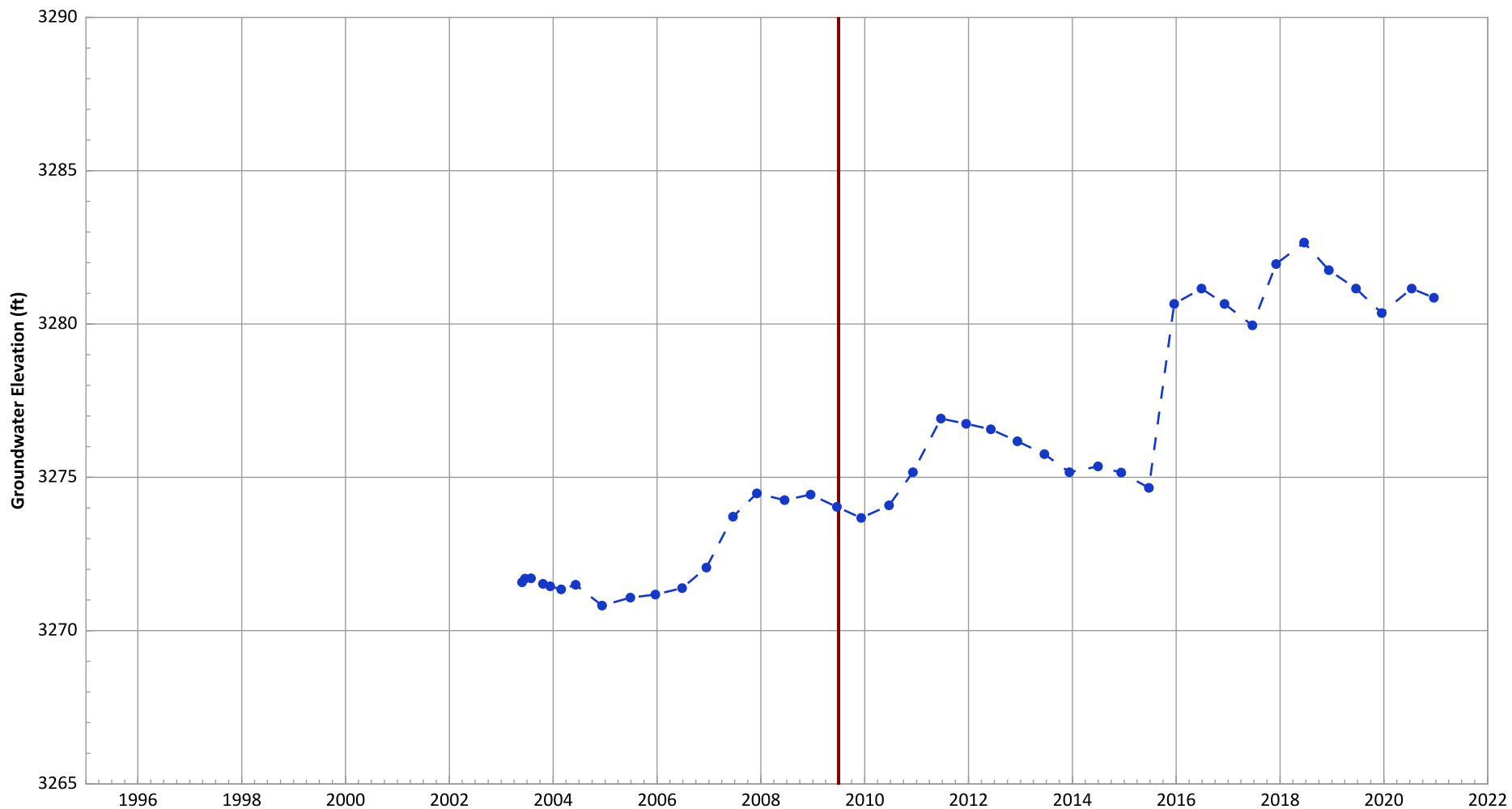
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.11 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.46 ft/yr

**PTX06-1087 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

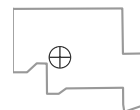


Notes:

1. Top of screen elevation is 3273.68 ft msl.
 2. The bottom of screen elevation is 3243.68 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

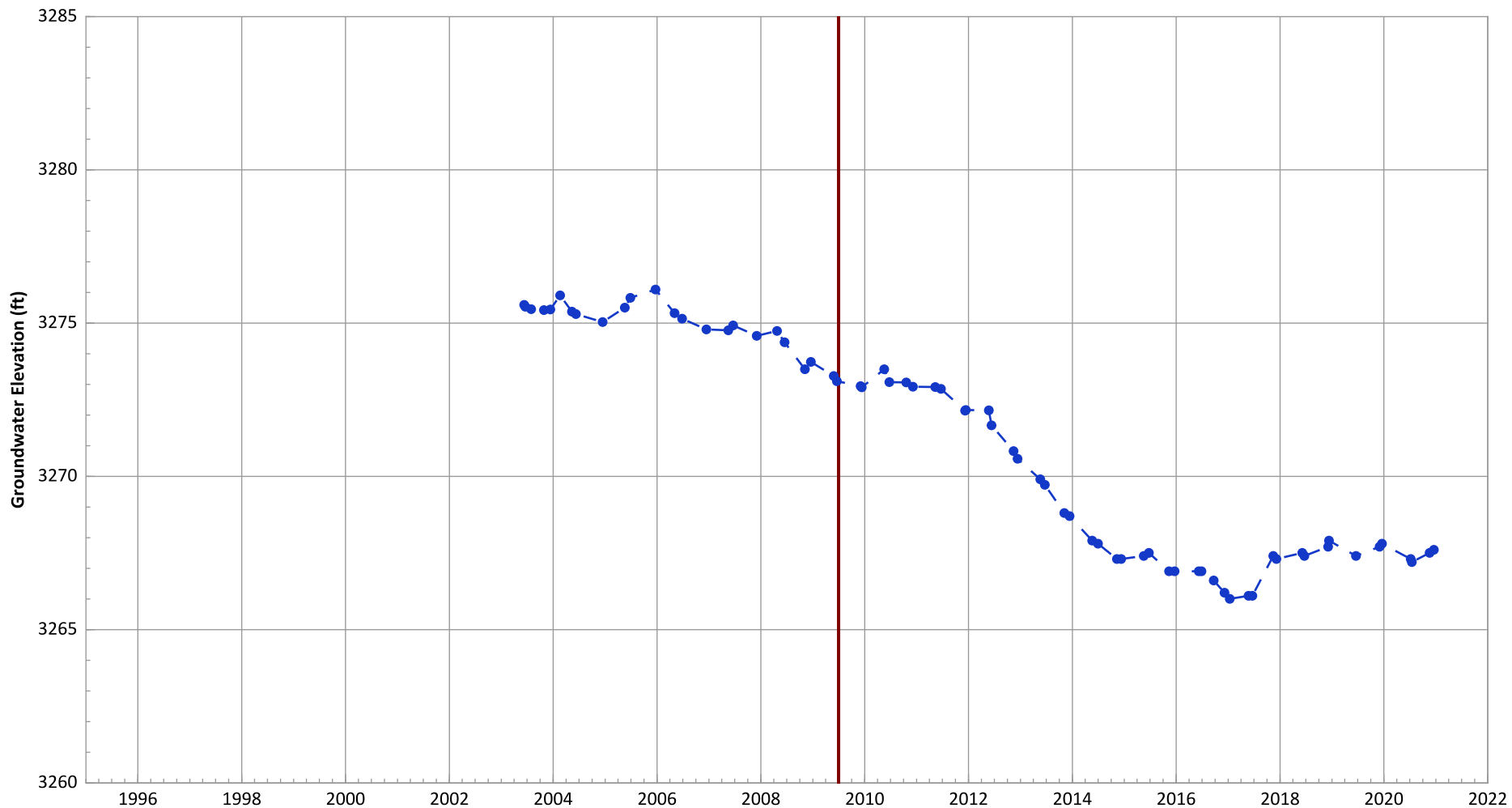
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Increasing at 0.75 ft/yr

PTX06-1088 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

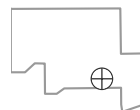


Notes:

1. Top of screen elevation is 3282.54 ft msl.
 2. The bottom of screen elevation is 3247.54 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

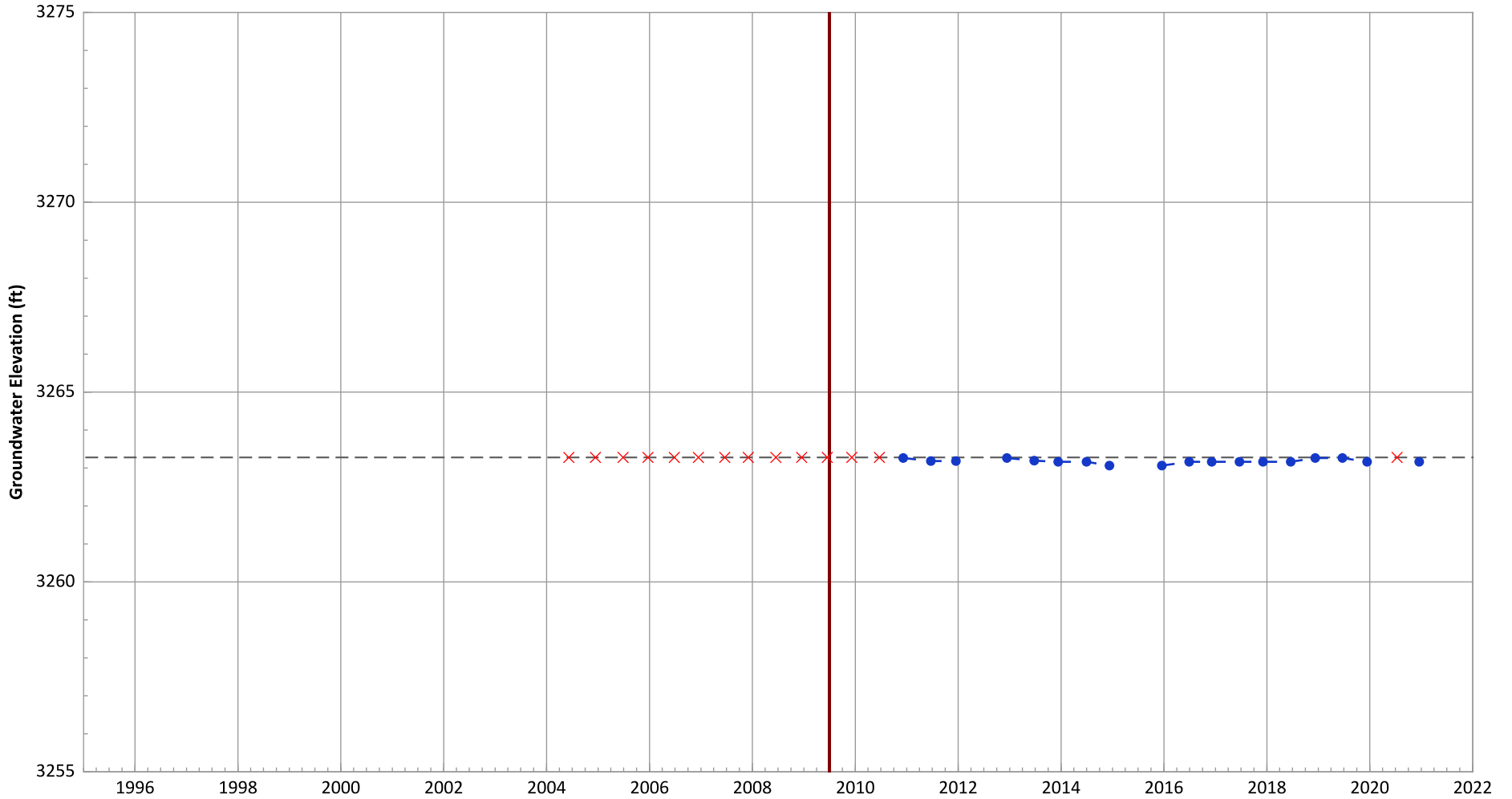
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): Decreasing at 0.62 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

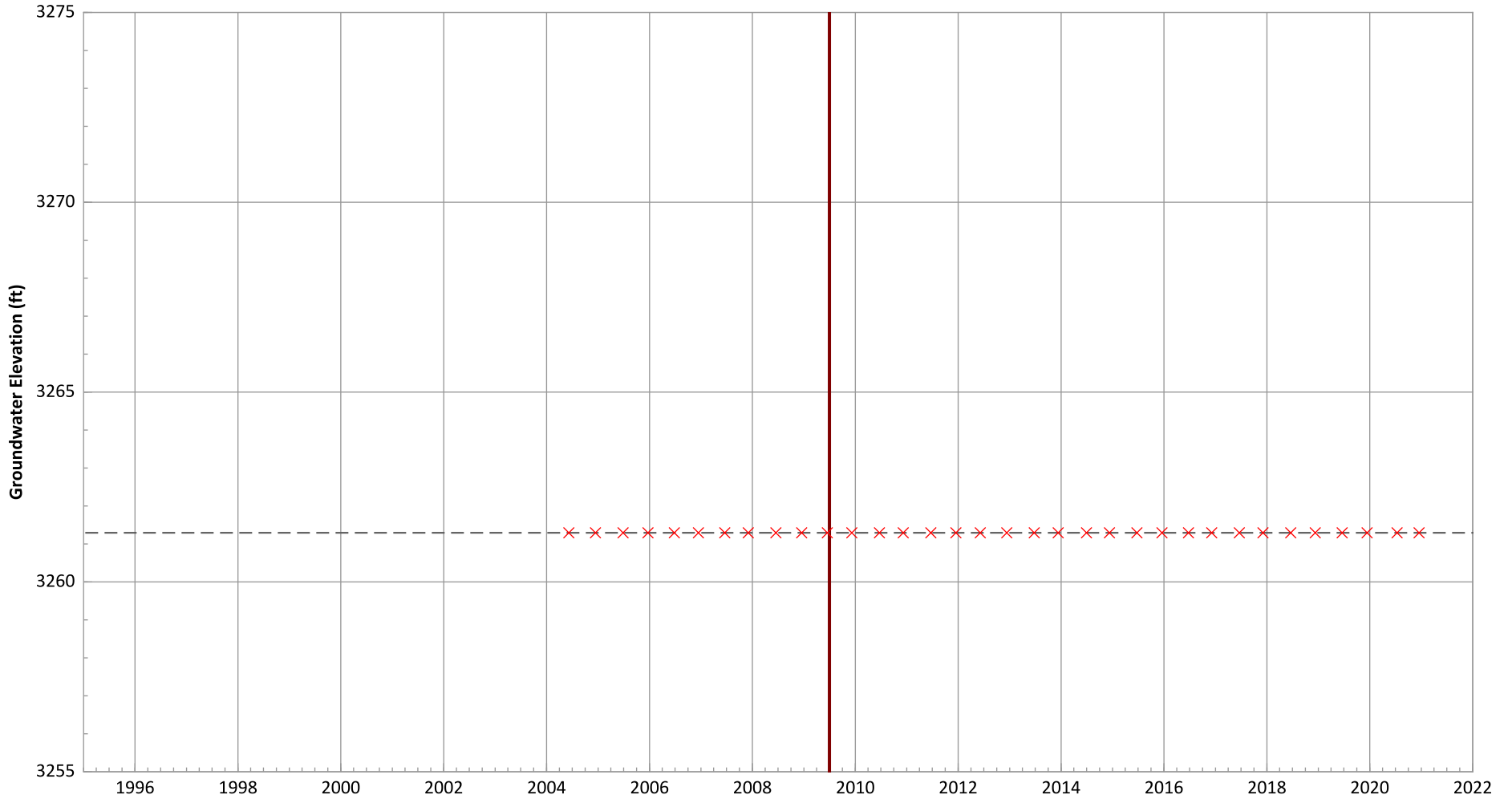
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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



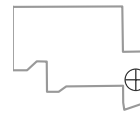
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

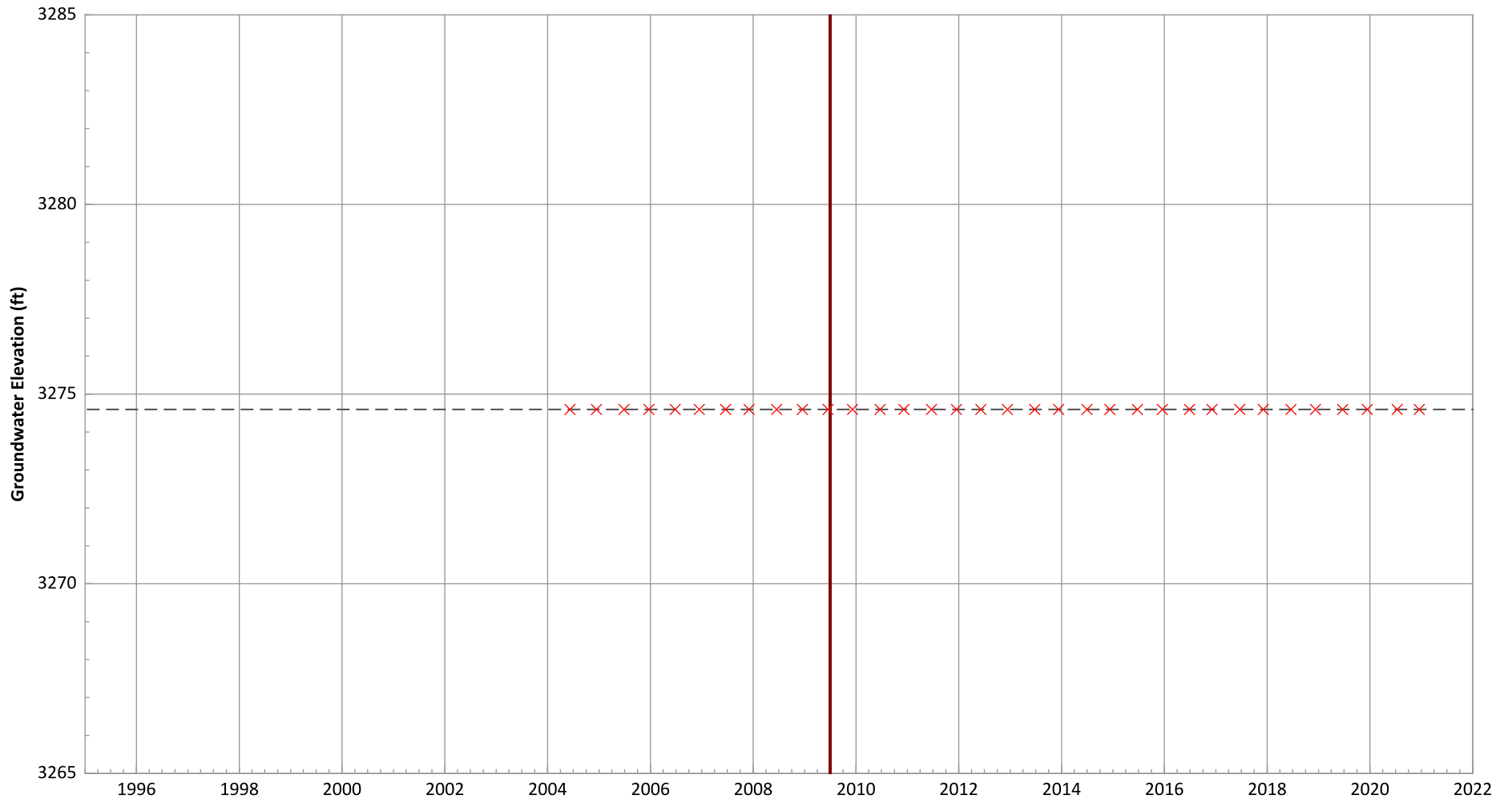
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX06-1093 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



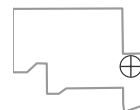
Notes:

1. Top of screen elevation is 3284.59 ft msl.
2. The bottom of screen elevation is 3274.59 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

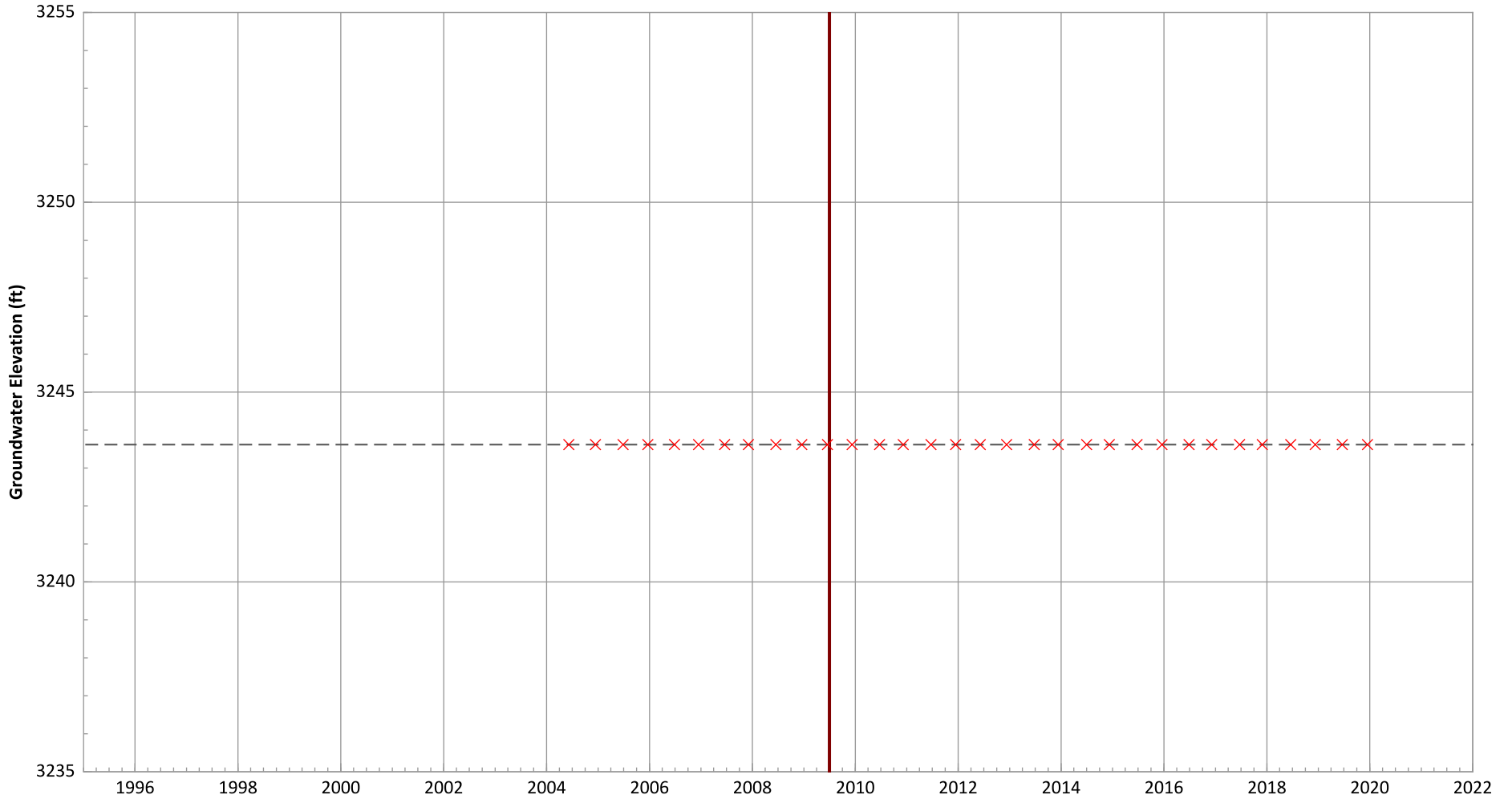
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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



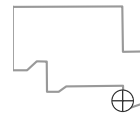
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

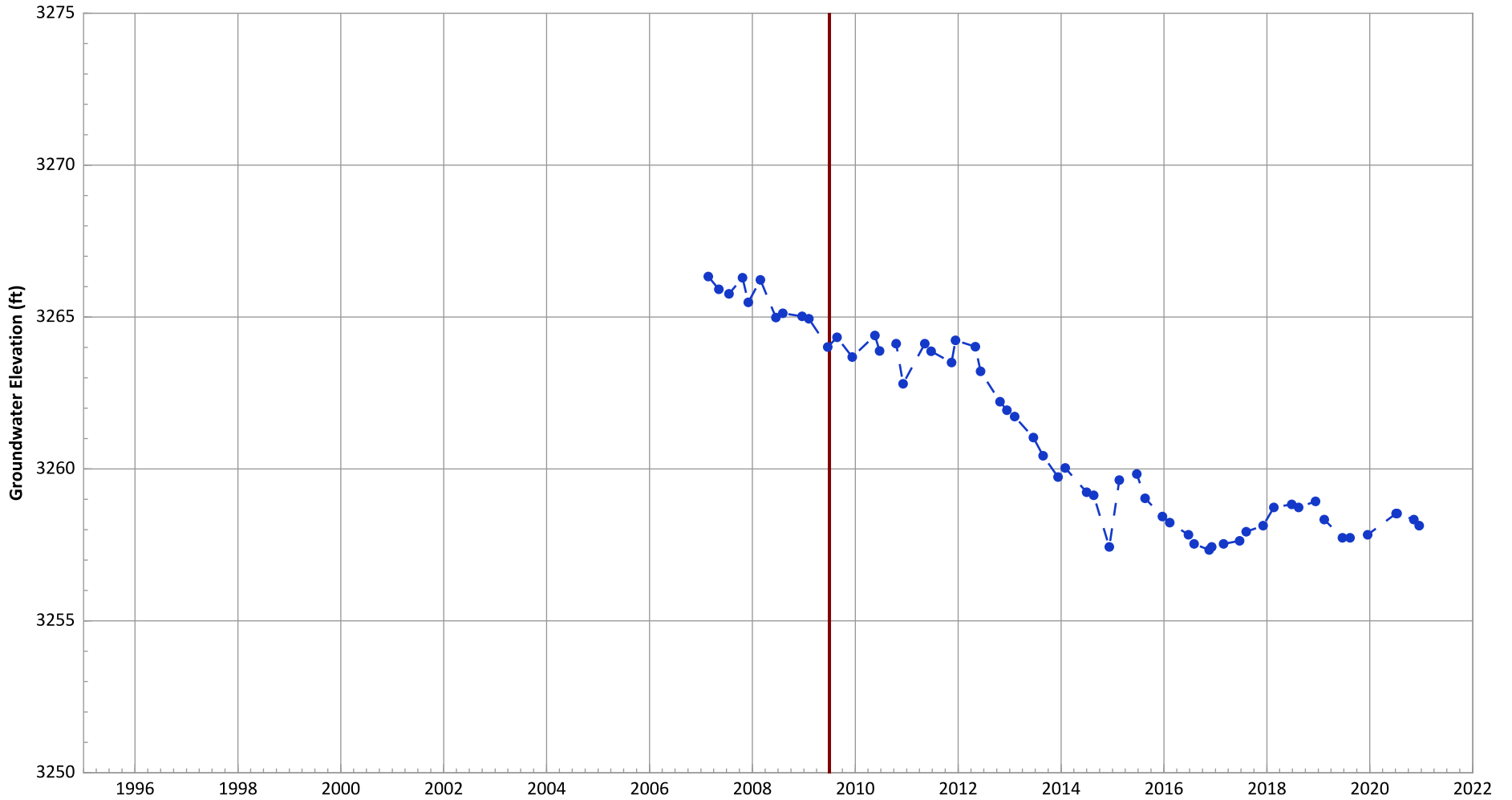
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX06-1095A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

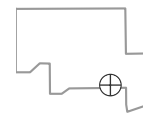


Notes:

1. Top of screen elevation is 3271.23 ft msl.
 2. The bottom of screen elevation is 3246.23 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

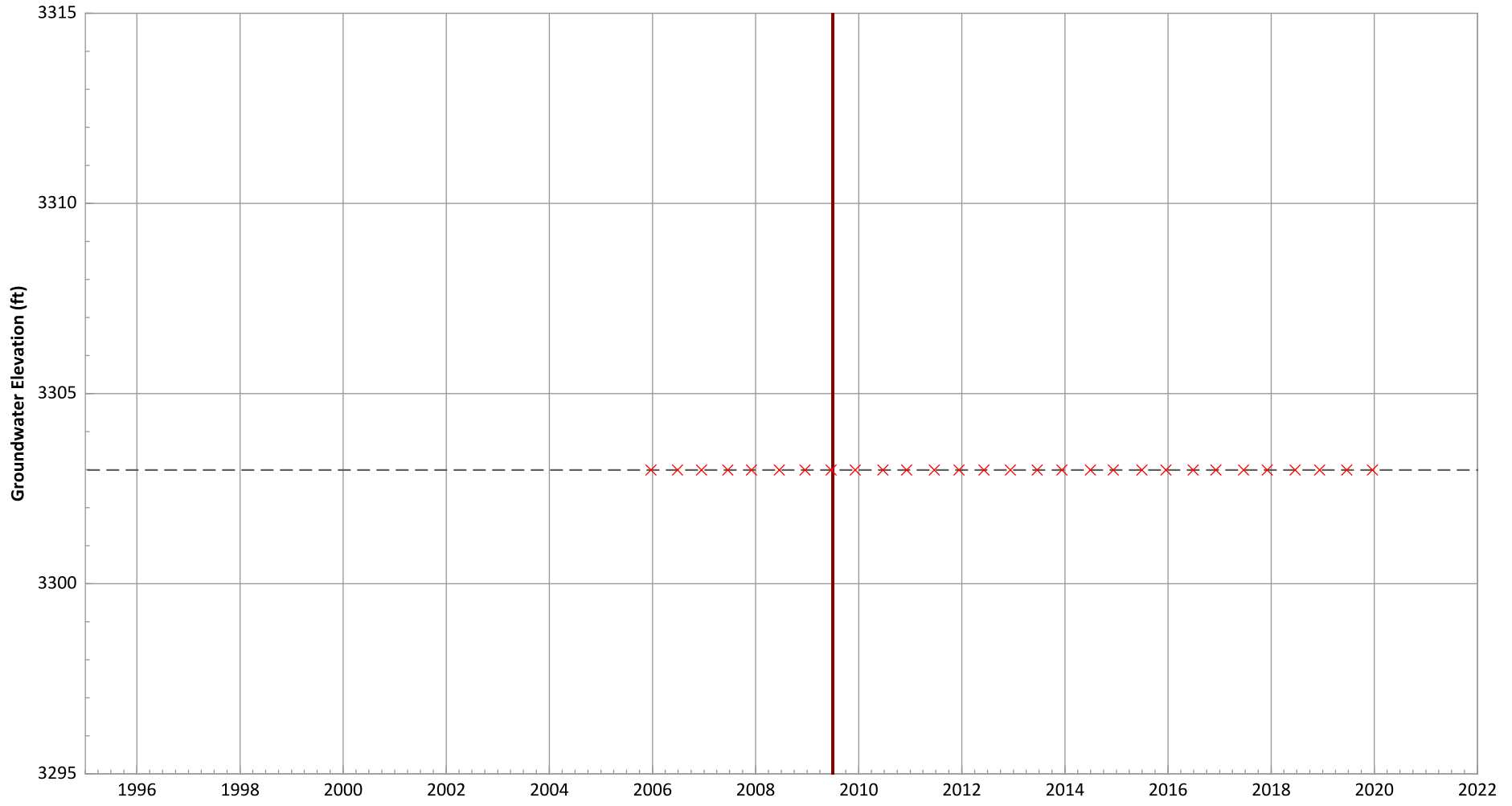
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.24 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.65 ft/yr

**PTX06-1096A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



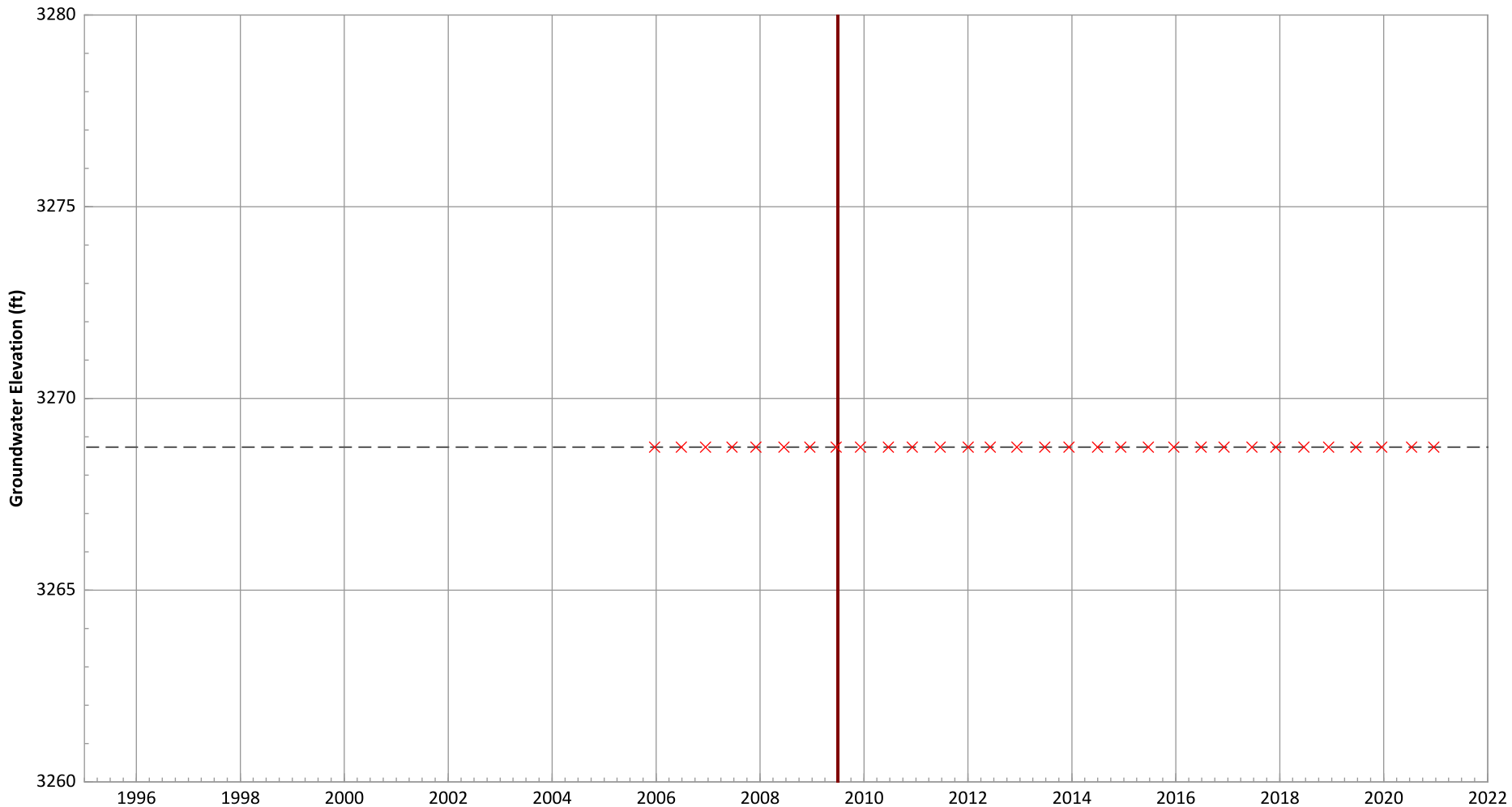
Notes:
 1. Top of screen elevation is 3317.99 ft msl.
 2. The bottom of screen elevation is 3302.99 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

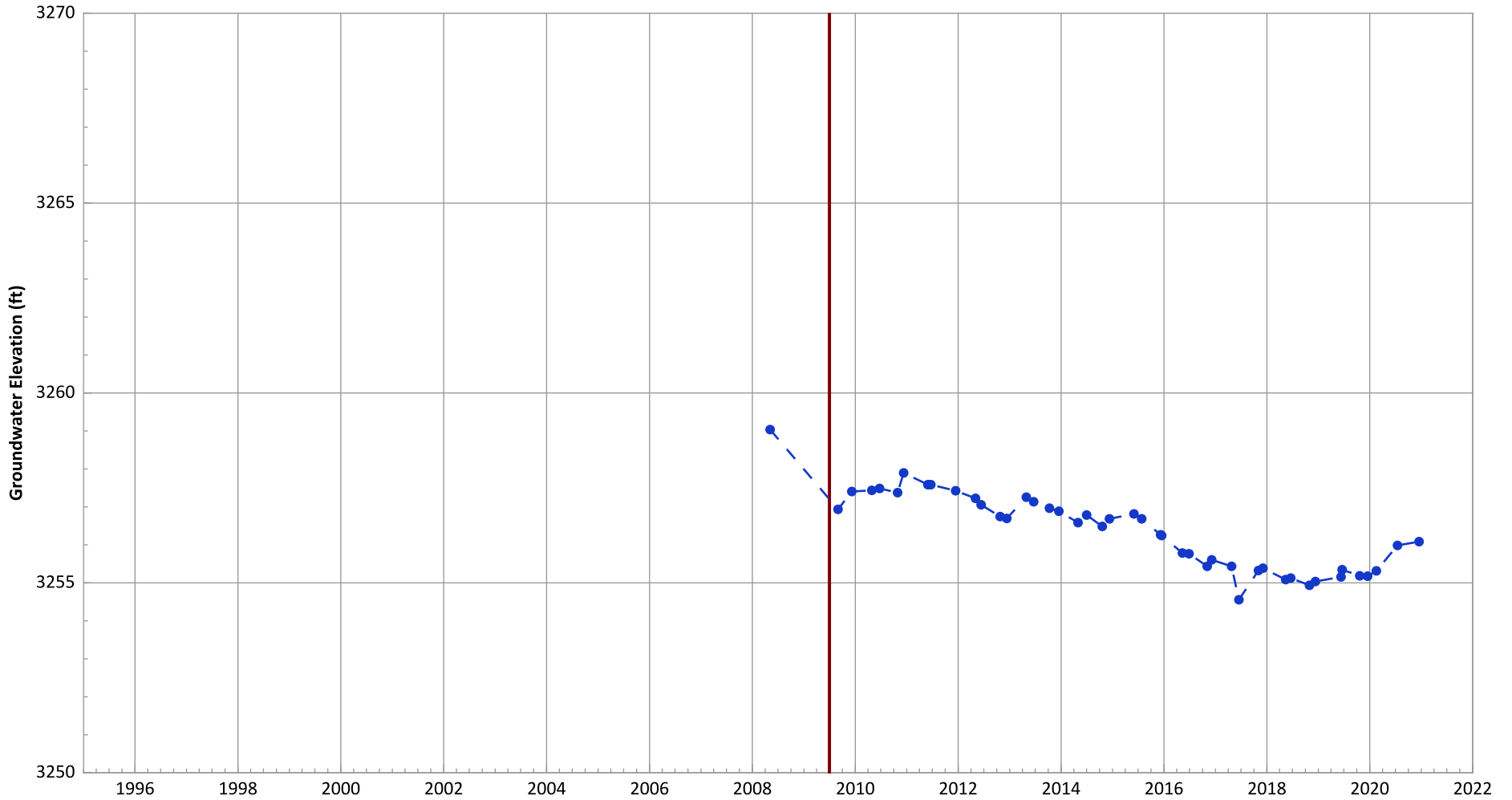
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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

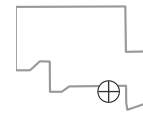


Notes:

1. Top of screen elevation is 3276.74 ft msl.
 2. The bottom of screen elevation is 3241.74 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

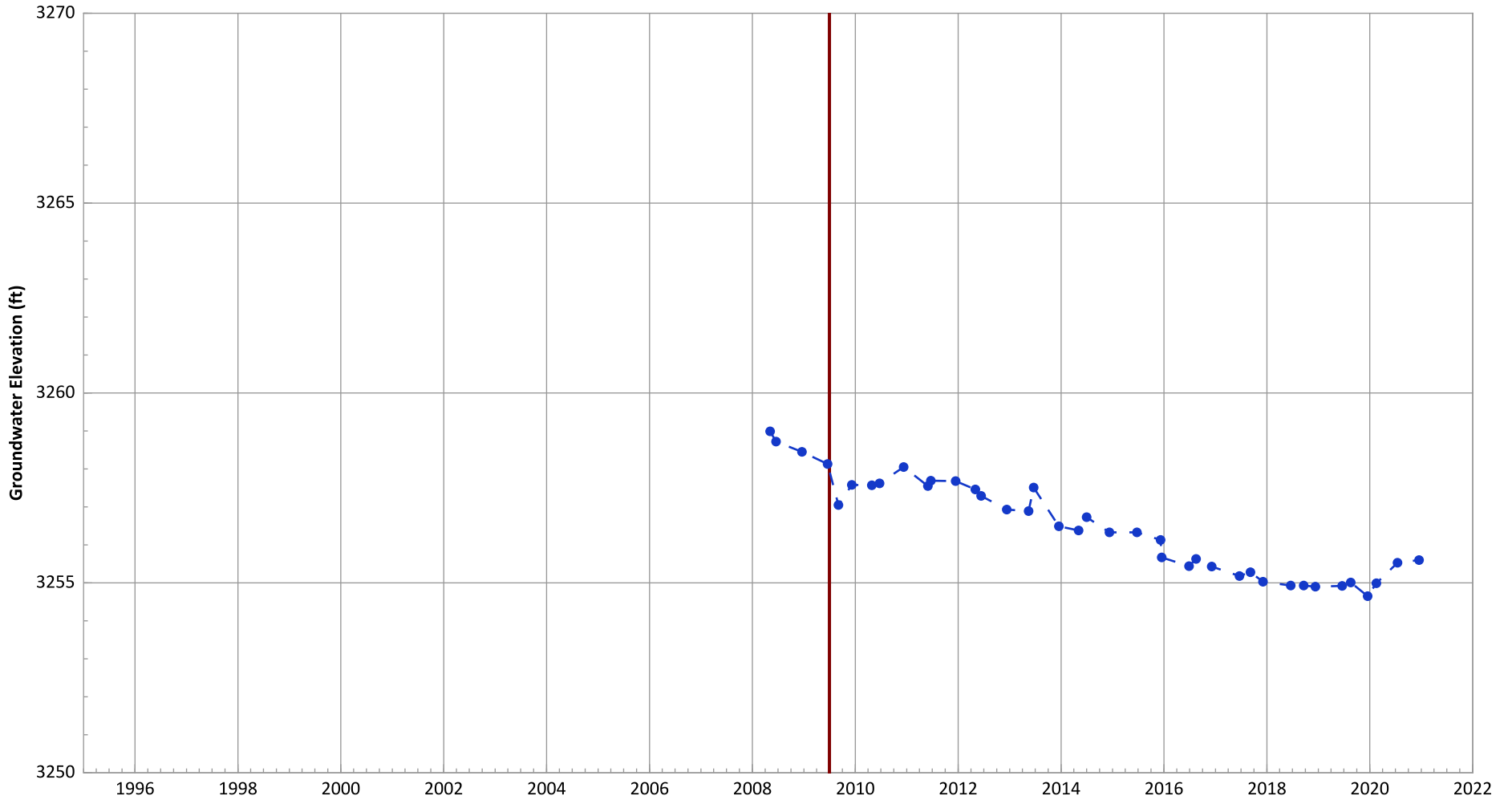
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.63 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.25 ft/yr

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



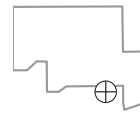
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

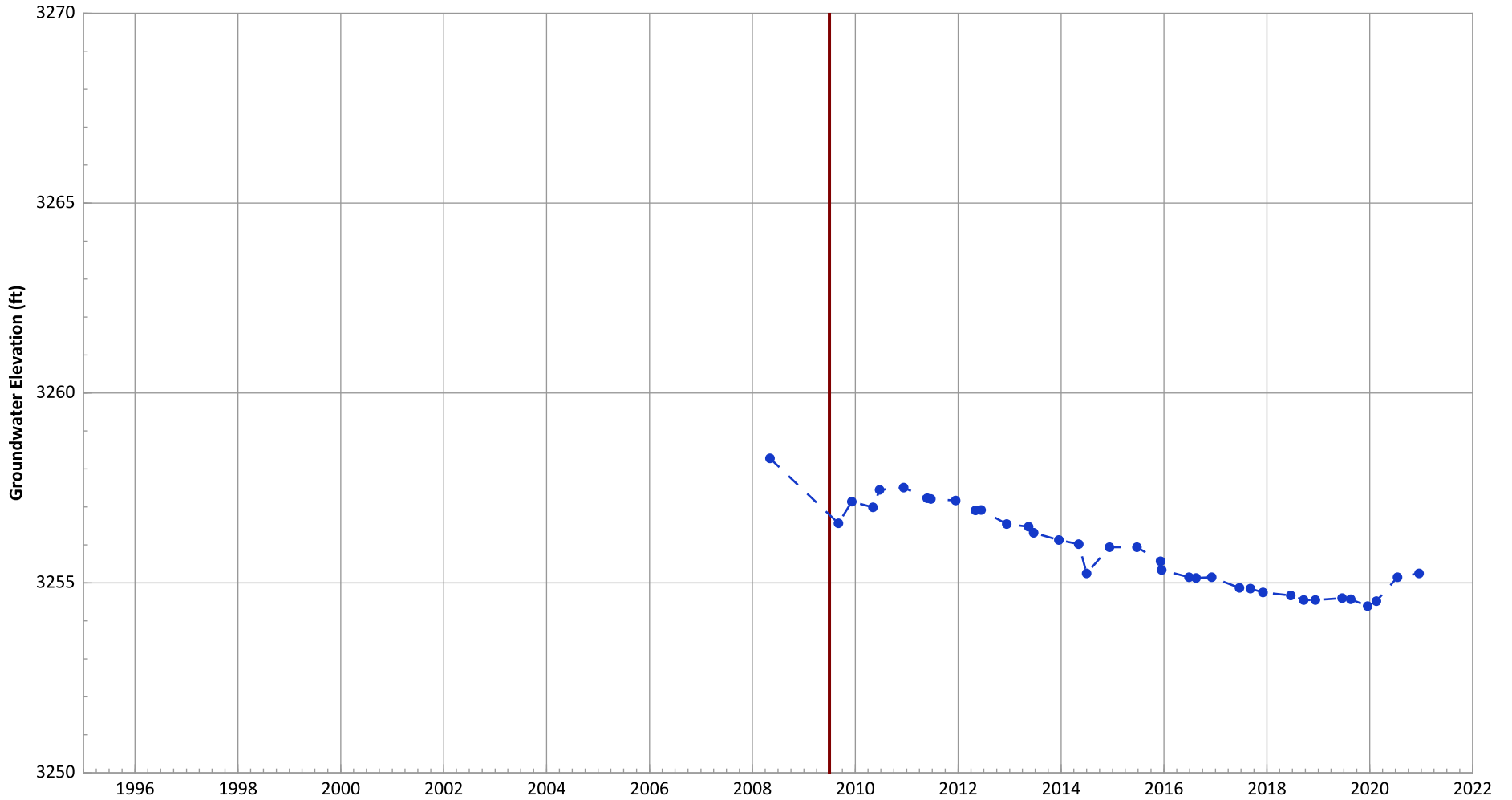
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.53 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.29 ft/yr

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

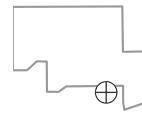


Notes:

1. Top of screen elevation is 3258.8 ft msl.
 2. The bottom of screen elevation is 3243.8 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

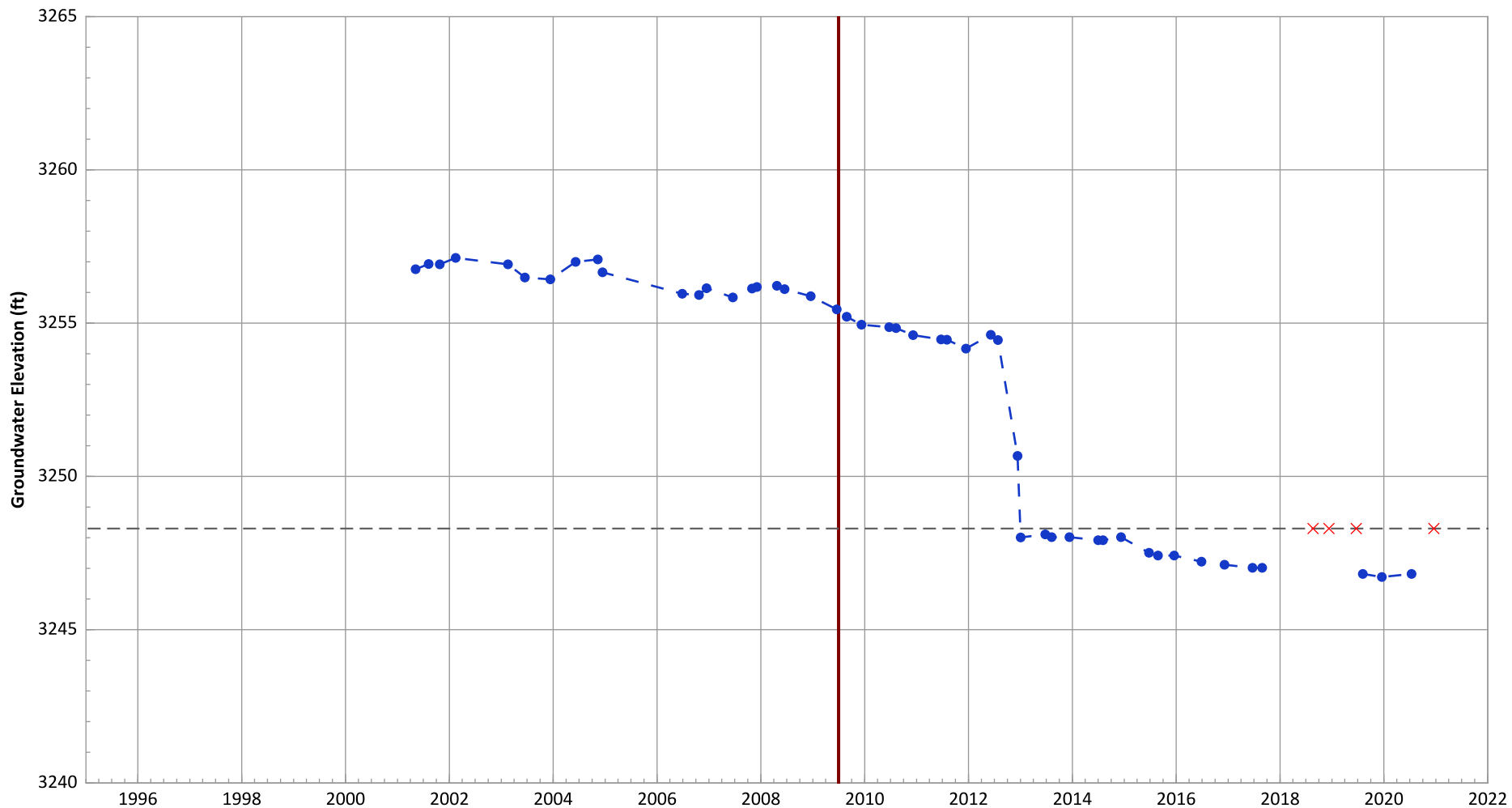
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.53 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.28 ft/yr

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

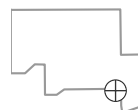


Notes:

1. Top of screen elevation is 3288.3 ft msl.
 2. The bottom of screen elevation is 3248.3 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

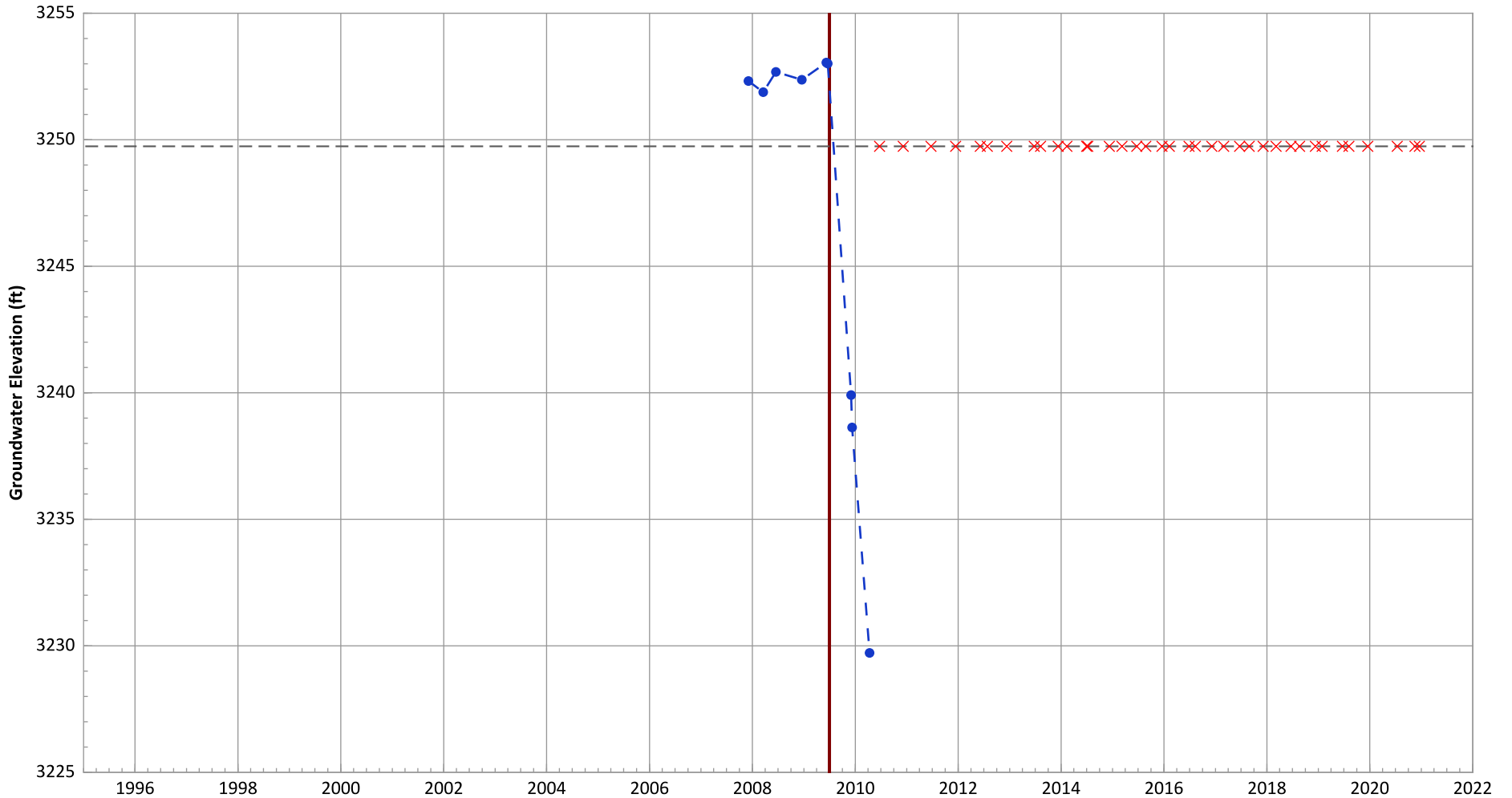
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.96 ft/yr

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



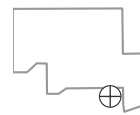
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

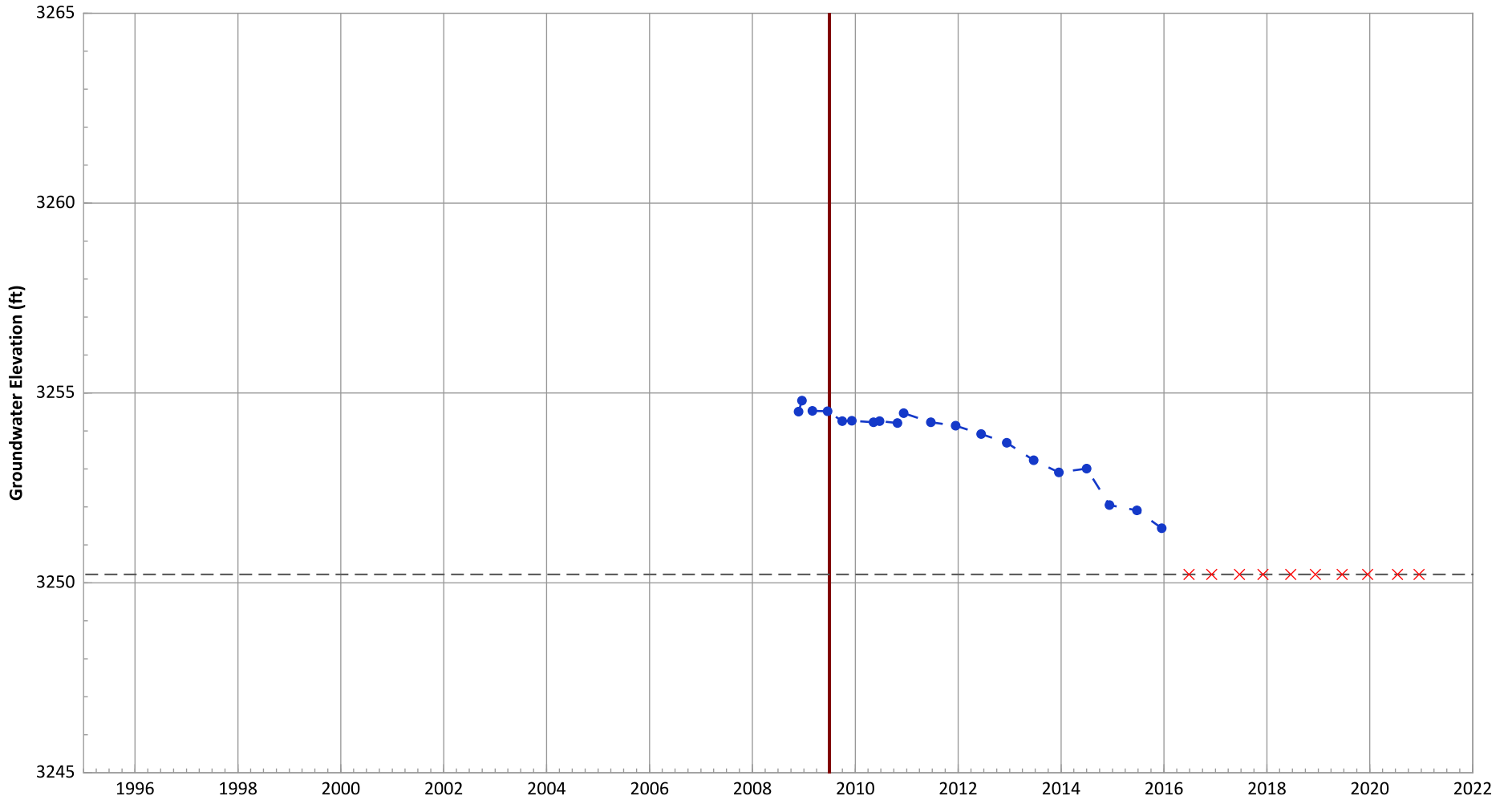
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 27.43 ft/yr

**PTX06-1104 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



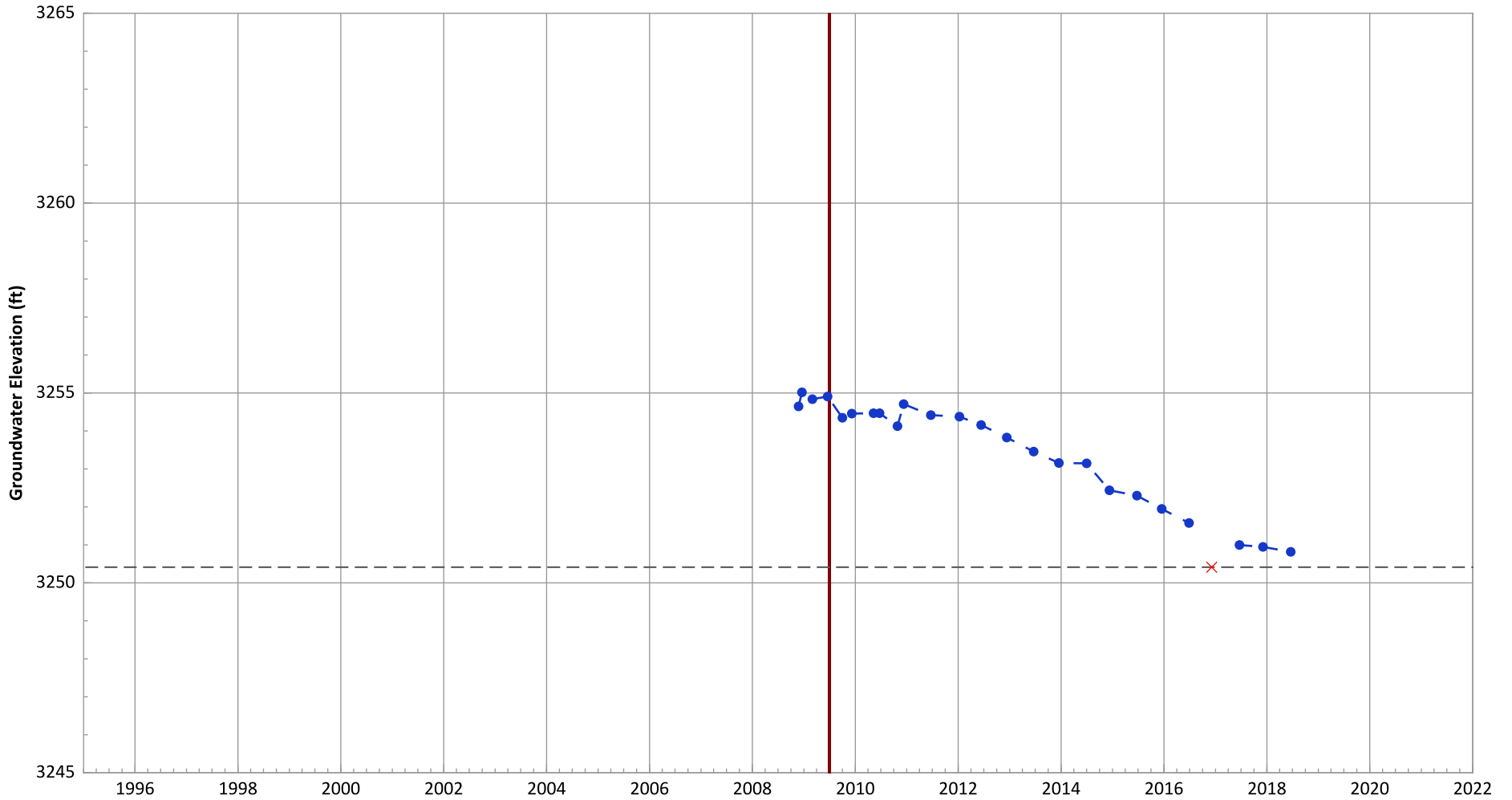
Notes:
 1. Top of screen elevation is 3265.22 ft msl.
 2. The bottom of screen elevation is 3250.22 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.45 ft/yr

**PTX06-1105 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



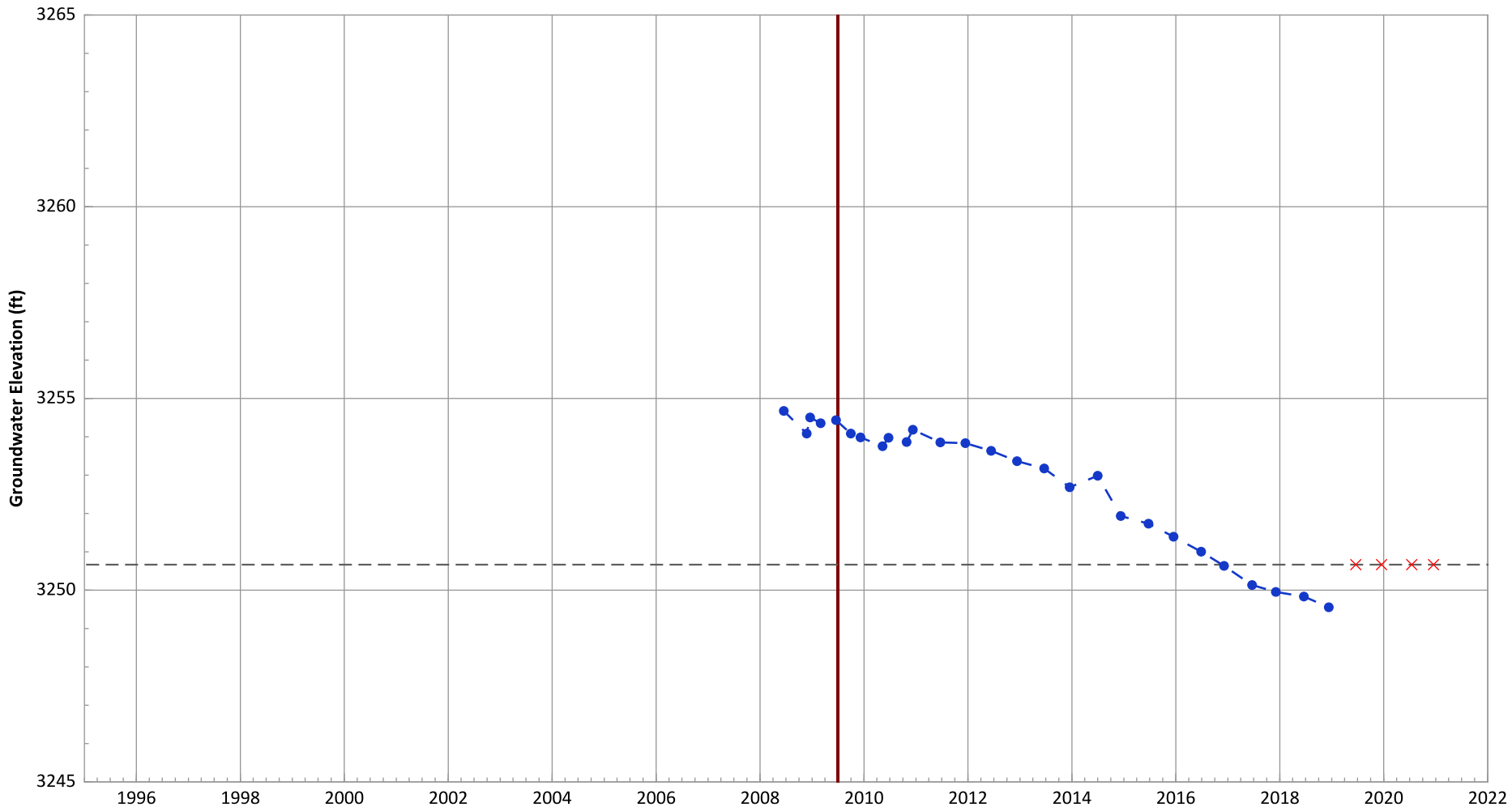
Notes:
 1. Top of screen elevation is 3265.41 ft msl.
 2. The bottom of screen elevation is 3250.41 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.47 ft/yr

**PTX06-1106 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



Notes:

1. Top of screen elevation is 3265.67 ft msl.
 2. The bottom of screen elevation is 3250.67 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action

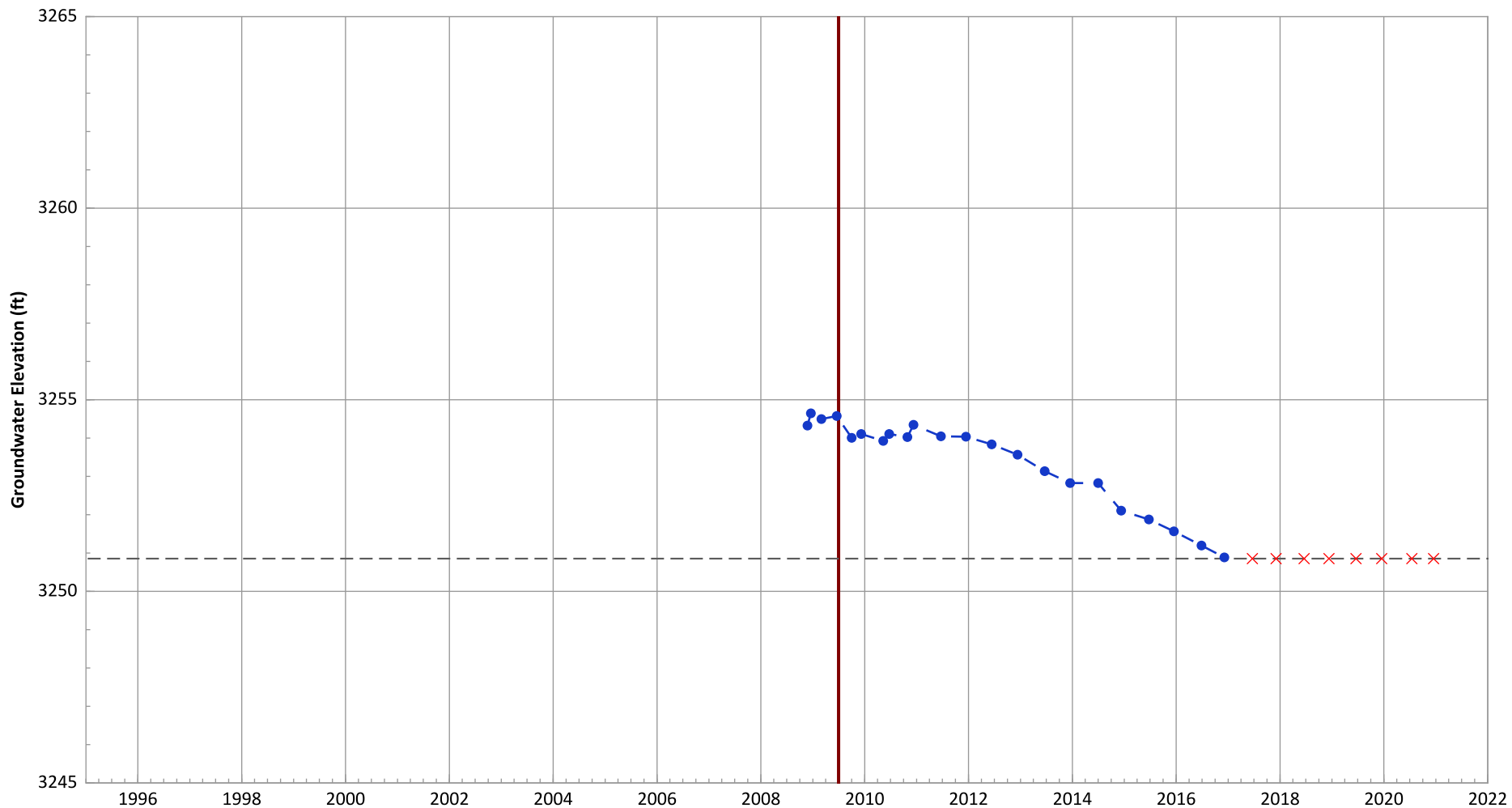
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.53 ft/yr

**PTX06-1107 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



Notes:

1. Top of screen elevation is 3262.85 ft msl.
 2. The bottom of screen elevation is 3250.85 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action

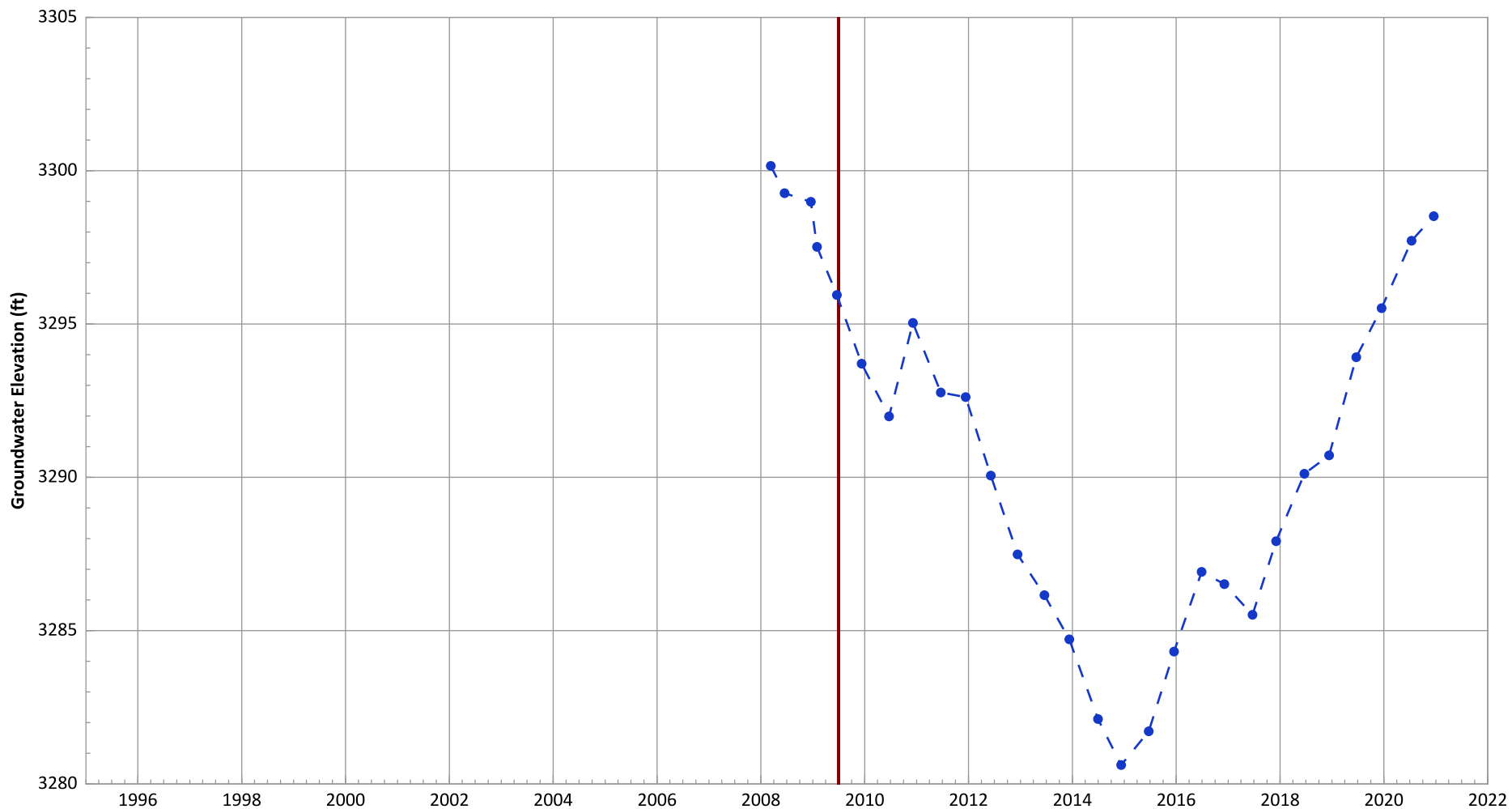
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.46 ft/yr

**PTX06-1109 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

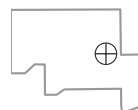


Notes:

1. Top of screen elevation is 3268.25 ft msl.
 2. The bottom of screen elevation is 3258.25 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

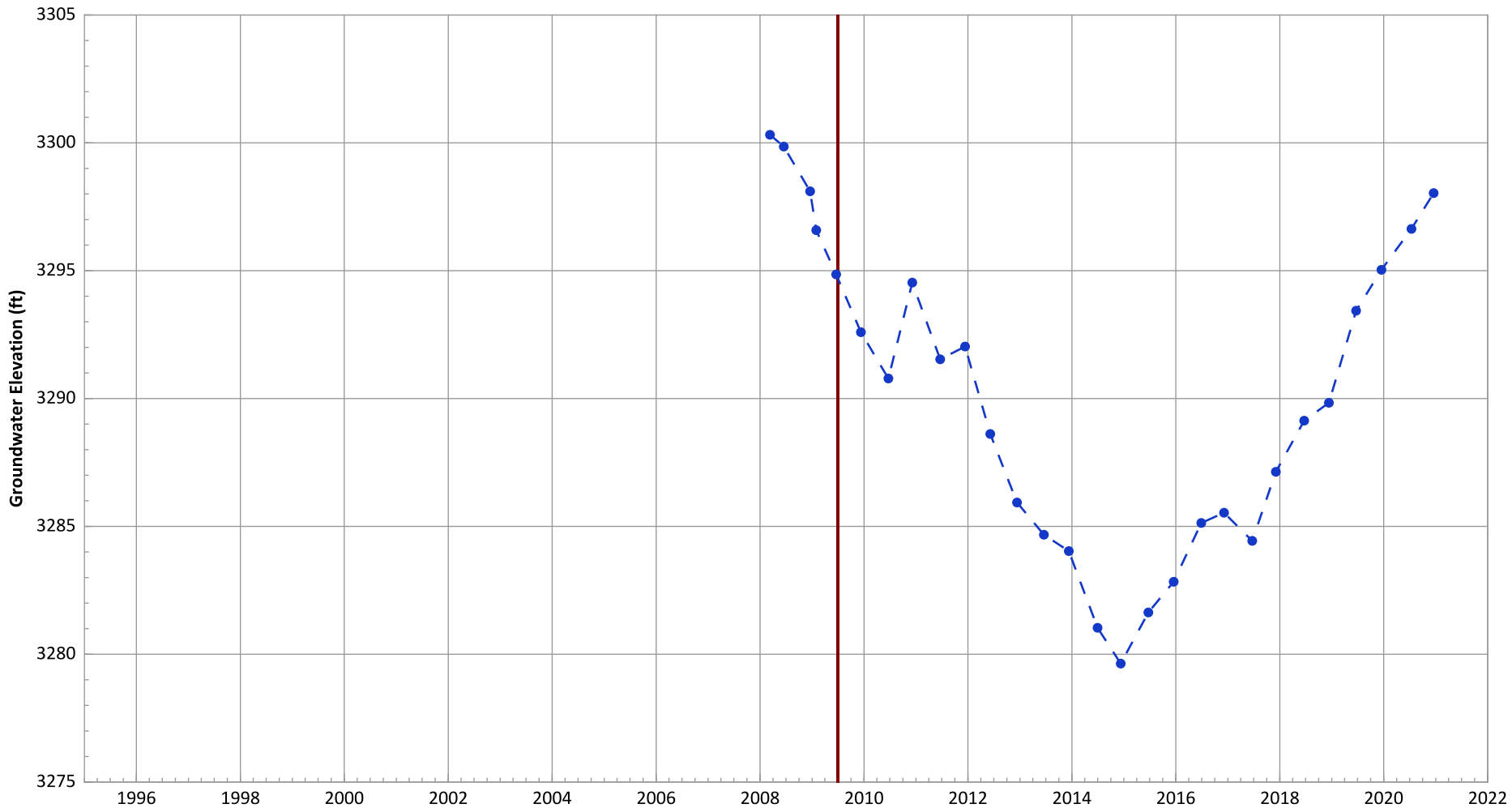
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 3.18 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.25 ft/yr

**PTX06-1110 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

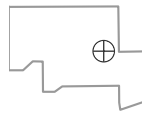


Notes:

1. Top of screen elevation is 3268.51 ft msl.
 2. The bottom of screen elevation is 3258.51 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

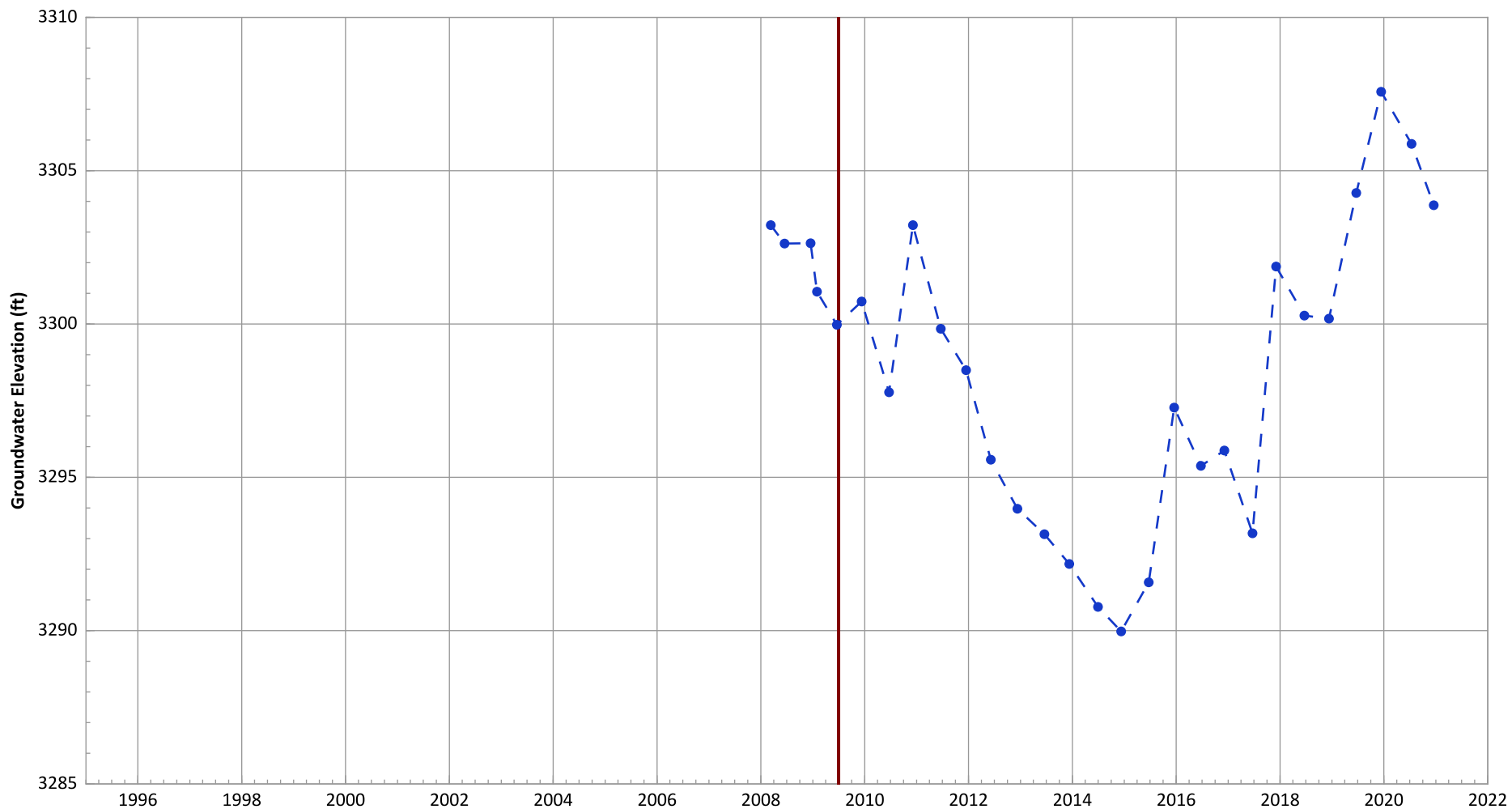
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 3.04 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.29 ft/yr

**PTX06-1112 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

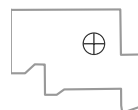


Notes:

1. Top of screen elevation is 3278.44 ft msl.
 2. The bottom of screen elevation is 3268.44 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

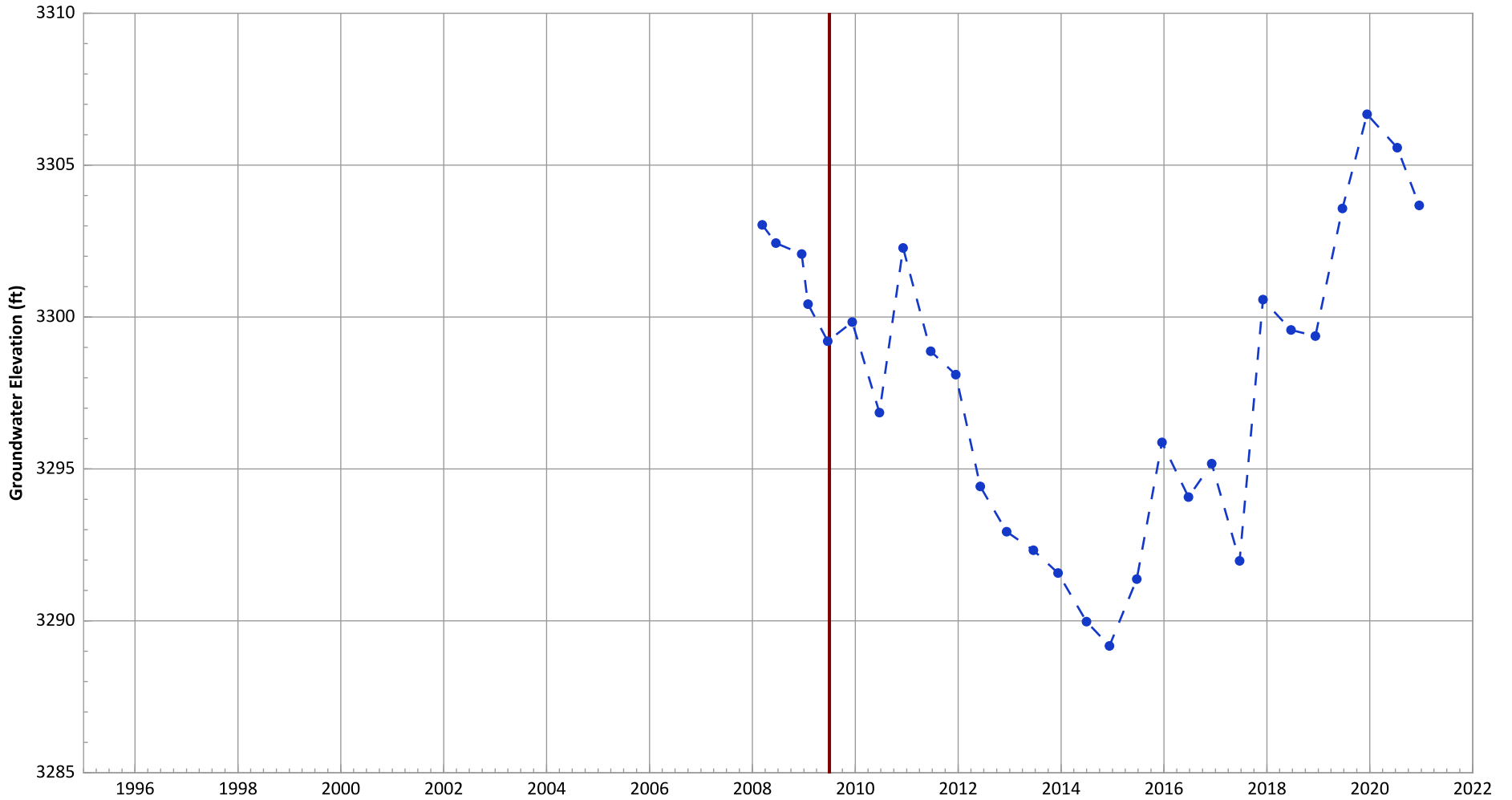
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.57 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.59 ft/yr

**PTX06-1113 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

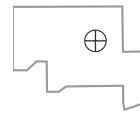


Notes:

1. Top of screen elevation is 3278.58 ft msl.
 2. The bottom of screen elevation is 3268.58 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

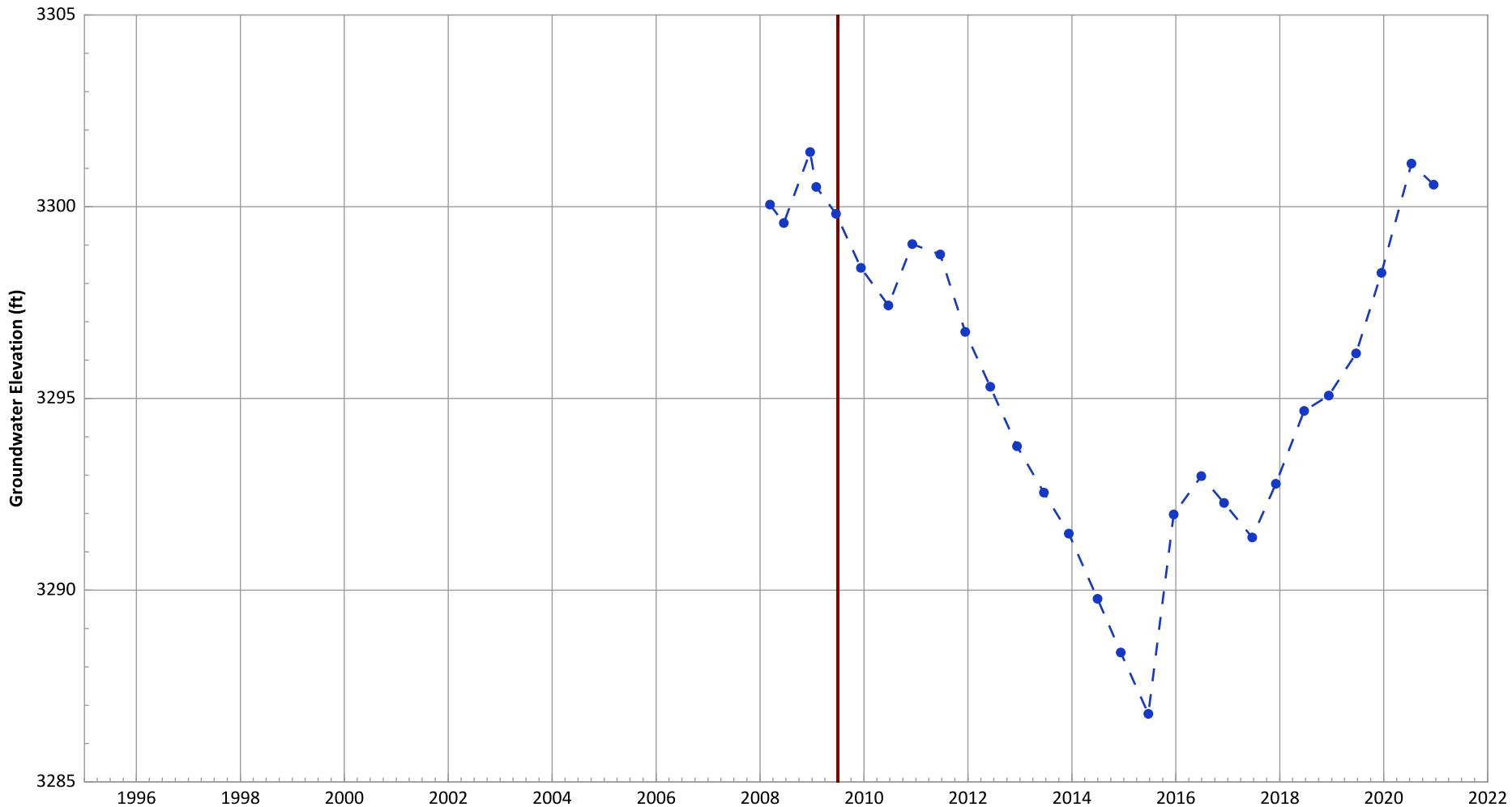
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.14 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.61 ft/yr

**PTX06-1115 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

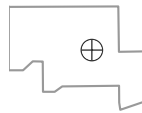


Notes:

1. Top of screen elevation is 3273.18 ft msl.
 2. The bottom of screen elevation is 3263.18 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

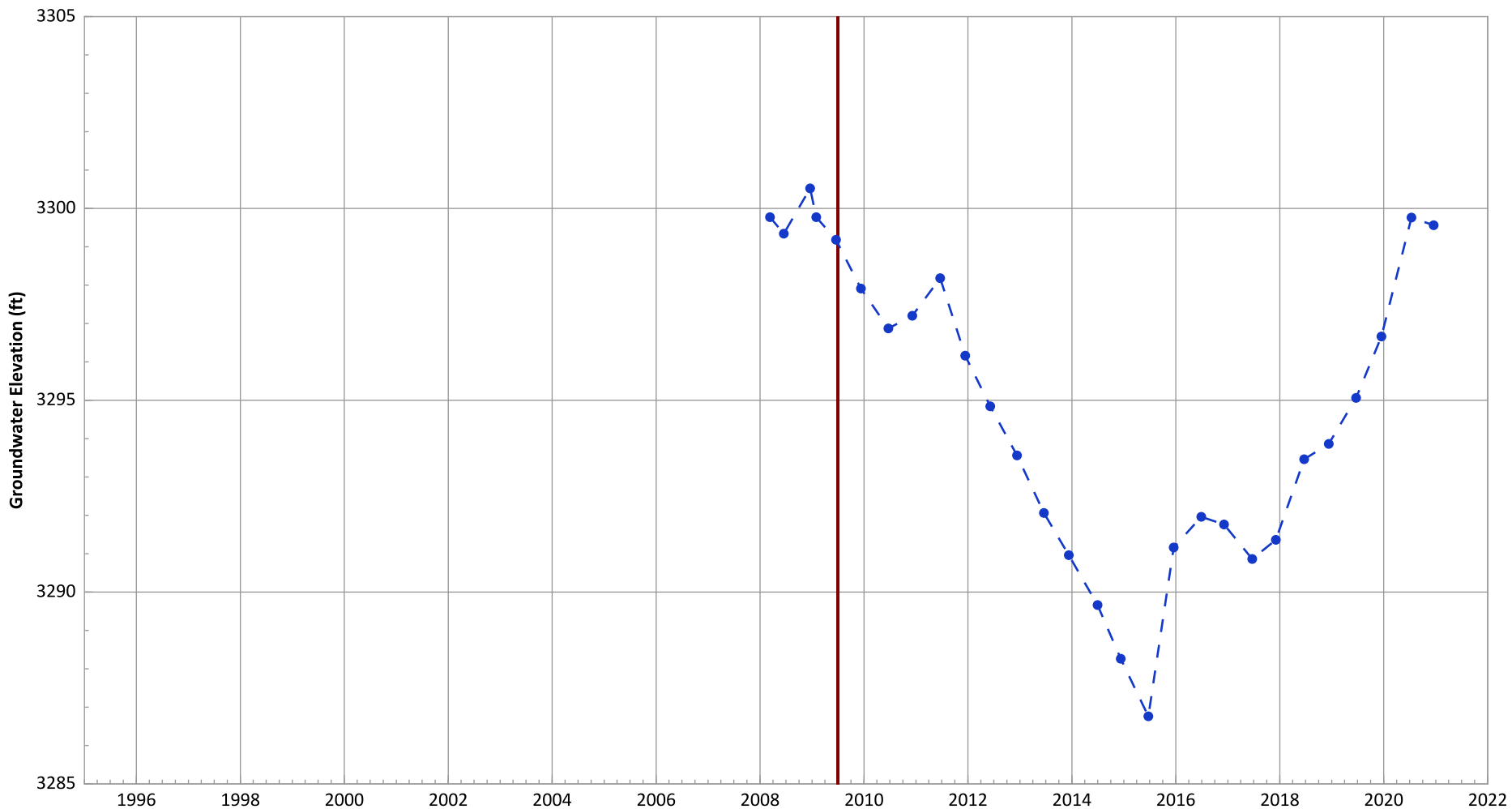
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 3.23 ft/yr
Data (7/2009 - 1/2021): No Trend

**PTX06-1116 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

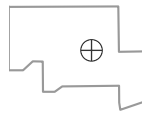


Notes:

1. Top of screen elevation is 3278.26 ft msl.
 2. The bottom of screen elevation is 3268.26 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

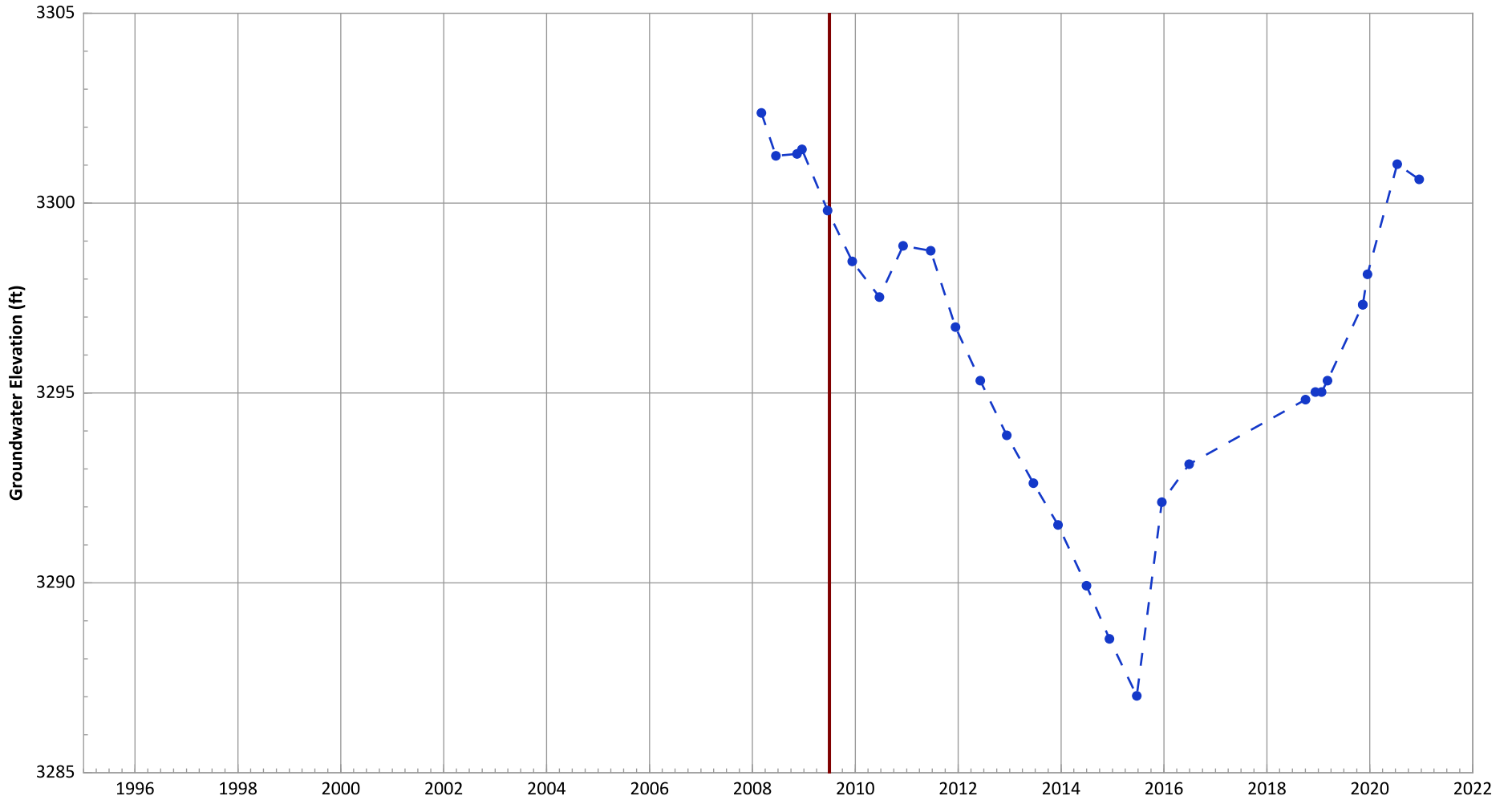
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 3.34 ft/yr
 Data (7/2009 - 1/2021): No Trend

**PTX06-1117 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

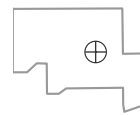


Notes:

1. Top of screen elevation is 3317.97 ft msl.
 2. The bottom of screen elevation is 3267.97 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

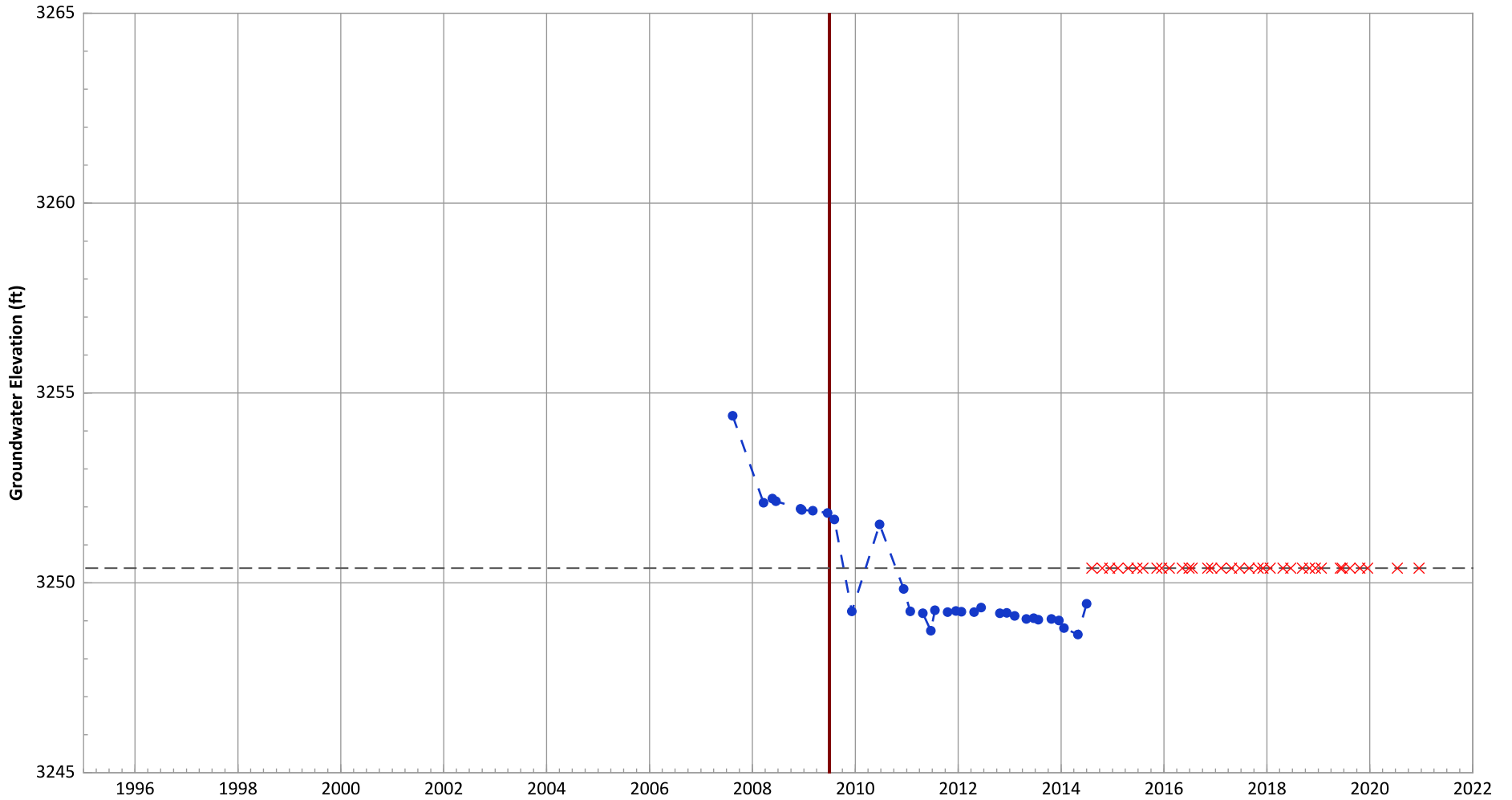
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 3.34 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.14 ft/yr

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



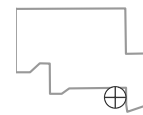
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action

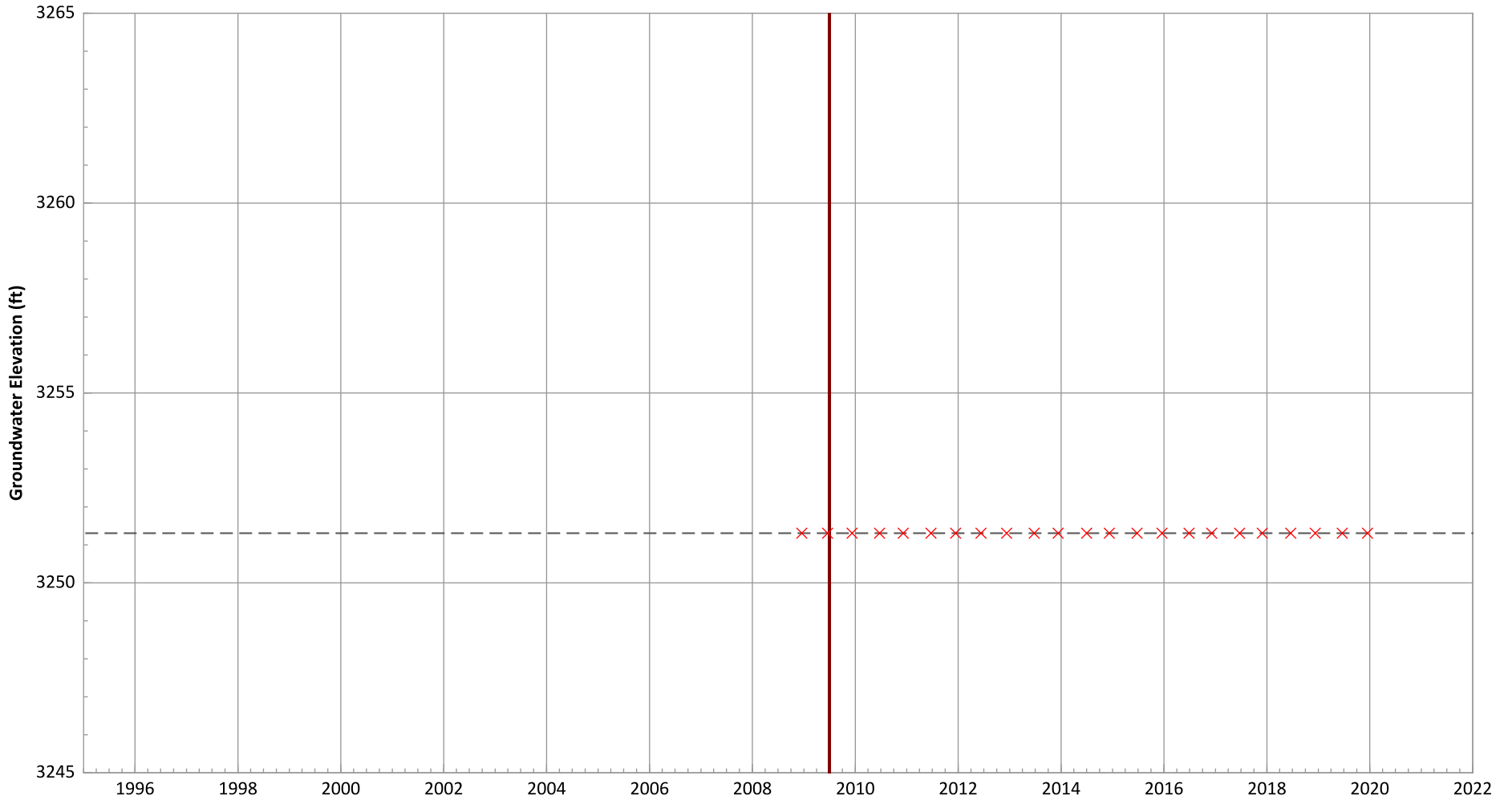
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.32 ft/yr

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



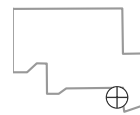
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

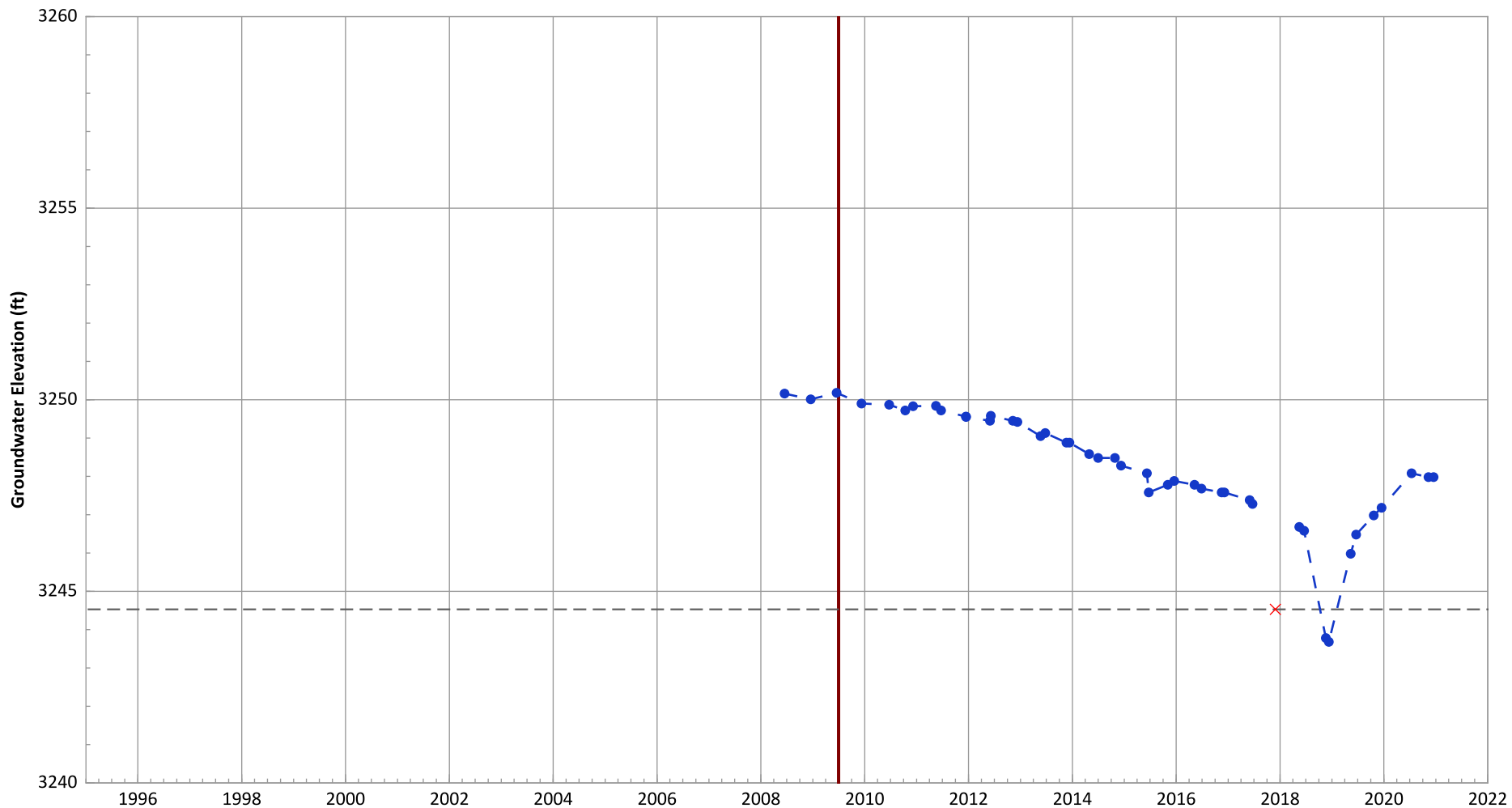
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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

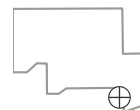


Notes:

1. Top of screen elevation is 3259.53 ft msl.
 2. The bottom of screen elevation is 3244.53 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

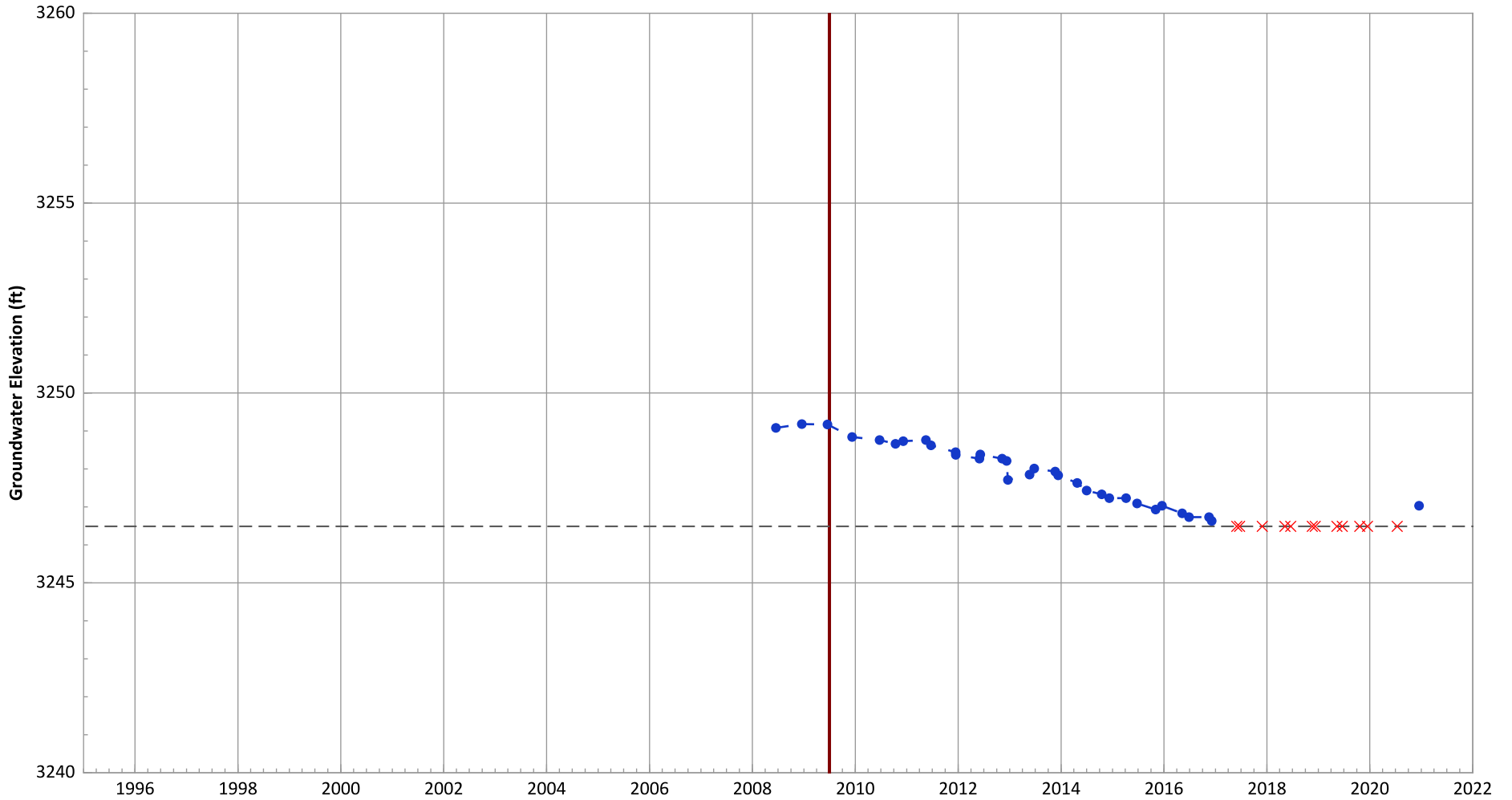
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.2 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.36 ft/yr

**PTX06-1121 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



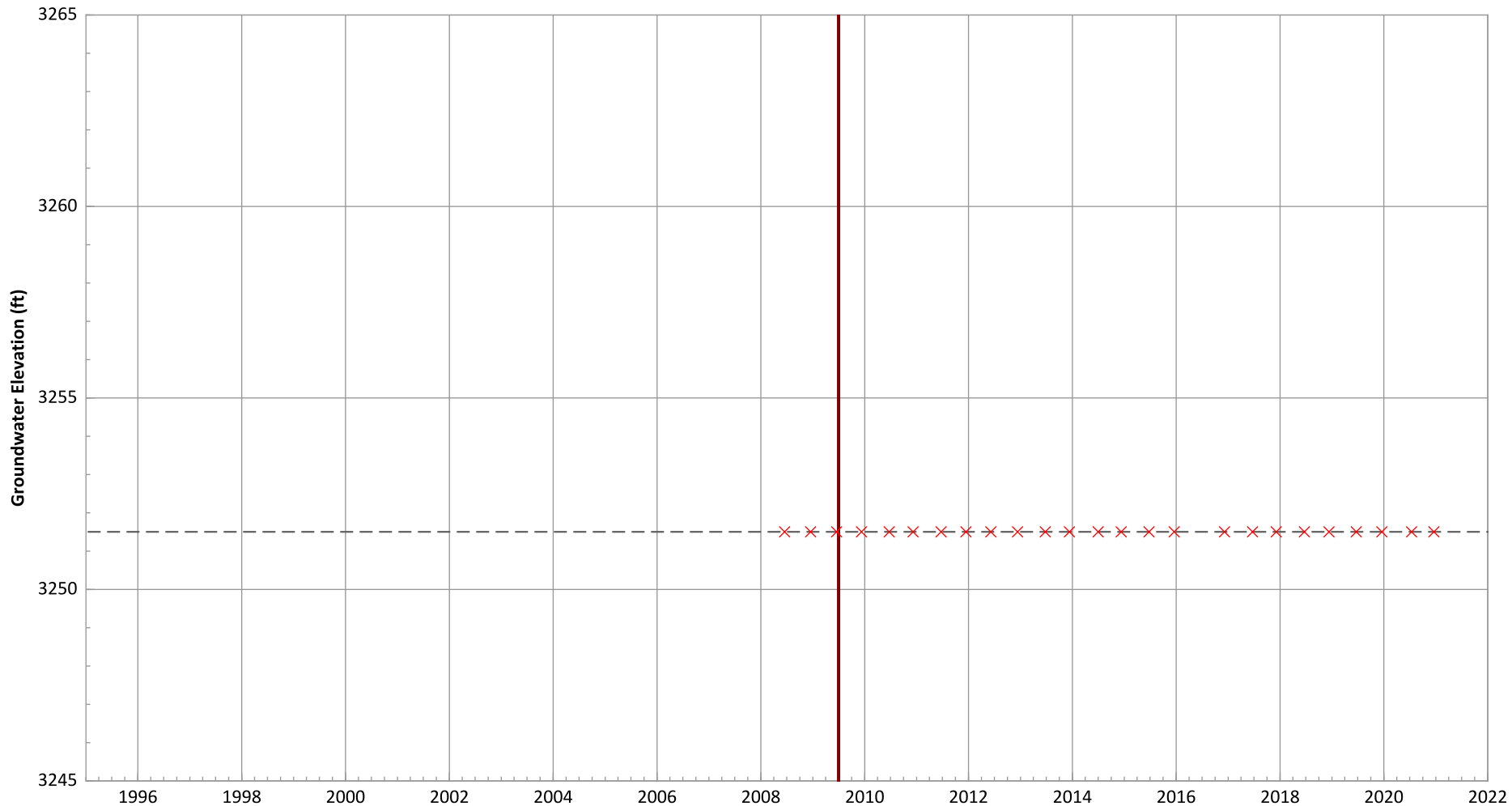
Notes:
 1. Top of screen elevation is 3256.49 ft msl.
 2. The bottom of screen elevation is 3246.49 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (<3 Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.27 ft/yr

**PTX06-1122 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

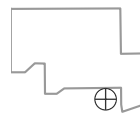


Notes:

1. Top of screen elevation is 3261.5 ft msl.
 2. The bottom of screen elevation is 3251.5 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

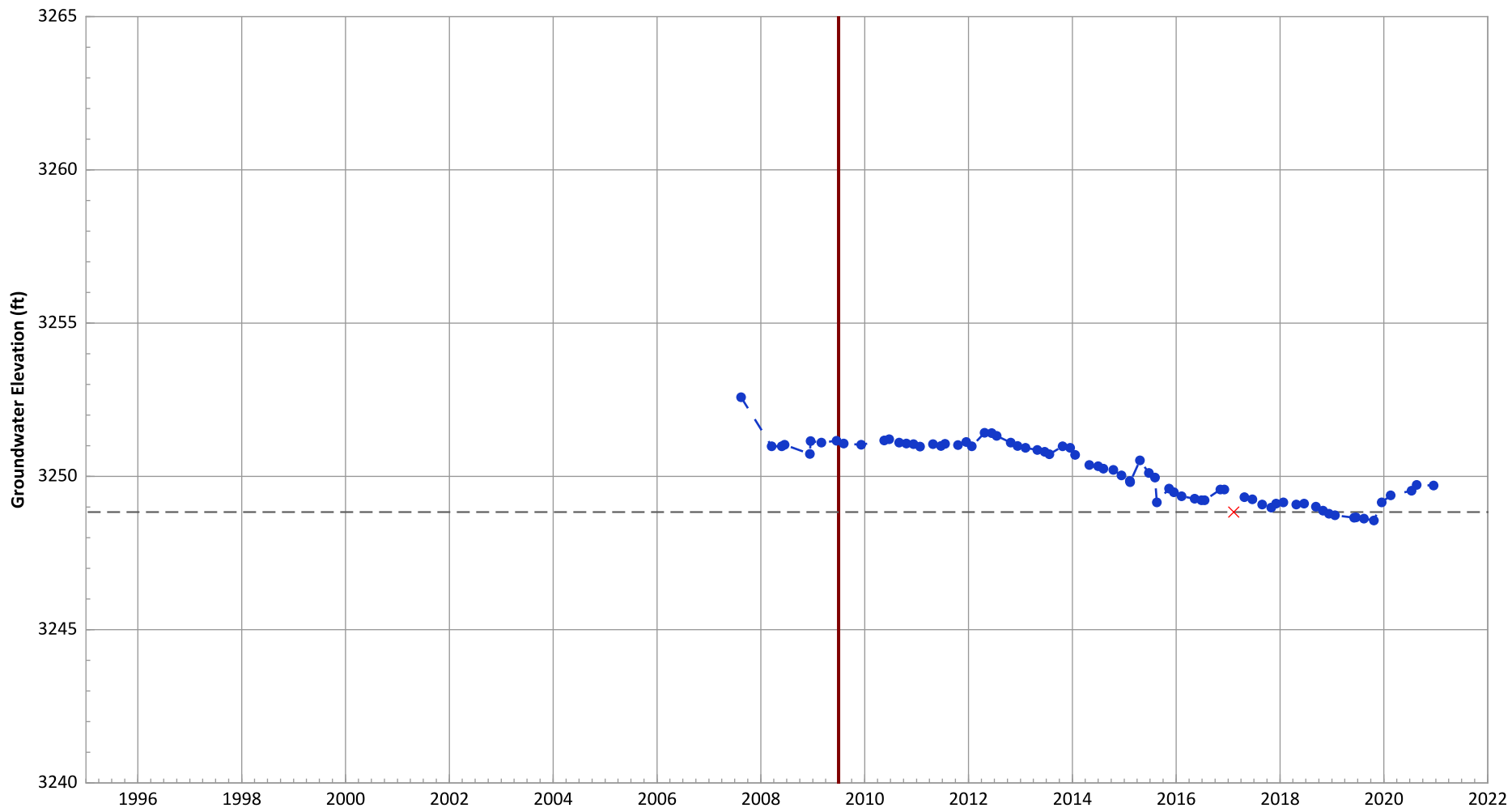
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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

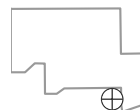


Notes:

1. Top of screen elevation is 3258.84 ft msl.
 2. The bottom of screen elevation is 3248.84 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

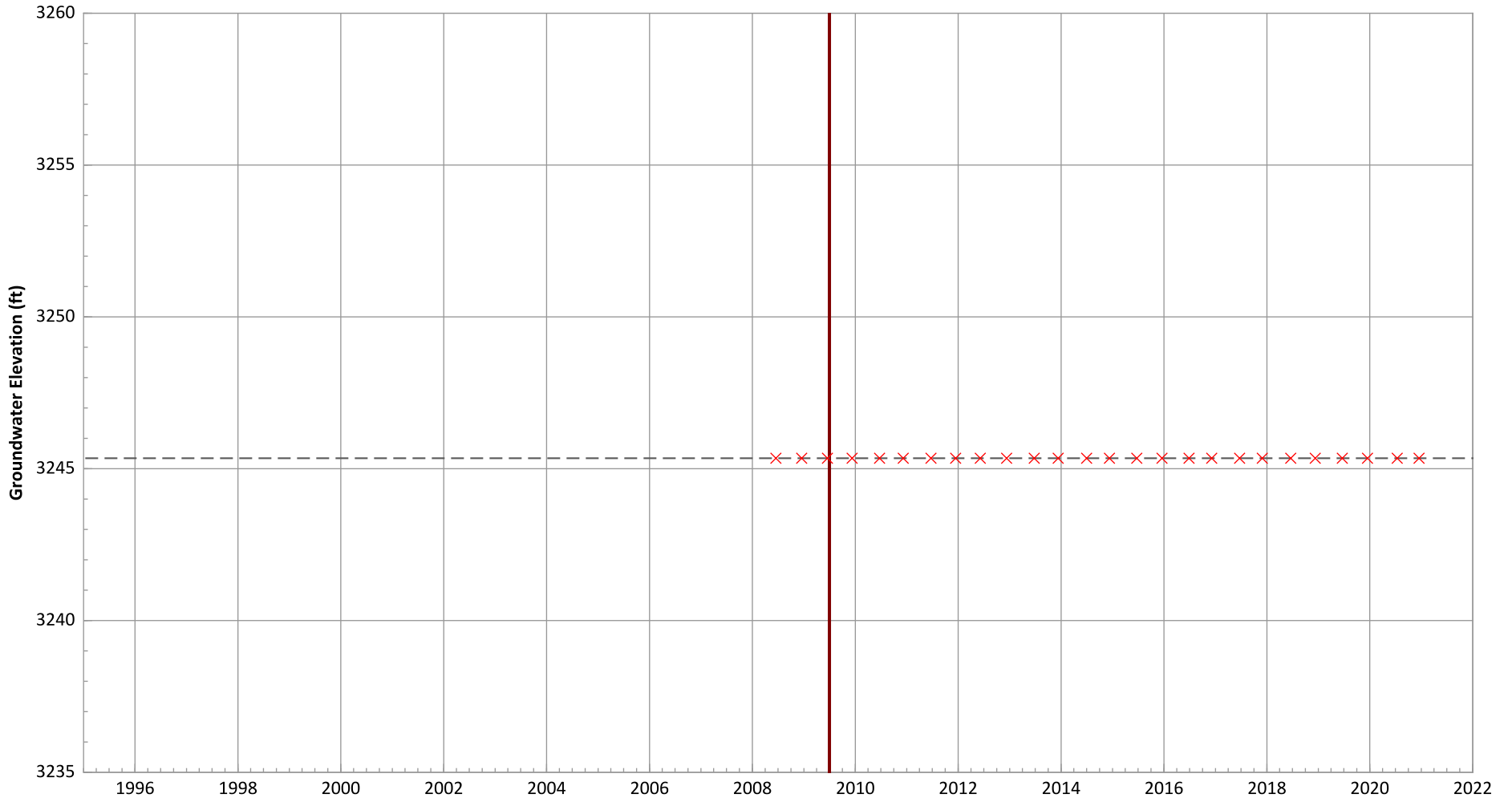
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.71 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.26 ft/yr

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



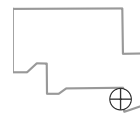
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

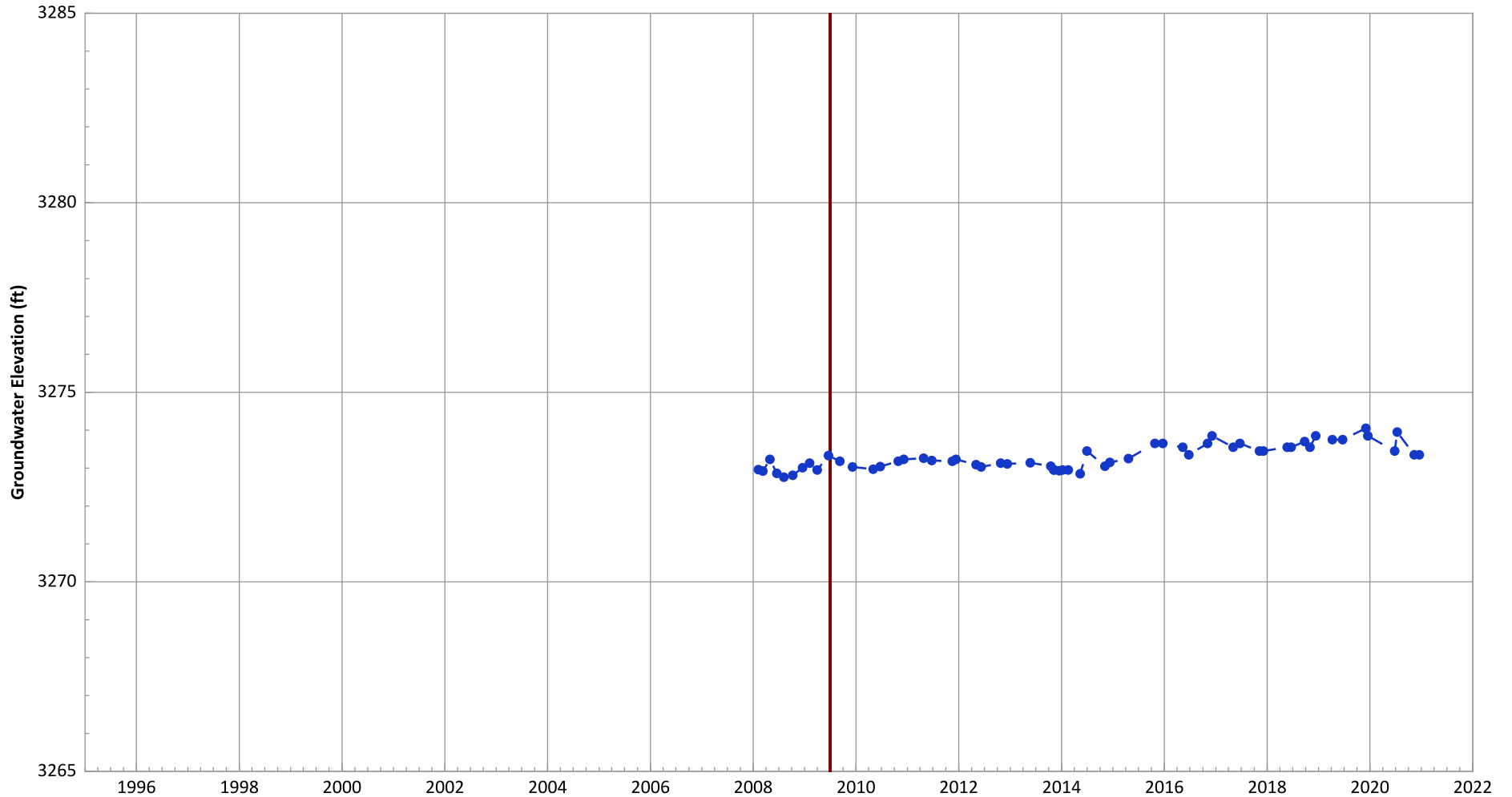
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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

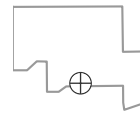


Notes:

1. Top of screen elevation is 3282.55 ft msl.
 2. The bottom of screen elevation is 3252.55 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

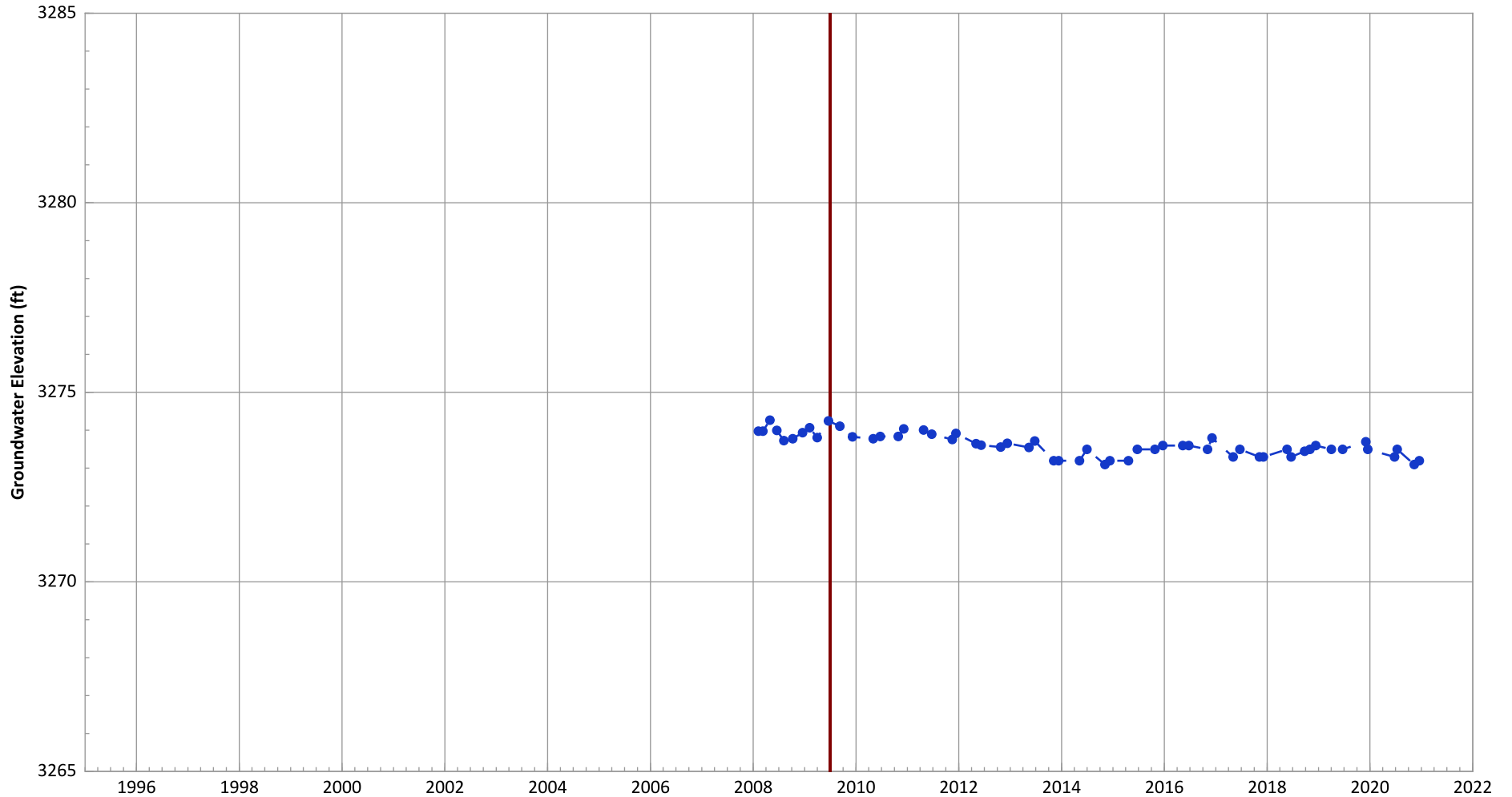
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 0.26 ft/yr
Data (7/2009 - 1/2021): No Trend

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



Notes:

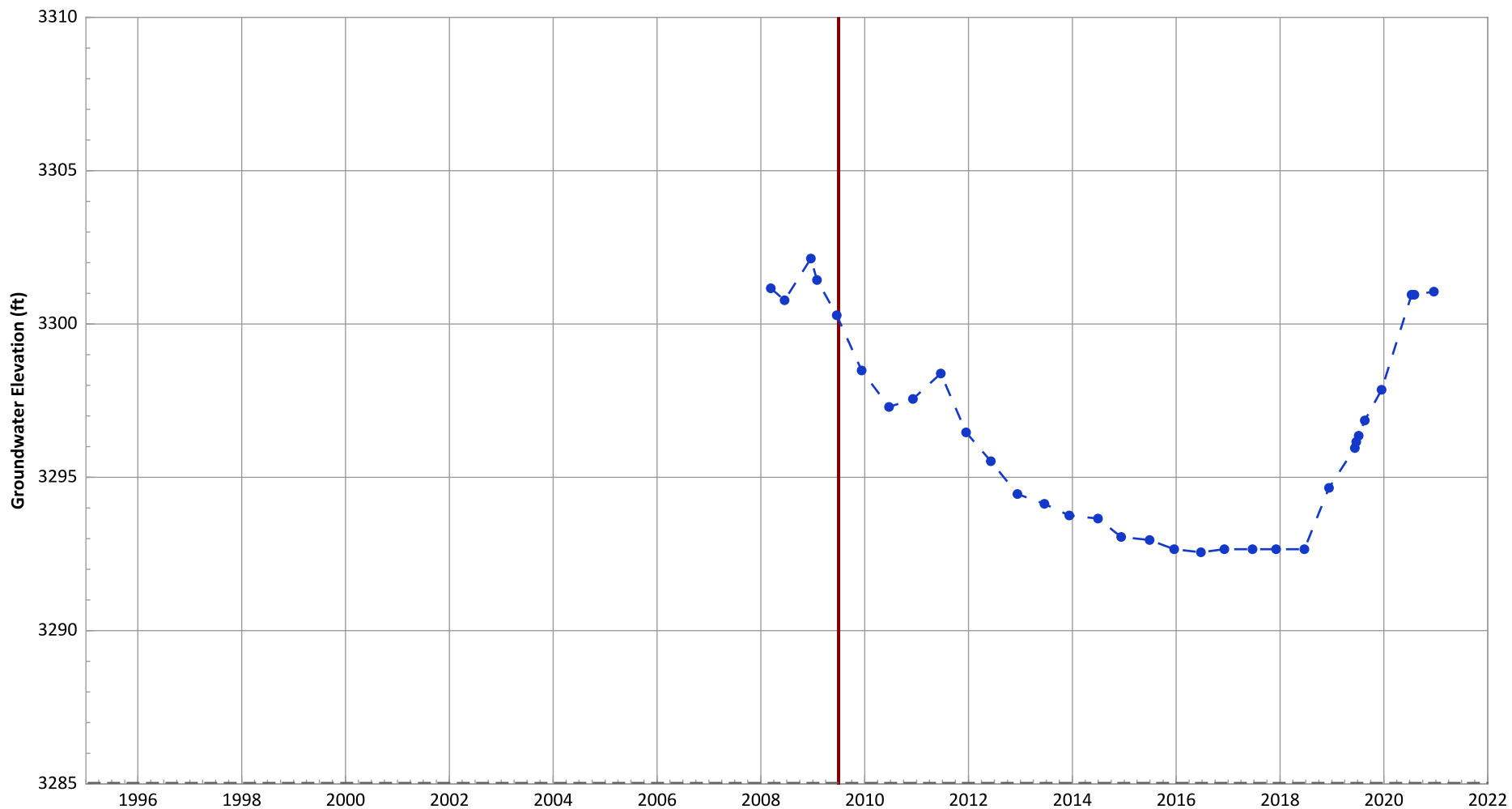
1. Top of screen elevation is 3278.57 ft msl.
 2. The bottom of screen elevation is 3248.57 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.22 ft/yr
 Data (7/2009 - 1/2021): No Trend

**PTX06-1128 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

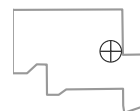


Notes:

1. Top of screen elevation is 3325.04 ft msl.
 2. The bottom of screen elevation is 3285.04 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

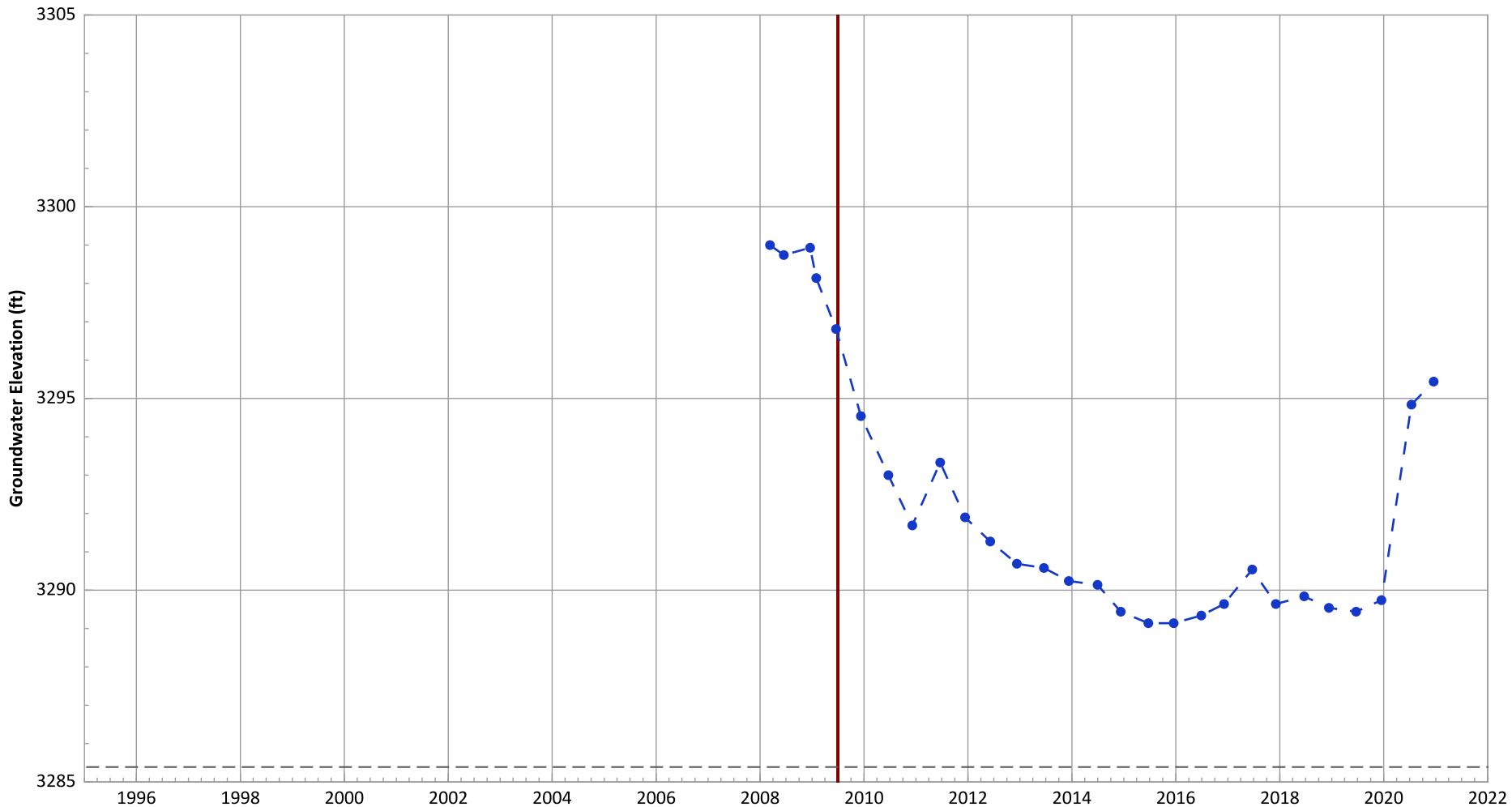
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 3.79 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.11 ft/yr

**PTX06-1129 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

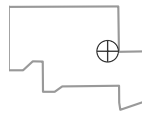


Notes:

1. Top of screen elevation is 3305.39 ft msl.
 2. The bottom of screen elevation is 3285.39 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

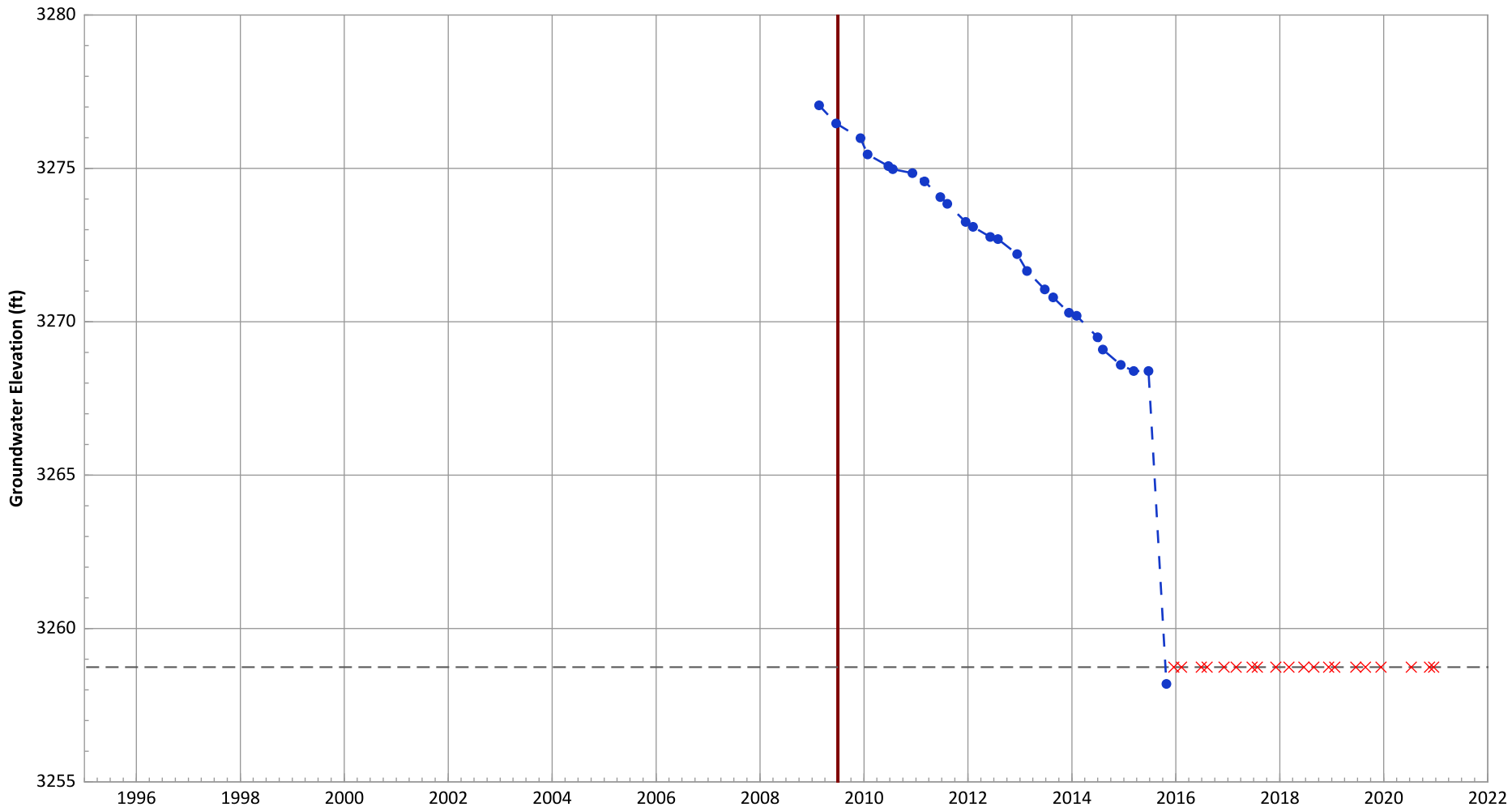
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 4.64 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.11 ft/yr

**PTX06-1130 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

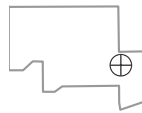


Notes:

1. Top of screen elevation is 3283.74 ft msl.
 2. The bottom of screen elevation is 3258.74 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action

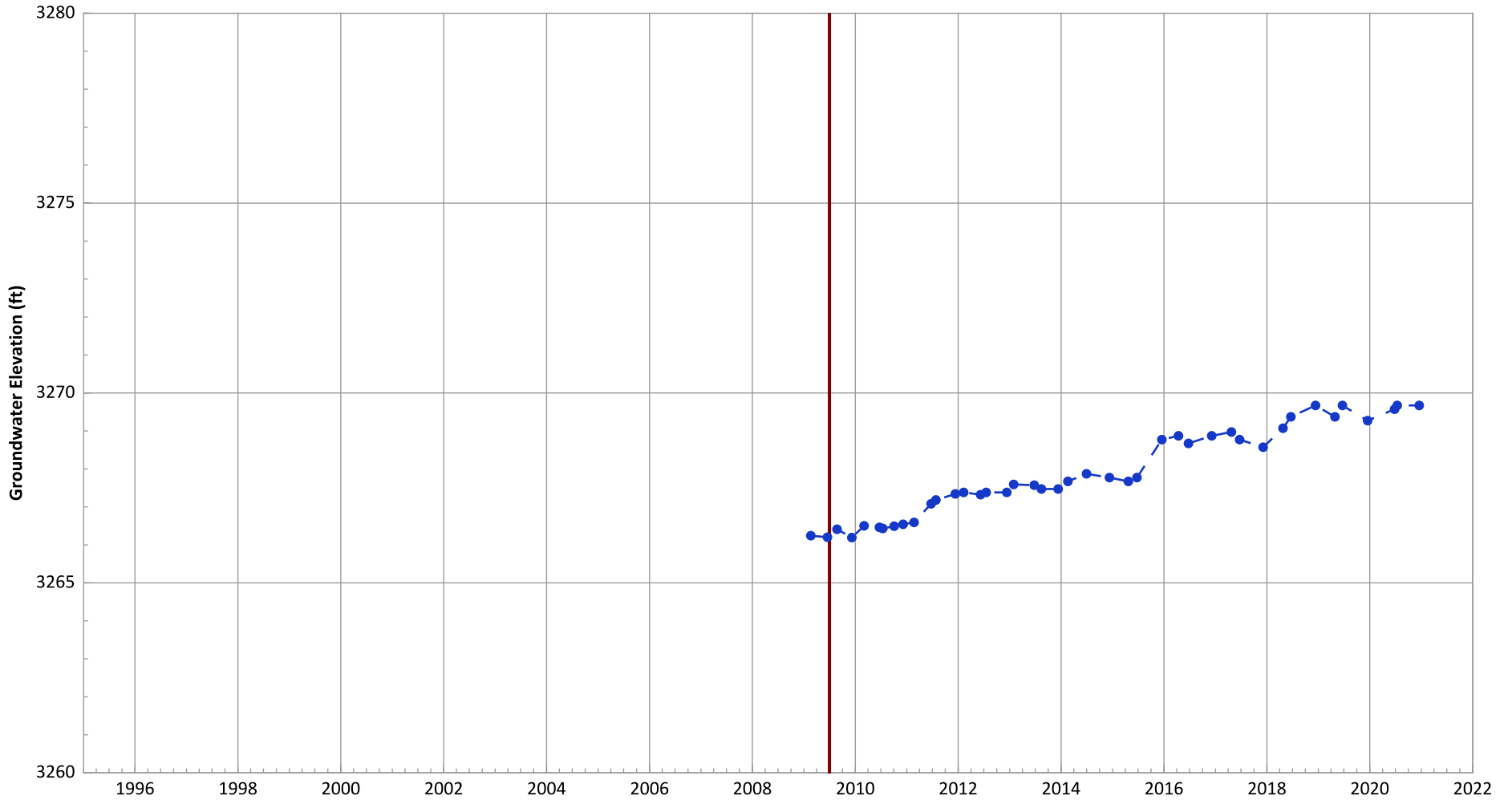
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 1.82 ft/yr

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

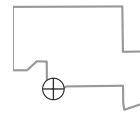


Notes:

1. Top of screen elevation is 3278.81 ft msl.
 2. The bottom of screen elevation is 3258.81 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

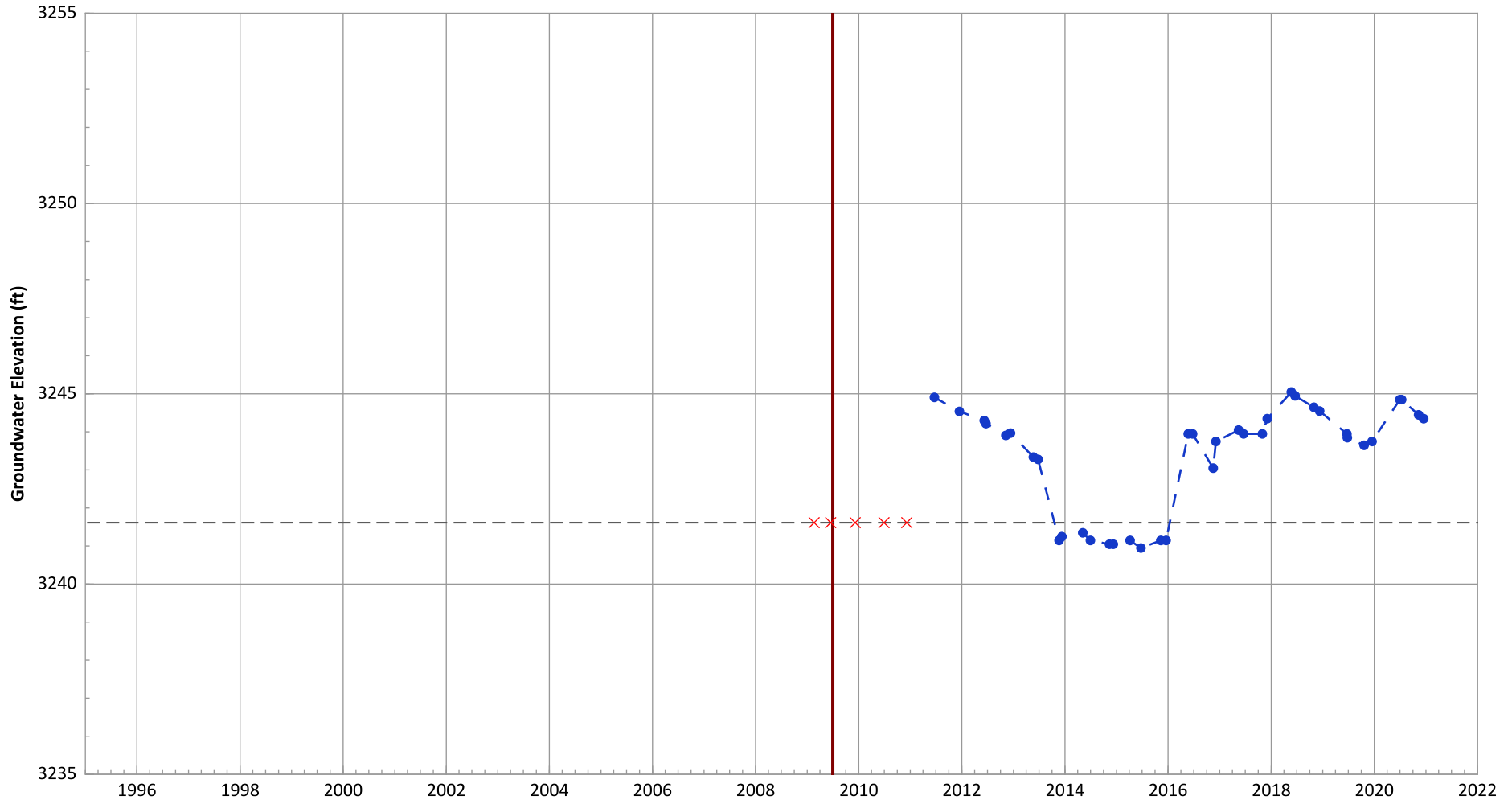
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.13 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.32 ft/yr

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



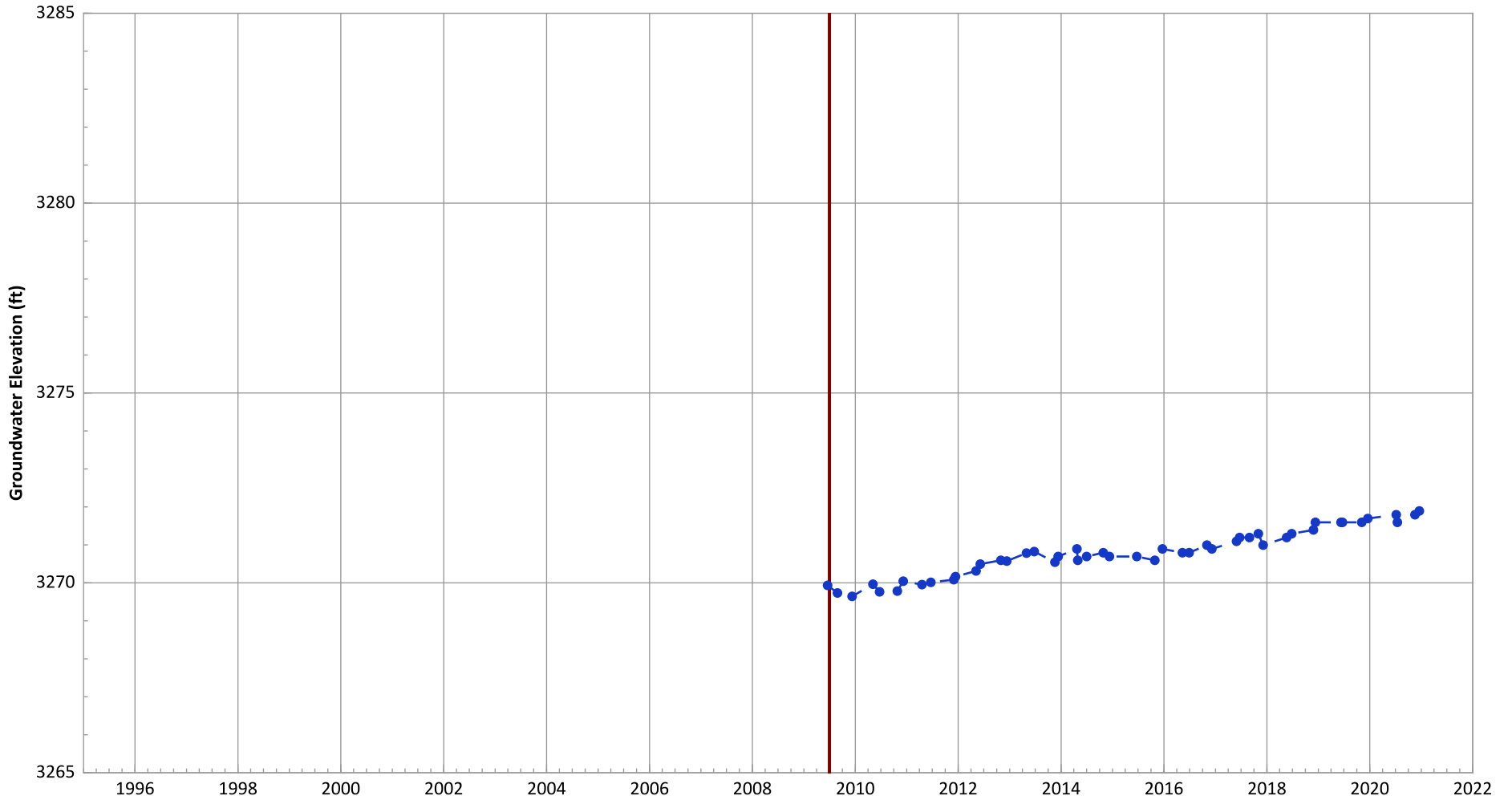
Notes:
 1. Top of screen elevation is 3256.61 ft msl.
 2. The bottom of screen elevation is 3241.61 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.58 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.18 ft/yr

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



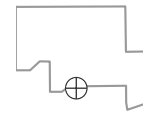
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

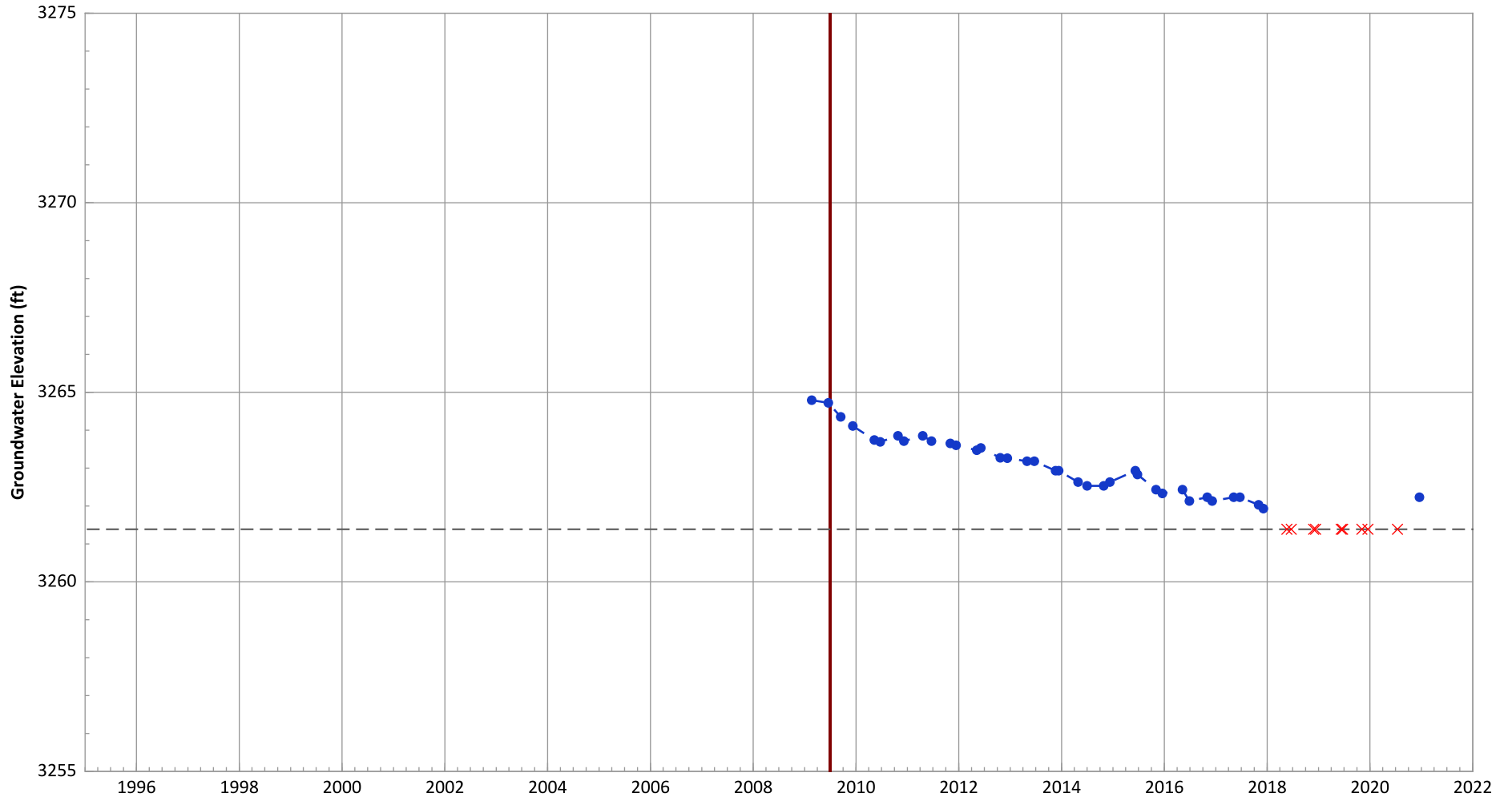
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.16 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.18 ft/yr

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



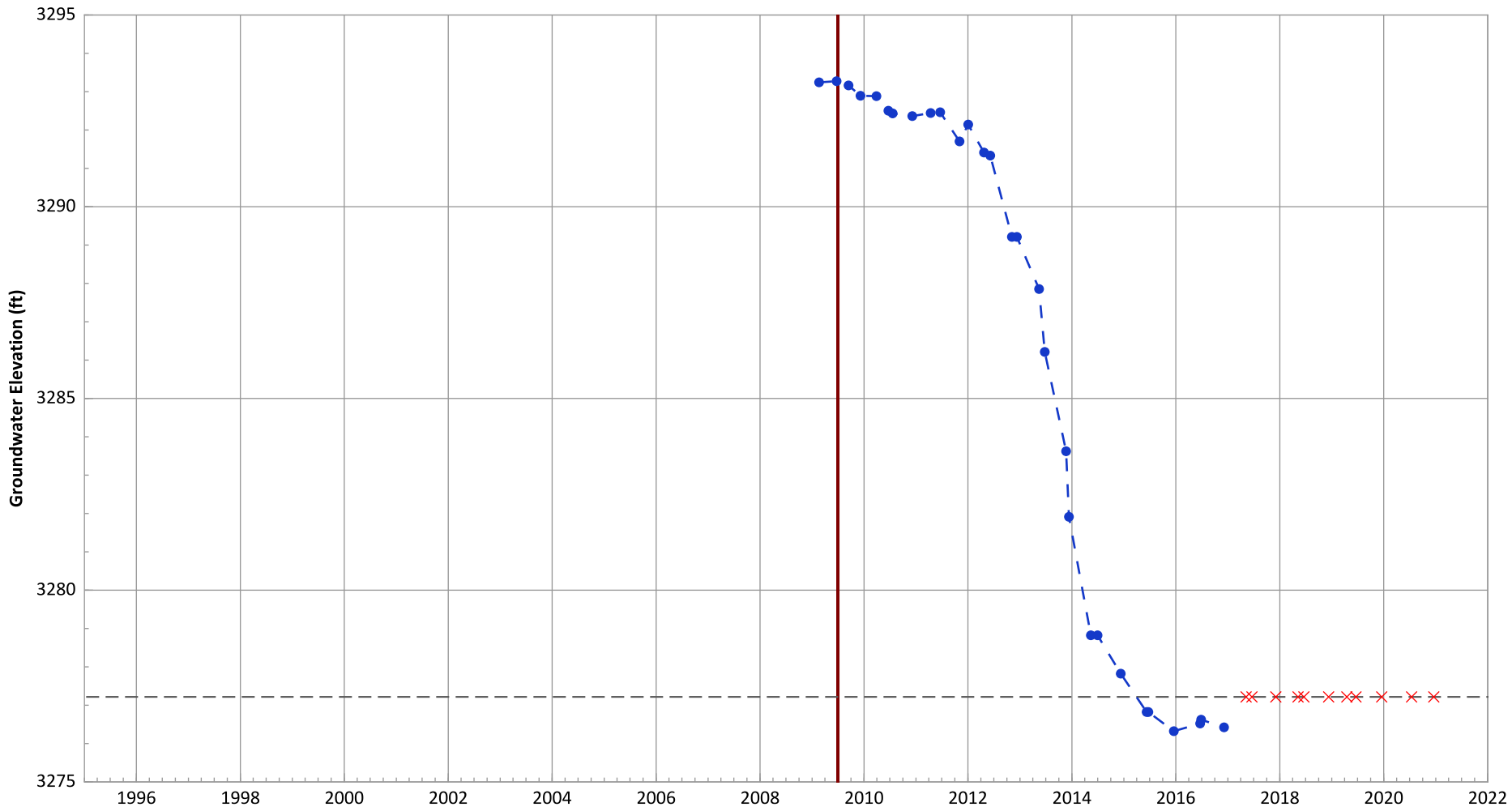
Notes:
 1. Top of screen elevation is 3281.39 ft msl.
 2. The bottom of screen elevation is 3261.39 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (<3 Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.24 ft/yr

**PTX06-1136 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

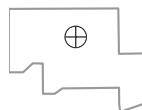


Notes:

1. Top of screen elevation is 3297.22 ft msl.
 2. The bottom of screen elevation is 3277.22 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action

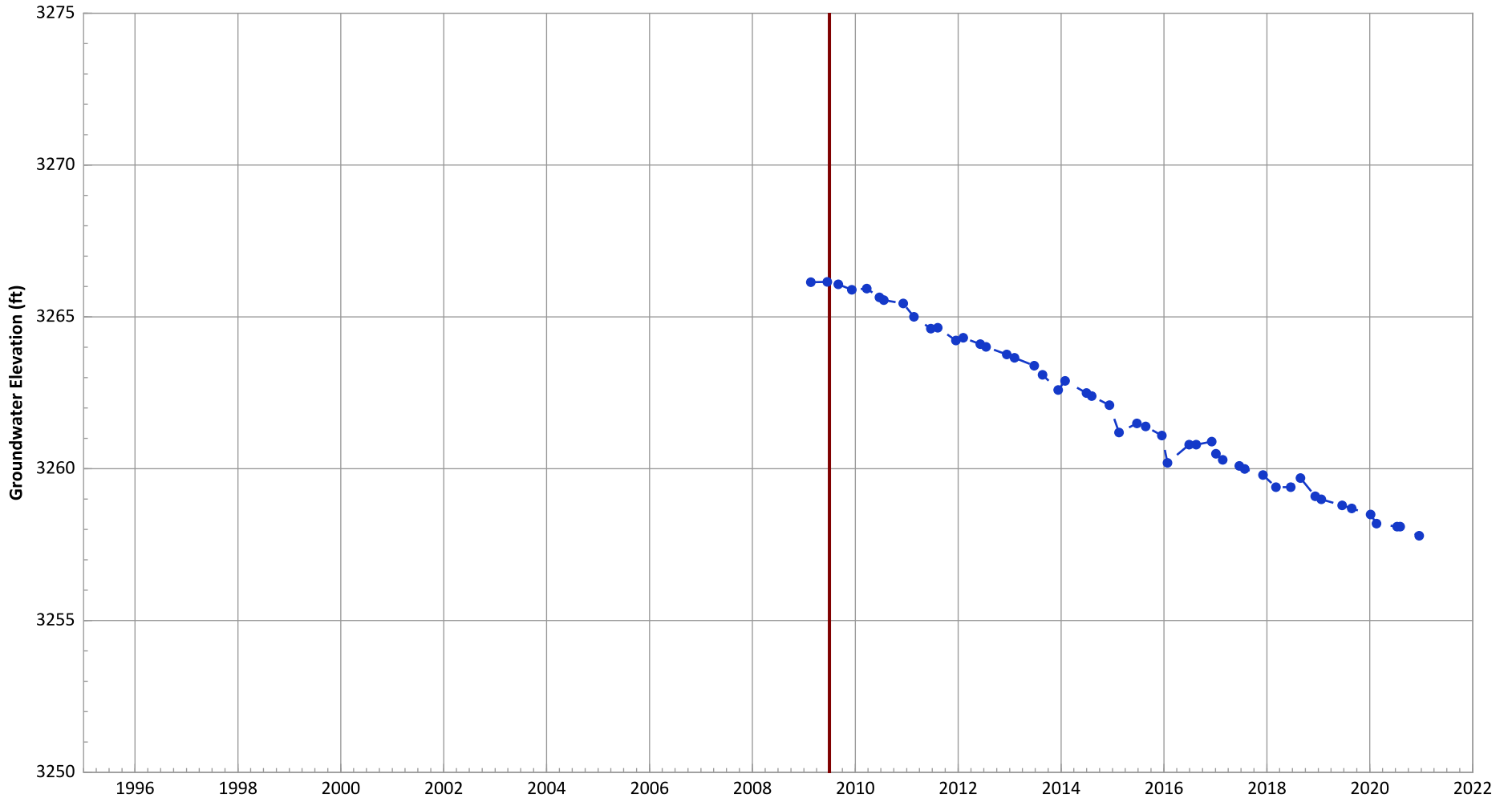
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 2.99 ft/yr

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

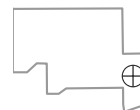


Notes:

1. Top of screen elevation is 3263.96 ft msl.
 2. The bottom of screen elevation is 3243.96 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

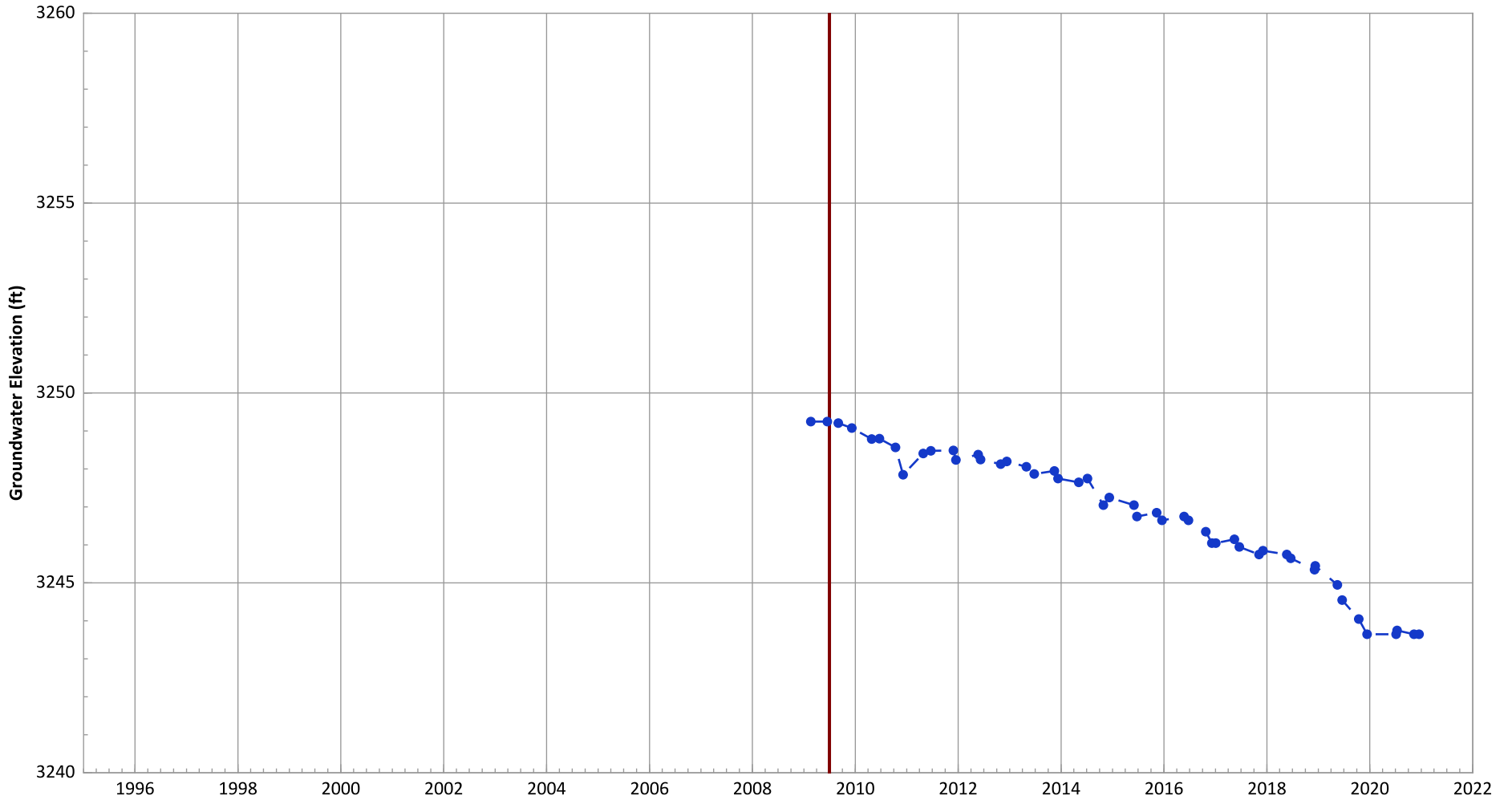
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.64 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.76 ft/yr

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

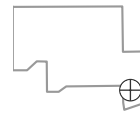


Notes:

1. Top of screen elevation is 3251.62 ft msl.
 2. The bottom of screen elevation is 3231.62 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

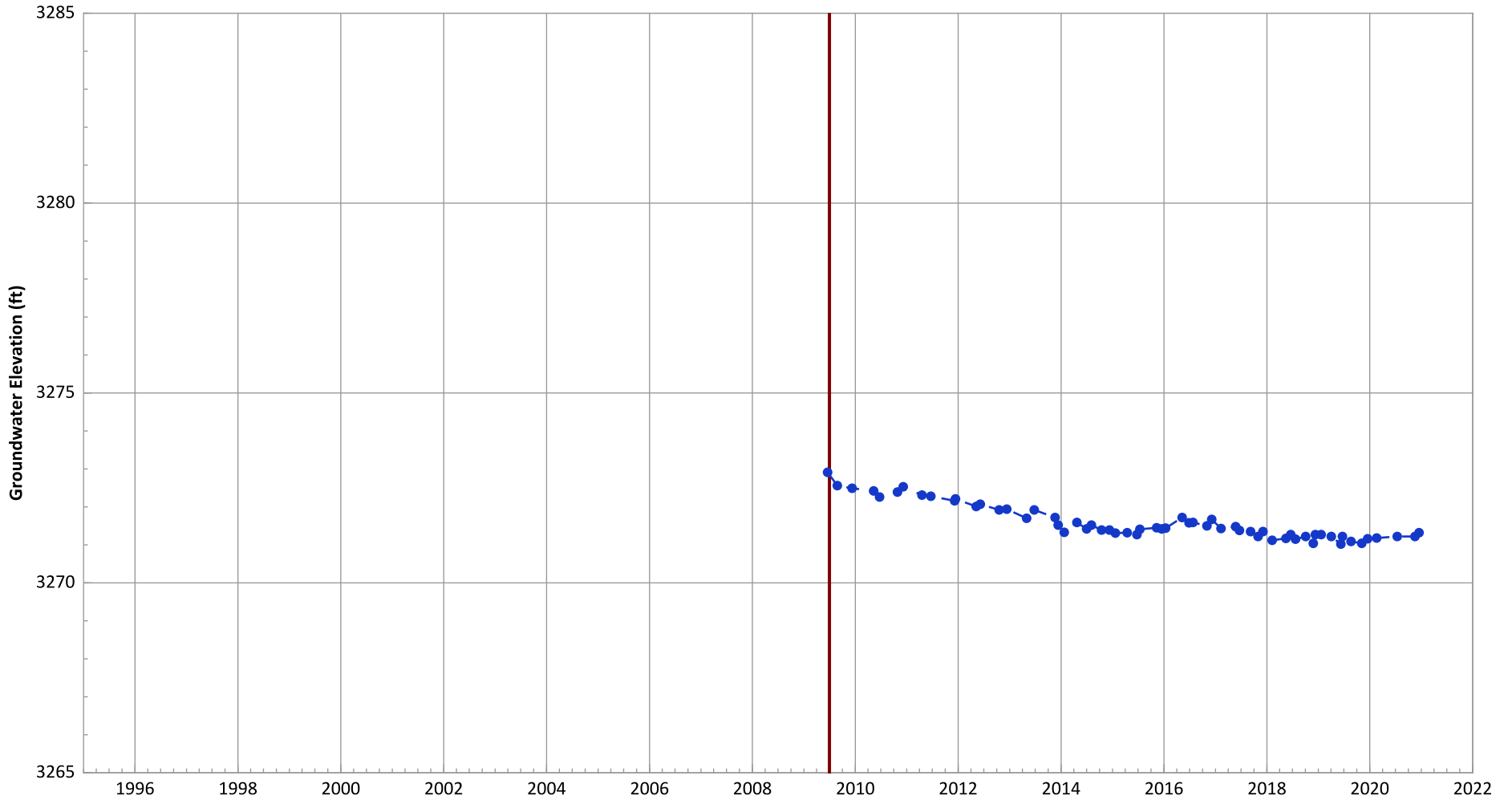
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.68 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.48 ft/yr

**PTX06-1148 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

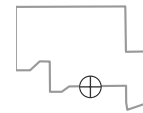


Notes:

1. Top of screen elevation is 3276.06 ft msl.
 2. The bottom of screen elevation is 3256.06 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.12 ft/yr

**PTX06-1149 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

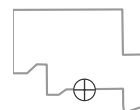


Notes:

1. Top of screen elevation is 3279.28 ft msl.
 2. The bottom of screen elevation is 3259.28 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

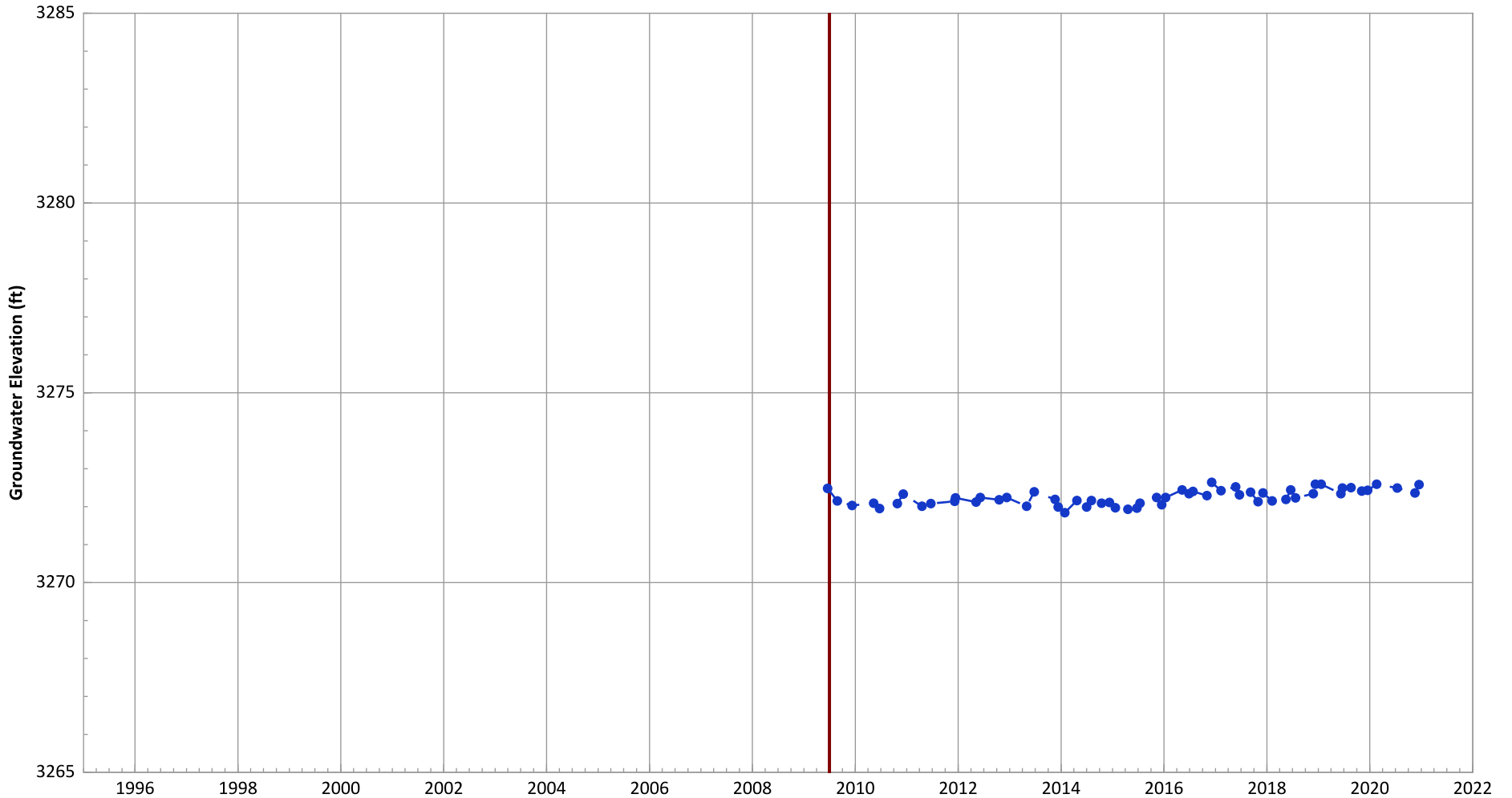
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

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



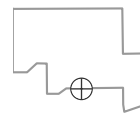
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

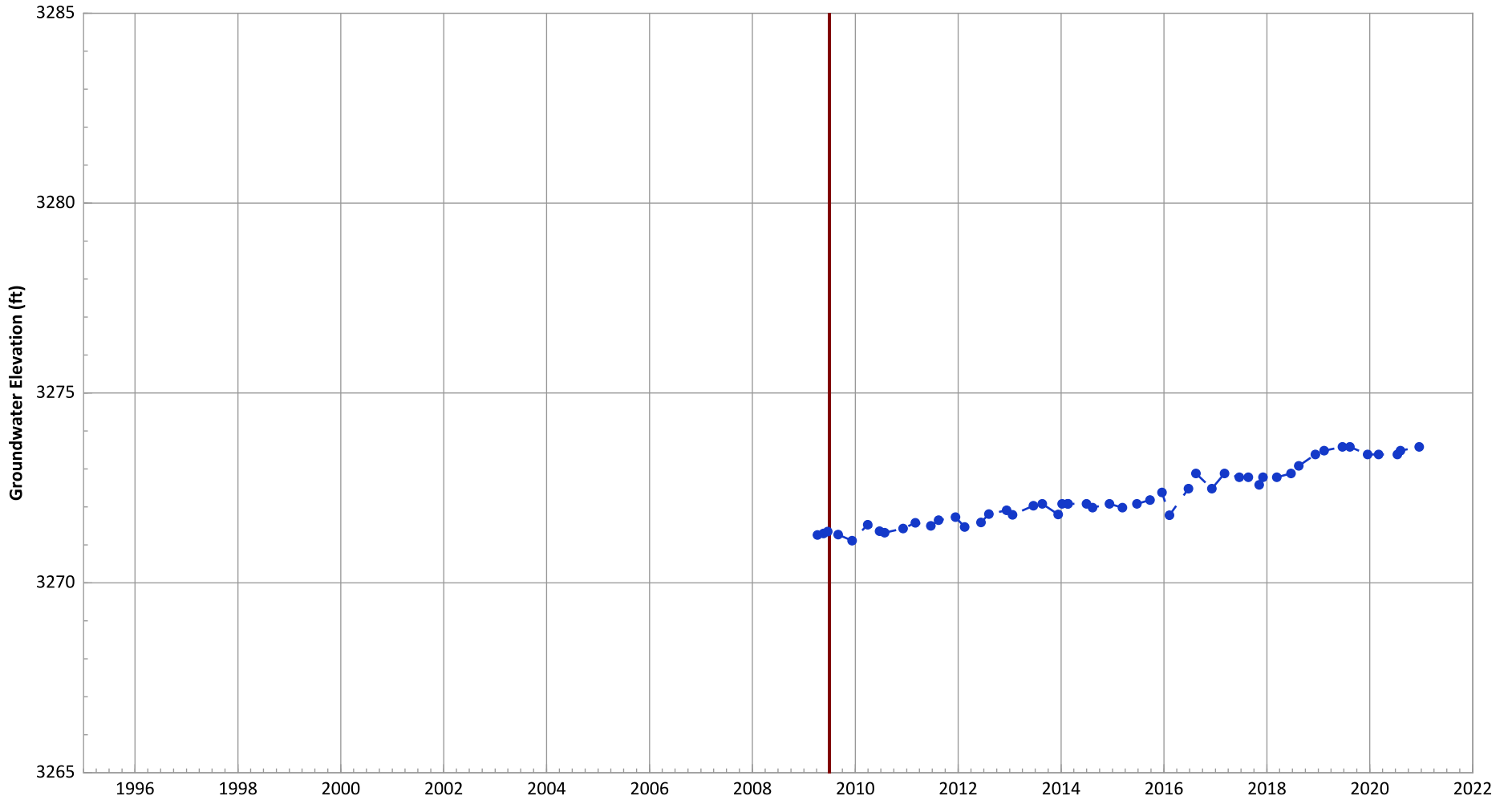
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

**PTX06-1151 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

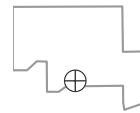


Notes:

1. Top of screen elevation is 3269.55 ft msl.
 2. The bottom of screen elevation is 3254.55 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

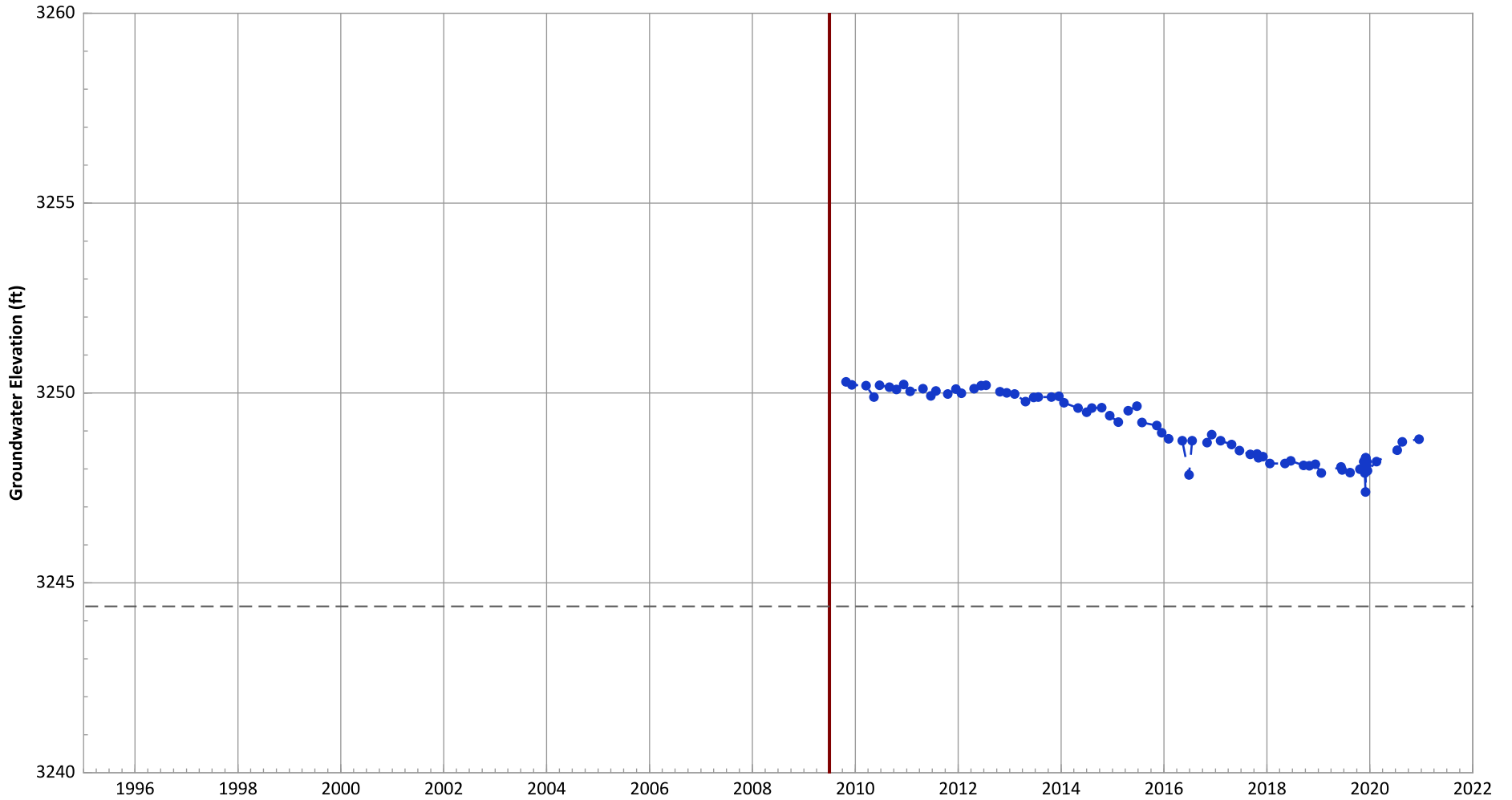
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Increasing at 0.21 ft/yr

**PTX06-1153 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

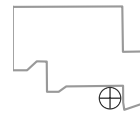


Notes:

1. Top of screen elevation is 3254.38 ft msl.
 2. The bottom of screen elevation is 3244.38 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

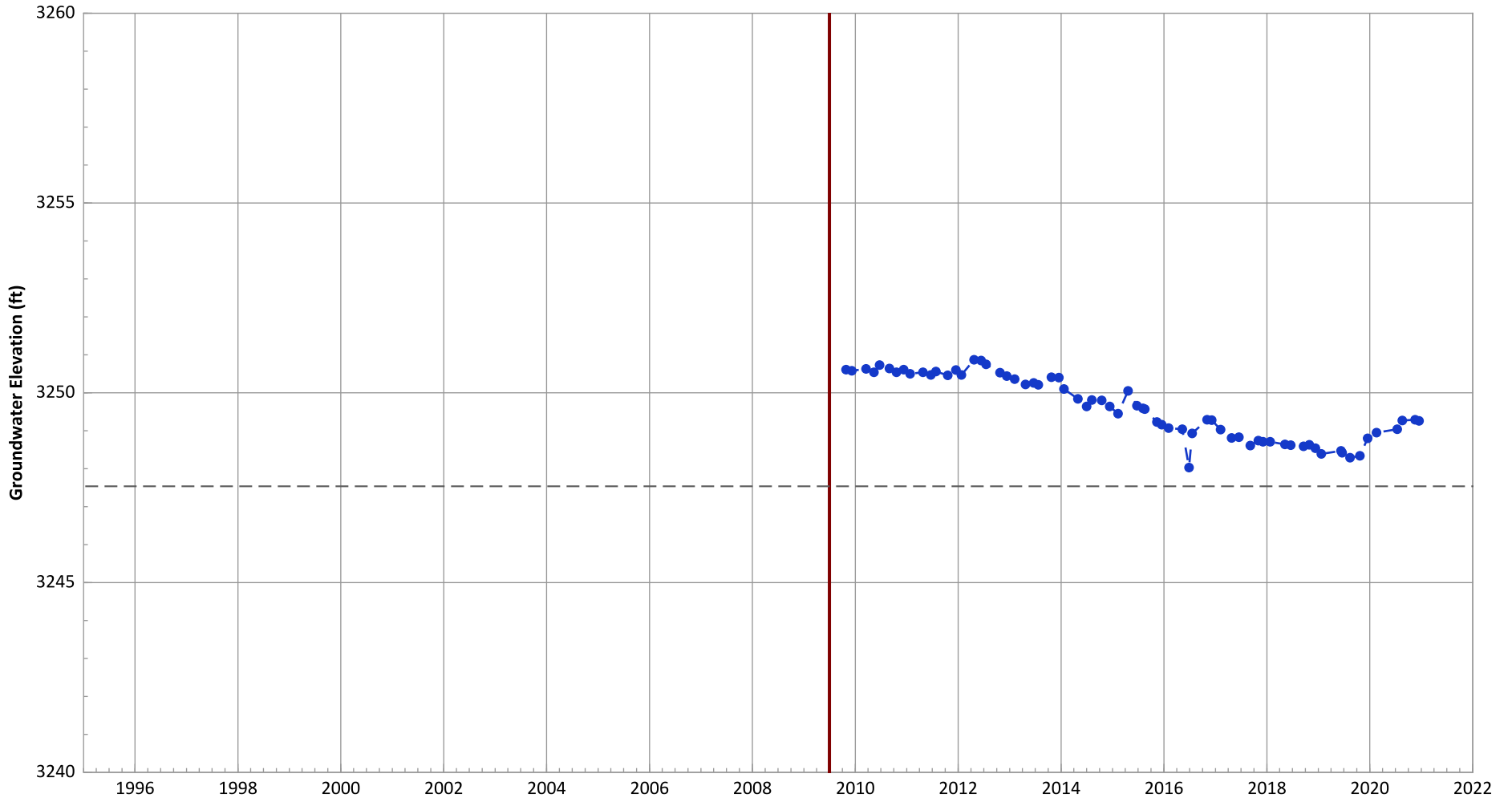
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.52 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.24 ft/yr

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

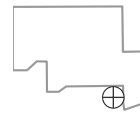


Notes:

1. Top of screen elevation is 3257.54 ft msl.
 2. The bottom of screen elevation is 3247.54 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

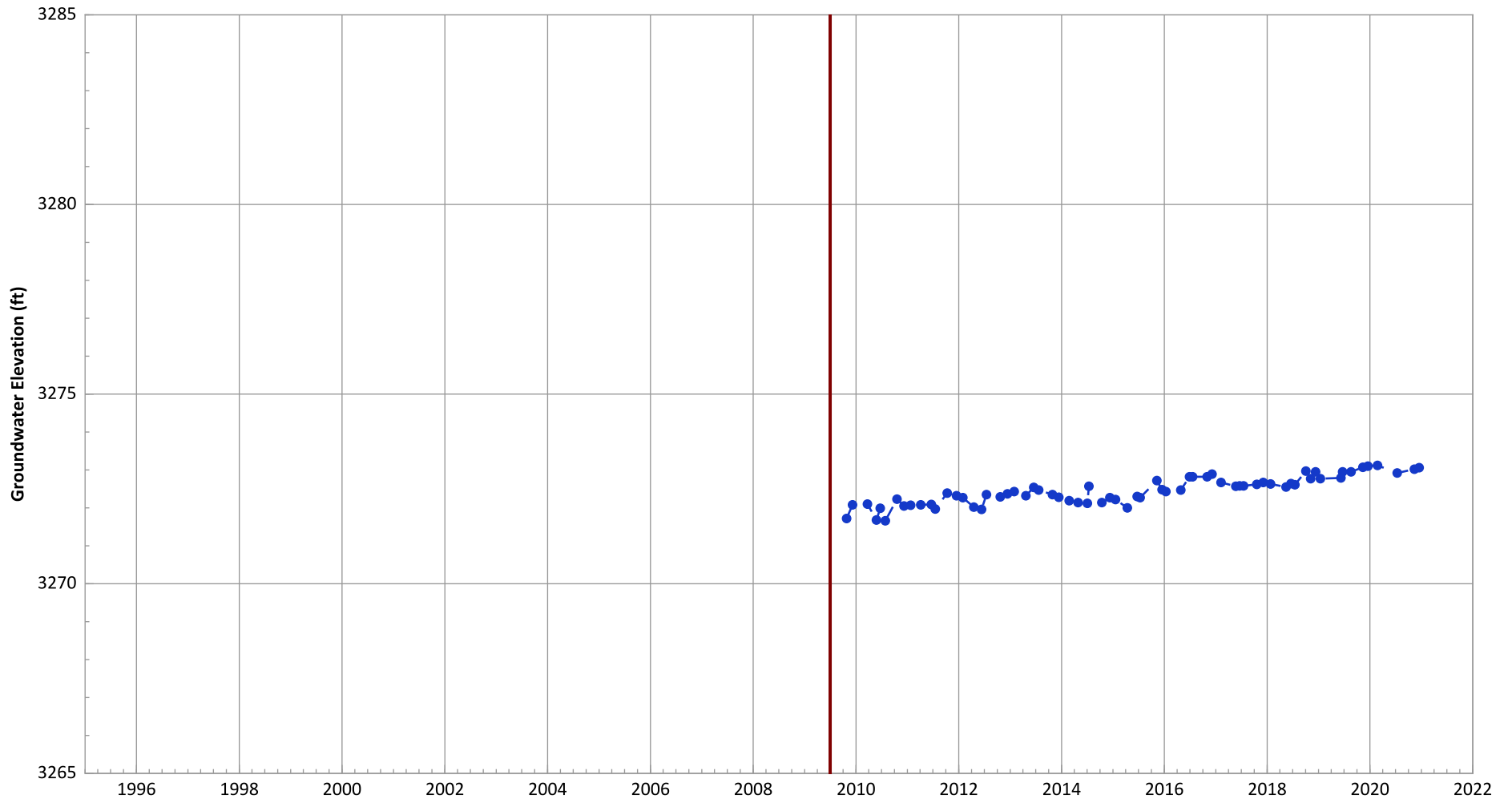
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.59 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.23 ft/yr

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

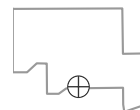


Notes:

1. Top of screen elevation is 3271.89 ft msl.
 2. The bottom of screen elevation is 3256.89 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

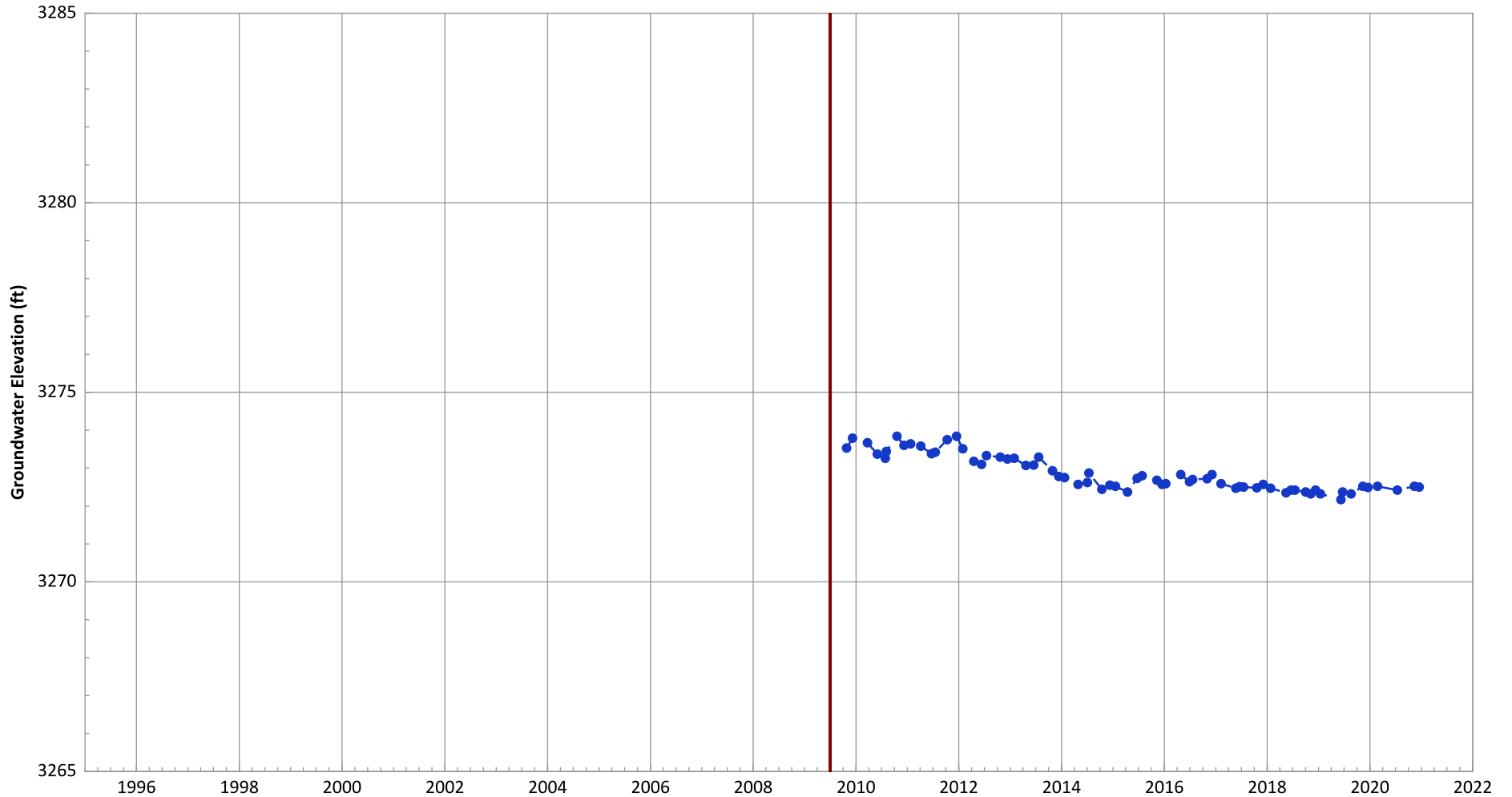
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): Increasing at 0.1 ft/yr

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

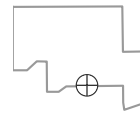


Notes:

1. Top of screen elevation is 3275.27 ft msl.
 2. The bottom of screen elevation is 3250.27 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

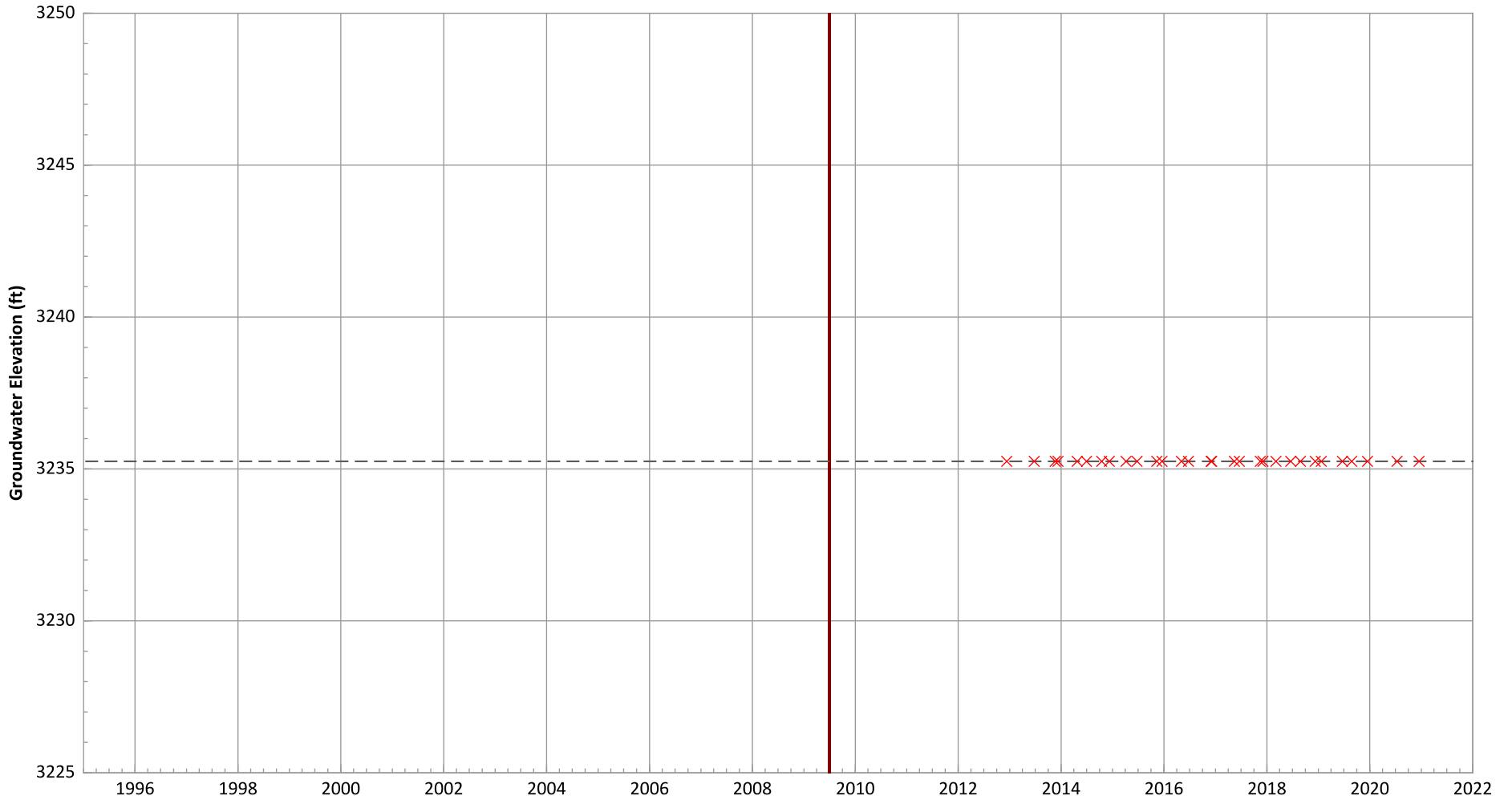
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.14 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.13 ft/yr

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



Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

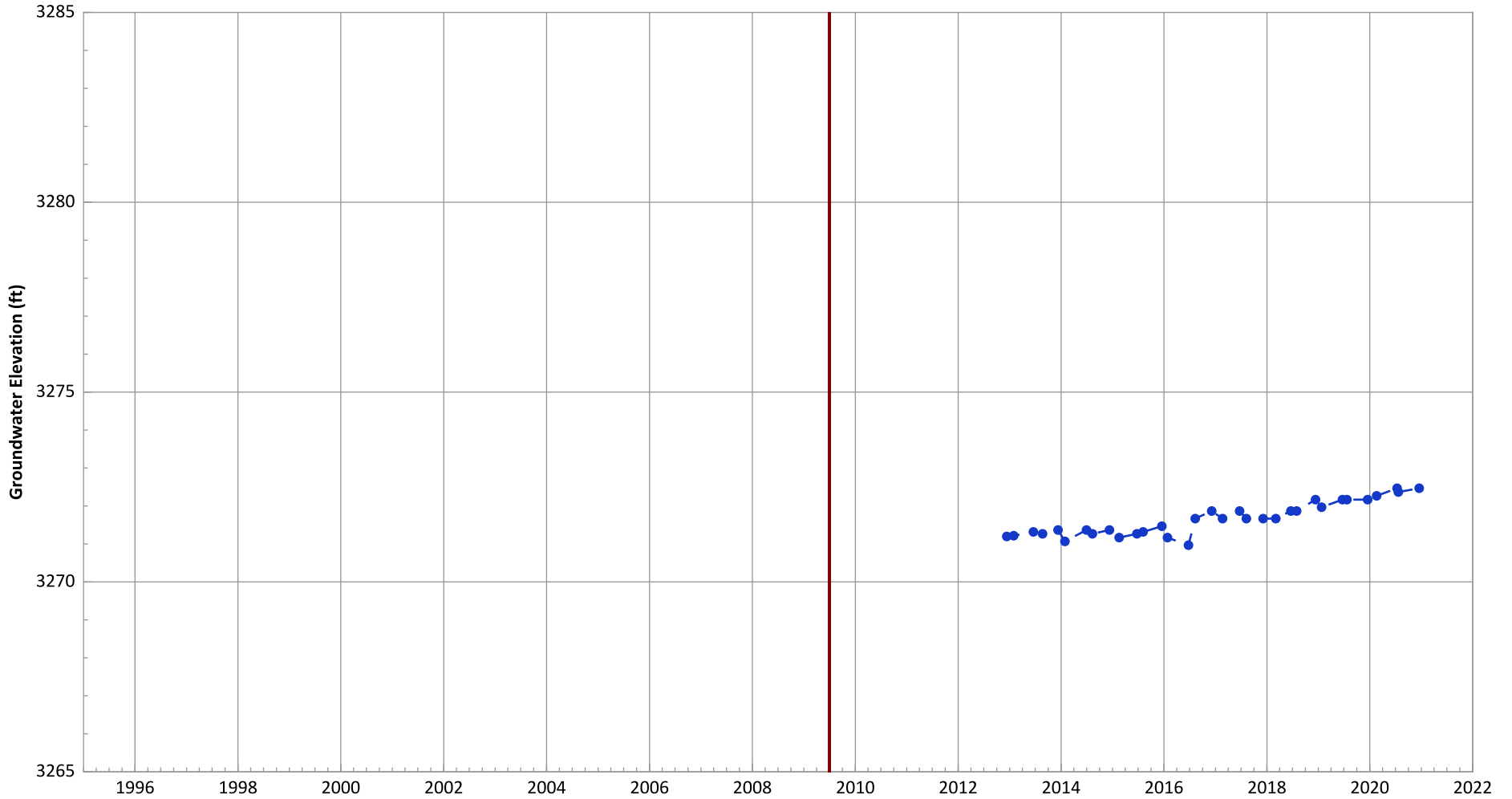
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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

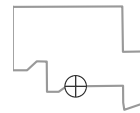


Notes:

1. Top of screen elevation is 3273.93 ft msl.
 2. The bottom of screen elevation is 3253.93 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

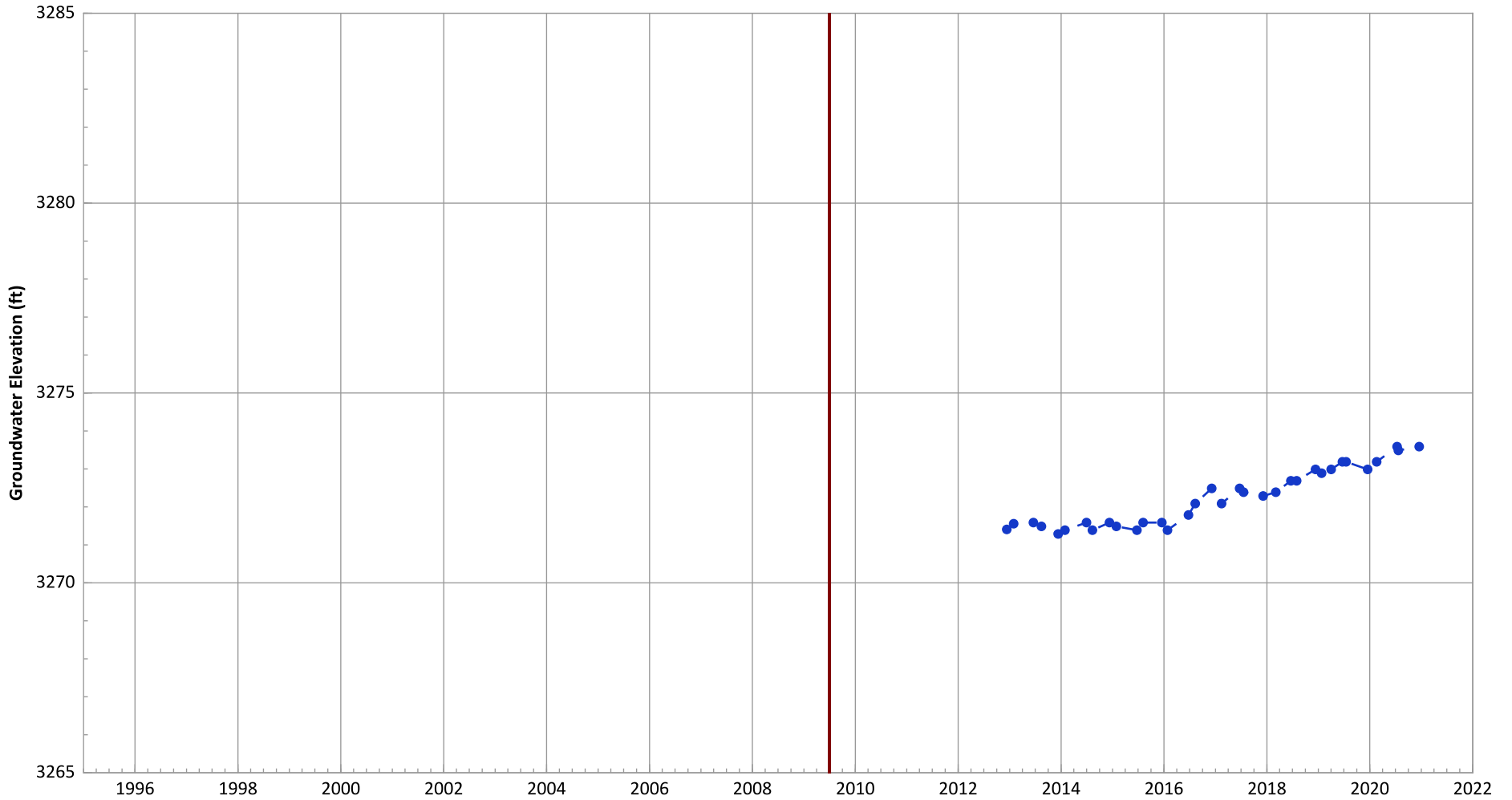
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.26 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.17 ft/yr

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

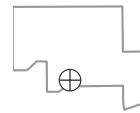


Notes:

1. Top of screen elevation is 3271.51 ft msl.
 2. The bottom of screen elevation is 3246.51 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

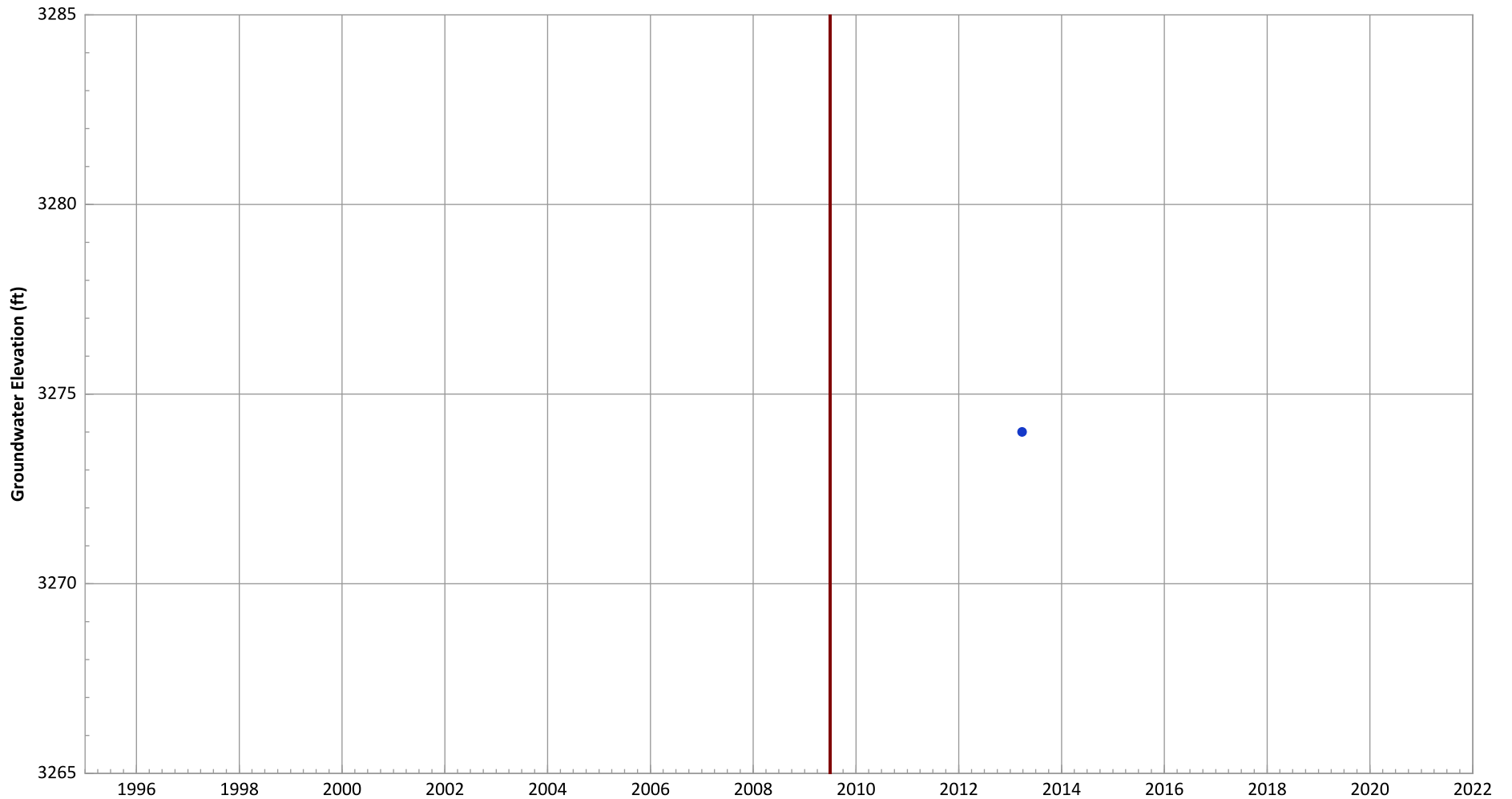
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.36 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.3 ft/yr

PTX06-1162 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



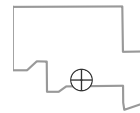
Notes:

1. Top of screen elevation is 3276.3 ft msl.
2. The bottom of screen elevation is 3256.3 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

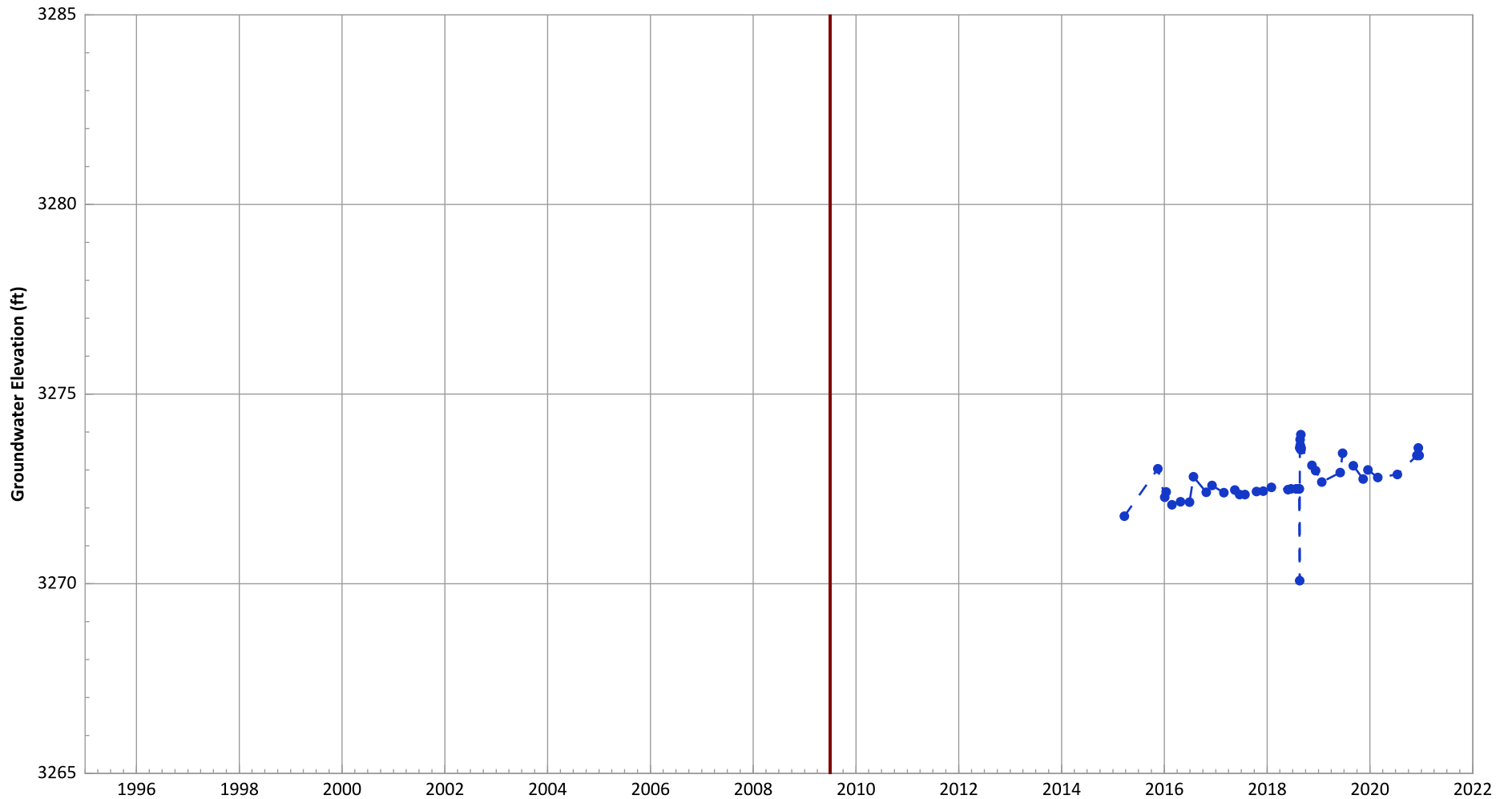
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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

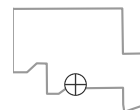


Notes:

1. Top of screen elevation is 3271.78 ft msl.
 2. The bottom of screen elevation is 3251.78 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

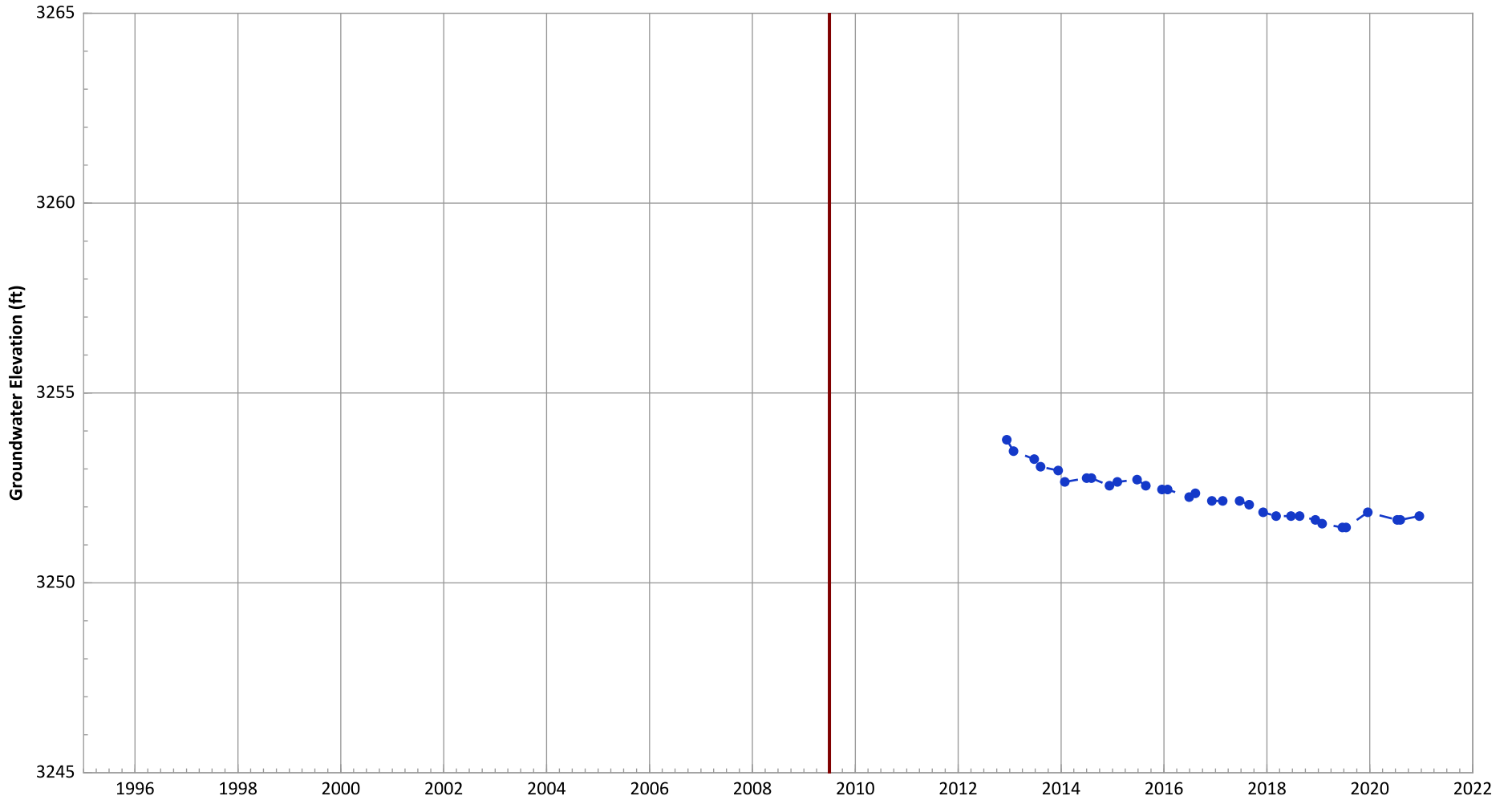
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.26 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.21 ft/yr

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



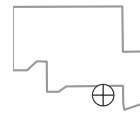
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

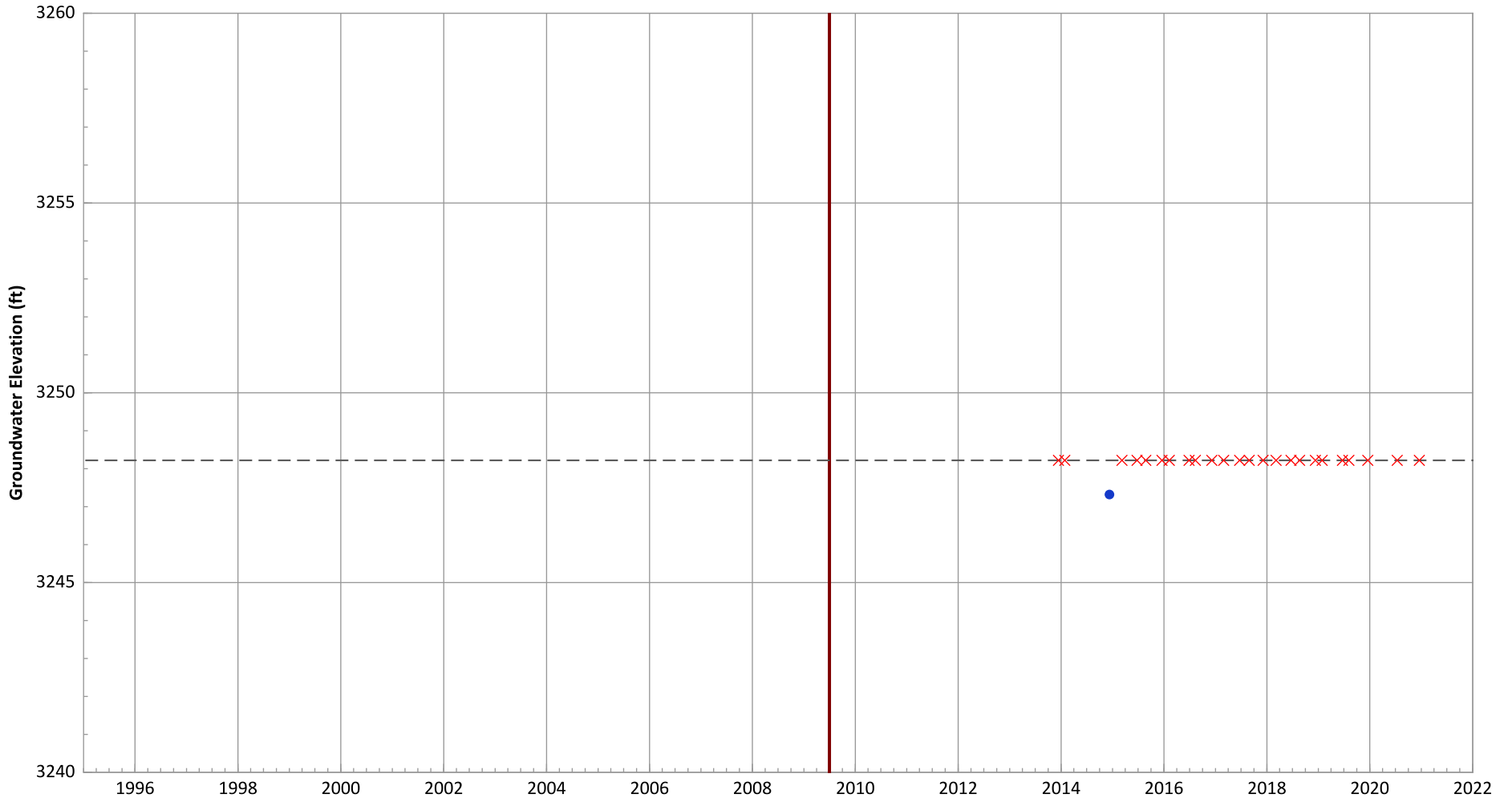
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.13 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.24 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (<3 Measurements)

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

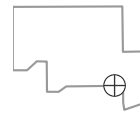


Notes:

1. Top of screen elevation is 3269.59 ft msl.
 2. The bottom of screen elevation is 3249.59 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

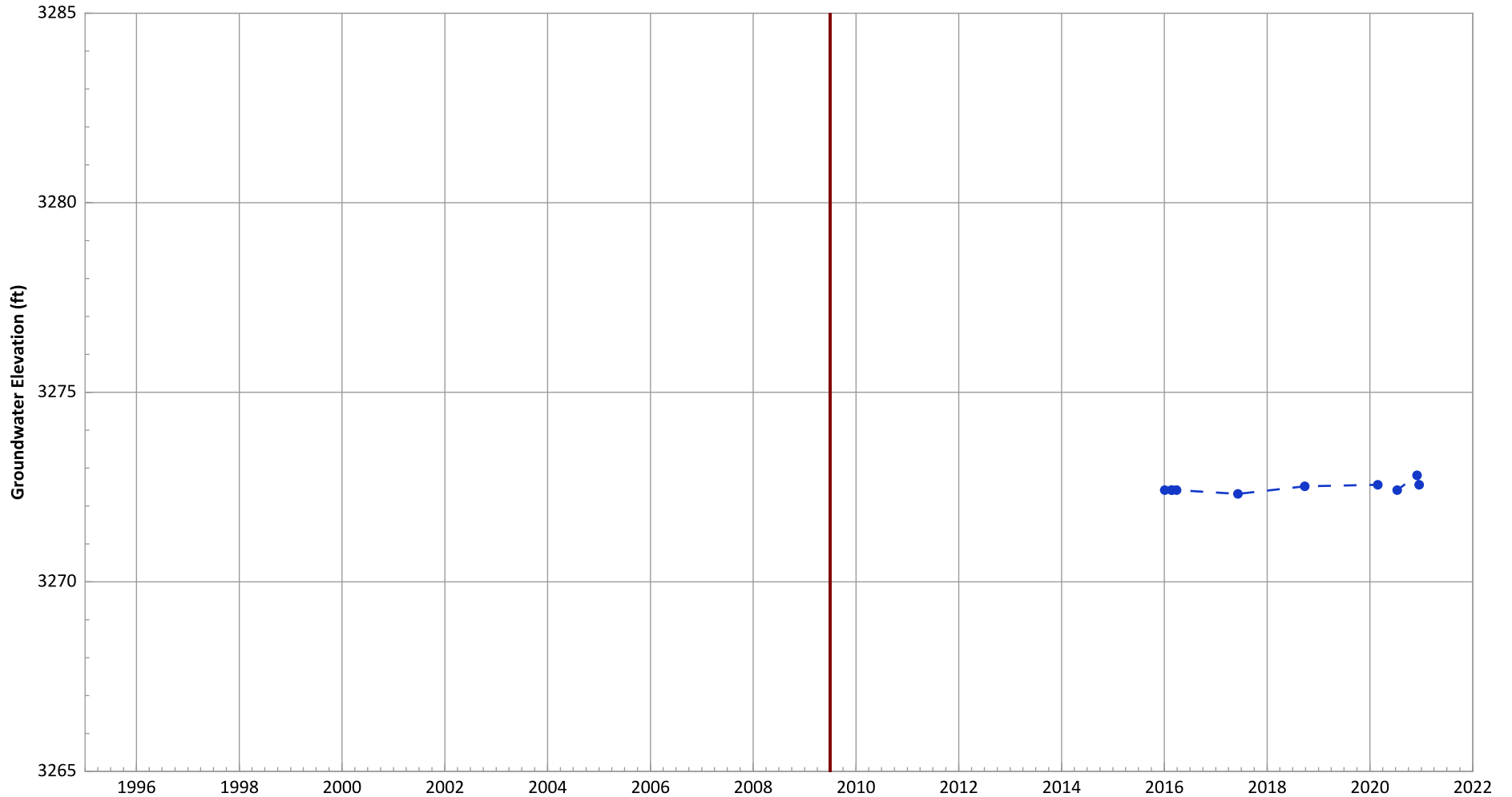
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.31 ft/yr
 Data (7/2009 - 1/2021): No Trend

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



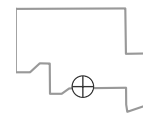
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

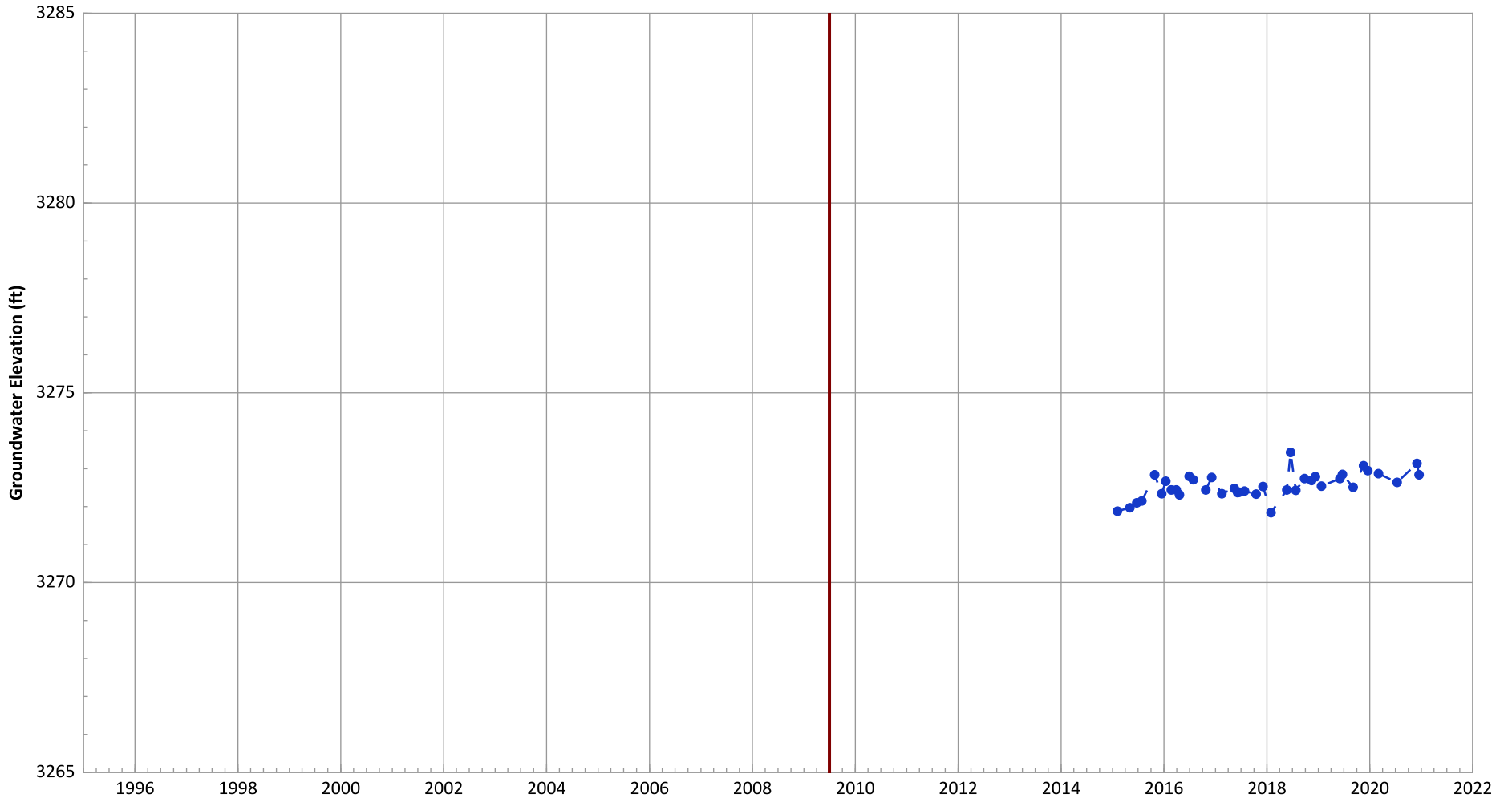
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.2 ft/yr
 Data (7/2009 - 1/2021): No Trend

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

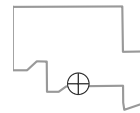


Notes:

1. Top of screen elevation is 3265.59 ft msl.
 2. The bottom of screen elevation is 3255.59 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

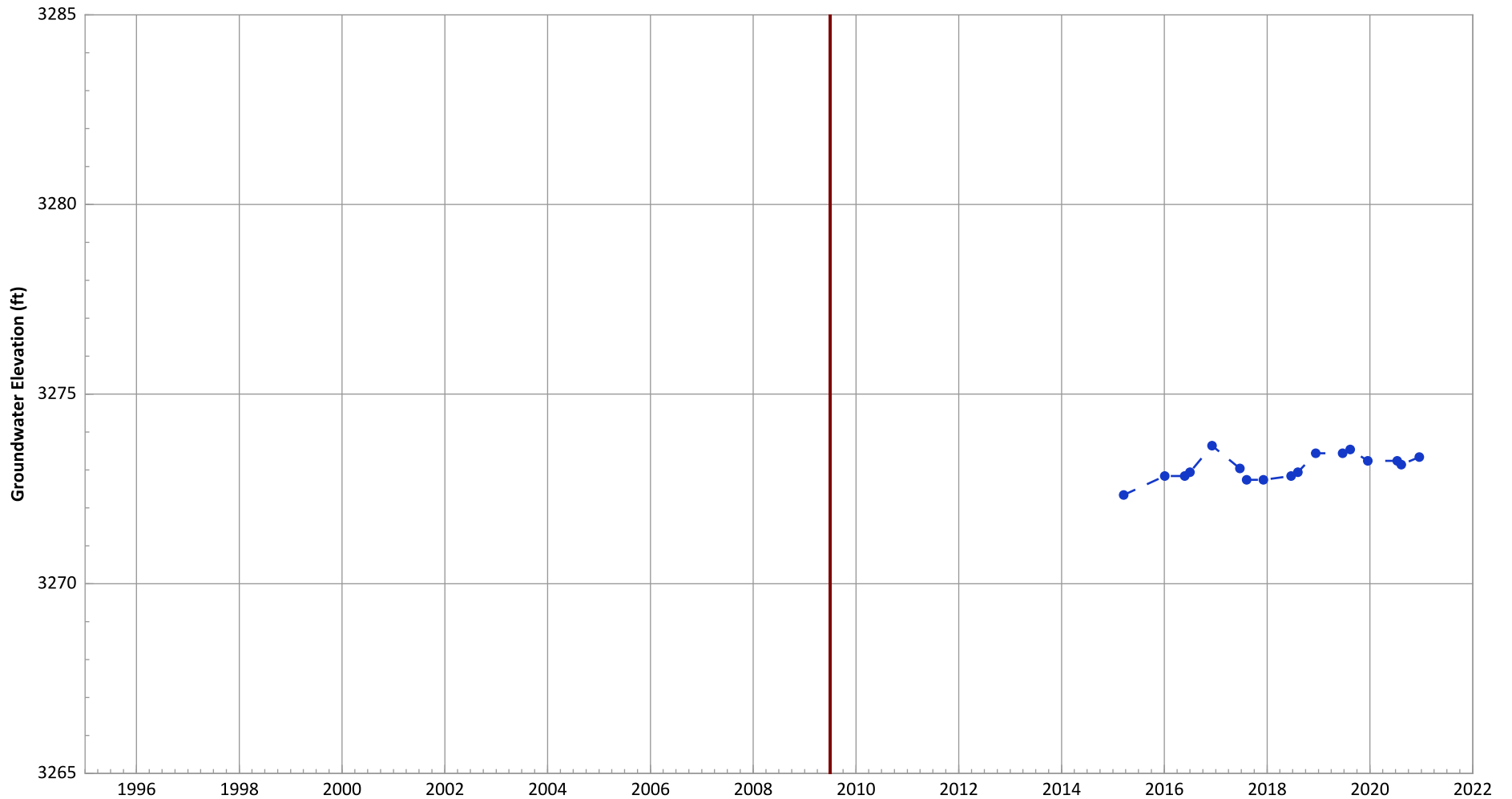
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.16 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.12 ft/yr

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

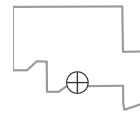


Notes:

1. Top of screen elevation is 3267.42 ft msl.
 2. The bottom of screen elevation is 3257.42 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

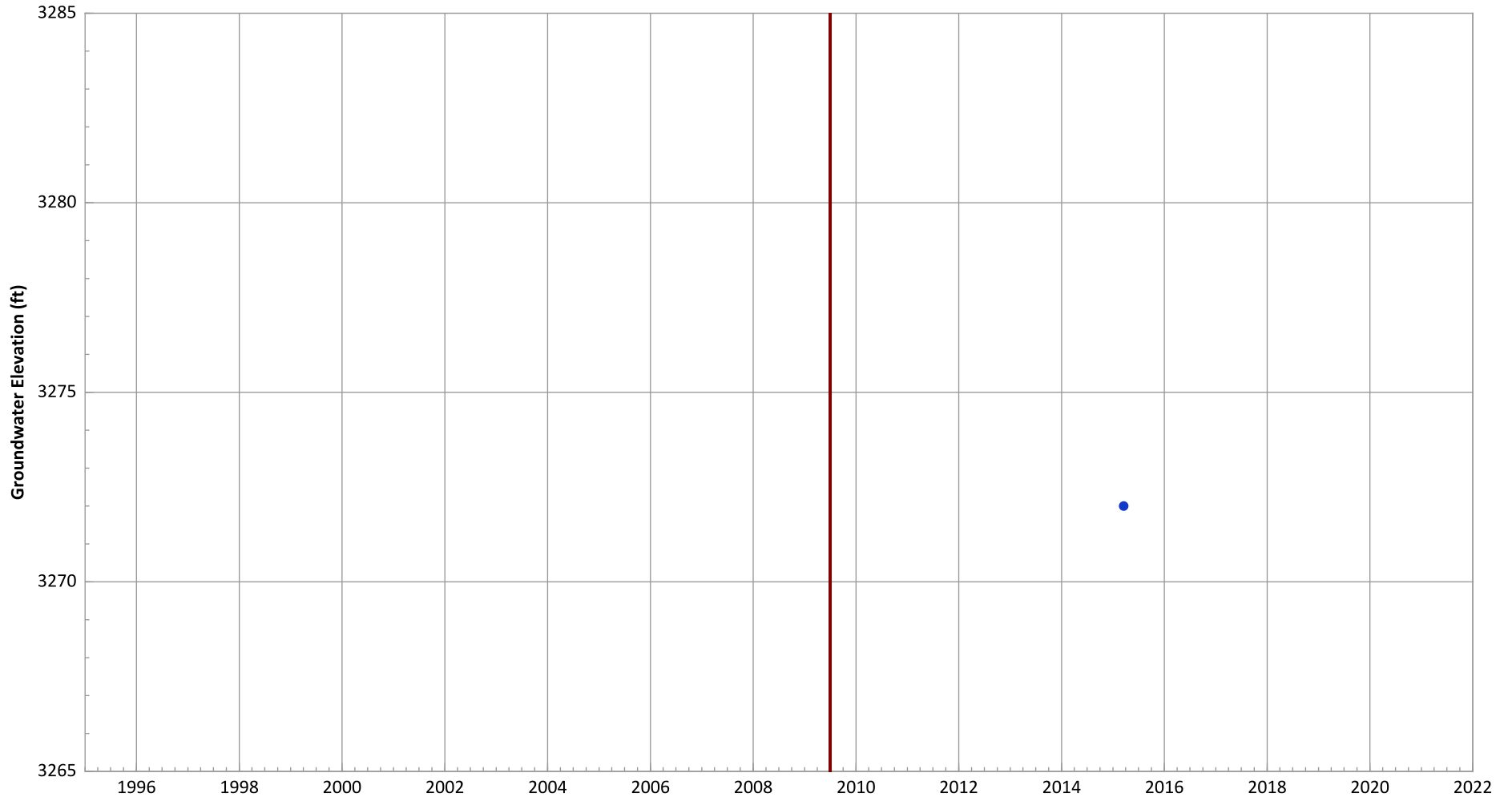
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.16 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.12 ft/yr

**PTX06-1172 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

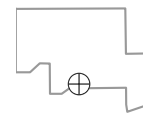


Notes:

1. Top of screen elevation is 3267.32 ft msl.
 2. The bottom of screen elevation is 3257.32 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

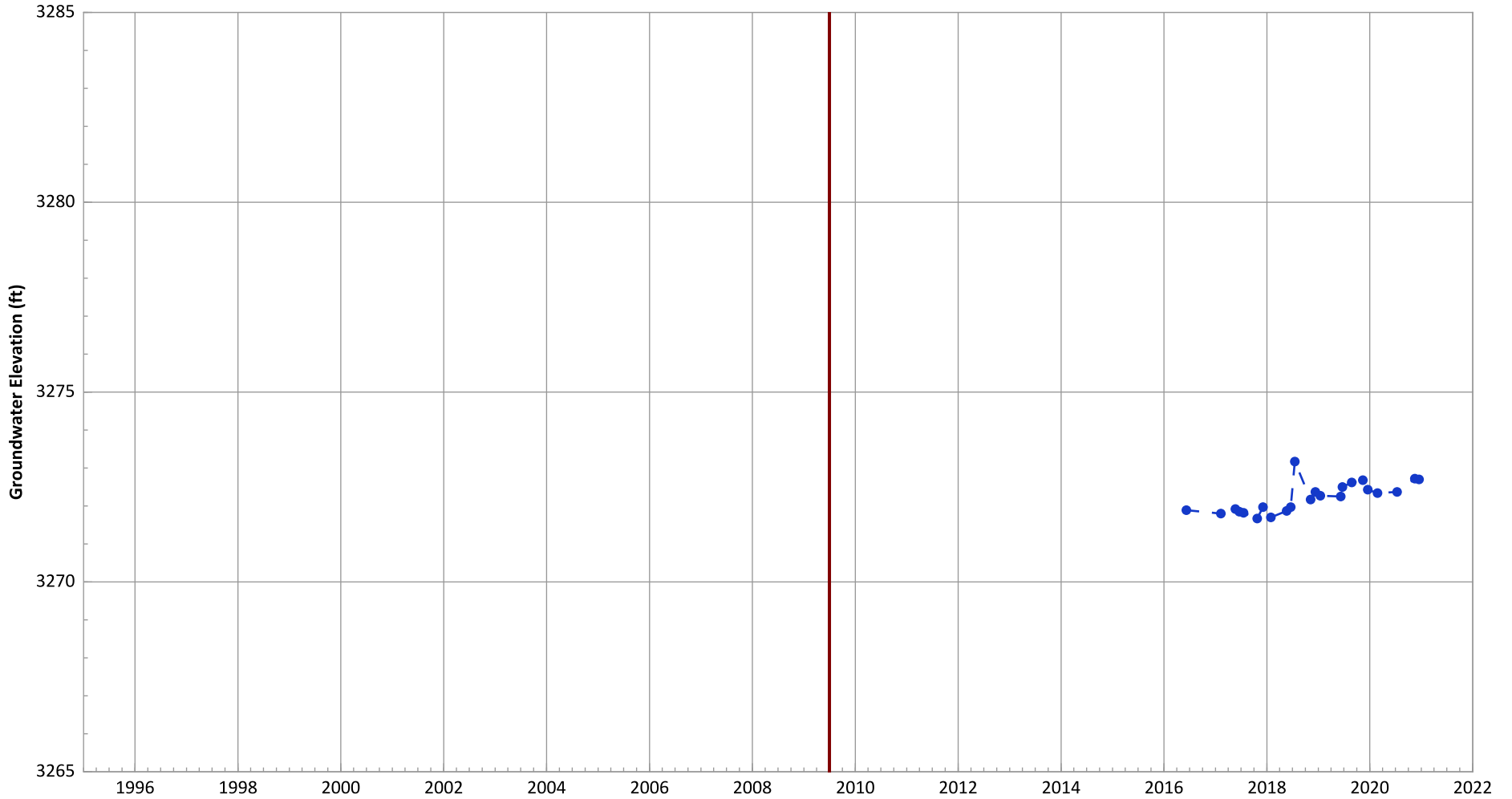
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



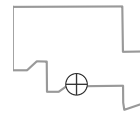
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

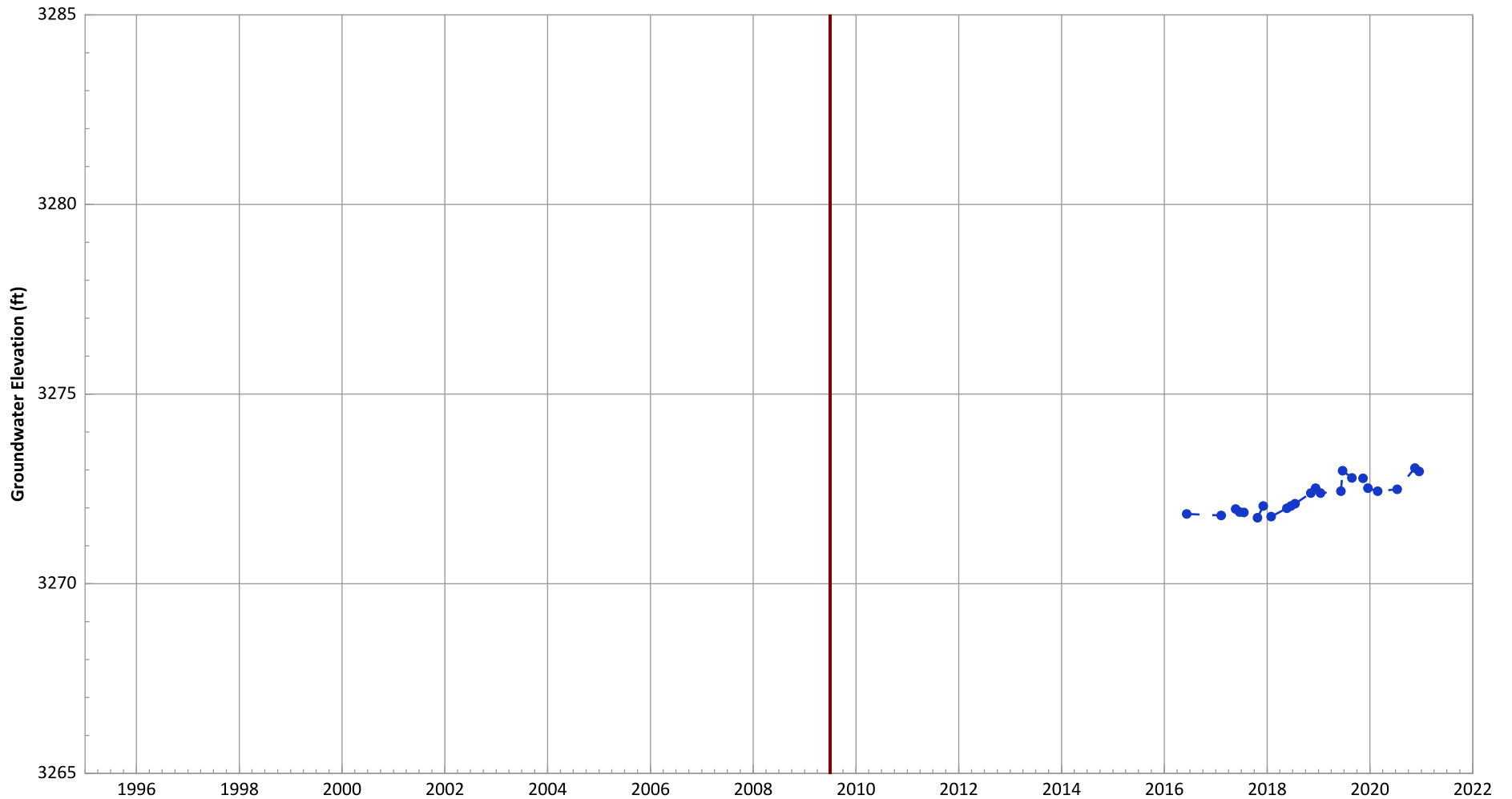
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.16 ft/yr
Data (7/2009 - 1/2021): Increasing at 0.23 ft/yr

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

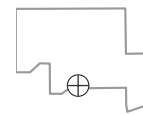


Notes:

1. Top of screen elevation is 3266.12 ft msl.
 2. The bottom of screen elevation is 3256.12 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

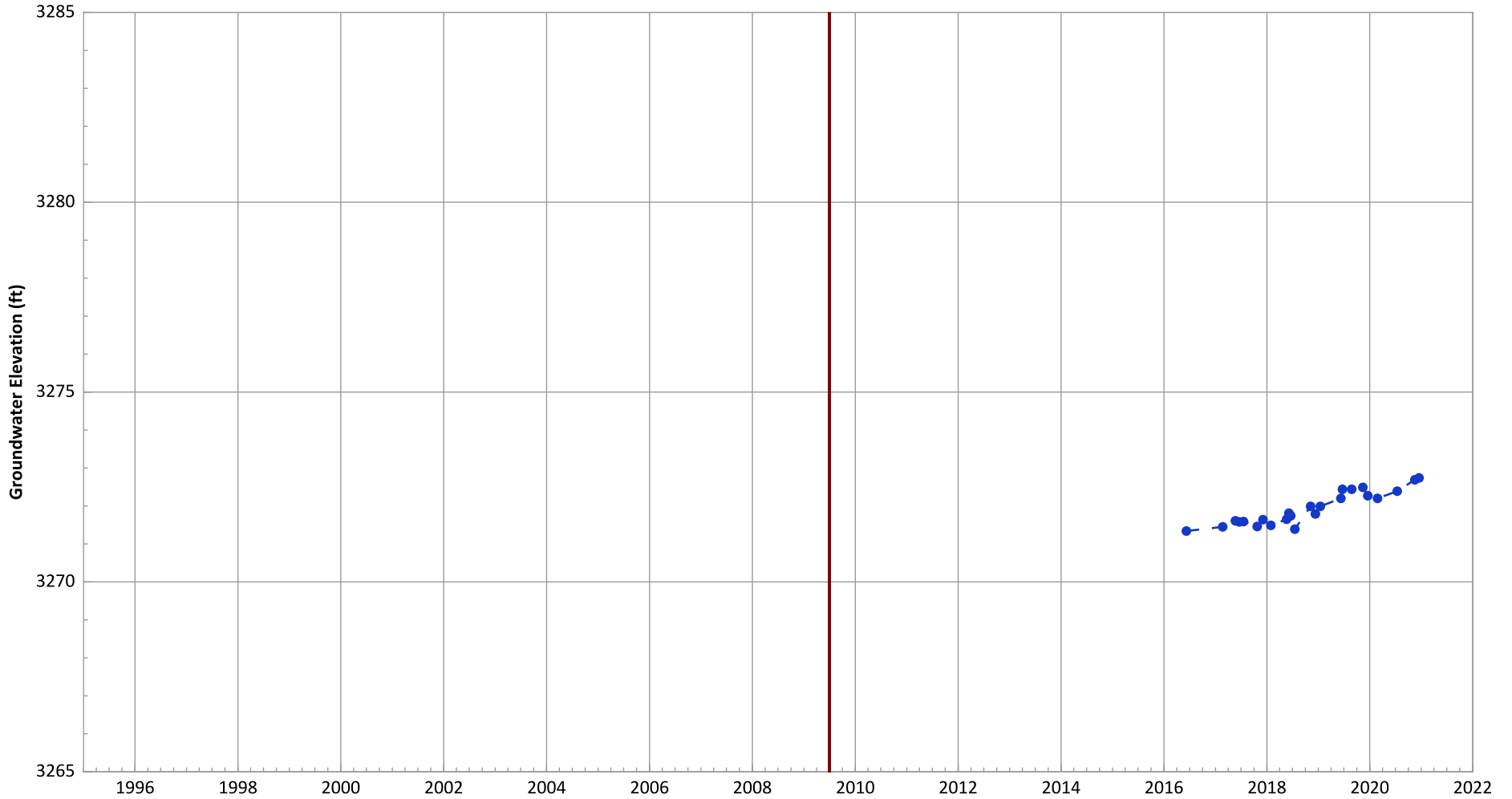
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.18 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.3 ft/yr

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



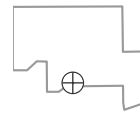
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

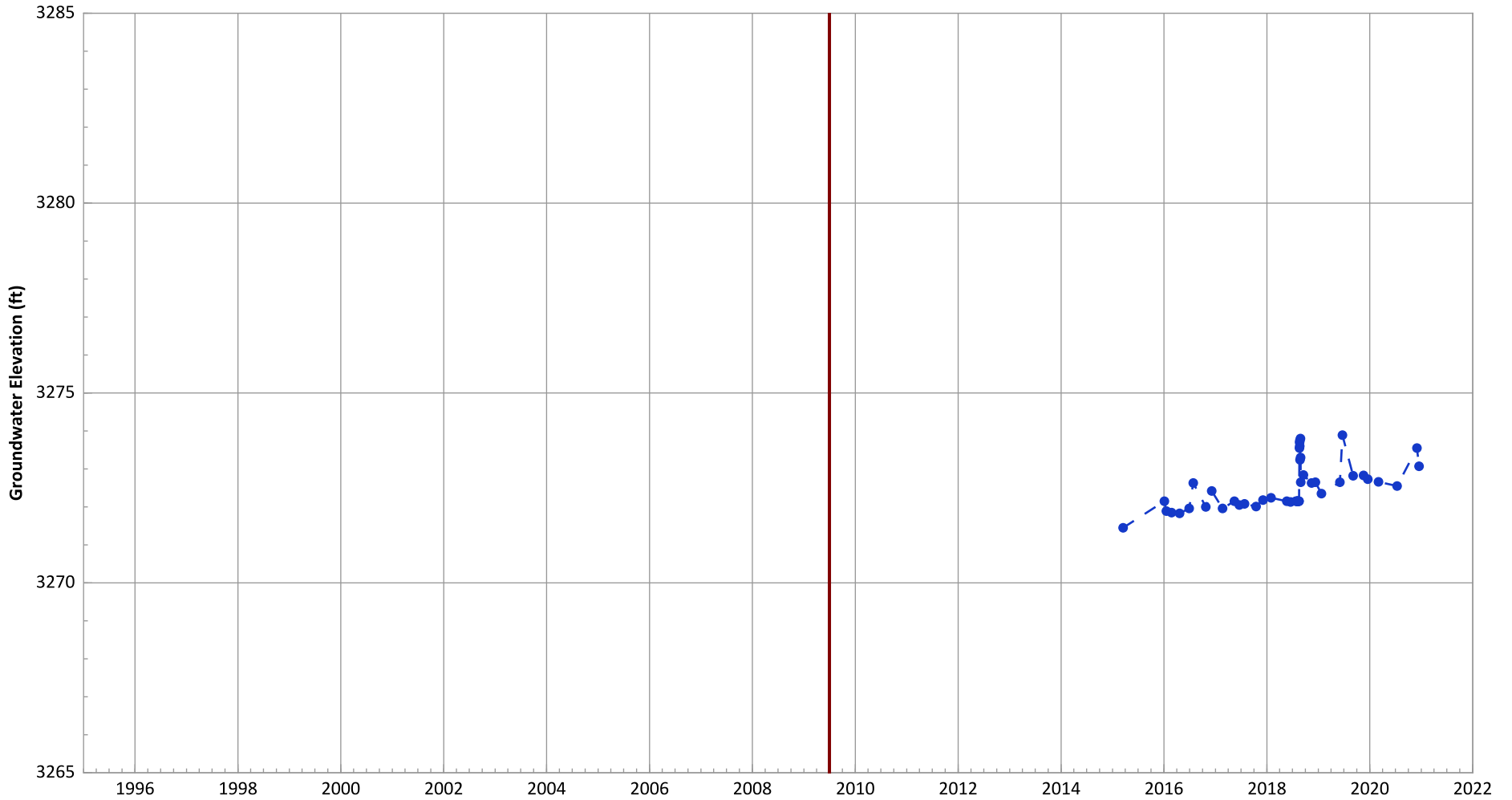
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.28 ft/yr
Data (7/2009 - 1/2021): Increasing at 0.33 ft/yr

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

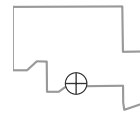


Notes:

1. Top of screen elevation is 3264.94 ft msl.
 2. The bottom of screen elevation is 3254.94 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

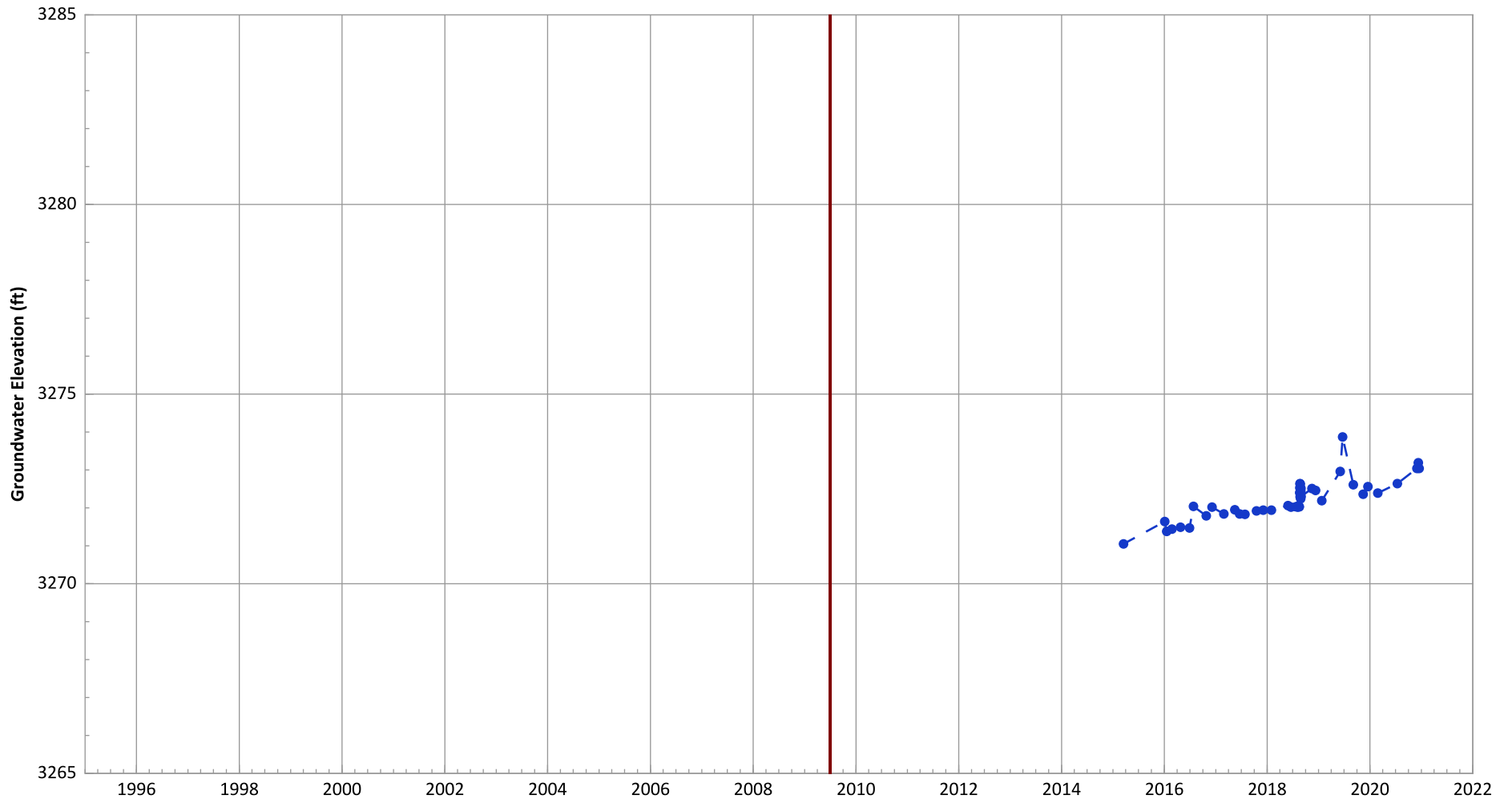
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.19 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.27 ft/yr

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

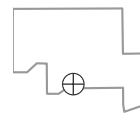


Notes:

1. Top of screen elevation is 3270.69 ft msl.
 2. The bottom of screen elevation is 3260.69 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

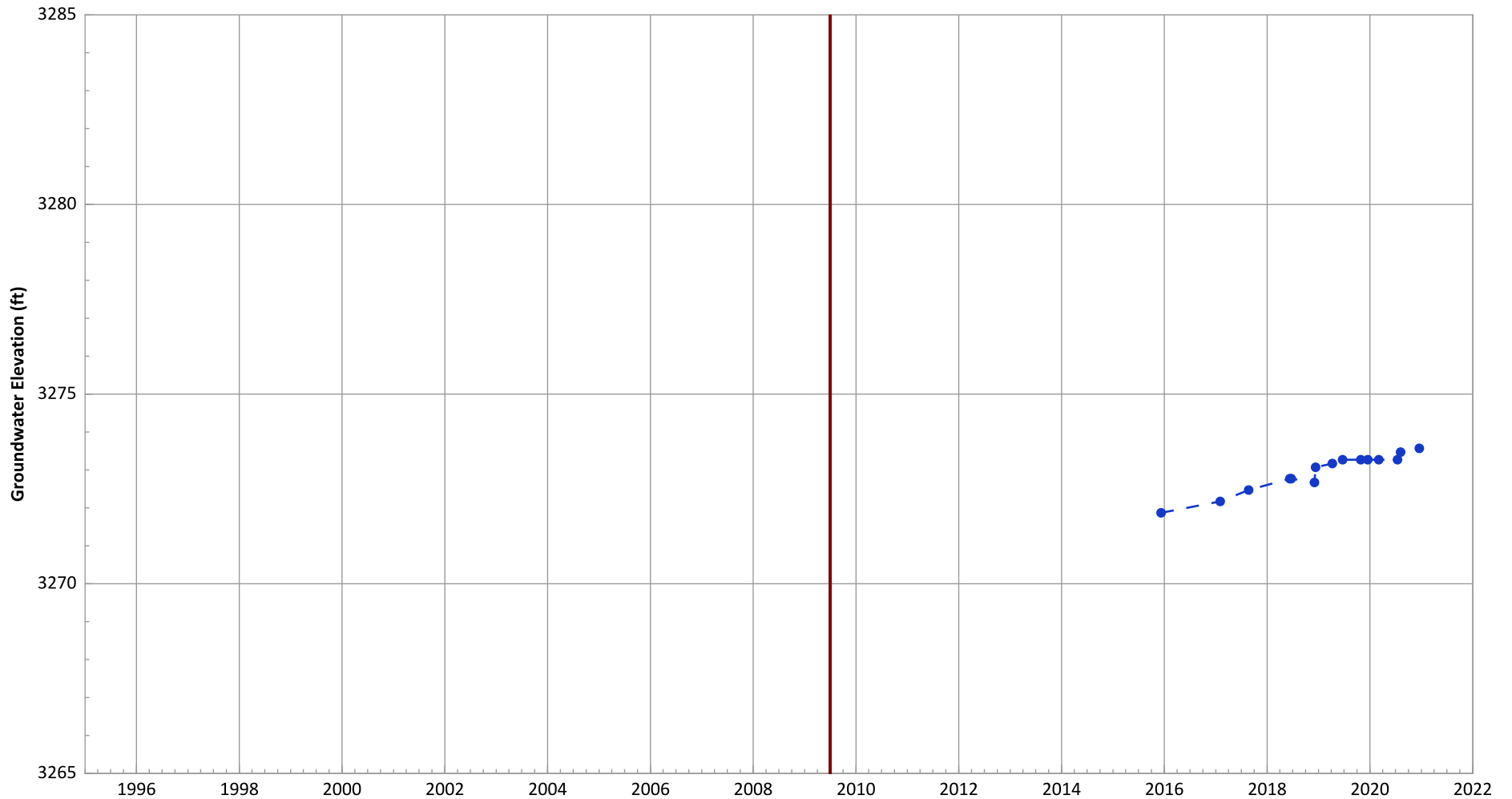
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.16 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.32 ft/yr

**PTX06-1180 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

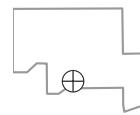


Notes:

1. Top of screen elevation is 3268.29 ft msl.
 2. The bottom of screen elevation is 3258.29 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

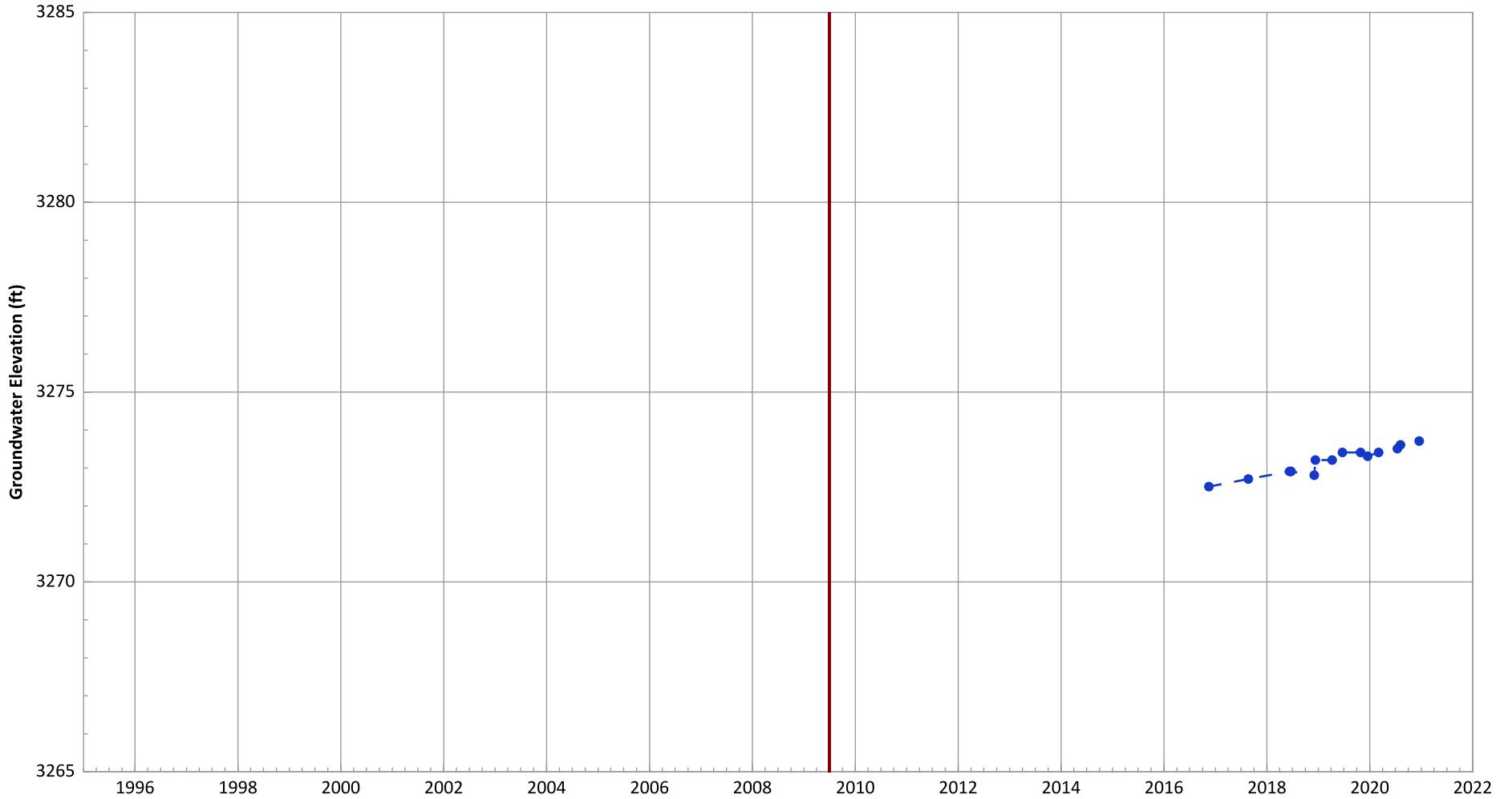
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.19 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.34 ft/yr

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



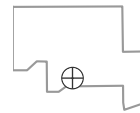
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

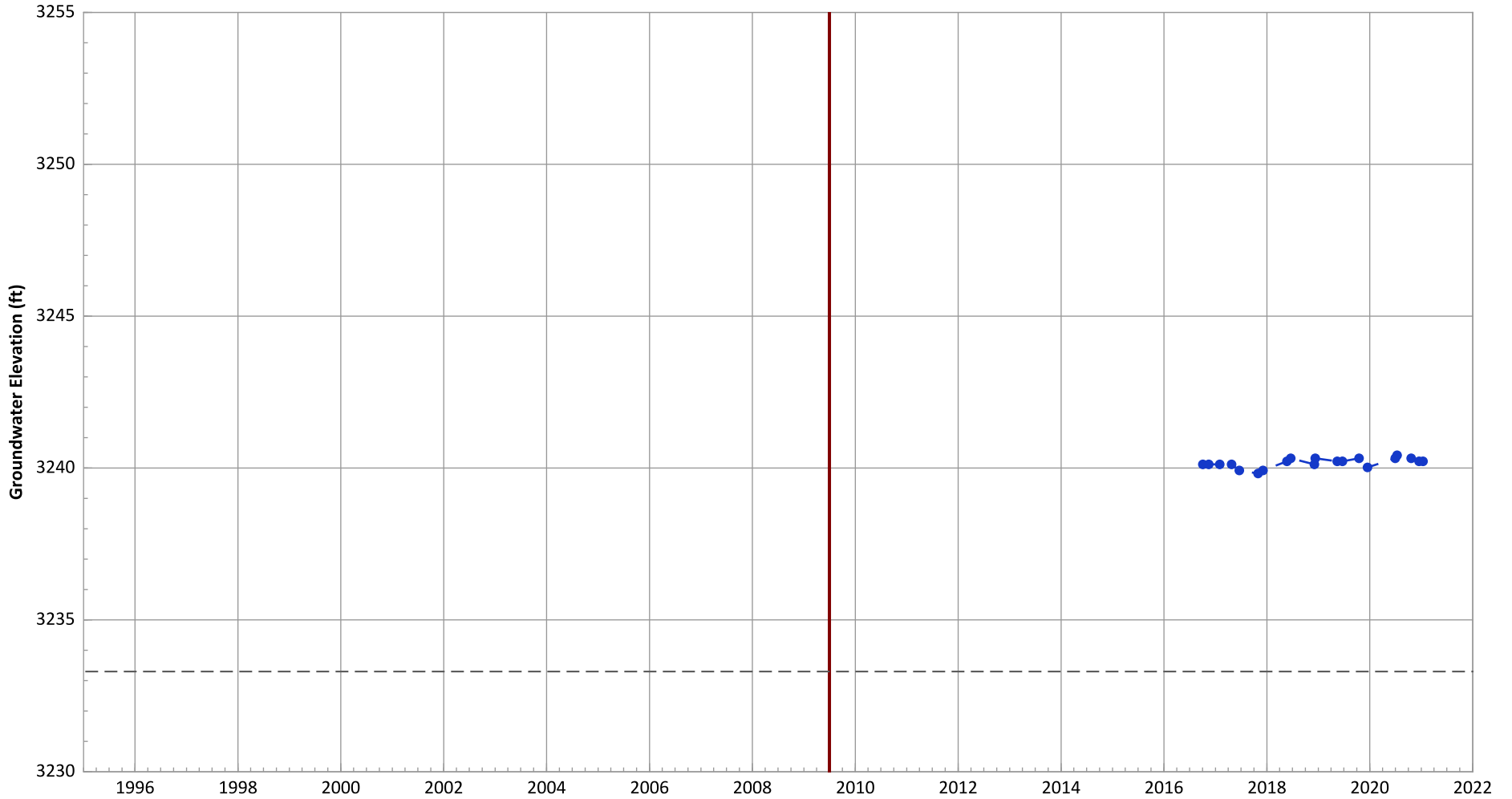
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.25 ft/yr
Data (7/2009 - 1/2021): Increasing at 0.3 ft/yr

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



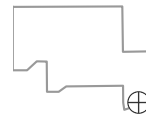
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

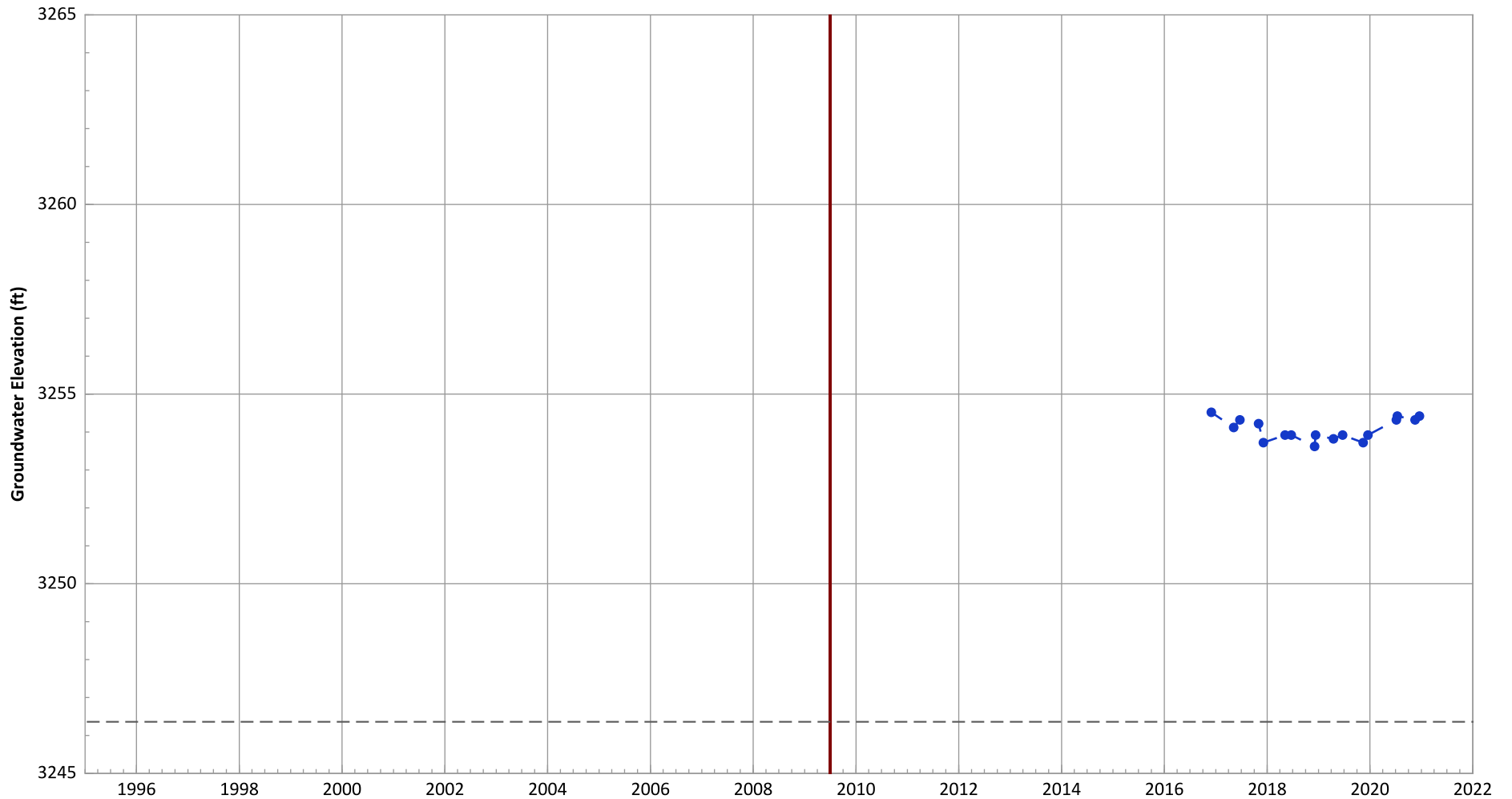
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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

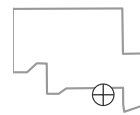


Notes:

1. Top of screen elevation is 3256.36 ft msl.
 2. The bottom of screen elevation is 3246.36 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

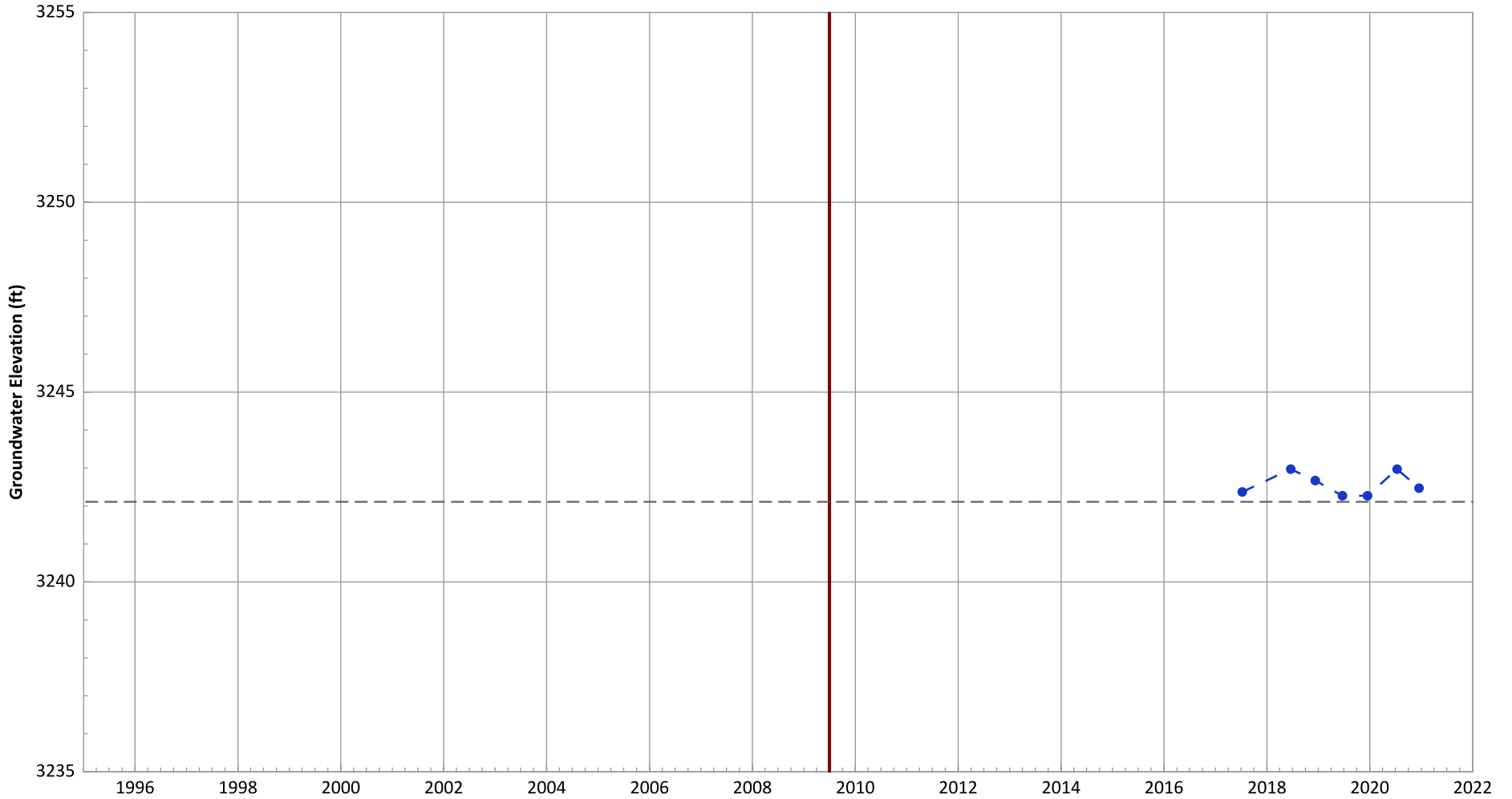
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.4 ft/yr
 Data (7/2009 - 1/2021): No Trend

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

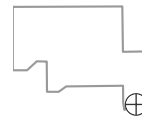


Notes:

1. Top of screen elevation is 3252.11 ft msl.
 2. The bottom of screen elevation is 3242.11 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

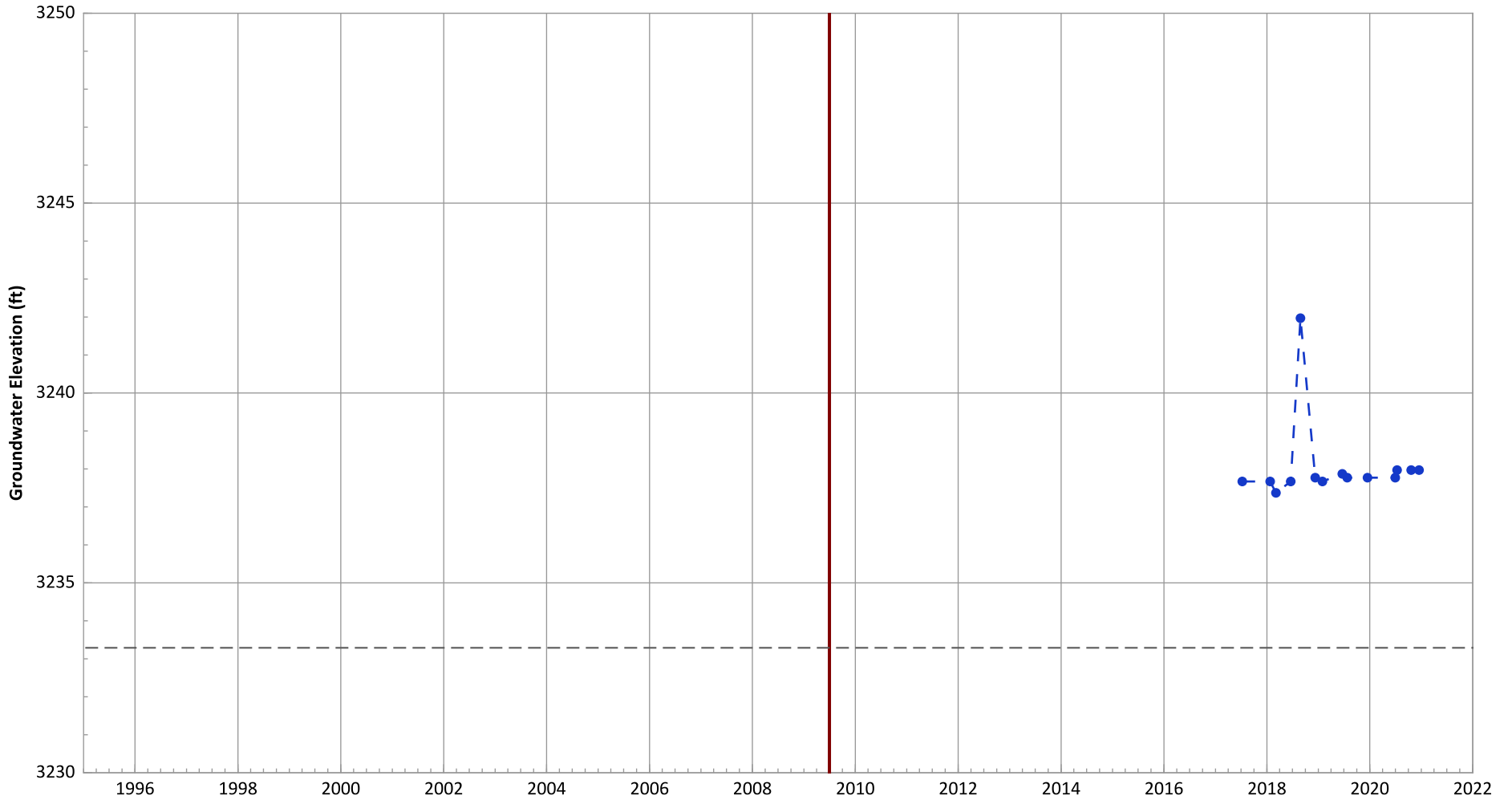
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.28 ft/yr
 Data (7/2009 - 1/2021): No Trend

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

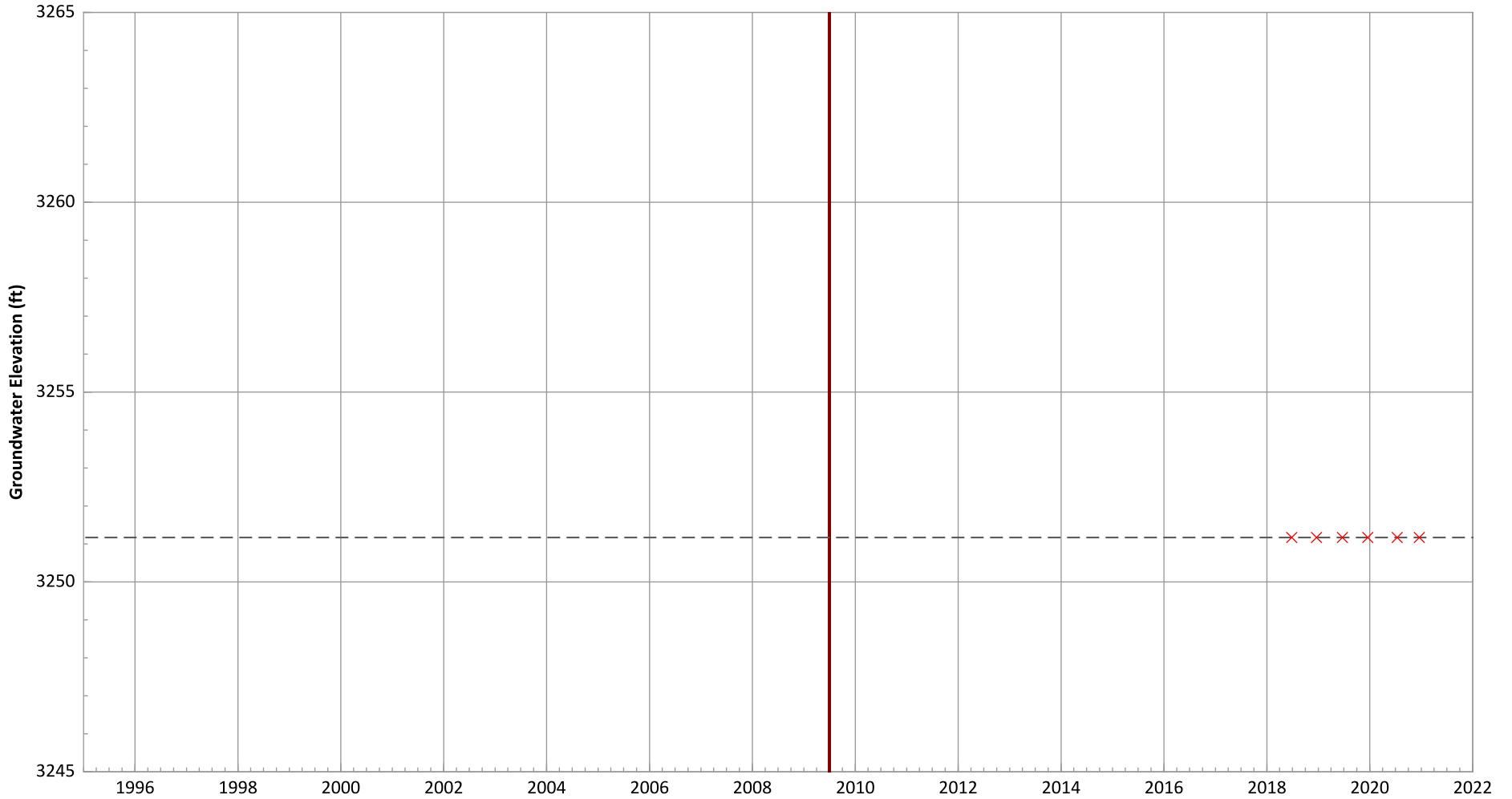
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.13 ft/yr
 Data (7/2009 - 1/2021): No Trend

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



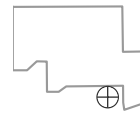
Notes:

1. Top of screen elevation is 3261.17 ft msl.
2. The bottom of screen elevation is 3251.17 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

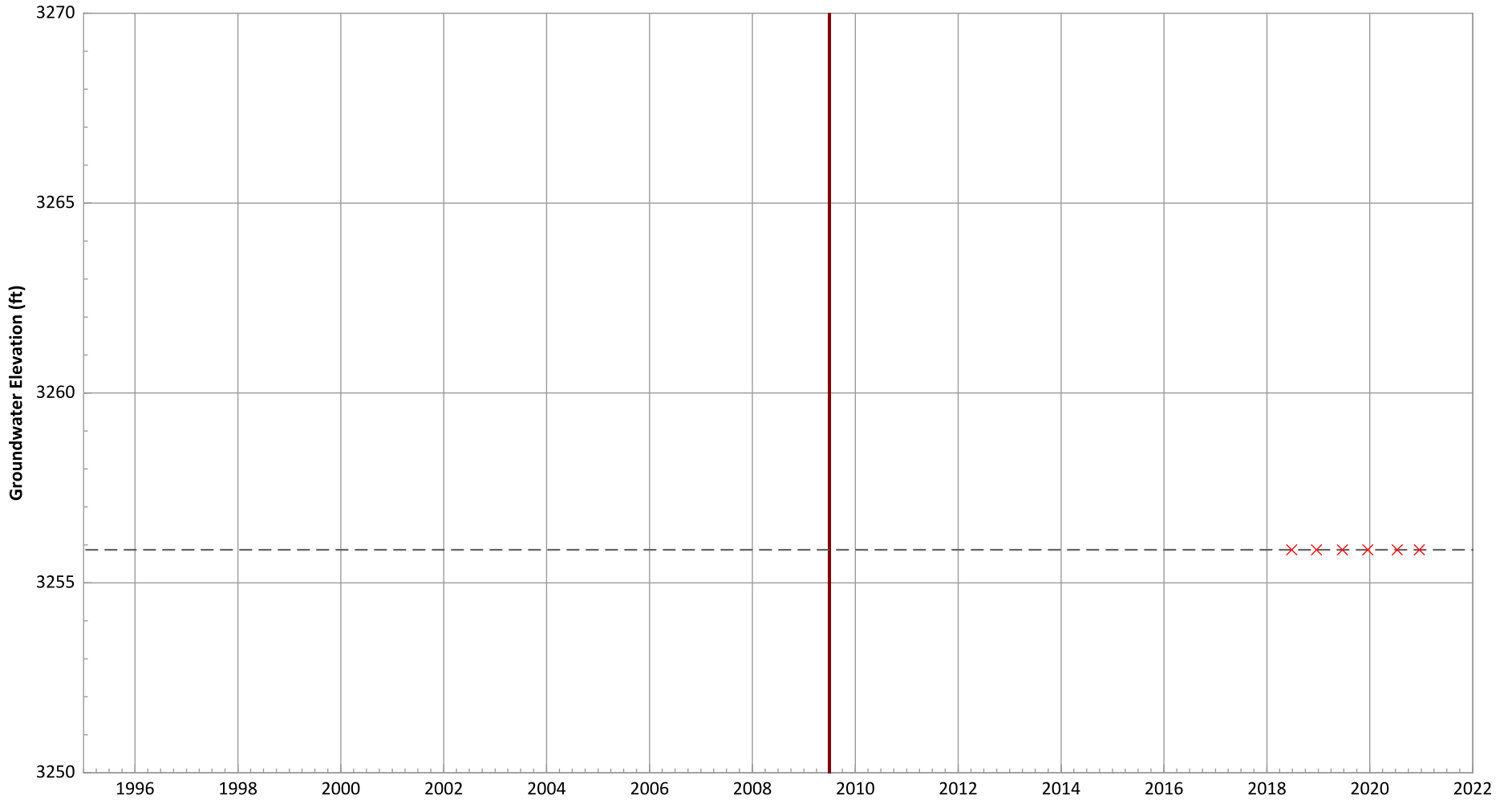
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



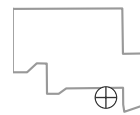
Notes:

1. Top of screen elevation is 3265.87 ft msl.
2. The bottom of screen elevation is 3255.87 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

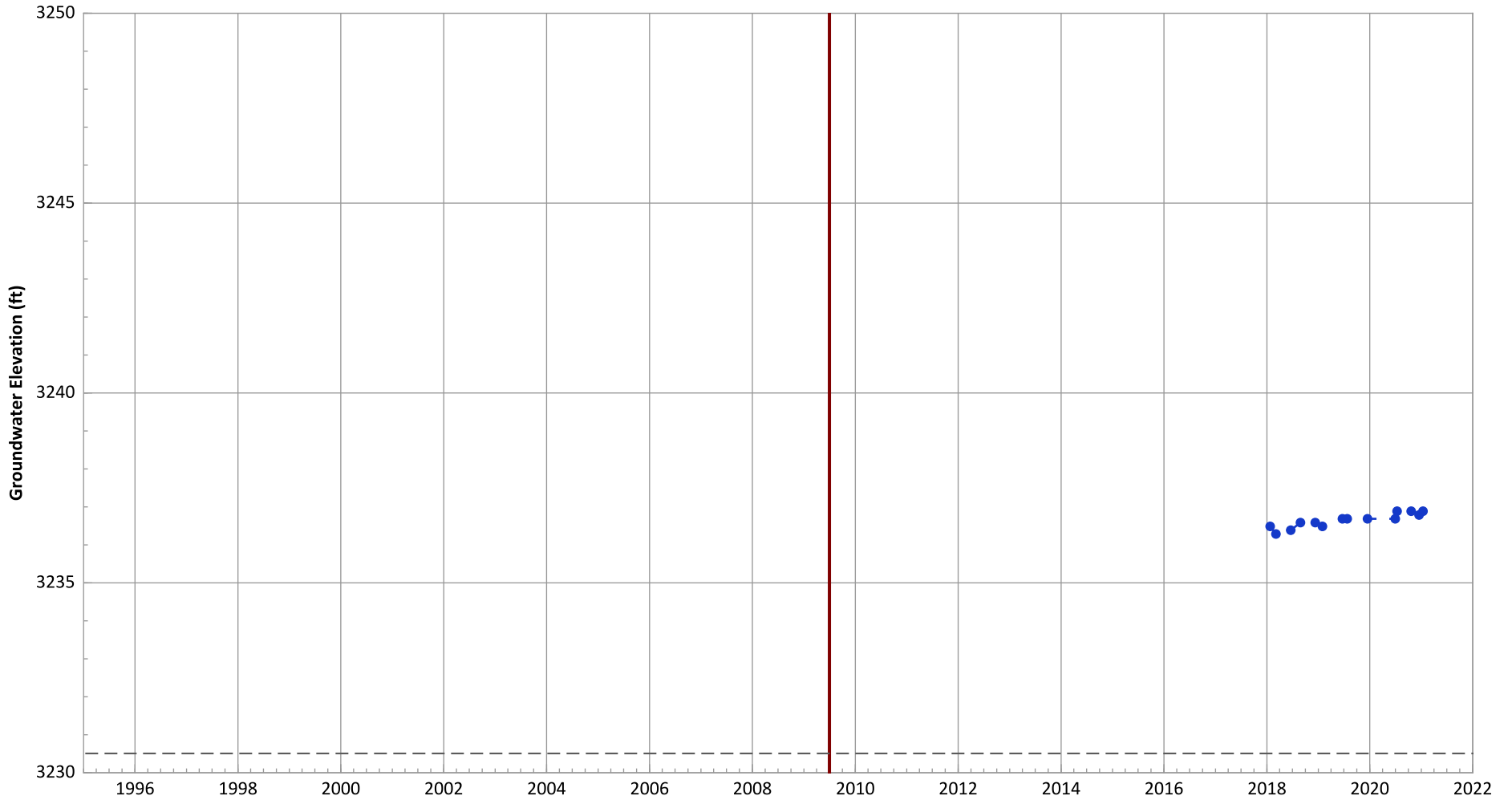
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

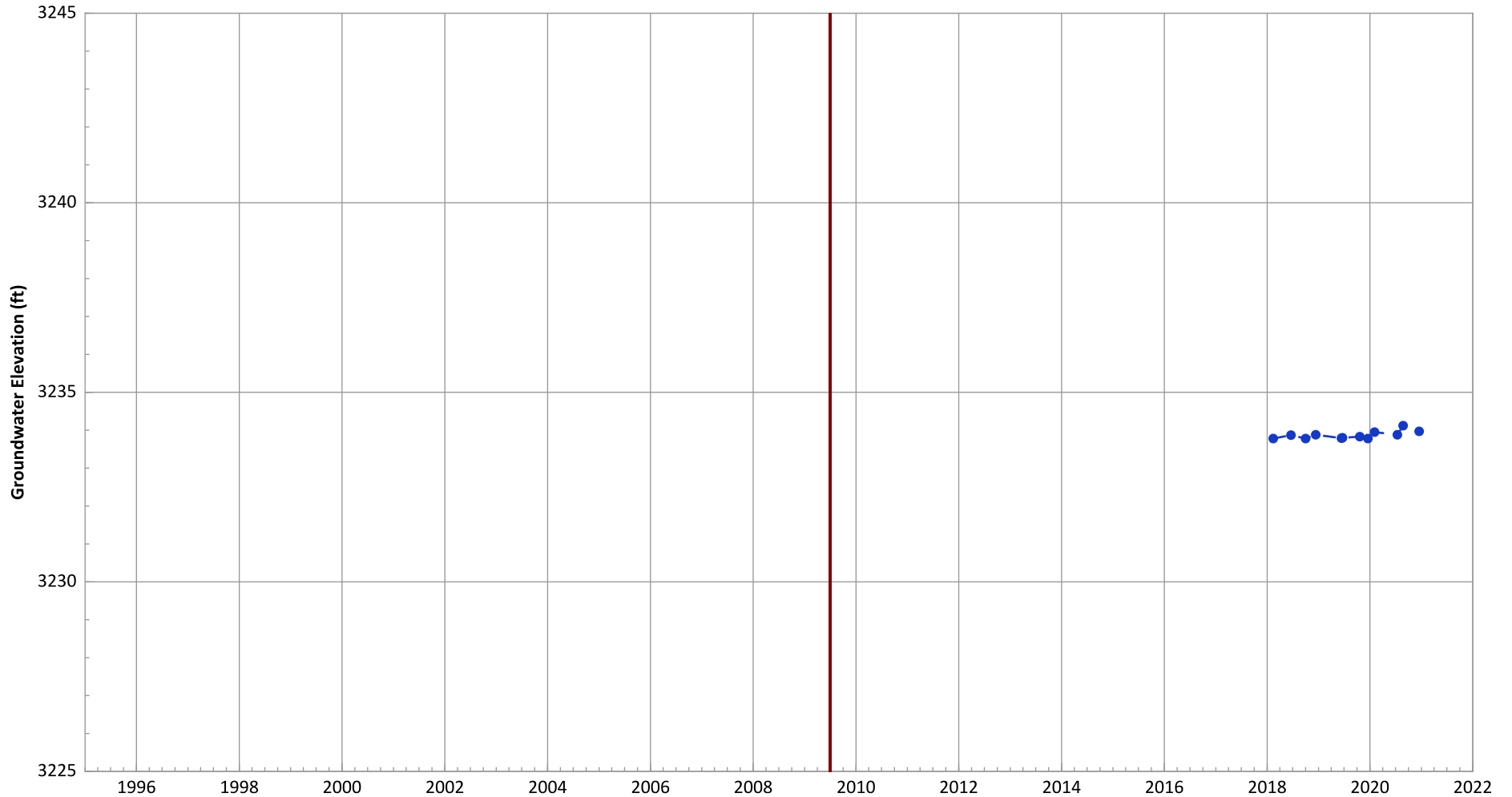
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.16 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.16 ft/yr

**PTX06-1191 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



Notes:

1. Top of screen elevation is 3237.02 ft msl.
 2. The bottom of screen elevation is 3222.02 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

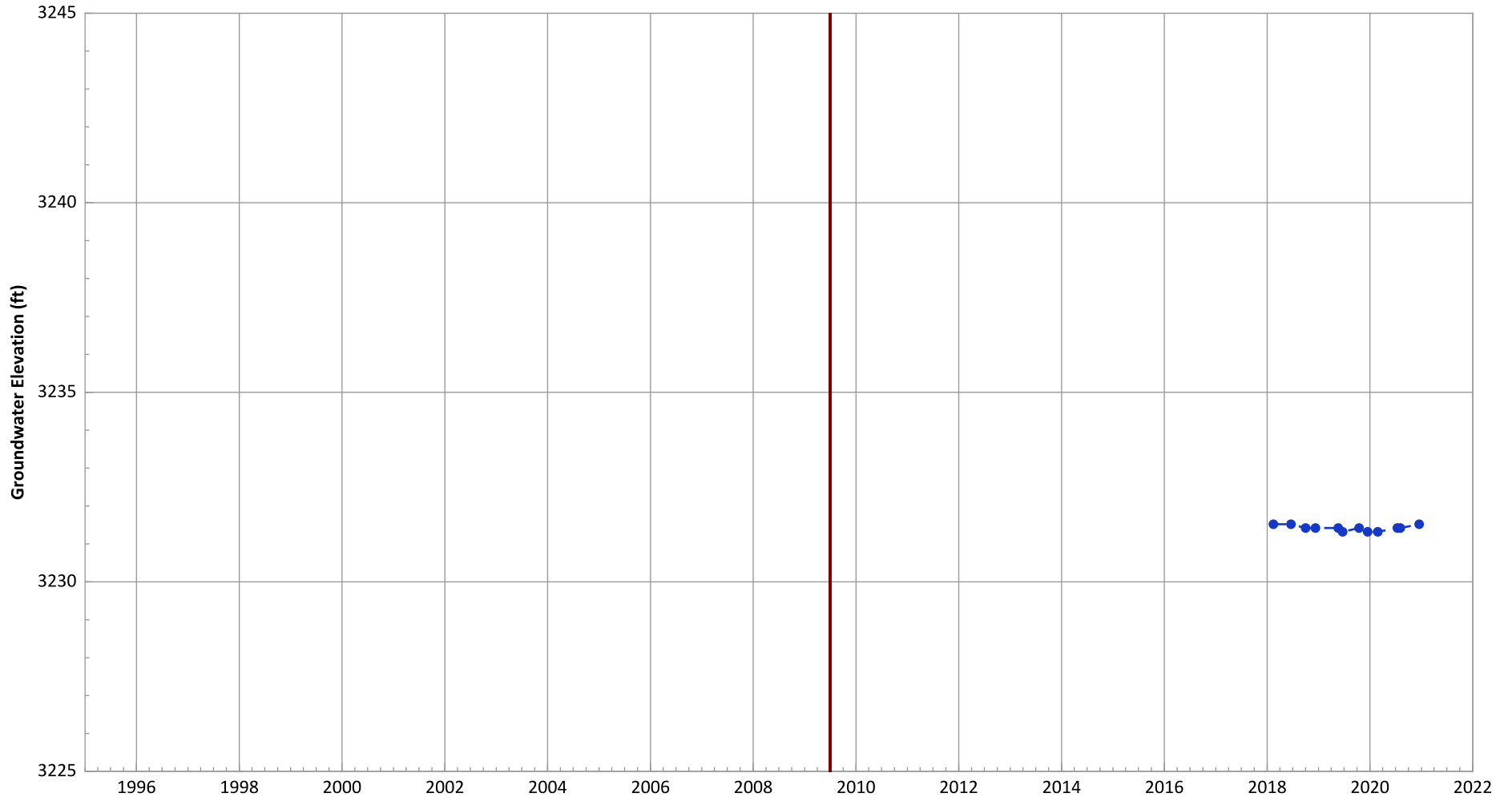
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.16 ft/yr
 Data (7/2009 - 1/2021): No Trend

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

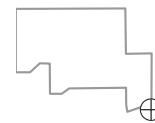


Notes:

1. Top of screen elevation is 3238.23 ft msl.
 2. The bottom of screen elevation is 3218.23 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

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



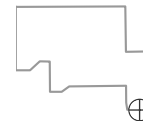
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

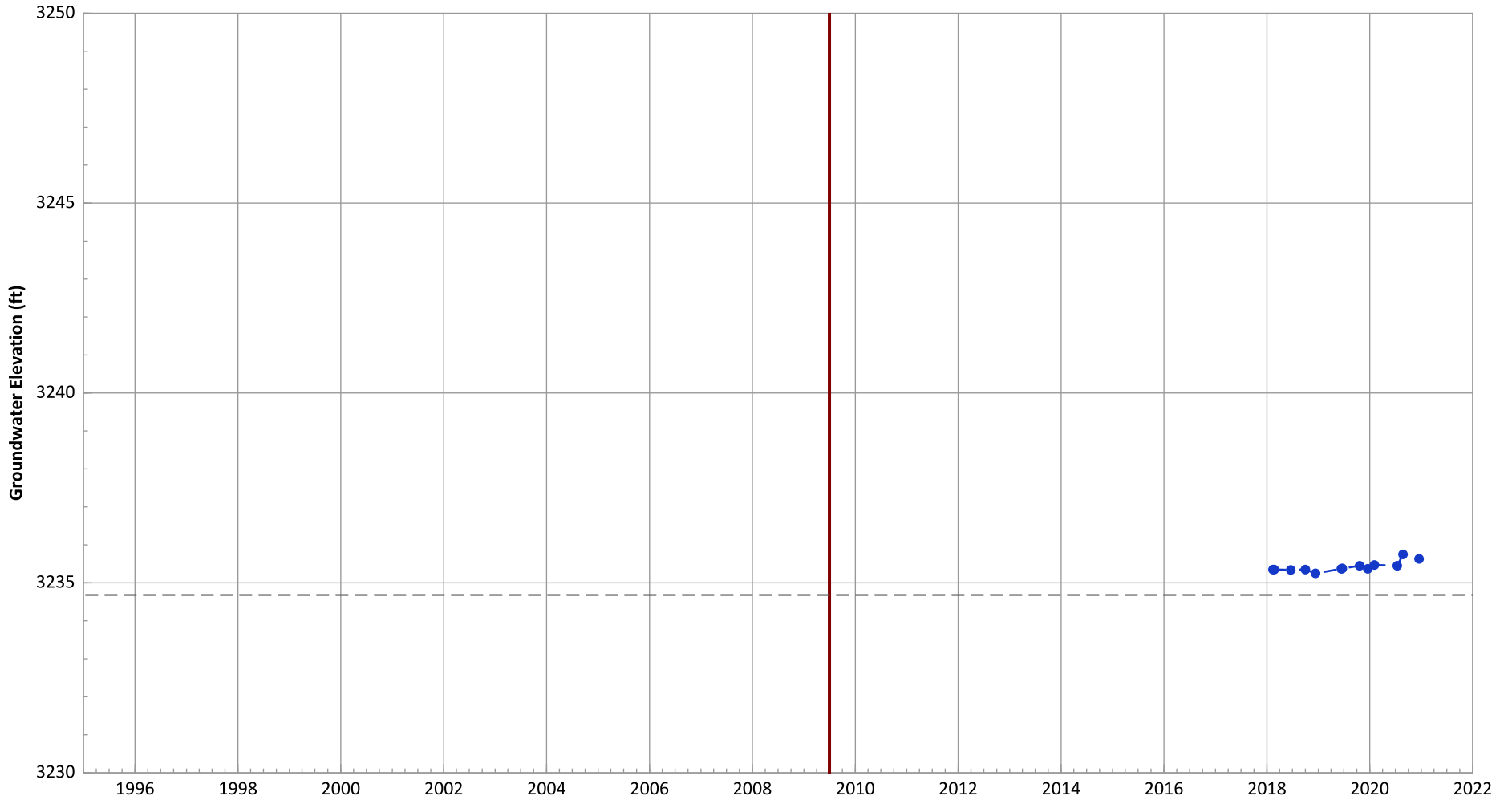
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.34 ft/yr
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

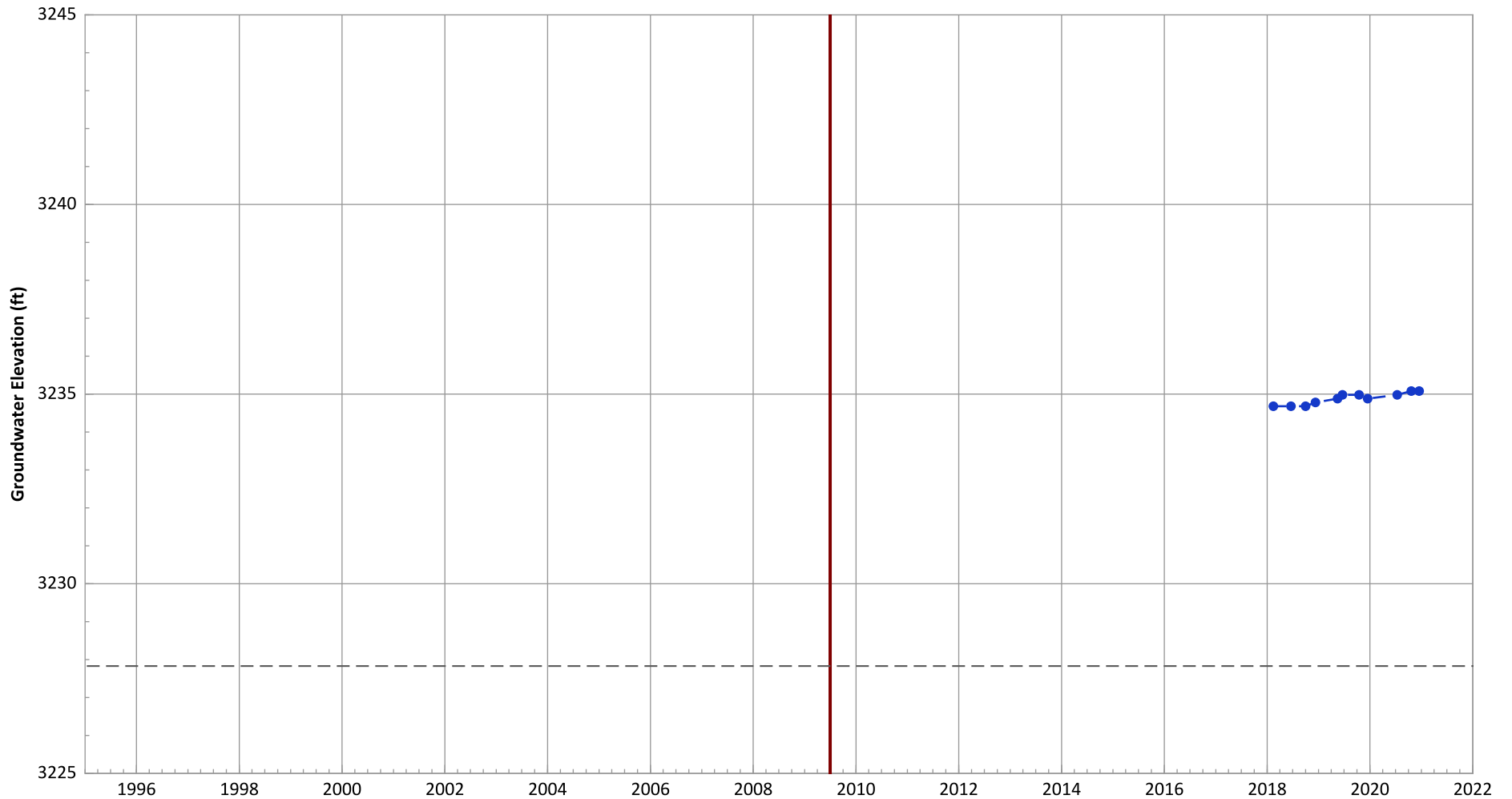
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.2 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.11 ft/yr

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



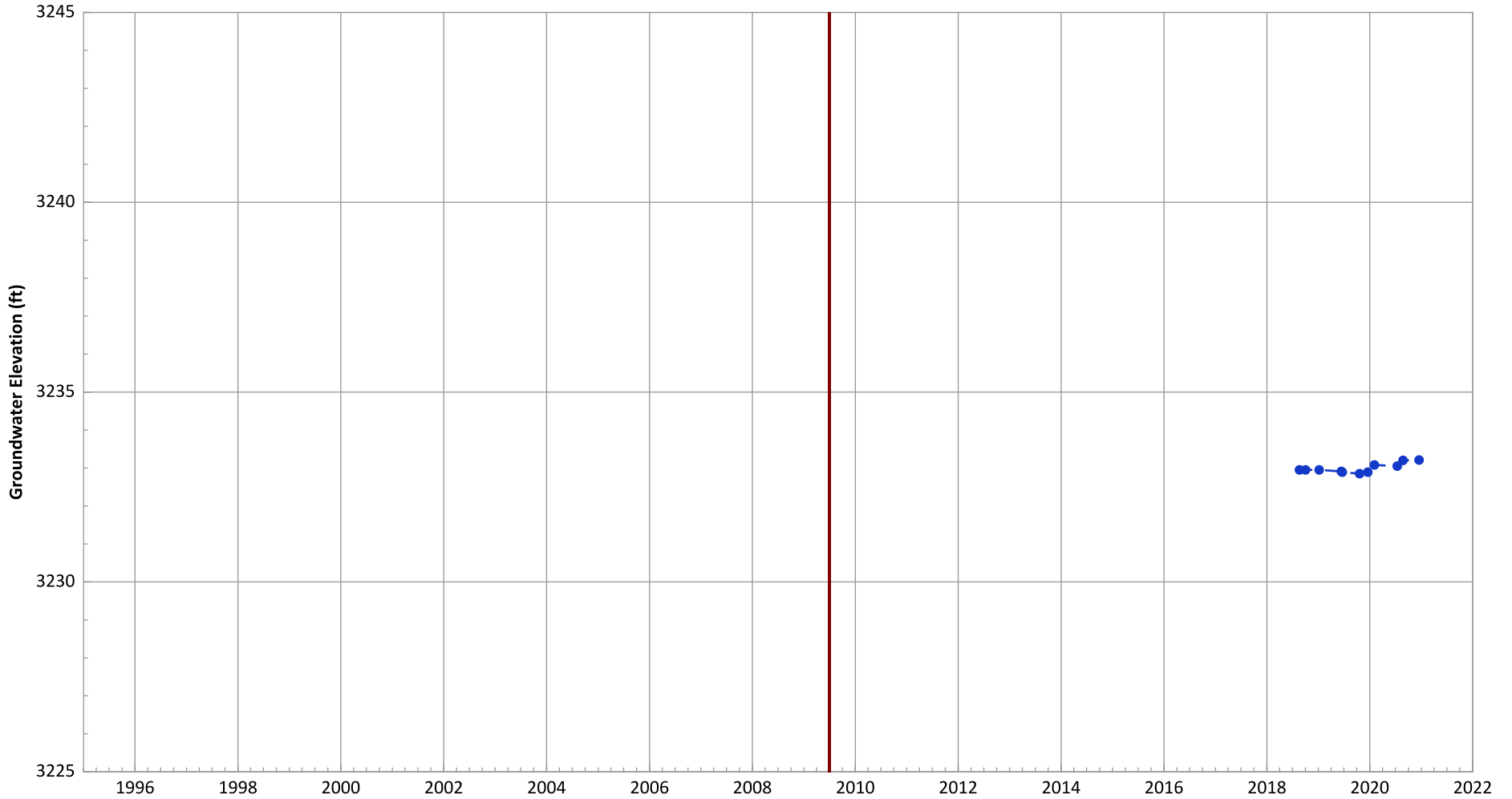
Hydrograph Trend

(MAROS Linear Regression Method)

2019 - 2021 Data: No Trend

Data (7/2009 - 1/2021): Increasing at 0.15 ft/yr

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

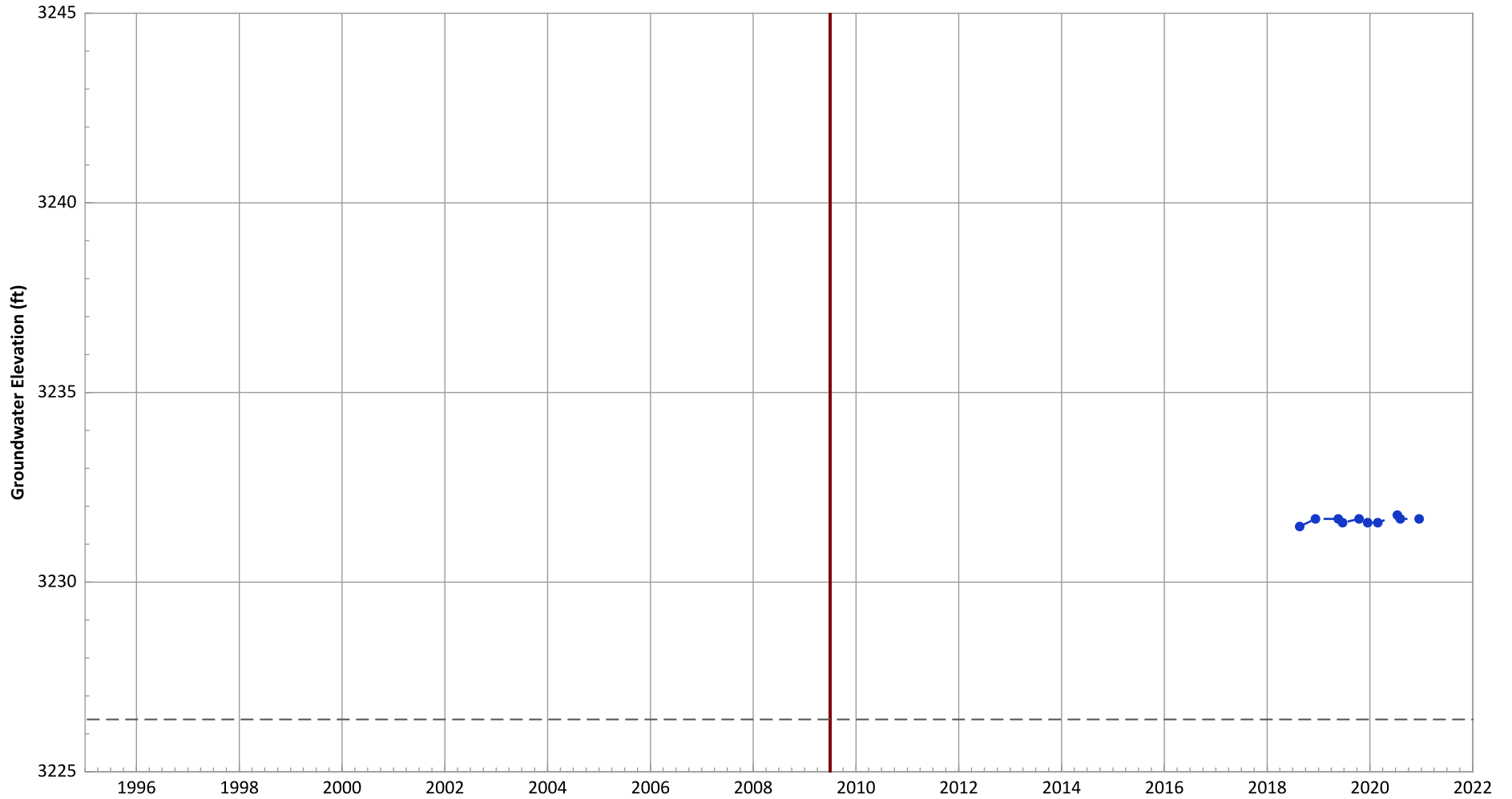
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.23 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.11 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

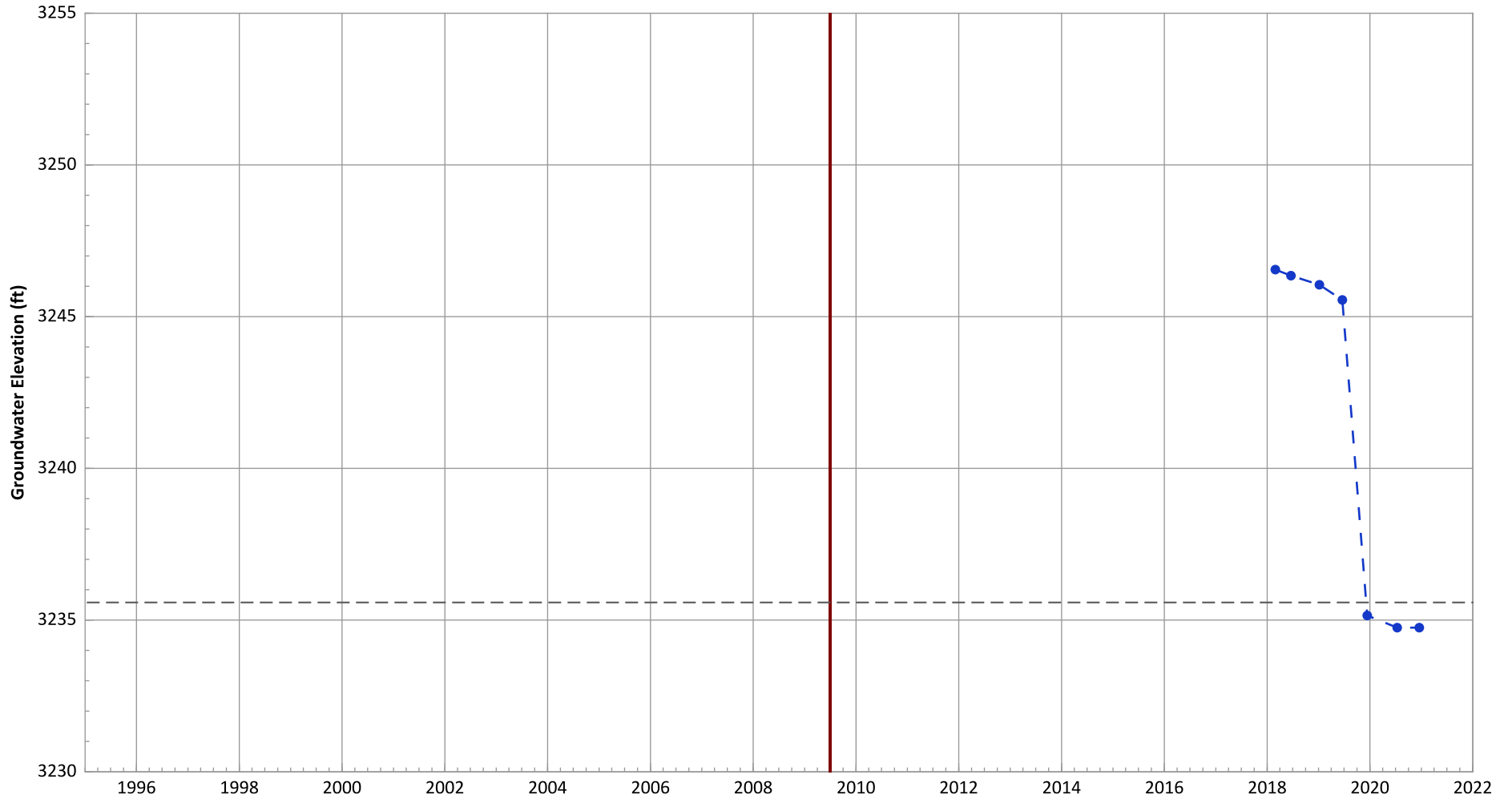
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

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

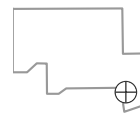


Notes:

1. Top of screen elevation is 3250.58 ft msl.
 2. The bottom of screen elevation is 3235.58 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

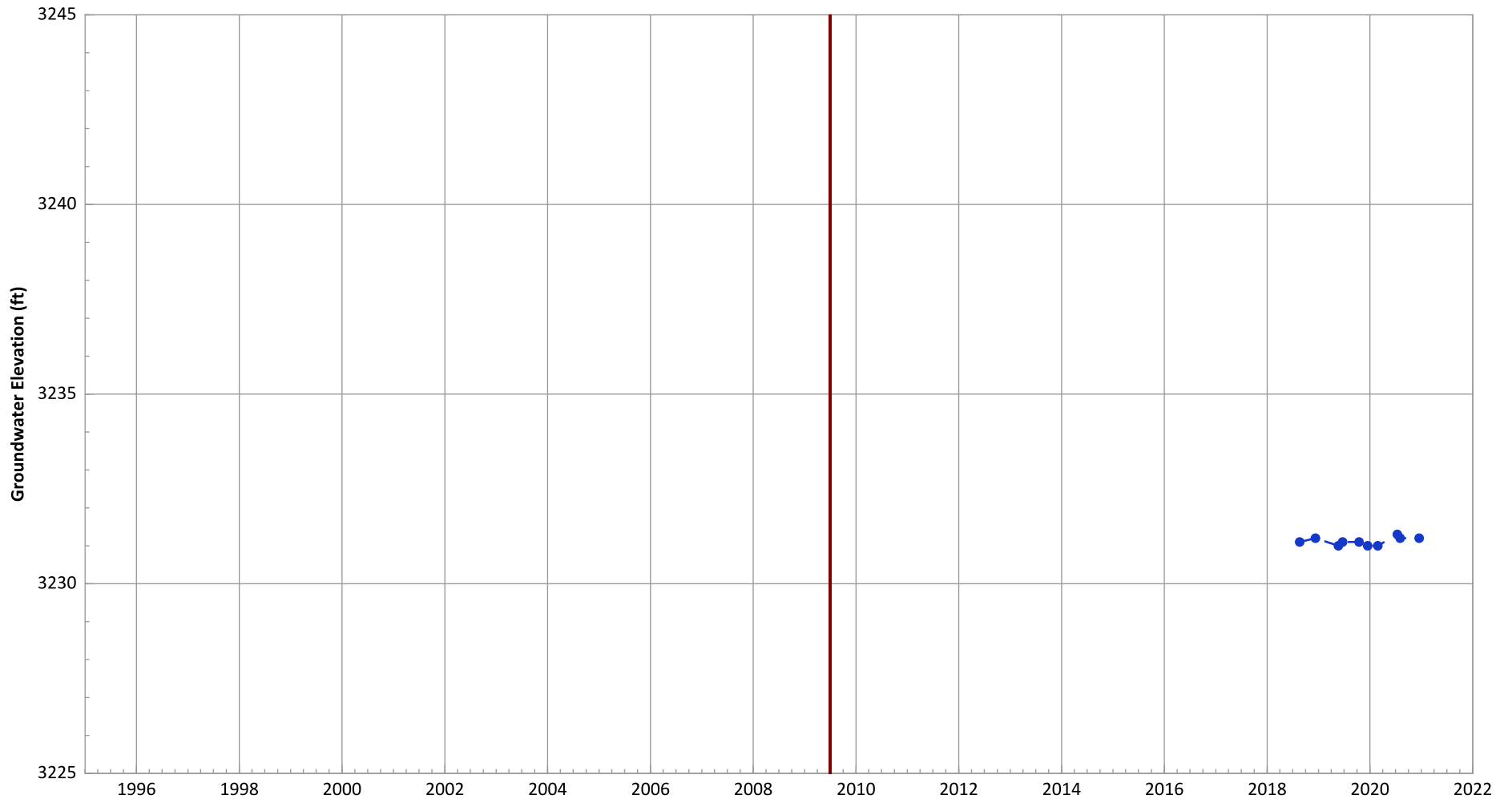
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 6.45 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 5.19 ft/yr

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

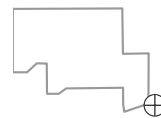


Notes:

1. Top of screen elevation is 3235.75 ft msl.
 2. The bottom of screen elevation is 3220.75 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

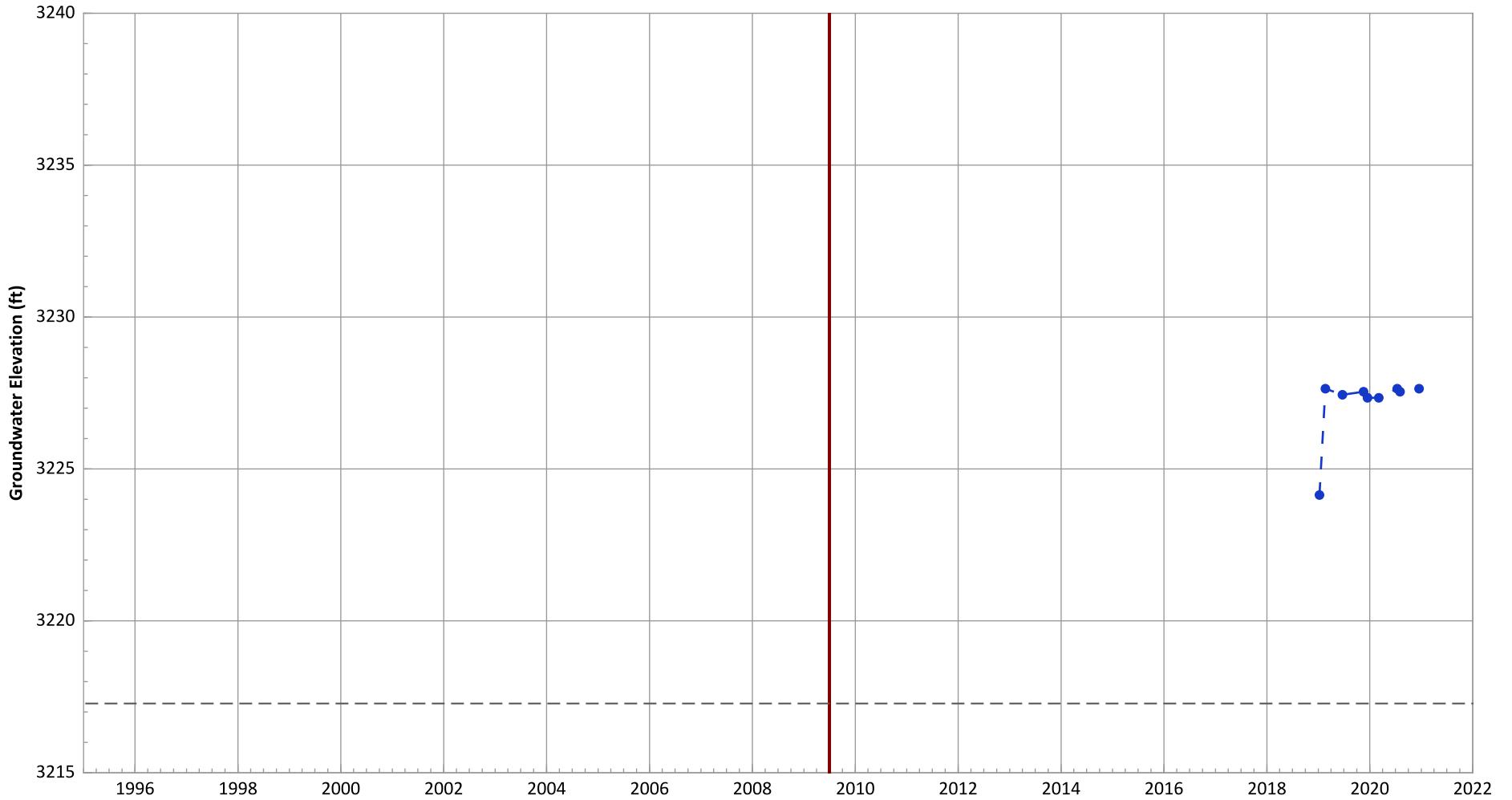
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.14 ft/yr
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

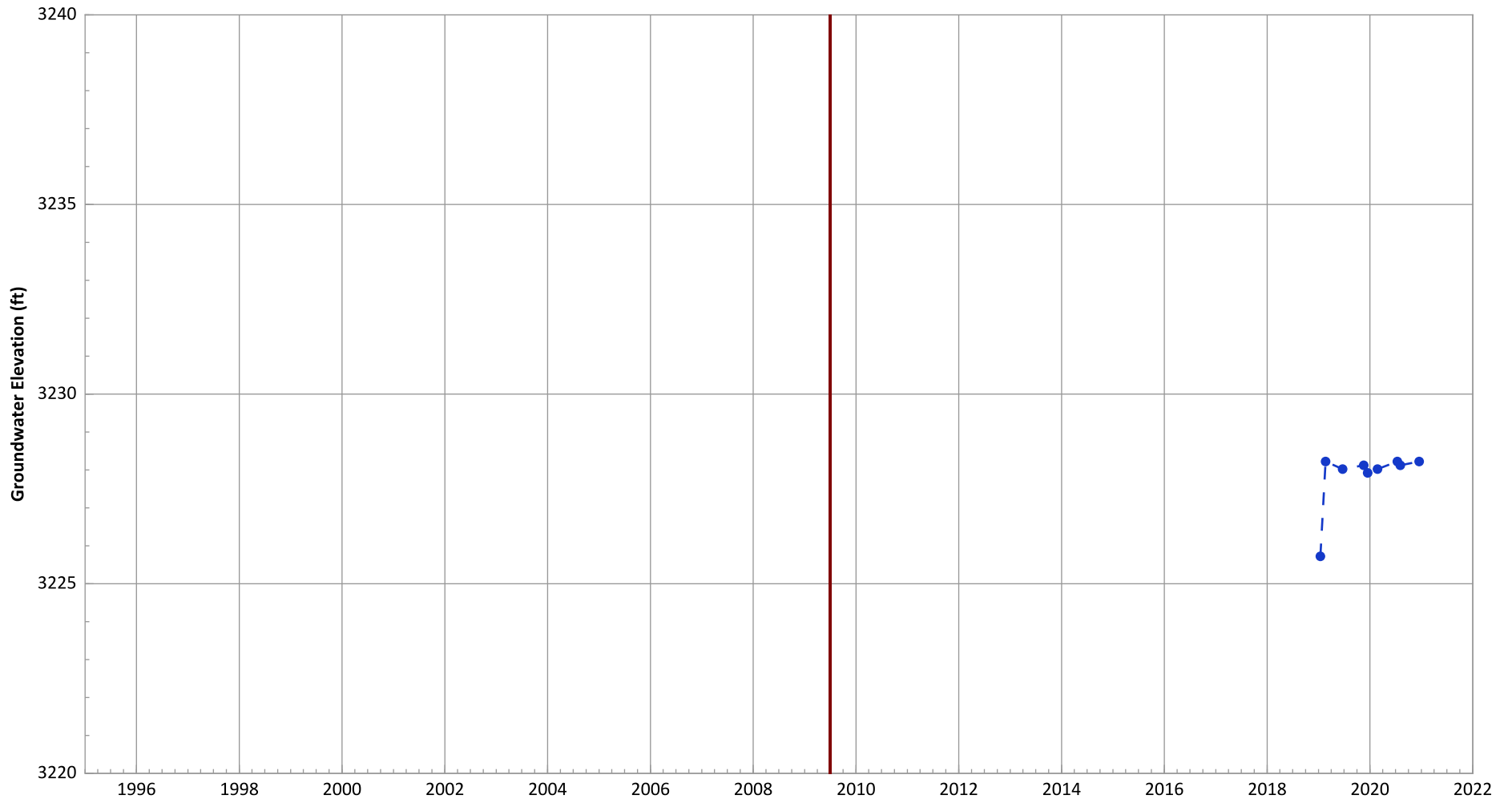
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Increasing at 0.92 ft/yr

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

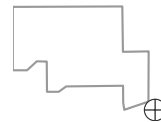


Notes:

1. Top of screen elevation is 3232.04 ft msl.
 2. The bottom of screen elevation is 3217.04 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

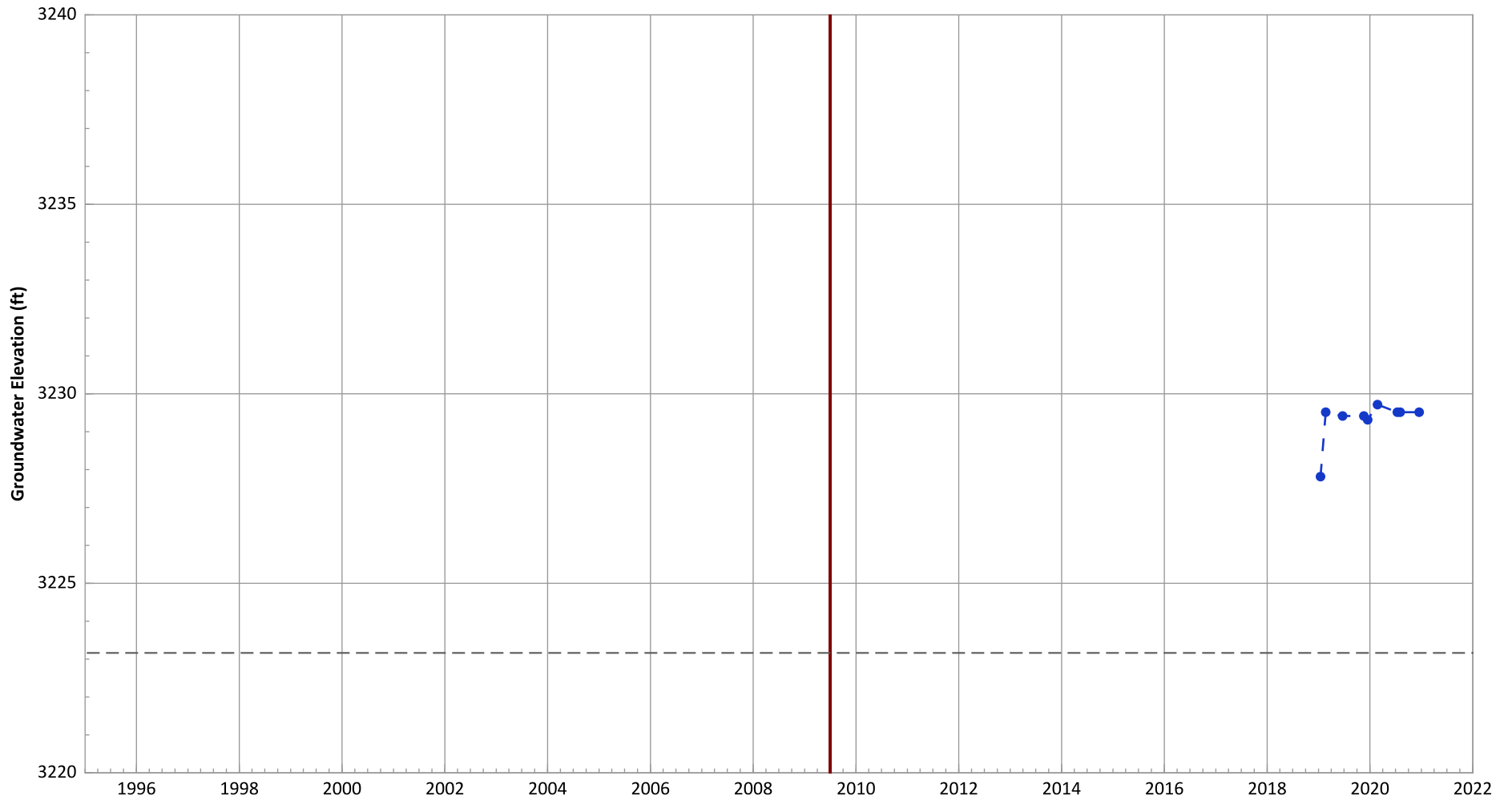
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Increasing at 0.66 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

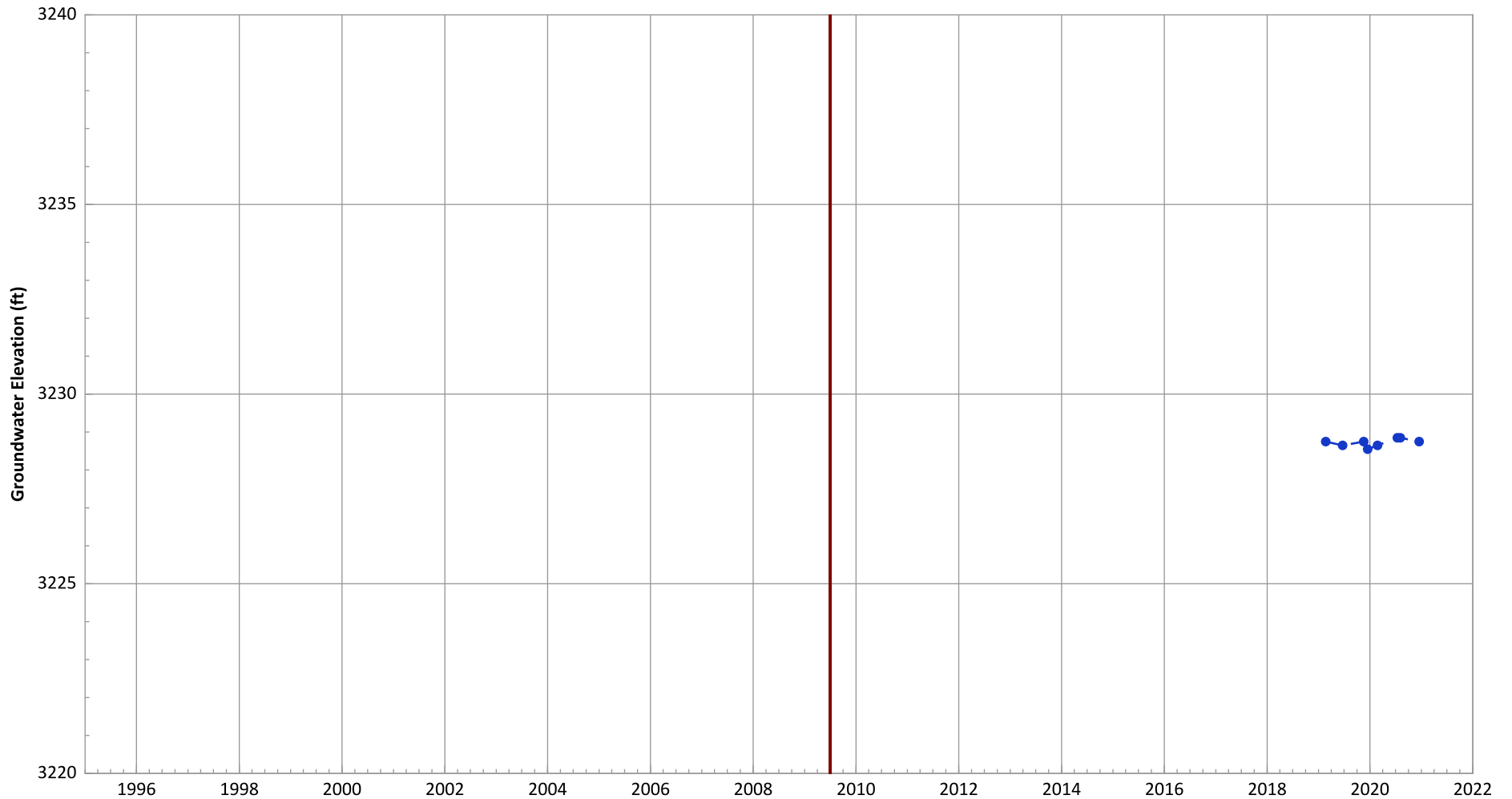
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.48 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.48 ft/yr

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

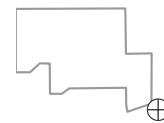


Notes:

1. Top of screen elevation is 3234.03 ft msl.
 2. The bottom of screen elevation is 3219.03 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

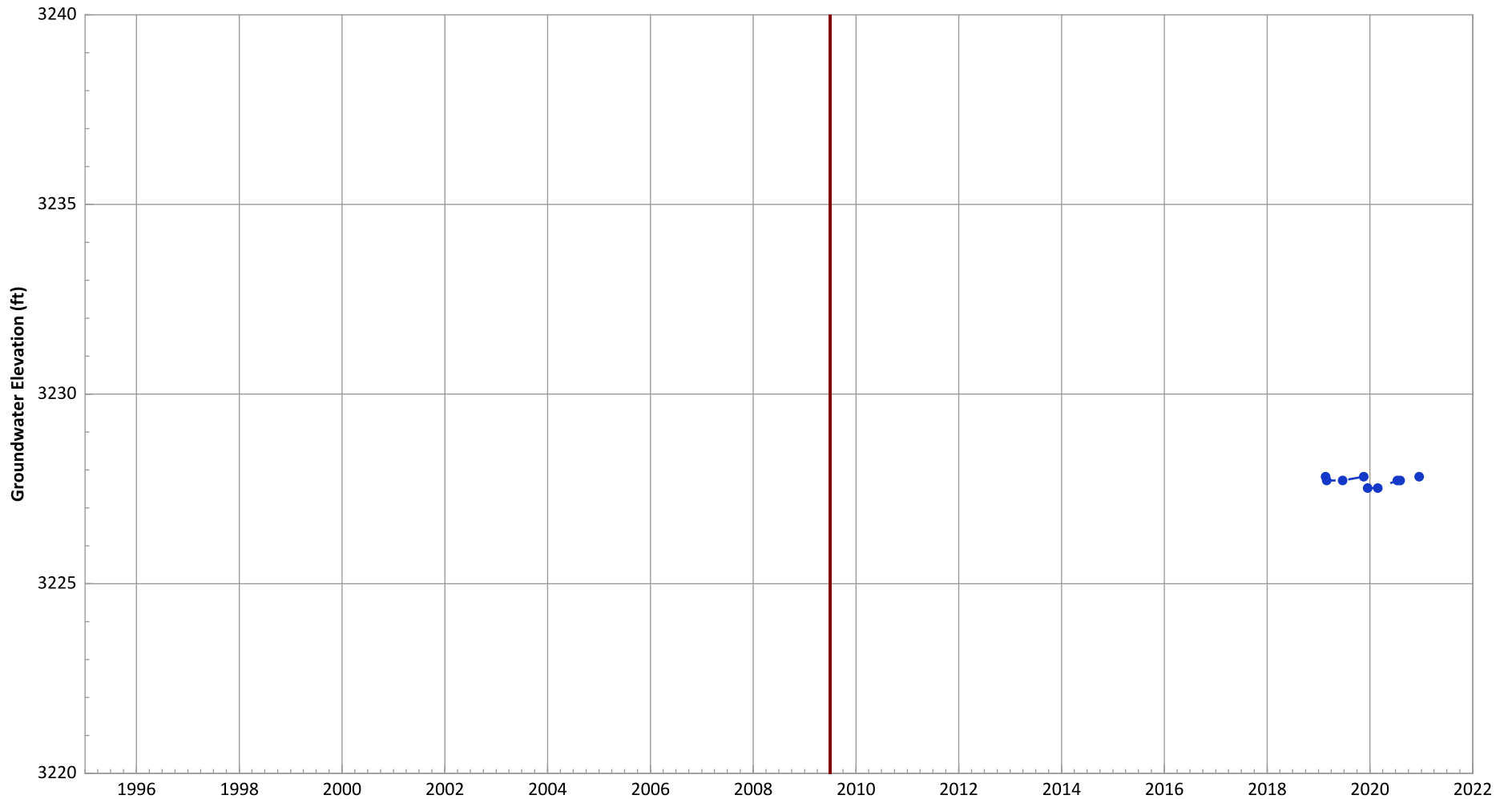
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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

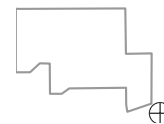


Notes:

1. Top of screen elevation is 3231.9 ft msl.
 2. The bottom of screen elevation is 3211.9 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

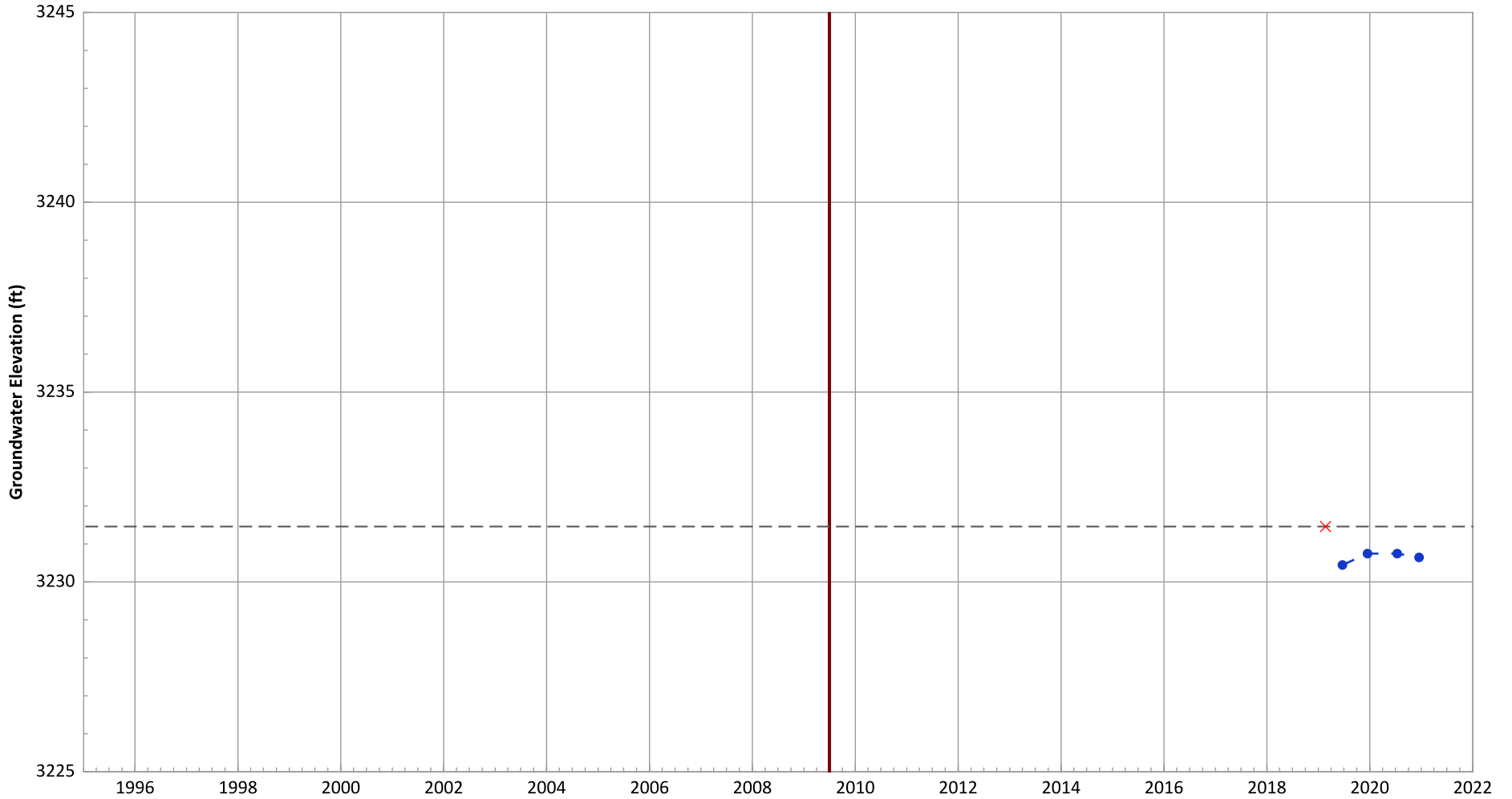
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

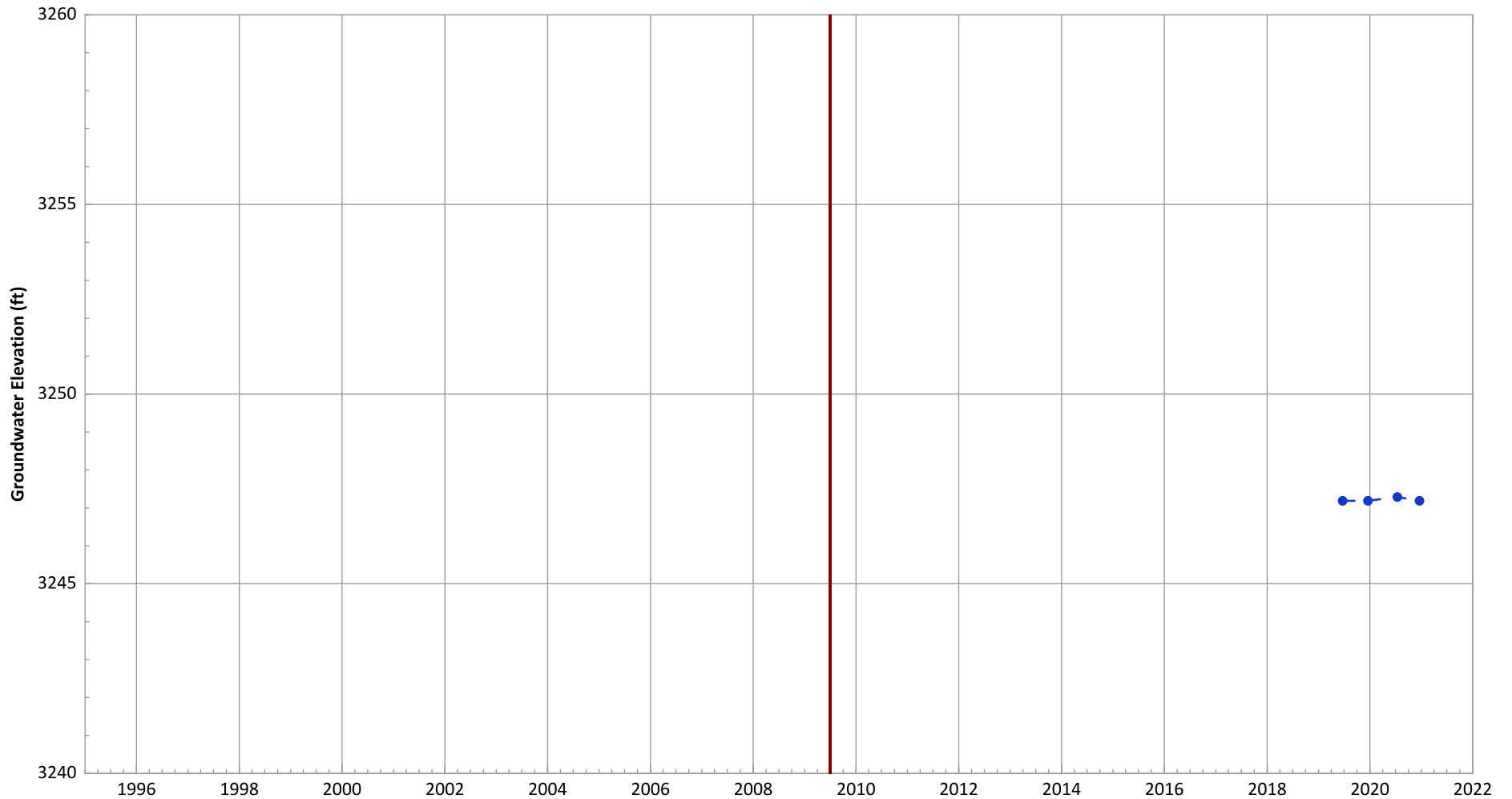
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.12 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.12 ft/yr

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



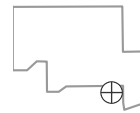
Notes:

- 1. Top of screen elevation is 3268.04 ft msl.
- 2. The bottom of screen elevation is 3228.04 ft msl.
- 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

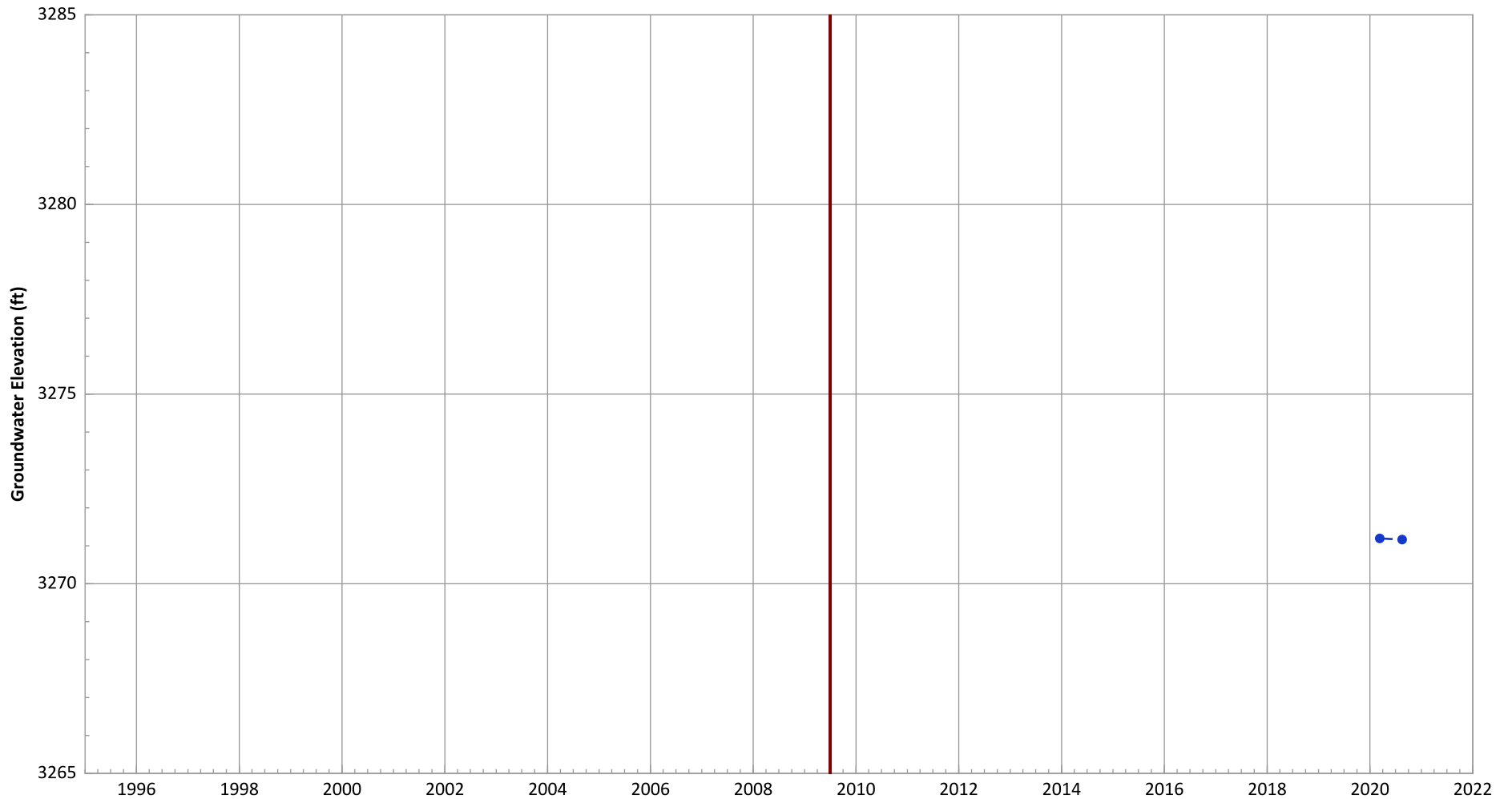
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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

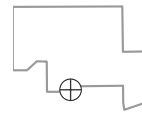


Notes:

1. Top of screen elevation is 3272.07 ft msl.
 2. The bottom of screen elevation is 3257.07 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

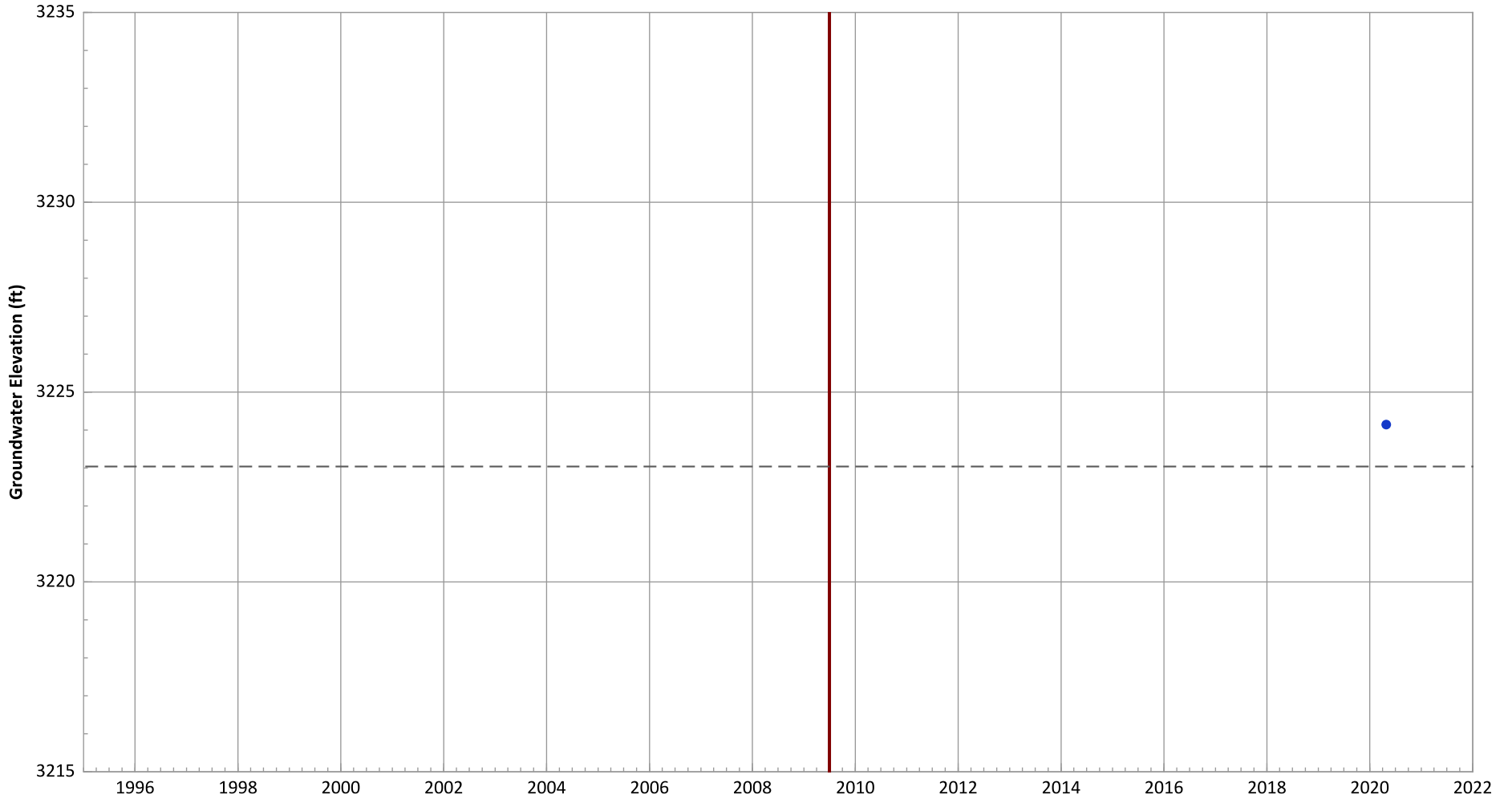
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (<3 Measurements)
 Data (7/2009 - 1/2021): N/A (<3 Measurements)

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

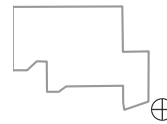


Notes:

1. Top of screen elevation is 3238.04 ft msl.
 2. The bottom of screen elevation is 3223.04 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

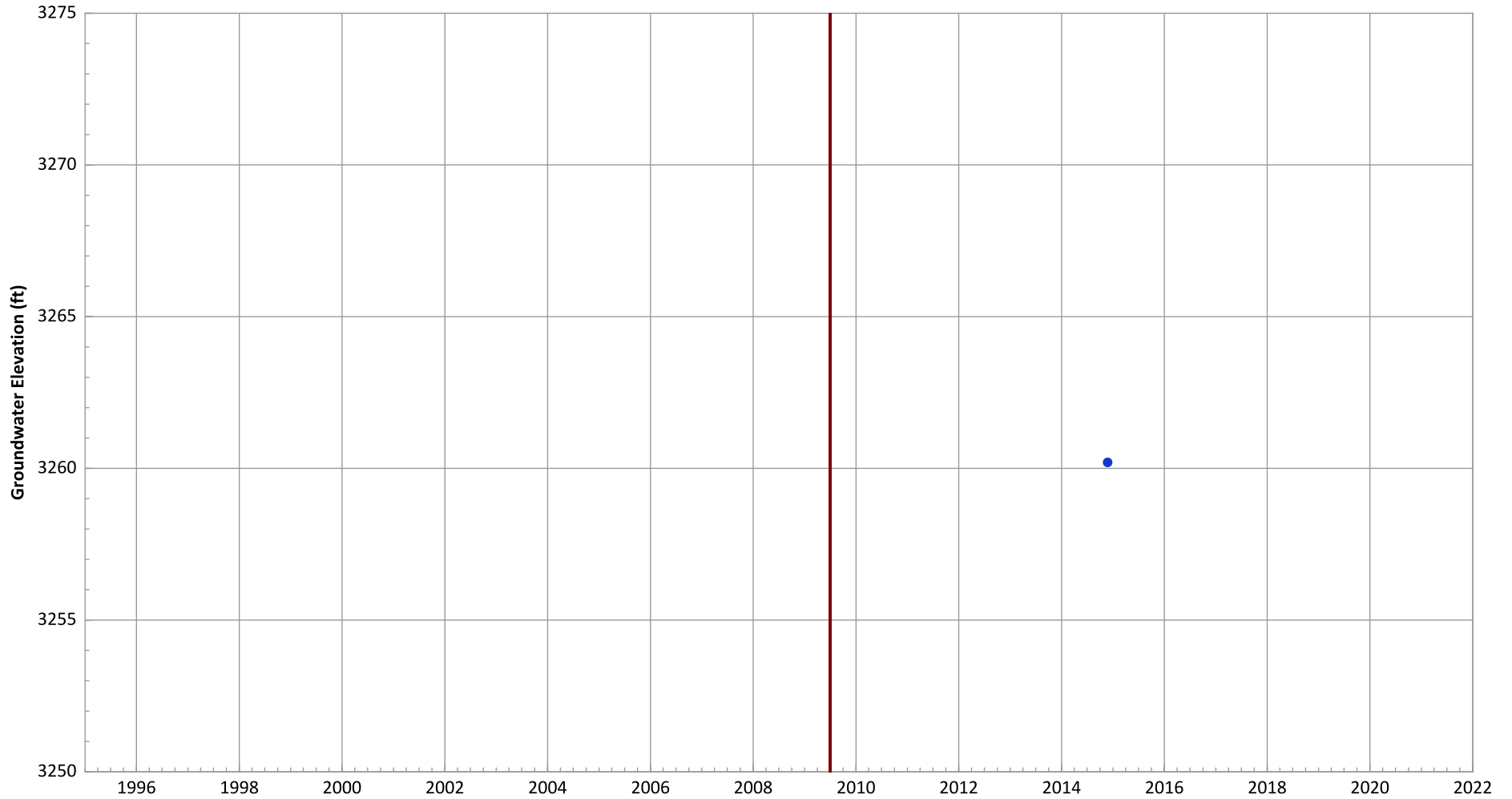
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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



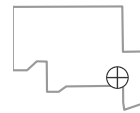
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- Start of Remedial Action

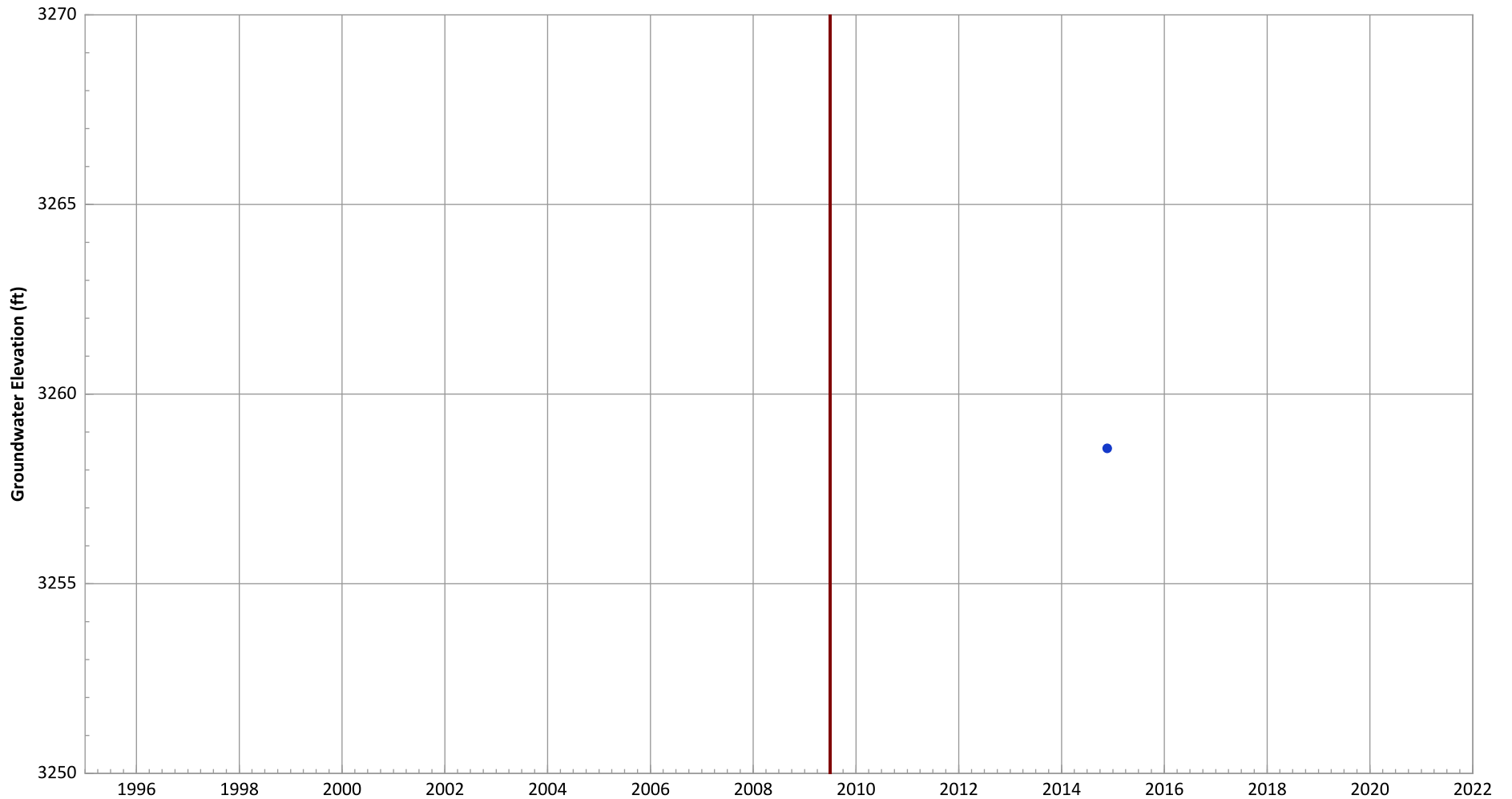
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



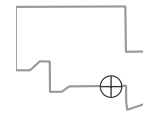
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

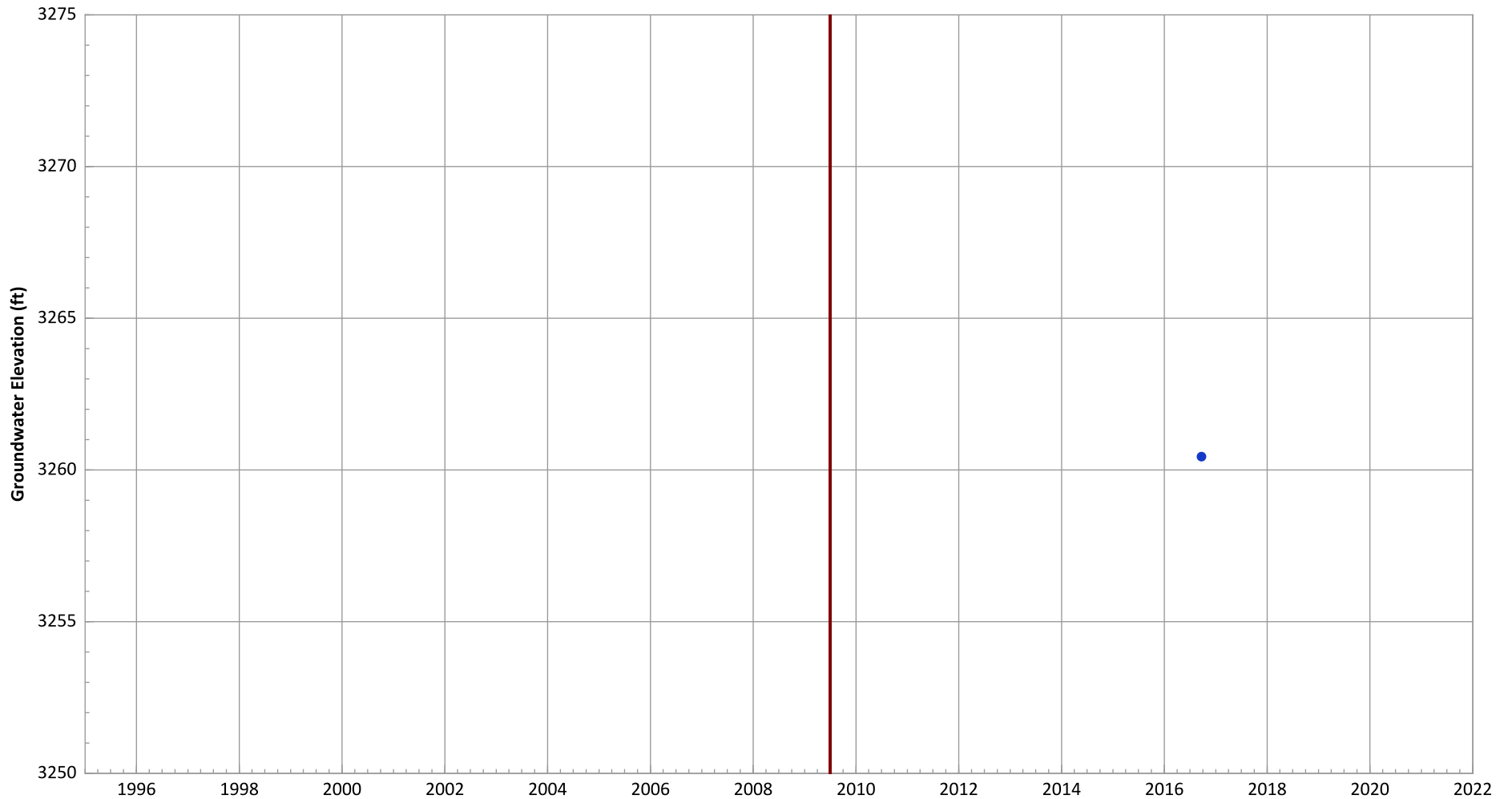
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



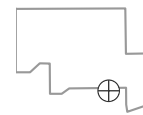
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

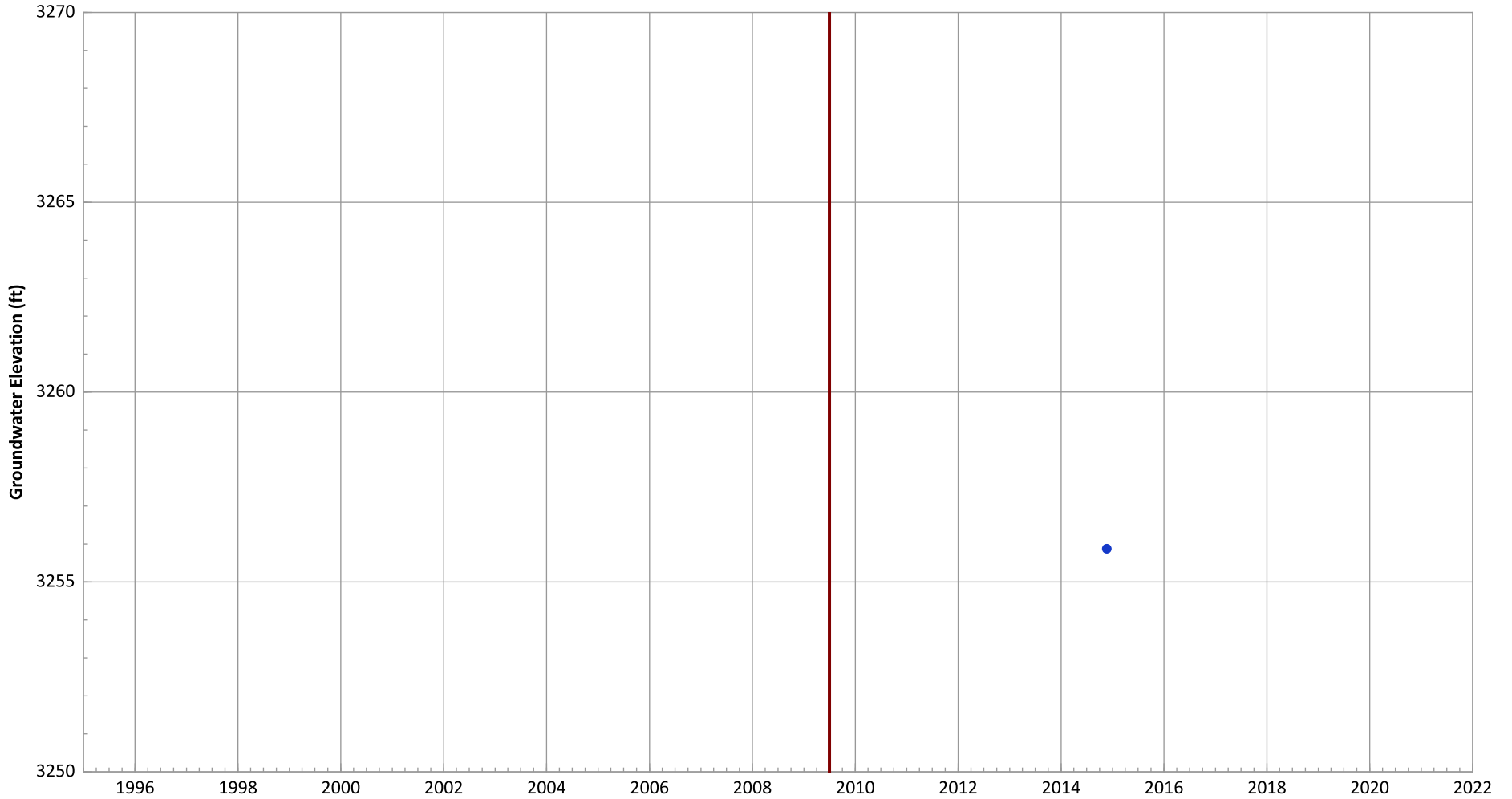
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



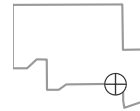
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

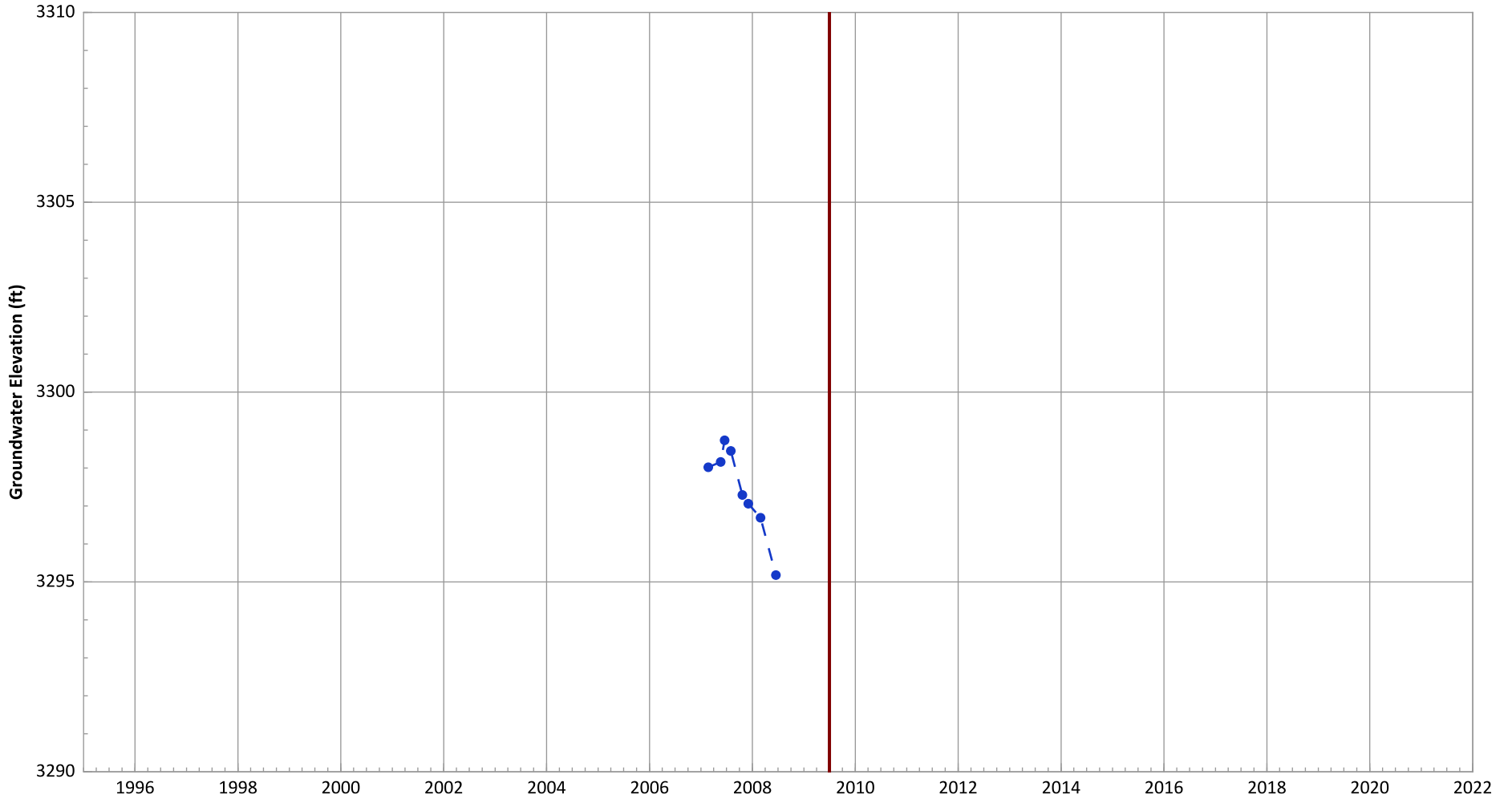
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

PTX06-EW-70 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



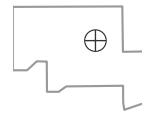
Notes:

1. Top of screen elevation is 3337.59 ft msl.
2. The bottom of screen elevation is 3267.59 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

Well Location



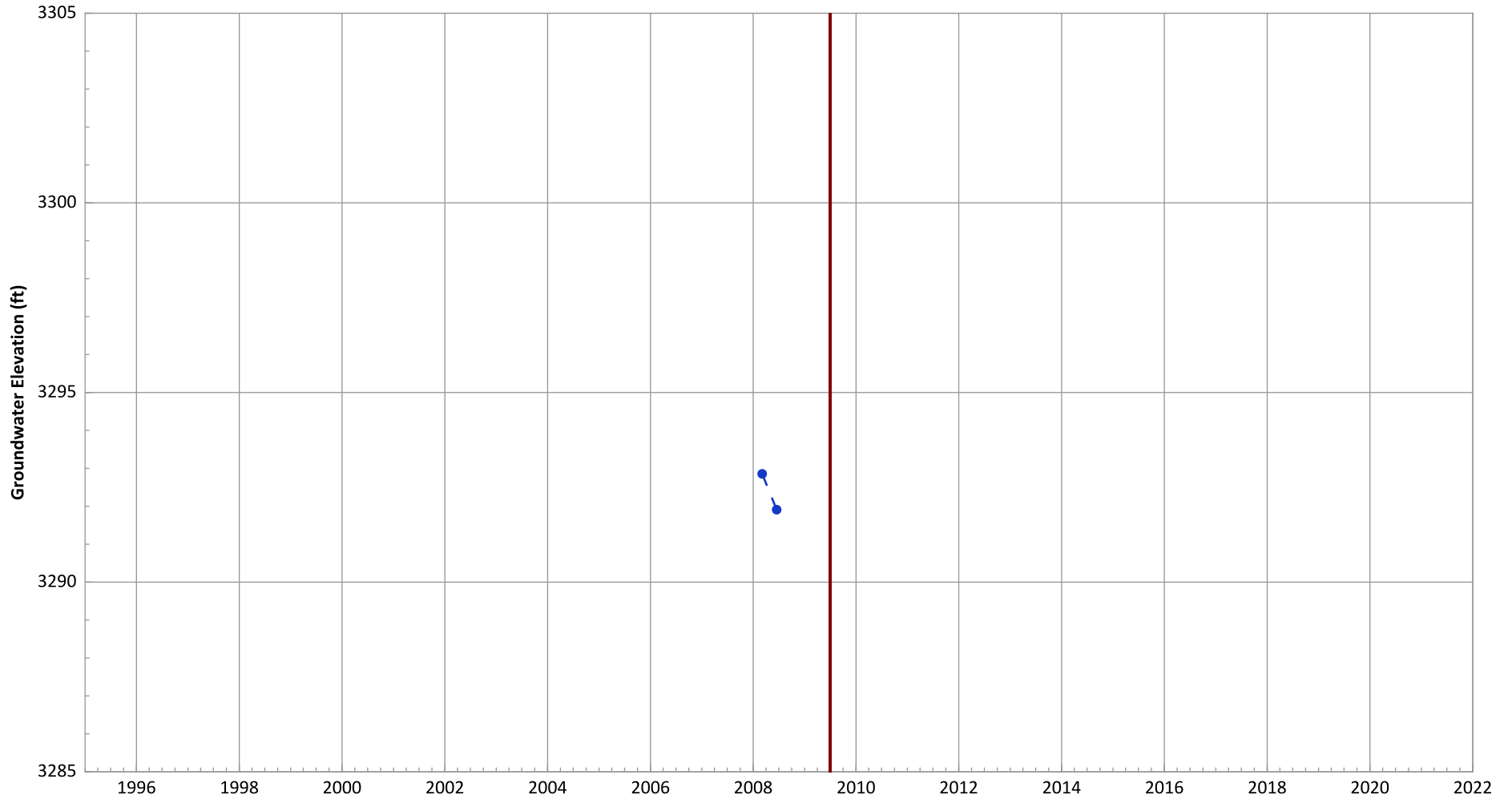
Hydrograph Trend

(MAROS Linear Regression Method)

2019 - 2021 Data: N/A (No Measurements)

Data (7/2009 - 1/2021): N/A (No Measurements)

PTX06-EW-75 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



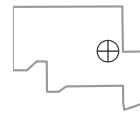
Notes:

- 1. Top of screen elevation is 3306.57 ft msl.
 - 2. The bottom of screen elevation is 3256.57 ft msl.
 - 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
- Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

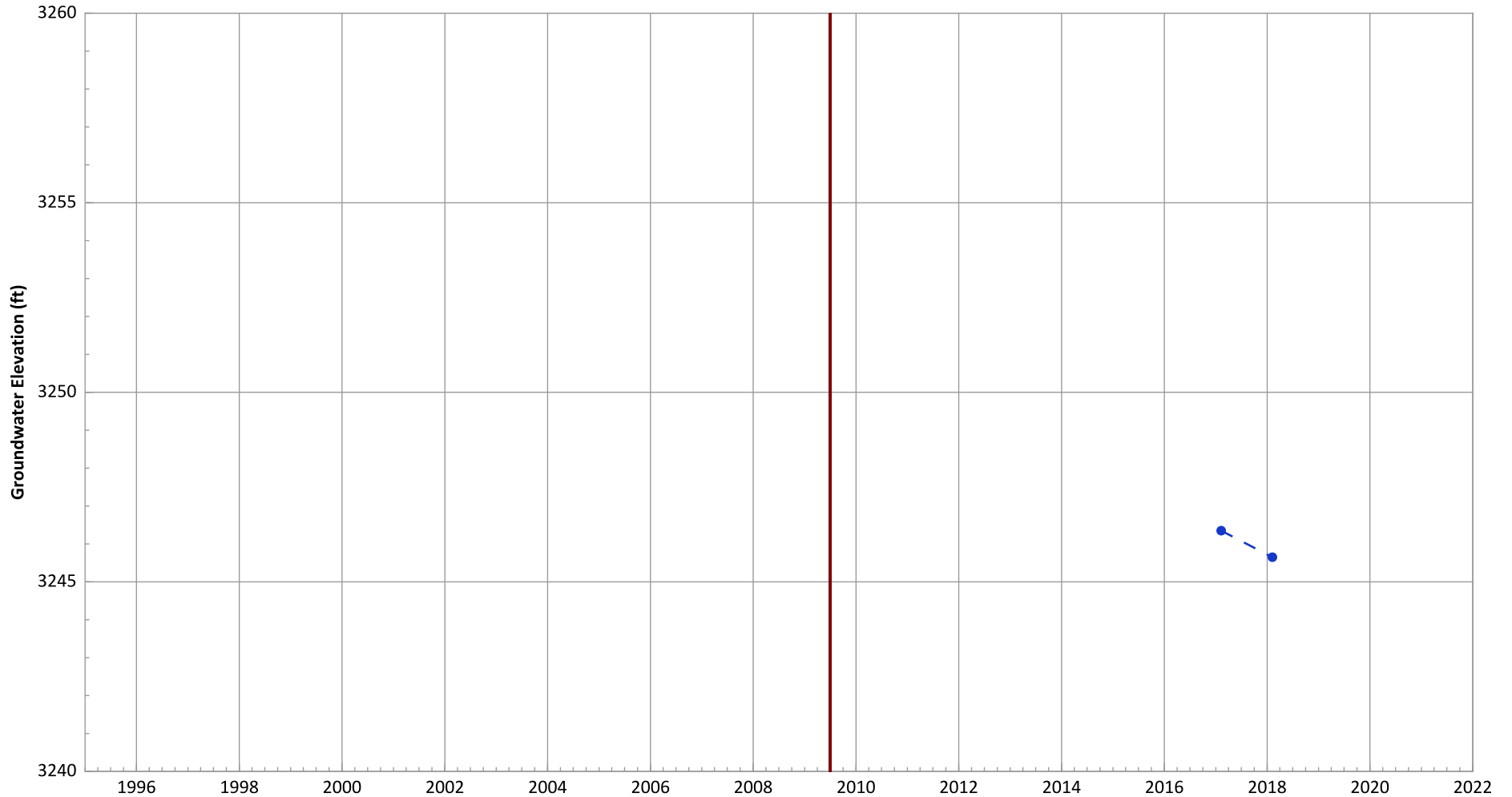
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



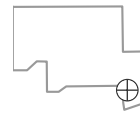
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

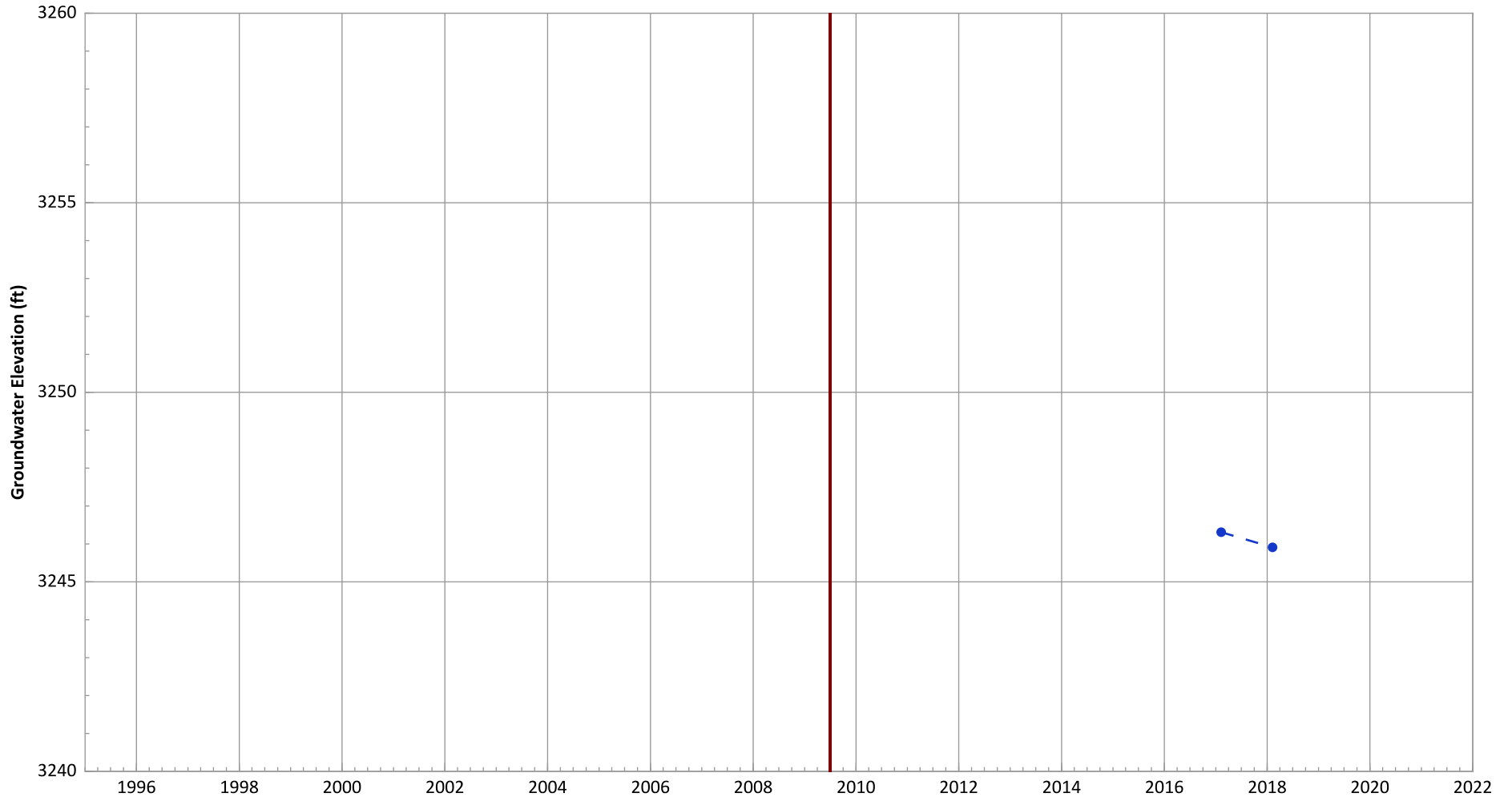
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (<3 Measurements)

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



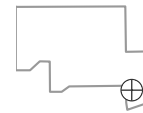
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

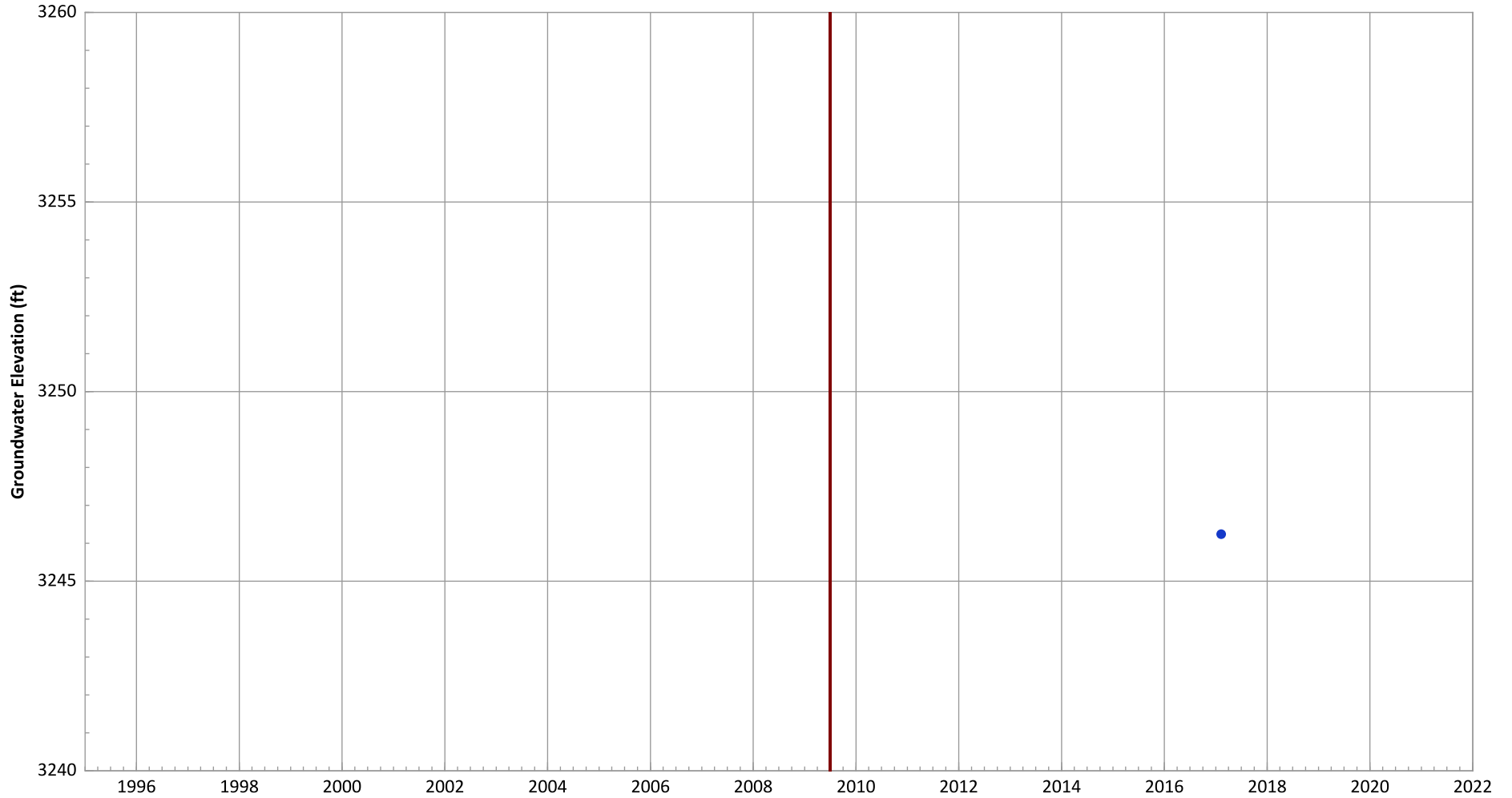
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (<3 Measurements)

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



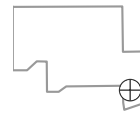
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- Start of Remedial Action

Well Location



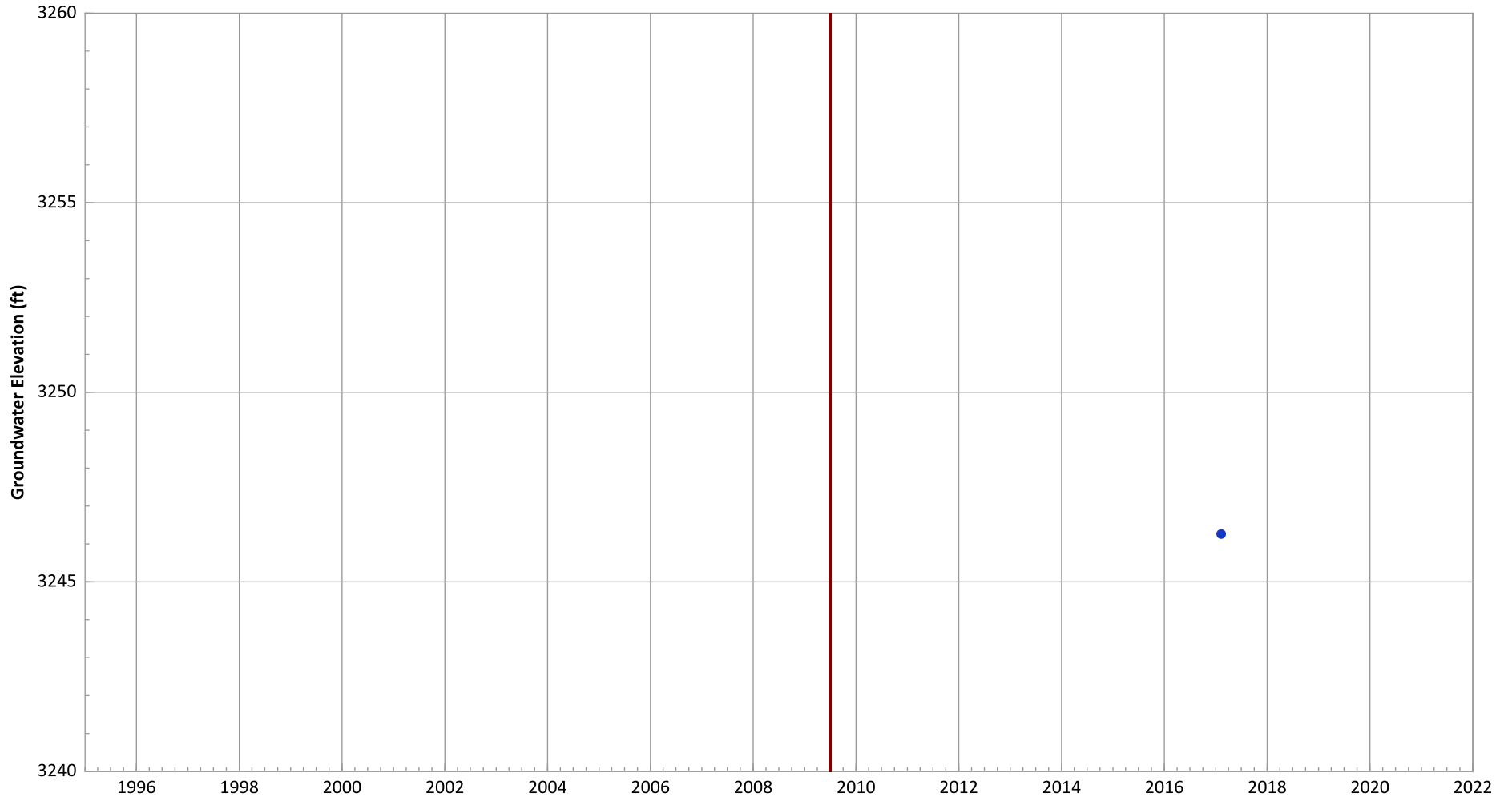
Hydrograph Trend

(MAROS Linear Regression Method)

2019 - 2021 Data: N/A (No Measurements)

Data (7/2009 - 1/2021): N/A (No Measurements)

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



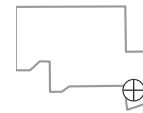
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

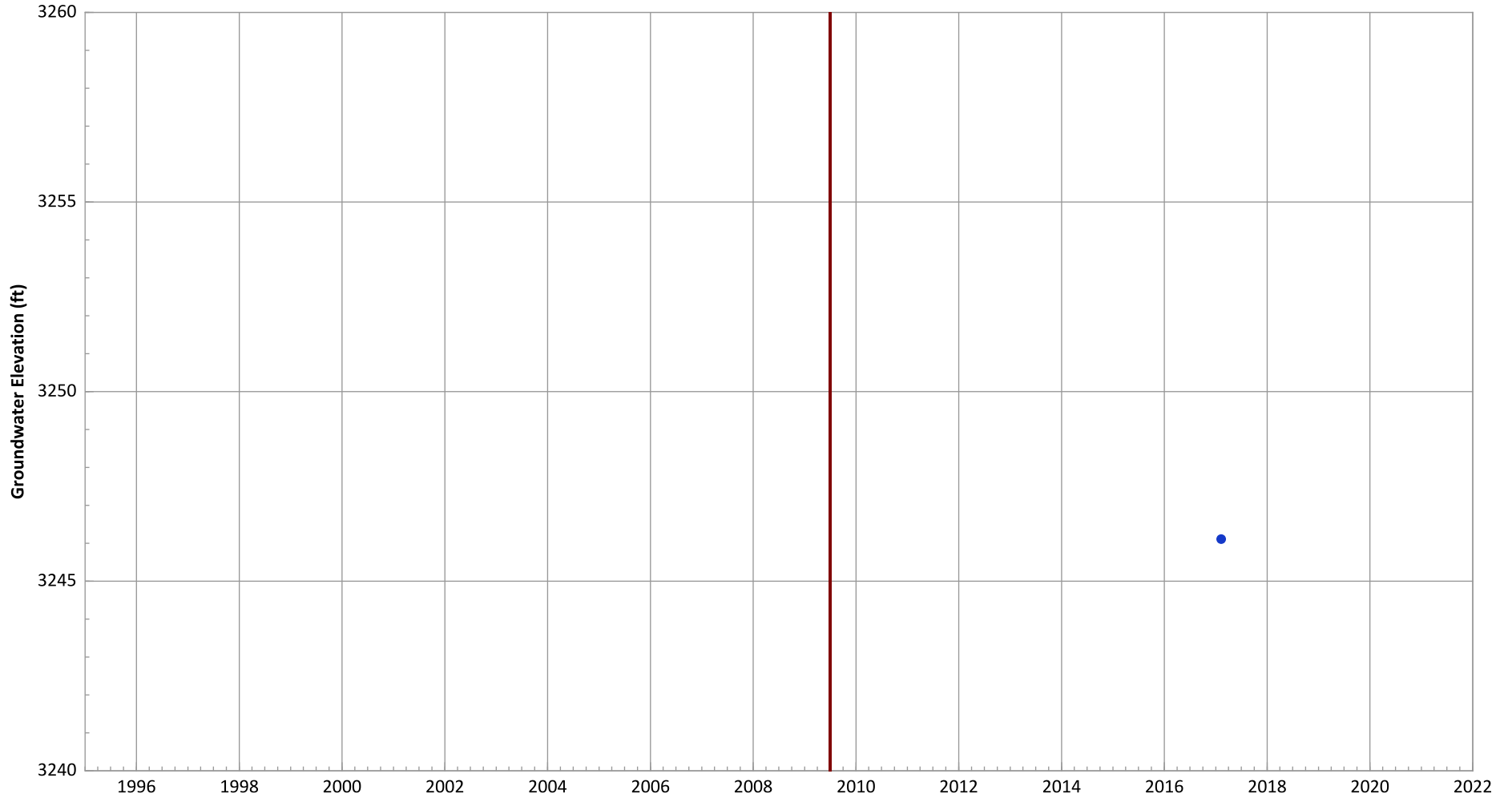
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



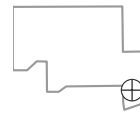
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- Start of Remedial Action

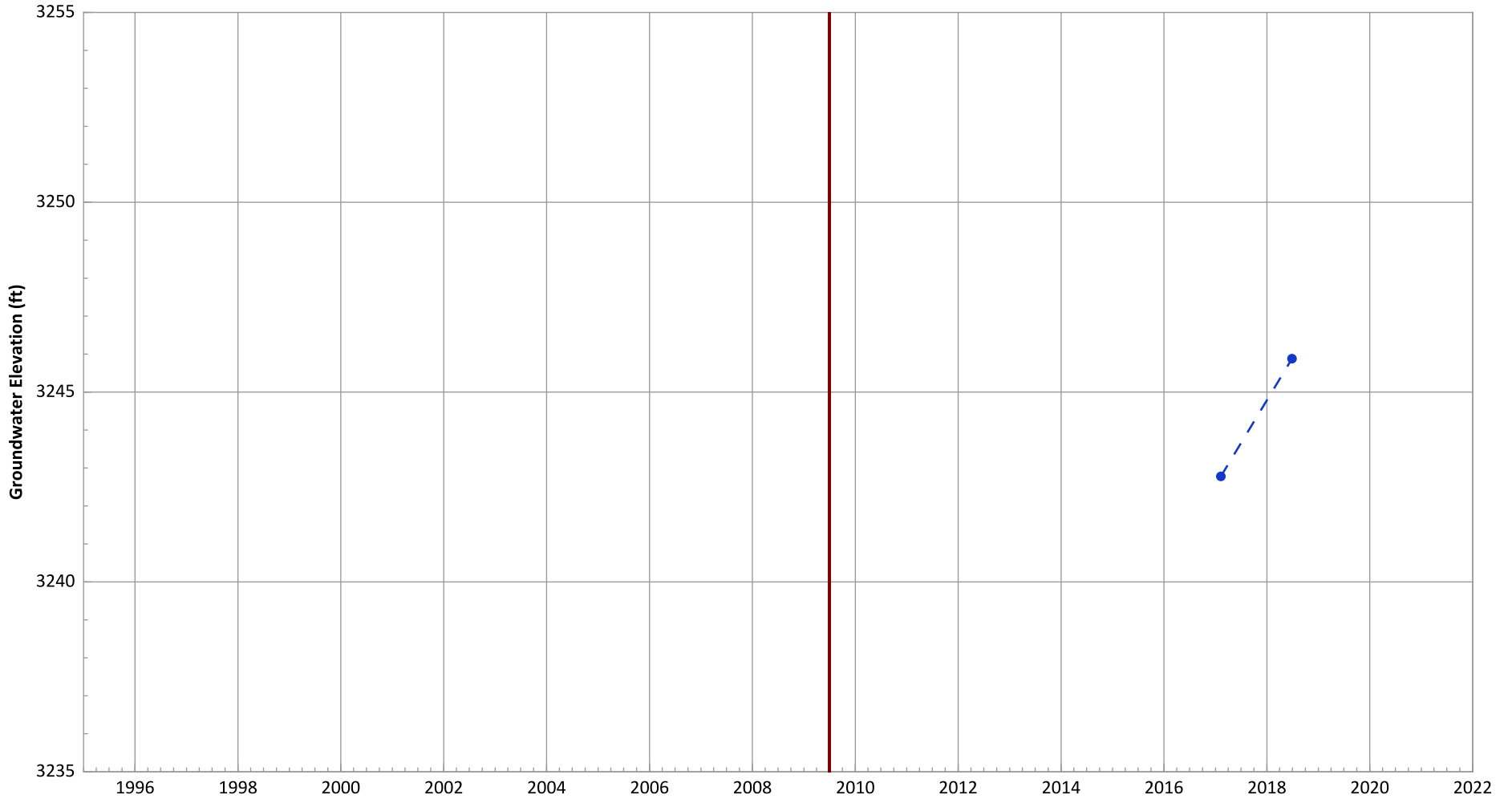
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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

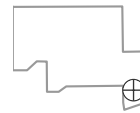


Notes:

1. Top of screen elevation is 3246.46 ft msl.
 2. The bottom of screen elevation is 3231.46 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

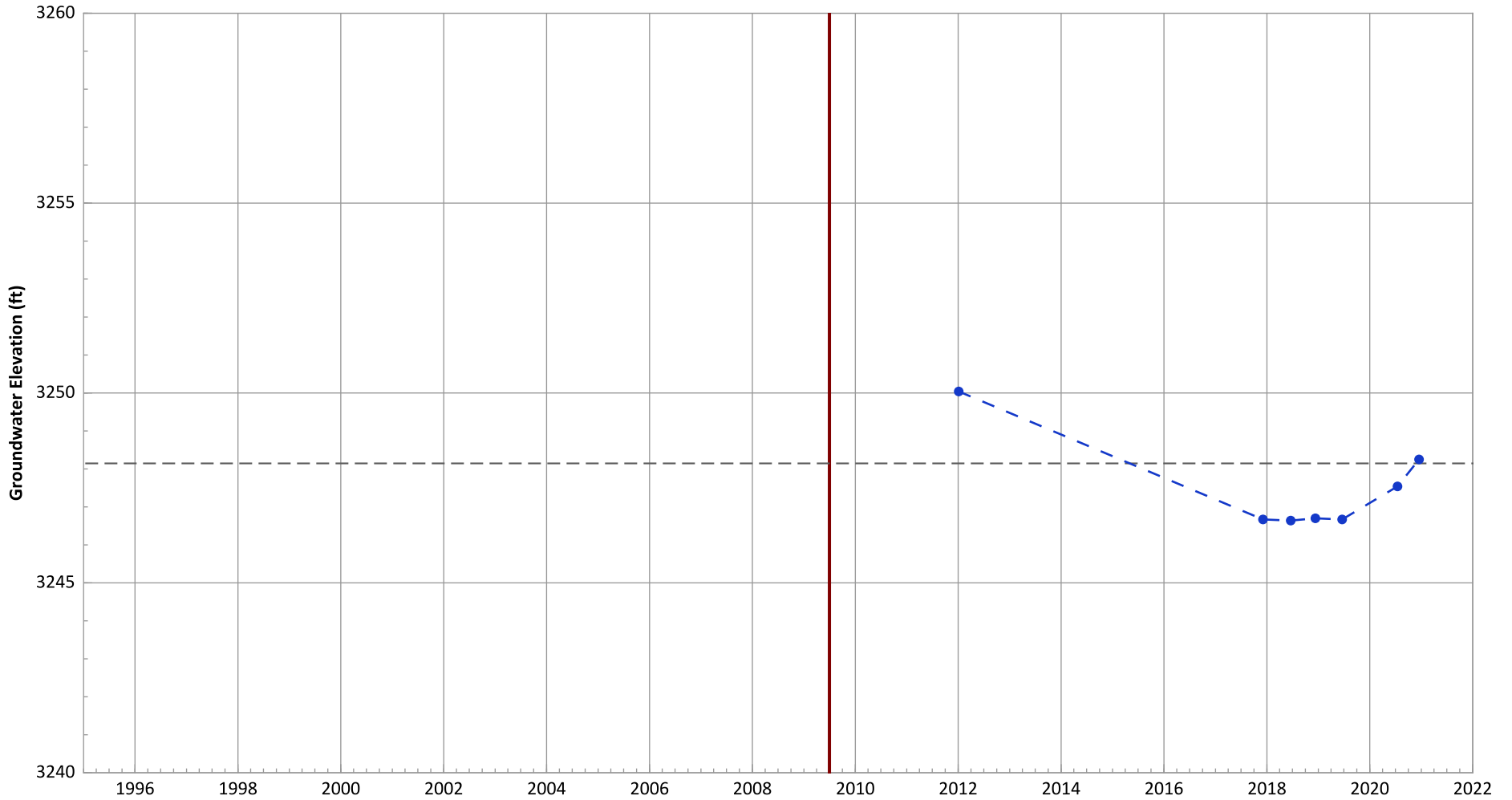
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (<3 Measurements)

**PTX06-ISB010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

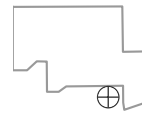


Notes:

1. Top of screen elevation is 3258.15 ft msl.
 2. The bottom of screen elevation is 3248.15 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - ● - - Groundwater Elevation
- - - - - Bottom of Screen Elevation
- Start of Remedial Action

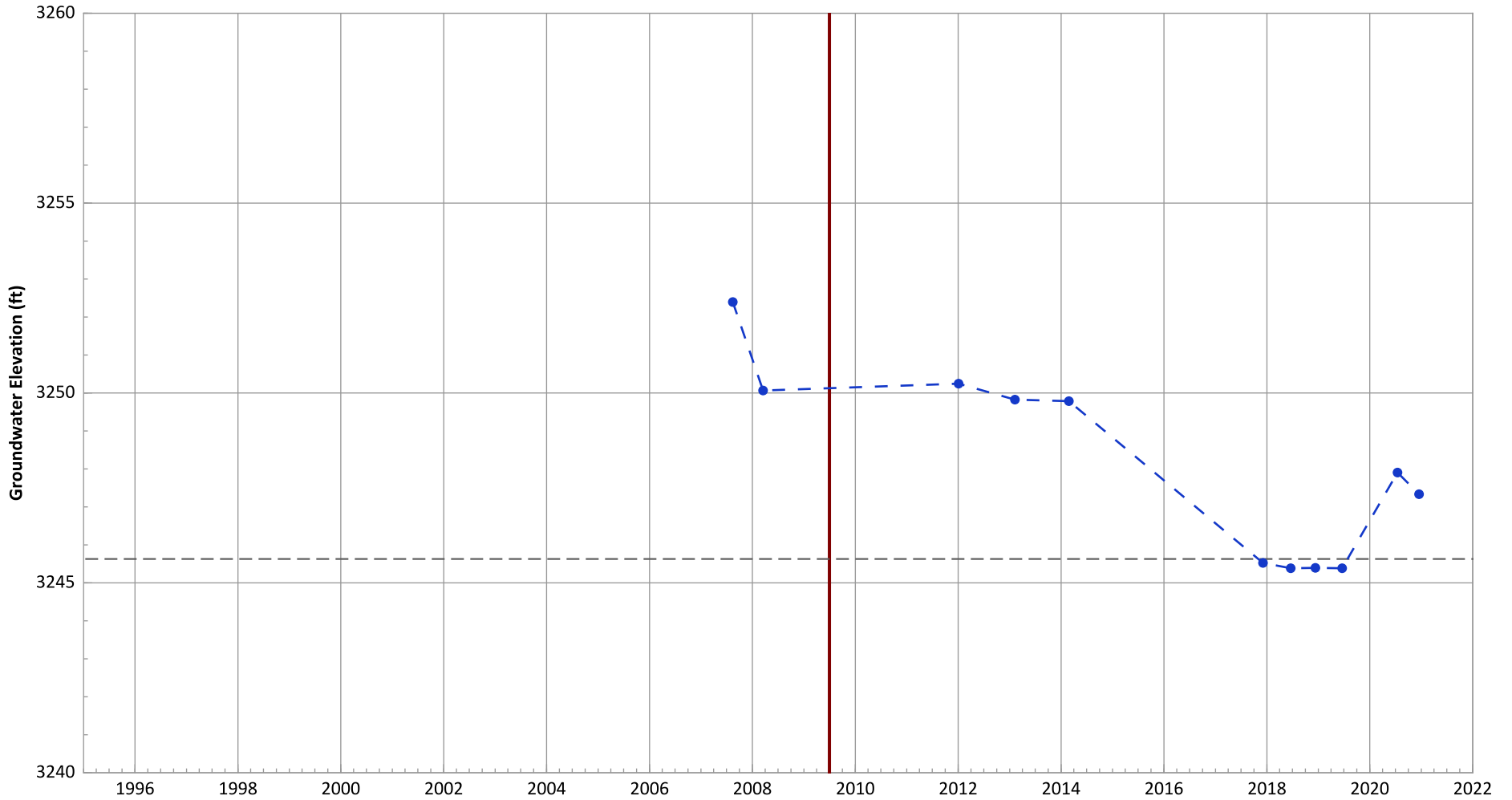
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.01 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.28 ft/yr

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

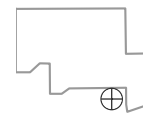


Notes:

1. Top of screen elevation is 3255.63 ft msl.
 2. The bottom of screen elevation is 3245.63 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - ● - - Groundwater Elevation
- - - - - Bottom of Screen Elevation
- Start of Remedial Action

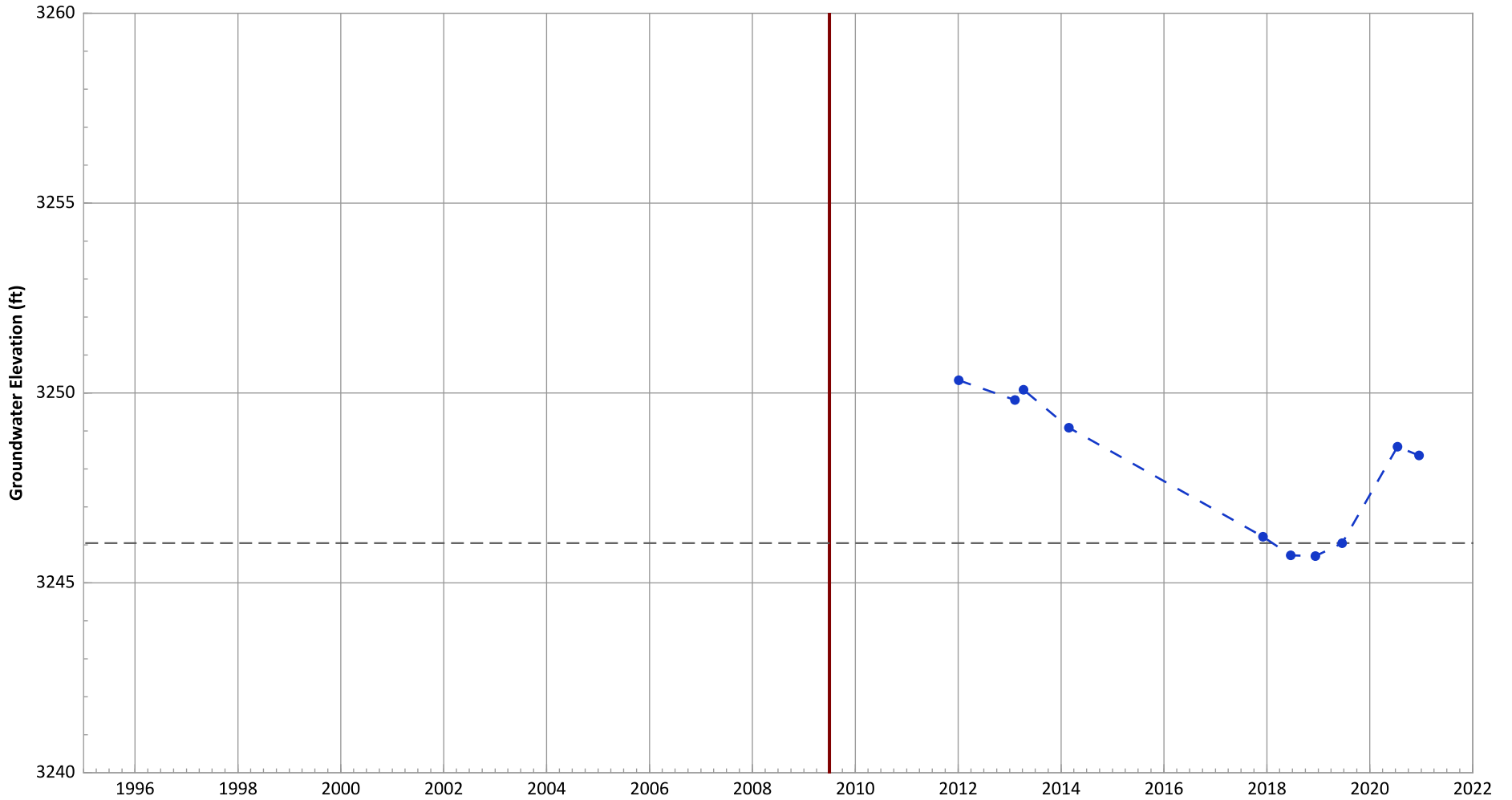
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.51 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.48 ft/yr

PTX06-ISB012 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

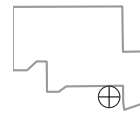


Notes:

1. Top of screen elevation is 3256.05 ft msl.
 2. The bottom of screen elevation is 3246.05 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

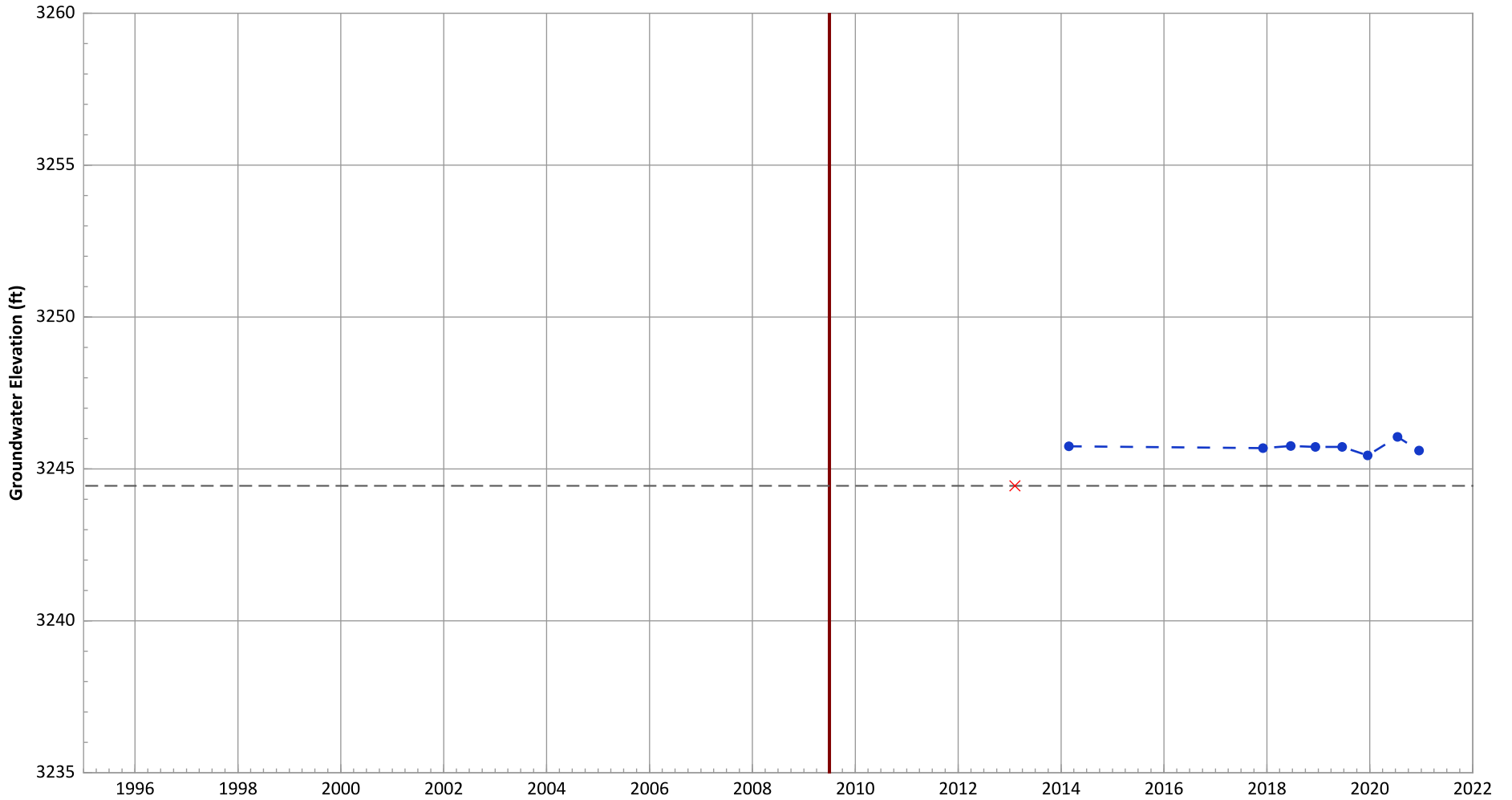
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.71 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.39 ft/yr

**PTX06-ISB013 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

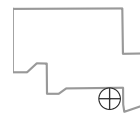


Notes:

1. Top of screen elevation is 3254.44 ft msl.
 2. The bottom of screen elevation is 3244.44 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

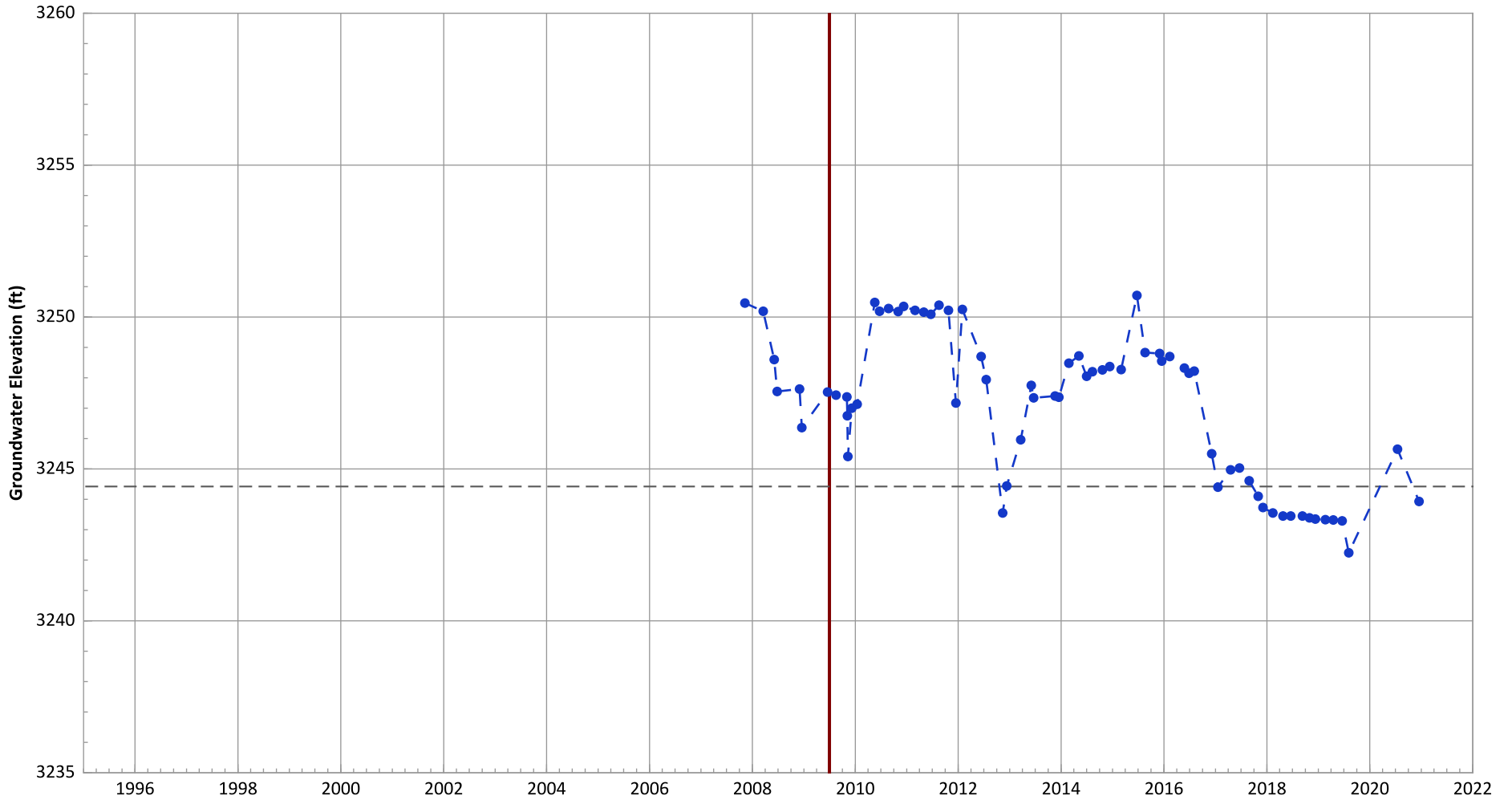
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

PTX06-ISB014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

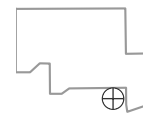


Notes:

1. Top of screen elevation is 3254.42 ft msl.
 2. The bottom of screen elevation is 3244.42 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

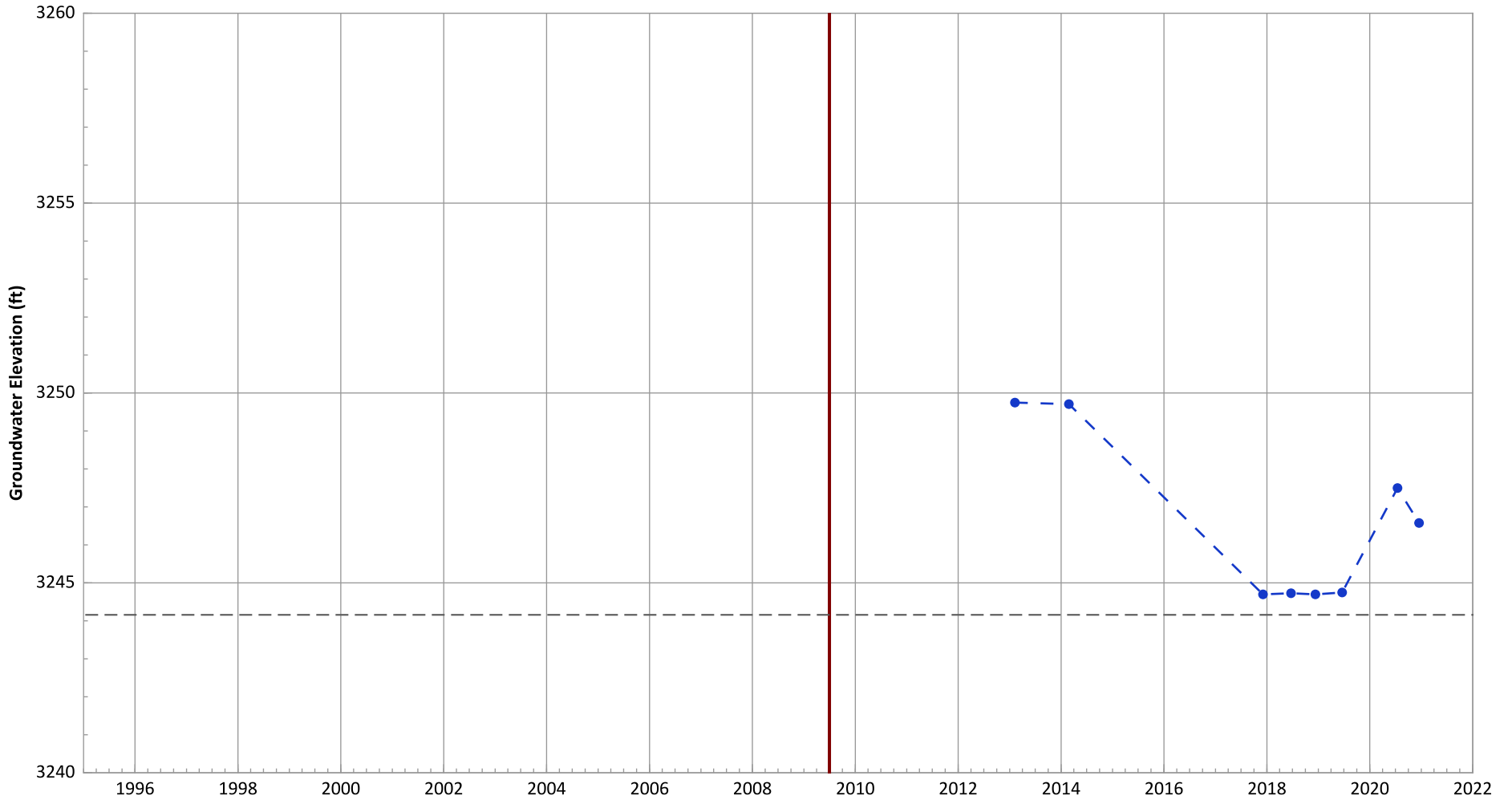
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.95 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.52 ft/yr

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

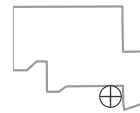


Notes:

1. Top of screen elevation is 3254.16 ft msl.
 2. The bottom of screen elevation is 3244.16 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - ● - - Groundwater Elevation
- - - - - Bottom of Screen Elevation
- Start of Remedial Action

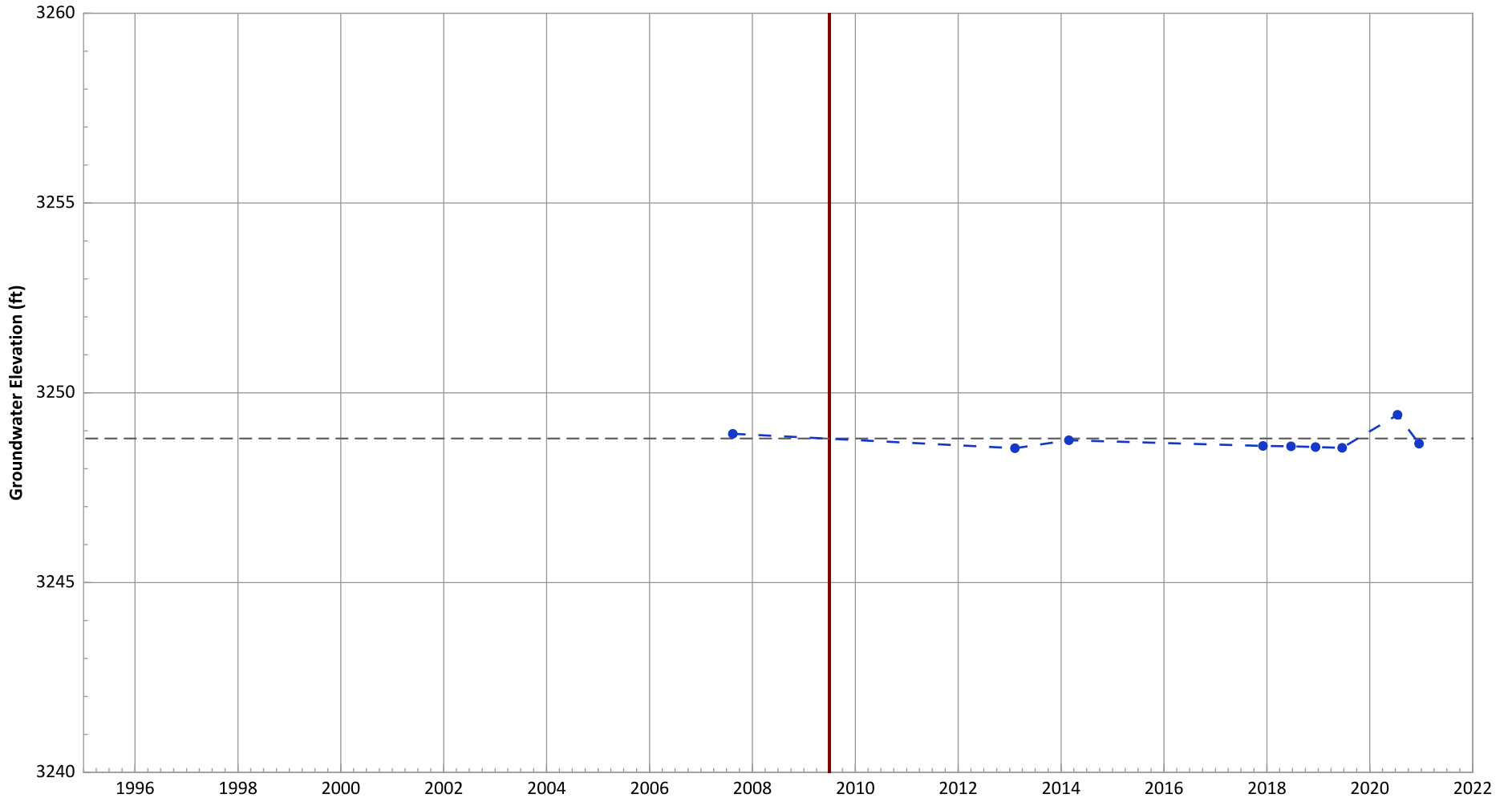
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.49 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.53 ft/yr

**PTX06-ISB016 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

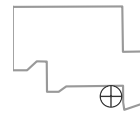


Notes:

1. Top of screen elevation is 3258.8 ft msl.
 2. The bottom of screen elevation is 3248.8 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.22 ft/yr
 Data (7/2009 - 1/2021): No Trend

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



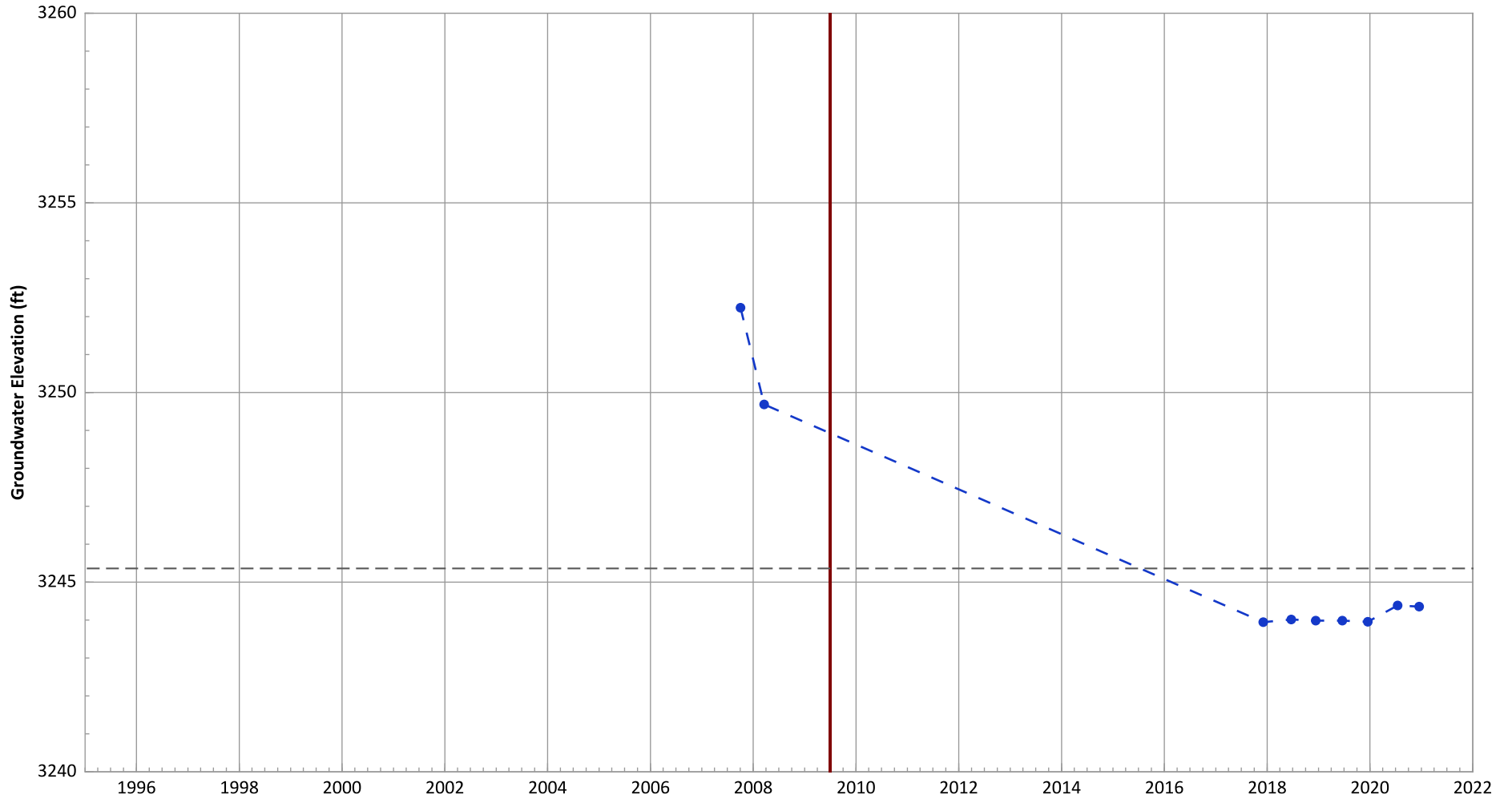
Notes:
 1. Top of screen elevation is 3256.8 ft msl.
 2. The bottom of screen elevation is 3246.8 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (<3 Measurements)
 Data (7/2009 - 1/2021): N/A (<3 Measurements)

PTX06-ISB018 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

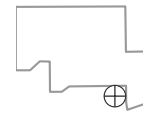


Notes:

1. Top of screen elevation is 3255.36 ft msl.
 2. The bottom of screen elevation is 3245.36 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - - ● - - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

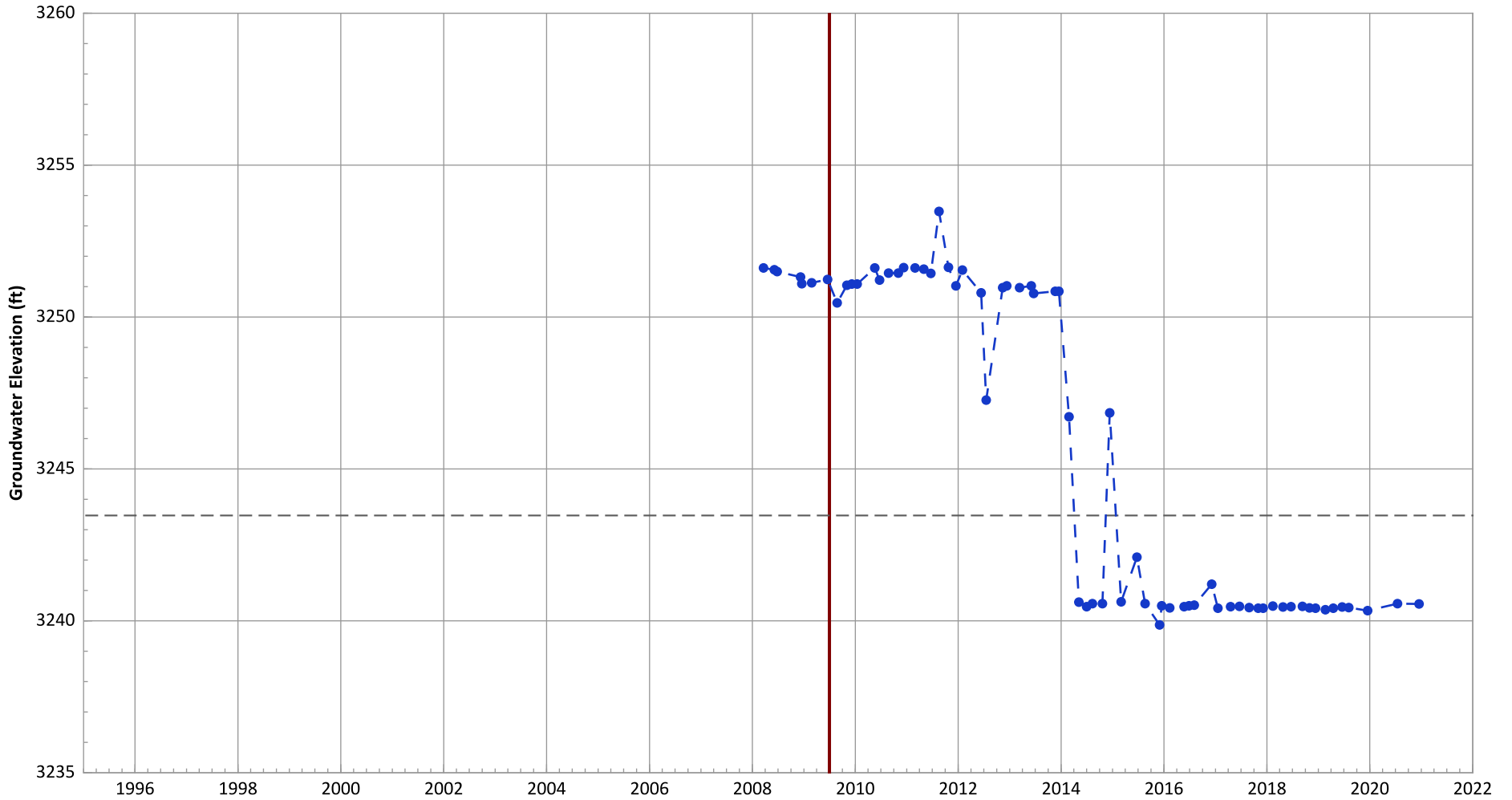
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.31 ft/yr
Data (7/2009 - 1/2021): Increasing at 0.14 ft/yr

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



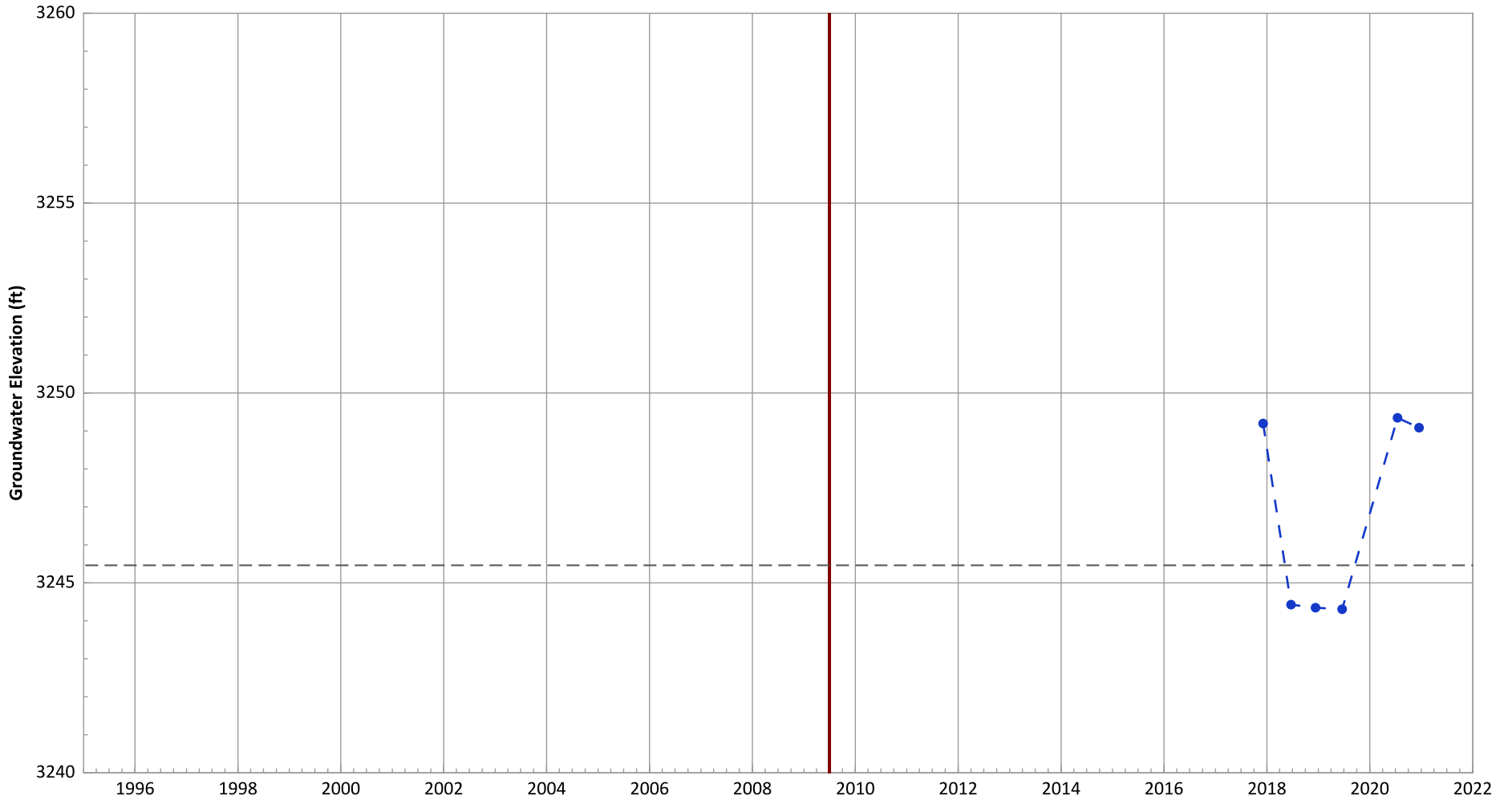
Notes:
 1. Top of screen elevation is 3253.47 ft msl.
 2. The bottom of screen elevation is 3243.47 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

—●— Groundwater Elevation
 - - - Bottom of Screen Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 1.42 ft/yr

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



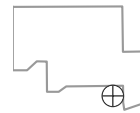
Notes:

1. Top of screen elevation is 3255.46 ft msl.
2. The bottom of screen elevation is 3245.46 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



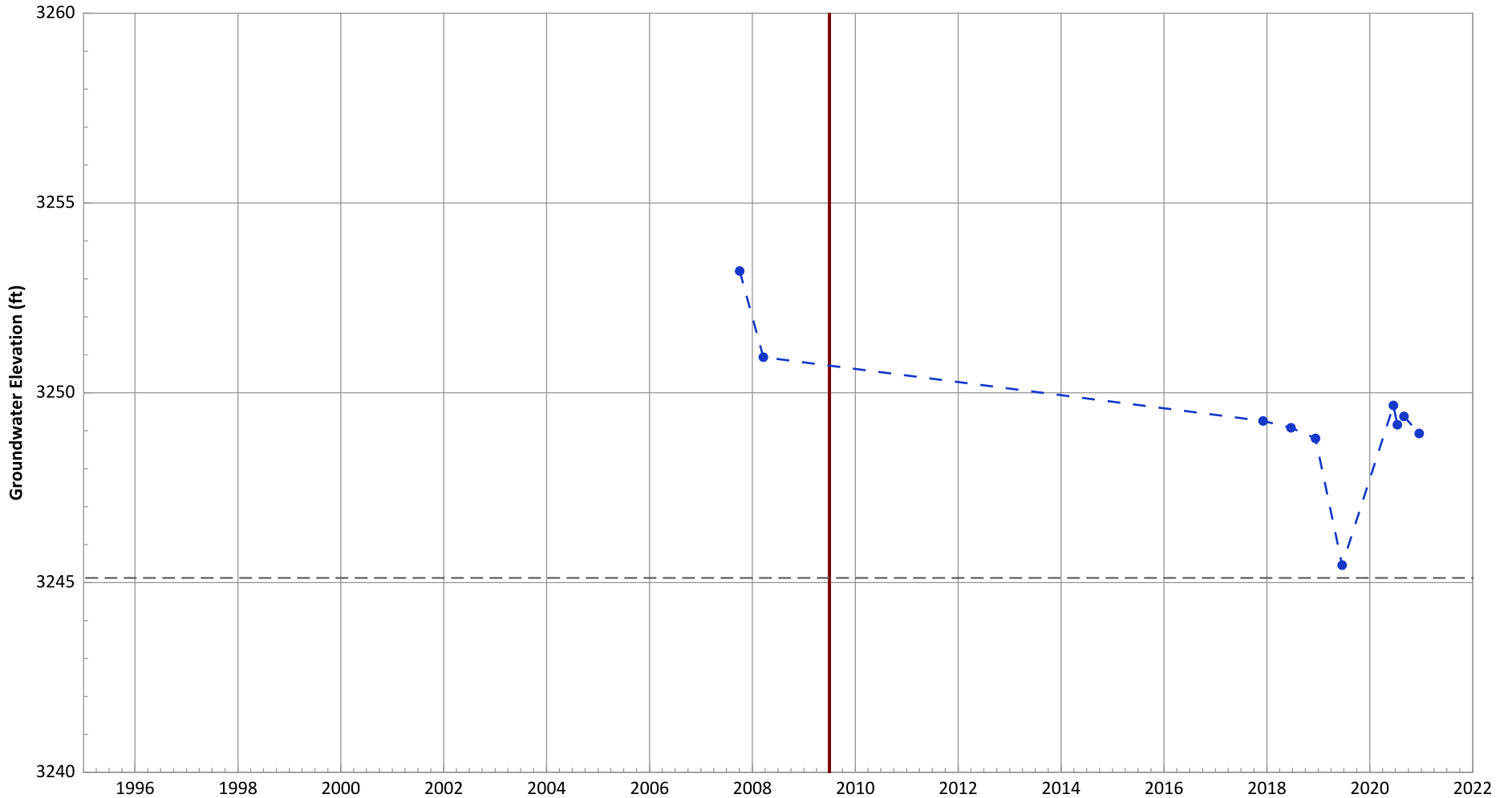
Hydrograph Trend

(MAROS Linear Regression Method)

2019 - 2021 Data: Increasing at 3.49 ft/yr

Data (7/2009 - 1/2021): Increasing at 0.87 ft/yr

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

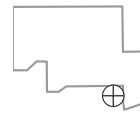


Notes:

1. Top of screen elevation is 3255.12 ft msl.
 2. The bottom of screen elevation is 3245.12 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - - ● - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

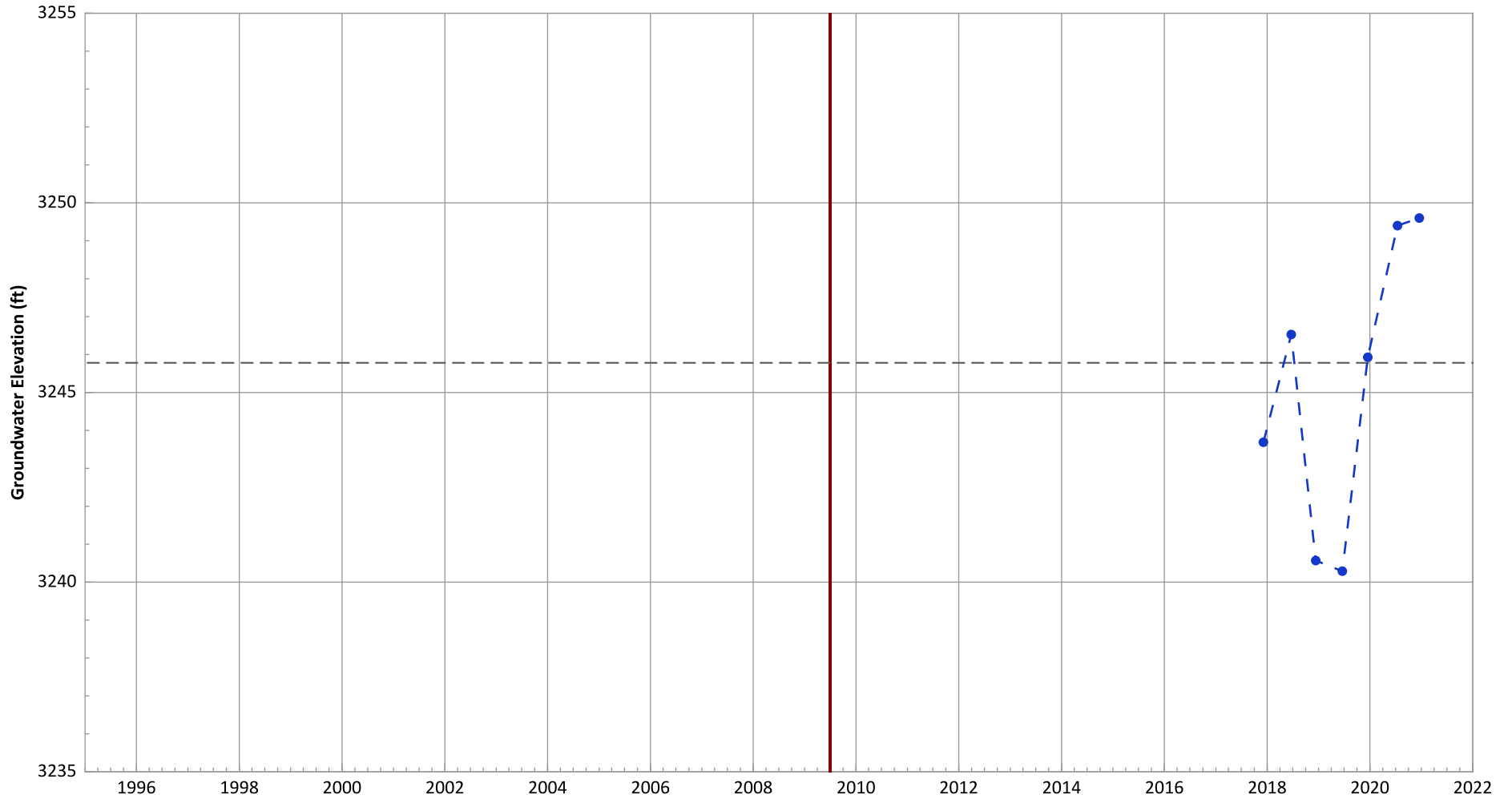
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 2.71 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.14 ft/yr

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

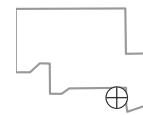


Notes:

1. Top of screen elevation is 3255.78 ft msl.
 2. The bottom of screen elevation is 3245.78 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 6.25 ft/yr
Data (7/2009 - 1/2021): Increasing at 2.05 ft/yr

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

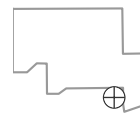


Notes:

1. Top of screen elevation is 3254.17 ft msl.
 2. The bottom of screen elevation is 3244.17 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

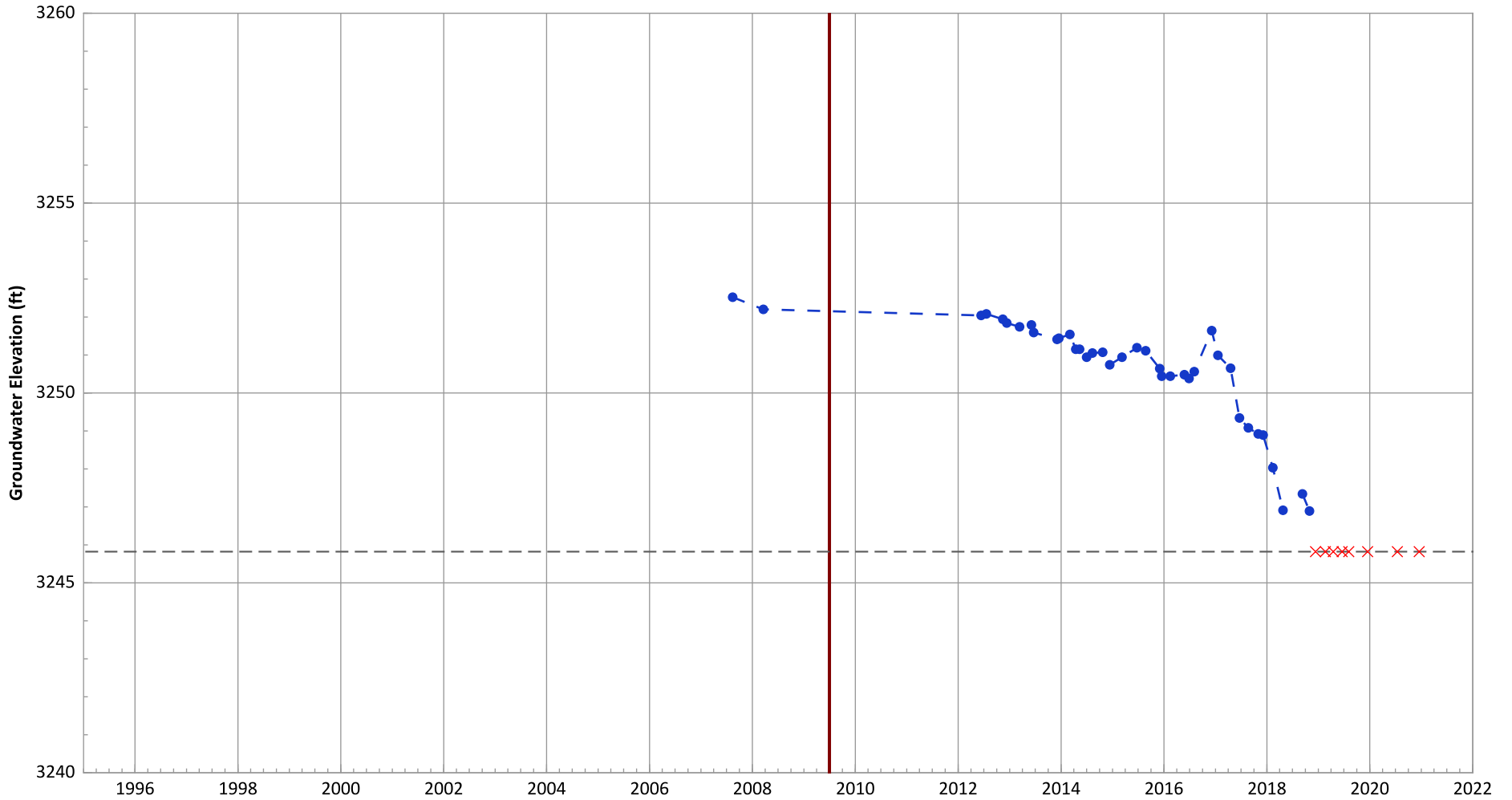
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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



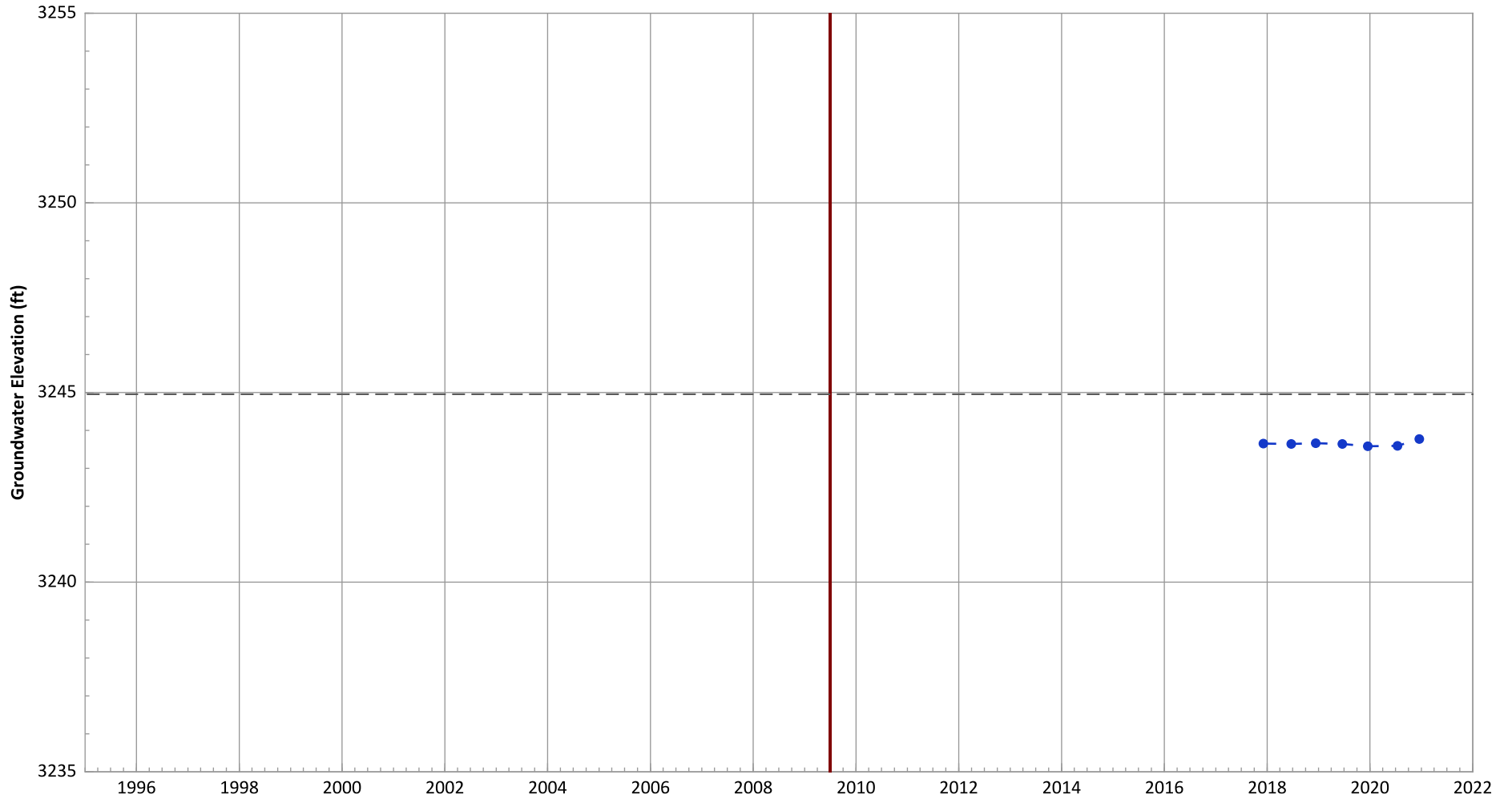
Notes:
 1. Top of screen elevation is 3255.82 ft msl.
 2. The bottom of screen elevation is 3245.82 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.65 ft/yr

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

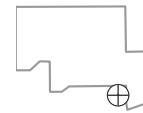


Notes:

1. Top of screen elevation is 3254.95 ft msl.
 2. The bottom of screen elevation is 3244.95 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

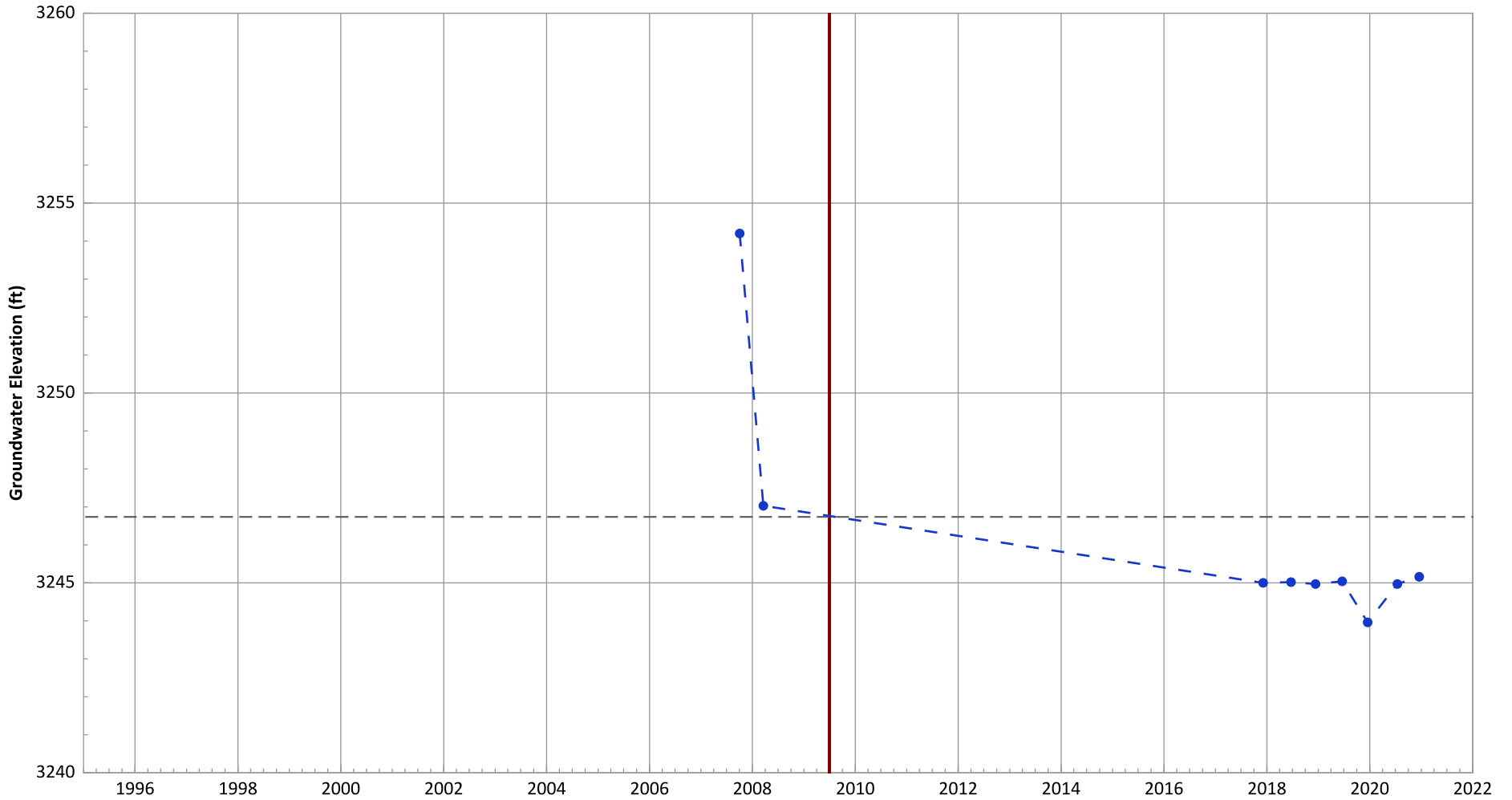
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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

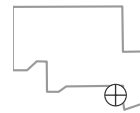


Notes:

1. Top of screen elevation is 3256.74 ft msl.
 2. The bottom of screen elevation is 3246.74 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - ● - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

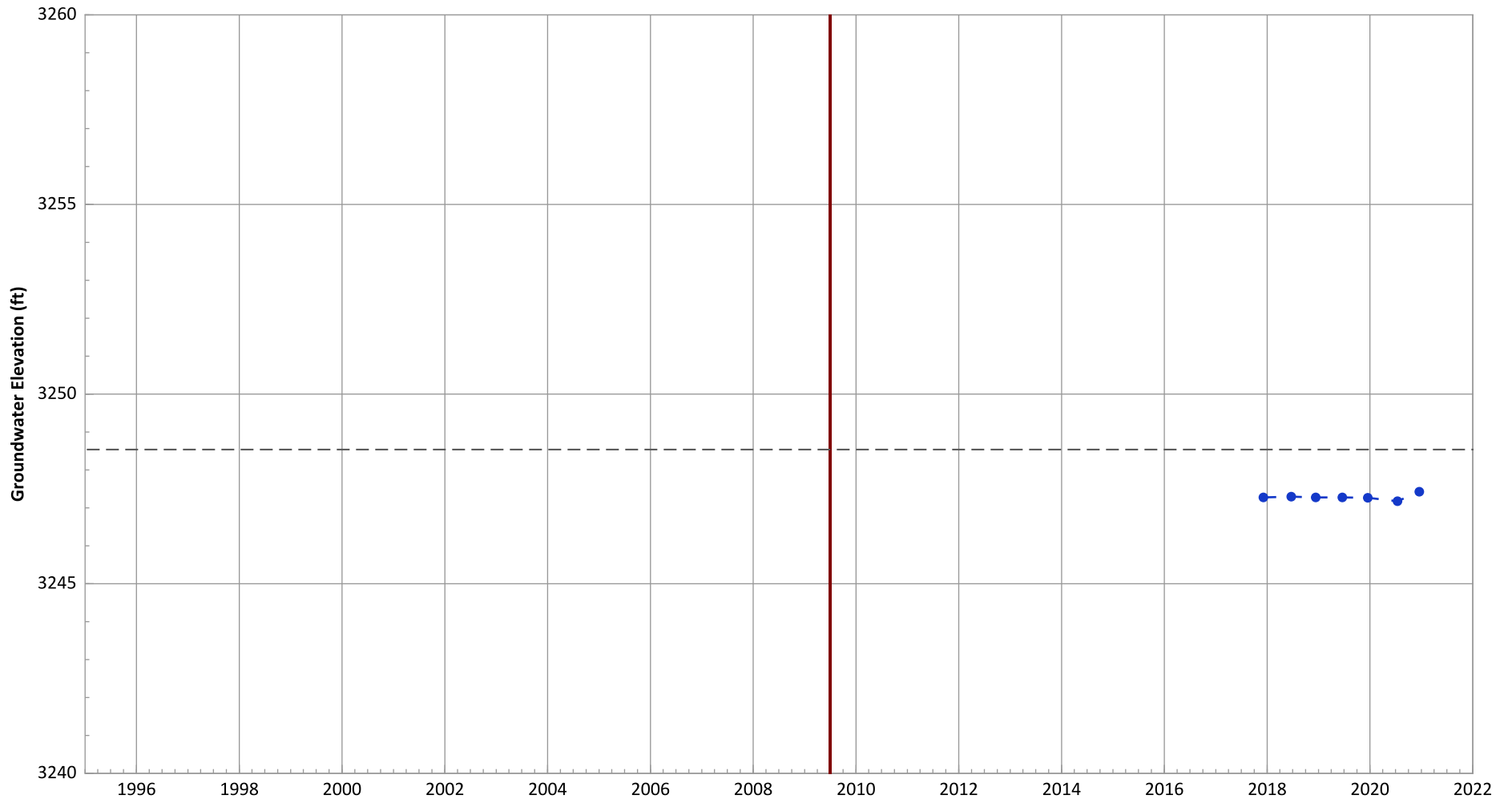
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.28 ft/yr
Data (7/2009 - 1/2021): No Trend

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

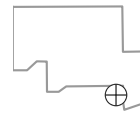


Notes:

1. Top of screen elevation is 3258.54 ft msl.
 2. The bottom of screen elevation is 3248.54 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

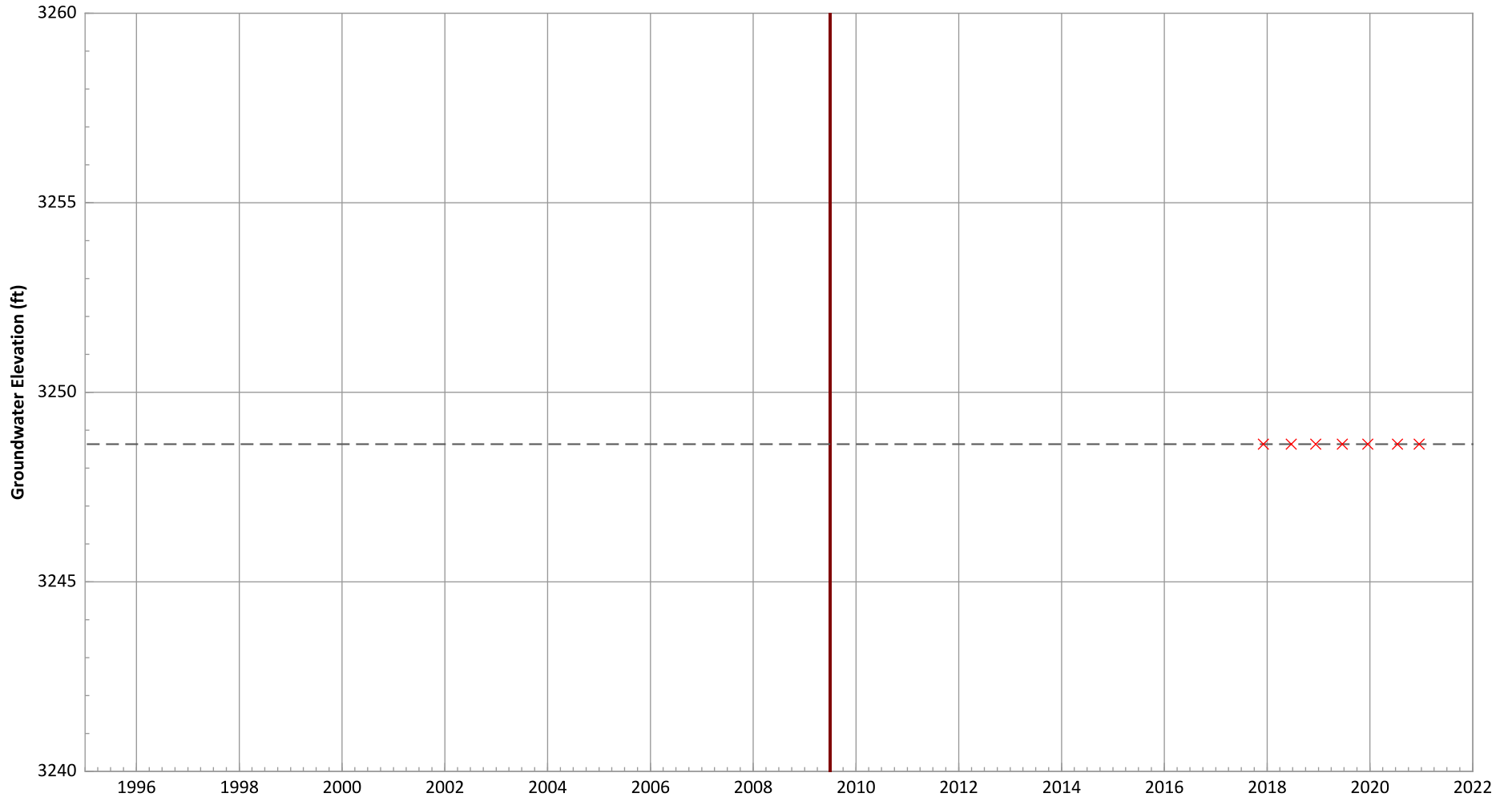
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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



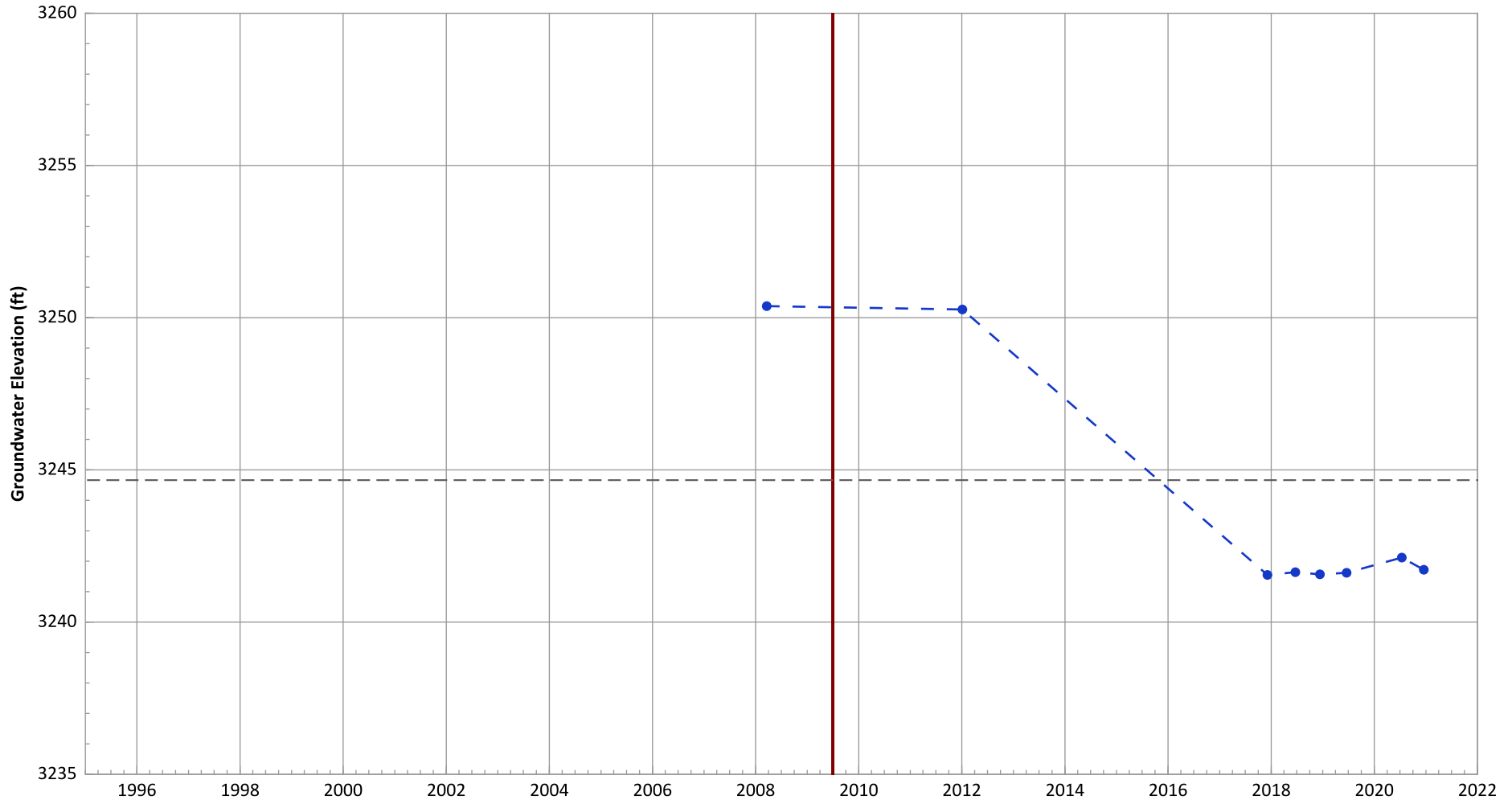
Notes:
 1. Top of screen elevation is 3258.63 ft msl.
 2. The bottom of screen elevation is 3248.63 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

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



Notes:

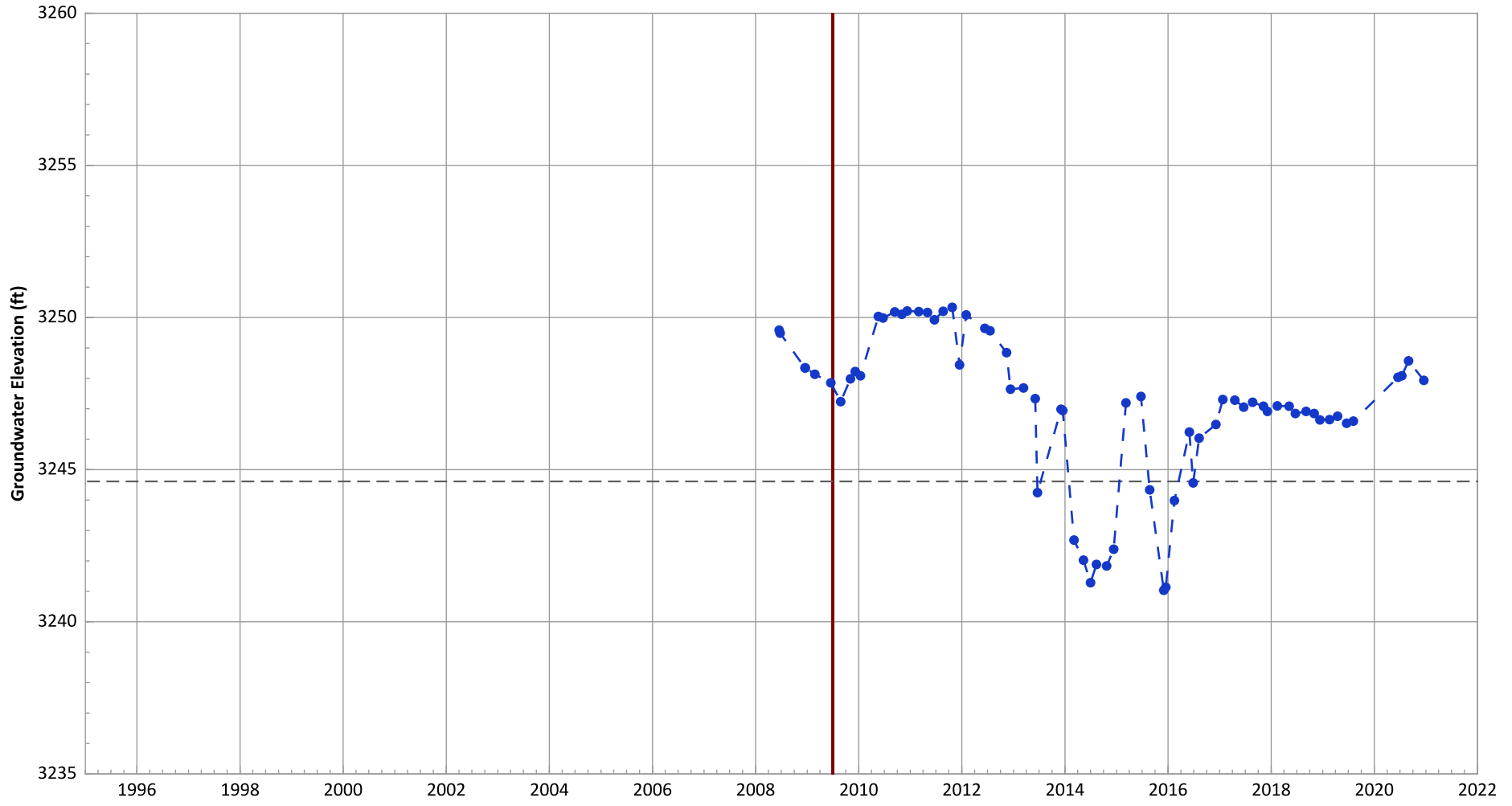
1. Top of screen elevation is 3254.66 ft msl.
 2. The bottom of screen elevation is 3244.66 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - ● - - Groundwater Elevation
- - - - - Bottom of Screen Elevation
- Start of Remedial Action



Hydrograph Trend
(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.14 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.99 ft/yr

**PTX06-ISB030B Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



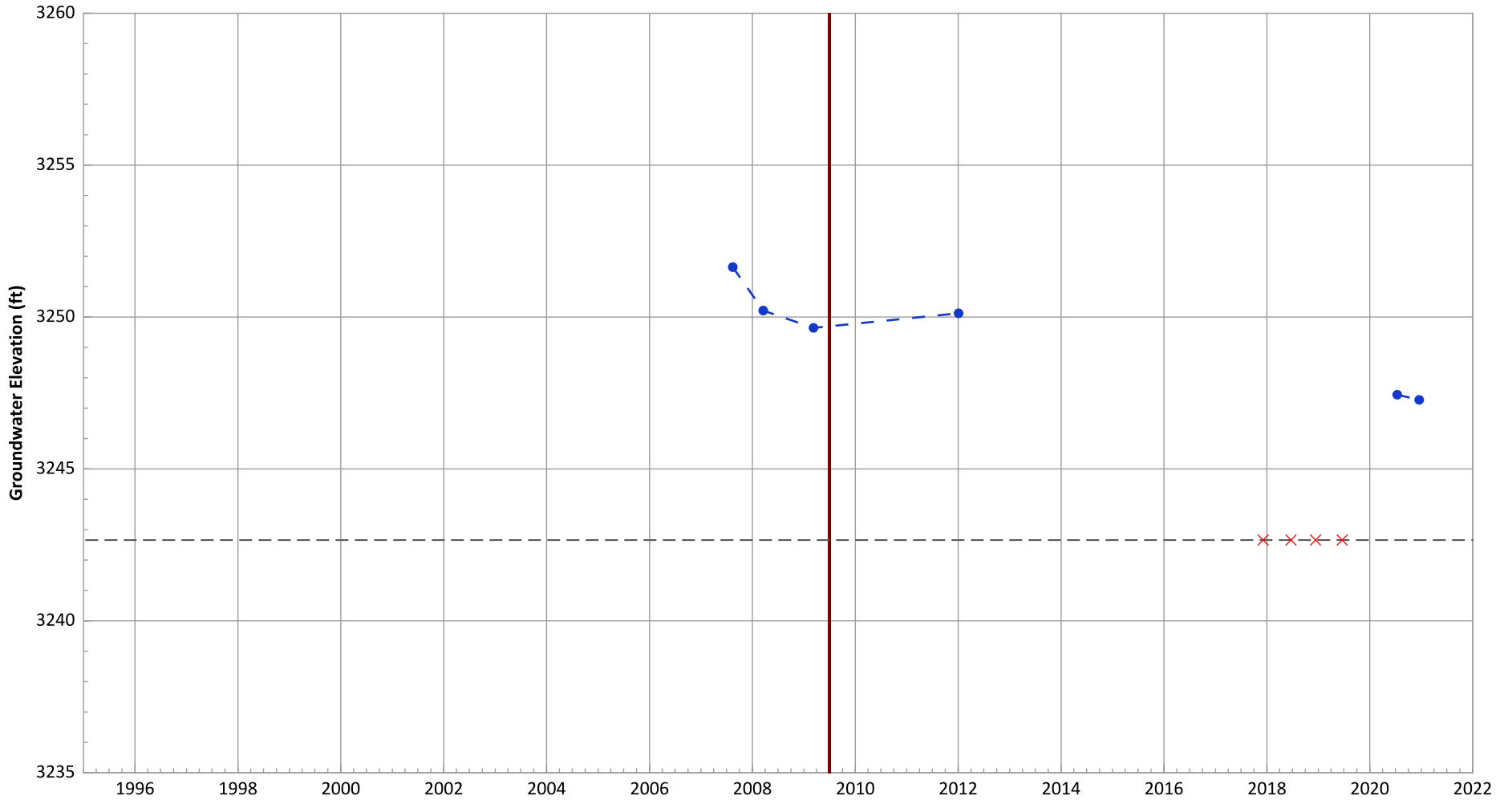
Notes:
 1. Top of screen elevation is 3254.61 ft msl.
 2. The bottom of screen elevation is 3244.61 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

—●— Groundwater Elevation
 - - - Bottom of Screen Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.08 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.25 ft/yr

**PTX06-ISB031 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



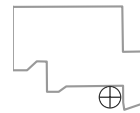
Notes:

1. Top of screen elevation is 3257.66 ft msl.
2. The bottom of screen elevation is 3242.66 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

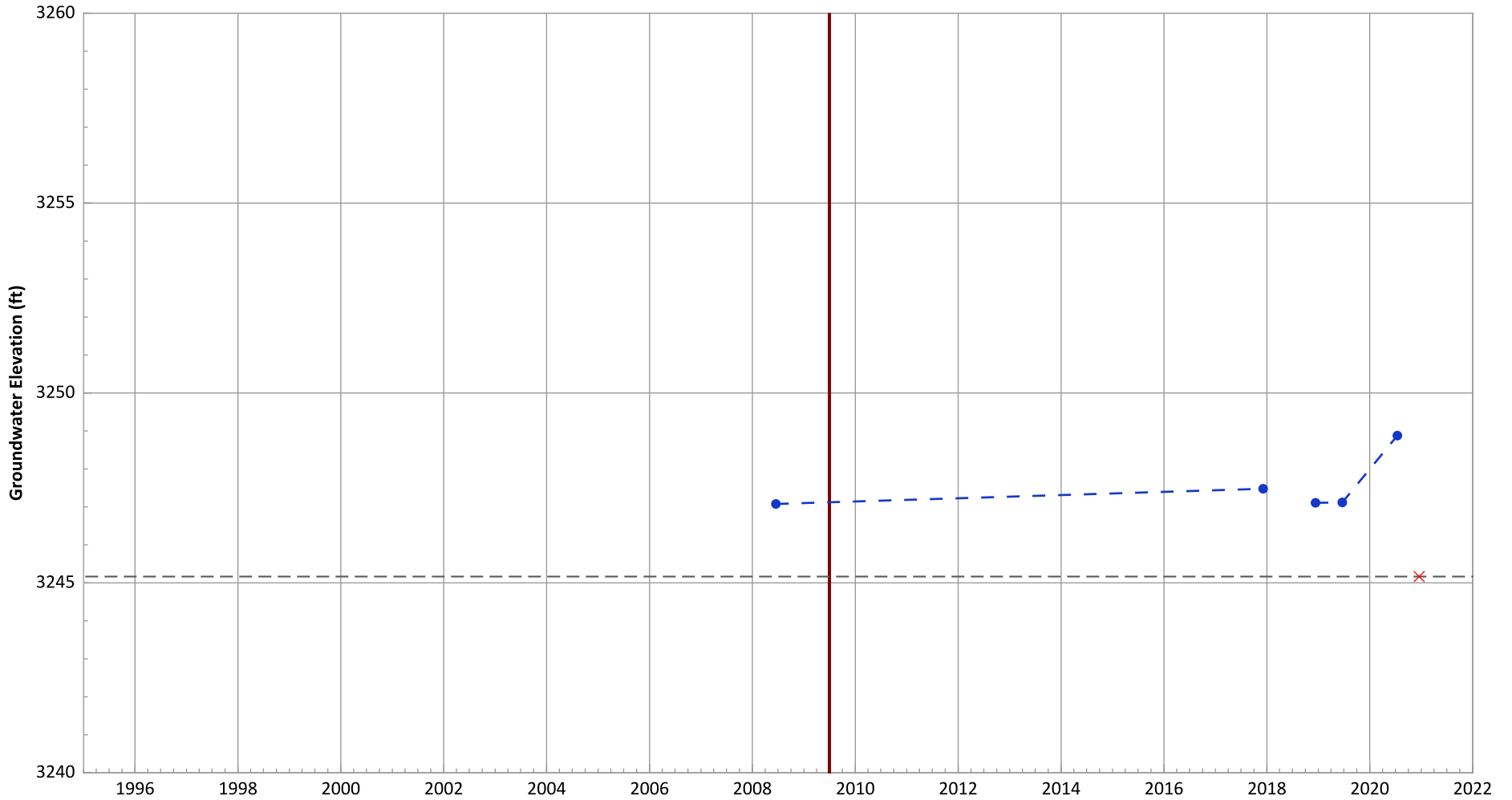
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (<3 Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.32 ft/yr

PTX06-ISB032 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



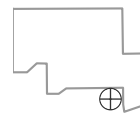
Notes:

1. Top of screen elevation is 3255.17 ft msl.
2. The bottom of screen elevation is 3245.17 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

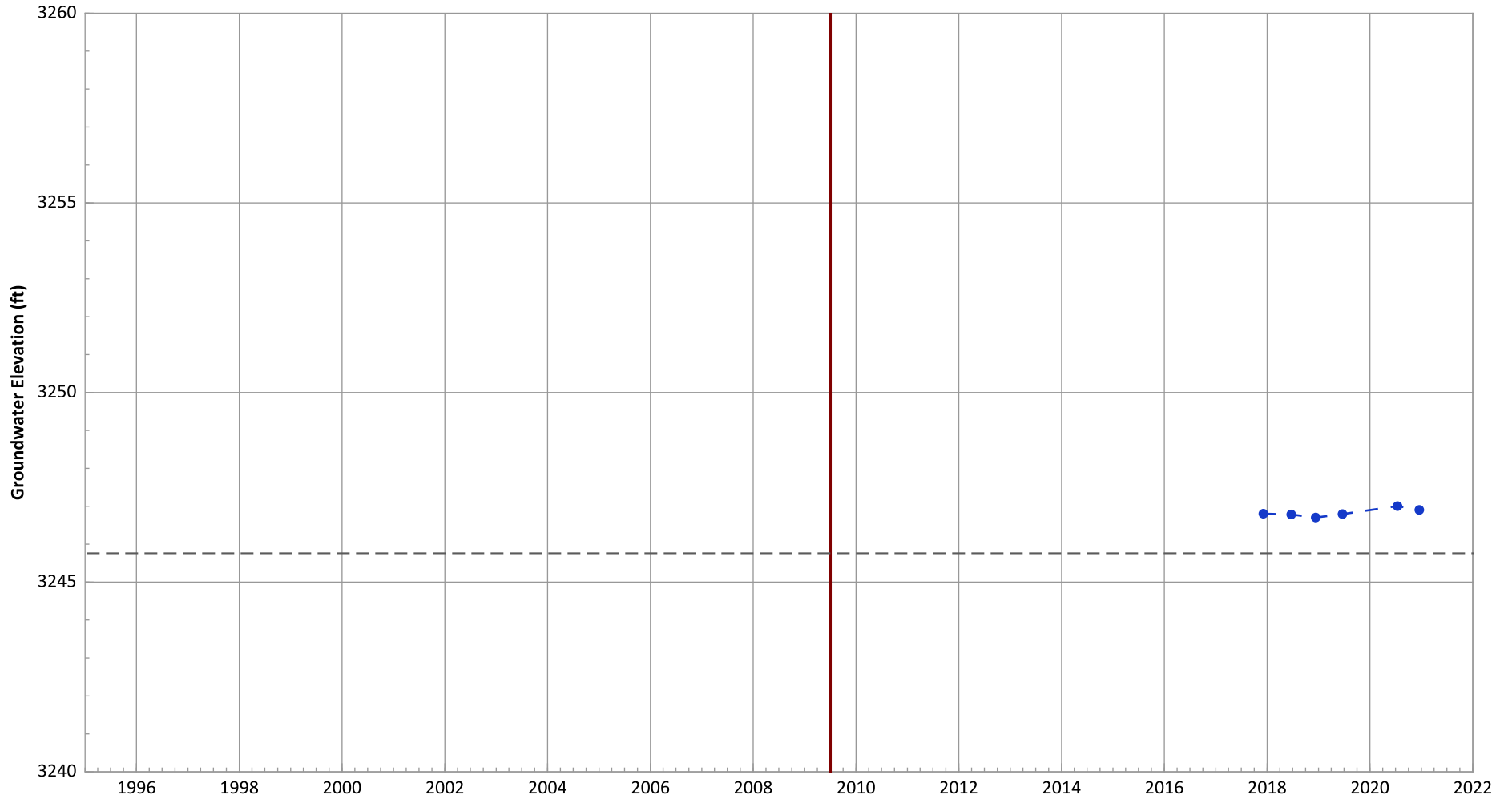
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 1.64 ft/yr
Data (7/2009 - 1/2021): Increasing at 0.52 ft/yr

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



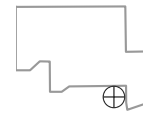
Notes:

1. Top of screen elevation is 3255.76 ft msl.
2. The bottom of screen elevation is 3245.76 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

**PTX06-ISB034 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

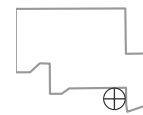


Notes:

1. Top of screen elevation is 3252.49 ft msl.
 2. The bottom of screen elevation is 3242.49 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

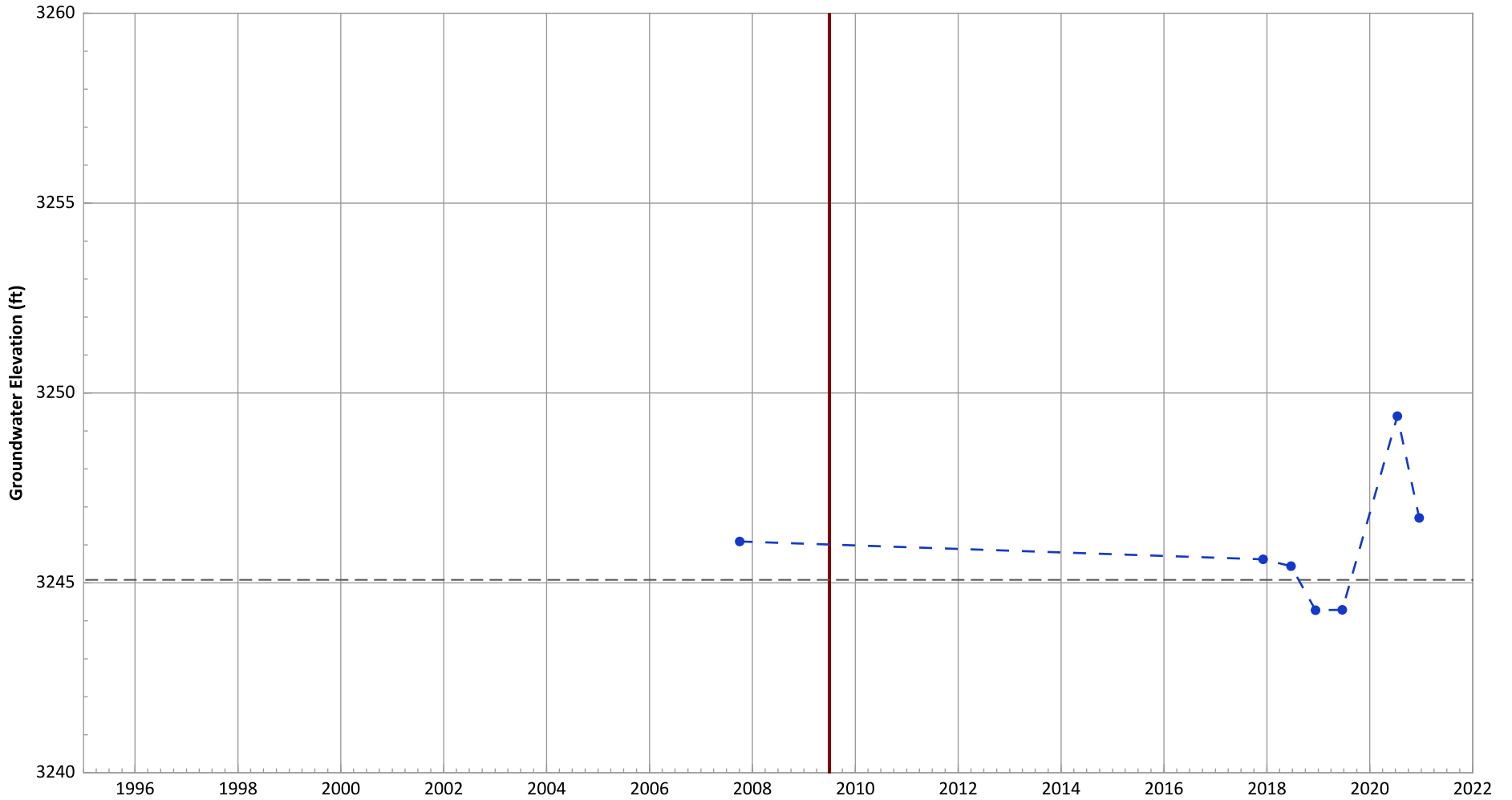
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

PTX06-ISB035 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

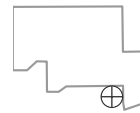


Notes:

1. Top of screen elevation is 3255.08 ft msl.
 2. The bottom of screen elevation is 3245.08 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

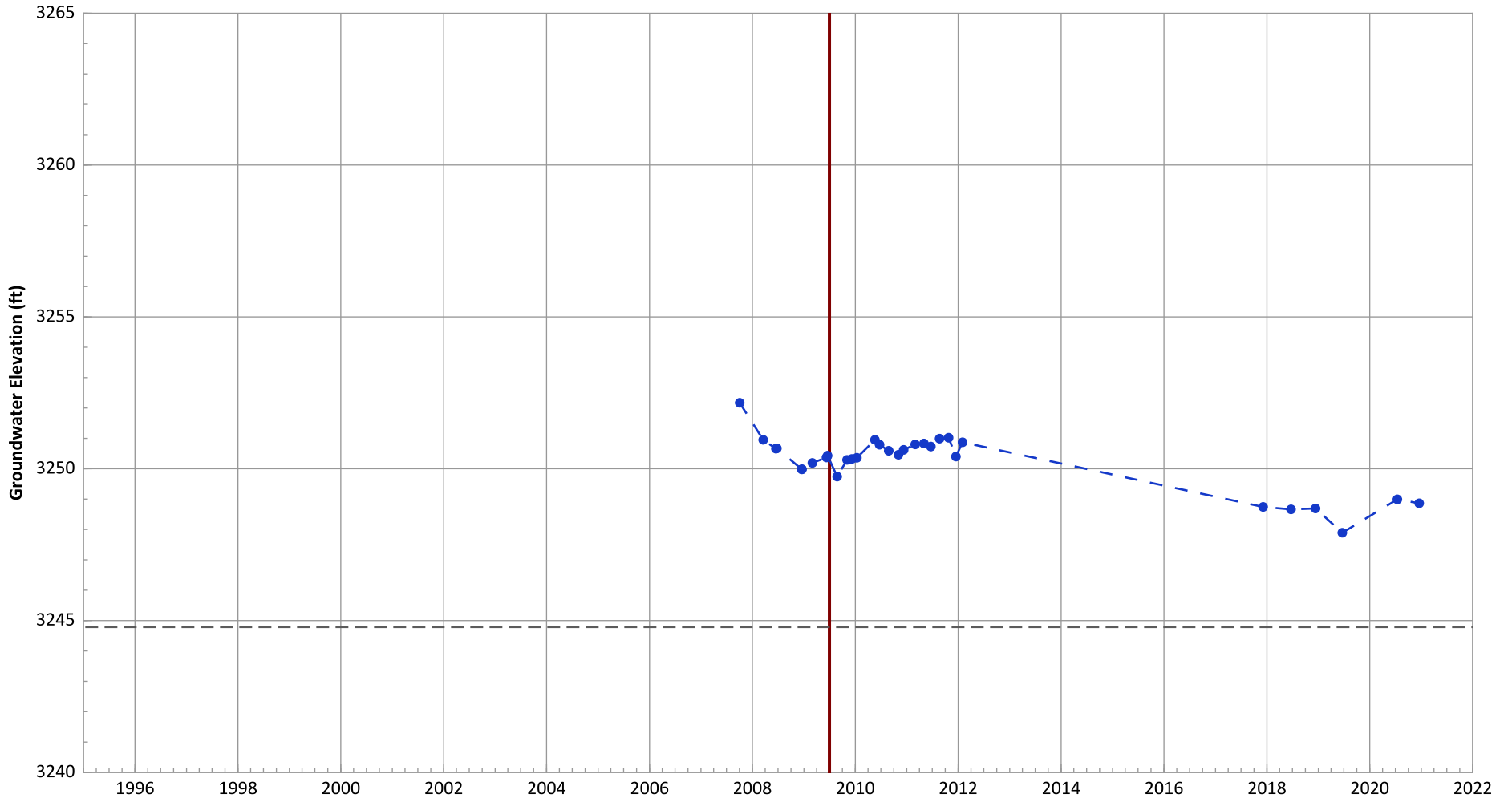
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 2.23 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.96 ft/yr

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

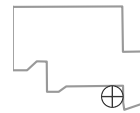


Notes:

1. Top of screen elevation is 3254.78 ft msl.
 2. The bottom of screen elevation is 3244.78 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

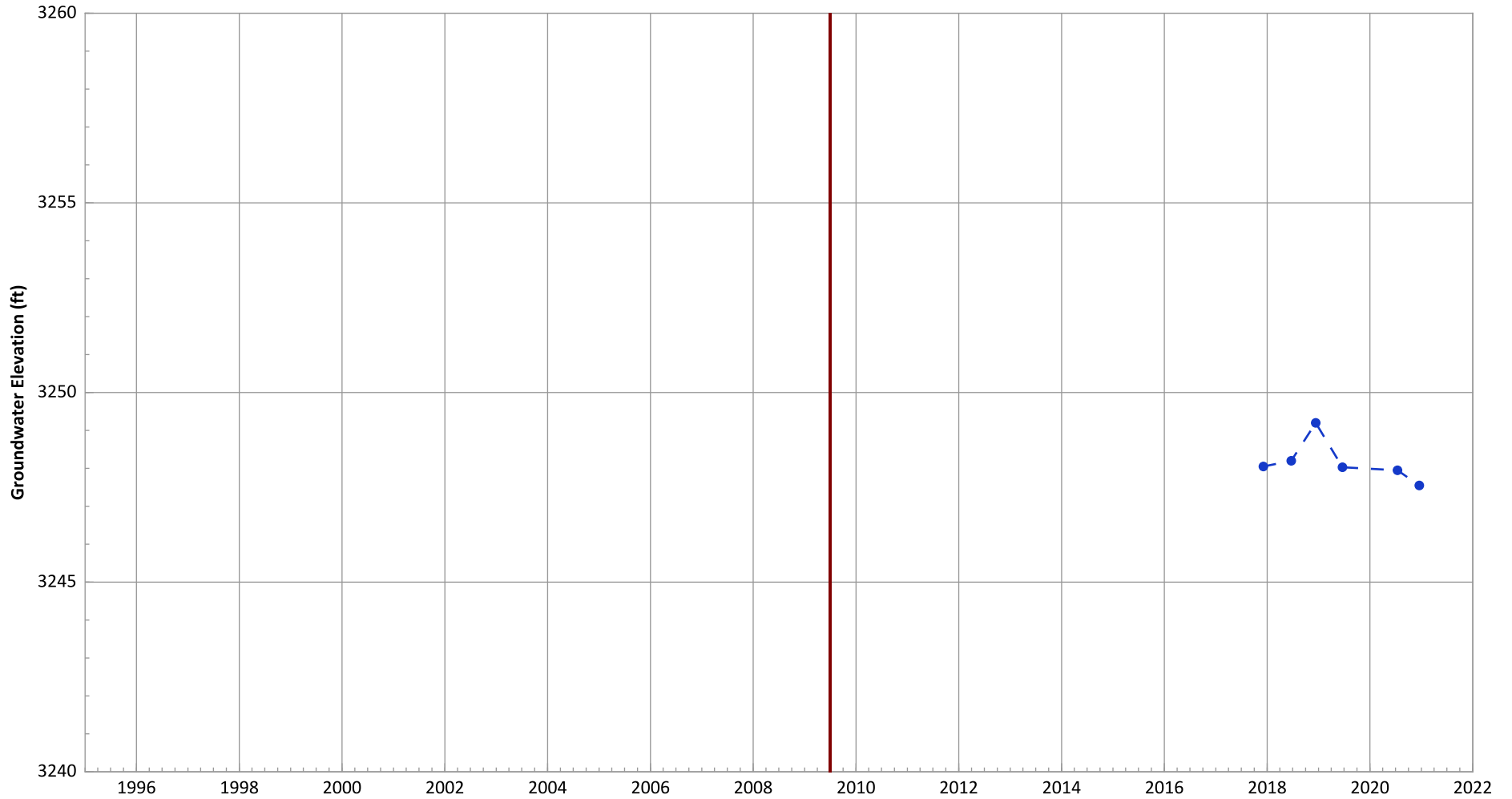
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.72 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.21 ft/yr

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

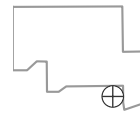


Notes:

1. Top of screen elevation is 3249.54 ft msl.
 2. The bottom of screen elevation is 3239.54 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

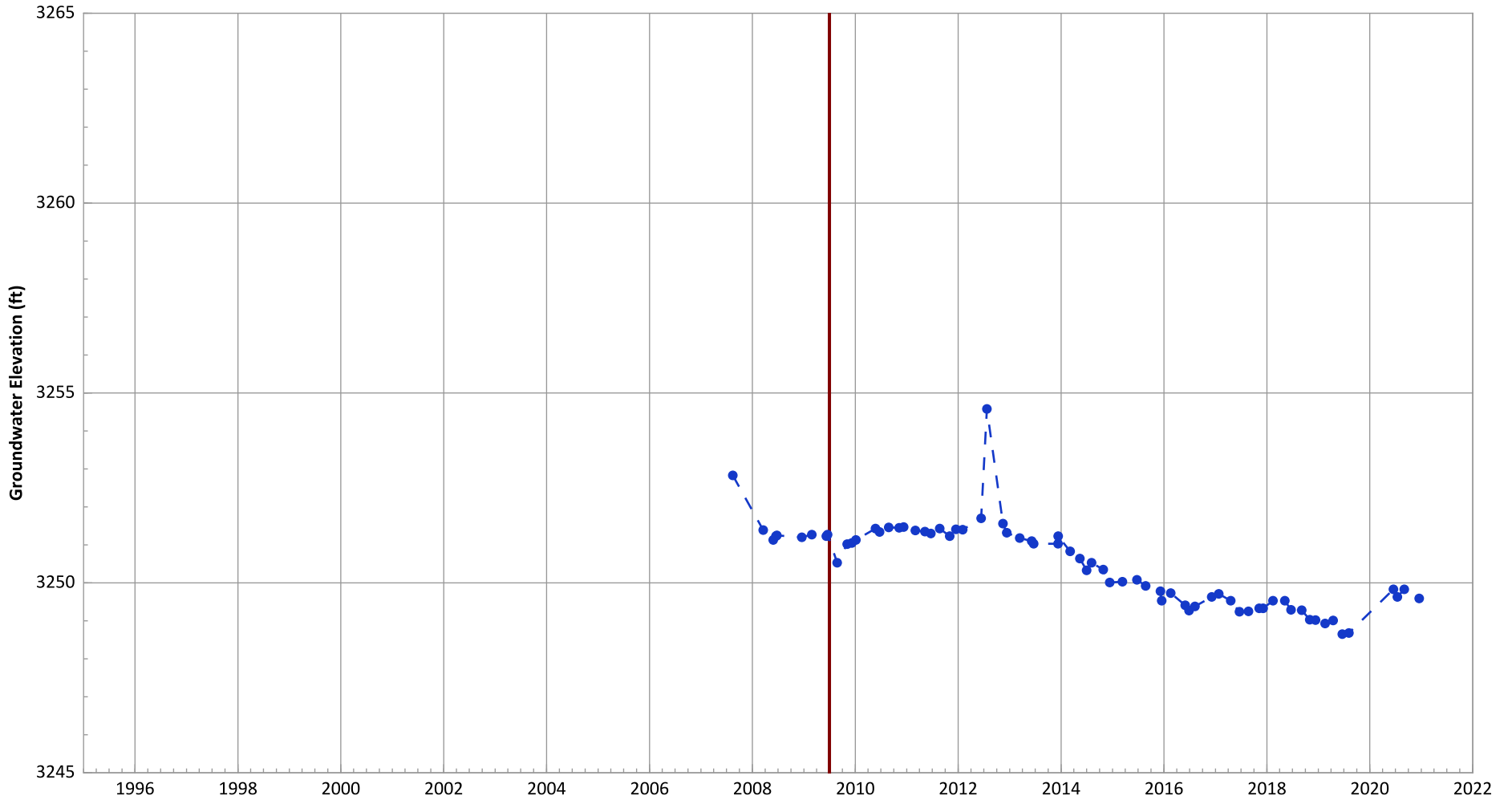
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 0.27 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.22 ft/yr

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

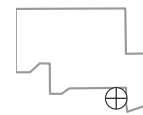


Notes:

1. Top of screen elevation is 3251.76 ft msl.
 2. The bottom of screen elevation is 3241.76 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

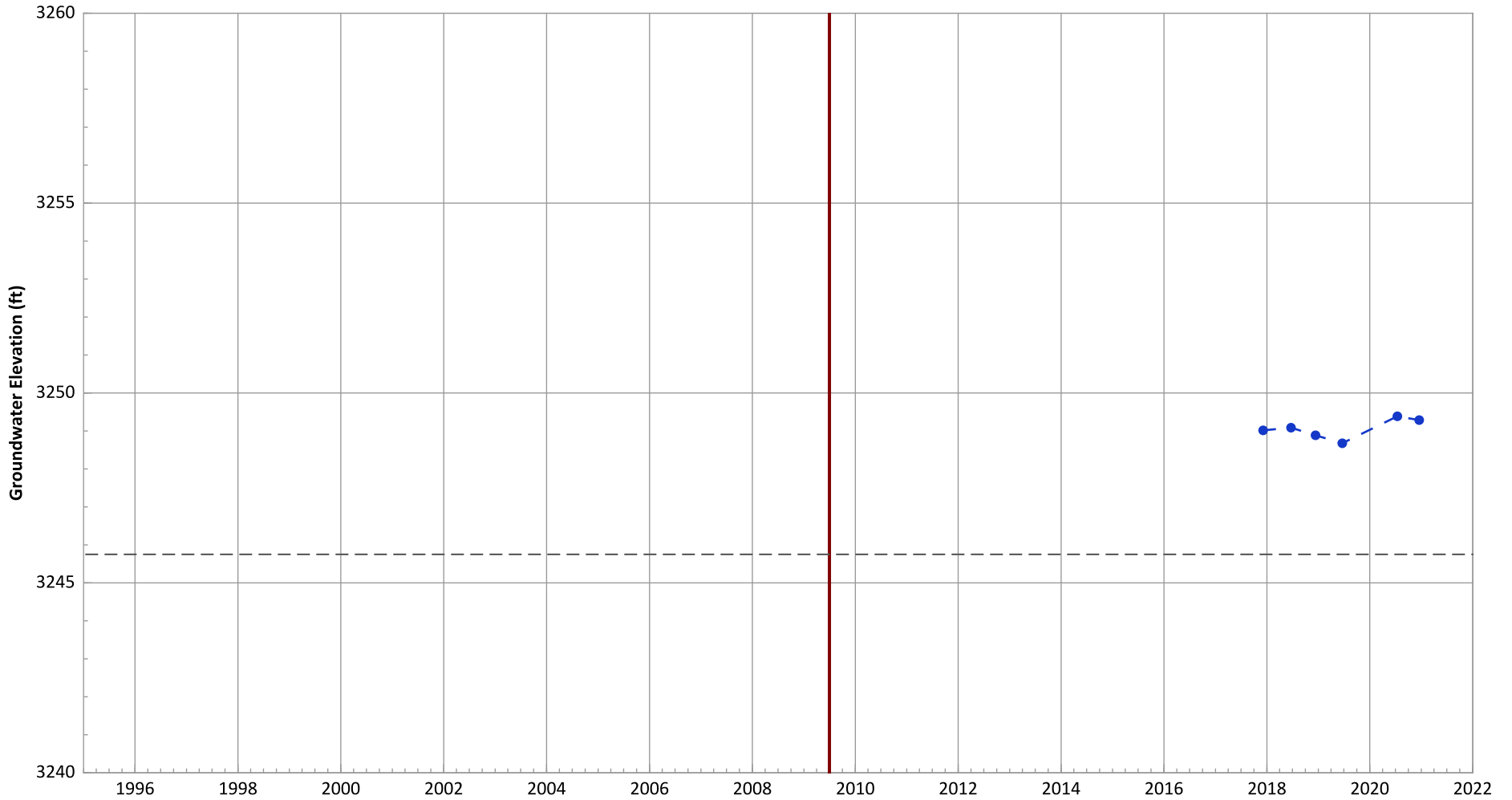
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.61 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.26 ft/yr

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



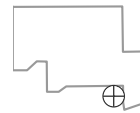
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



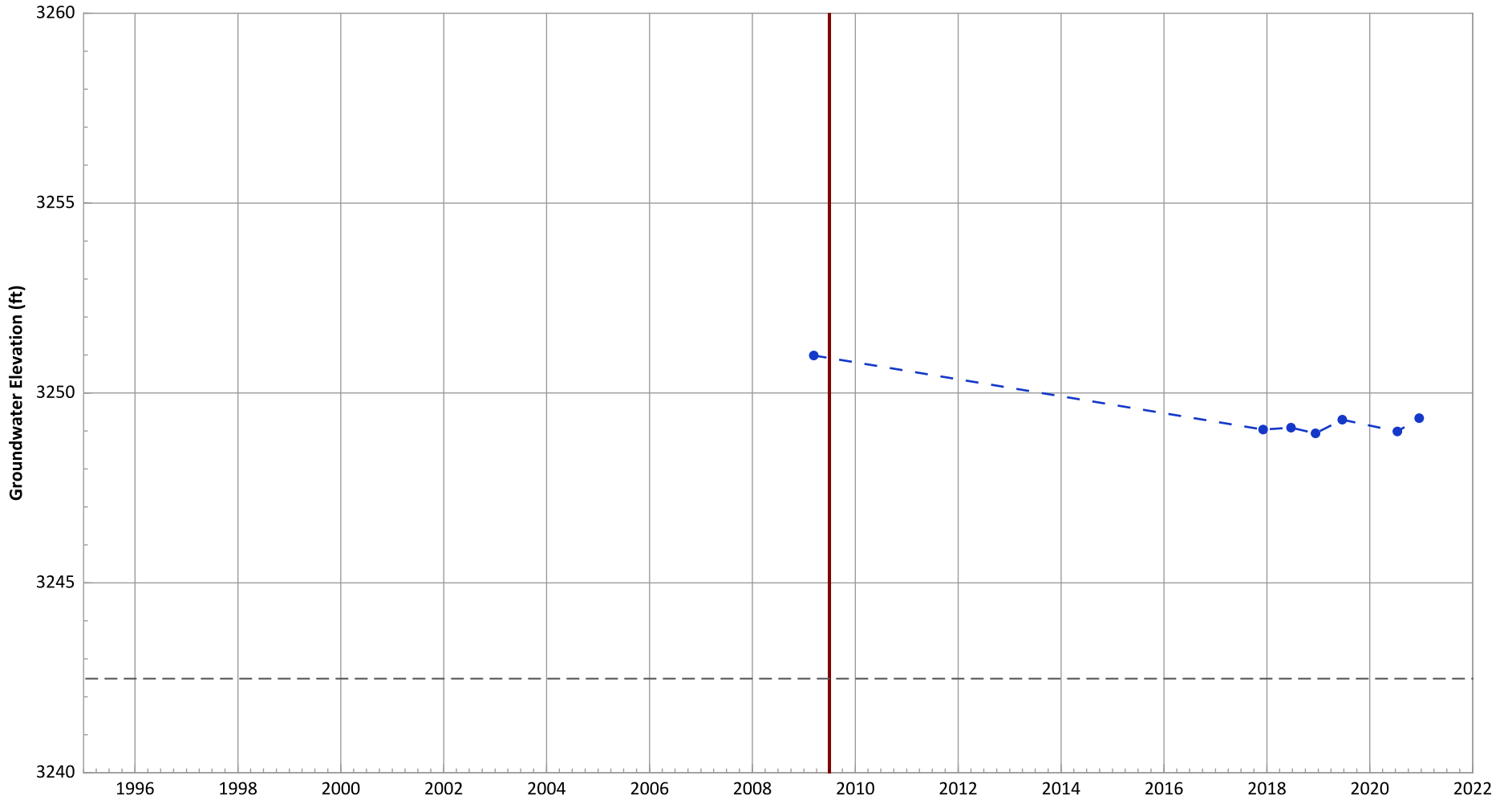
Hydrograph Trend

(MAROS Linear Regression Method)

2019 - 2021 Data: Increasing at 0.46 ft/yr

Data (7/2009 - 1/2021): Increasing at 0.12 ft/yr

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

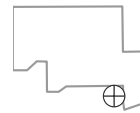


Notes:

1. Top of screen elevation is 3252.48 ft msl.
 2. The bottom of screen elevation is 3242.48 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - - ● - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

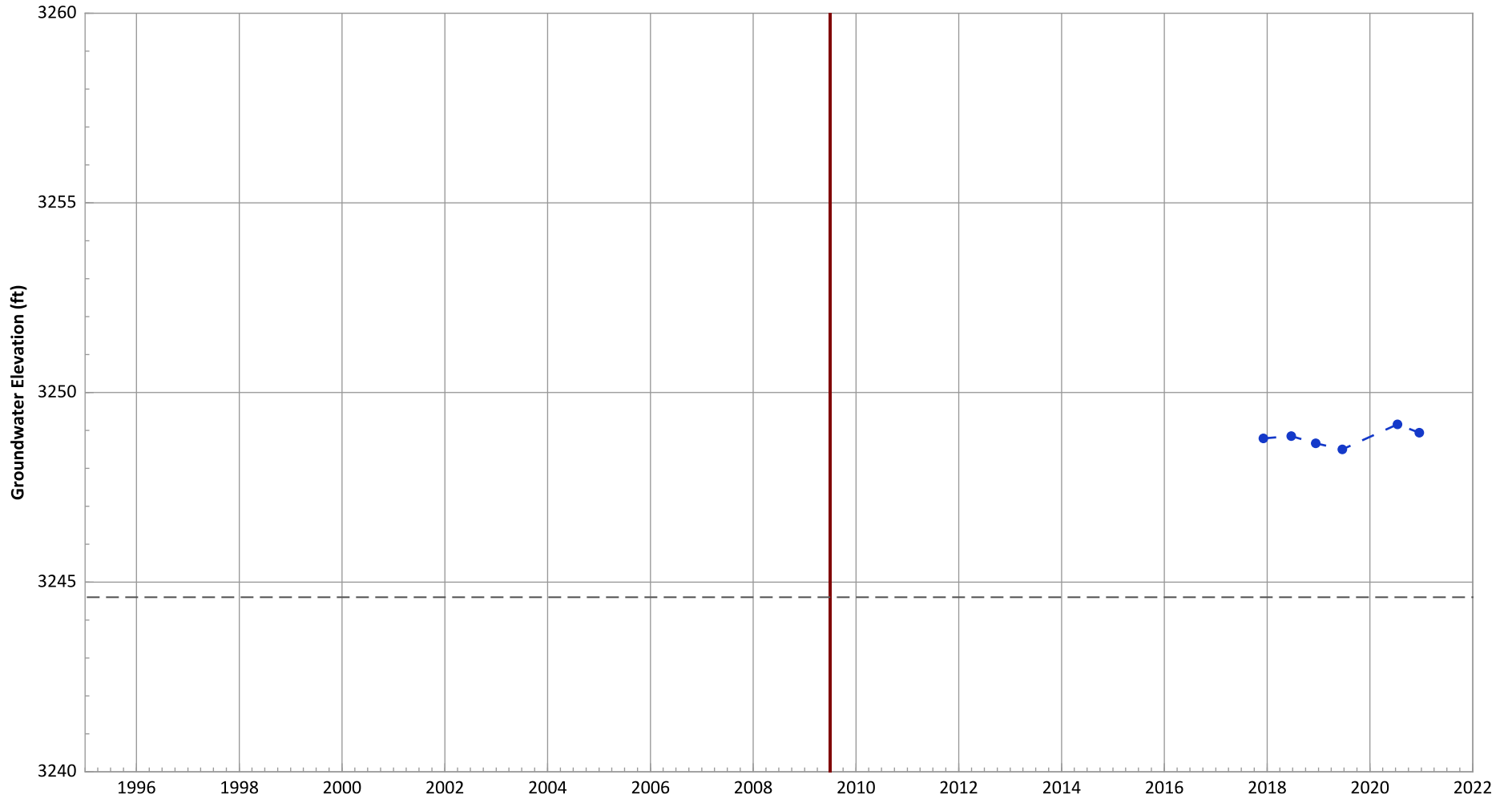
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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

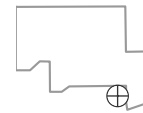


Notes:

1. Top of screen elevation is 3254.6 ft msl.
 2. The bottom of screen elevation is 3244.6 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

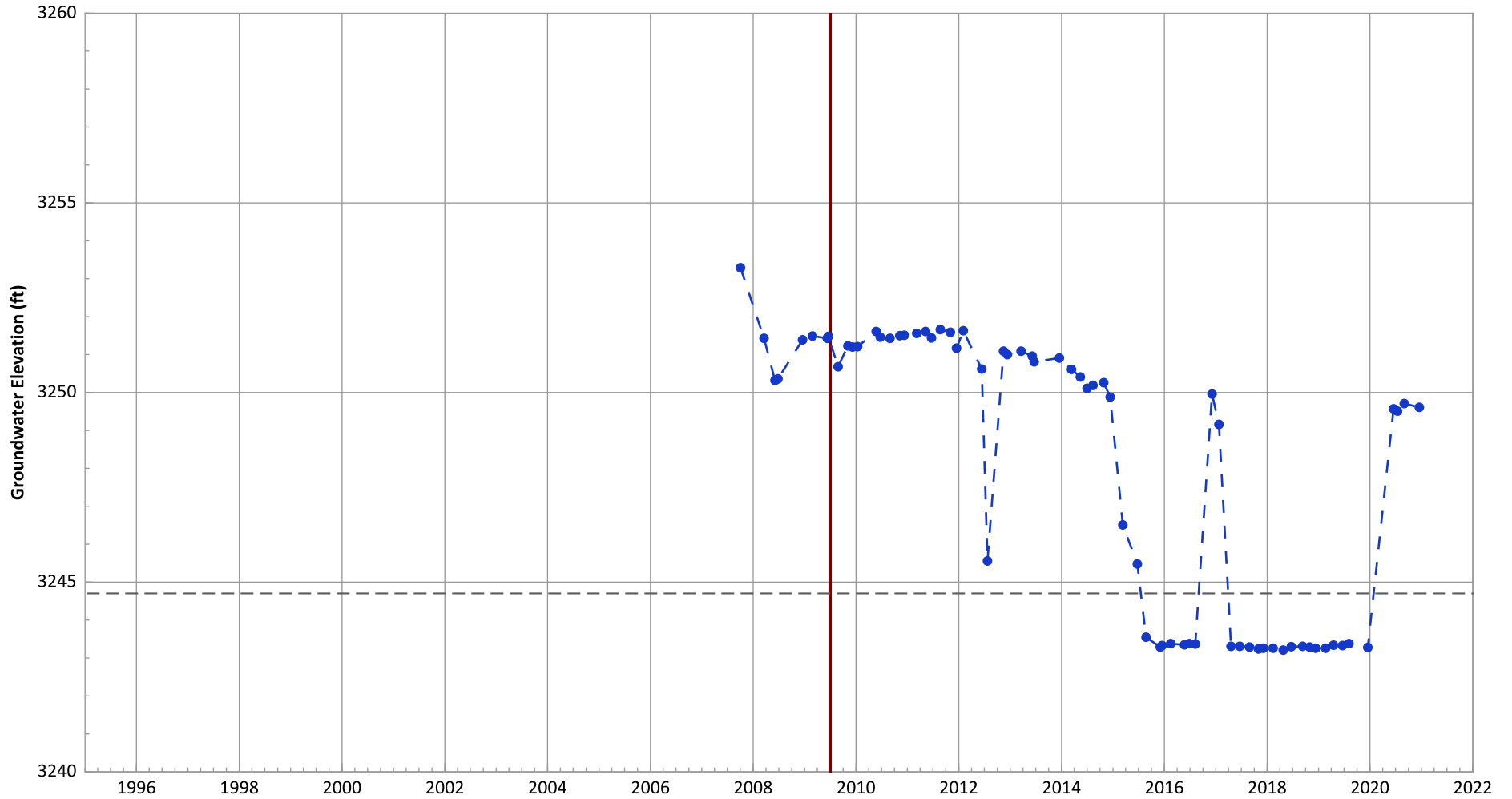
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.36 ft/yr
Data (7/2009 - 1/2021): No Trend

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



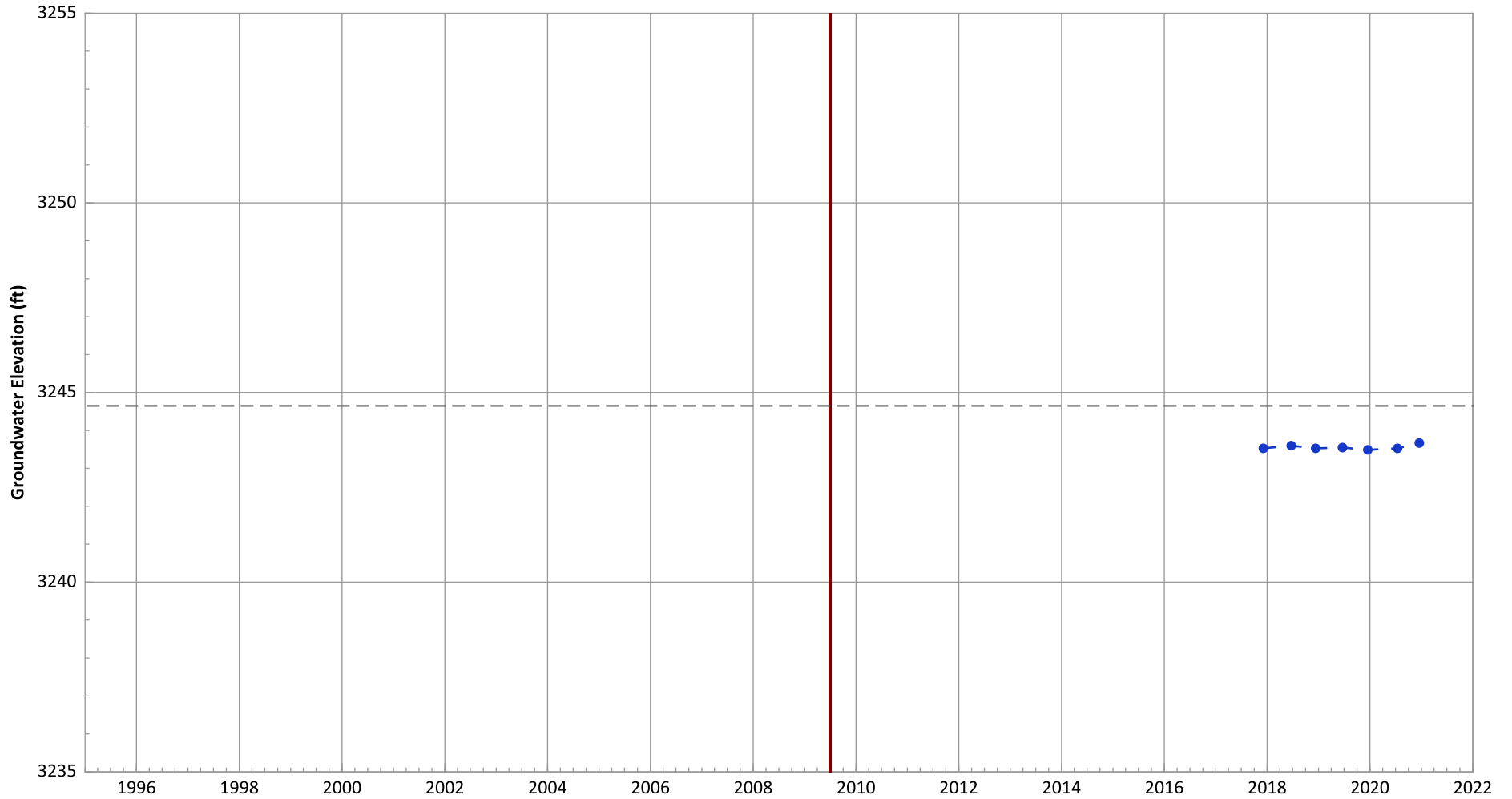
Notes:
 1. Top of screen elevation is 3254.7 ft msl.
 2. The bottom of screen elevation is 3244.7 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

—●— Groundwater Elevation
 - - - Bottom of Screen Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 4.57 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.78 ft/yr

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



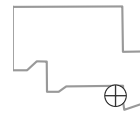
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

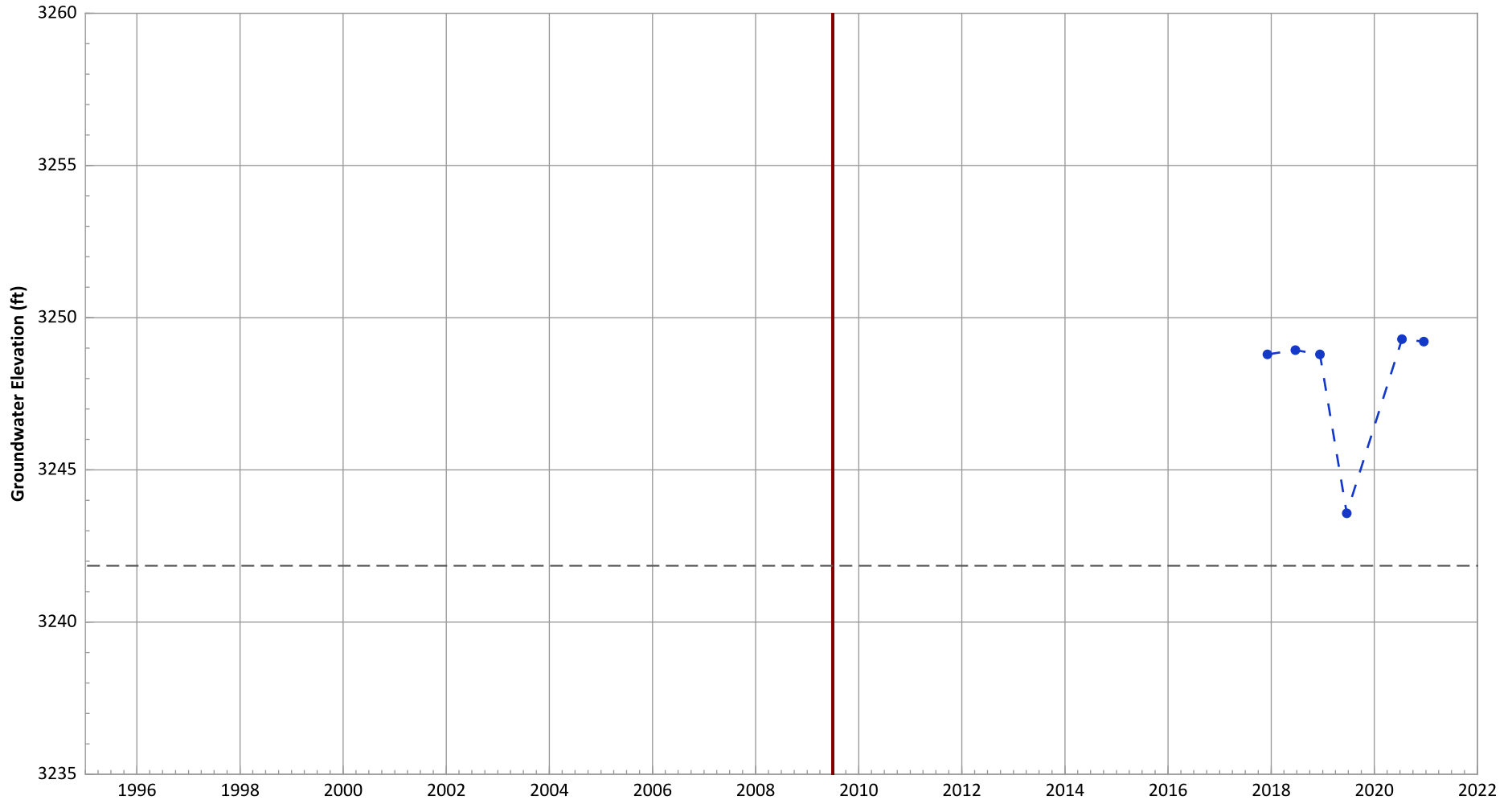
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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



Notes:

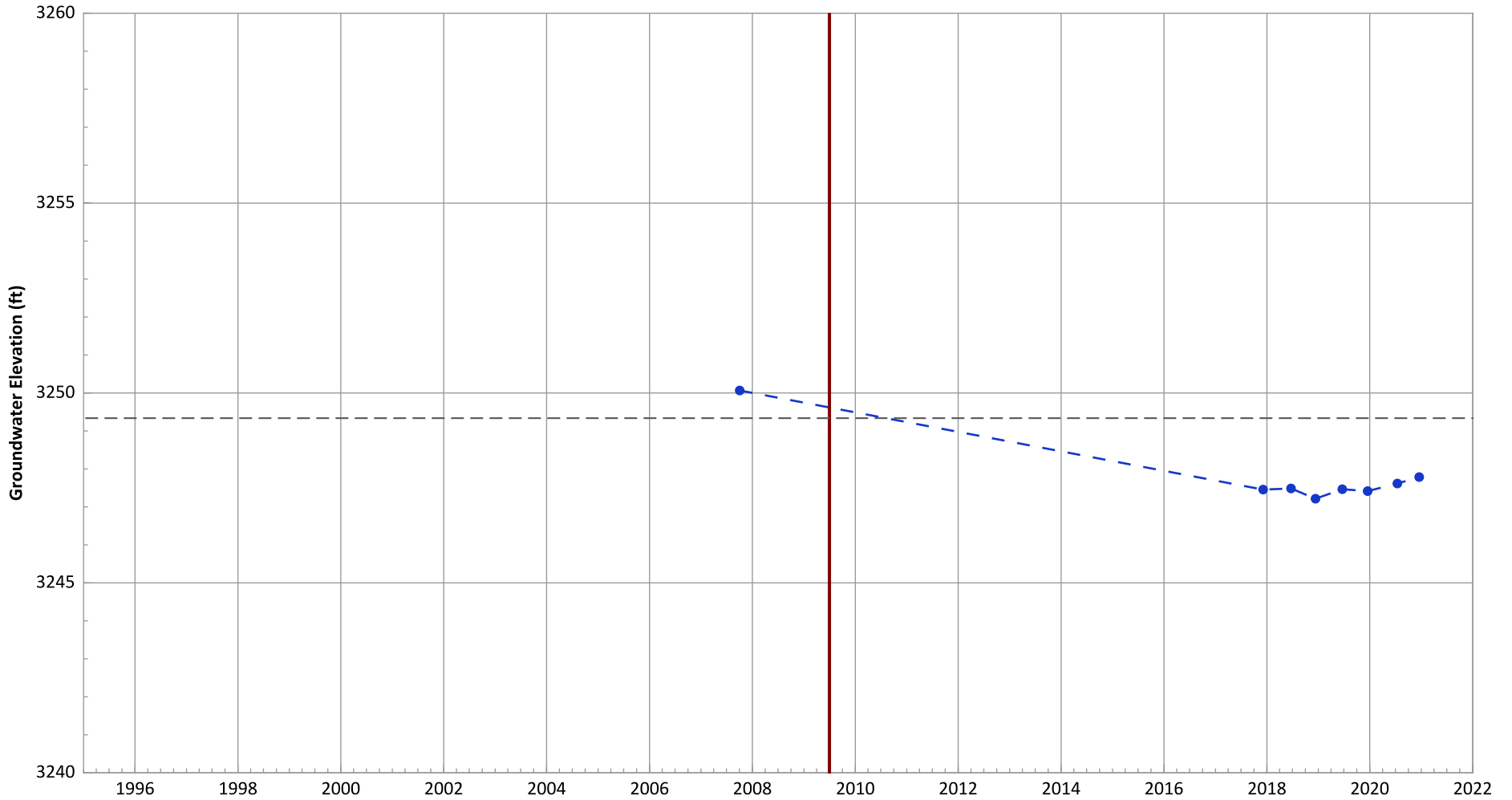
1. Top of screen elevation is 3251.85 ft msl.
 2. The bottom of screen elevation is 3241.85 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action



Hydrograph Trend
(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 4.08 ft/yr
Data (7/2009 - 1/2021): No Trend

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

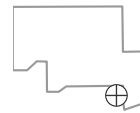


Notes:

1. Top of screen elevation is 3259.34 ft msl.
 2. The bottom of screen elevation is 3249.34 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

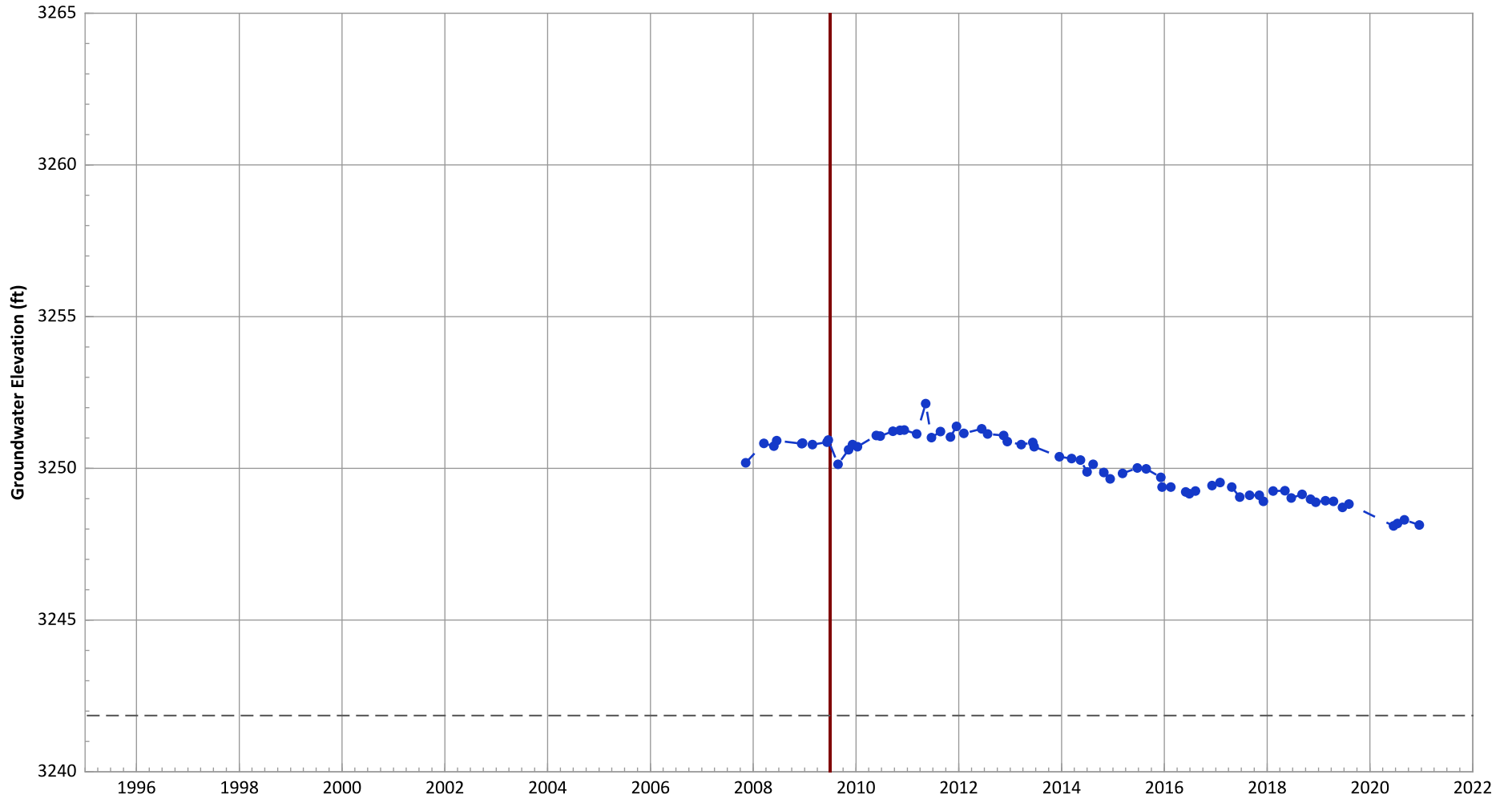
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.23 ft/yr
Data (7/2009 - 1/2021): Increasing at 0.1 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

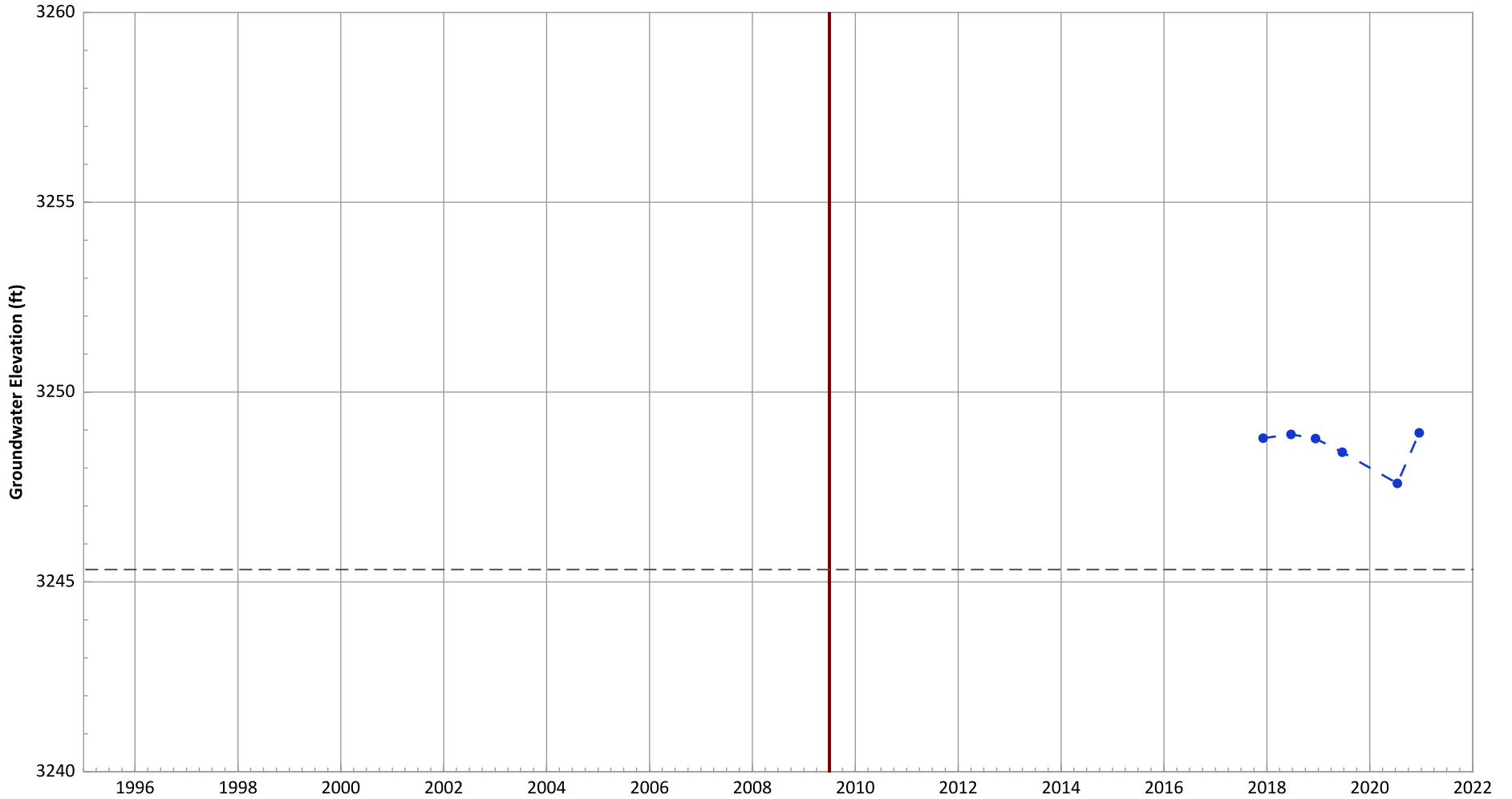
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 0.49 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.28 ft/yr

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



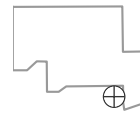
Notes:

1. Top of screen elevation is 3255.33 ft msl.
2. The bottom of screen elevation is 3245.33 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

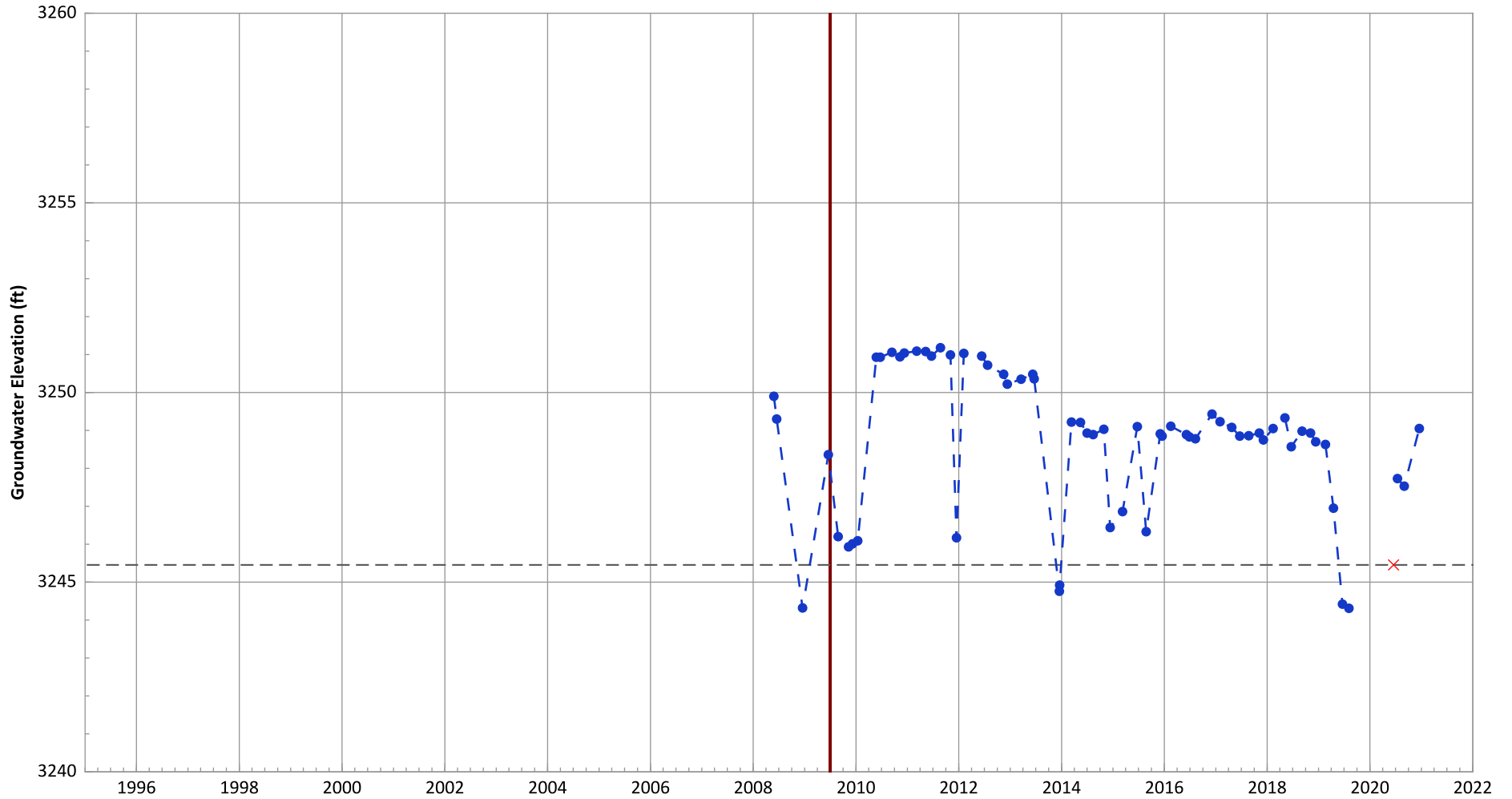
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.13 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.18 ft/yr

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



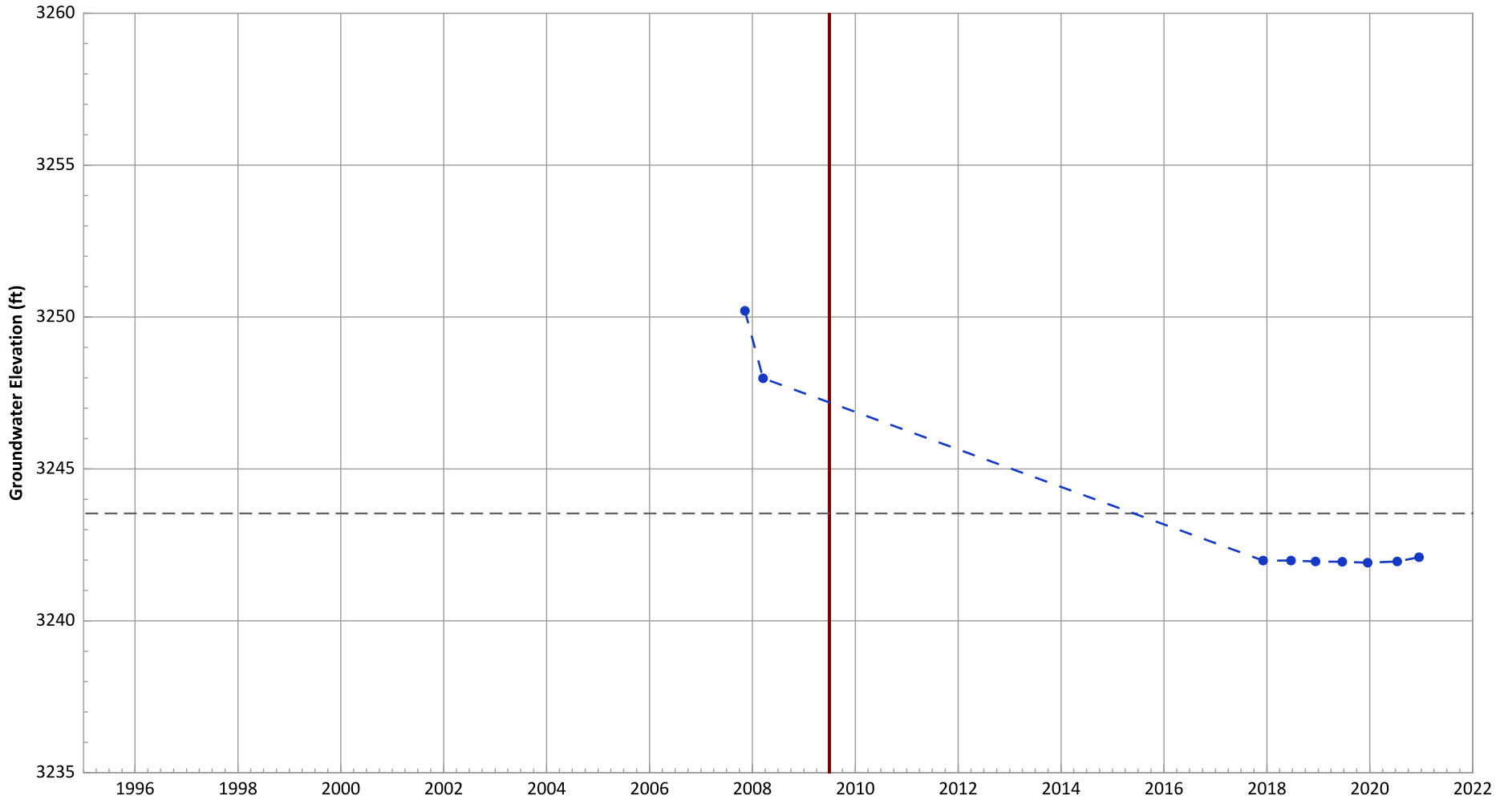
Notes:
 1. Top of screen elevation is 3255.45 ft msl.
 2. The bottom of screen elevation is 3245.45 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.13 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.16 ft/yr

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



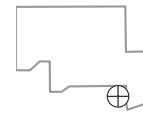
Notes:

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

Analysis Date: 02/24/2021

- - ● - - Groundwater Elevation
- - - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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



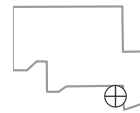
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

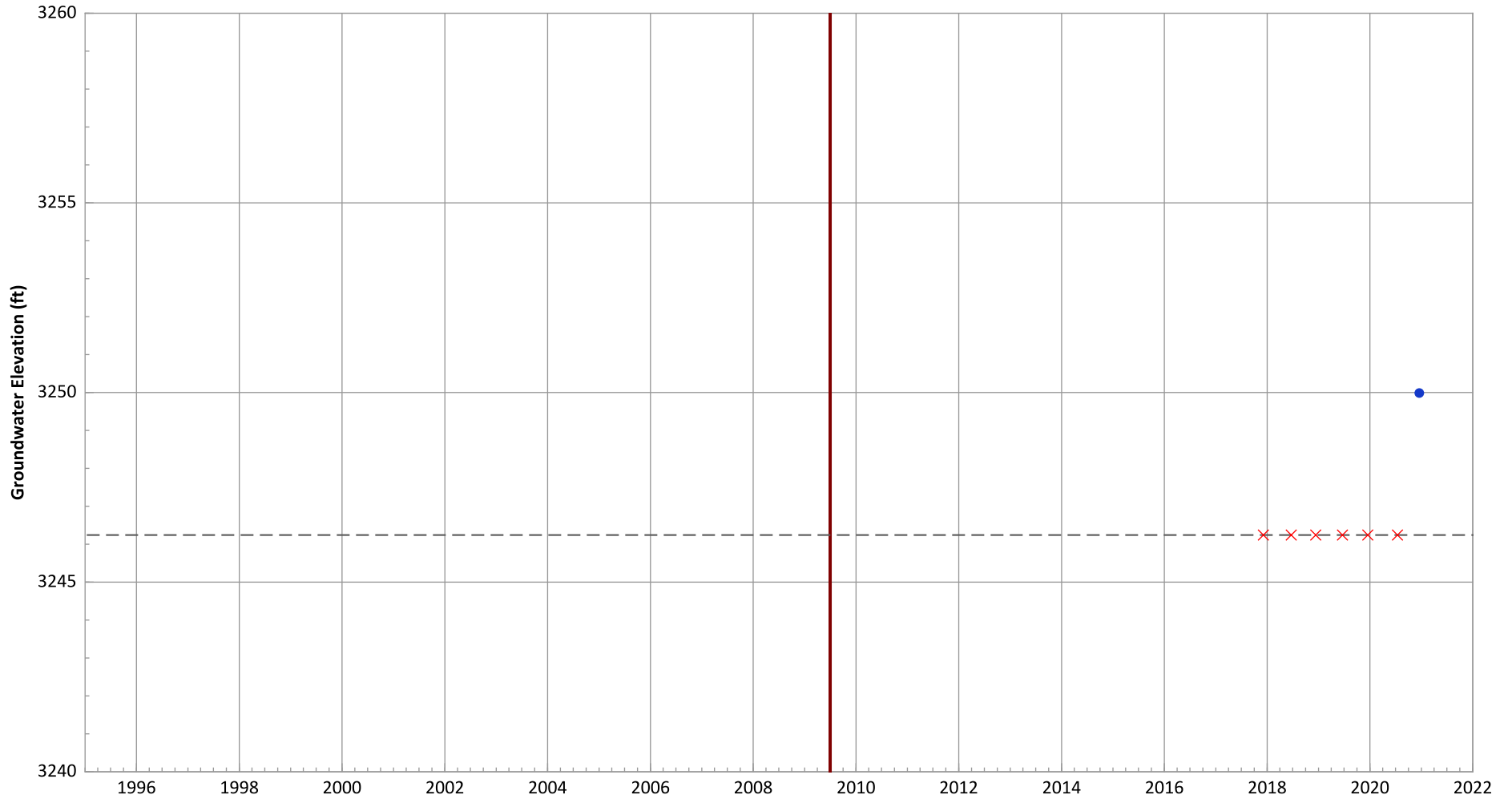
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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

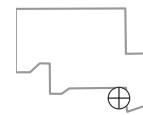


Notes:

1. Top of screen elevation is 3256.24 ft msl.
 2. The bottom of screen elevation is 3246.24 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (<3 Measurements)
 Data (7/2009 - 1/2021): N/A (<3 Measurements)

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

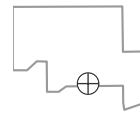


Notes:

1. Top of screen elevation is 3269.9 ft msl.
 2. The bottom of screen elevation is 3249.9 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

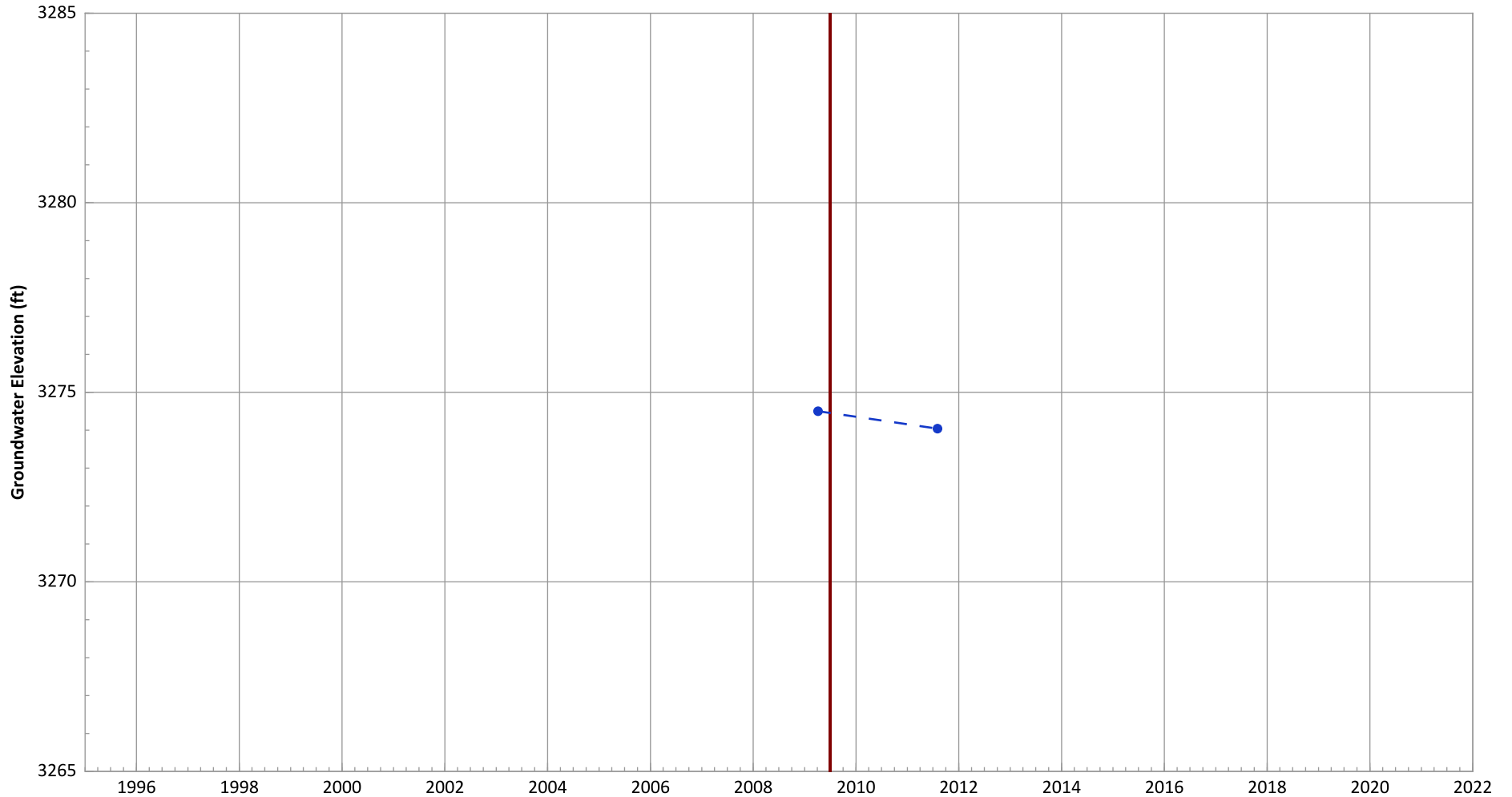
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): Decreasing at 0.14 ft/yr

**PTX06-ISB057 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

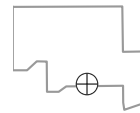


Notes:

1. Top of screen elevation is 3274.18 ft msl.
 2. The bottom of screen elevation is 3254.18 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

-●- Groundwater Elevation
— Start of Remedial Action

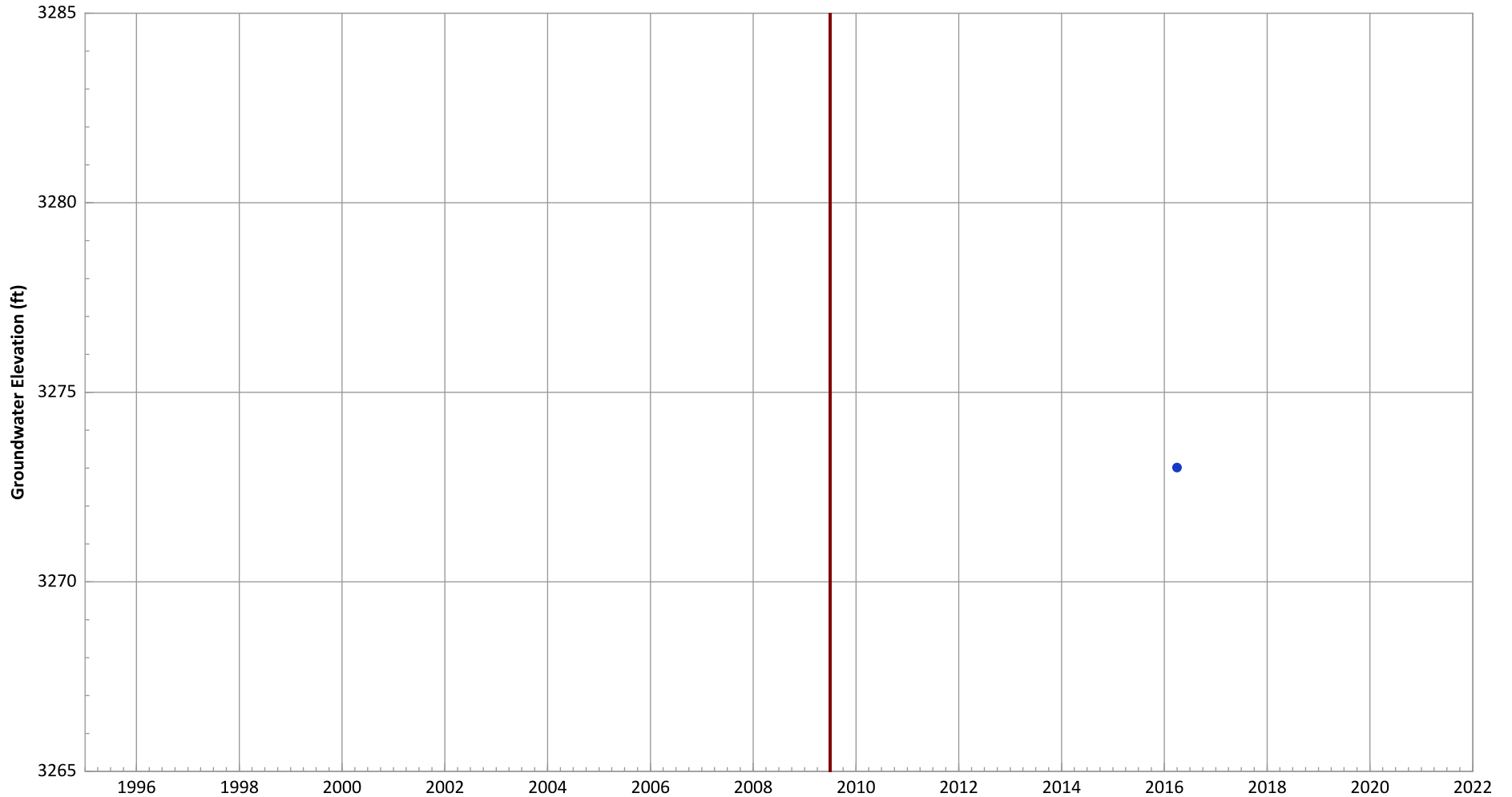
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (<3 Measurements)

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



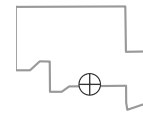
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

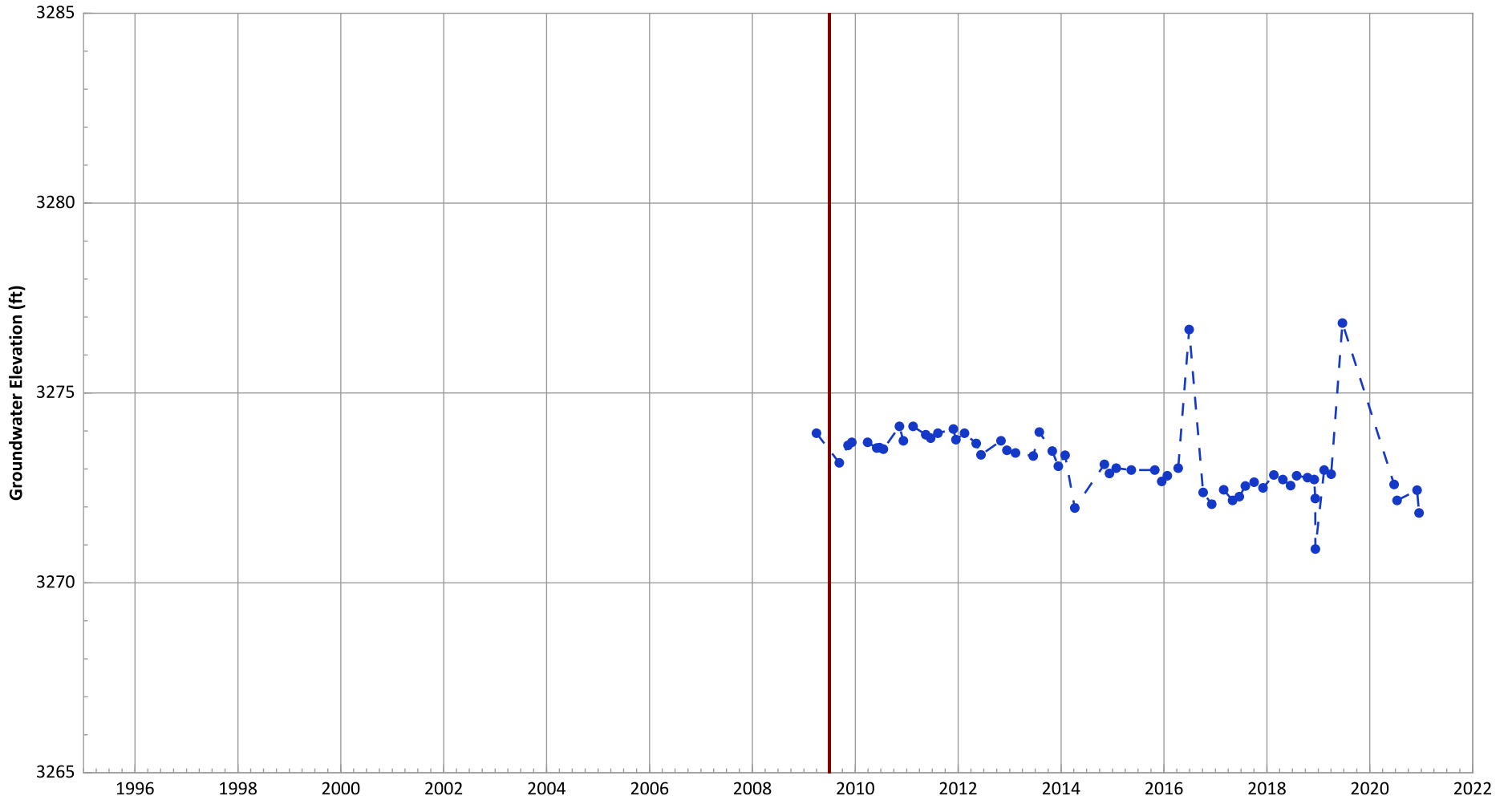
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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

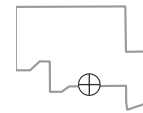


Notes:

1. Top of screen elevation is 3271.55 ft msl.
 2. The bottom of screen elevation is 3251.55 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

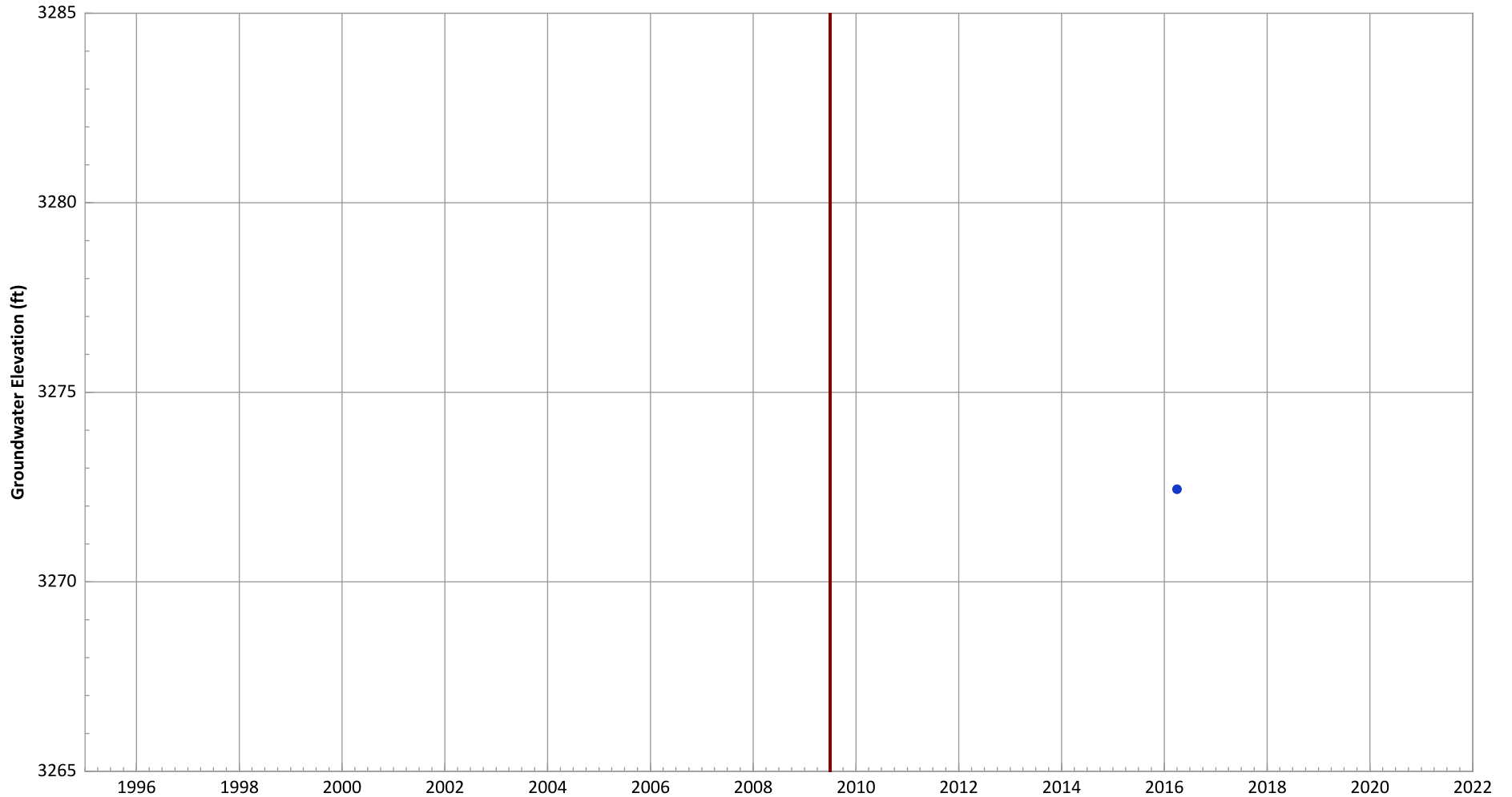
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 1.11 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.12 ft/yr

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



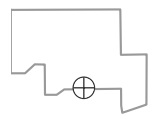
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

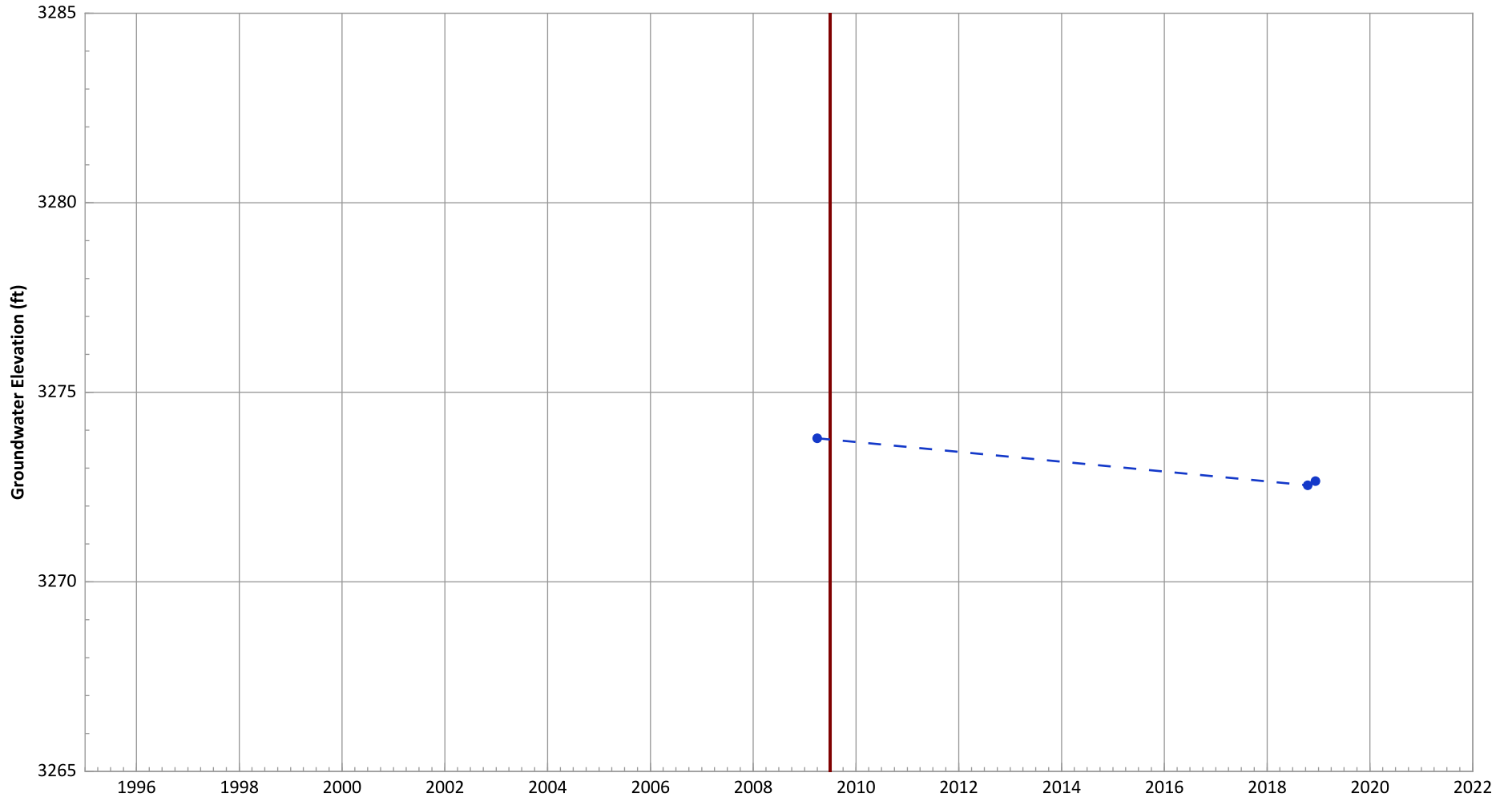
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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

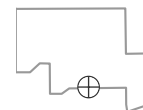


Notes:

1. Top of screen elevation is 3272.95 ft msl.
 2. The bottom of screen elevation is 3253.95 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

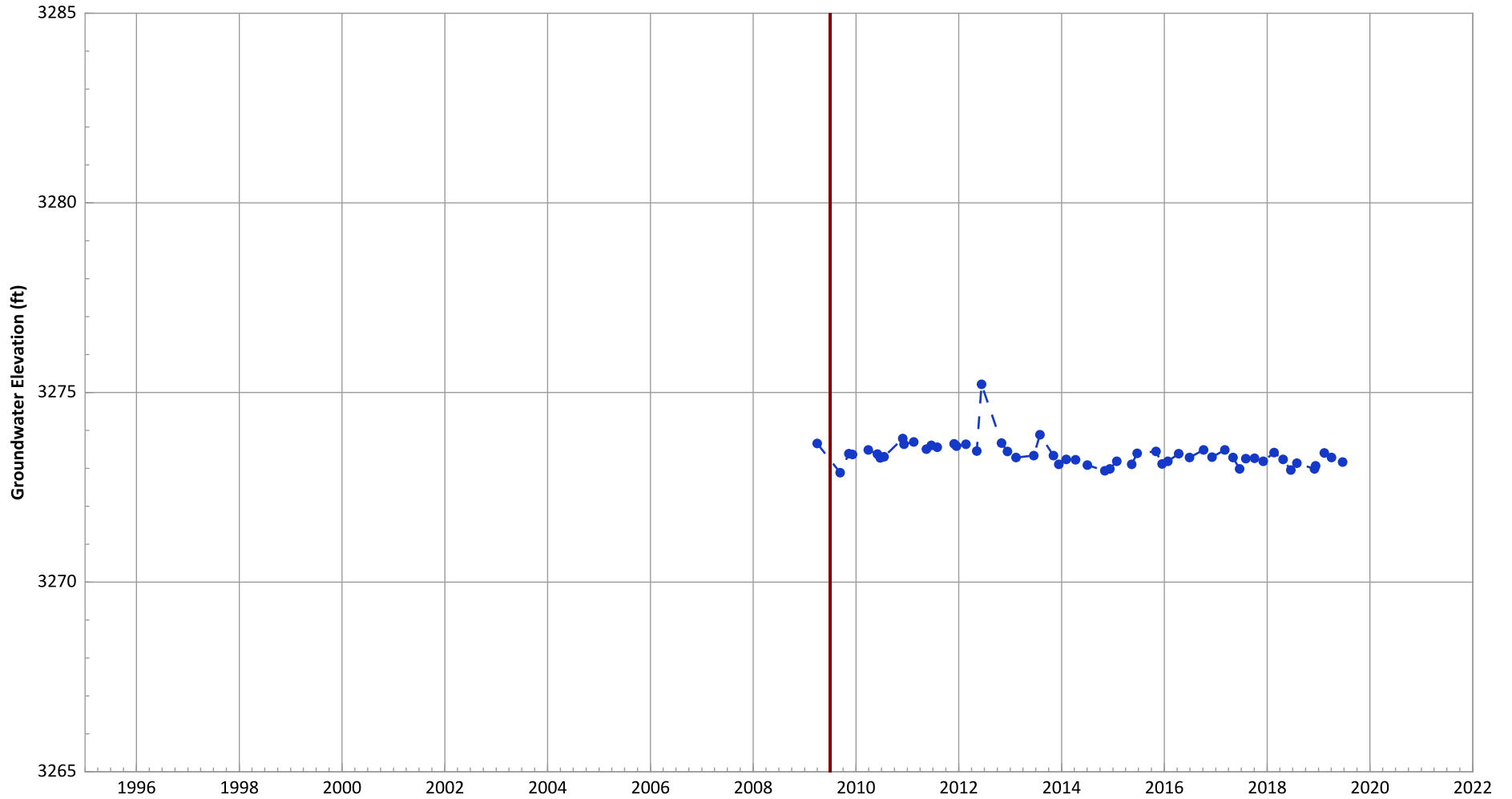
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (<3 Measurements)

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



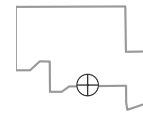
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

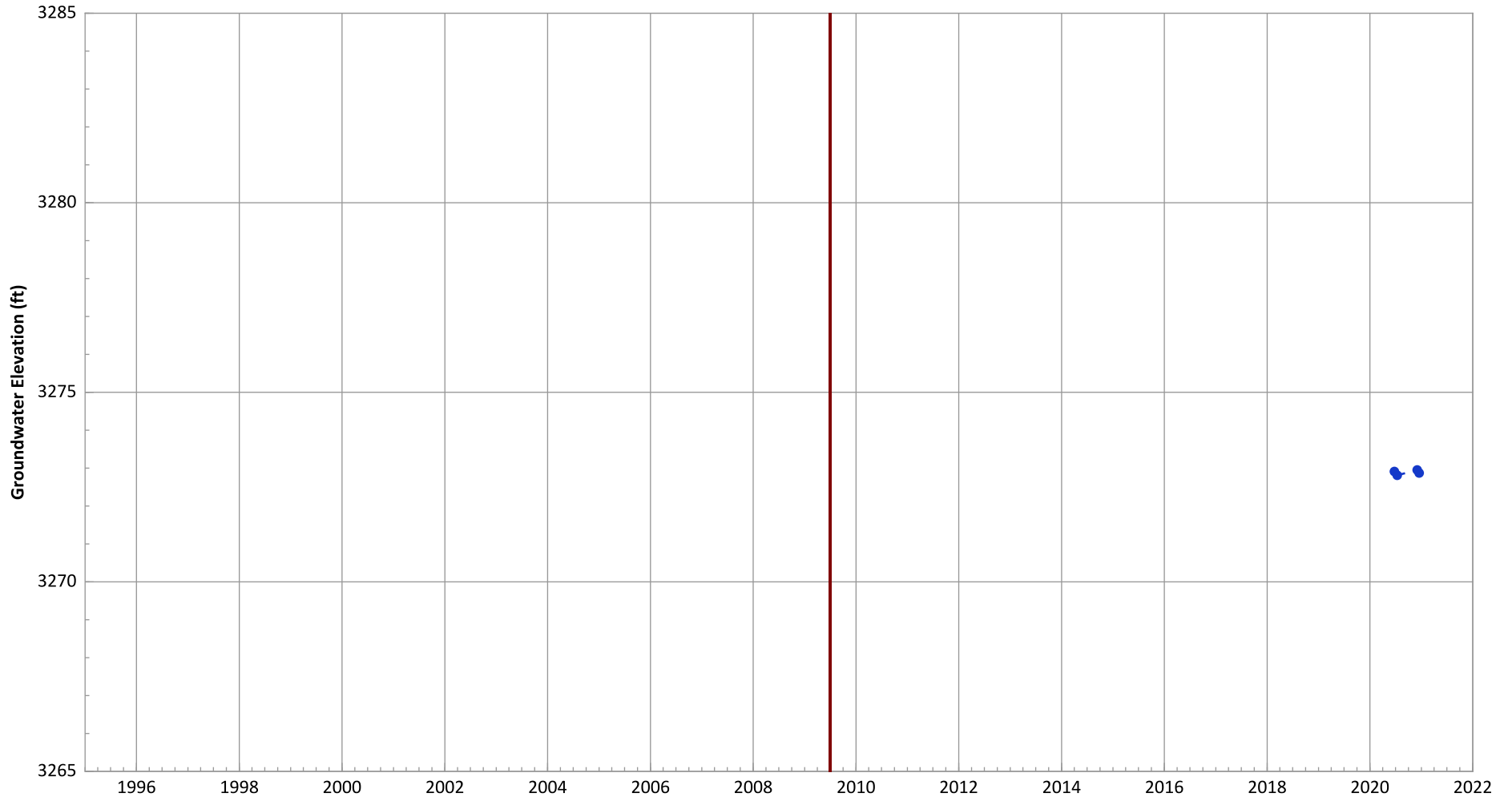
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 0.66 ft/yr
Data (7/2009 - 1/2021): No Trend

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



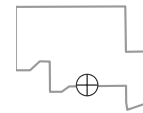
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

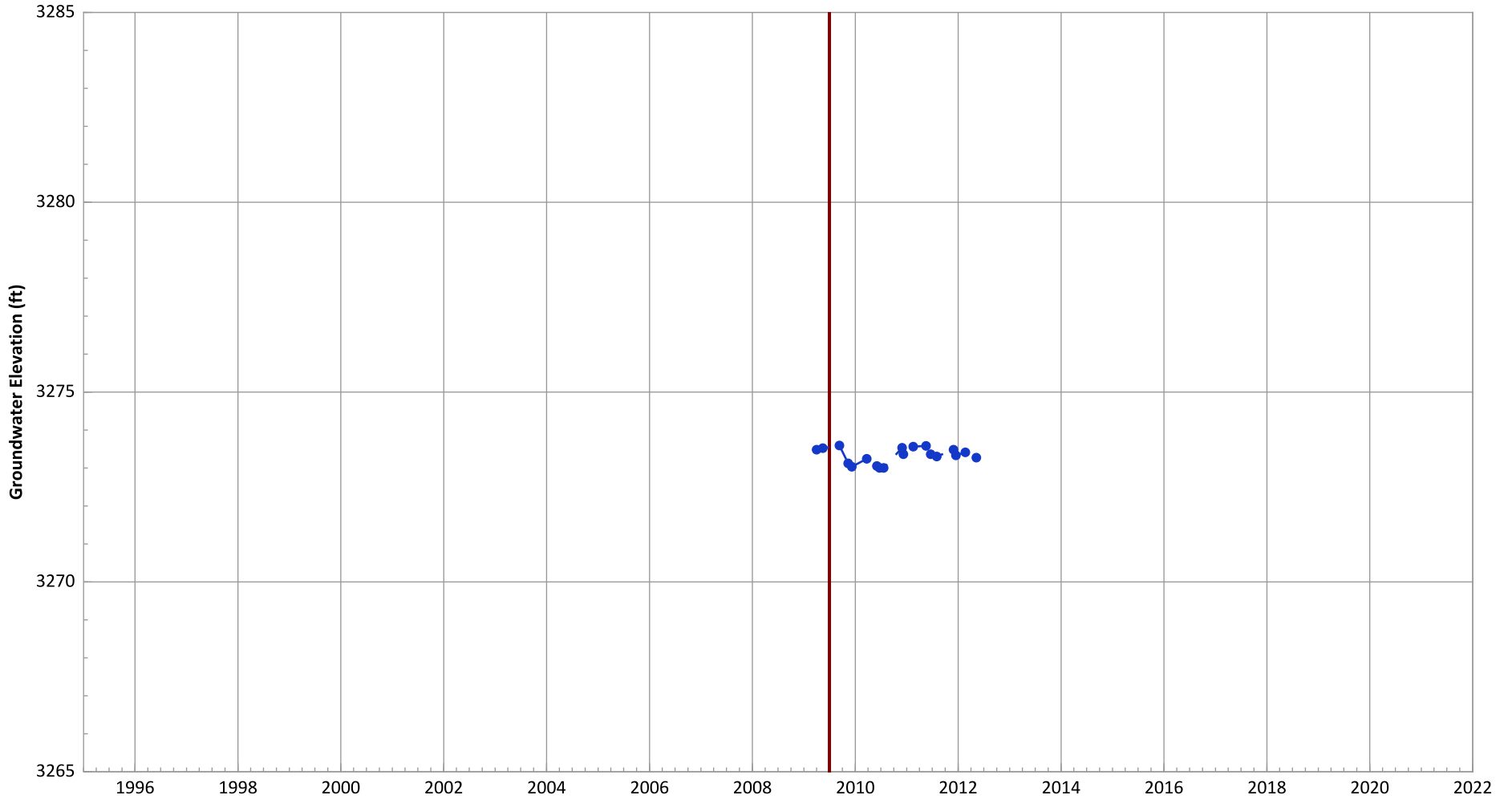
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

PTX06-ISB065 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



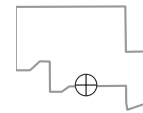
Notes:

1. Top of screen elevation is 3274.94 ft msl.
2. The bottom of screen elevation is 3254.94 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

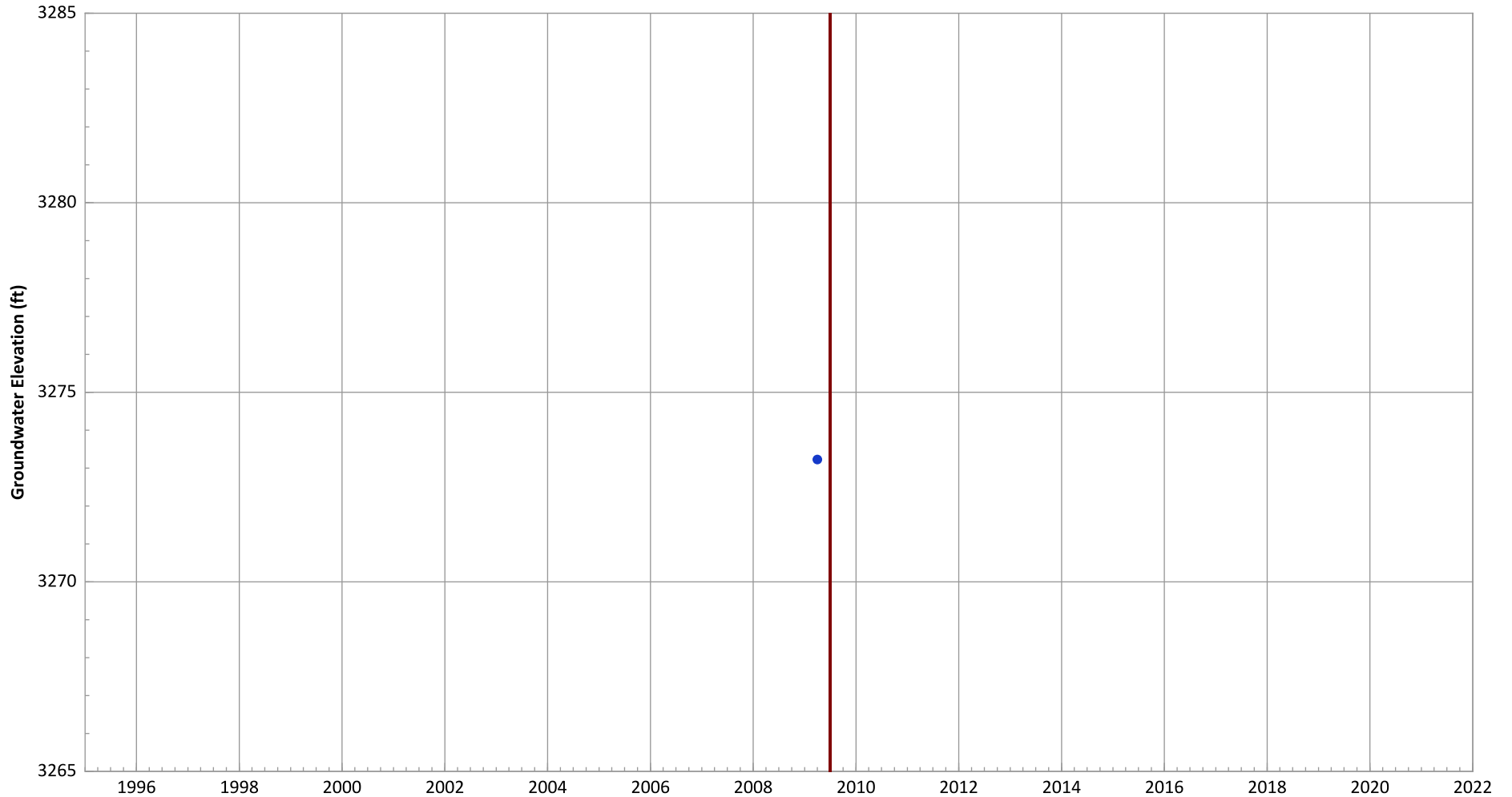
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): No Trend

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



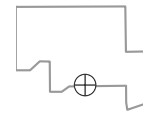
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

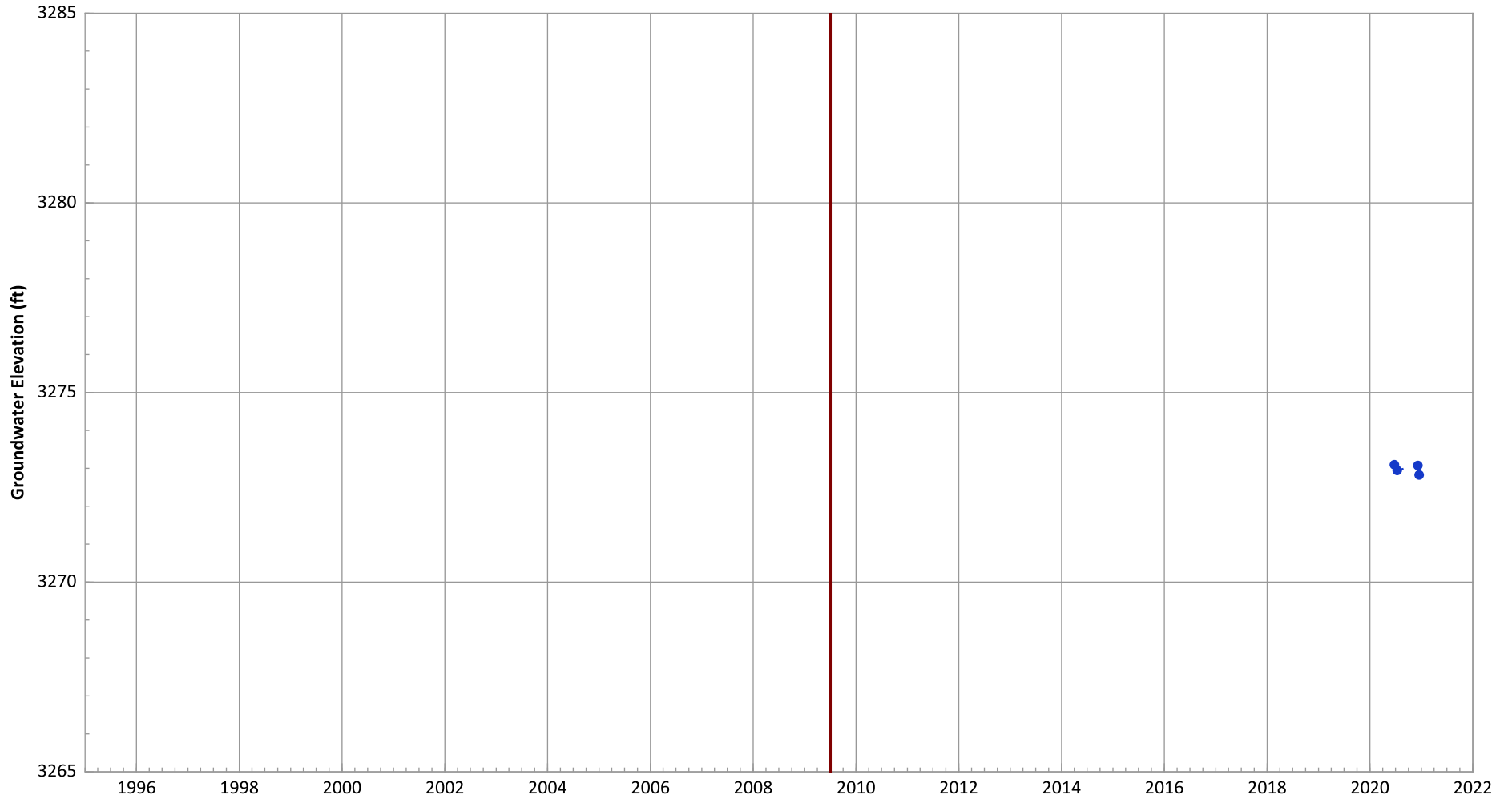
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



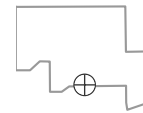
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

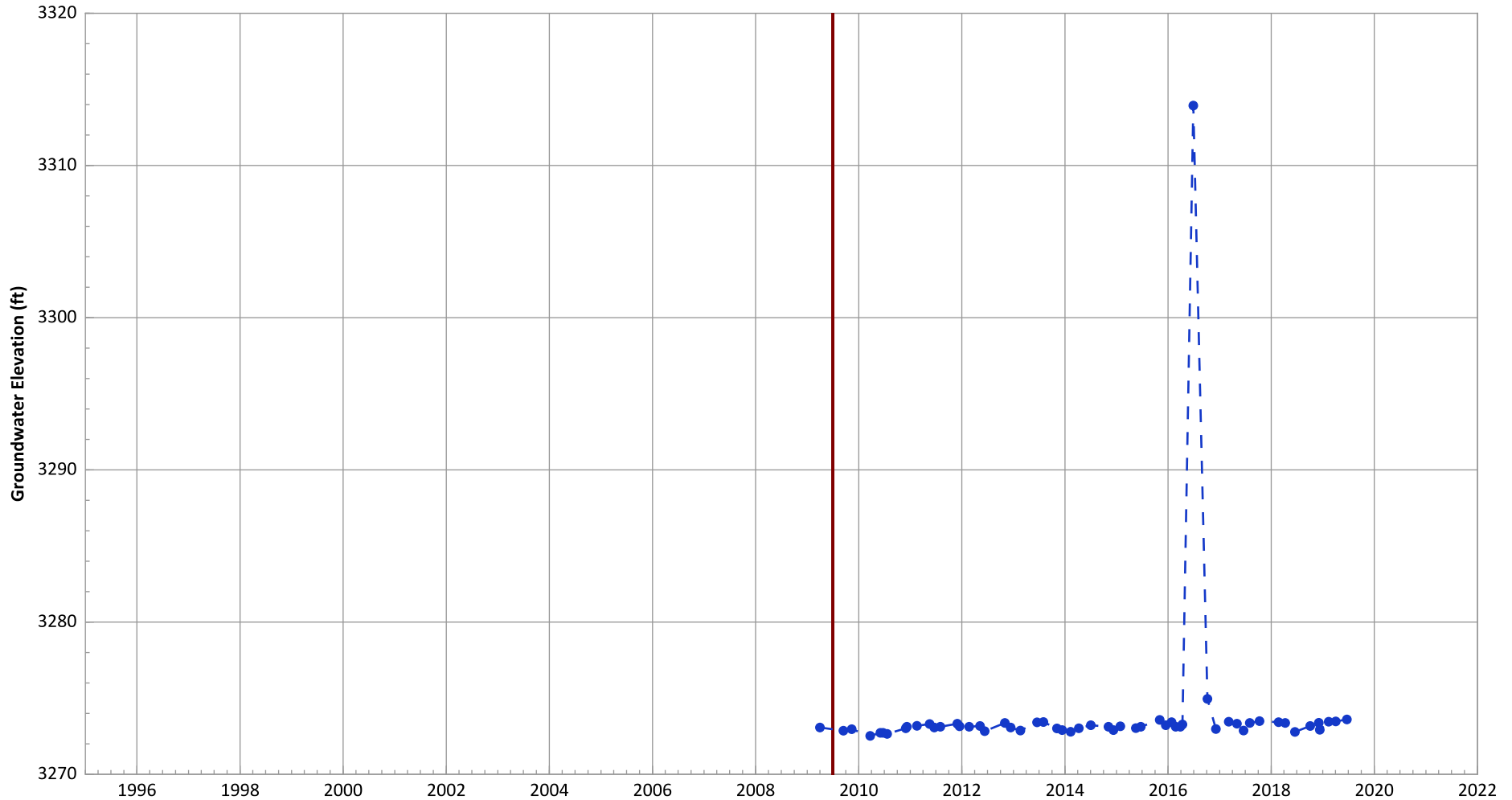
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 0.19 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.19 ft/yr

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



Notes:

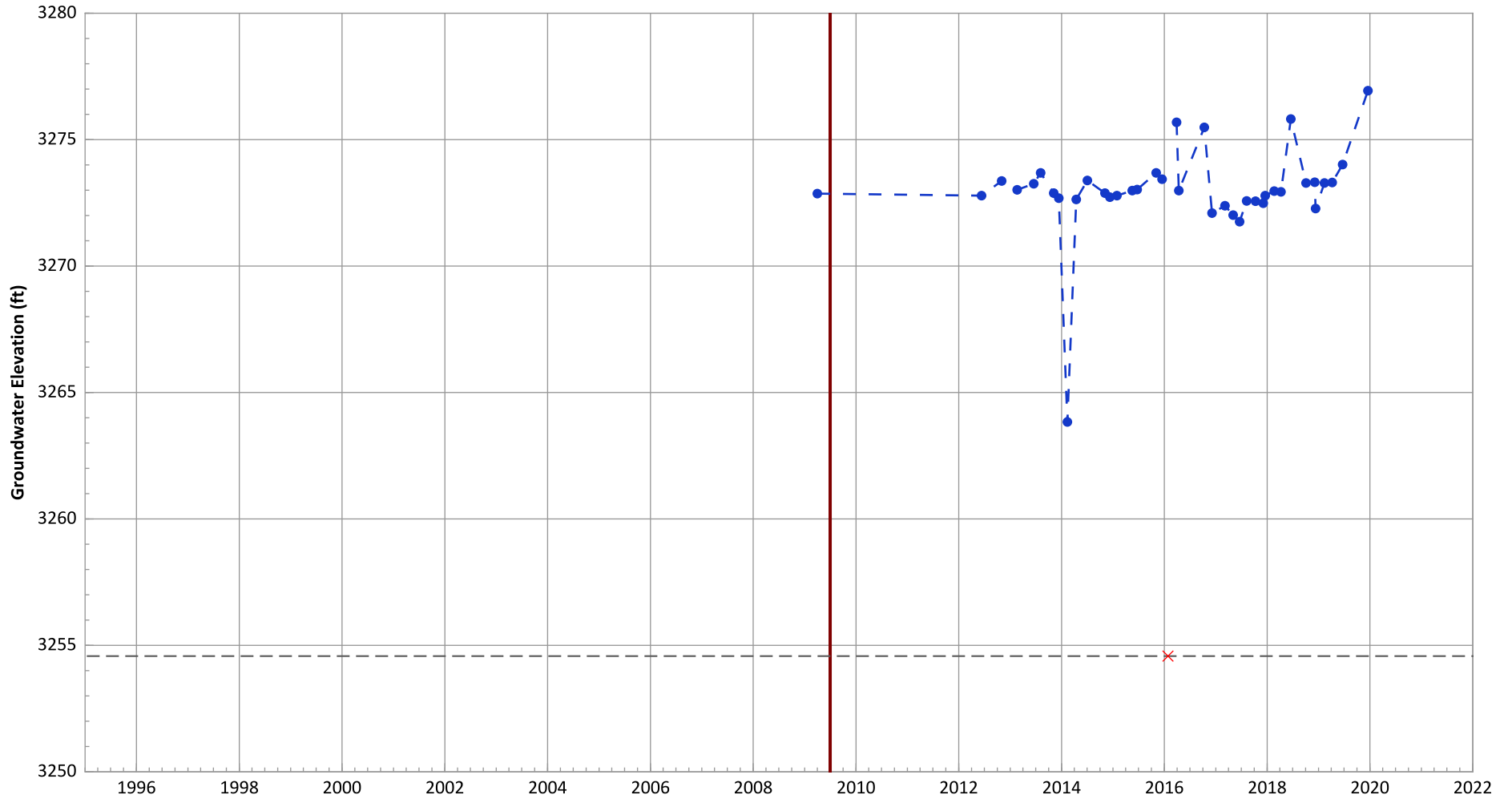
1. Top of screen elevation is 3276.05 ft msl.
 2. The bottom of screen elevation is 3256.05 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.44 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.22 ft/yr

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



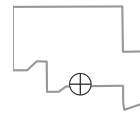
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

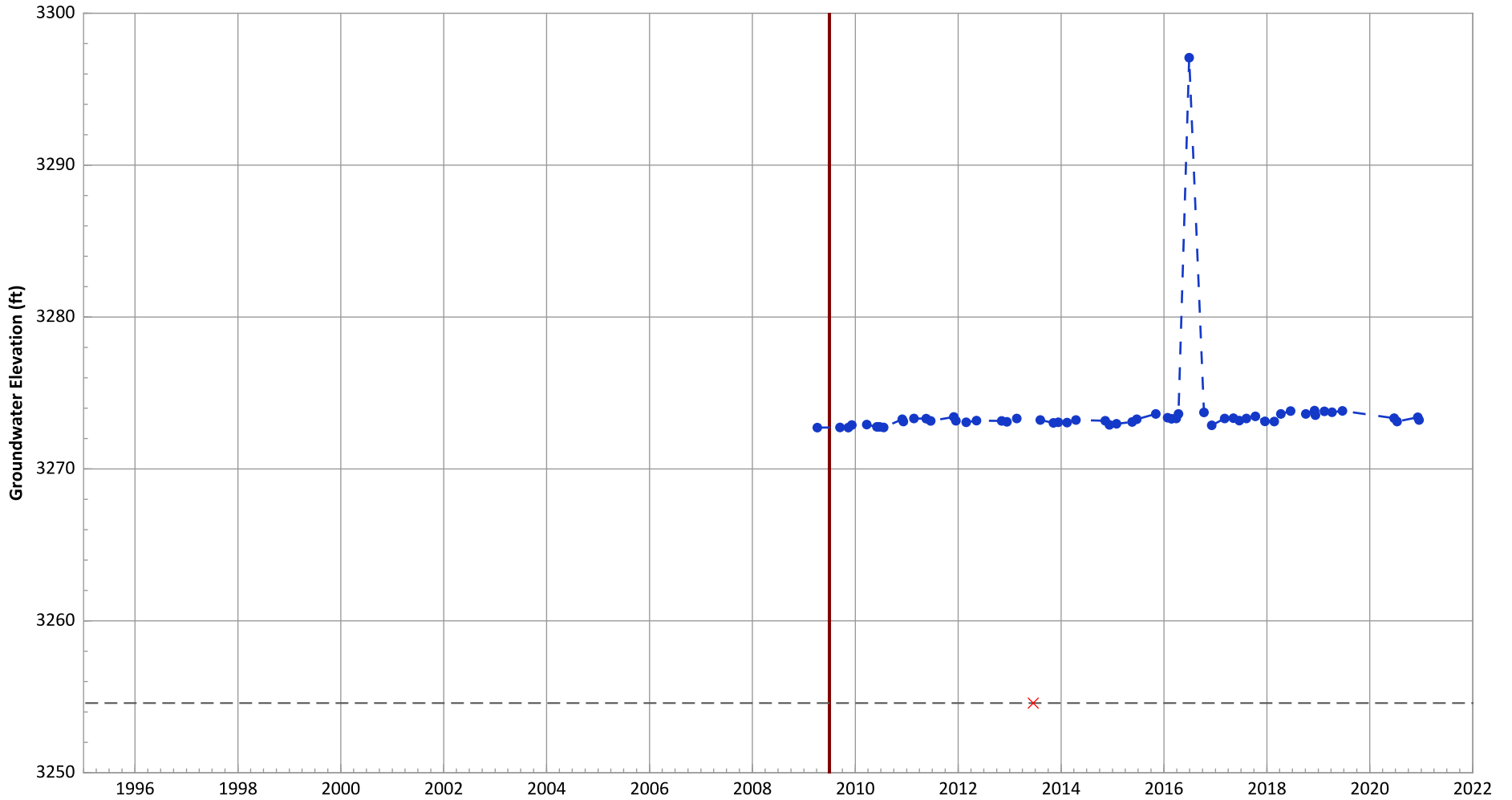
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 4.57 ft/yr
Data (7/2009 - 1/2021): Increasing at 0.23 ft/yr

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



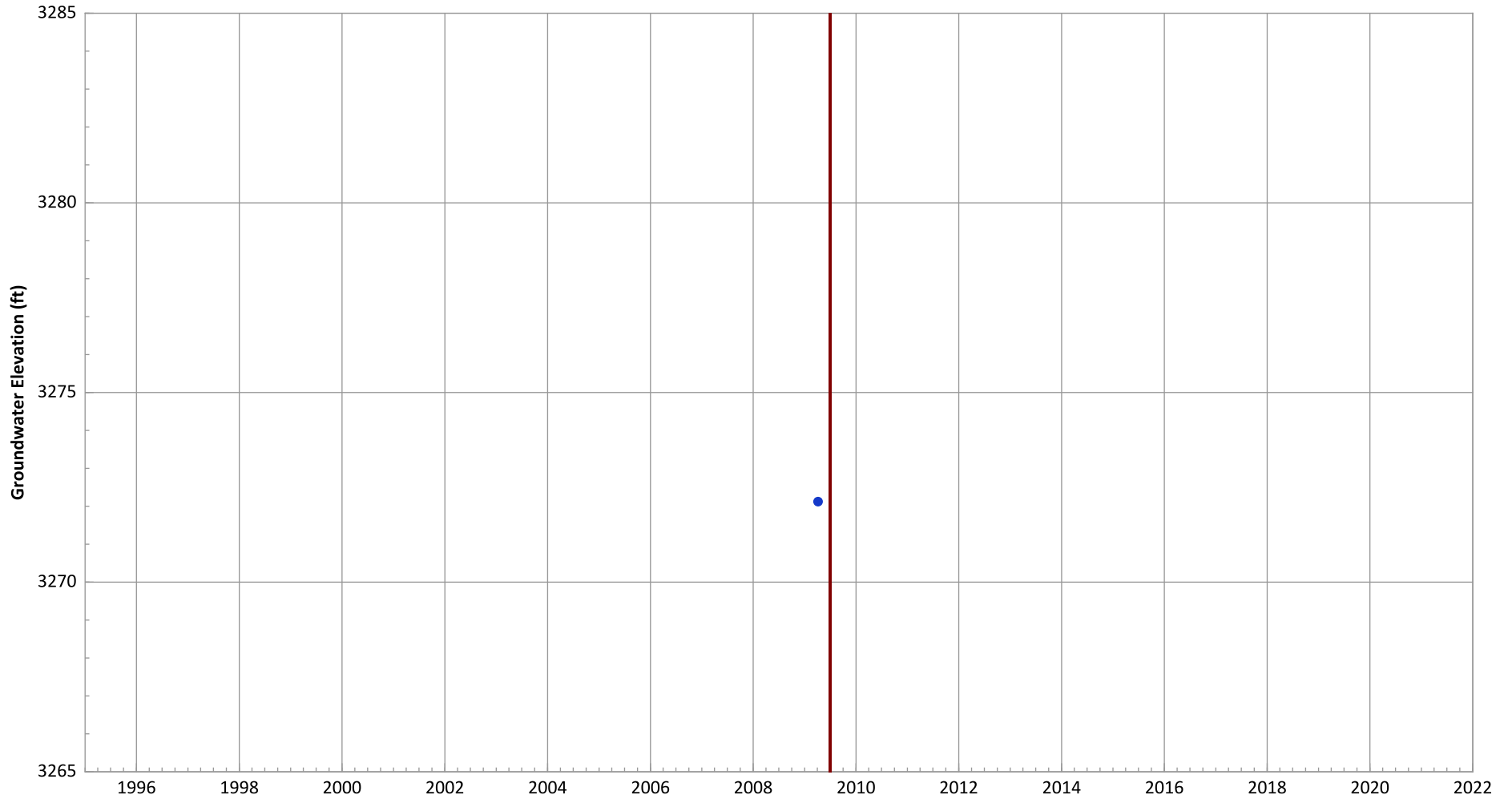
Notes:
 1. Top of screen elevation is 3274.59 ft msl.
 2. The bottom of screen elevation is 3254.59 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.32 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.11 ft/yr

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



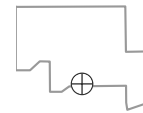
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

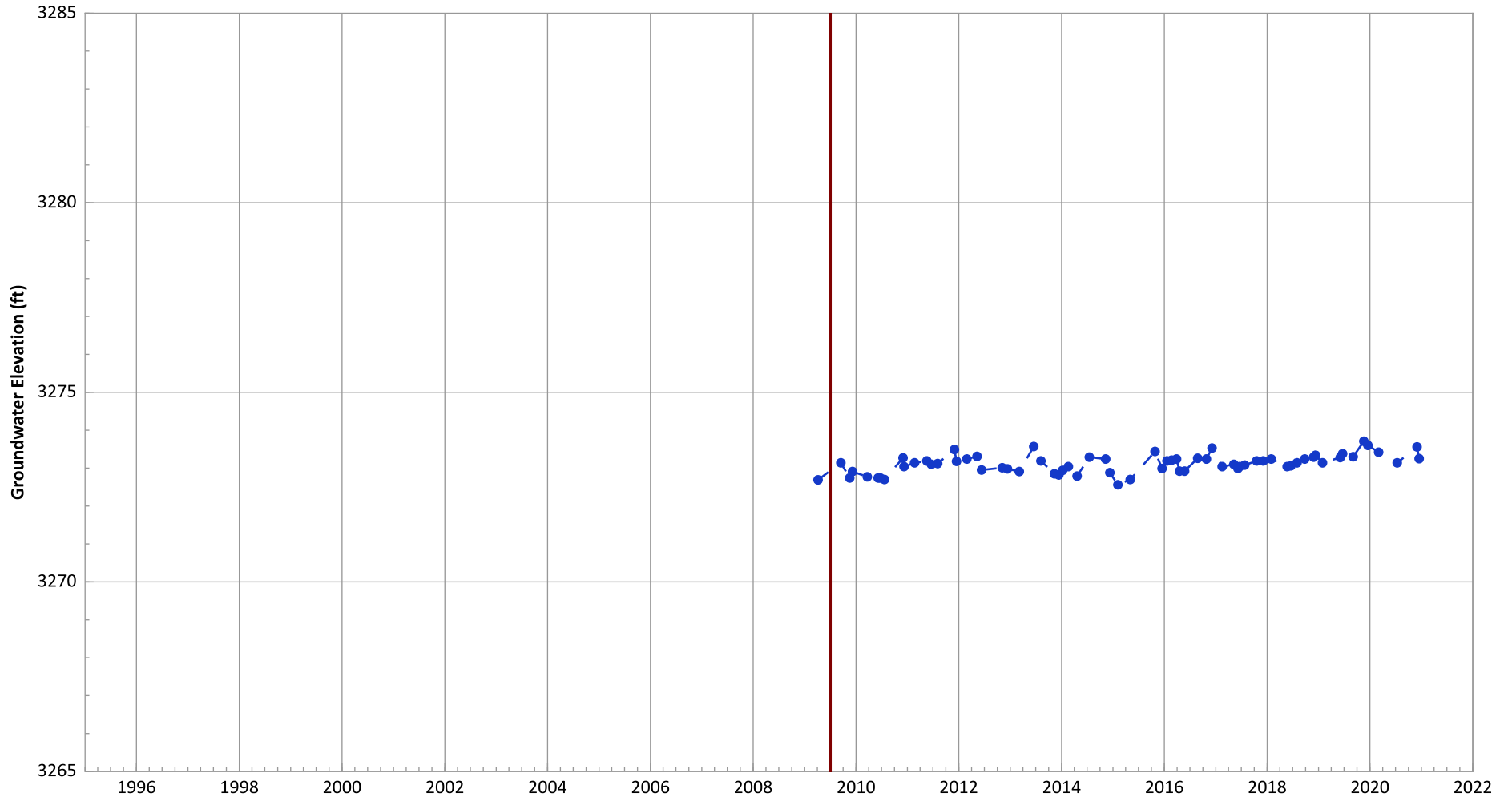
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



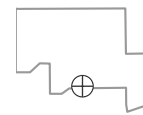
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

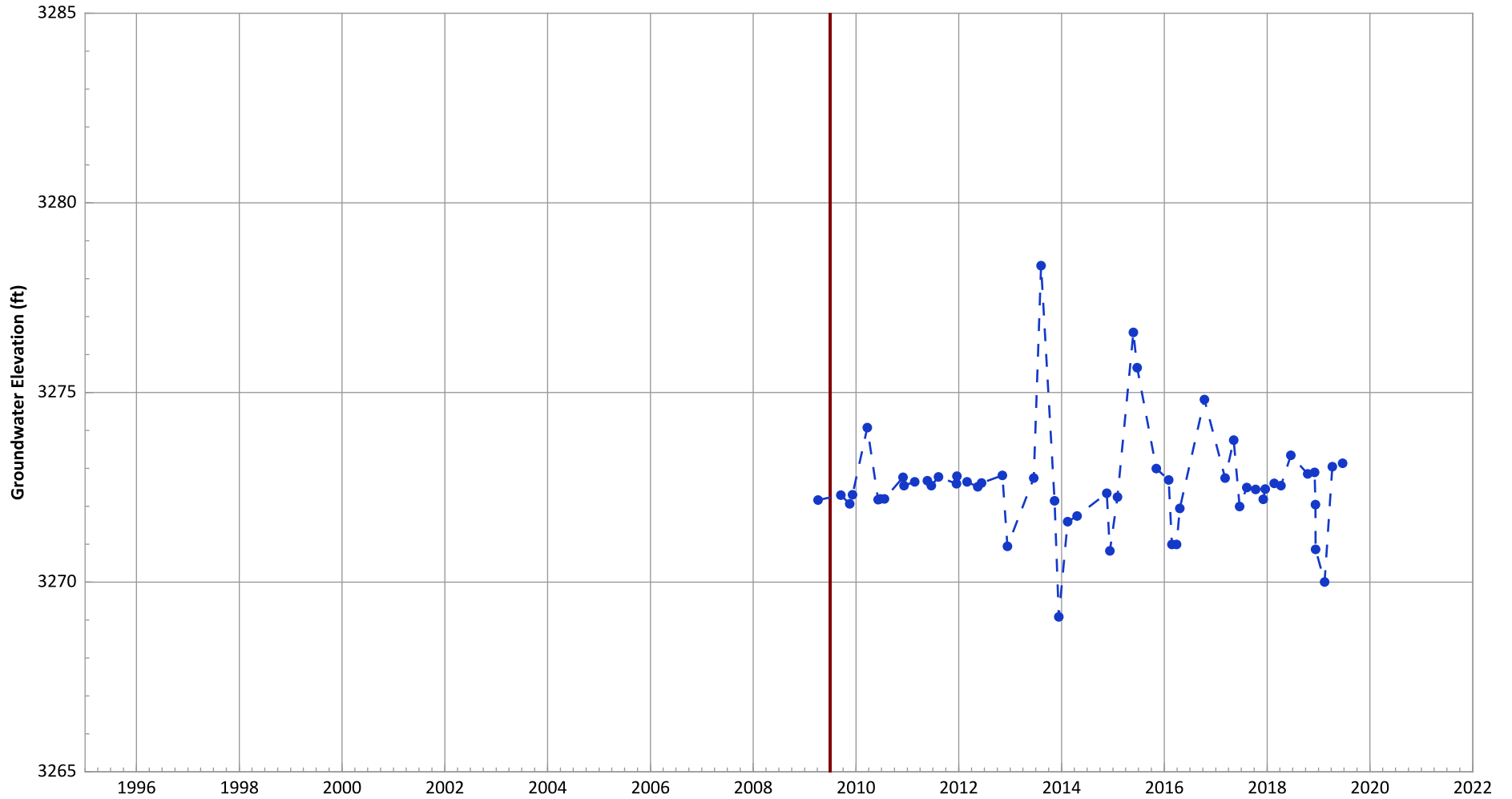
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

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



Notes:

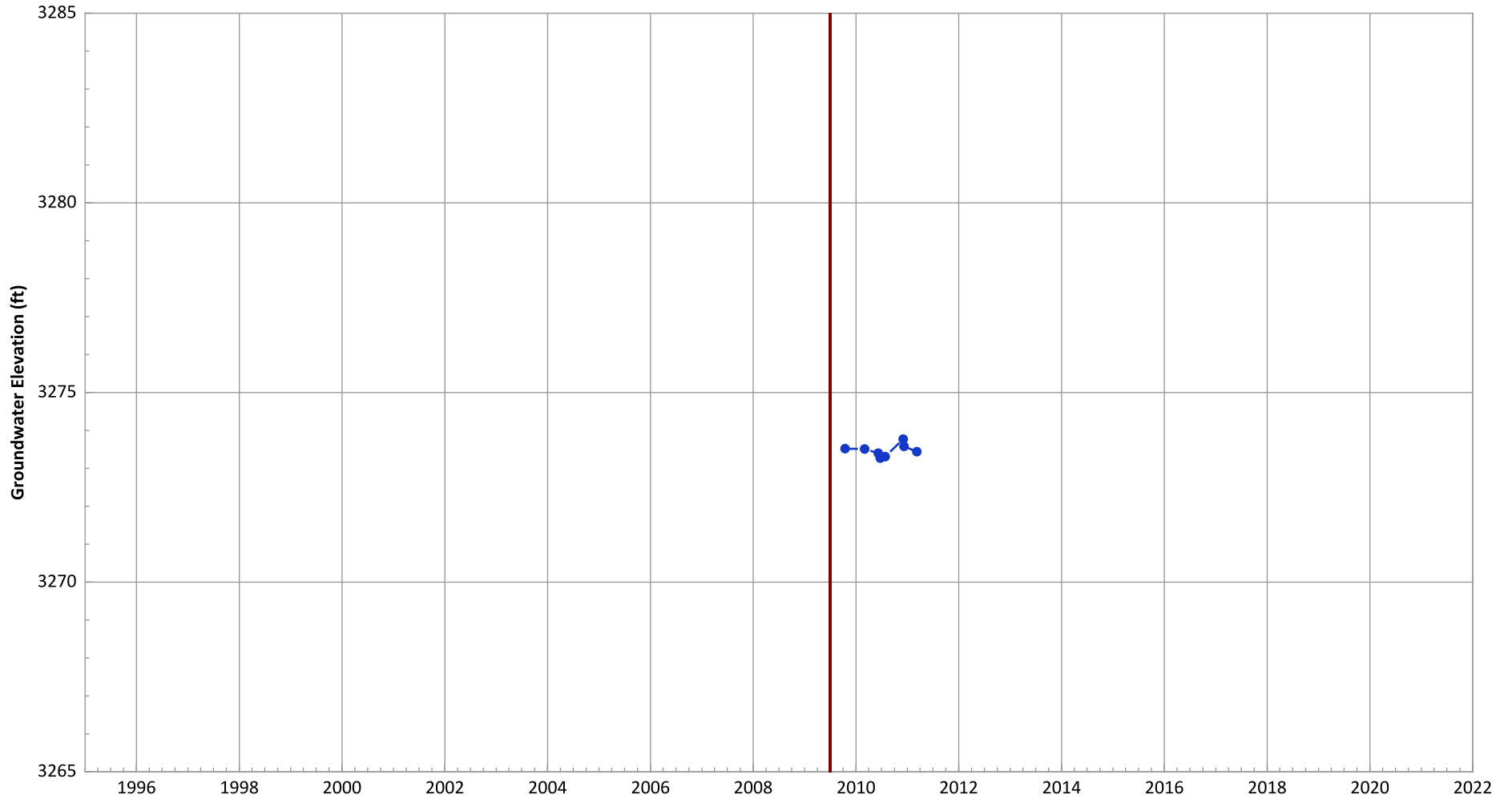
1. Top of screen elevation is 3275.82 ft msl.
 2. The bottom of screen elevation is 3255.82 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action



Hydrograph Trend
(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 8.48 ft/yr
Data (7/2009 - 1/2021): No Trend

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



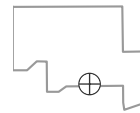
Notes:

1. Top of screen elevation is 3275.41 ft msl.
2. The bottom of screen elevation is 3250.41 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

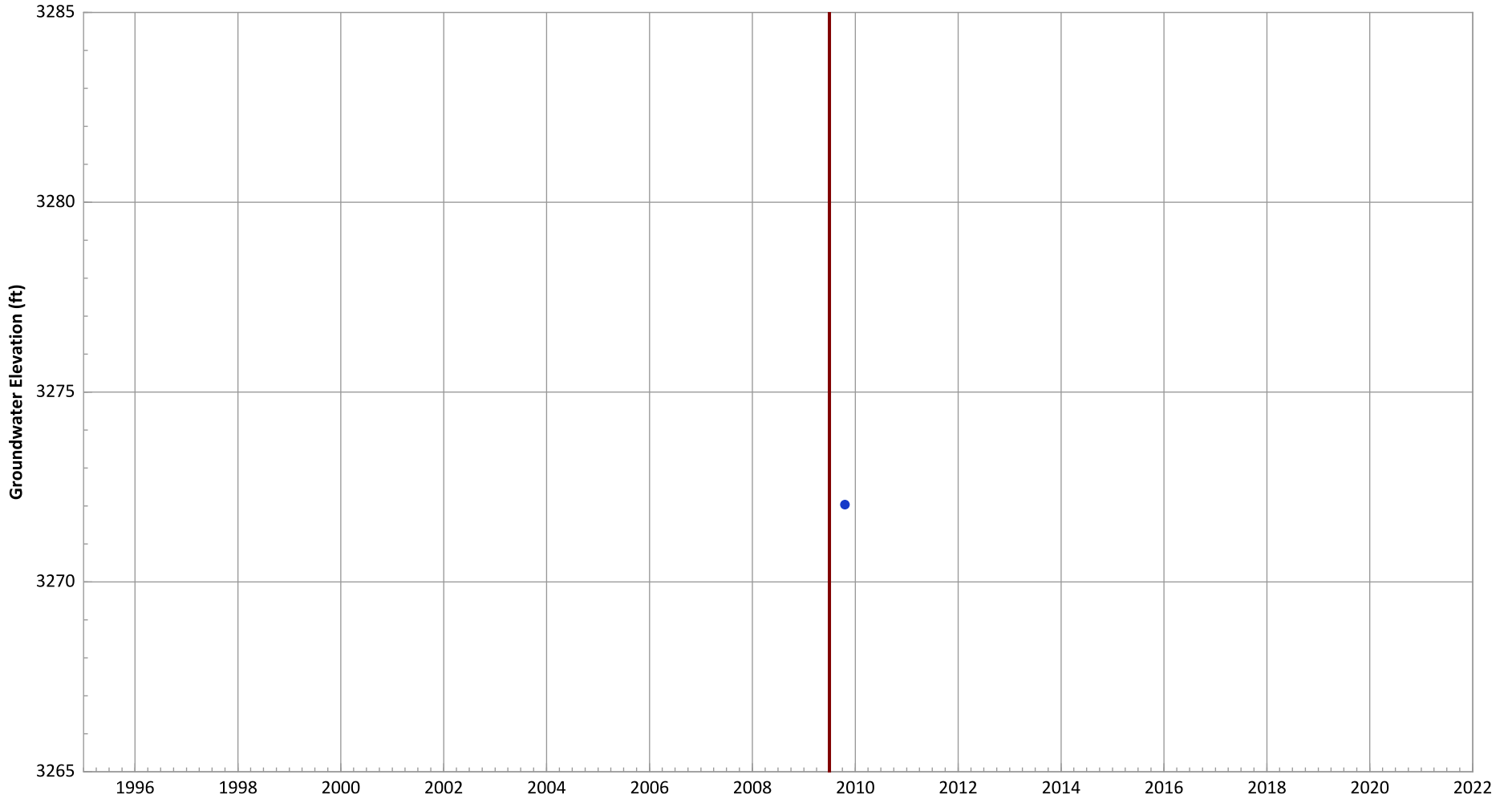
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): No Trend

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



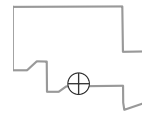
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

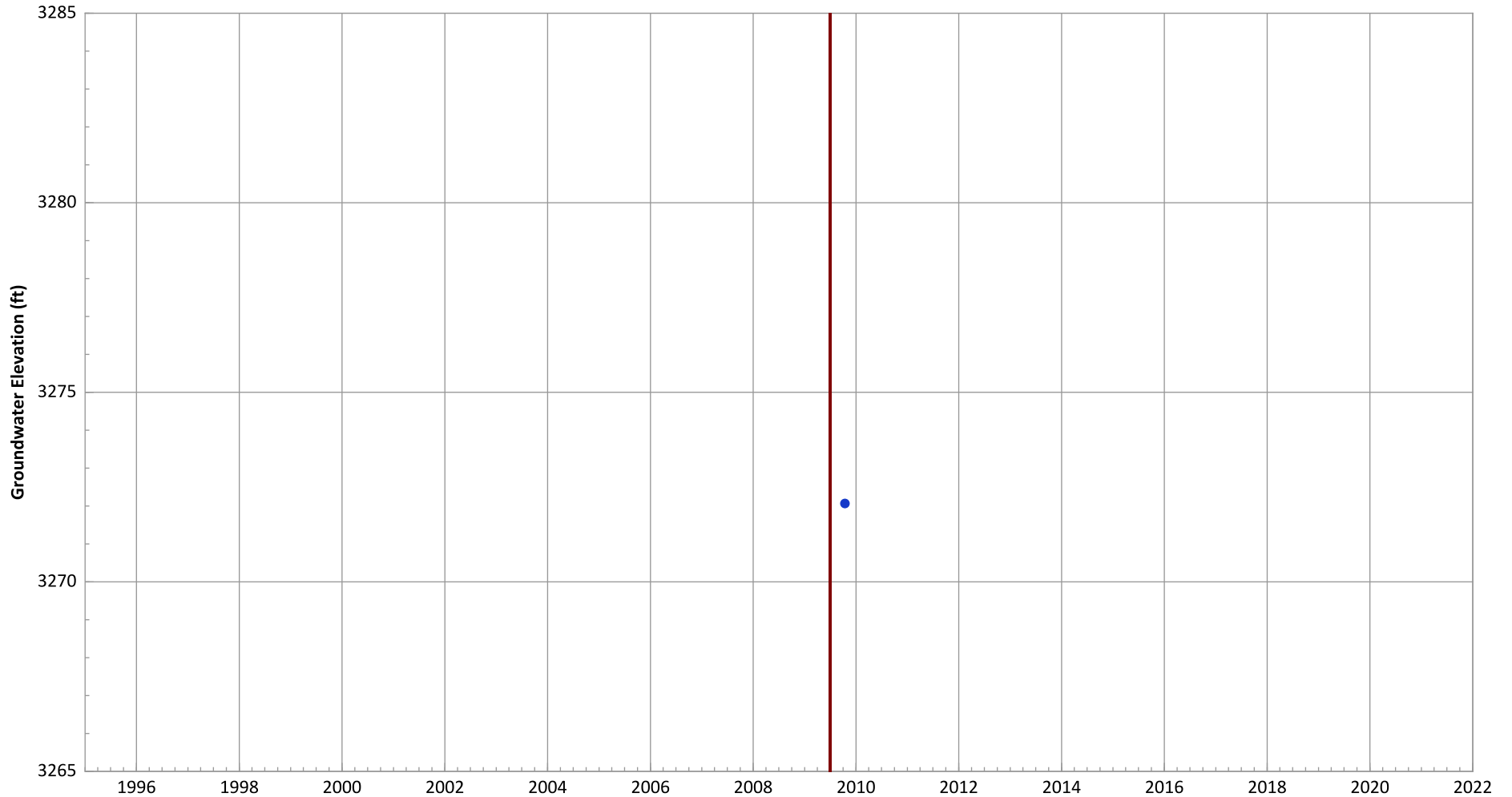
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



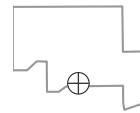
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

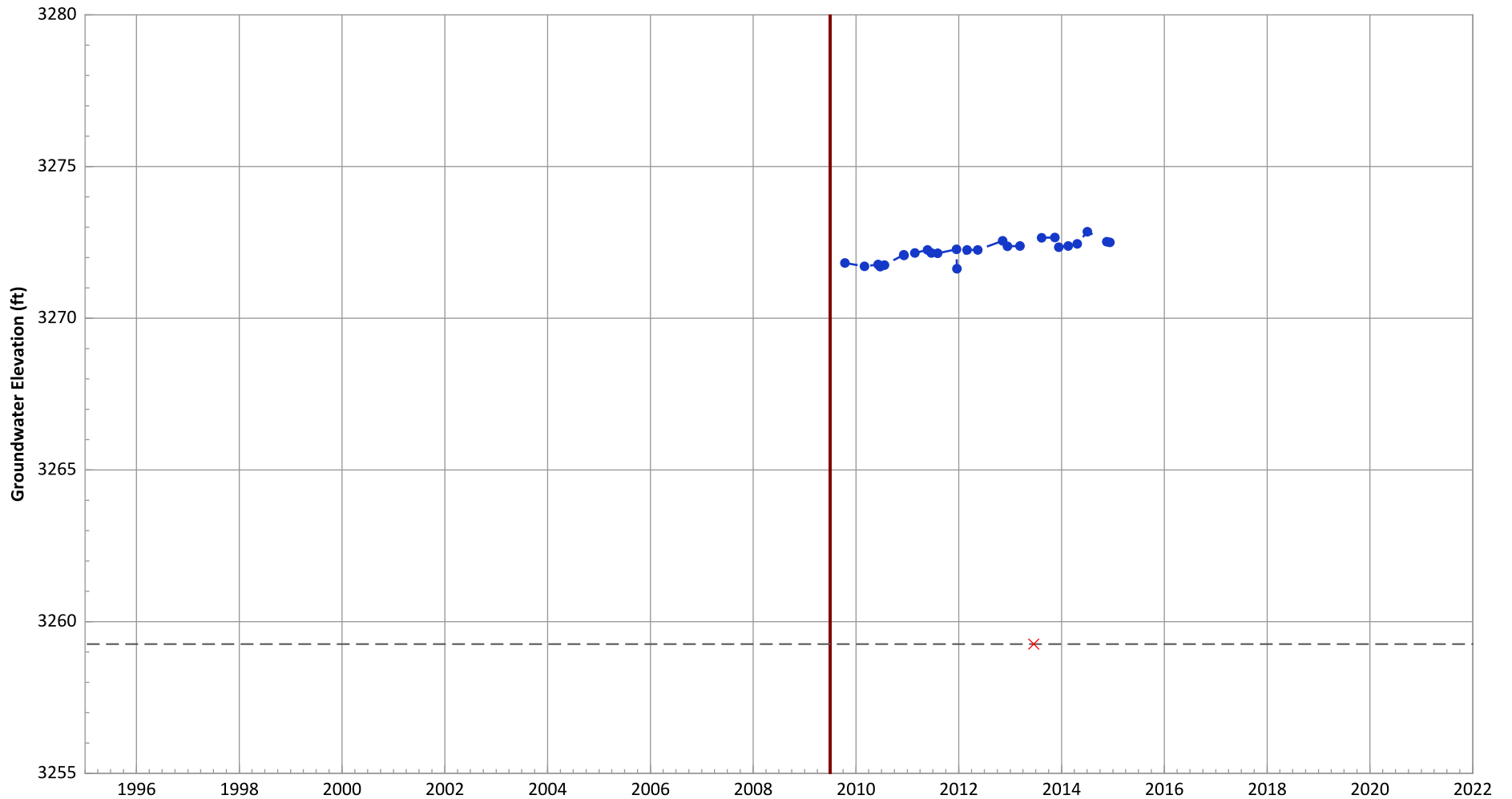
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



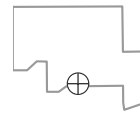
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

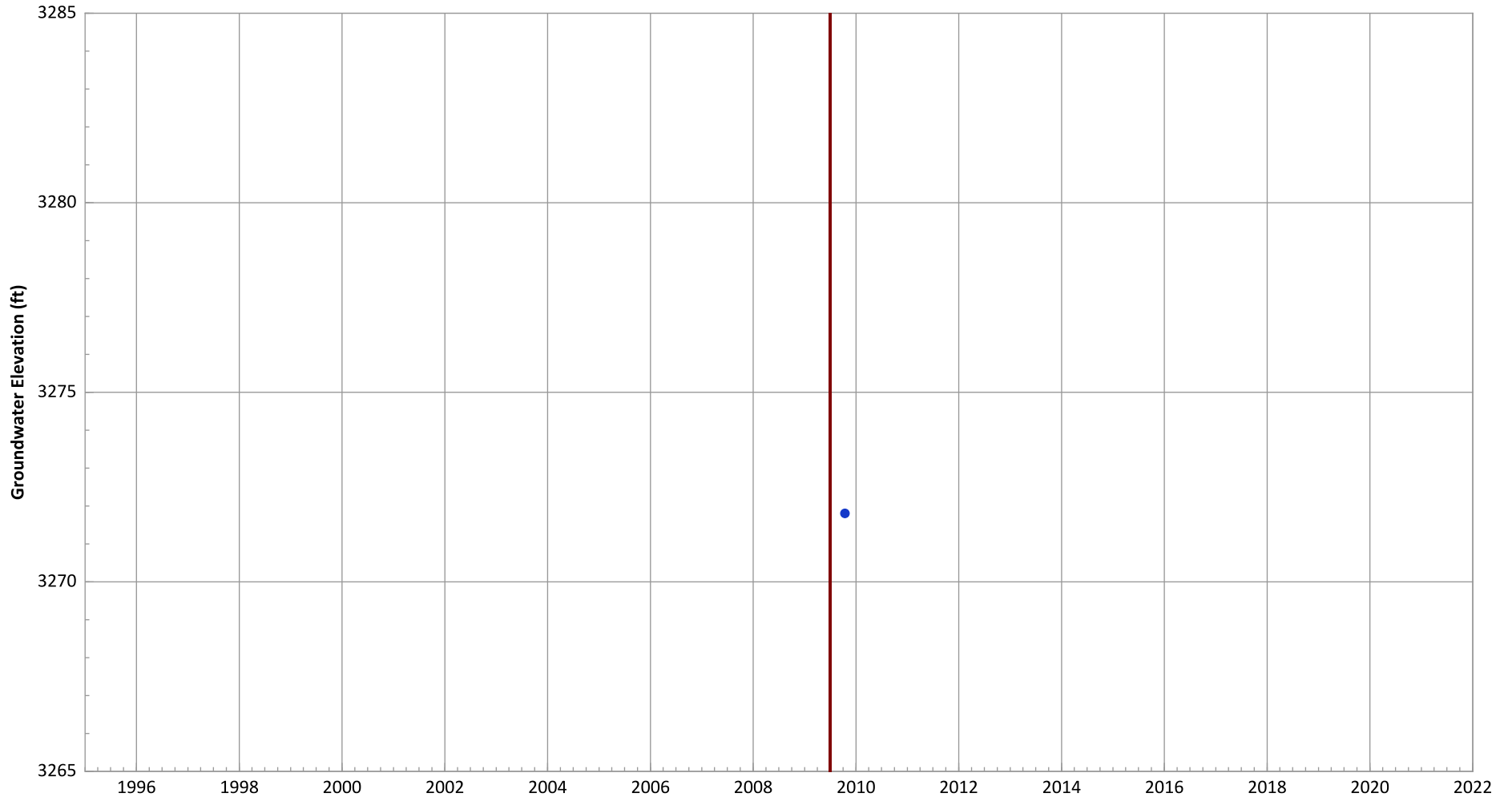
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Increasing at 0.18 ft/yr

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



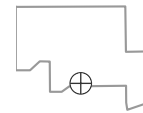
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

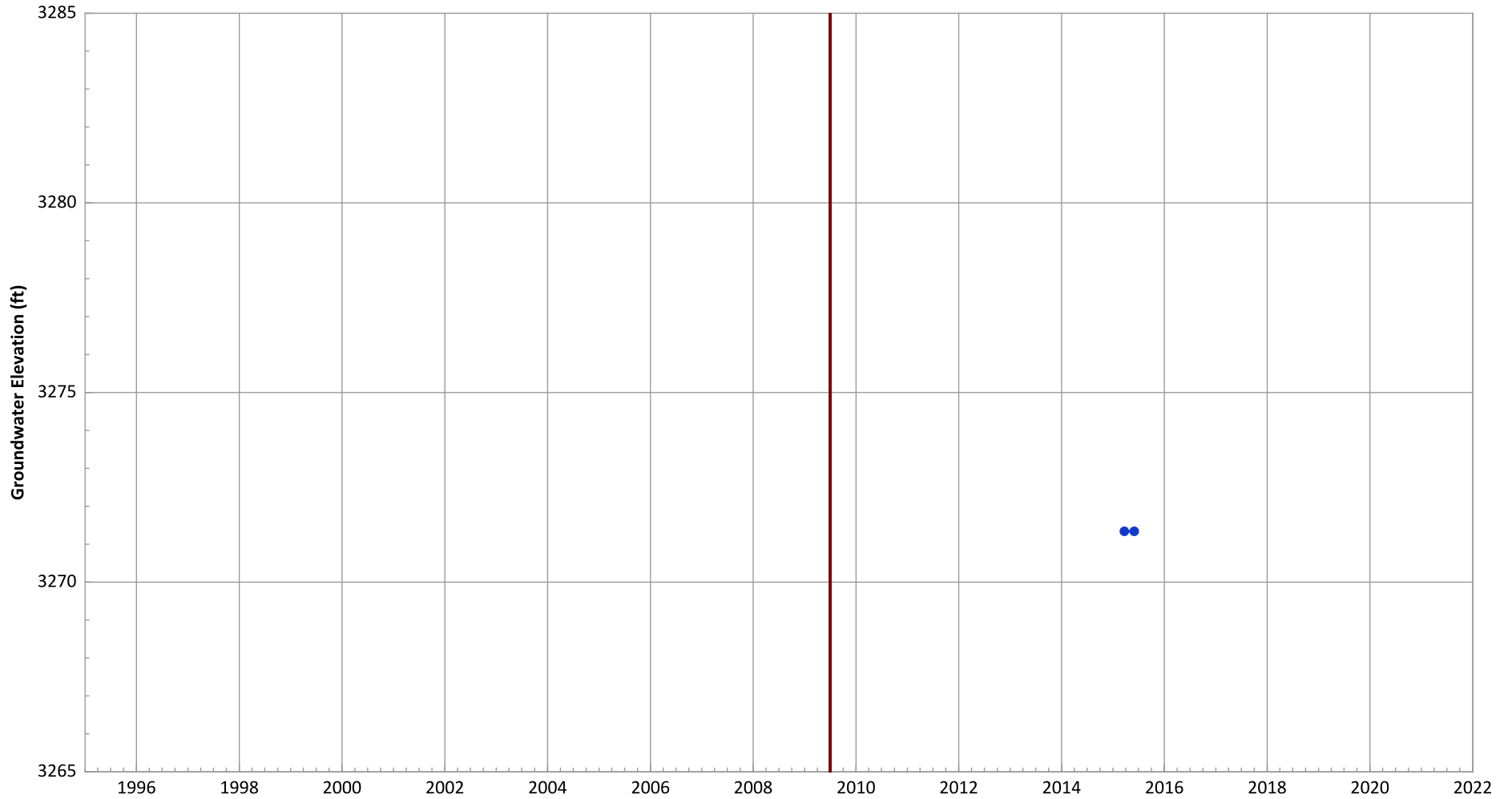
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



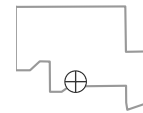
Notes:

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

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

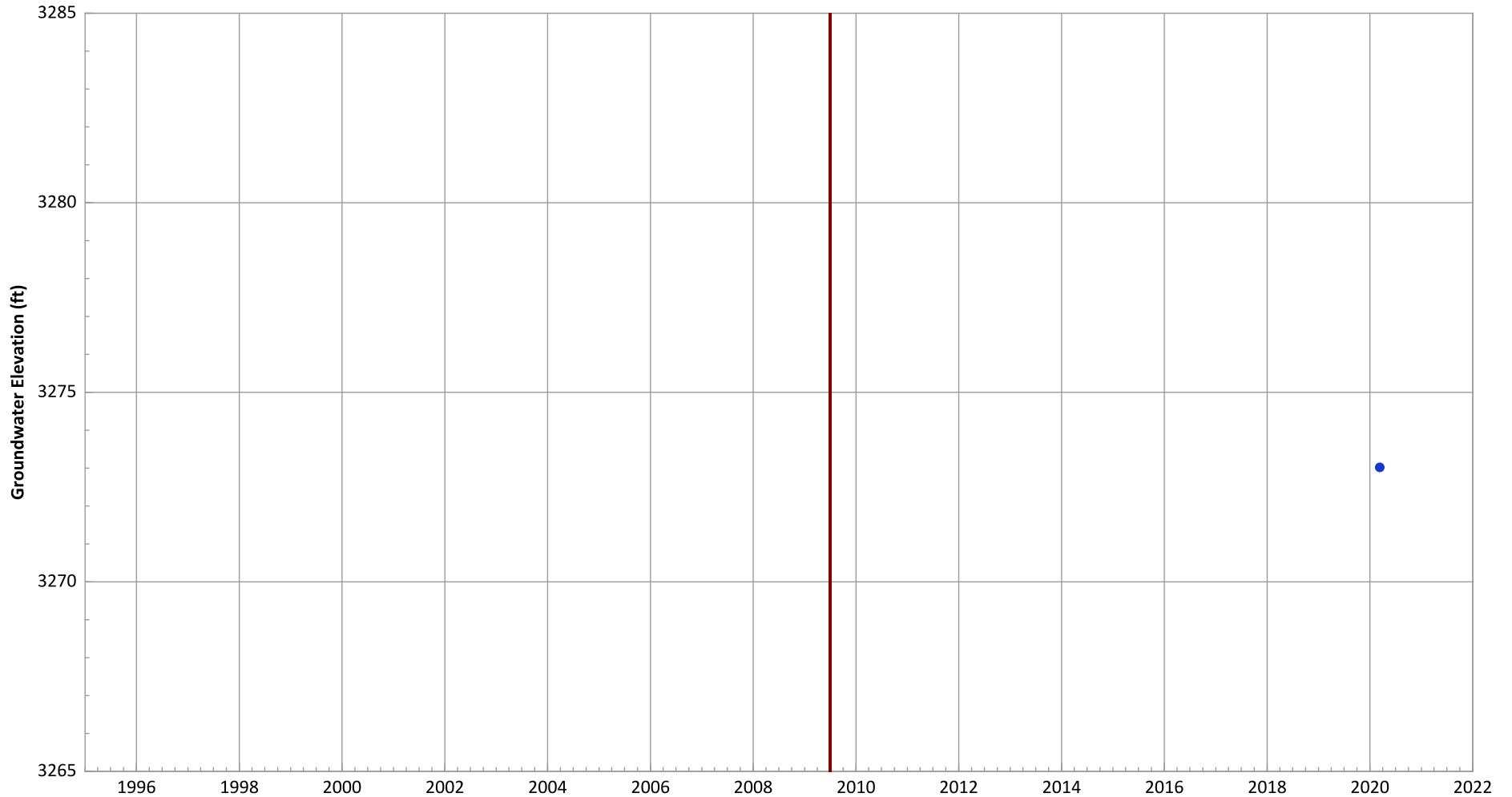
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (<3 Measurements)

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

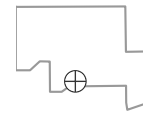


Notes:

1. Top of screen elevation is 3277.93 ft msl.
 2. The bottom of screen elevation is 3257.93 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

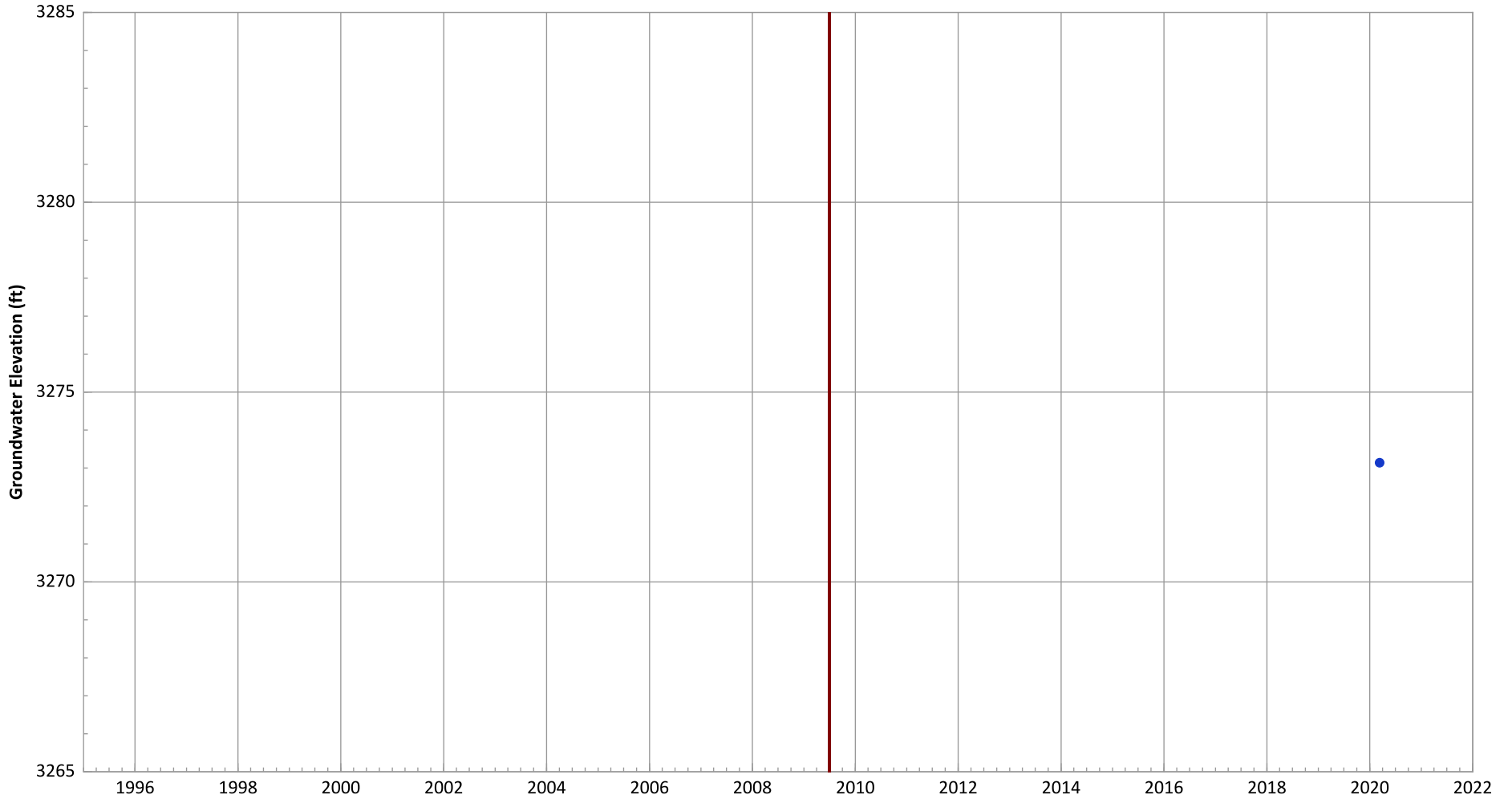
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



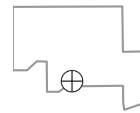
Notes:

1. Top of screen elevation is 3275.38 ft msl.
2. The bottom of screen elevation is 3255.38 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- Start of Remedial Action

Well Location



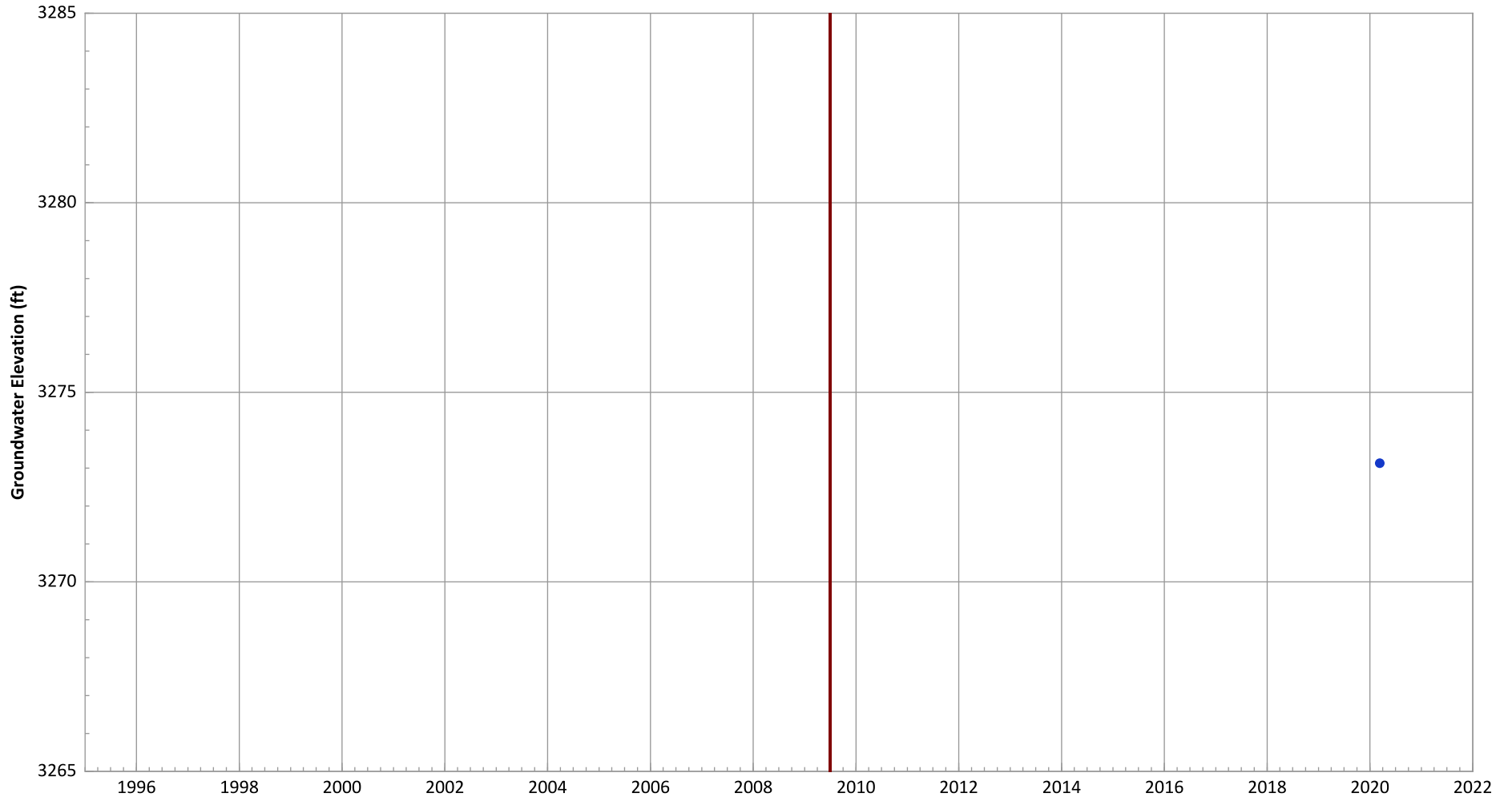
Hydrograph Trend

(MAROS Linear Regression Method)

2019 - 2021 Data: N/A (No Measurements)

Data (7/2009 - 1/2021): N/A (No Measurements)

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



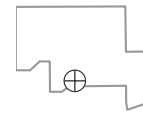
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

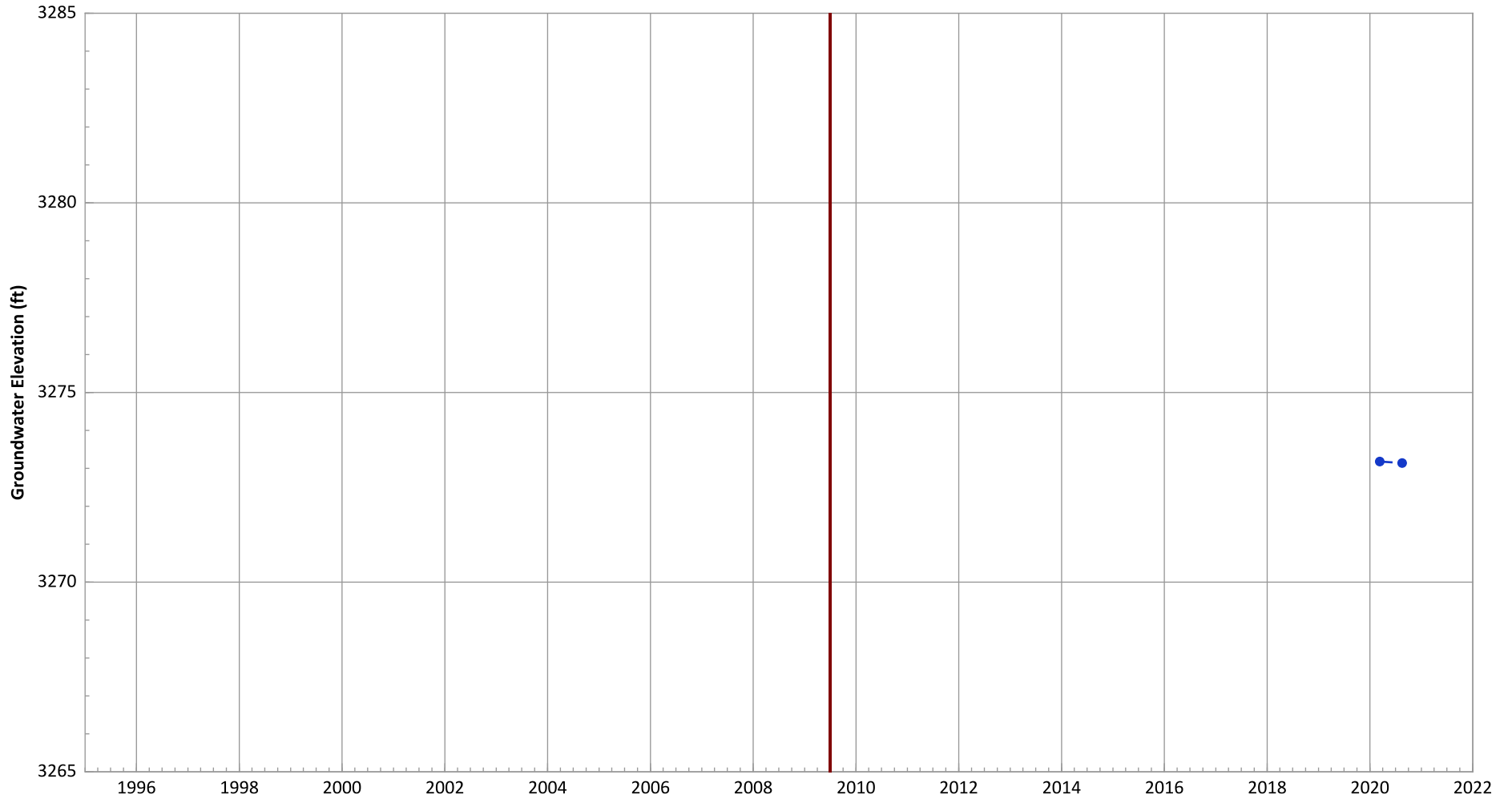
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

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



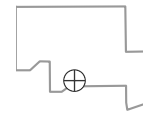
Notes:

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

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

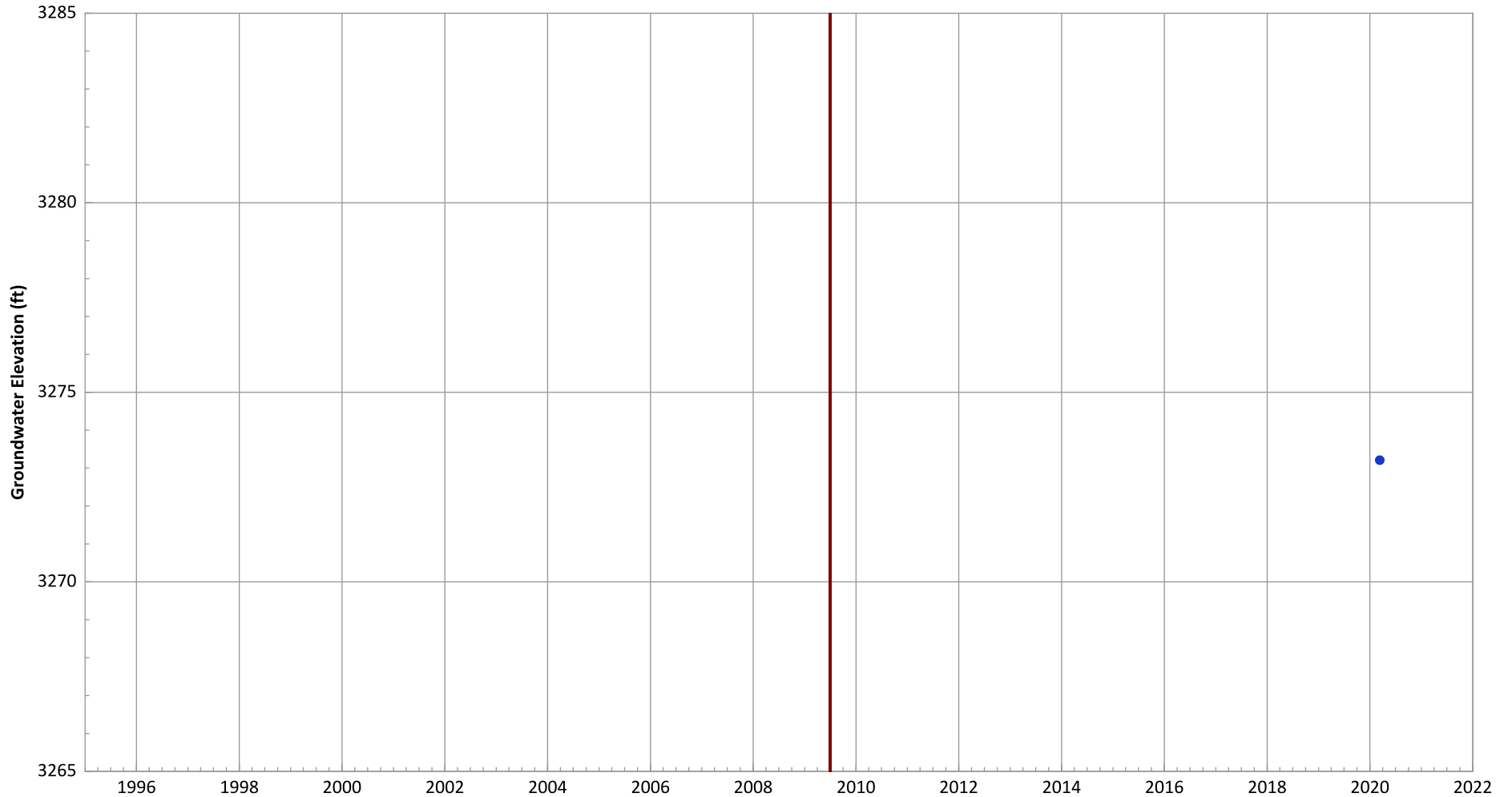
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2021): N/A (<3 Measurements)

PTX06-ISB136 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



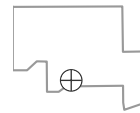
Notes:

- 1. Top of screen elevation is 3273.89 ft msl.
 - 2. The bottom of screen elevation is 3248.89 ft msl.
 - 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
- Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

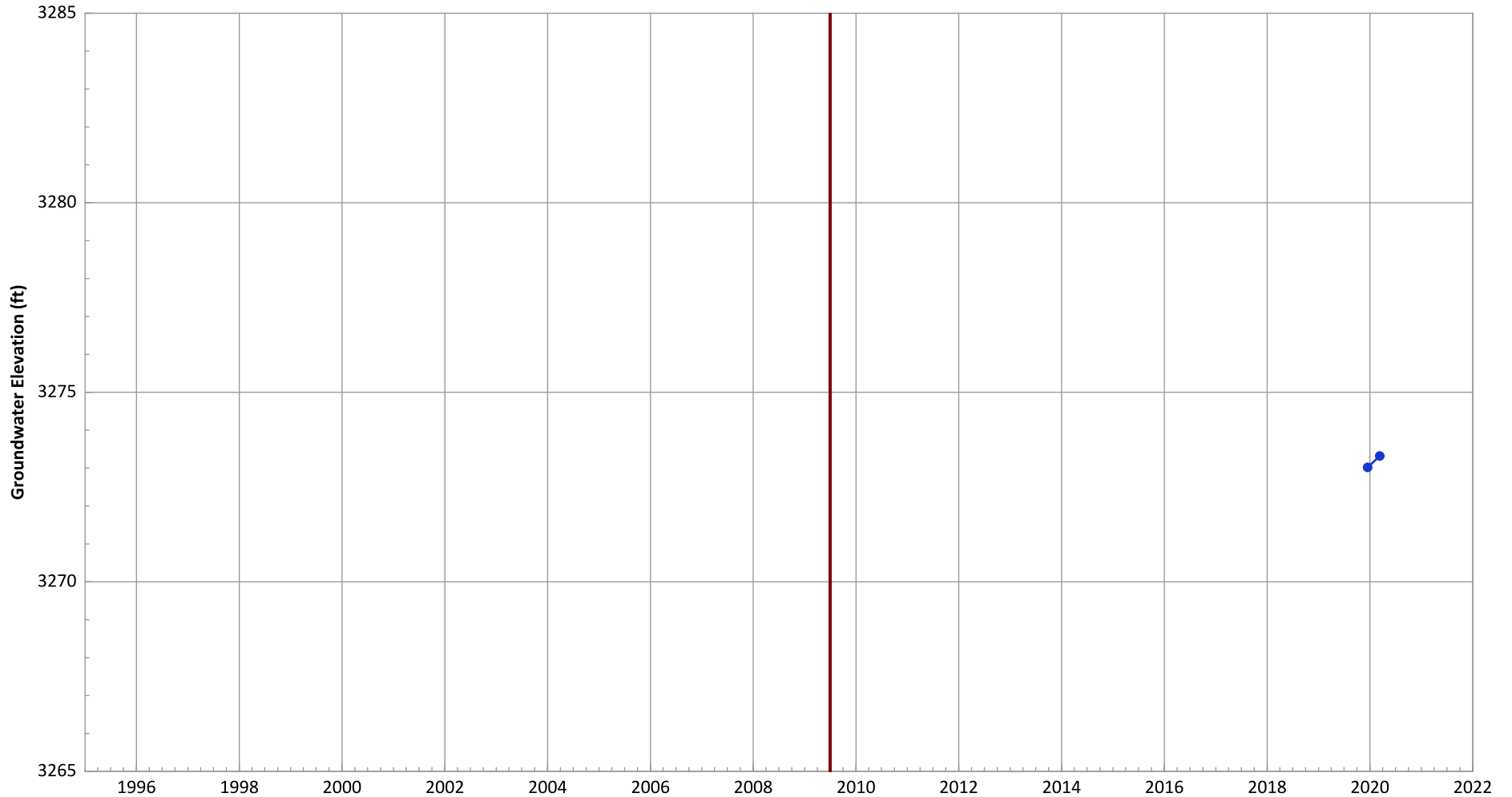
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

PTX06-ISB137 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

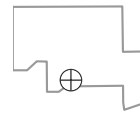


Notes:

- 1. Top of screen elevation is 3275.19 ft msl.
 - 2. The bottom of screen elevation is 3250.19 ft msl.
 - 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

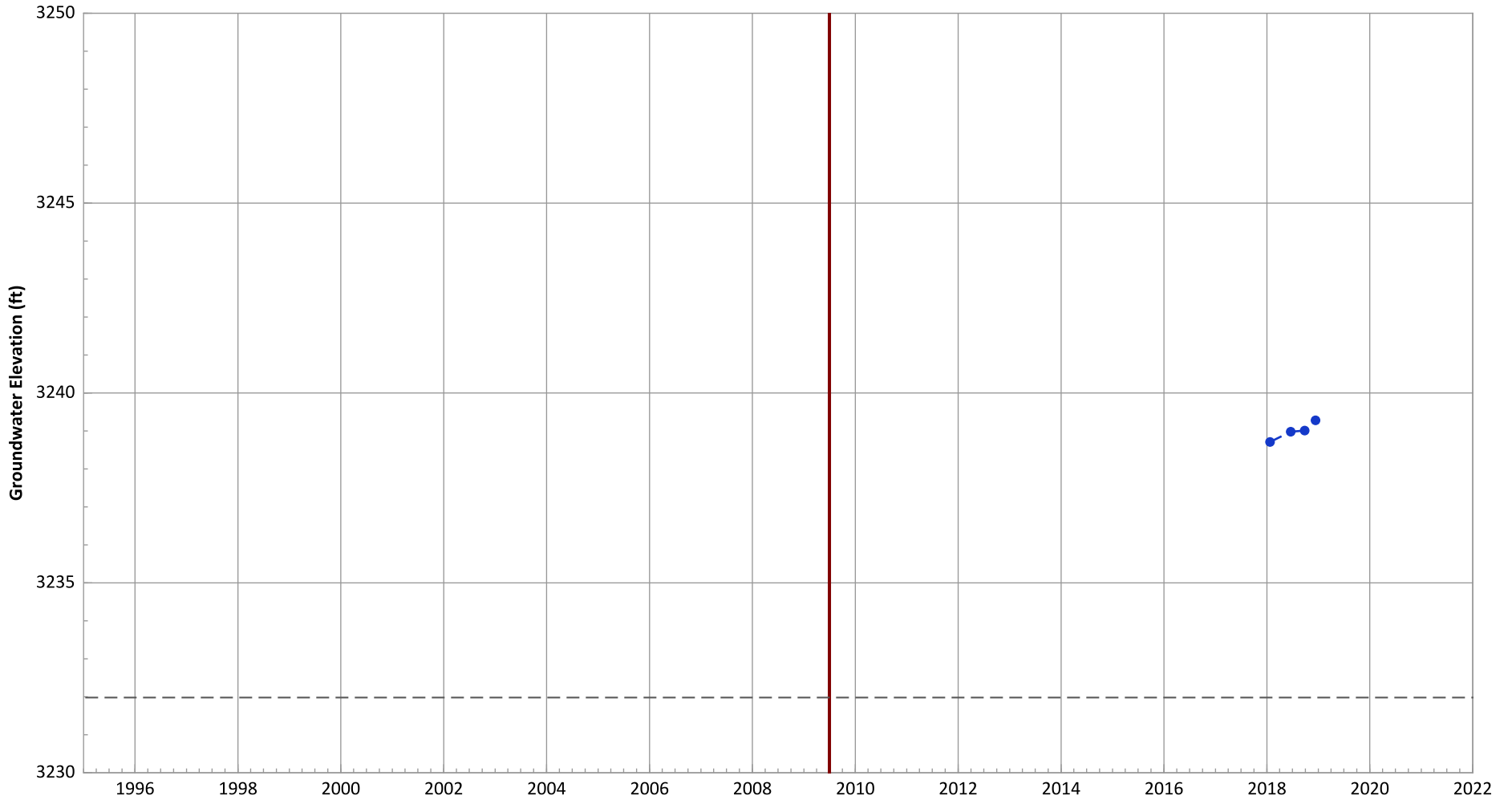
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2021): N/A (<3 Measurements)

**PTX06-ISB301 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

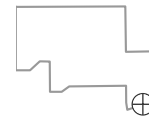


Notes:

1. Top of screen elevation is 3241.98 ft msl.
 2. The bottom of screen elevation is 3231.98 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

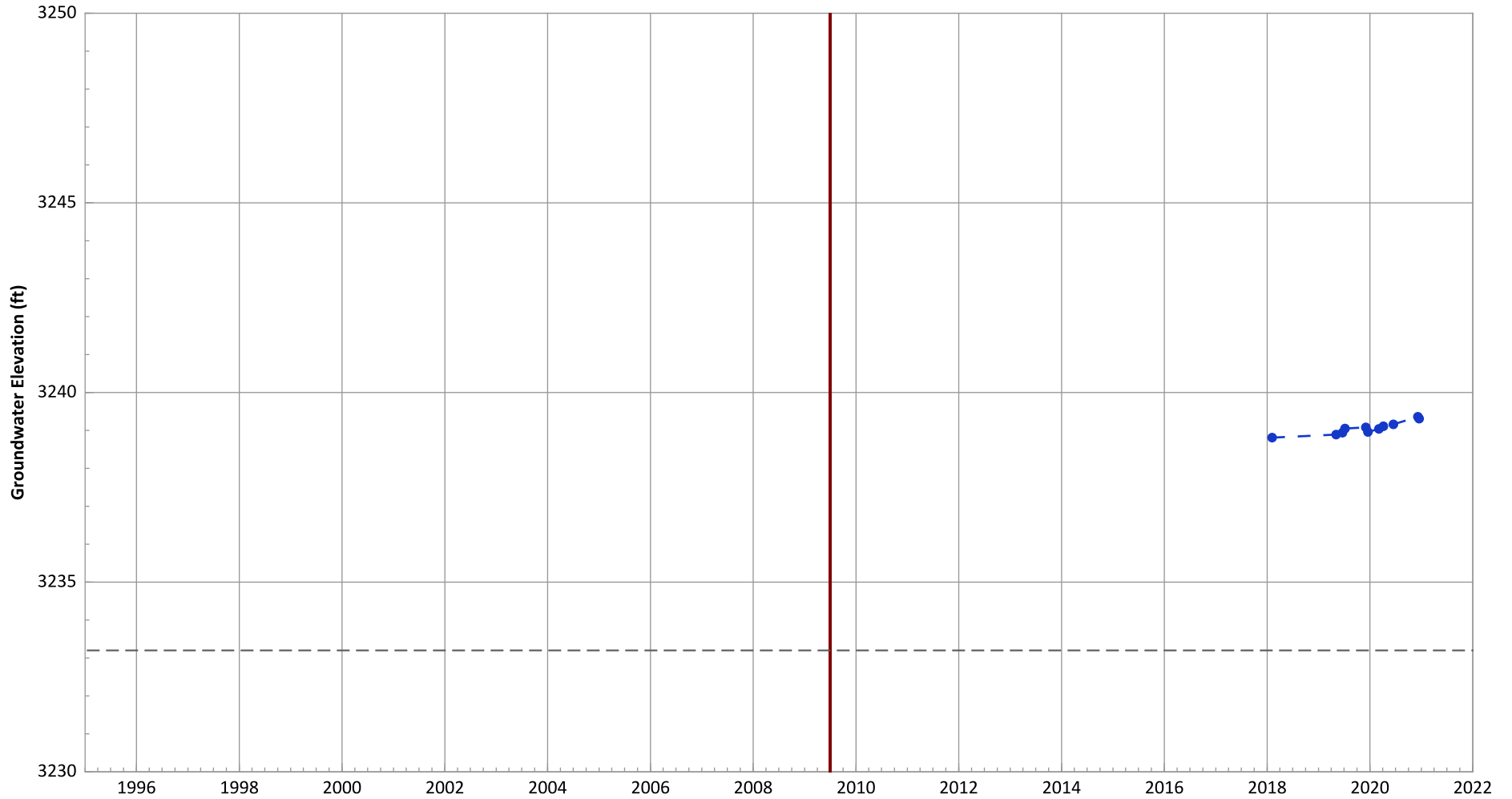
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Increasing at 0.59 ft/yr

**PTX06-ISB302 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

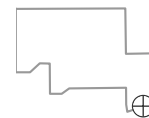


Notes:

1. Top of screen elevation is 3243.2 ft msl.
 2. The bottom of screen elevation is 3233.2 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

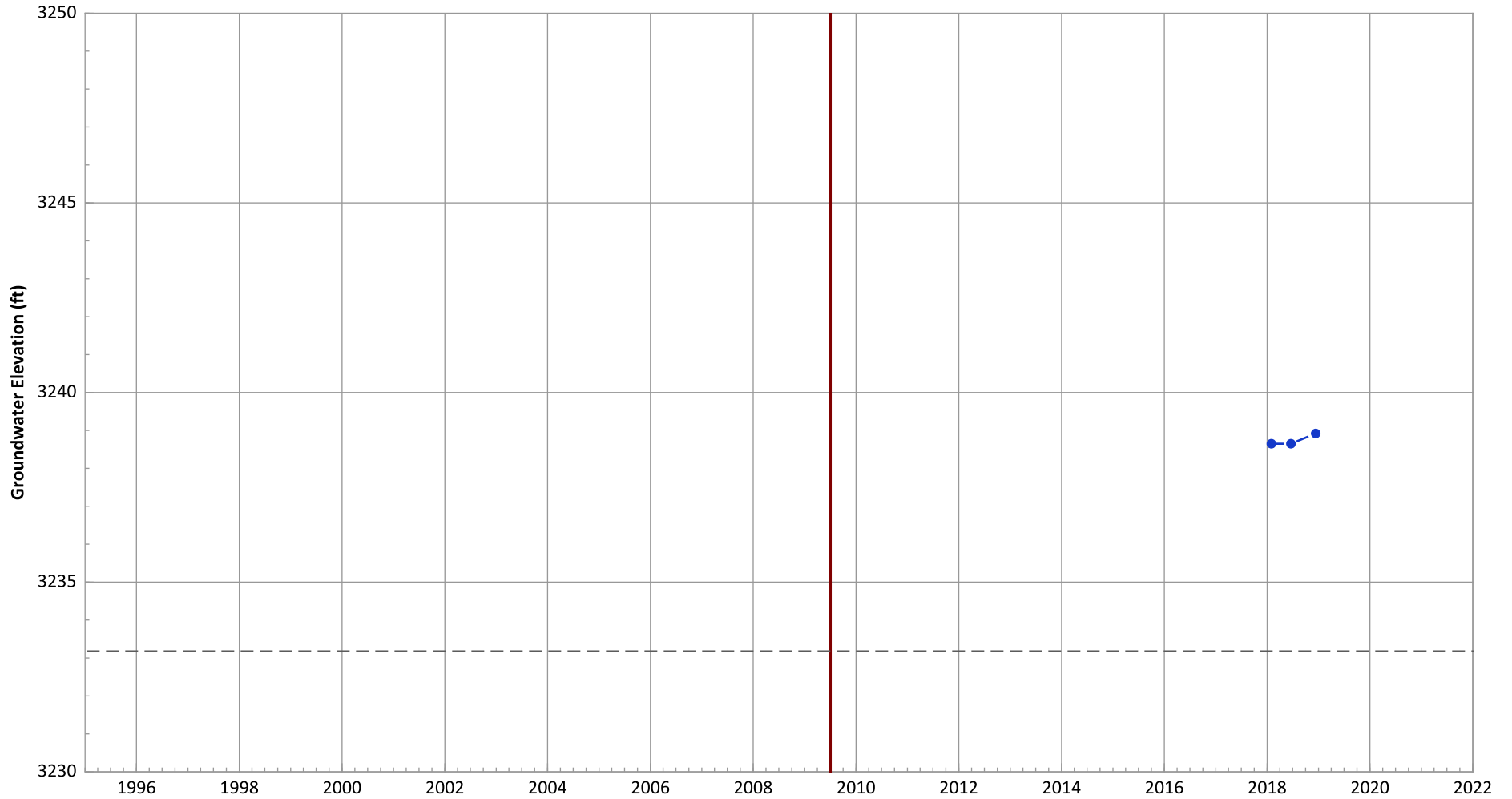
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.25 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.19 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

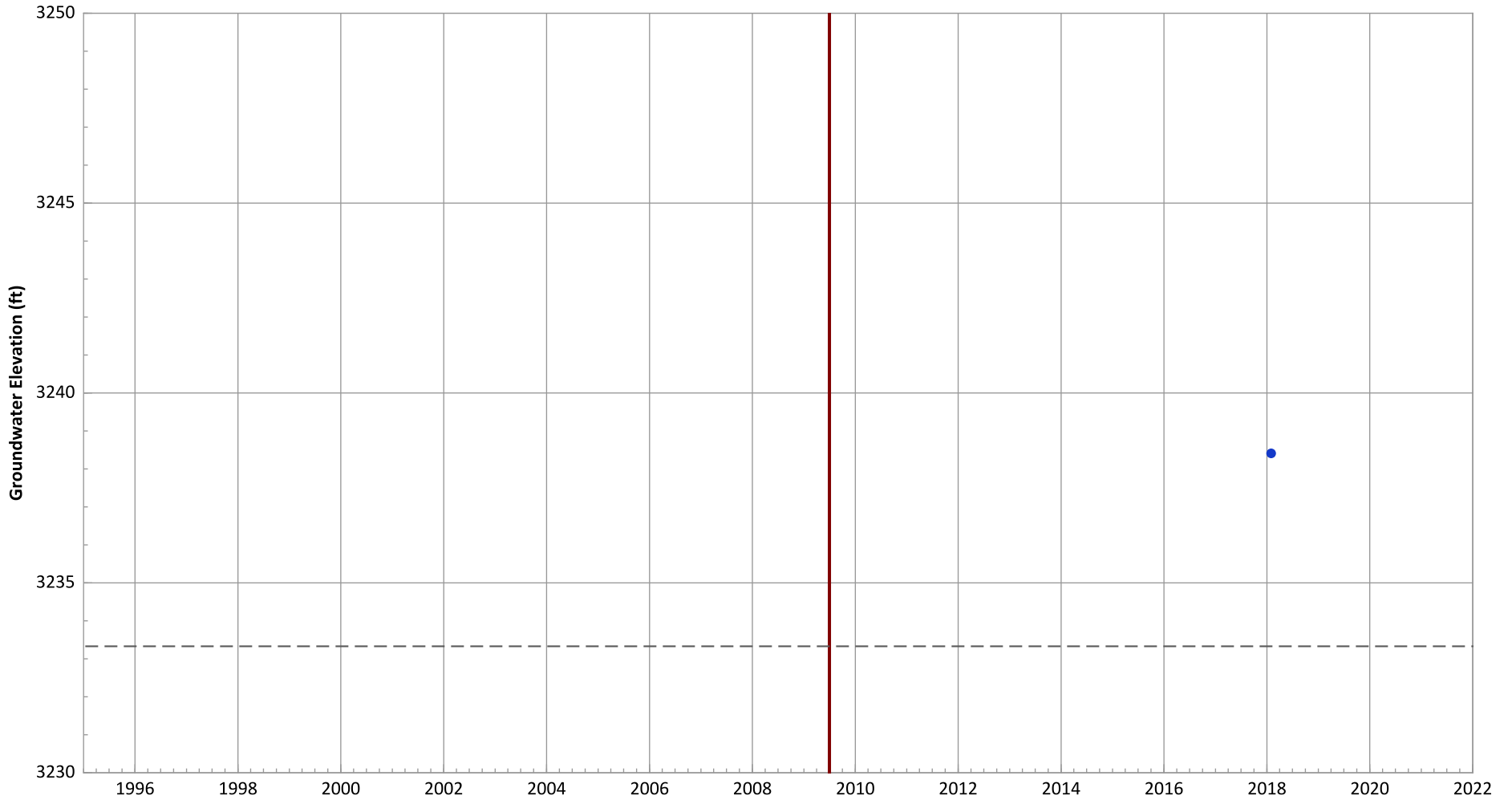
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

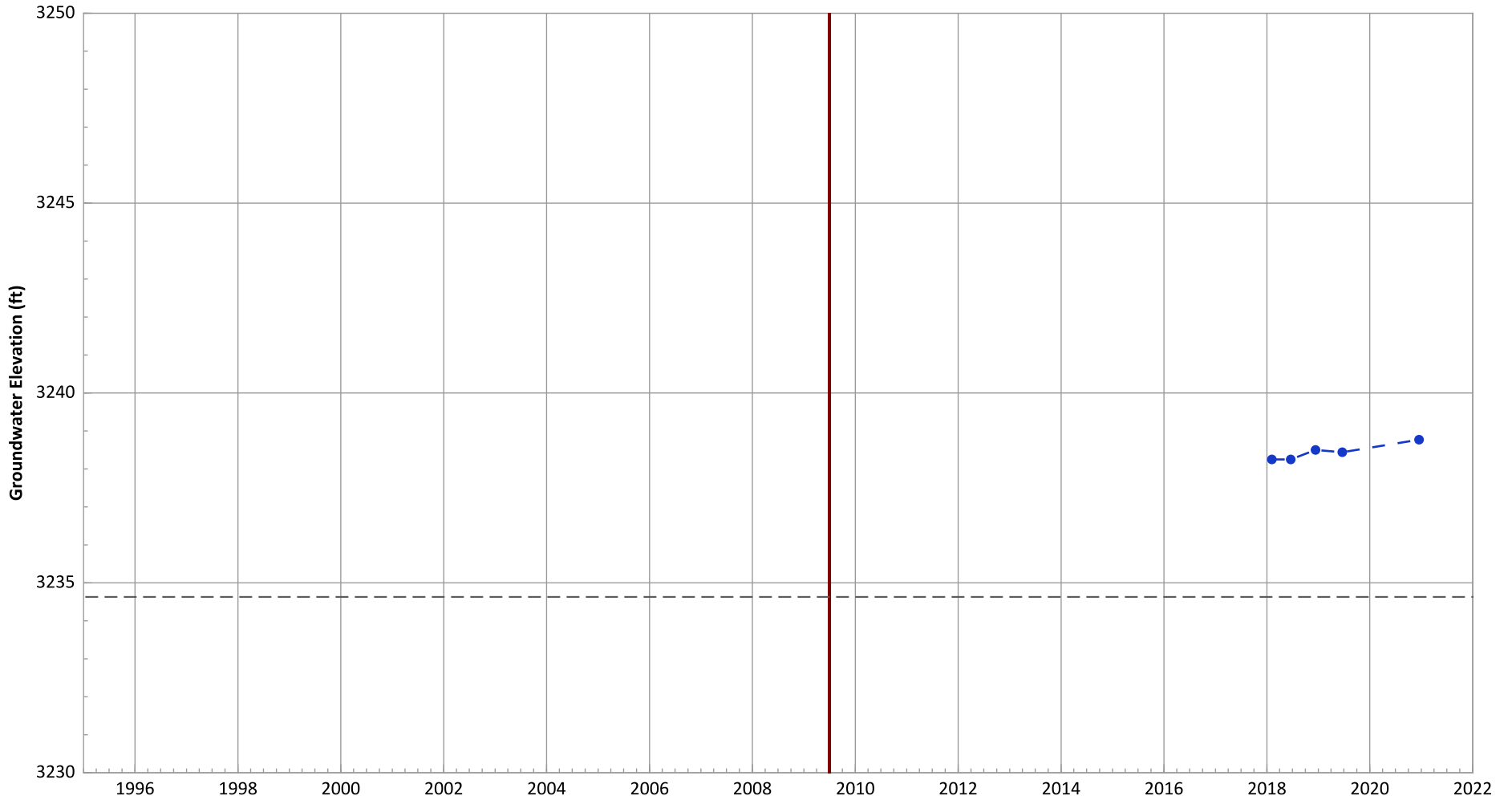
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

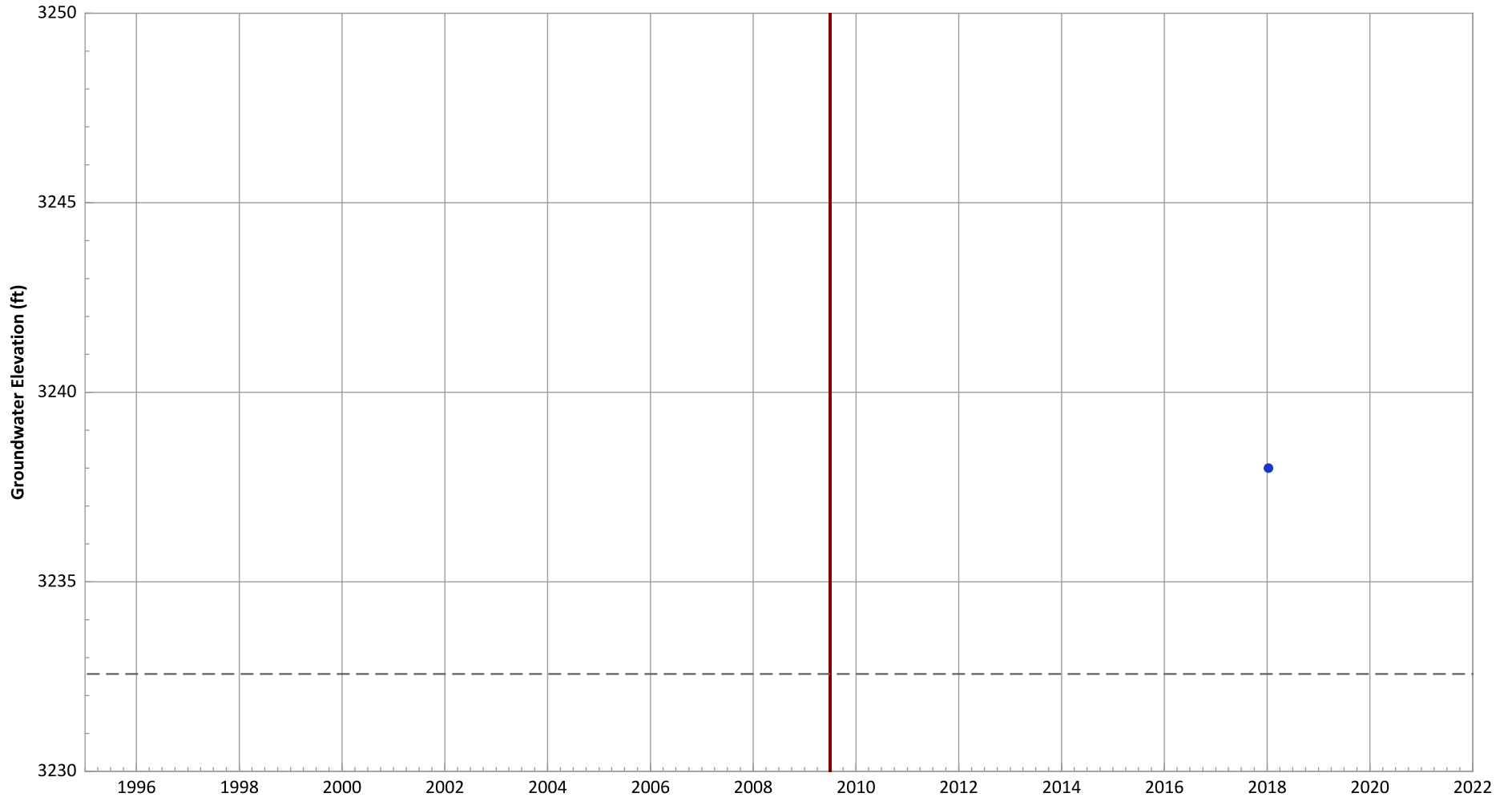
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2021): Increasing at 0.18 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

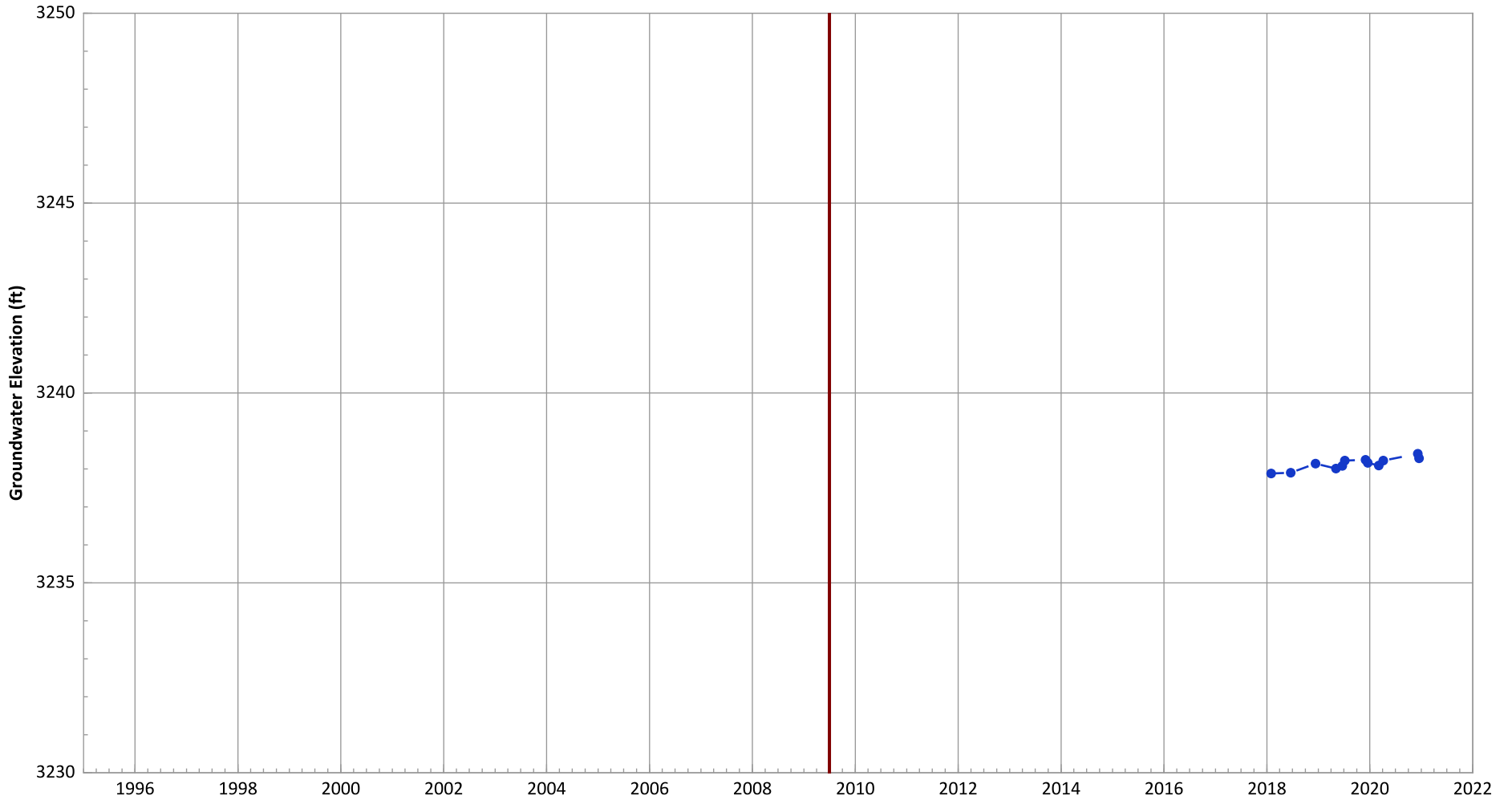
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

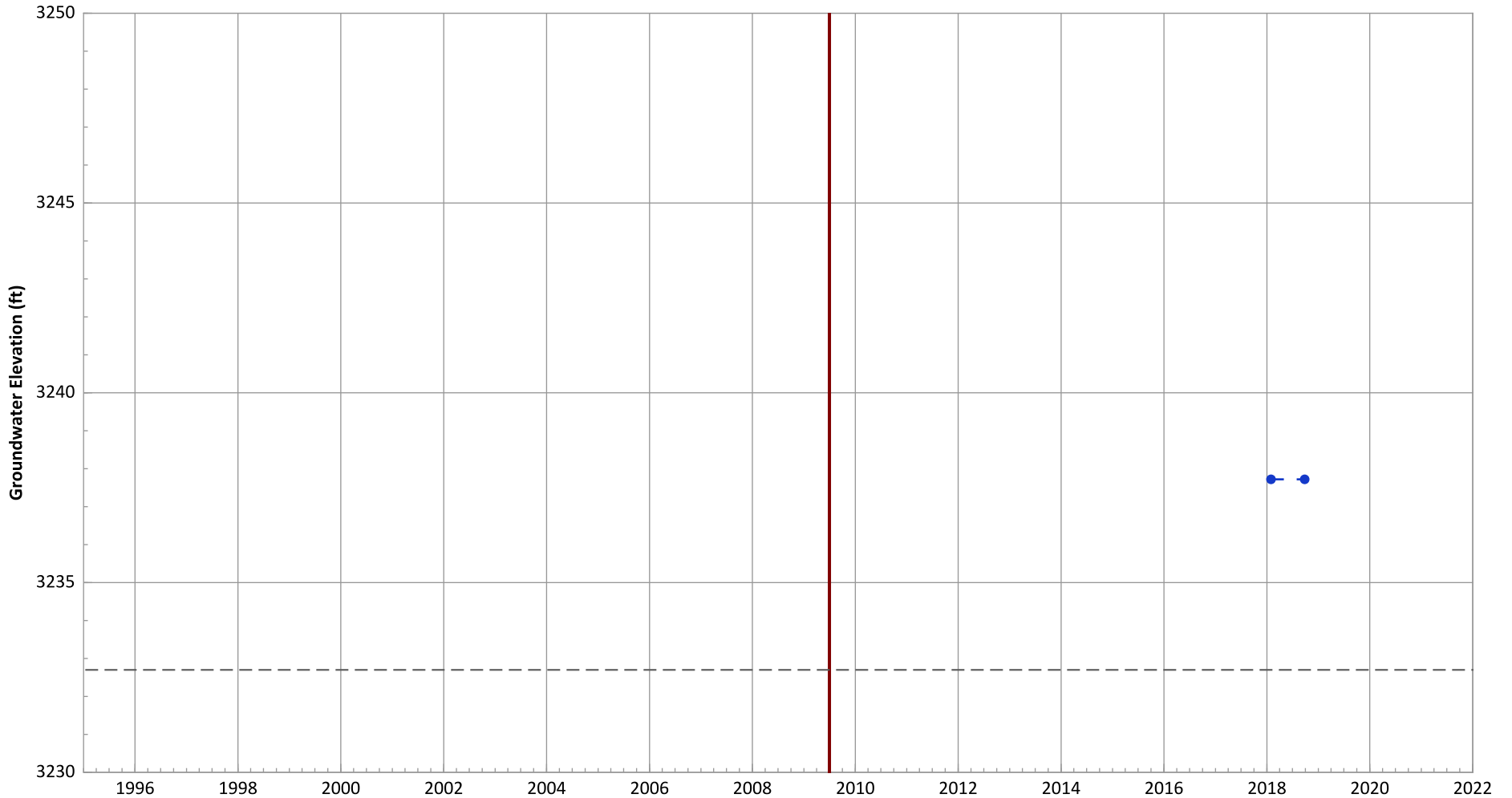
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.15 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.15 ft/yr

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

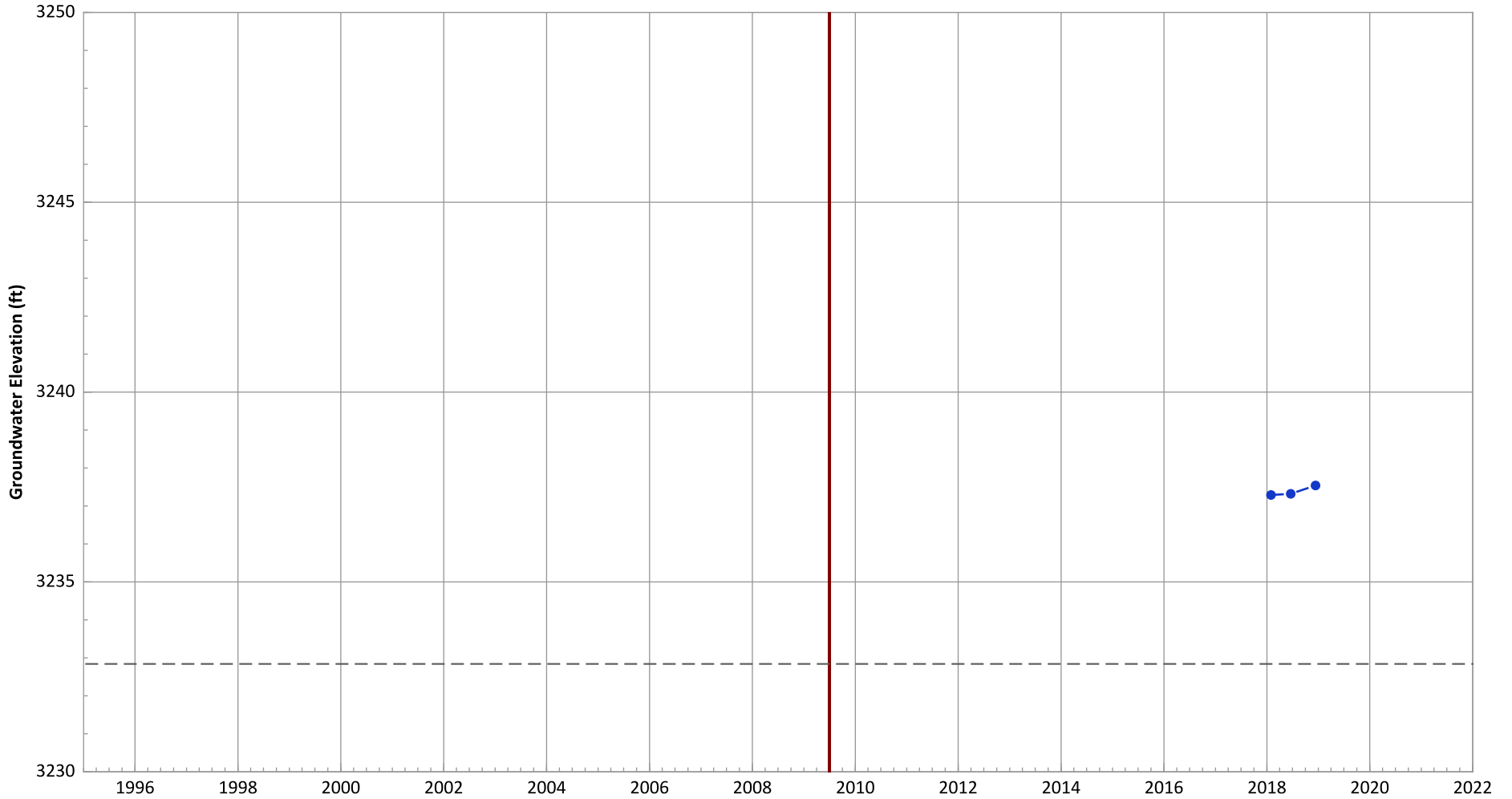
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (<3 Measurements)

PTX06-ISB309 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



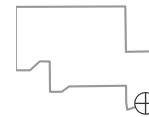
Notes:

- 1. Top of screen elevation is 3242.84 ft msl.
 - 2. The bottom of screen elevation is 3232.84 ft msl.
 - 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
- Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



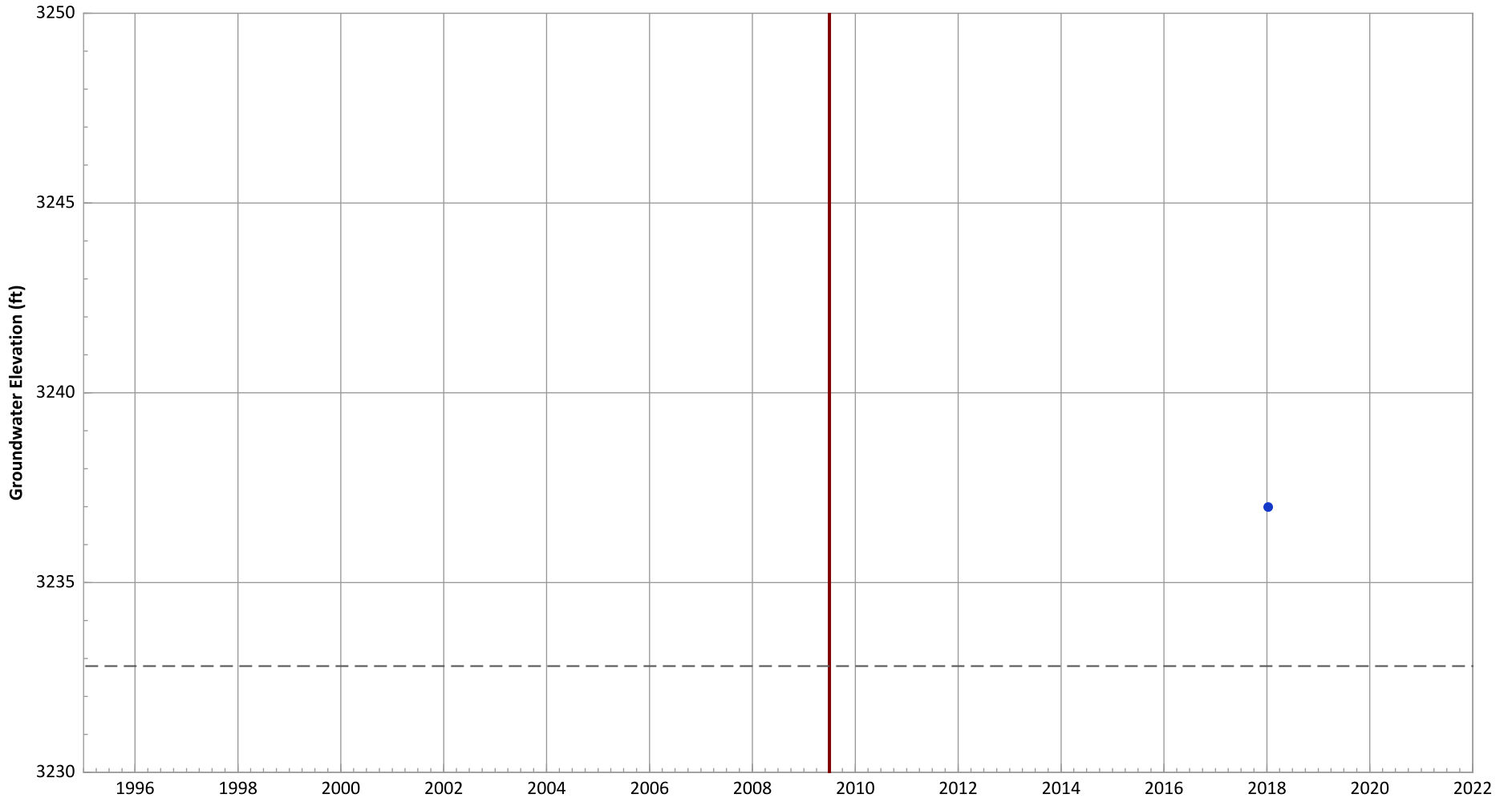
Hydrograph Trend

(MAROS Linear Regression Method)

2019 - 2021 Data: N/A (No Measurements)

Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

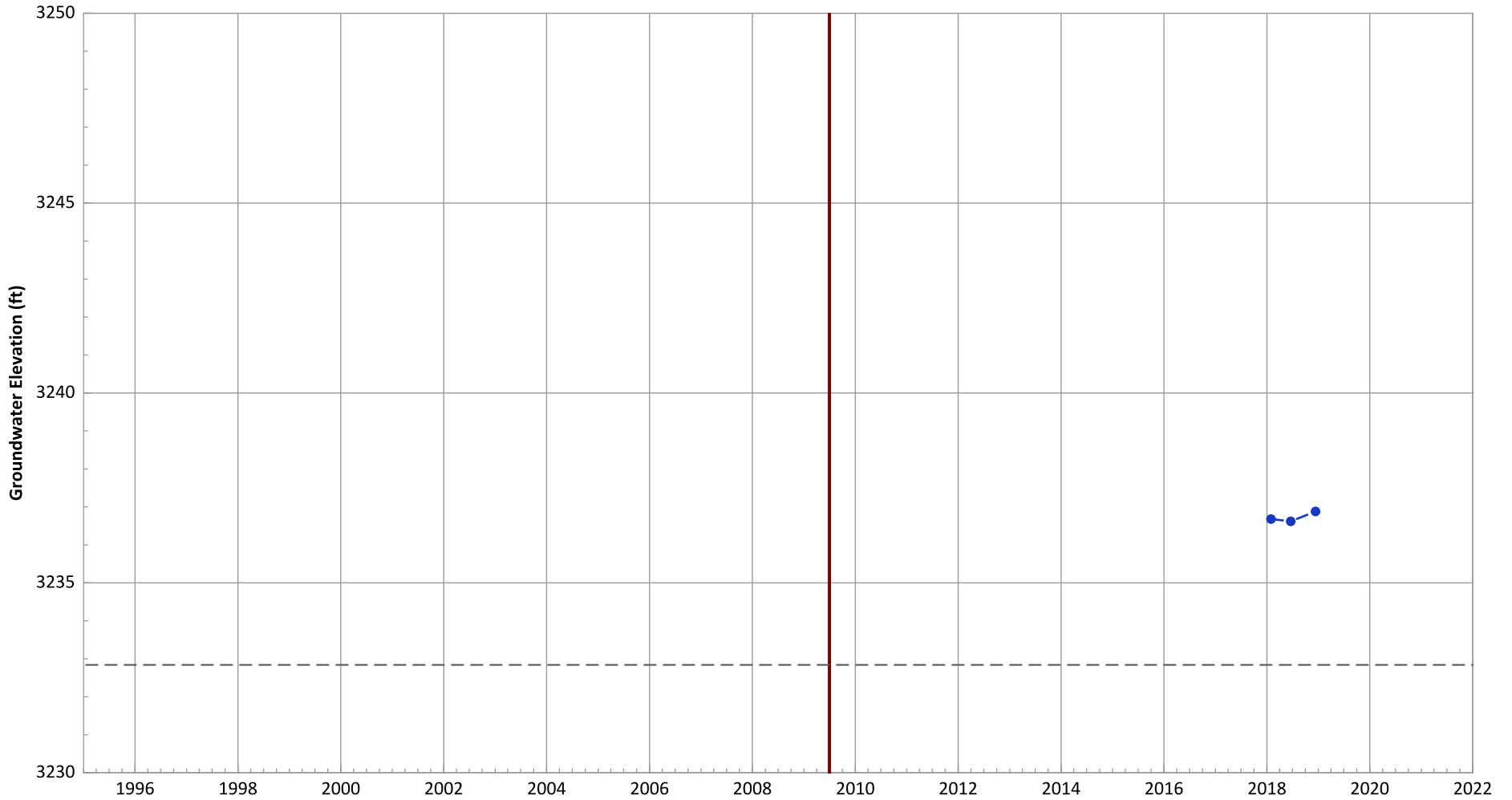
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

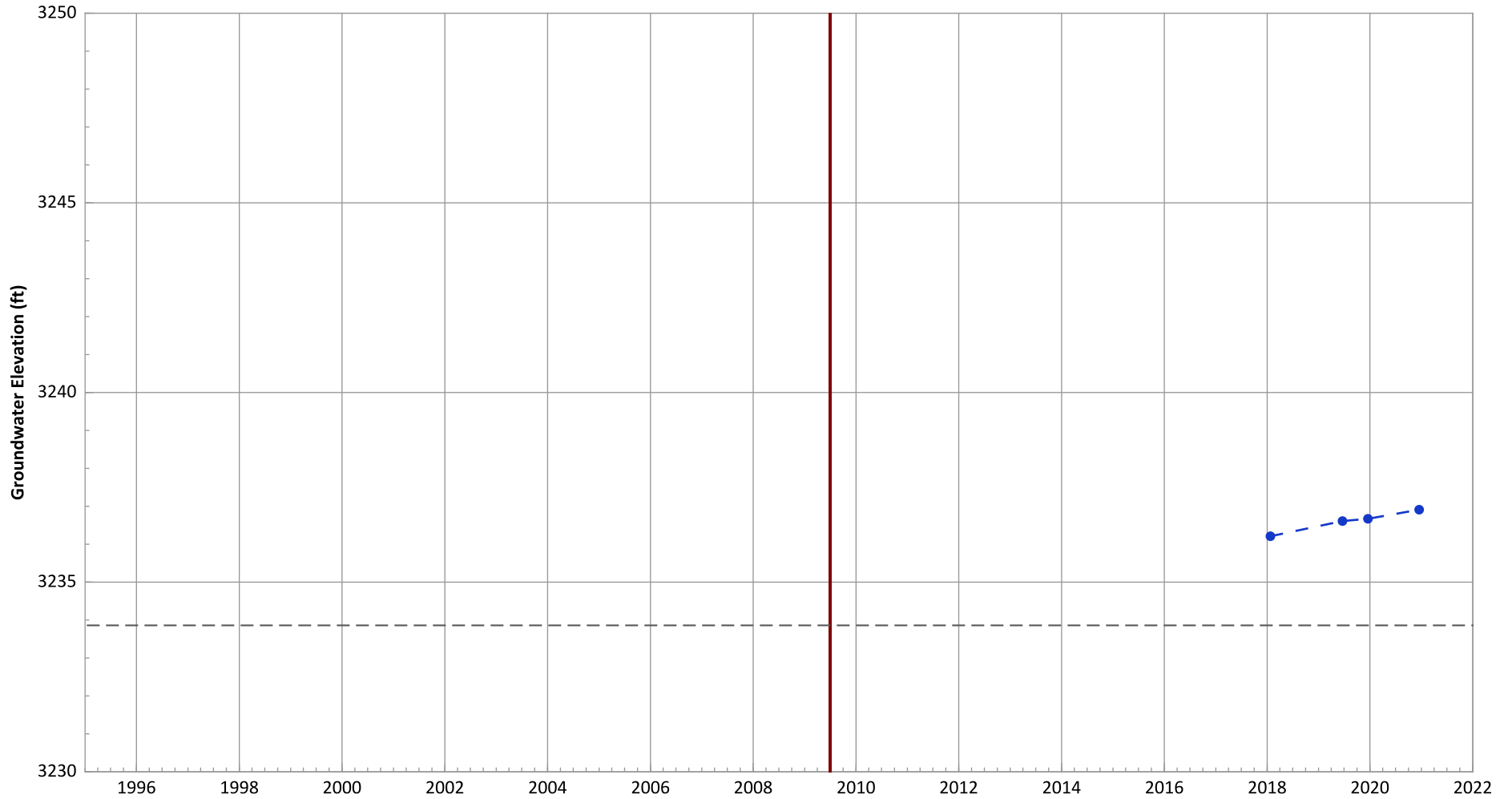
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- - - ● - - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

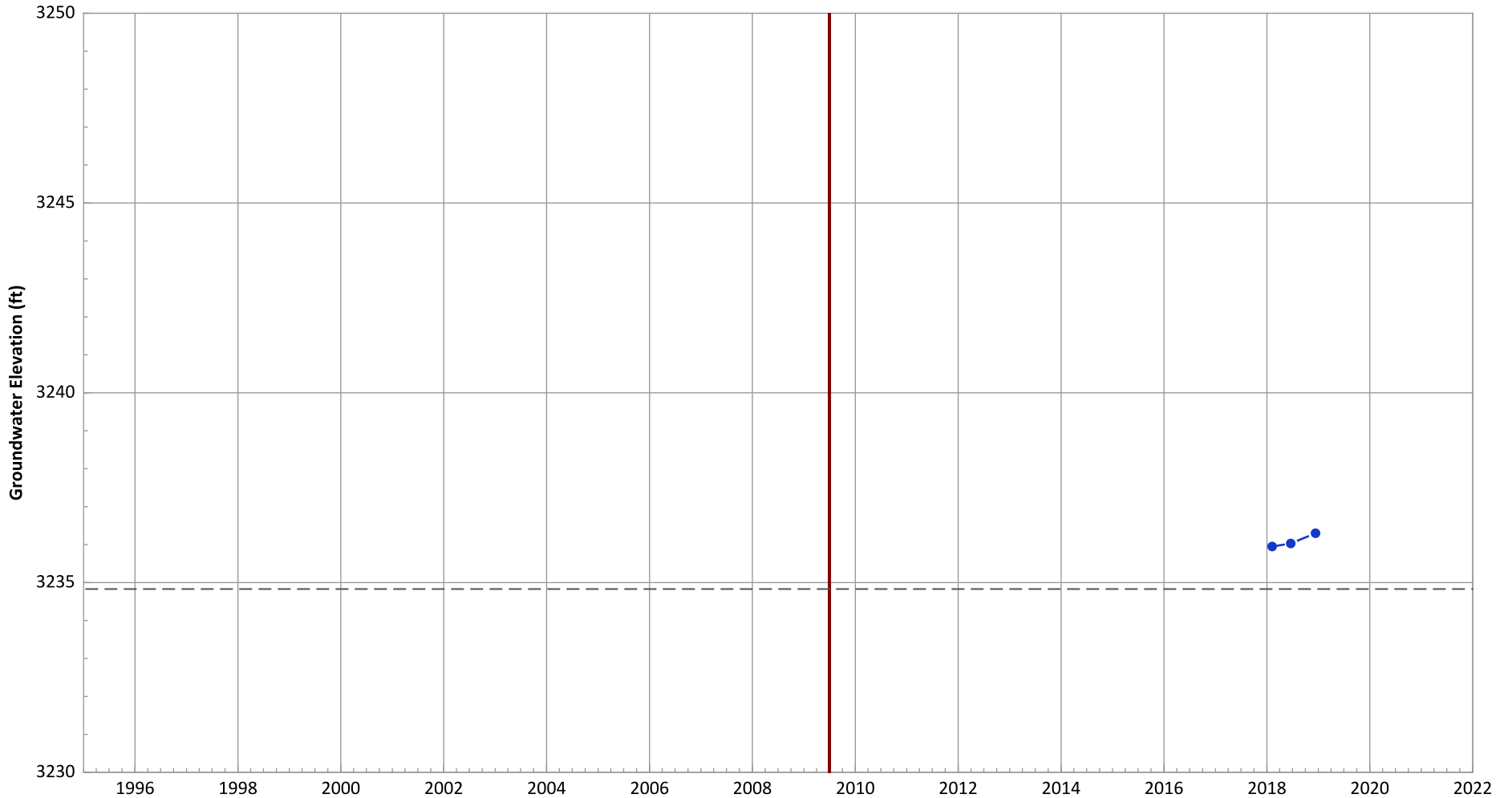
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.21 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.24 ft/yr

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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

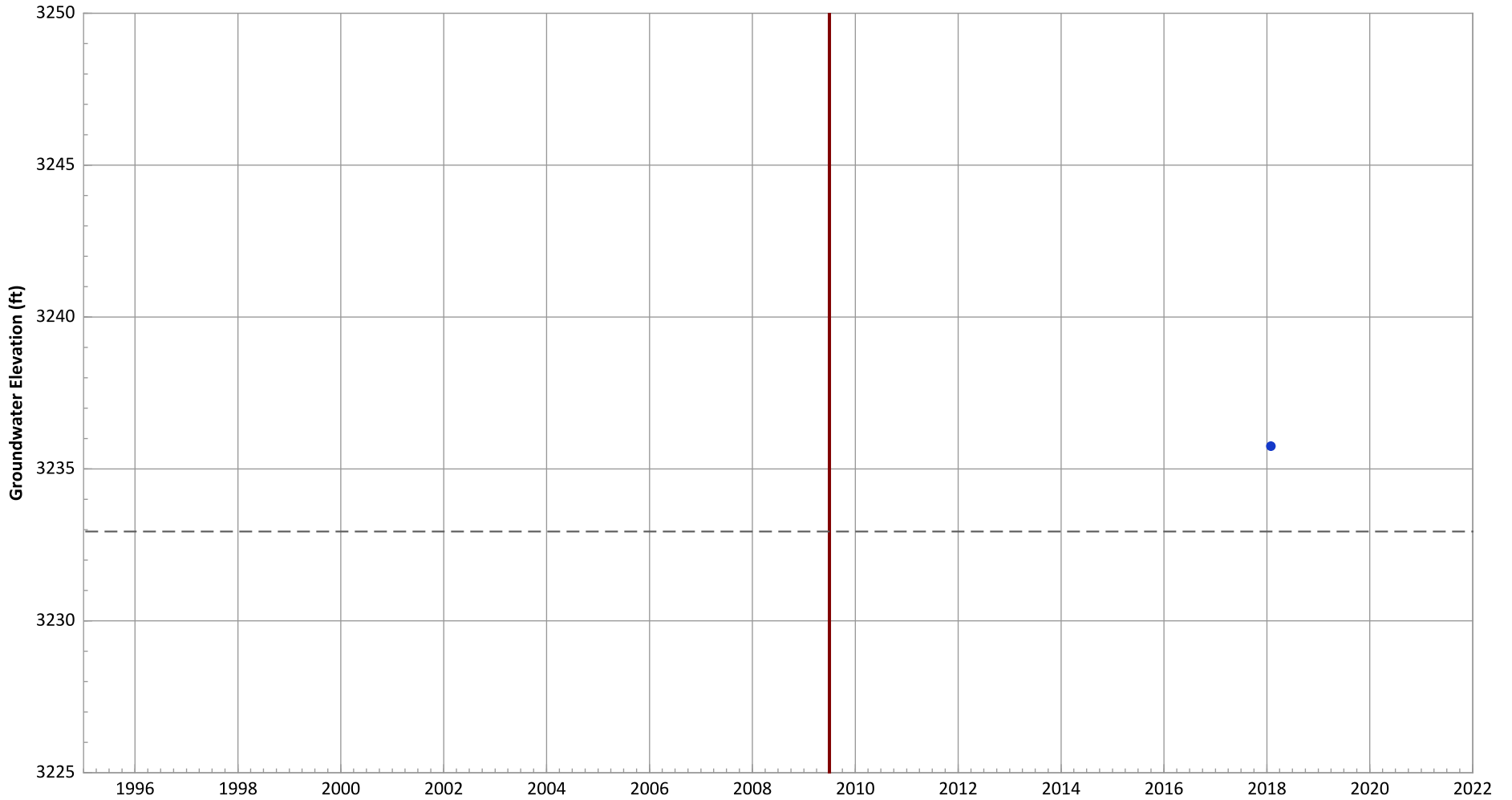
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

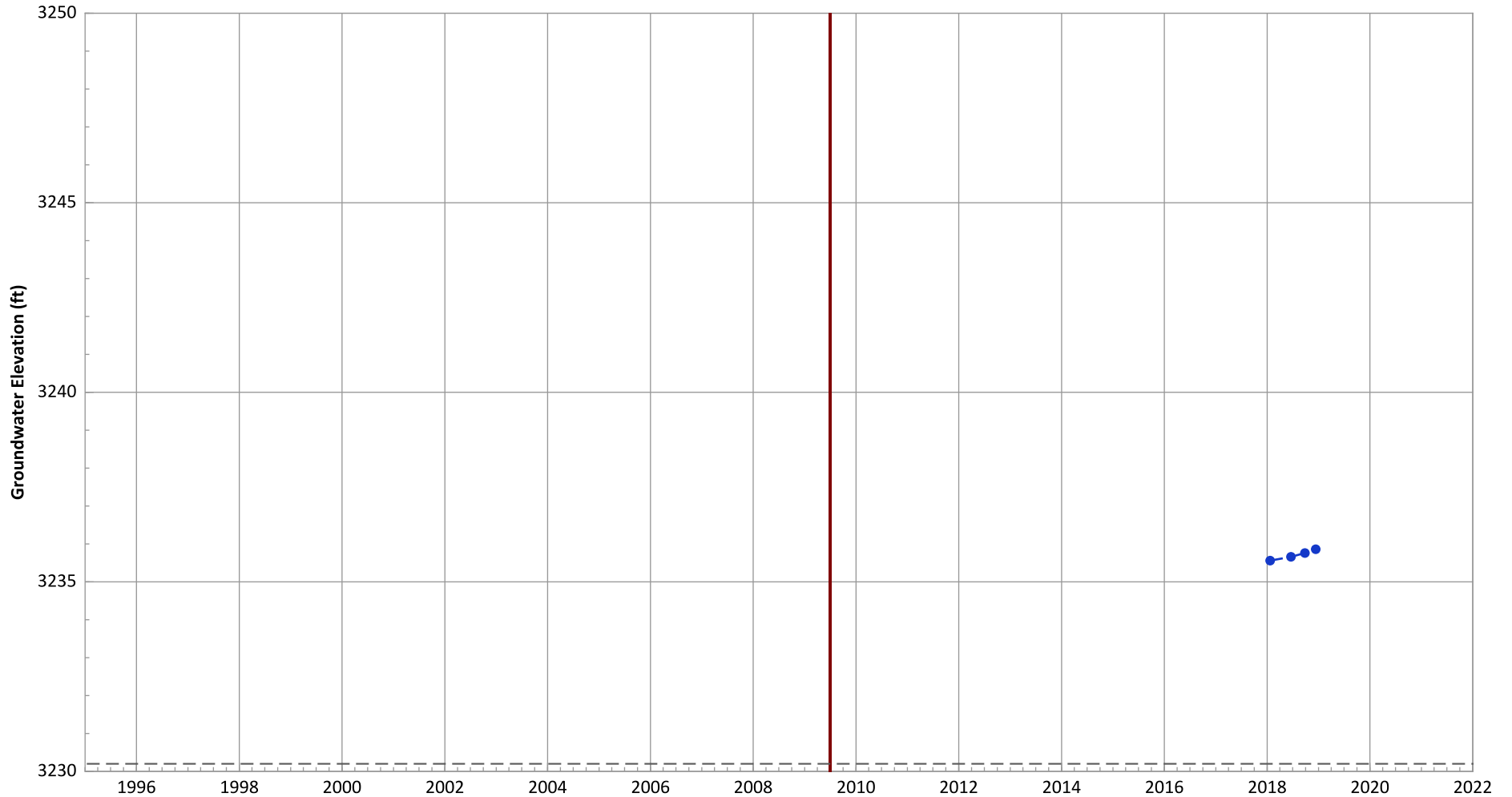
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

PTX06-ISB315 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



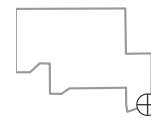
Notes:

1. Top of screen elevation is 3240.2 ft msl.
 2. The bottom of screen elevation is 3230.2 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
- Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

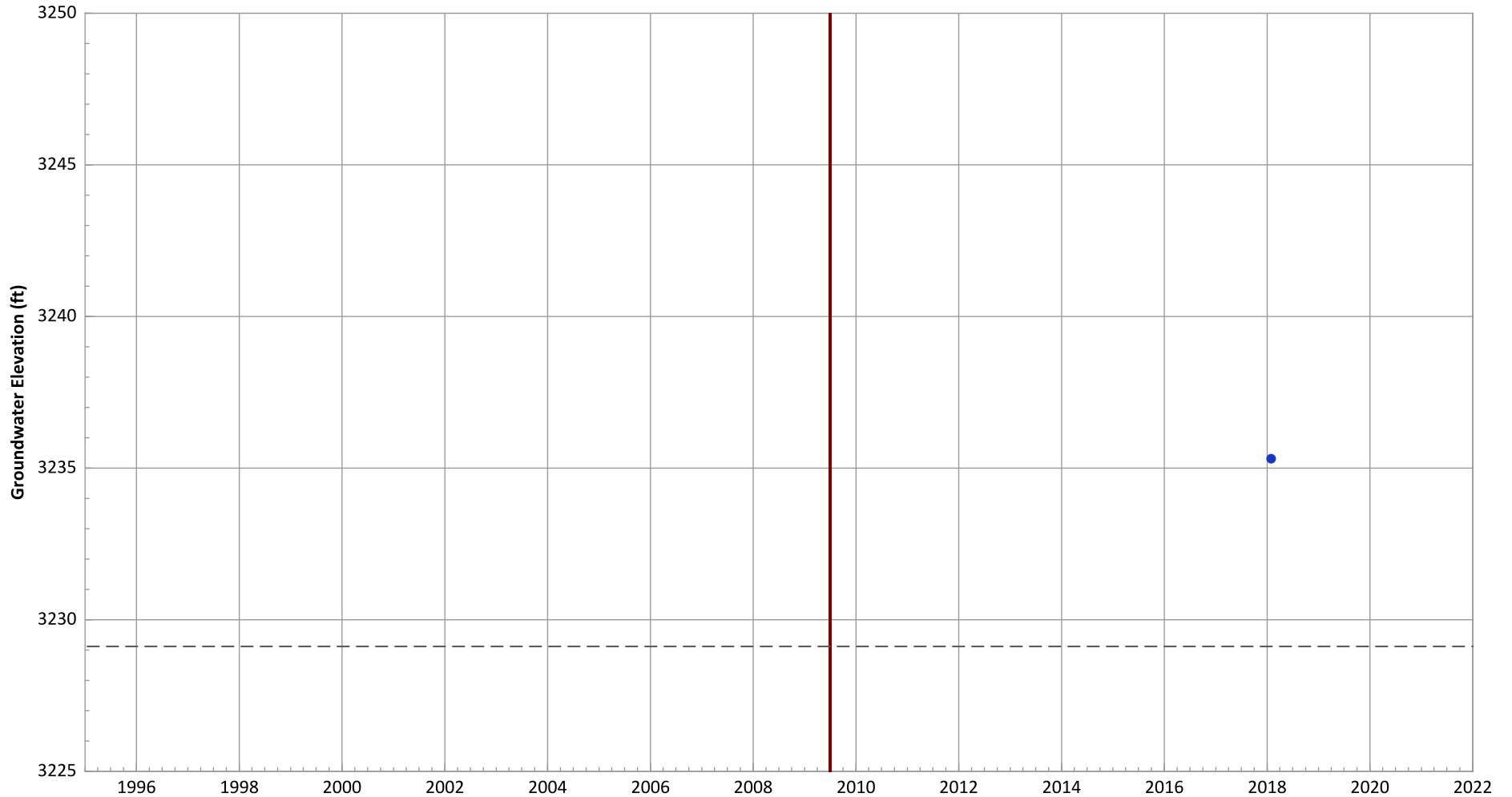
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

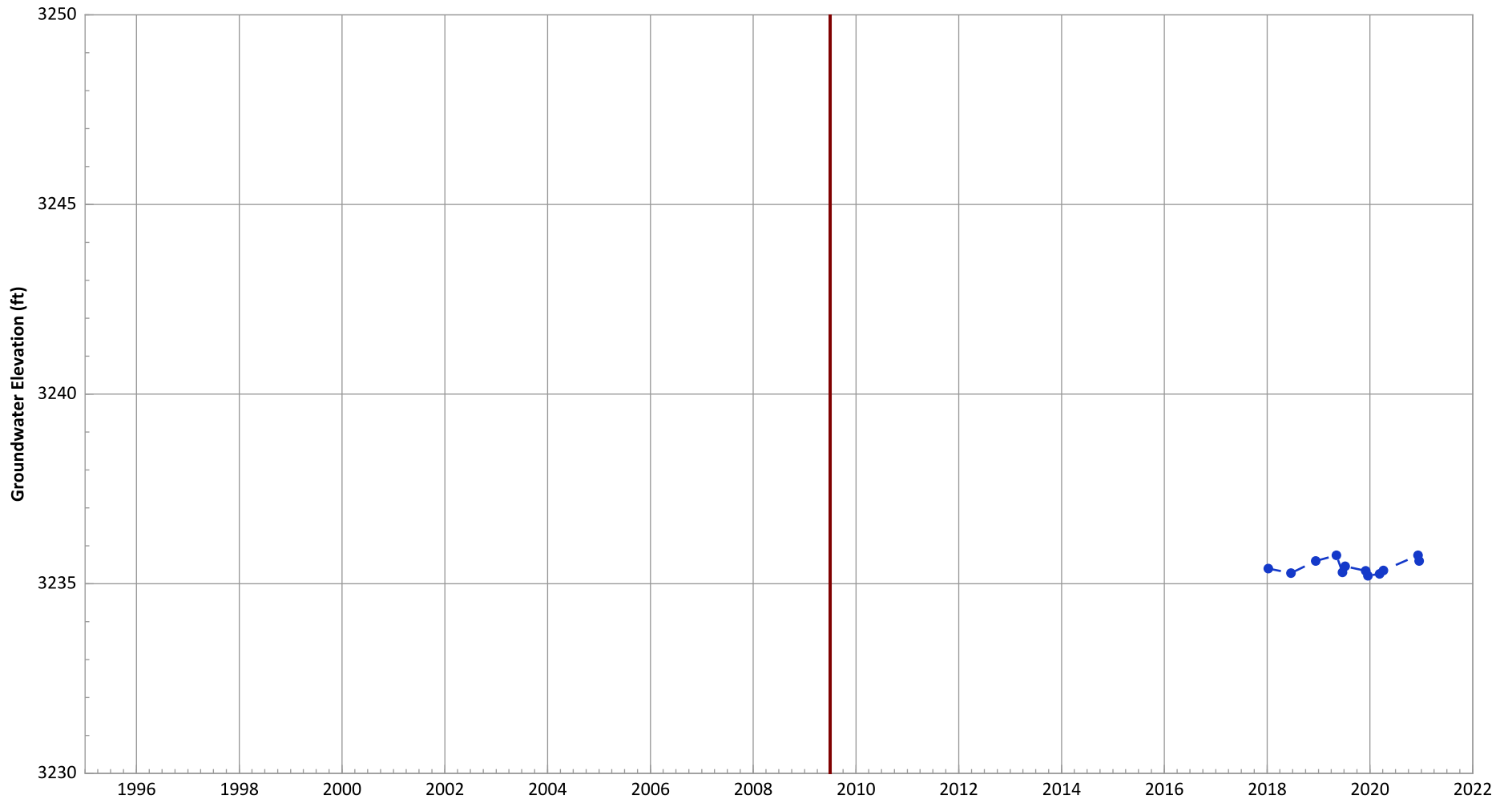
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

PTX06-ISB317 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



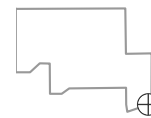
Notes:

1. Top of screen elevation is 3231.06 ft msl.
 2. The bottom of screen elevation is 3221.06 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
- Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

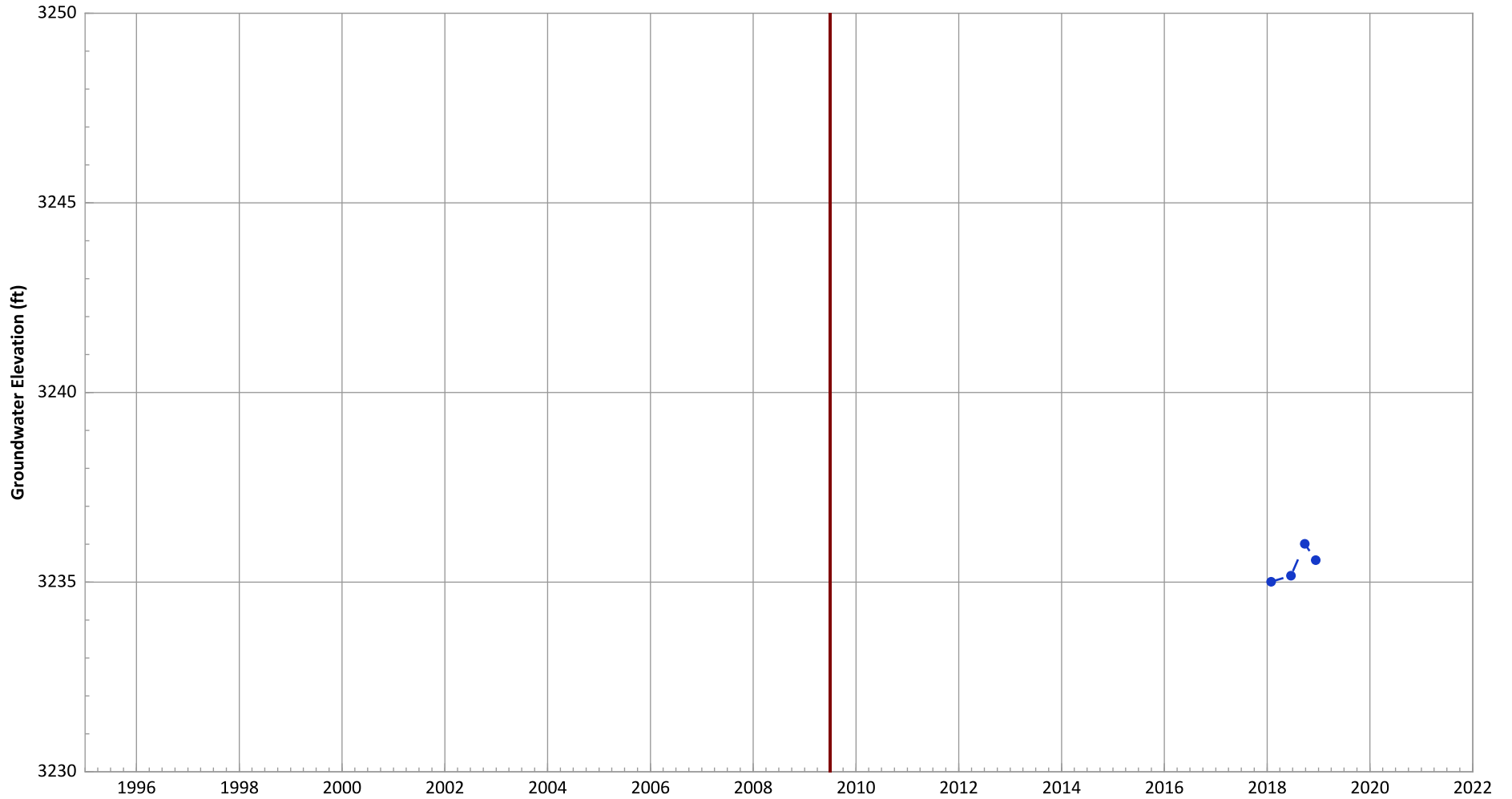
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): No Trend

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

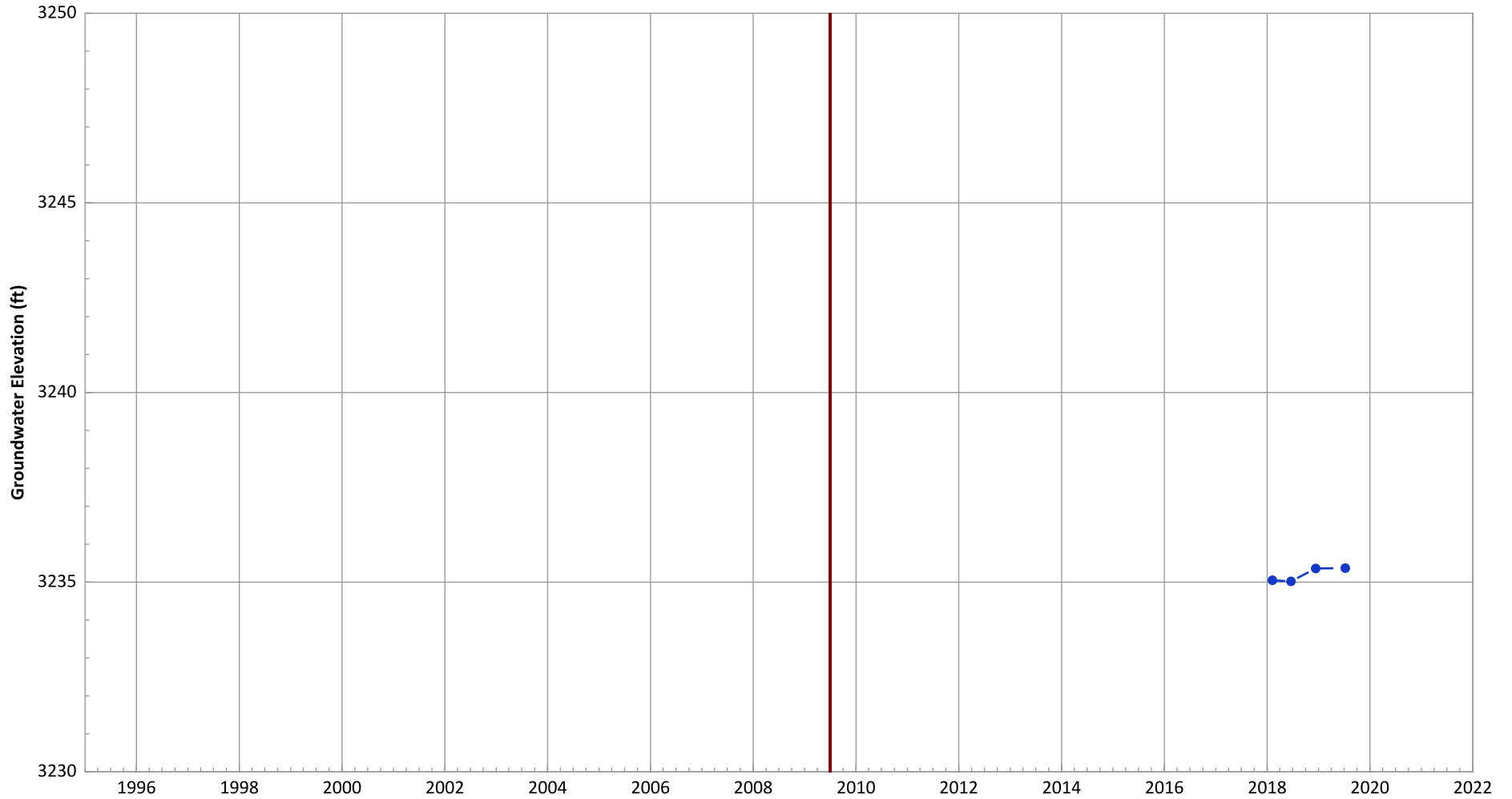
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- - - ● - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

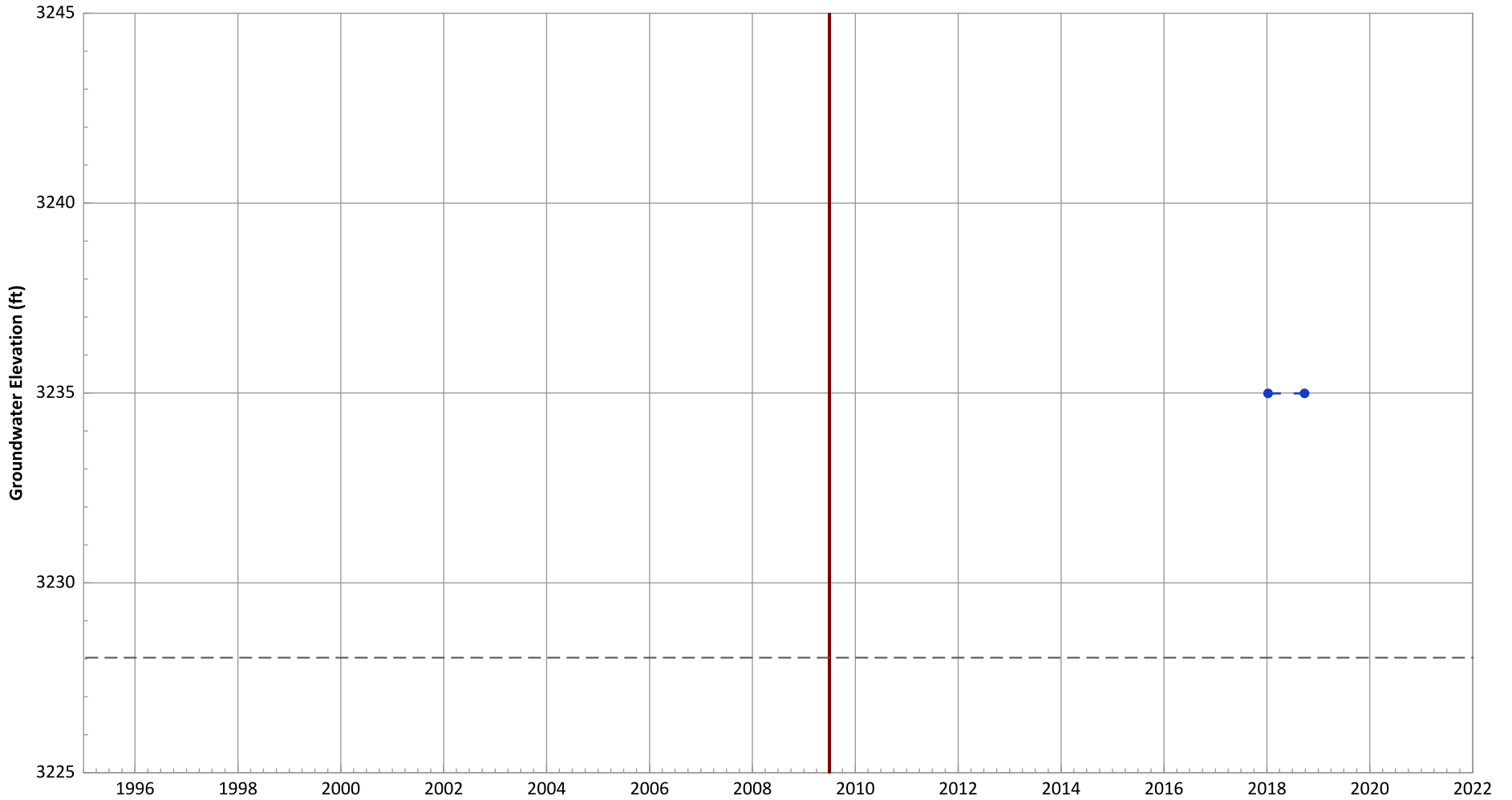
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

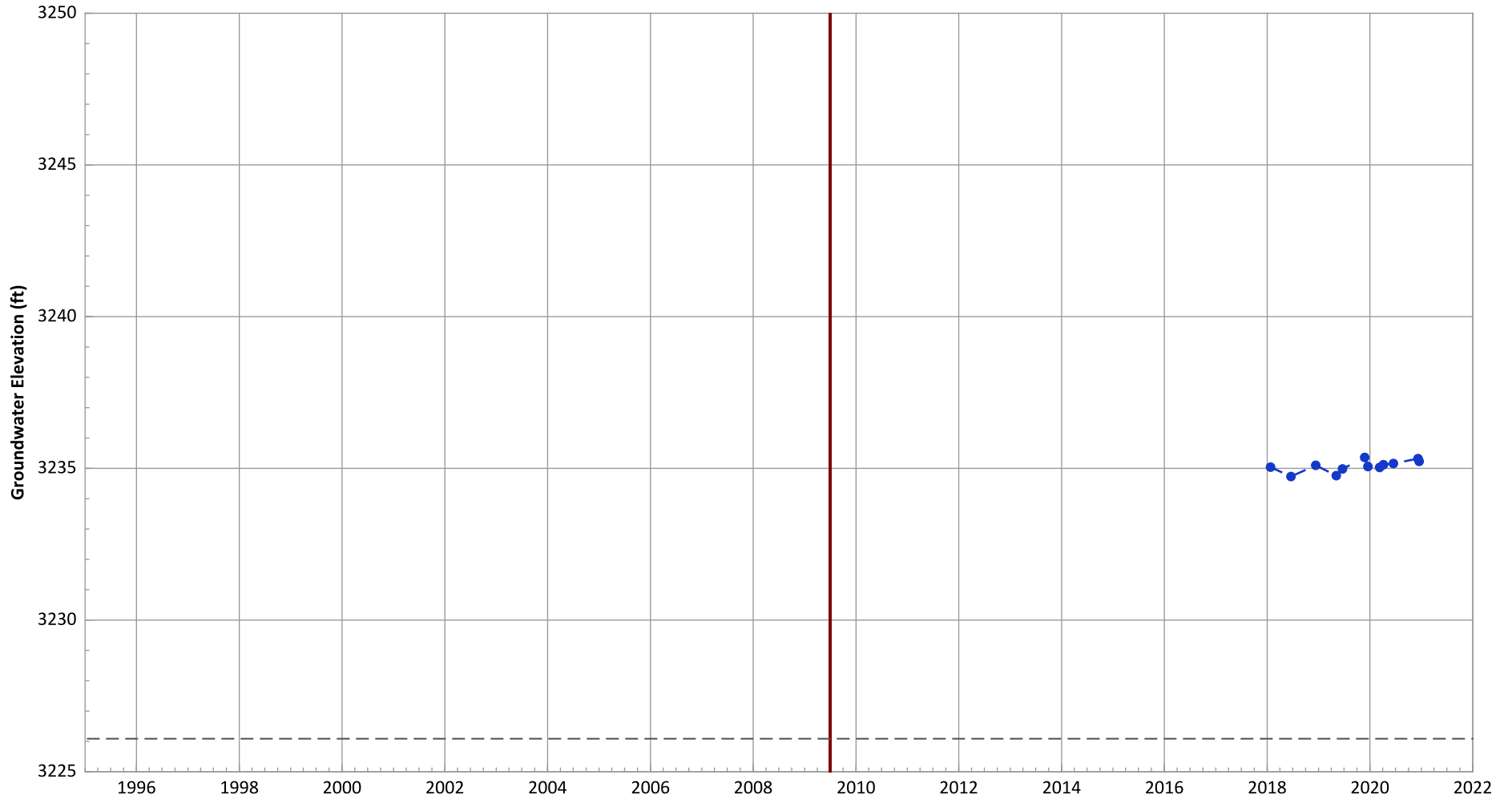
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

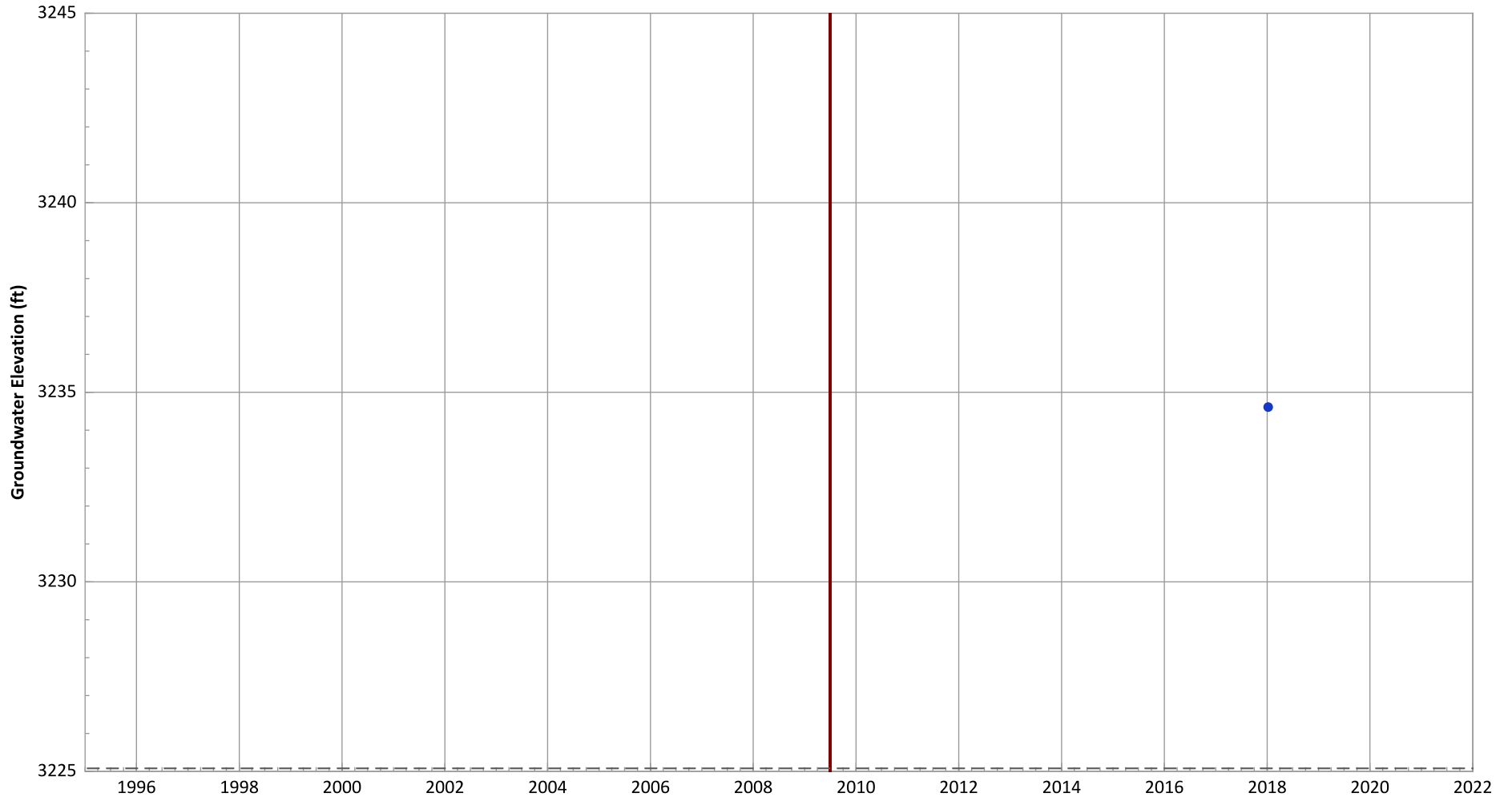
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.23 ft/yr
Data (7/2009 - 1/2021): Increasing at 0.13 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

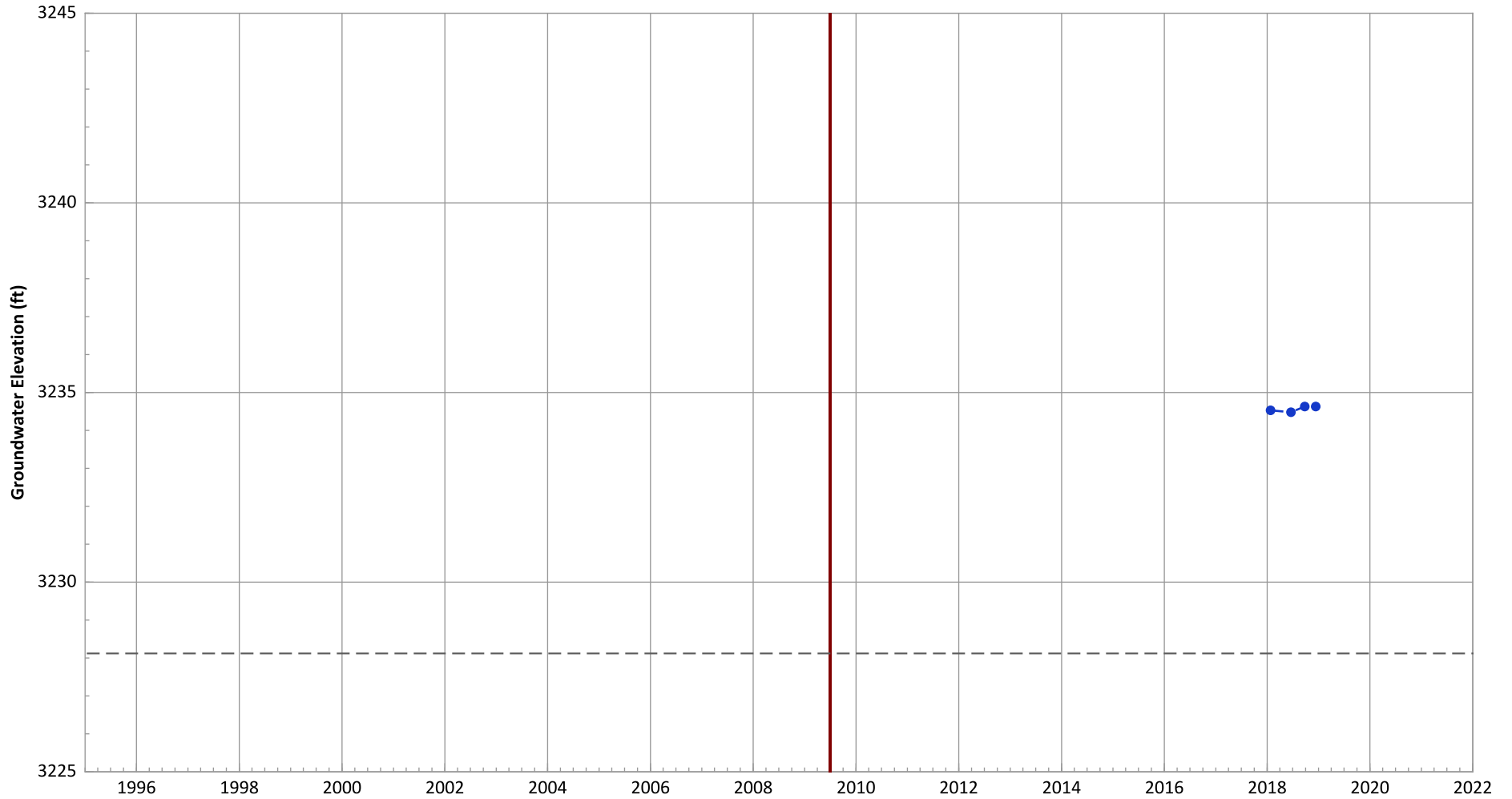
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

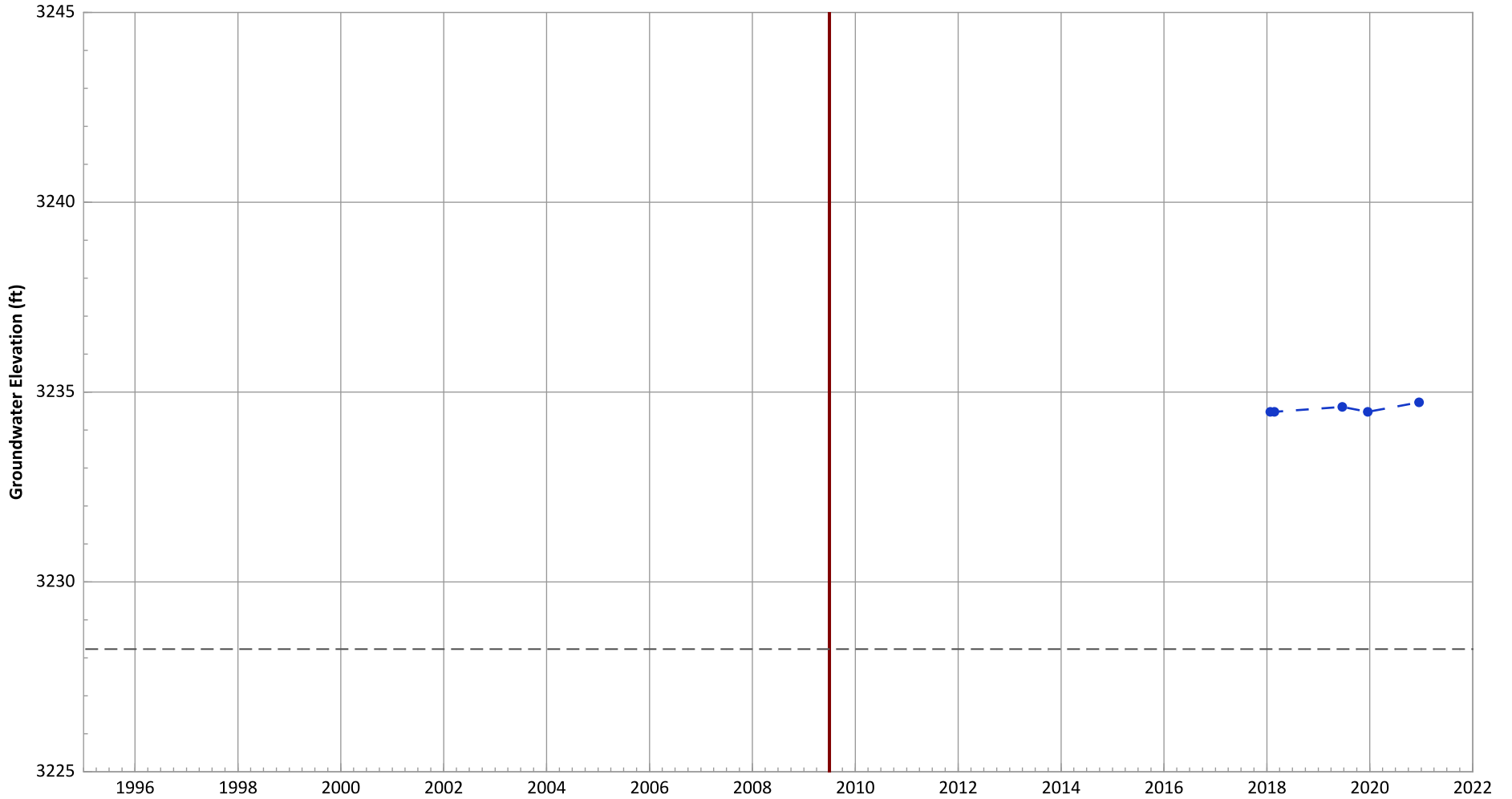
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- - - ● - - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

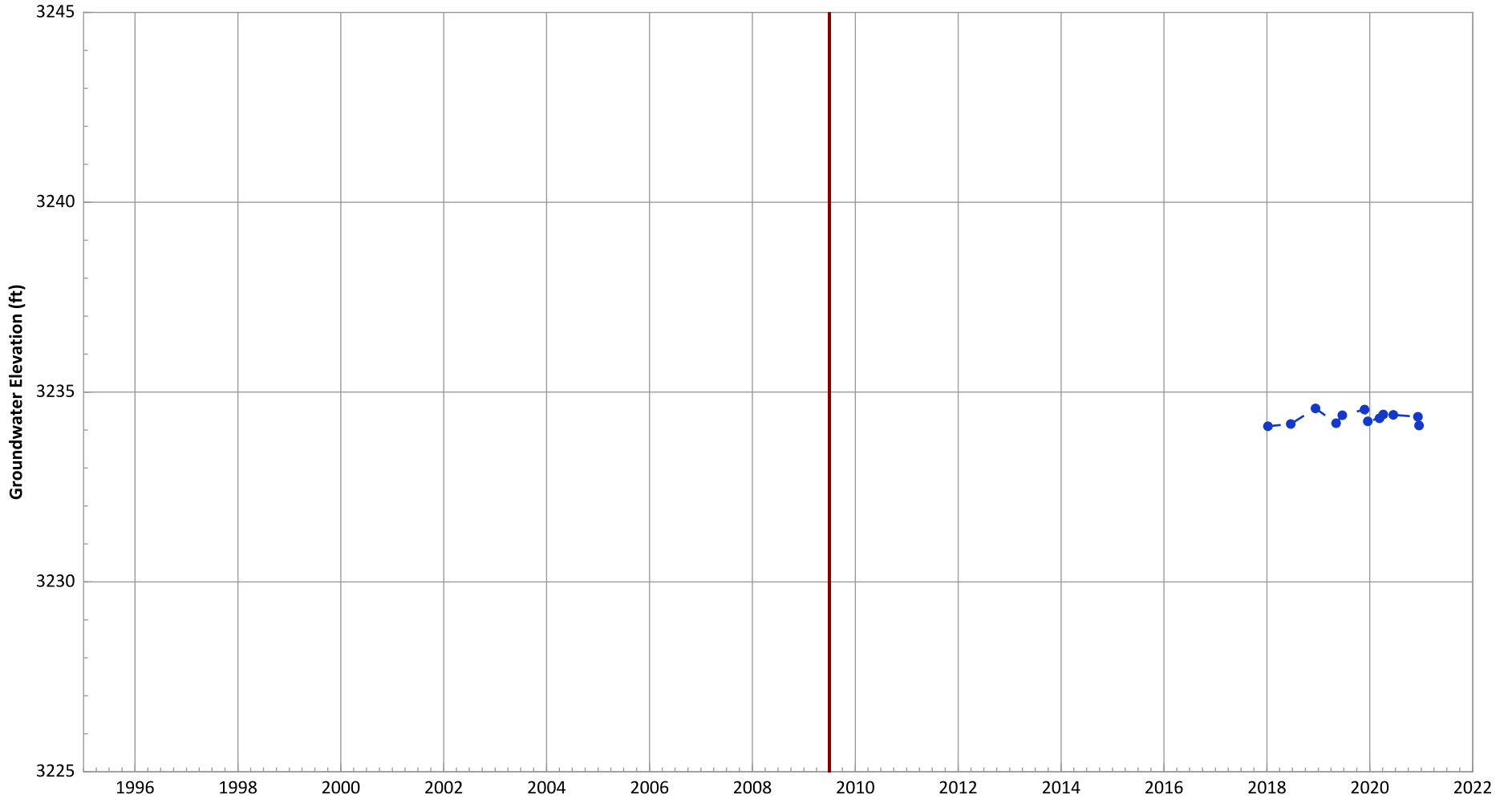
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.1 ft/yr
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- - - Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

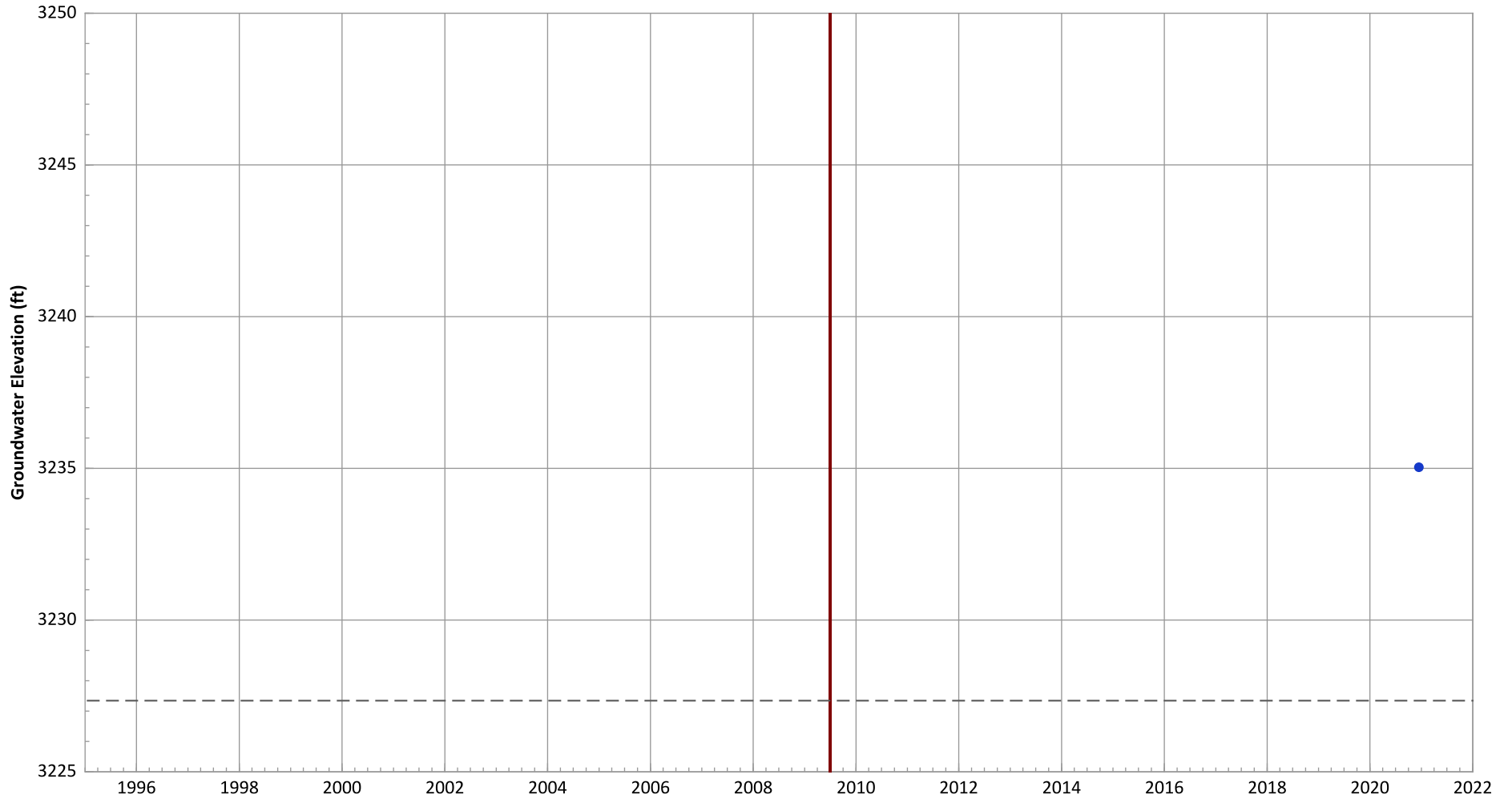
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

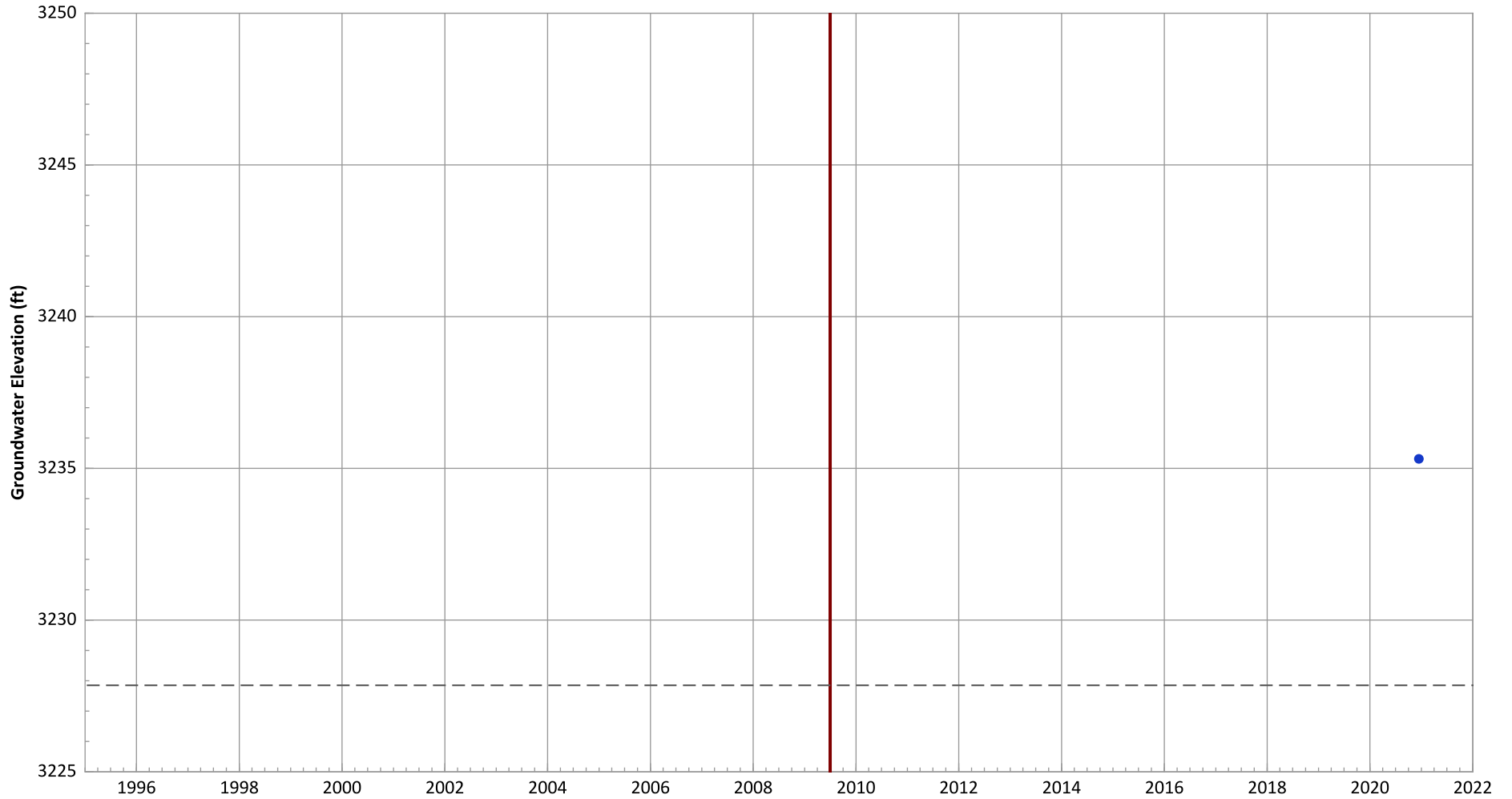
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

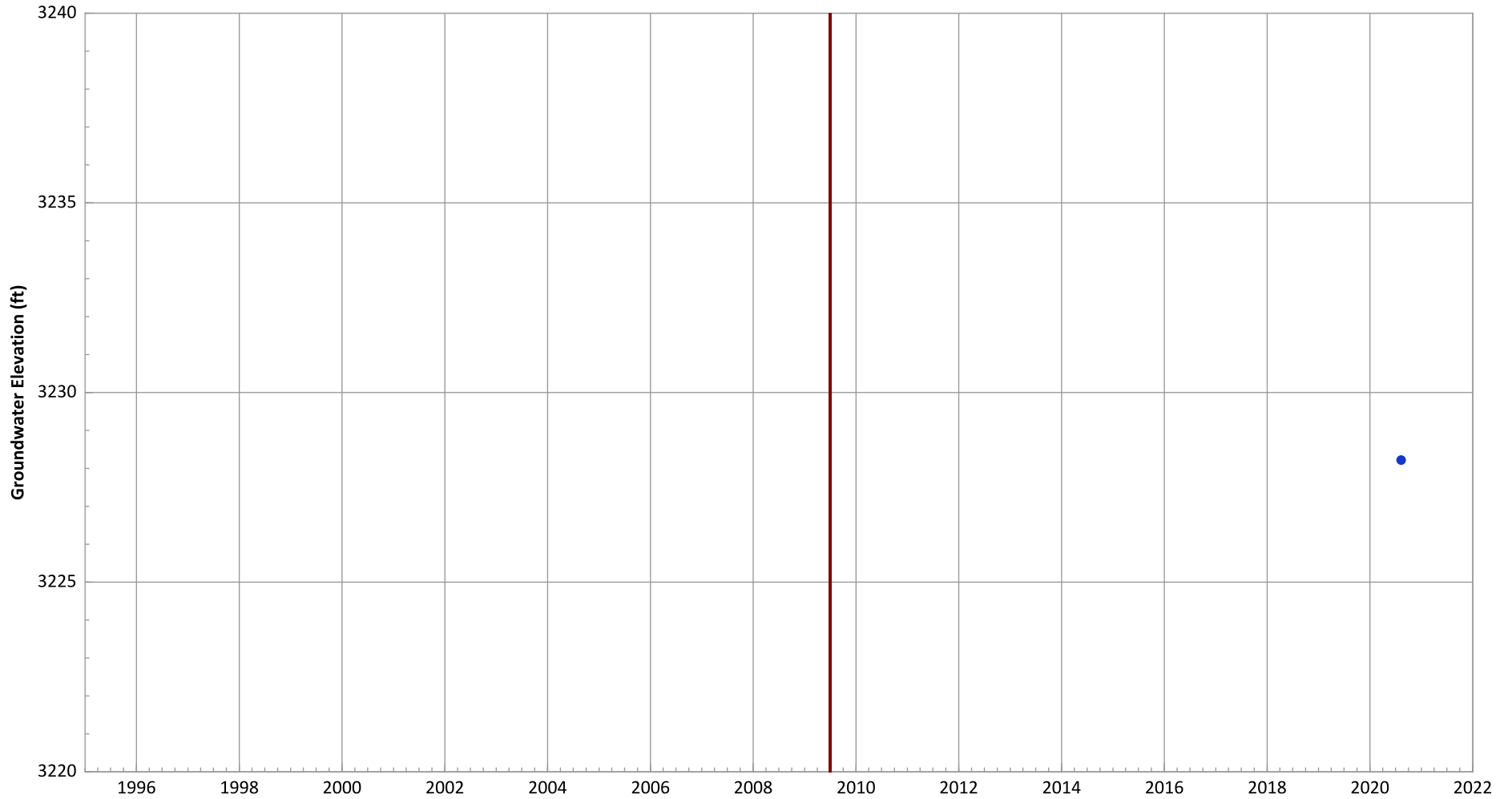
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

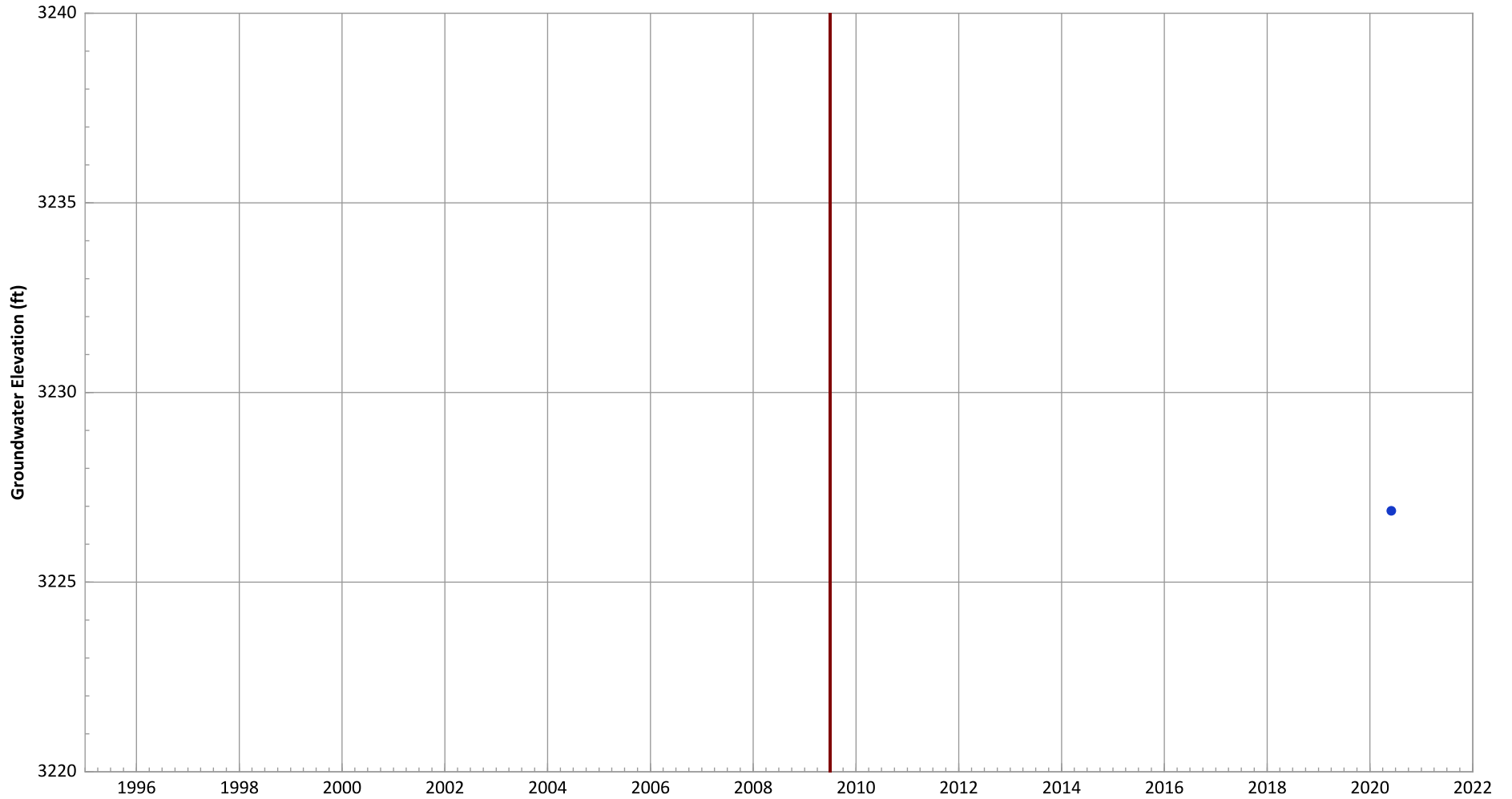
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX06-ISB402 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



Notes:

1. Top of screen elevation is 3225.46 ft msl.
2. The bottom of screen elevation is 3205.46 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- Start of Remedial Action

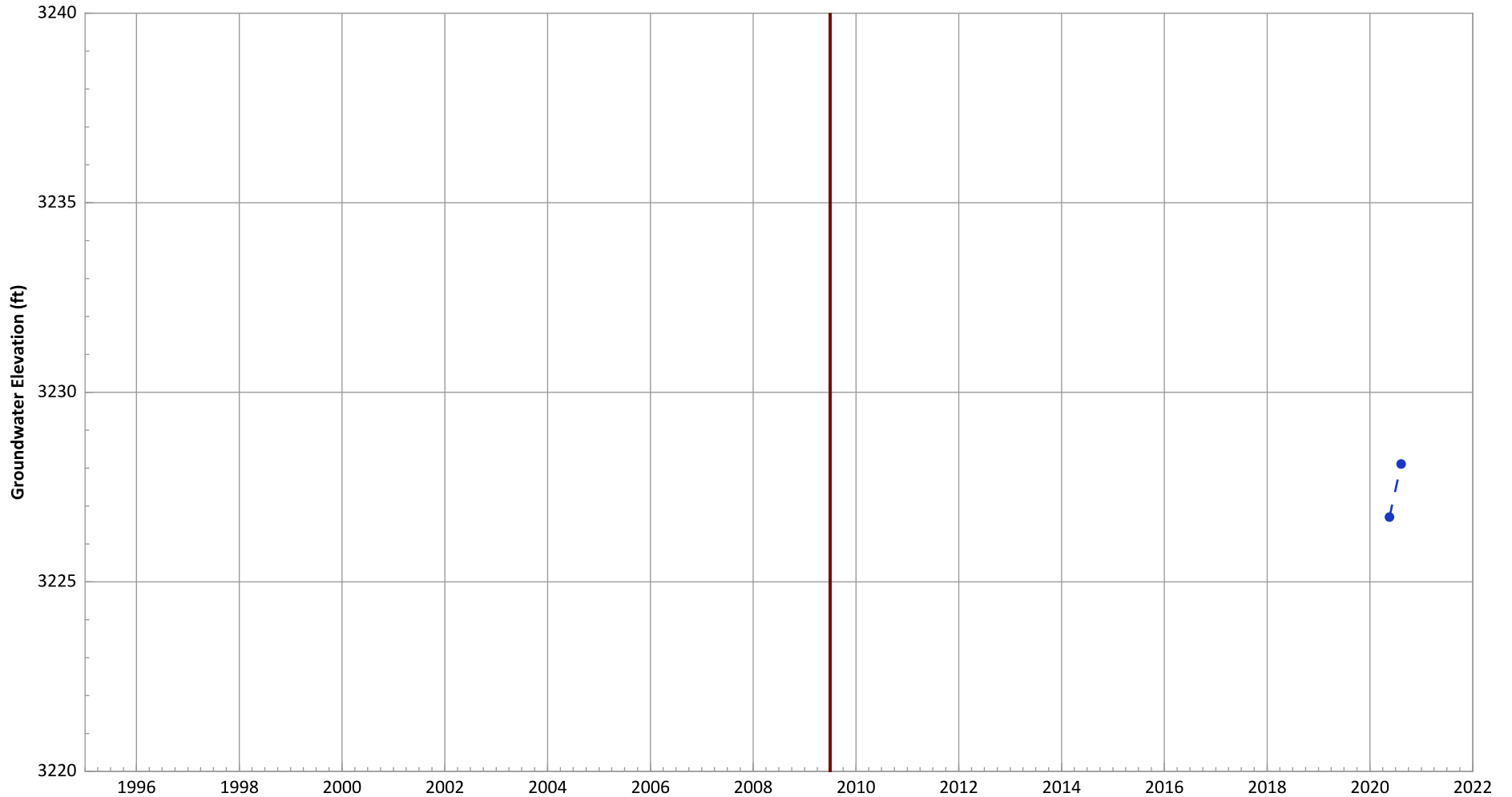
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

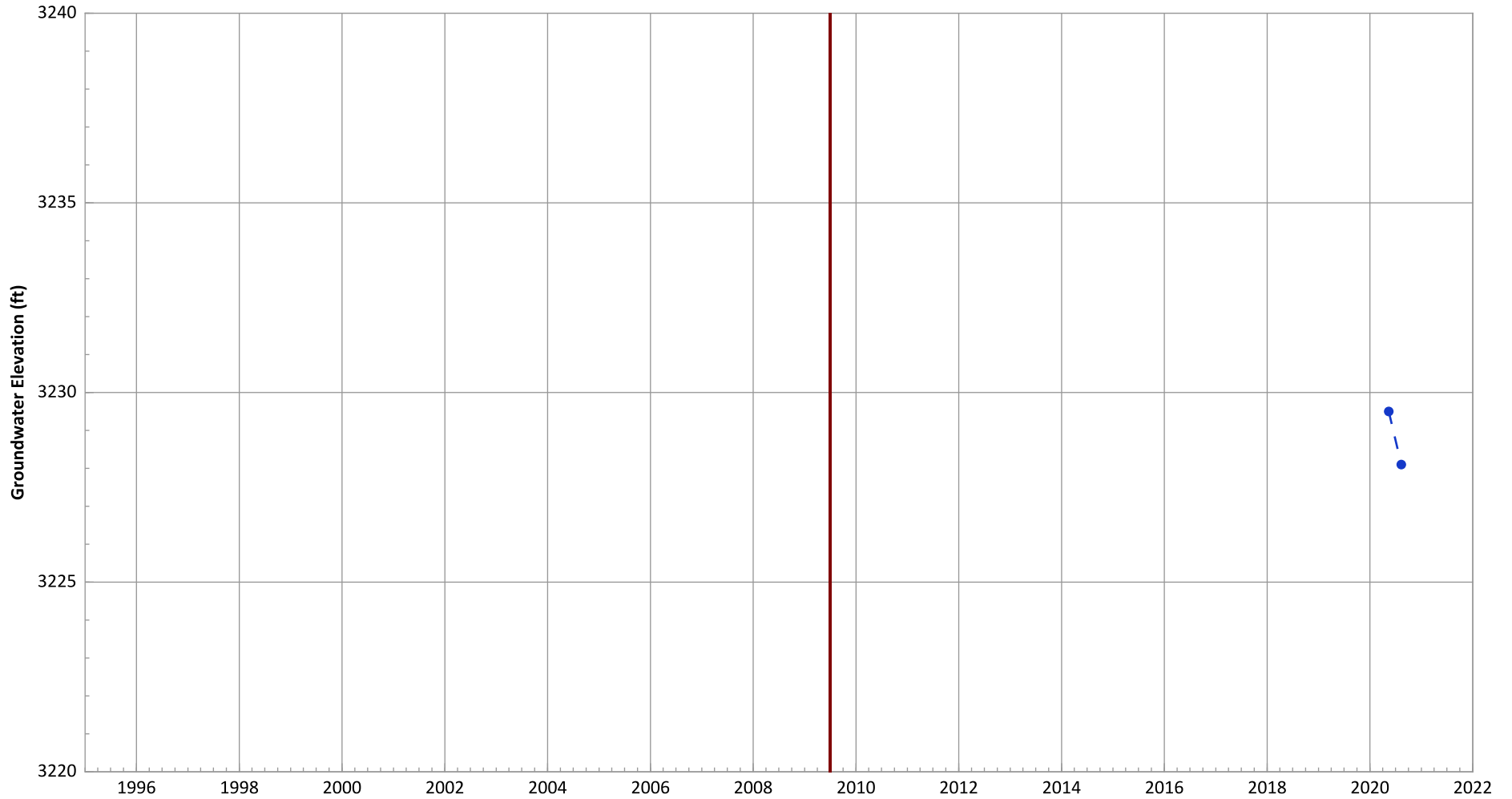
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2021): N/A (<3 Measurements)

PTX06-ISB406 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



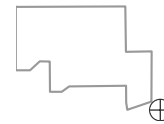
Notes:

1. Top of screen elevation is 3233.42 ft msl.
2. The bottom of screen elevation is 3213.42 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

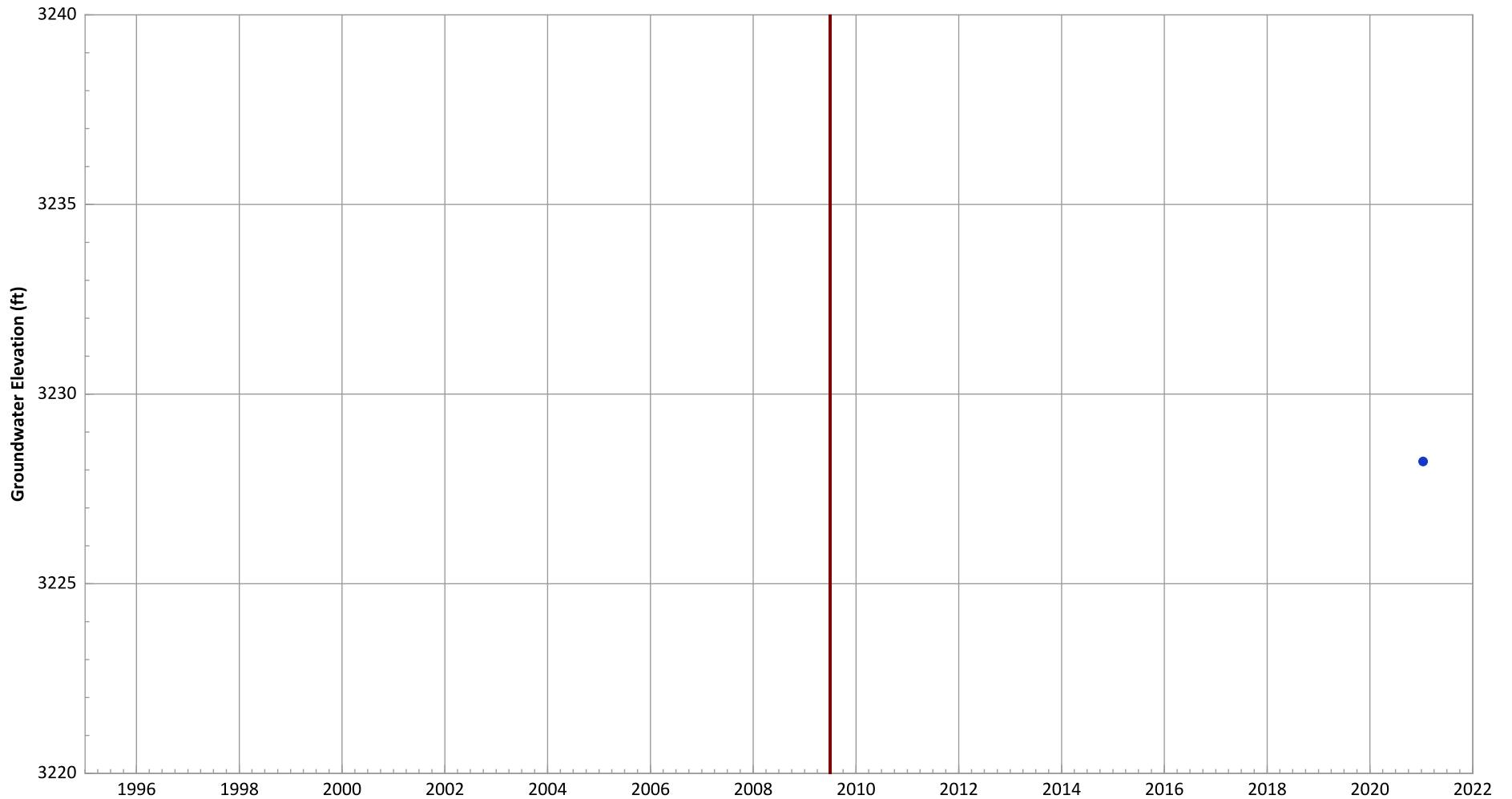
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2021): N/A (<3 Measurements)

PTX06-ISB407 Hydrograph in Perched Aquifer USDOE/NNSA Pantex Plant



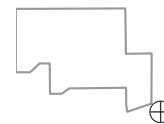
Notes:

- 1. Top of screen elevation is 3233.32 ft msl.
- 2. The bottom of screen elevation is 3213.32 ft msl.
- 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

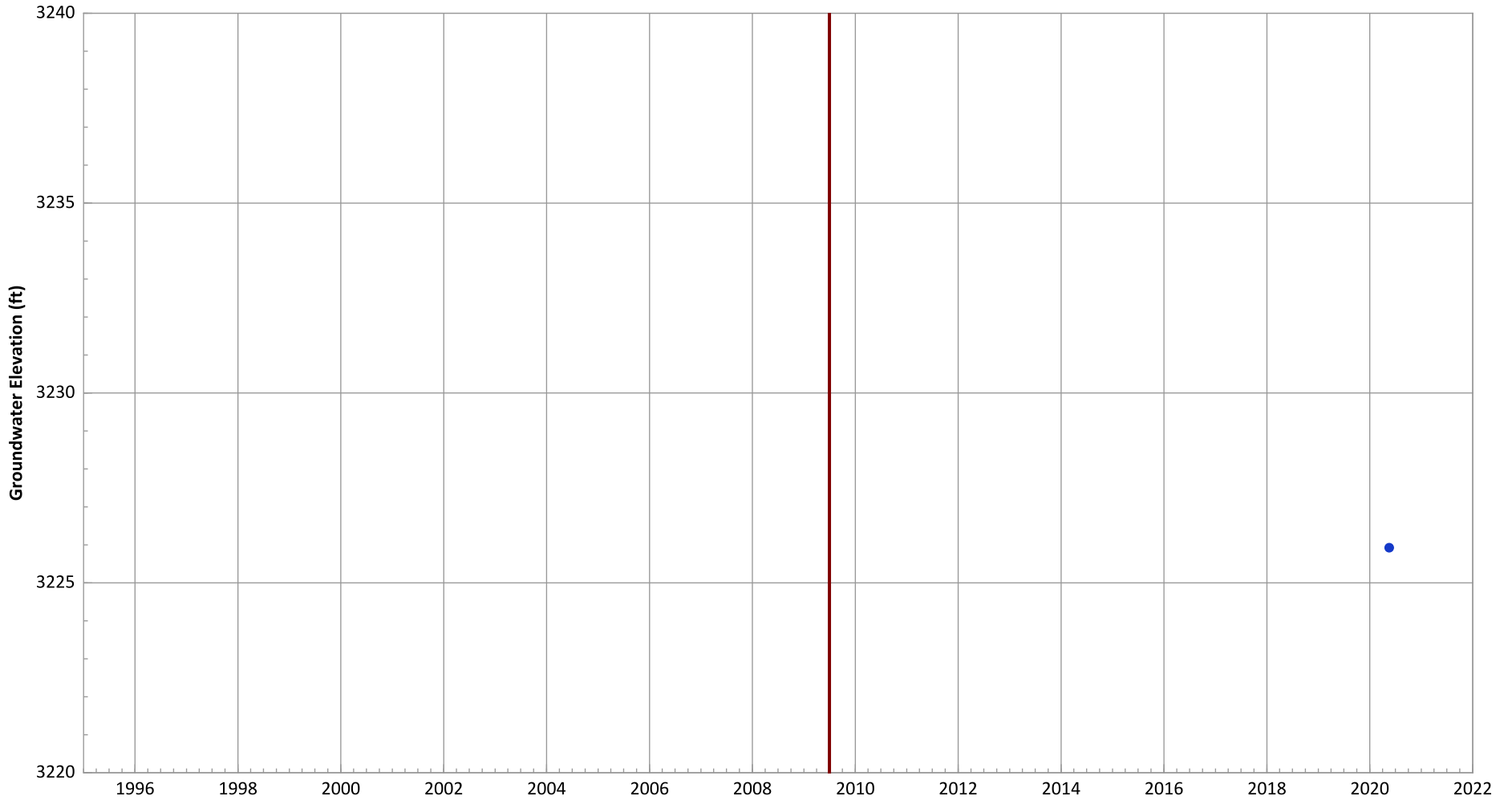
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

PTX06-ISB408 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



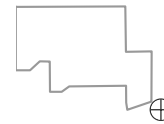
Notes:

1. Top of screen elevation is 3233.67 ft msl.
2. The bottom of screen elevation is 3213.67 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- Start of Remedial Action

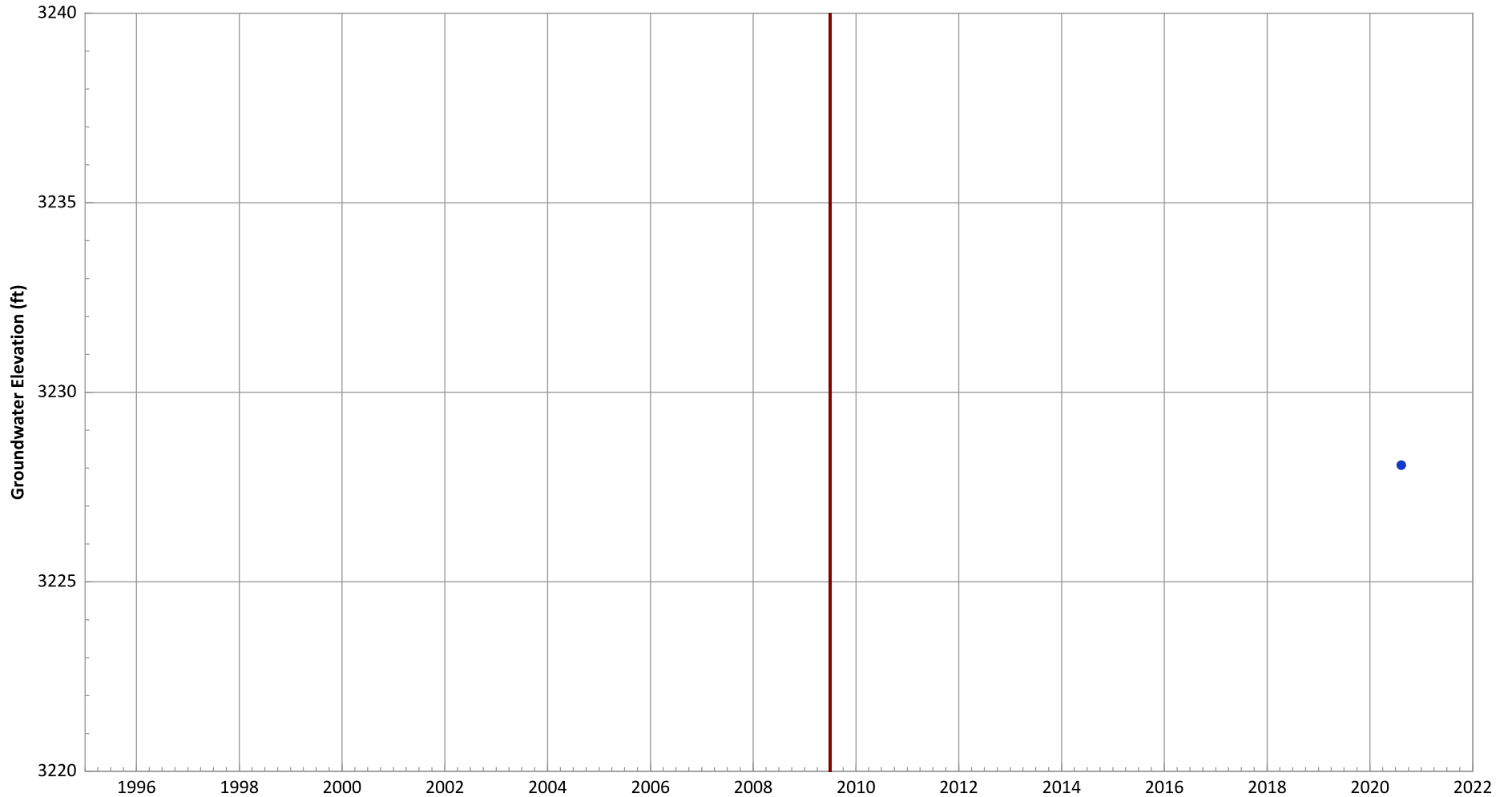
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX06-ISB409 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



Notes:

1. Top of screen elevation is 3229.74 ft msl.
 2. The bottom of screen elevation is 3212.74 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

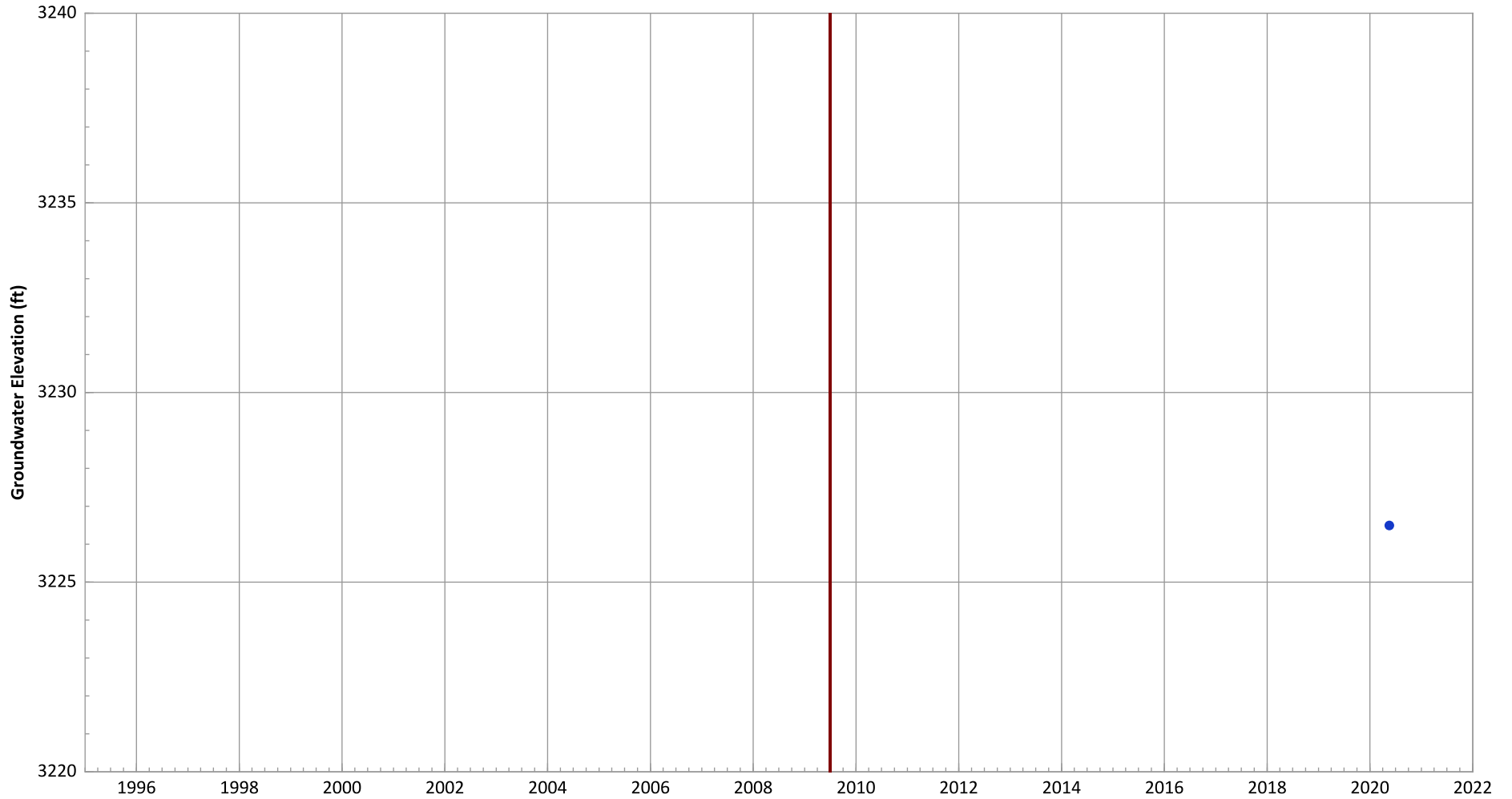
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX06-ISB410 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

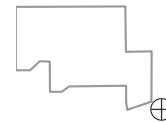


Notes:

1. Top of screen elevation is 3237.87 ft msl.
 2. The bottom of screen elevation is 3217.87 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

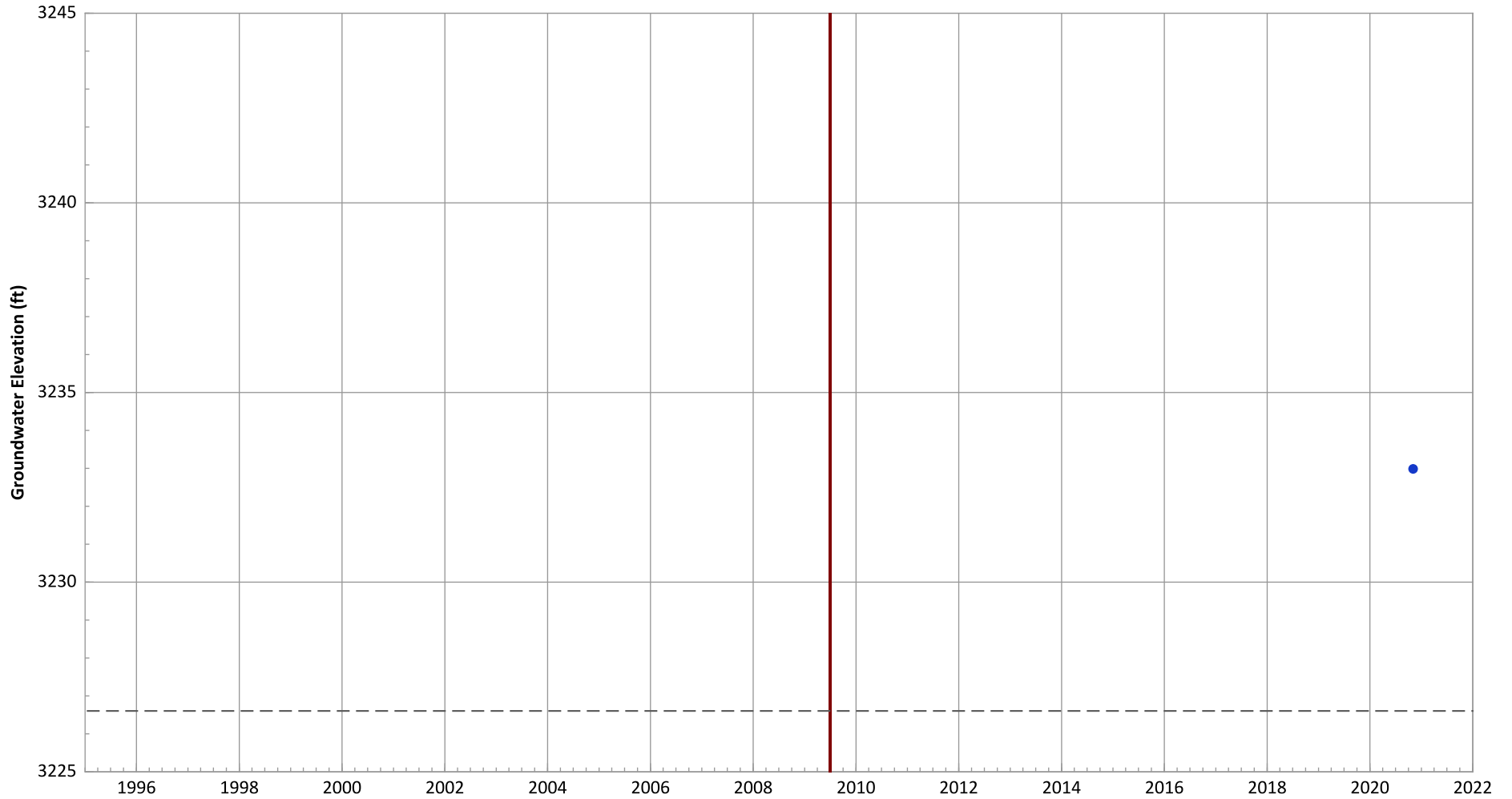
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

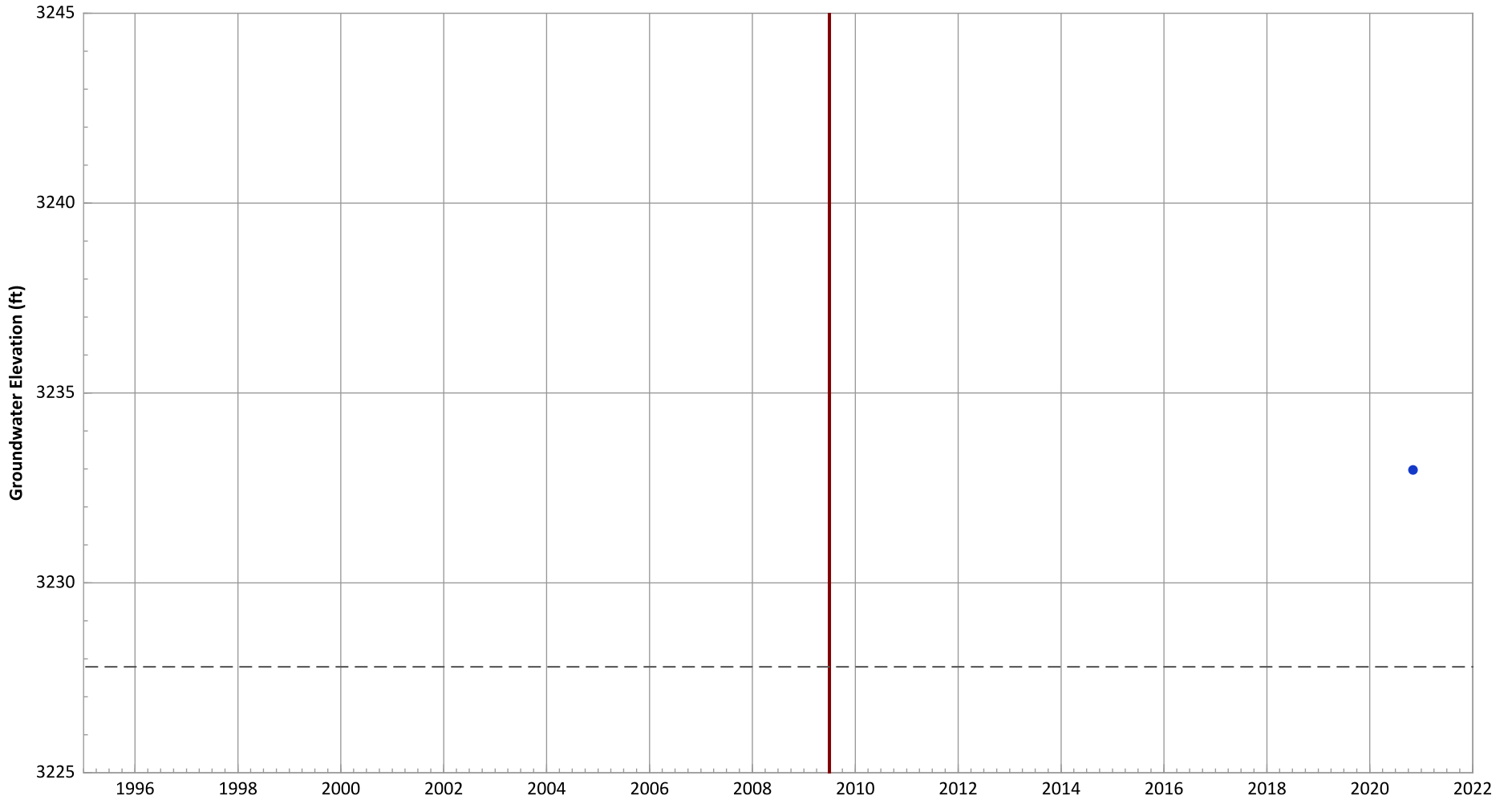
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

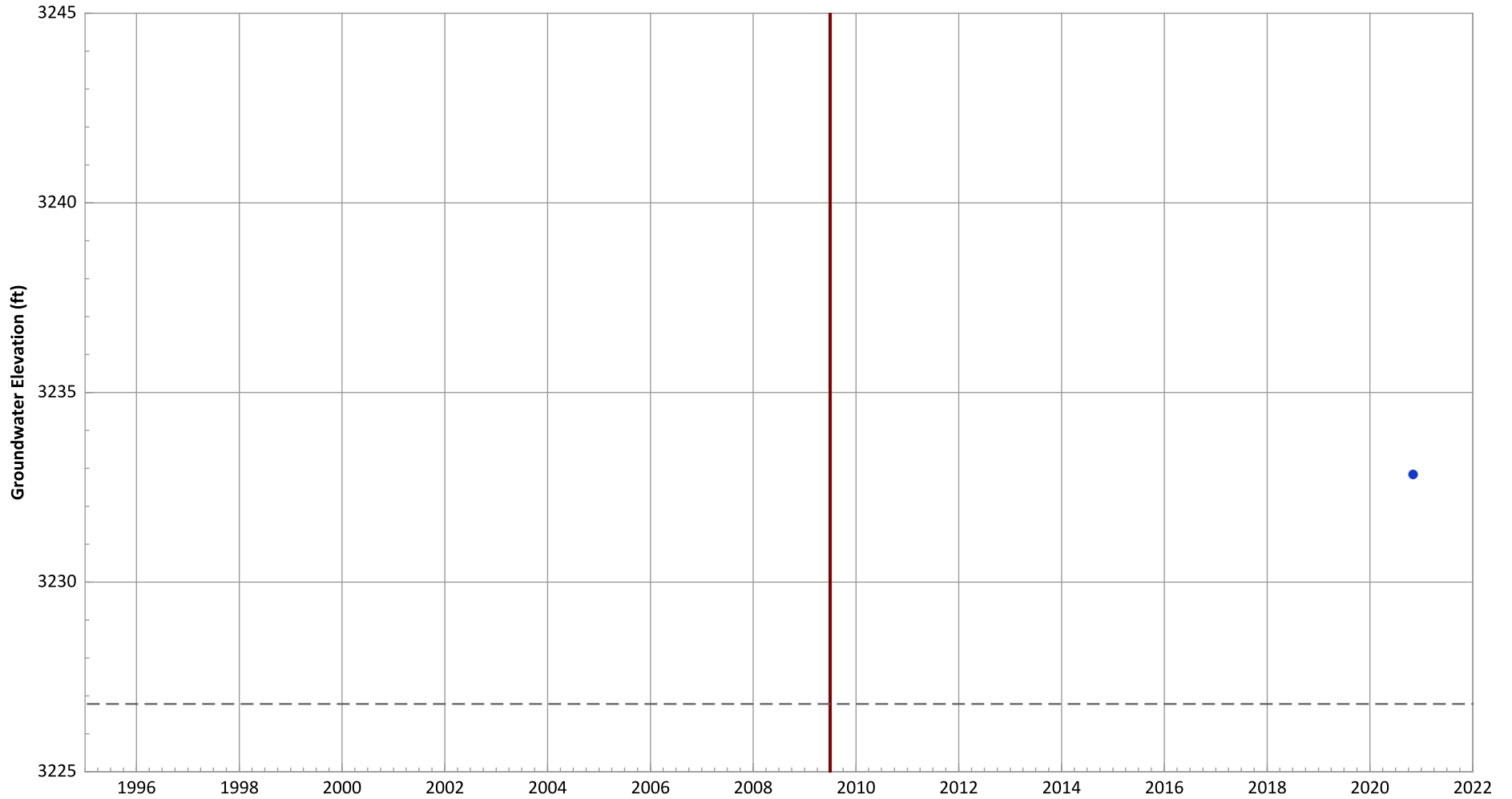
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

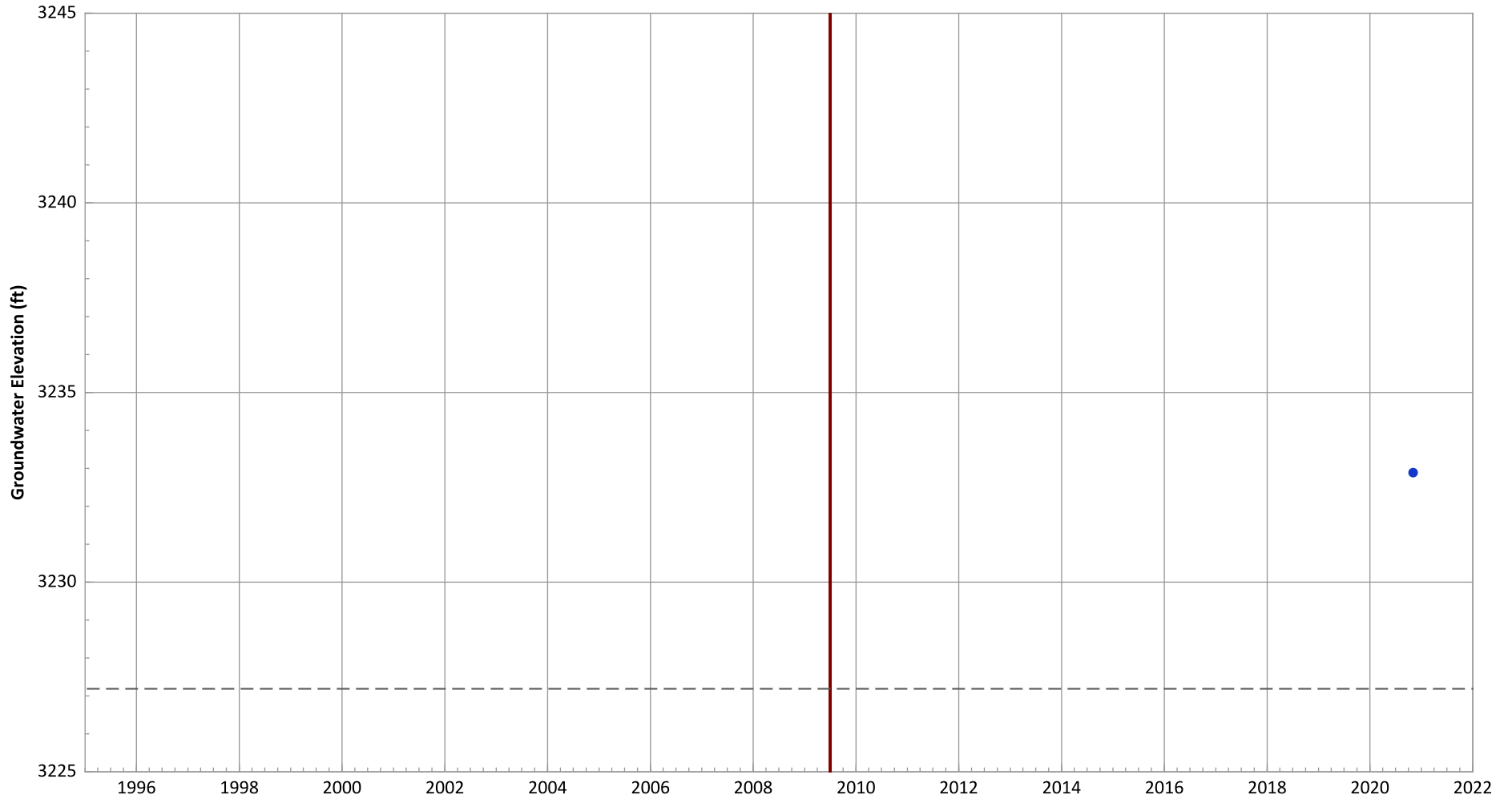
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

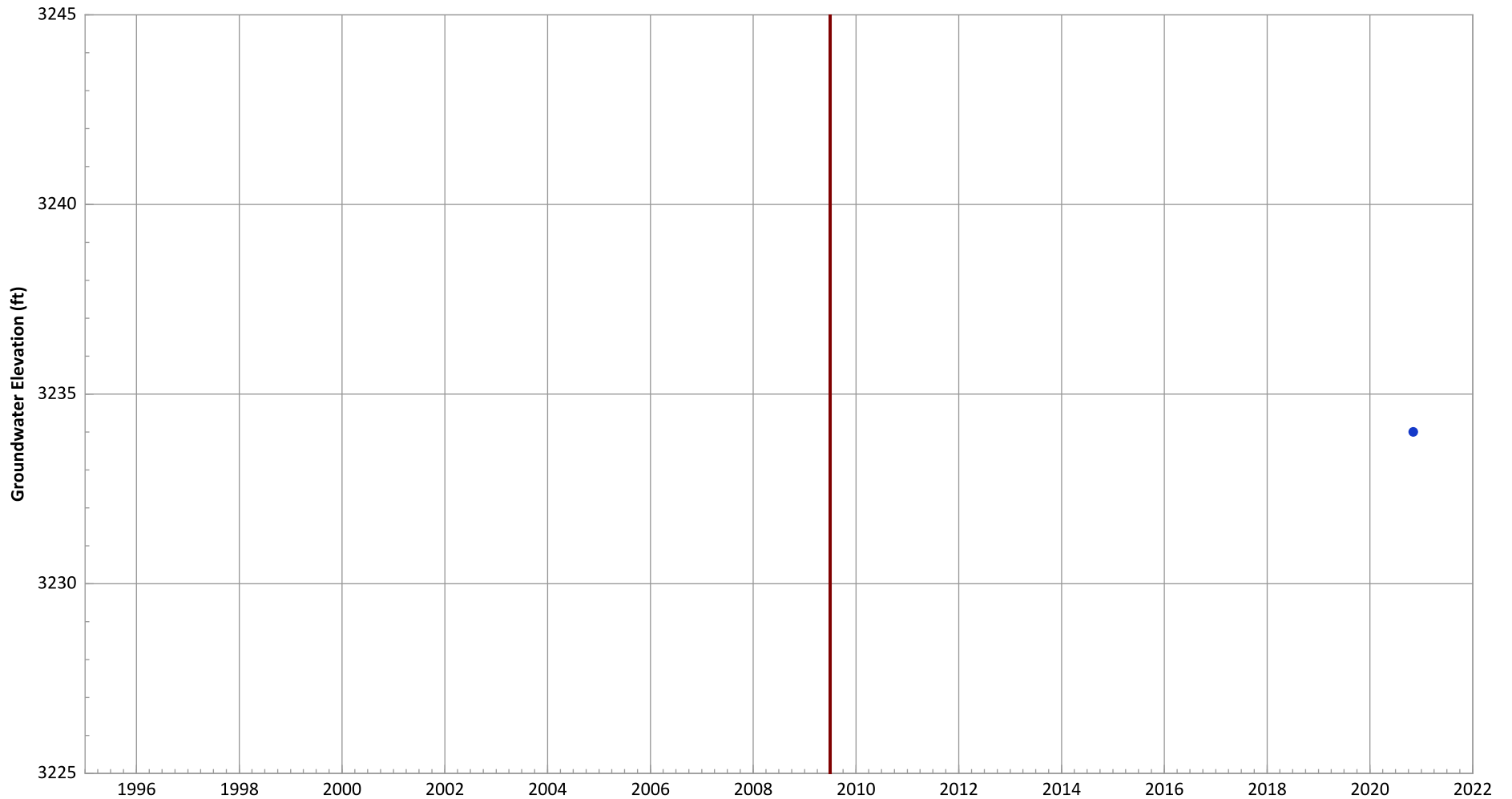
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

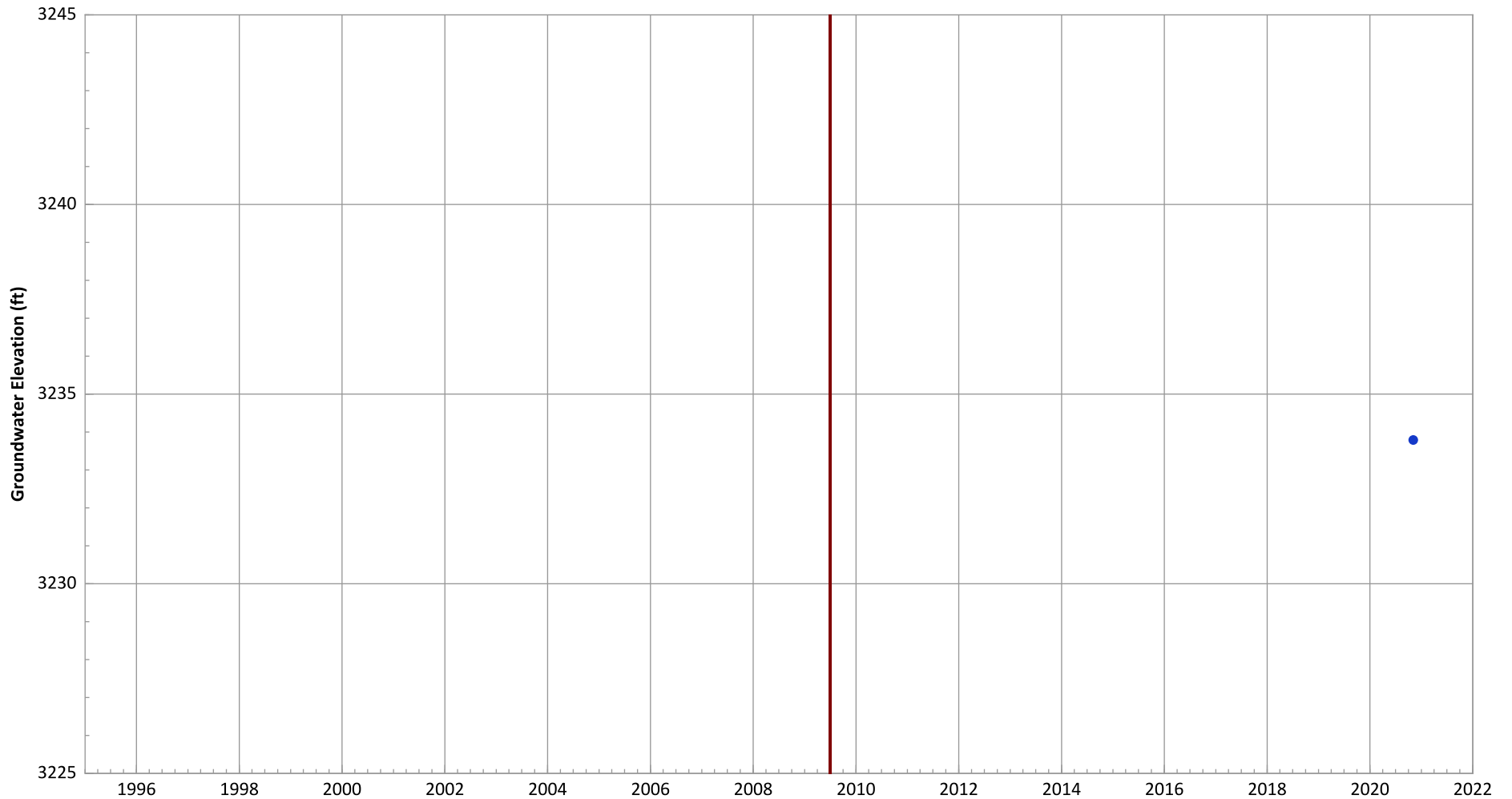
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

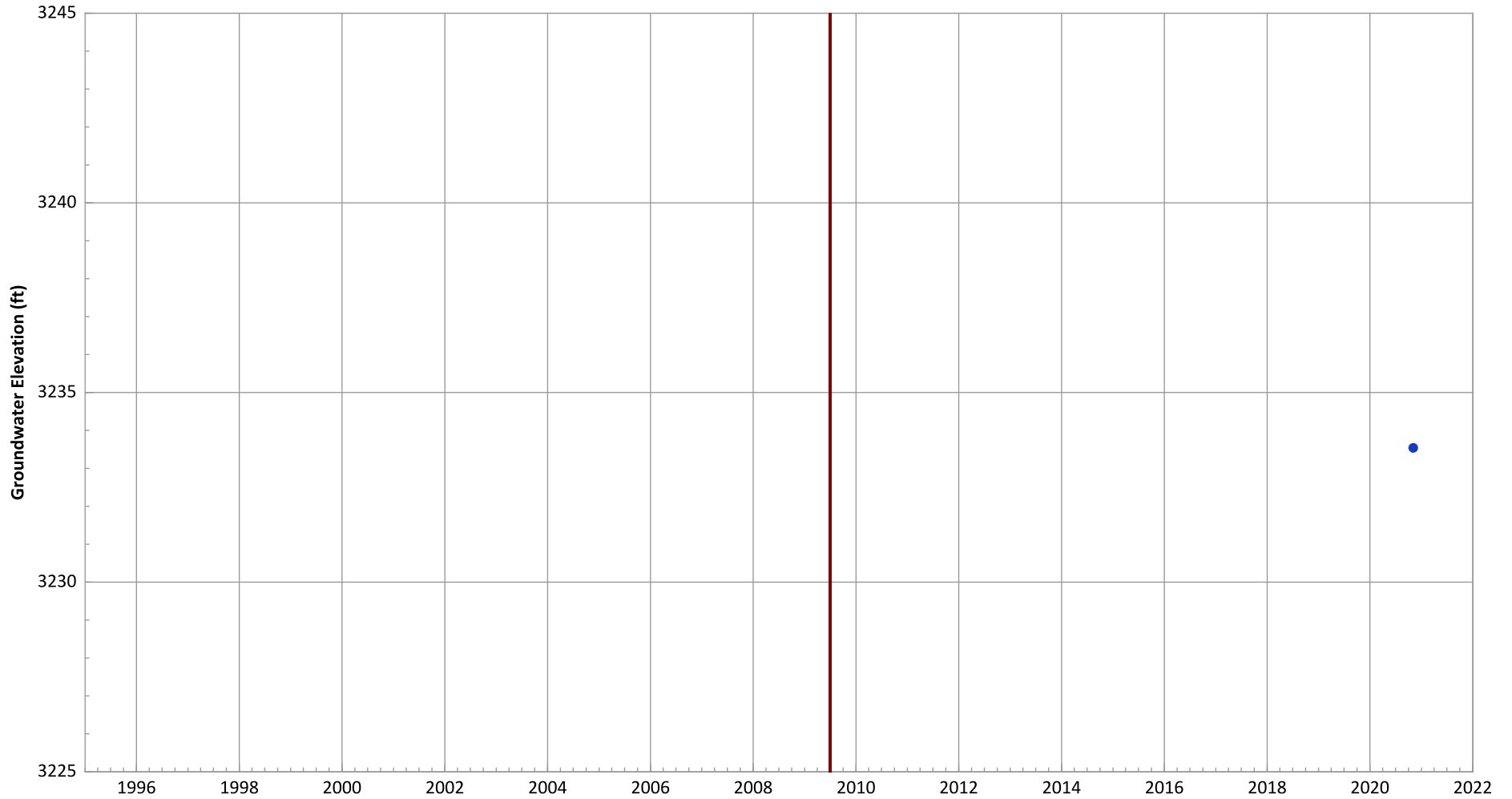
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

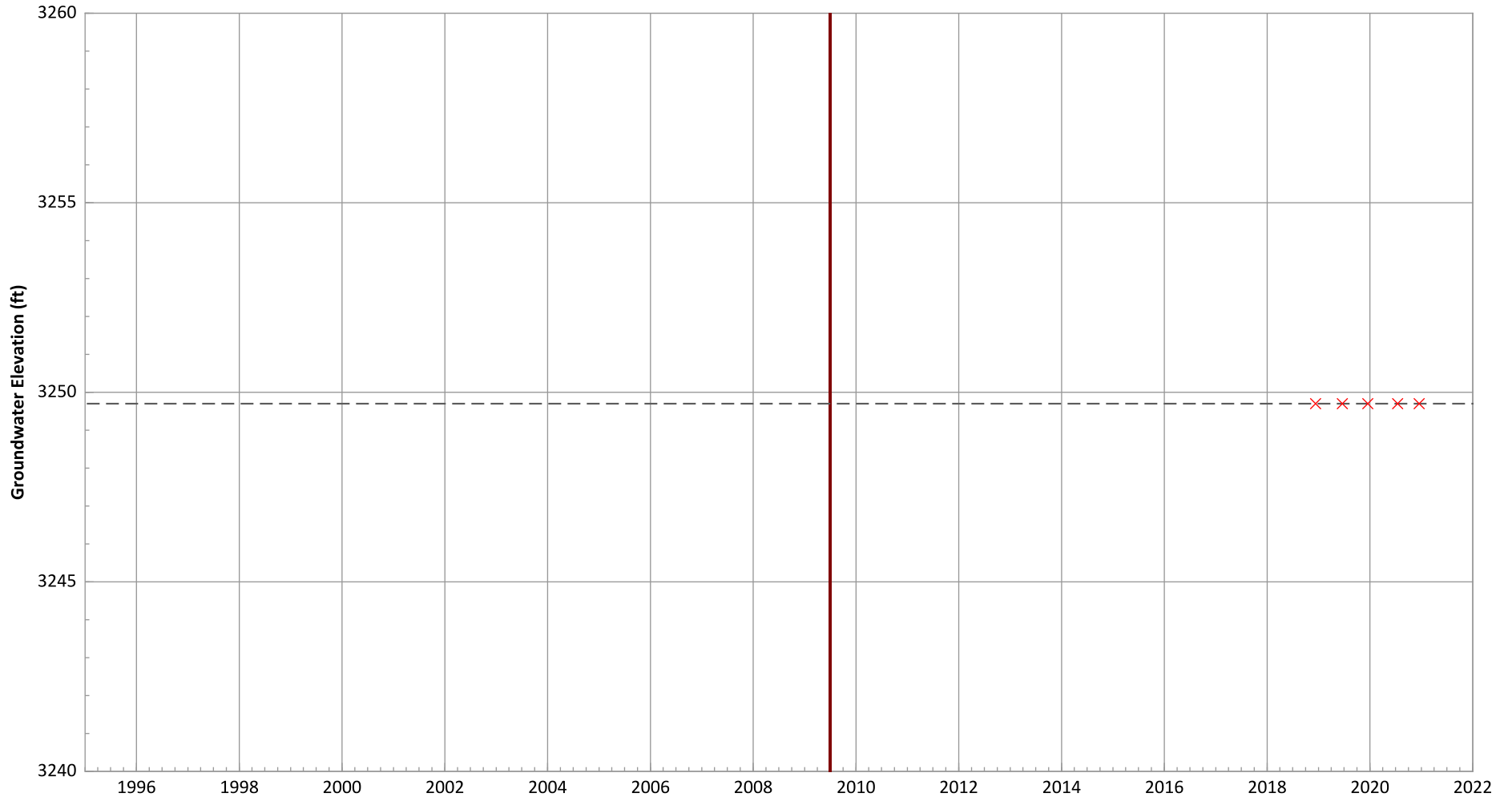
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX06-PRB14 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

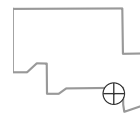


Notes:

1. Top of screen elevation is 3261.7 ft msl.
 2. The bottom of screen elevation is 3249.7 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

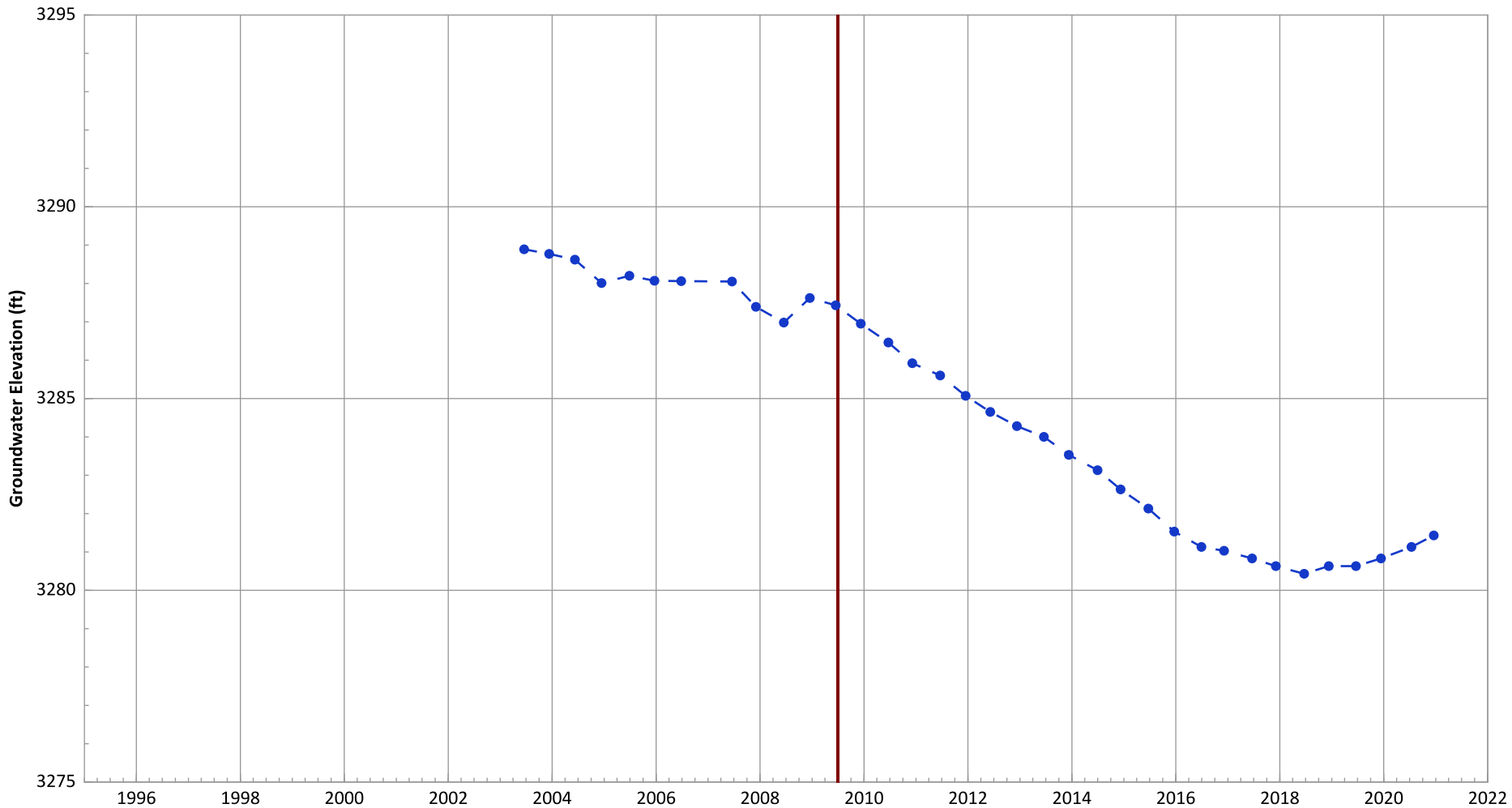
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX06-PZ01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

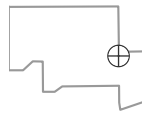


Notes:

1. Top of screen elevation is 3288.44 ft msl.
 2. The bottom of screen elevation is 3269.44 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

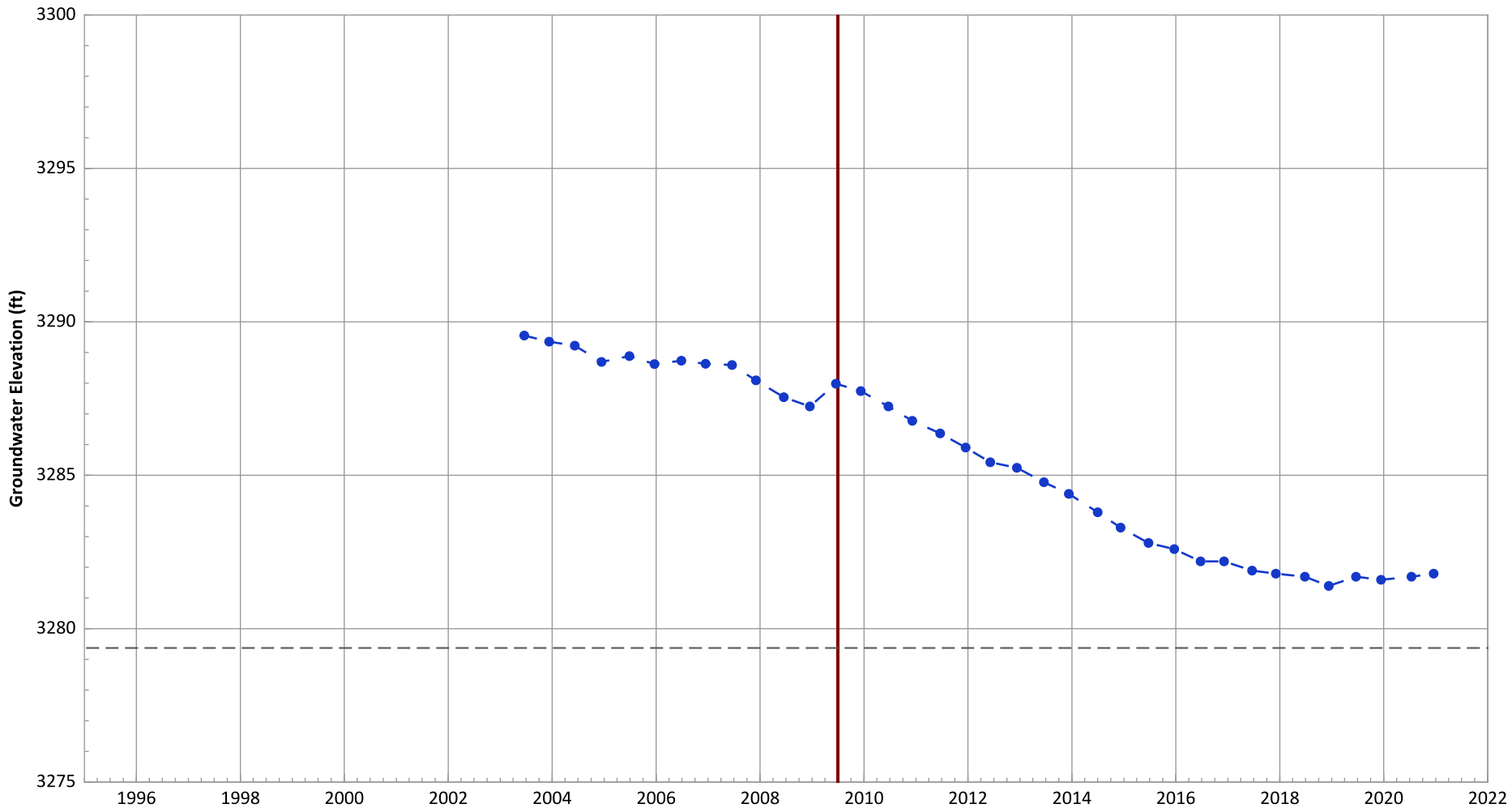
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.53 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.59 ft/yr

**PTX06-PZ02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

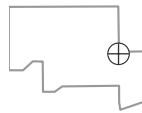


Notes:

1. Top of screen elevation is 3303.87 ft msl.
 2. The bottom of screen elevation is 3279.37 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

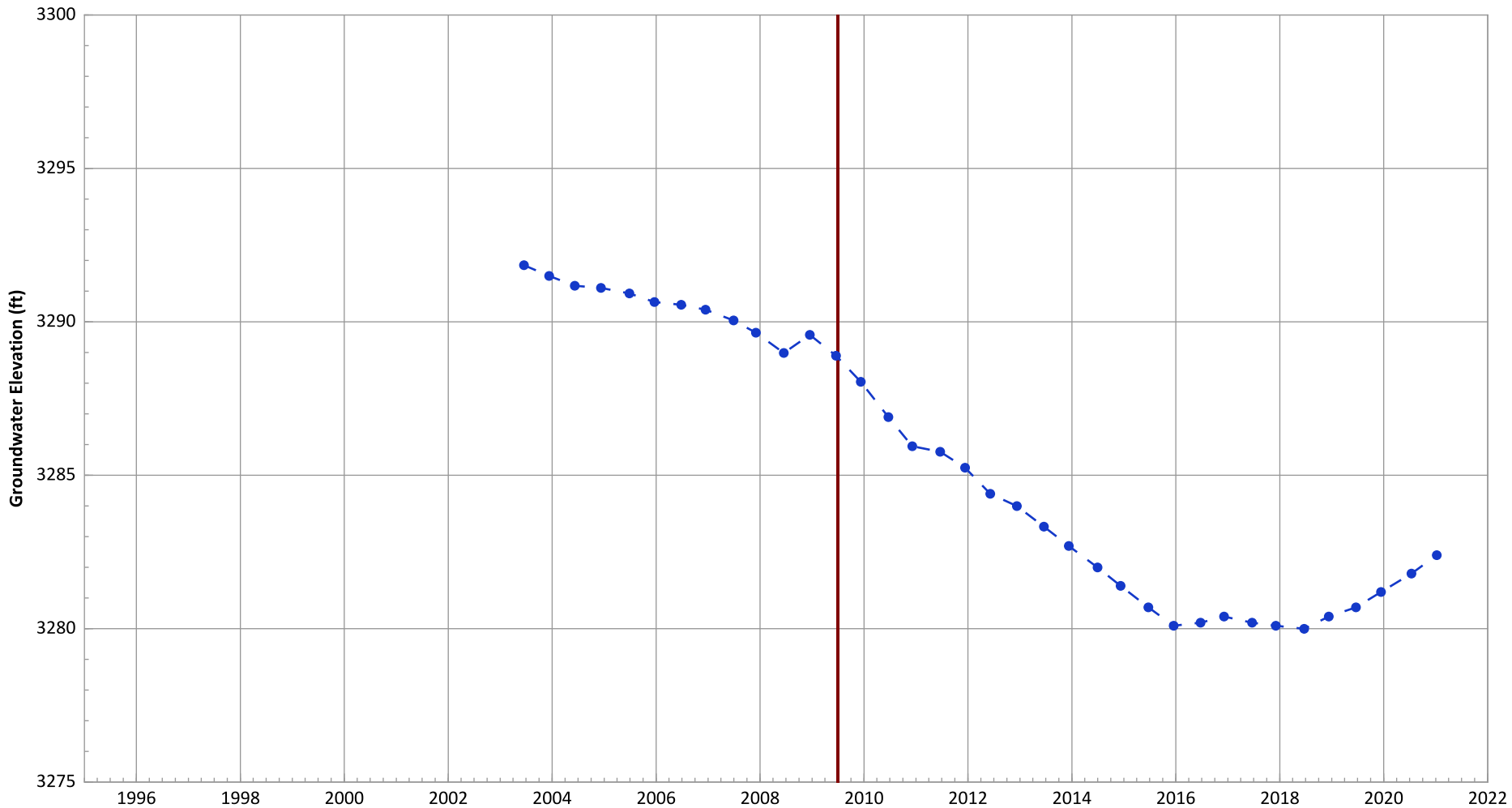
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.59 ft/yr

PTX06-PZ03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

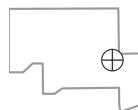


Notes:

1. Top of screen elevation is 3294.14 ft msl.
 2. The bottom of screen elevation is 3265.64 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

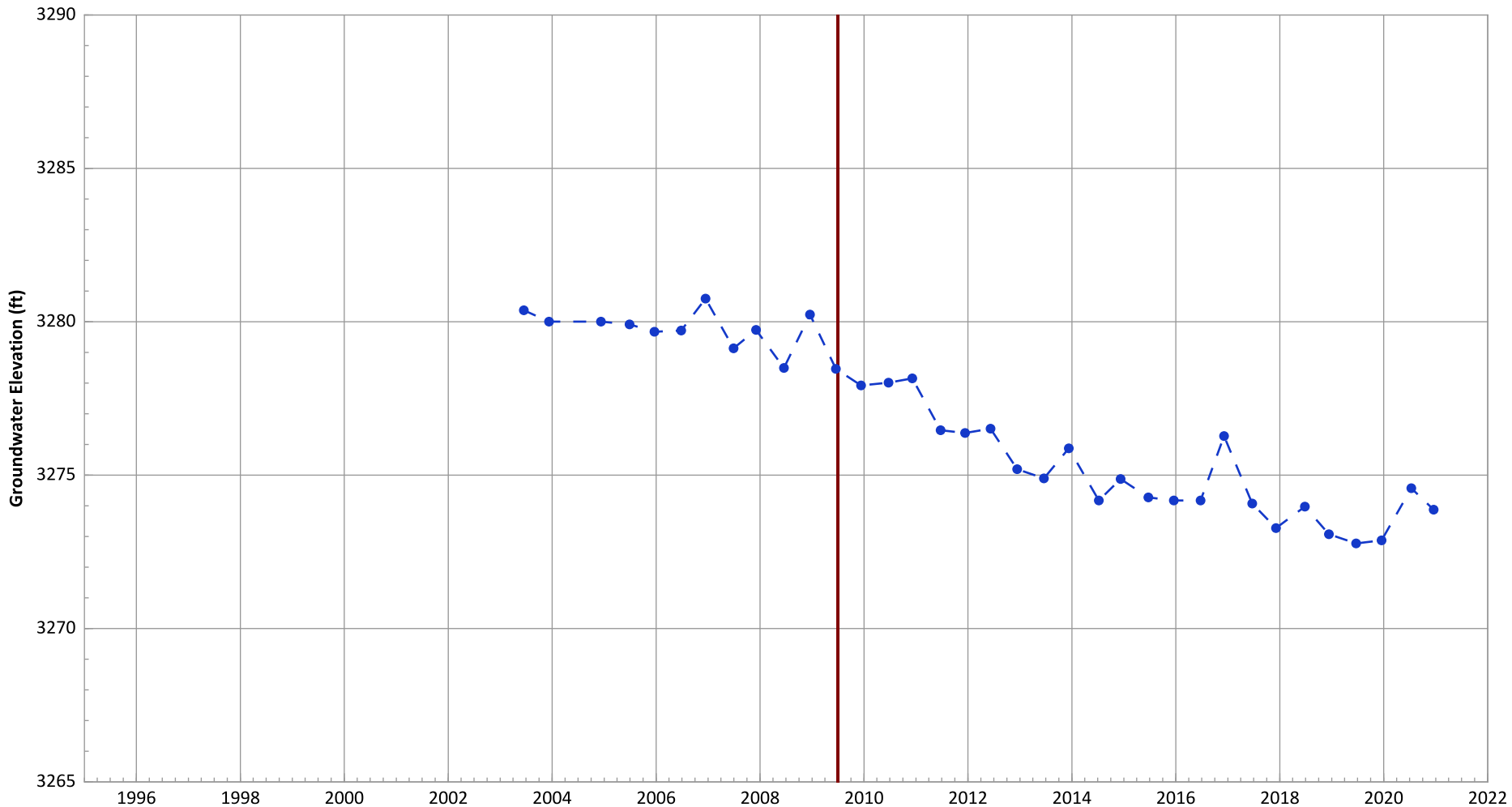
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 1.08 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.59 ft/yr

**PTX06-PZ05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

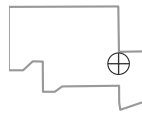


Notes:

1. Top of screen elevation is 3299.45 ft msl.
 2. The bottom of screen elevation is 3259.45 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

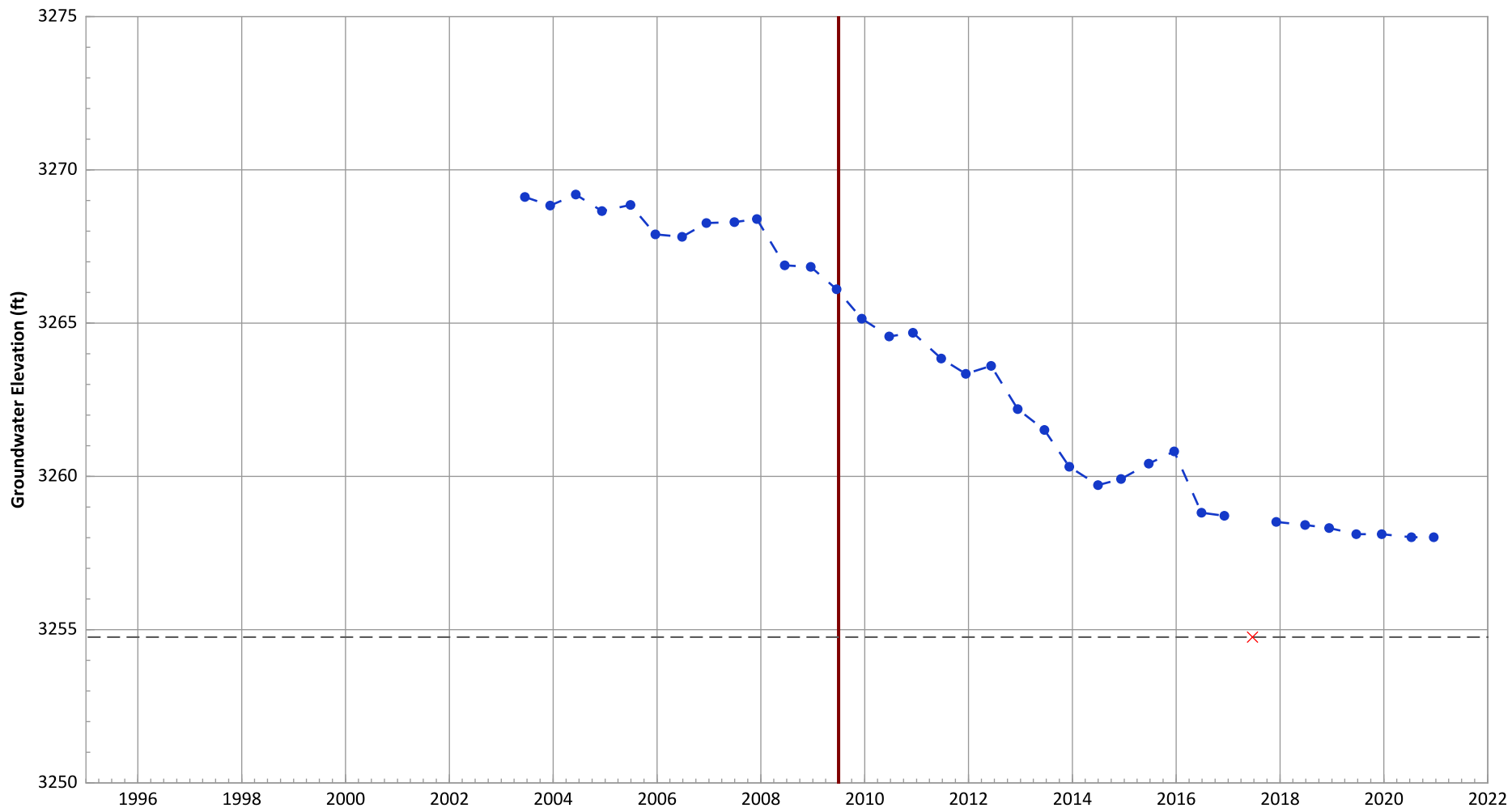
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.03 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.41 ft/yr

**PTX06-PZ06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

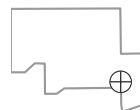


Notes:

1. Top of screen elevation is 3294.76 ft msl.
 2. The bottom of screen elevation is 3254.76 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

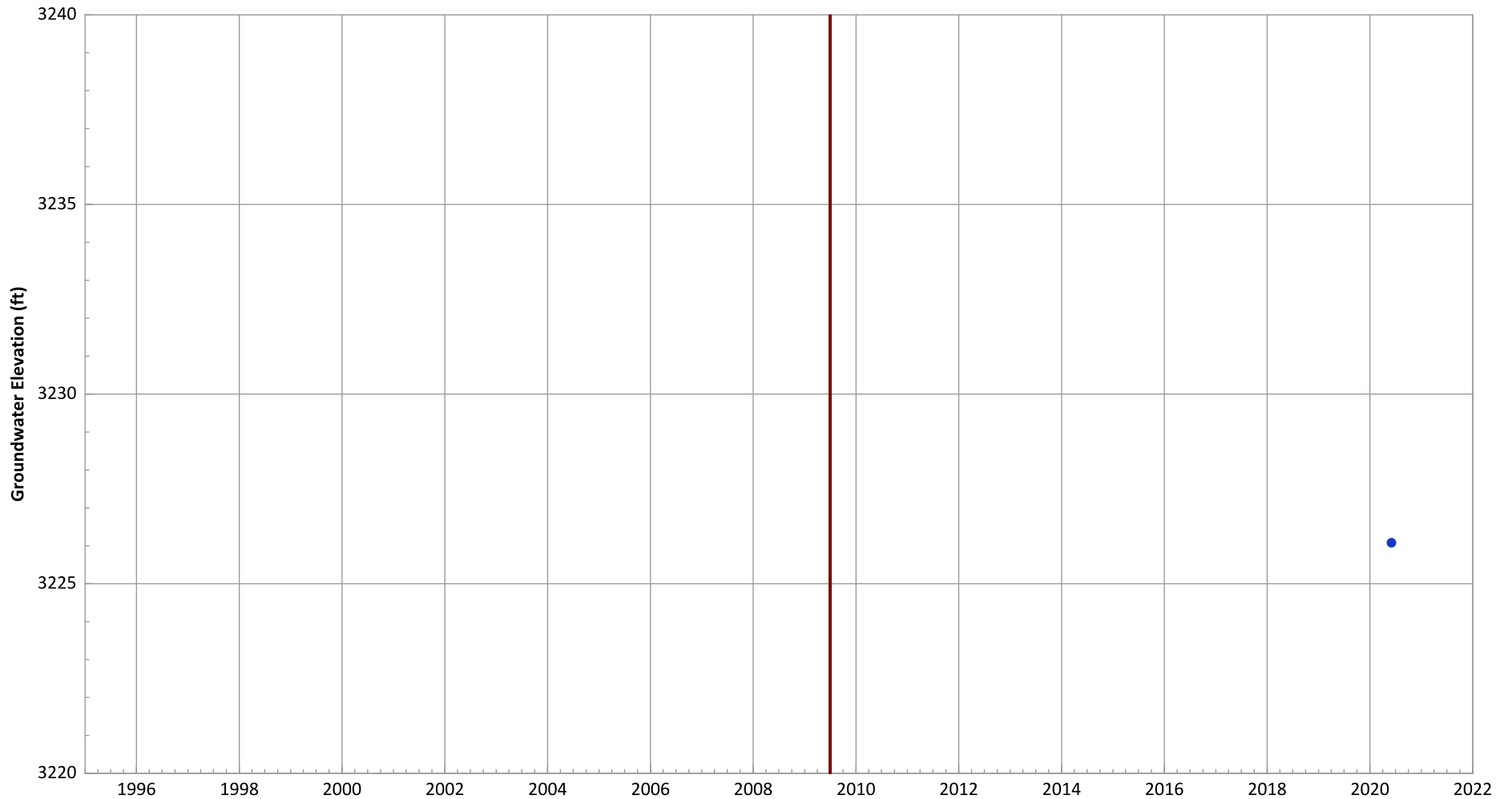
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.69 ft/yr

**PTX06-REC403 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



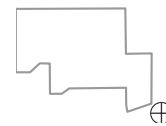
Notes:

1. Top of screen elevation is 3231.47 ft msl.
2. The bottom of screen elevation is 3211.47 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

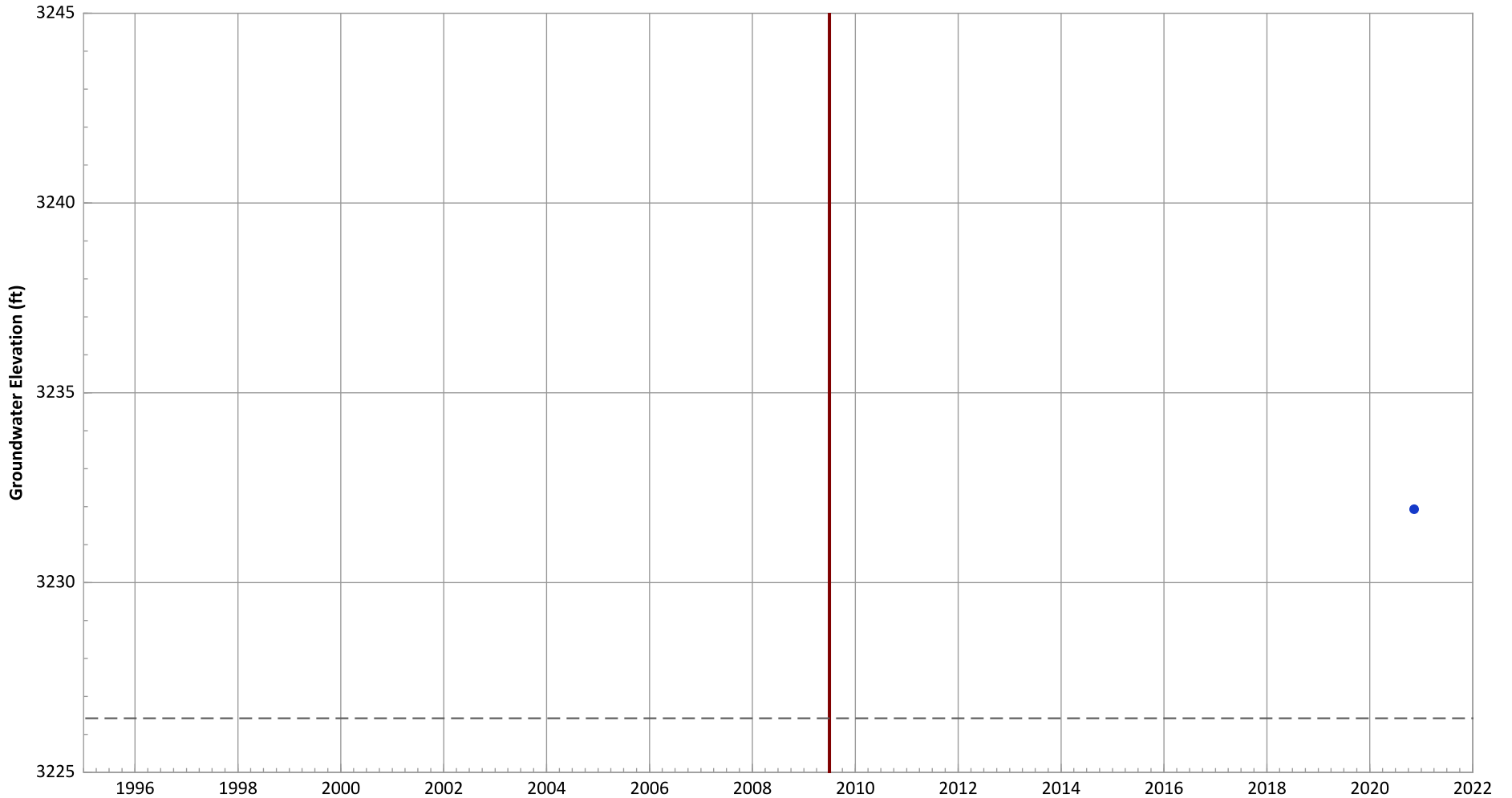
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX06-REC405 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

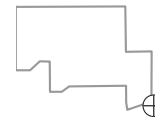


Notes:

1. Top of screen elevation is 3237.42 ft msl.
 2. The bottom of screen elevation is 3226.42 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

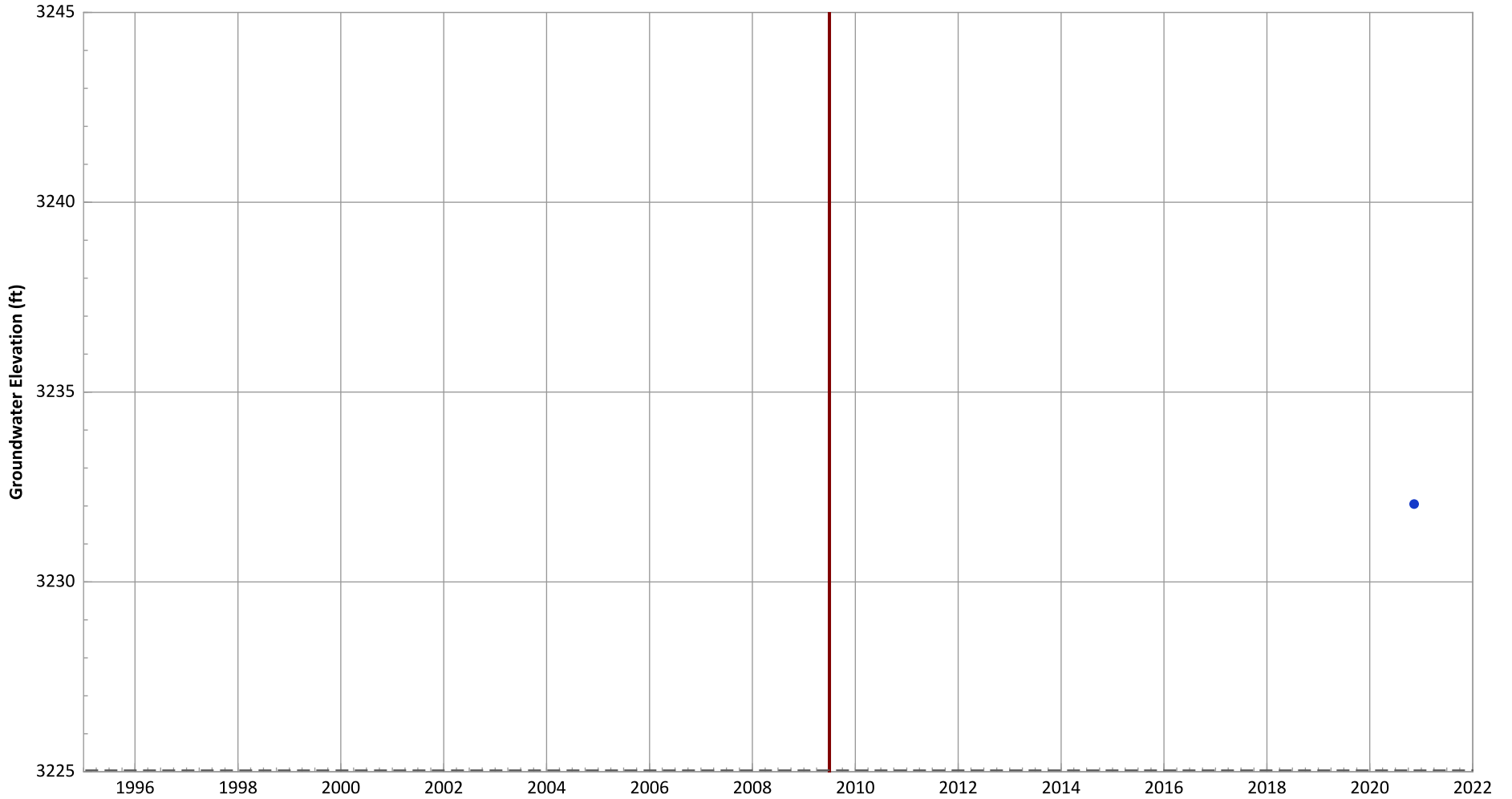
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

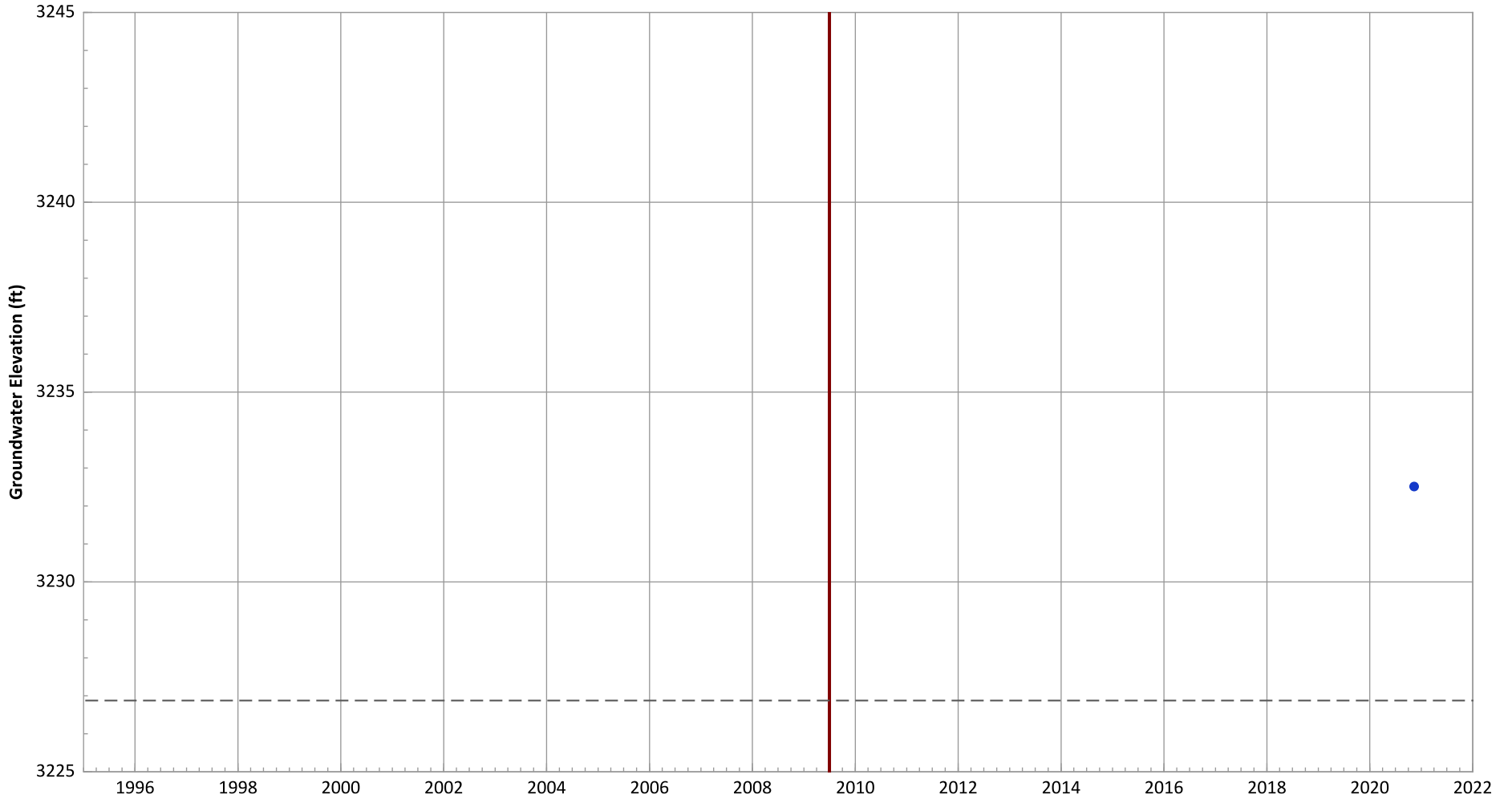
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: N/A (No Measurements)
Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

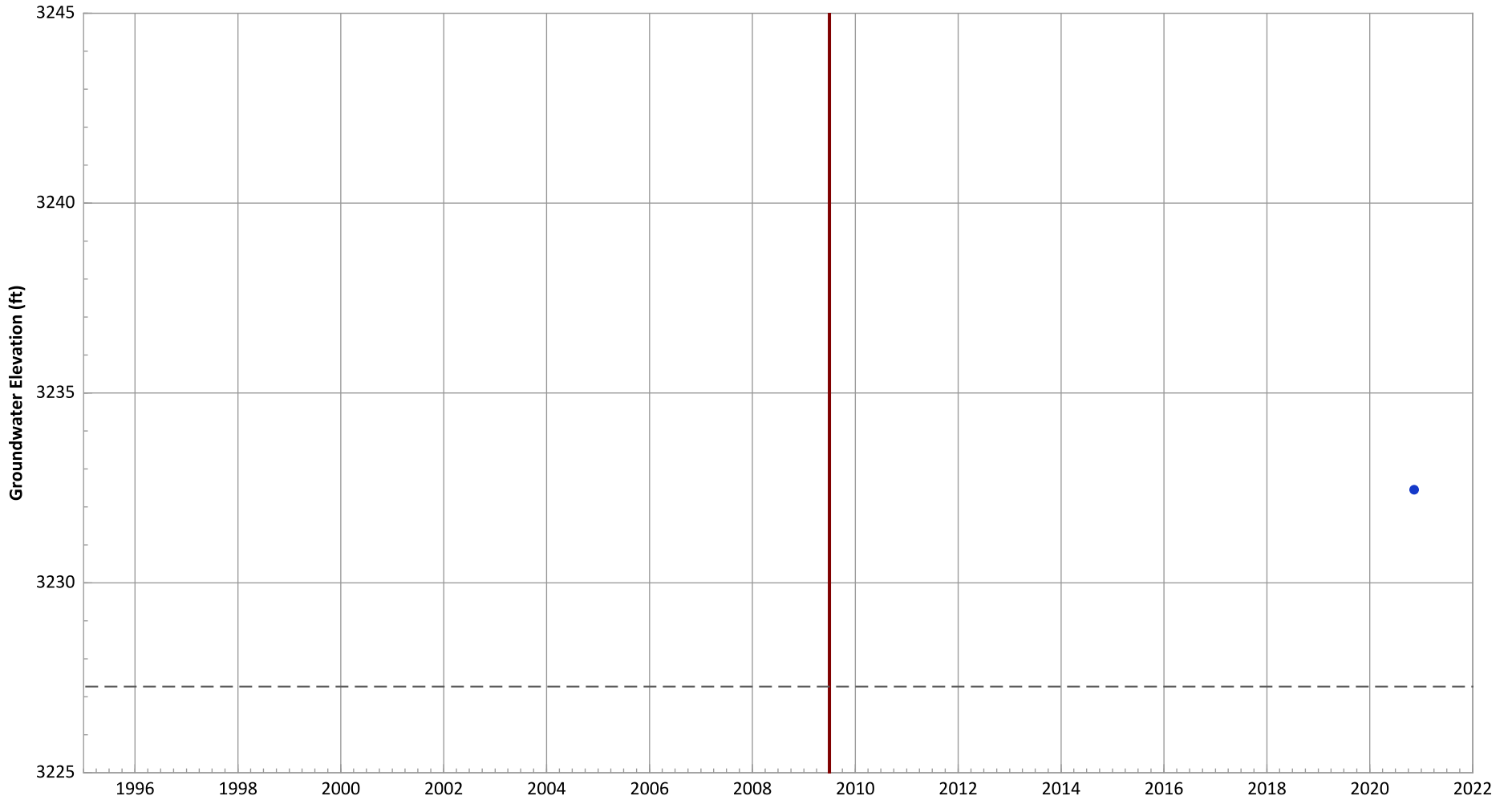
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

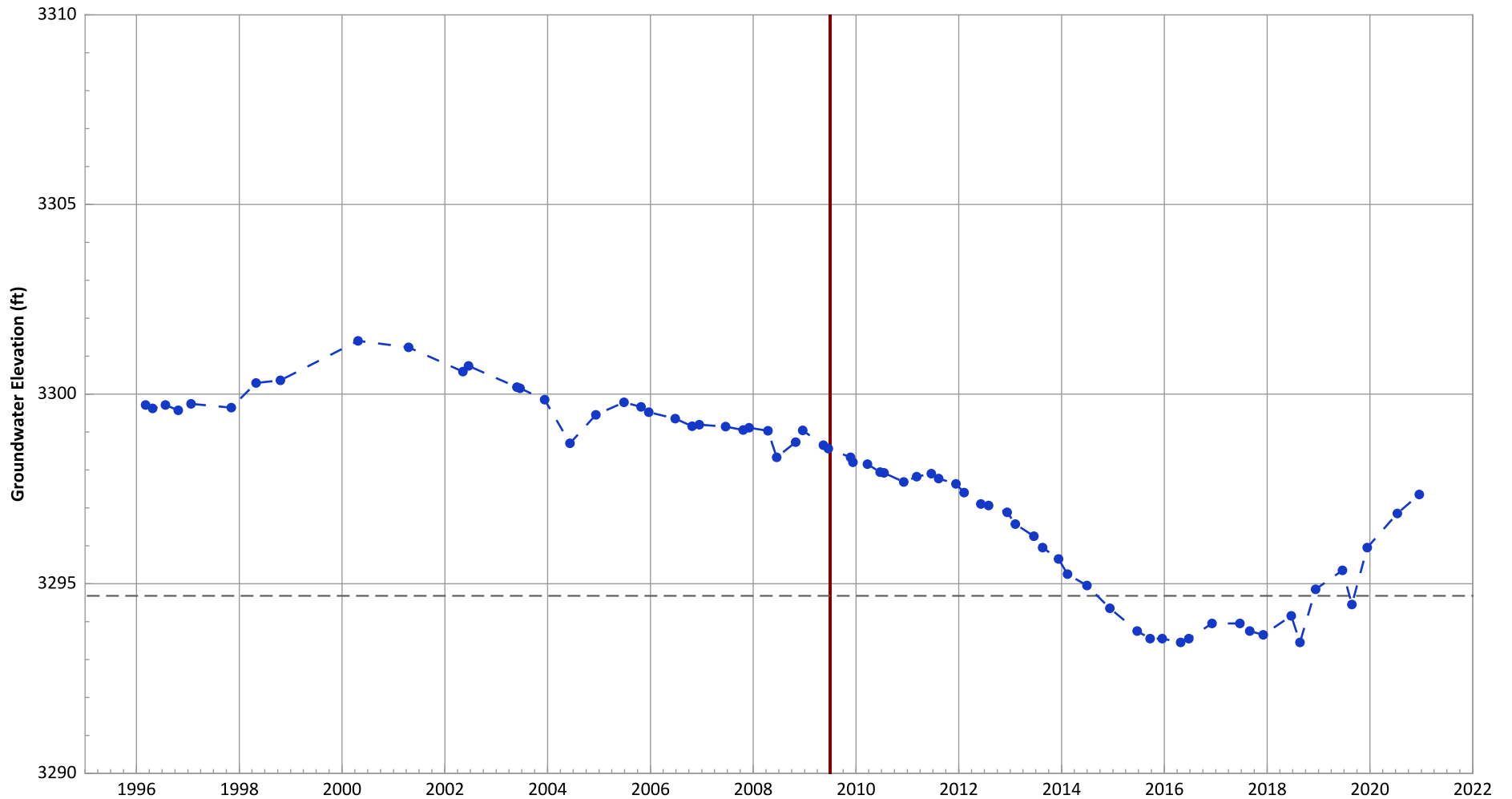
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX07-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

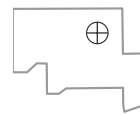


Notes:

1. Top of screen elevation is 3314.68 ft msl.
 2. The bottom of screen elevation is 3294.68 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

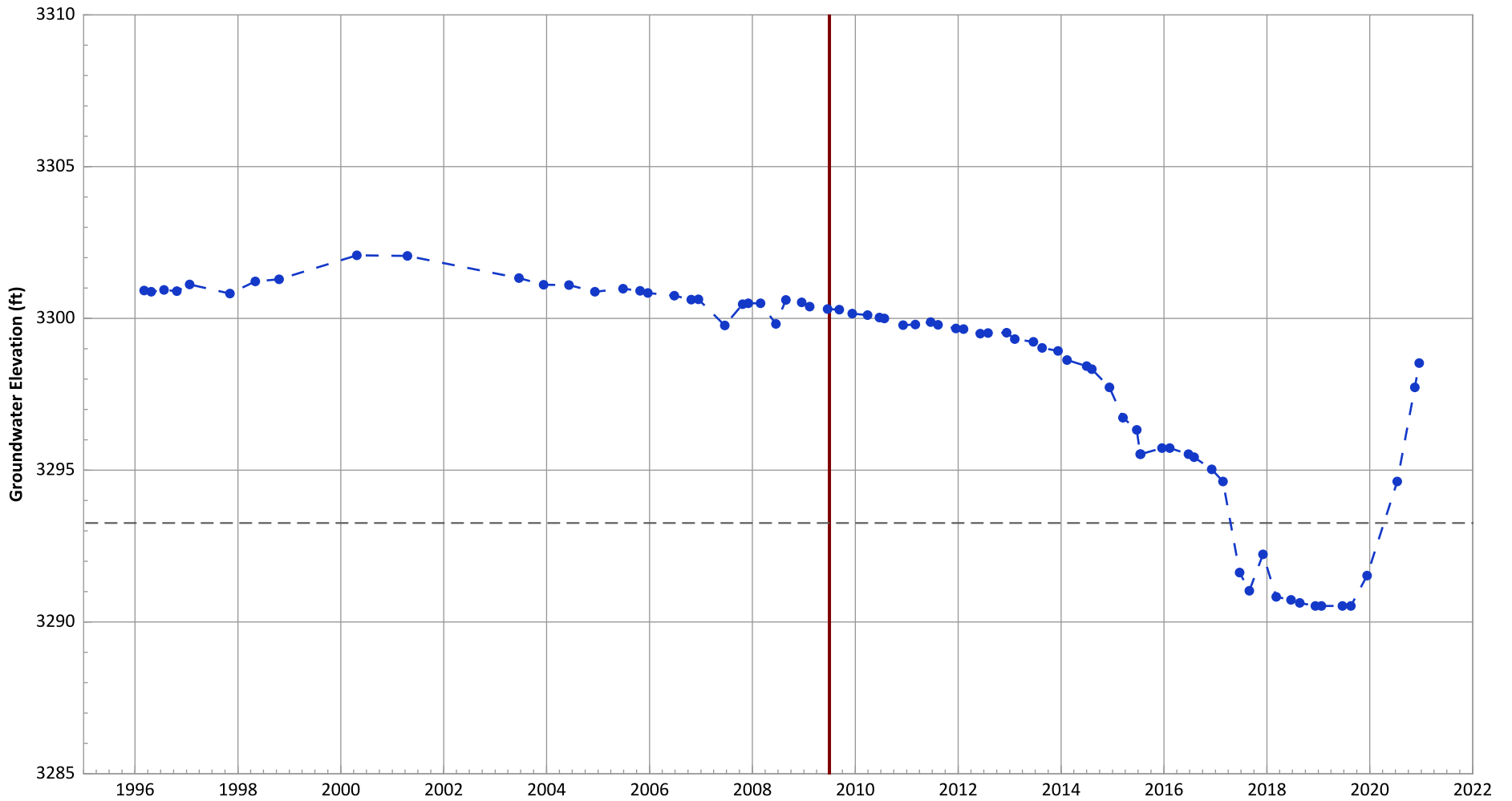
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.7 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.35 ft/yr

**PTX07-1002 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

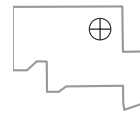


Notes:

1. Top of screen elevation is 3318.26 ft msl.
 2. The bottom of screen elevation is 3293.26 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

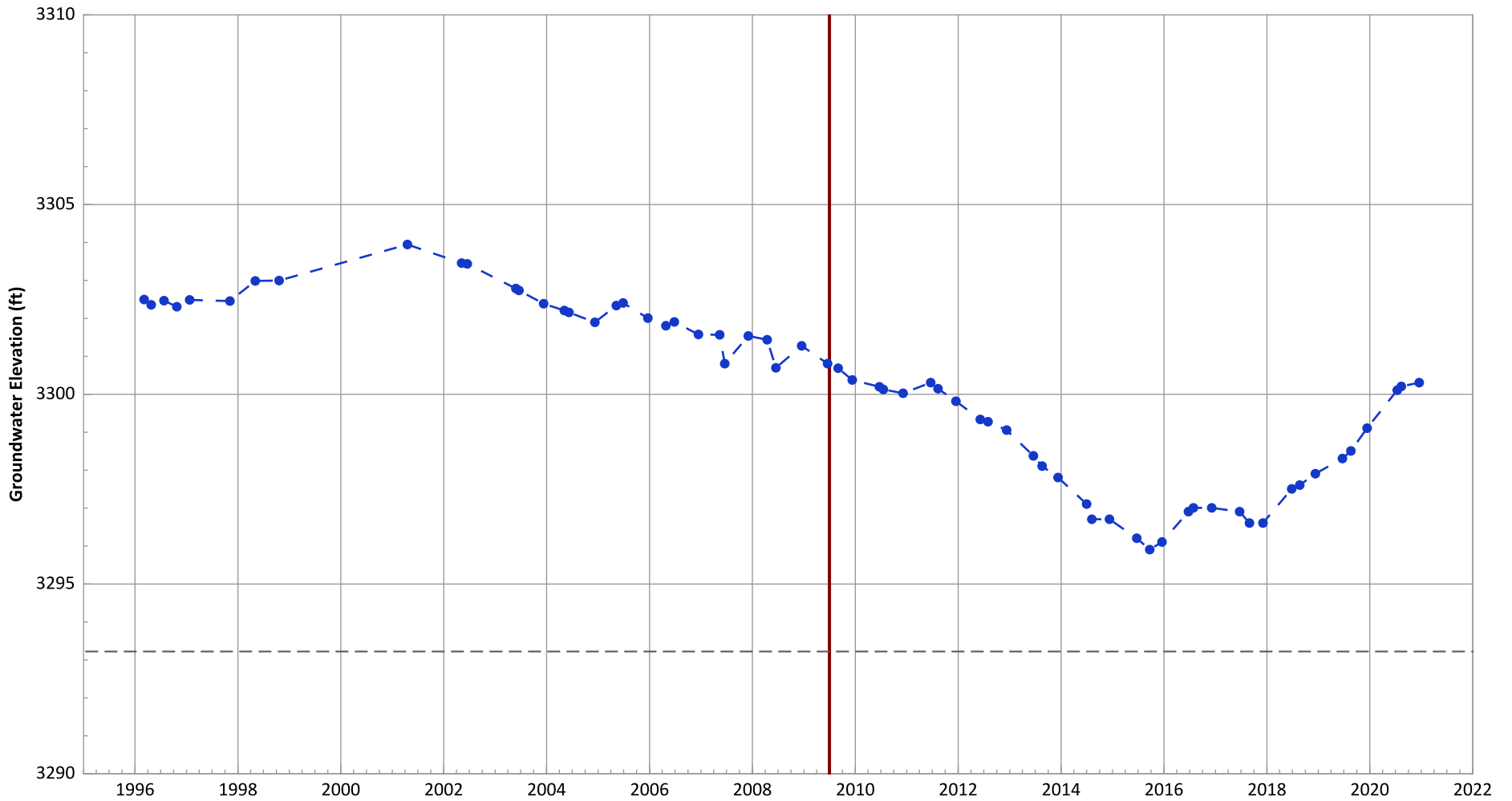
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 4.54 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.87 ft/yr

**PTX07-1003 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

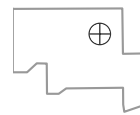


Notes:

1. Top of screen elevation is 3318.22 ft msl.
 2. The bottom of screen elevation is 3293.22 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

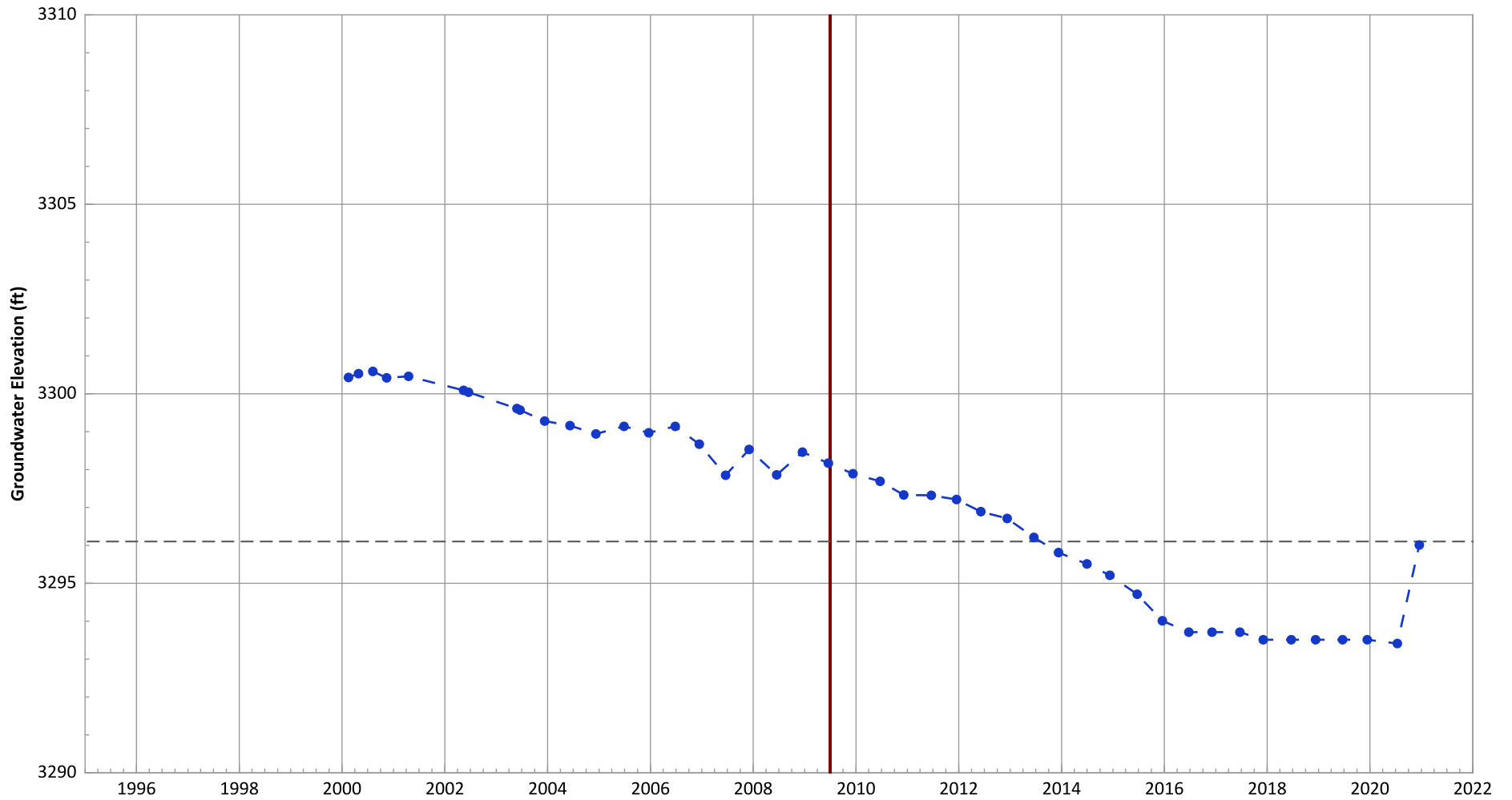
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.48 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.16 ft/yr

**PTX07-1004 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

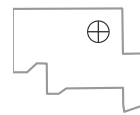


Notes:

1. Top of screen elevation is 3336.1 ft msl.
 2. The bottom of screen elevation is 3296.1 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

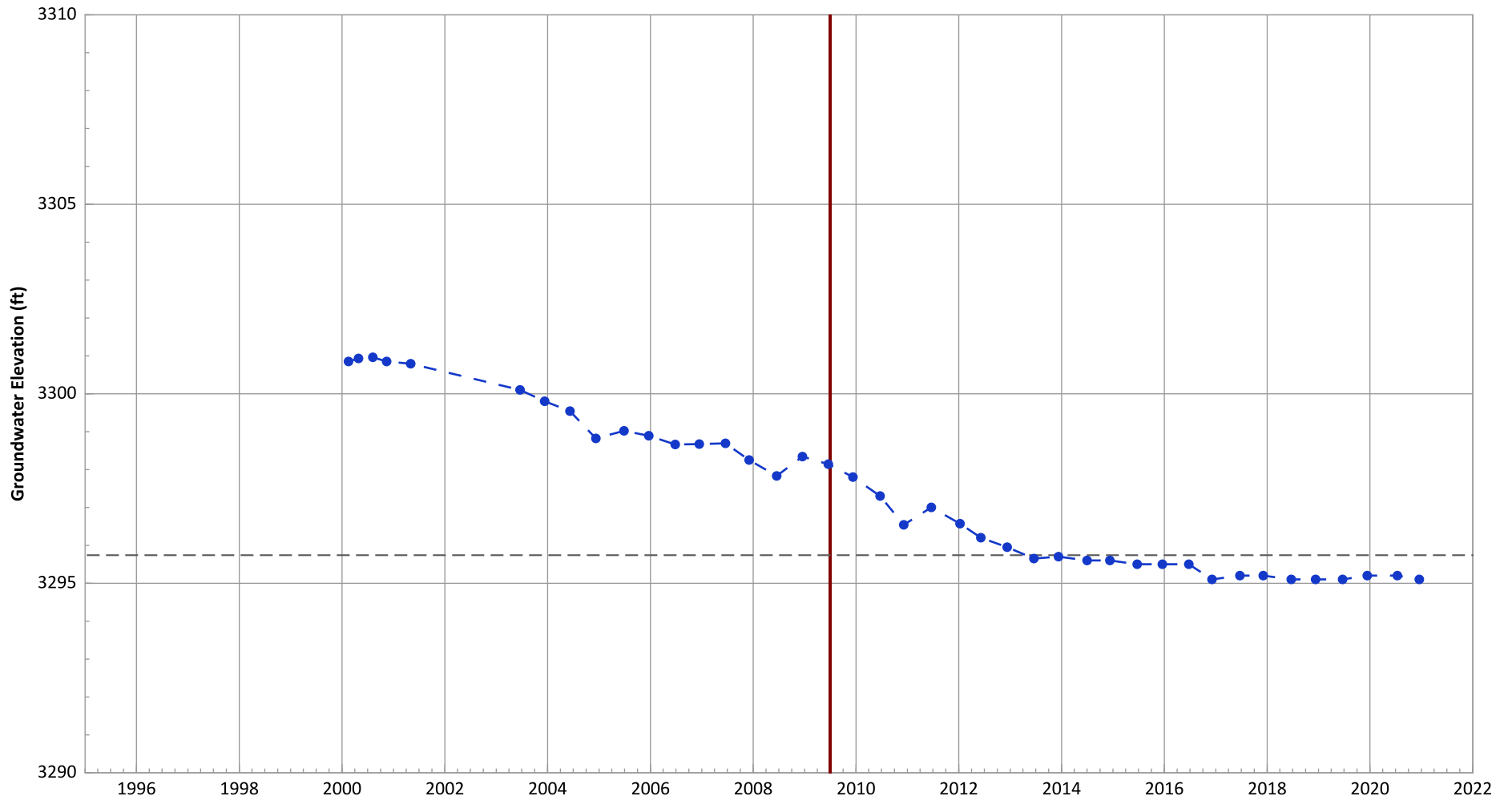
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 1.4 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.42 ft/yr

**PTX07-1005 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

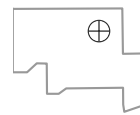


Notes:

1. Top of screen elevation is 3335.74 ft msl.
 2. The bottom of screen elevation is 3295.74 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

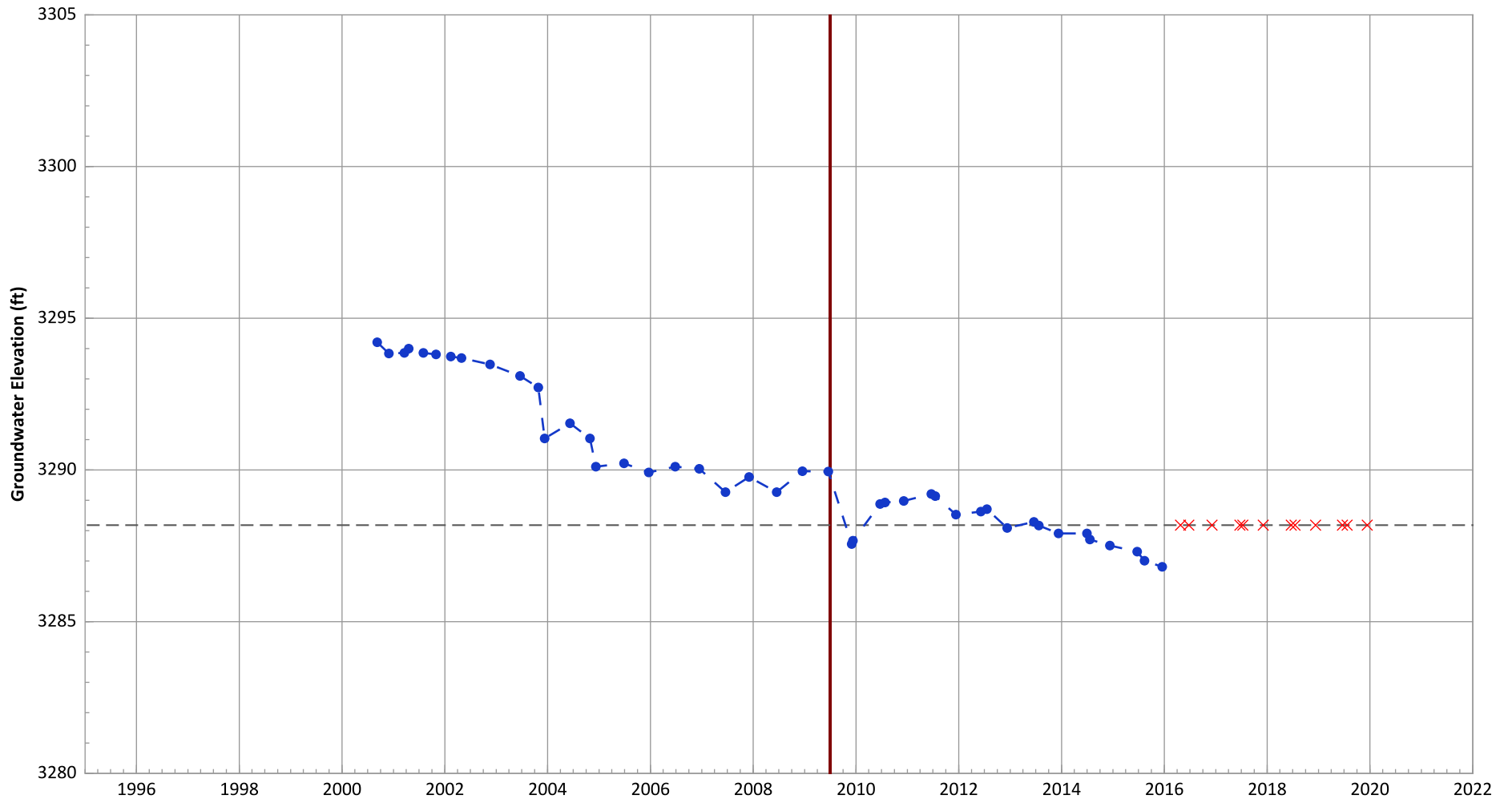
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.2 ft/yr

**PTX07-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

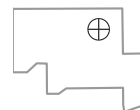


Notes:

1. Top of screen elevation is 3308.18 ft msl.
 2. The bottom of screen elevation is 3288.18 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

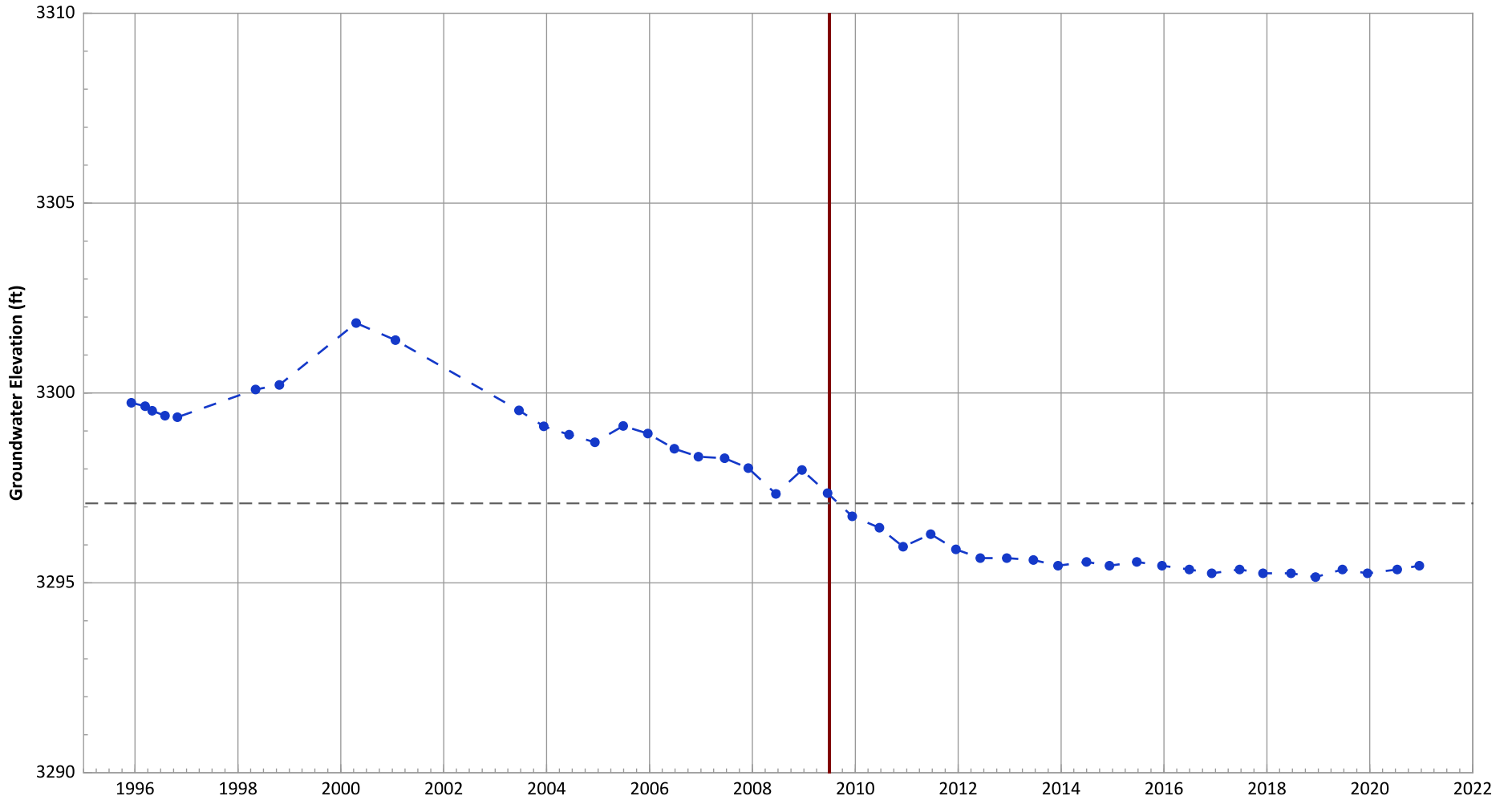
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): Decreasing at 0.24 ft/yr

**PTX07-1P01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



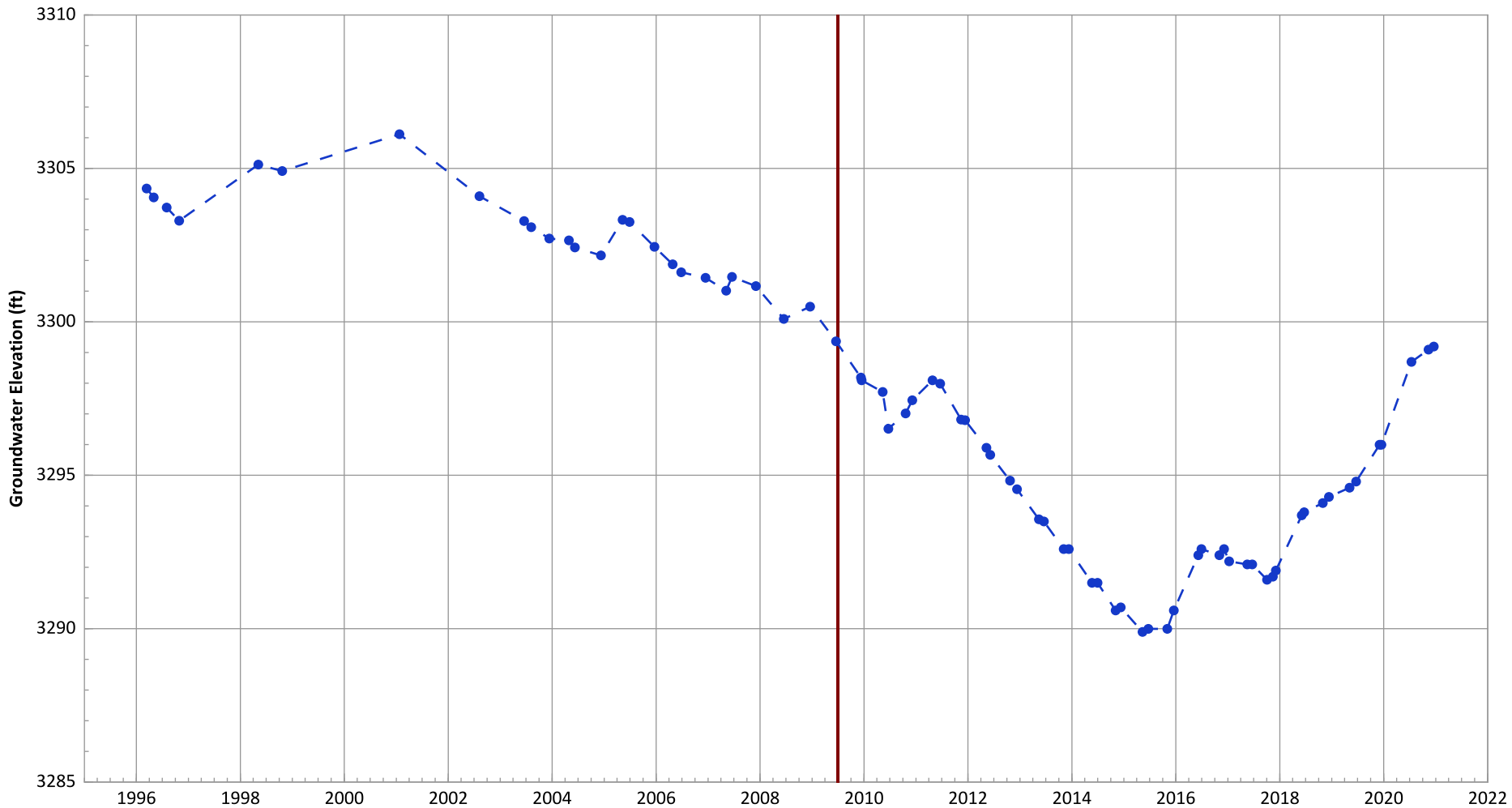
Notes:
 1. Top of screen elevation is 3312.09 ft msl.
 2. The bottom of screen elevation is 3297.09 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
 Actual groundwater elevations between measurements may be different than shown.
 Analysis Date: 02/24/2021

—●— Groundwater Elevation
 - - - Bottom of Screen Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

**PTX07-1P02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

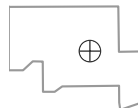


Notes:

1. Top of screen elevation is 3308.46 ft msl.
 2. The bottom of screen elevation is 3283.46 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

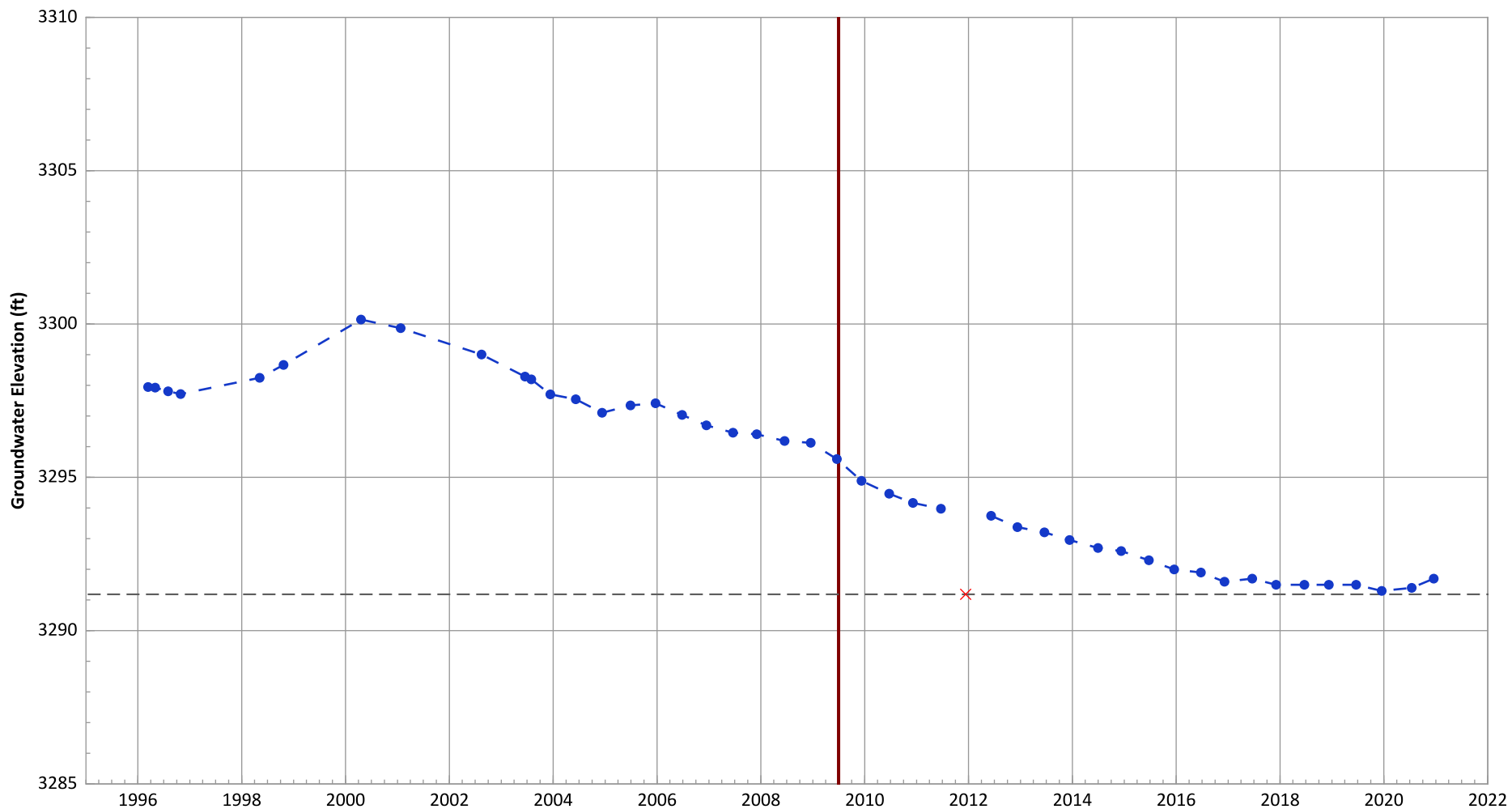
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 3.09 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.19 ft/yr

**PTX07-1P03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

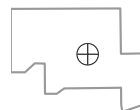


Notes:

1. Top of screen elevation is 3311.18 ft msl.
 2. The bottom of screen elevation is 3291.18 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

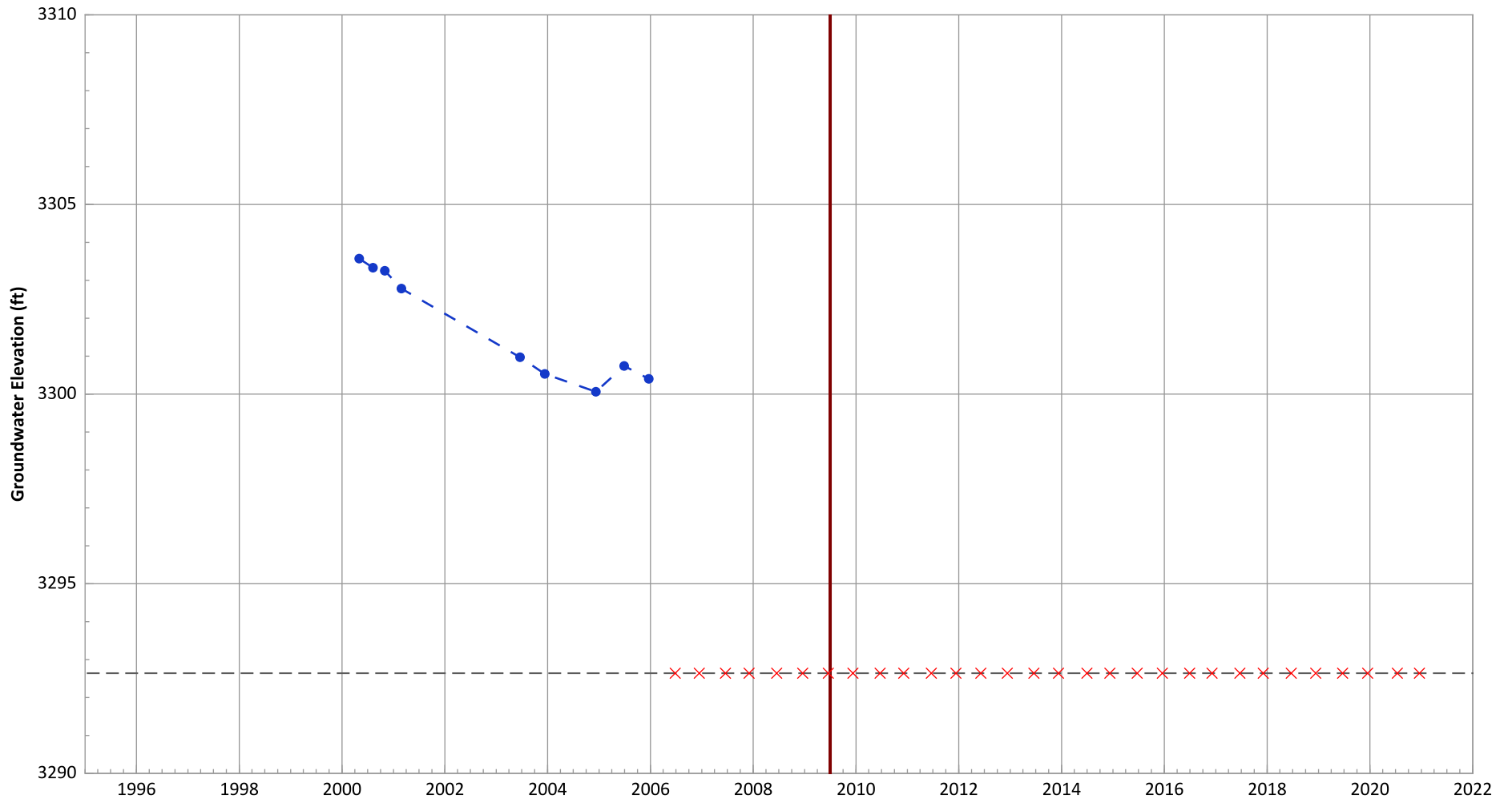
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.13 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.32 ft/yr

**PTX07-1P04 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

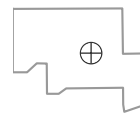


Notes:

1. Top of screen elevation is 3332.64 ft msl.
 2. The bottom of screen elevation is 3292.64 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- | Start of Remedial Action

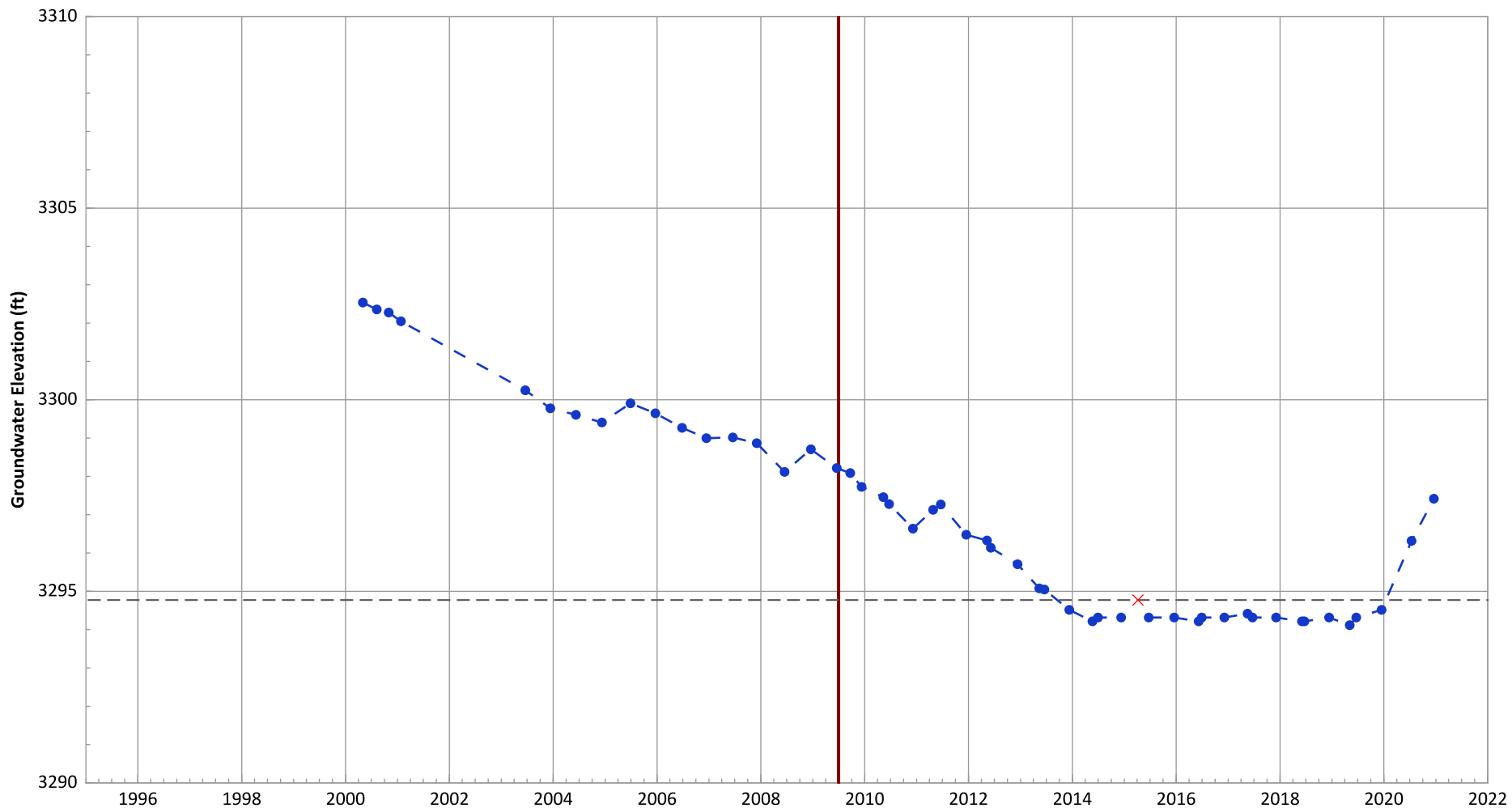
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (No Measurements)
 Data (7/2009 - 1/2021): N/A (No Measurements)

**PTX07-1P05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

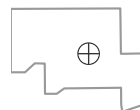


Notes:

1. Top of screen elevation is 3334.77 ft msl.
 2. The bottom of screen elevation is 3294.77 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

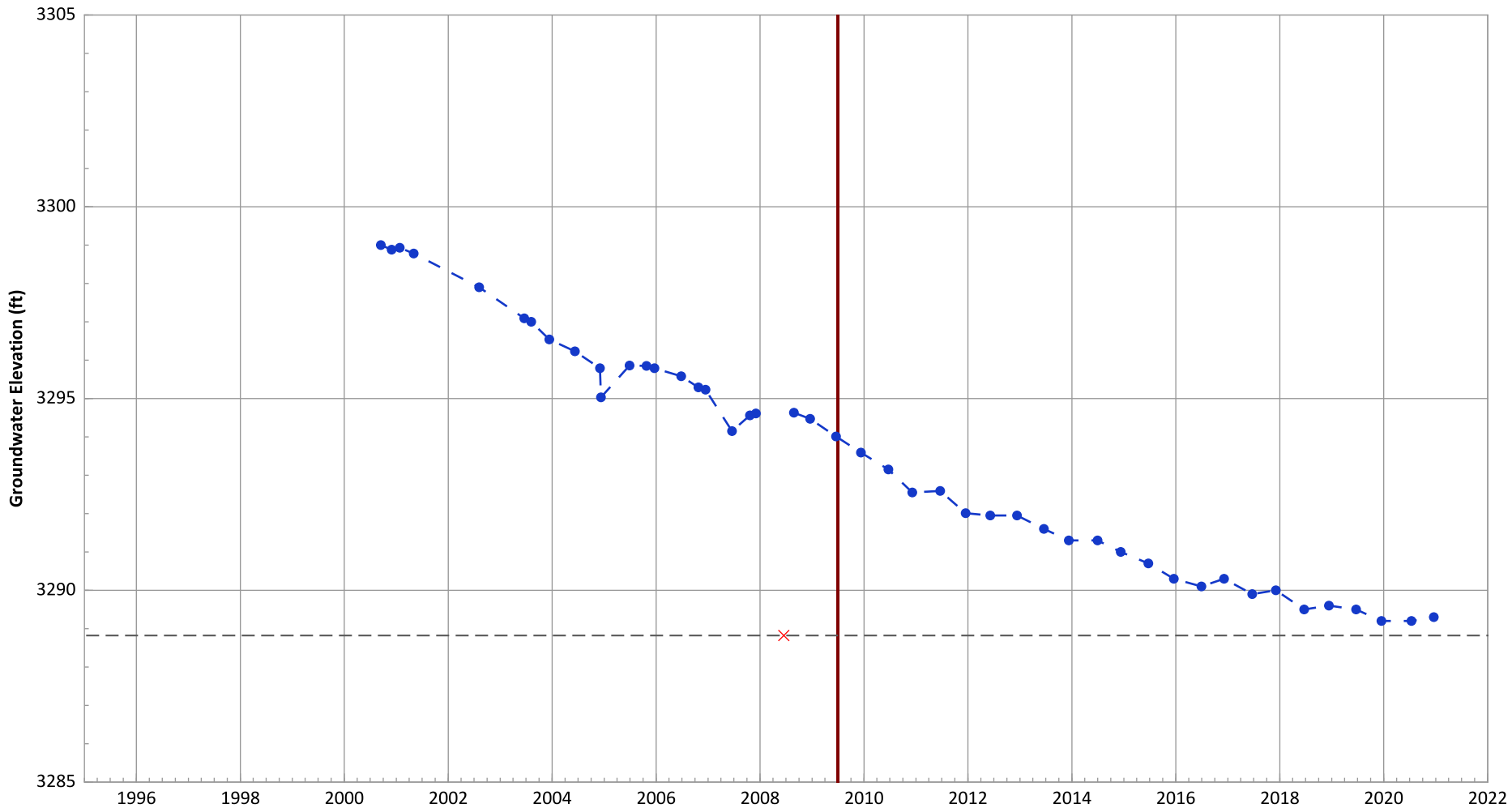
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 2.04 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.25 ft/yr

**PTX07-1P06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

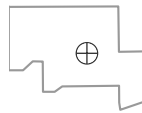


Notes:

1. Top of screen elevation is 3308.82 ft msl.
 2. The bottom of screen elevation is 3288.82 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- × No Water Detected
- Start of Remedial Action

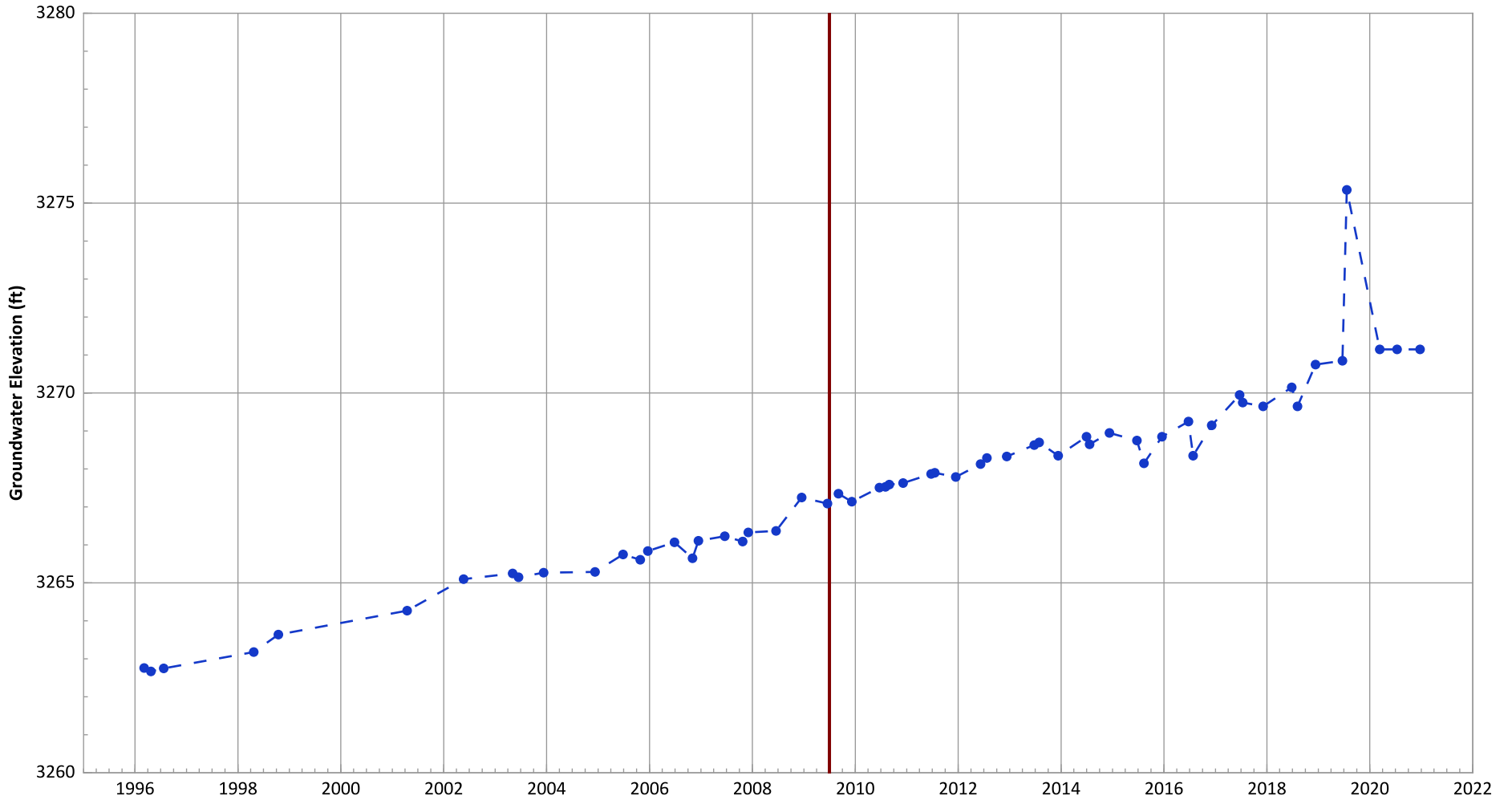
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.12 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.39 ft/yr

**PTX07-1Q01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**



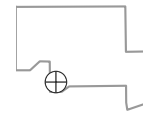
Notes:

1. Top of screen elevation is 3274.86 ft msl.
2. The bottom of screen elevation is 3249.86 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

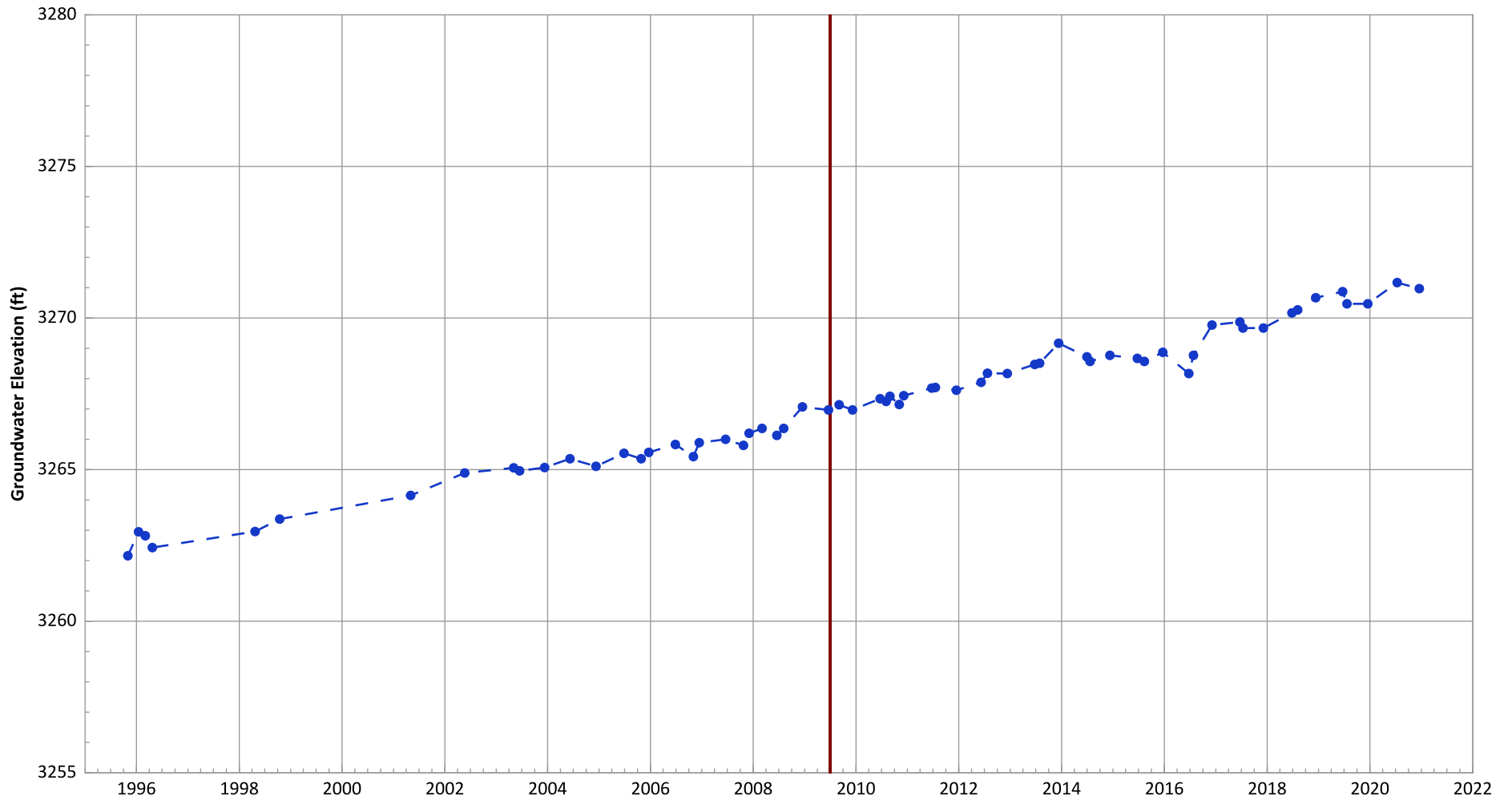
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.38 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.39 ft/yr

**PTX07-1Q02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

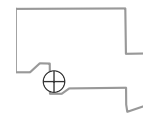


Notes:

1. Top of screen elevation is 3267.94 ft msl.
 2. The bottom of screen elevation is 3237.94 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

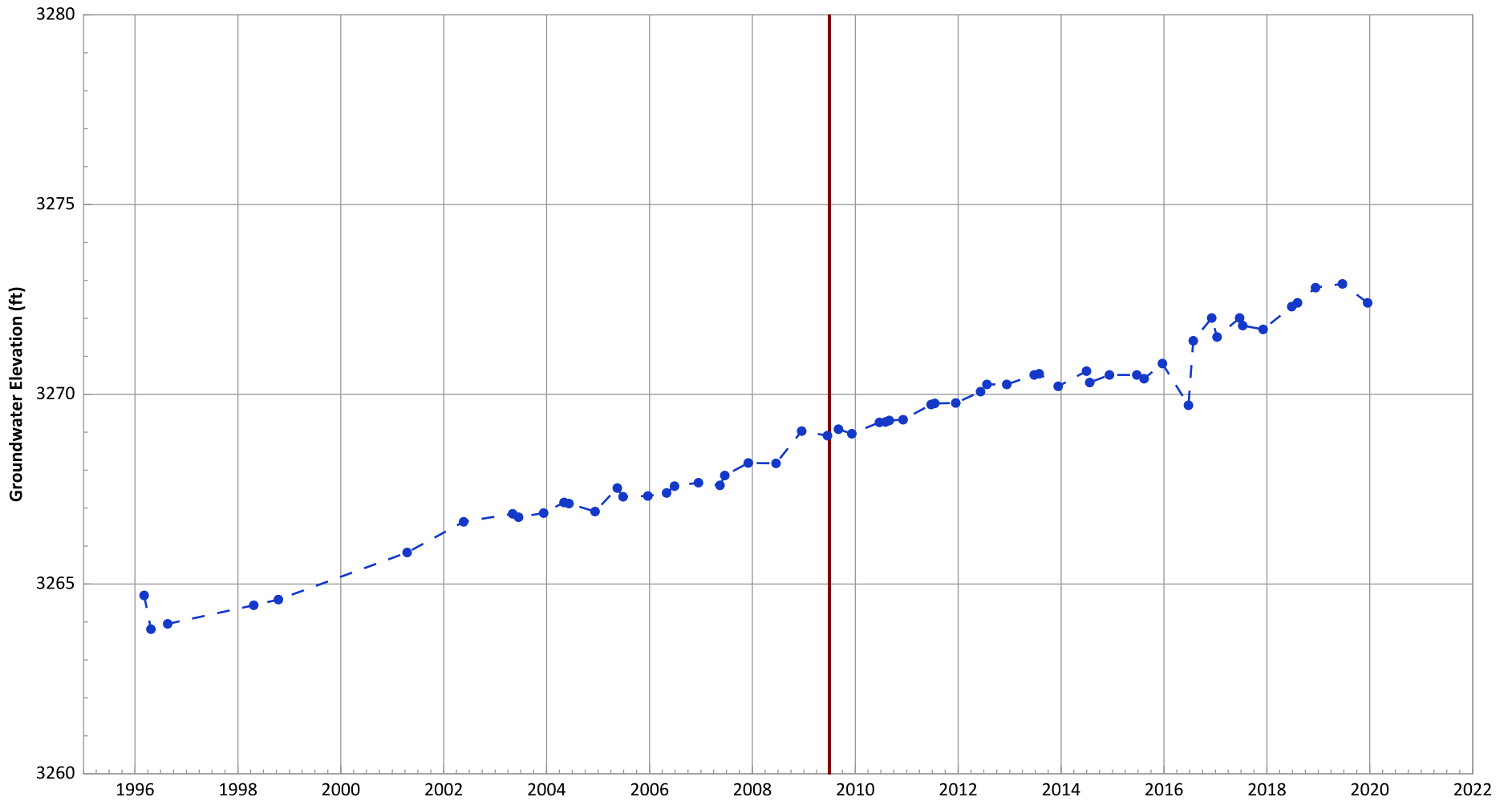
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.3 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.35 ft/yr

**PTX07-1Q03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

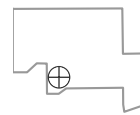


Notes:

1. Top of screen elevation is 3278.29 ft msl.
 2. The bottom of screen elevation is 3228.29 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

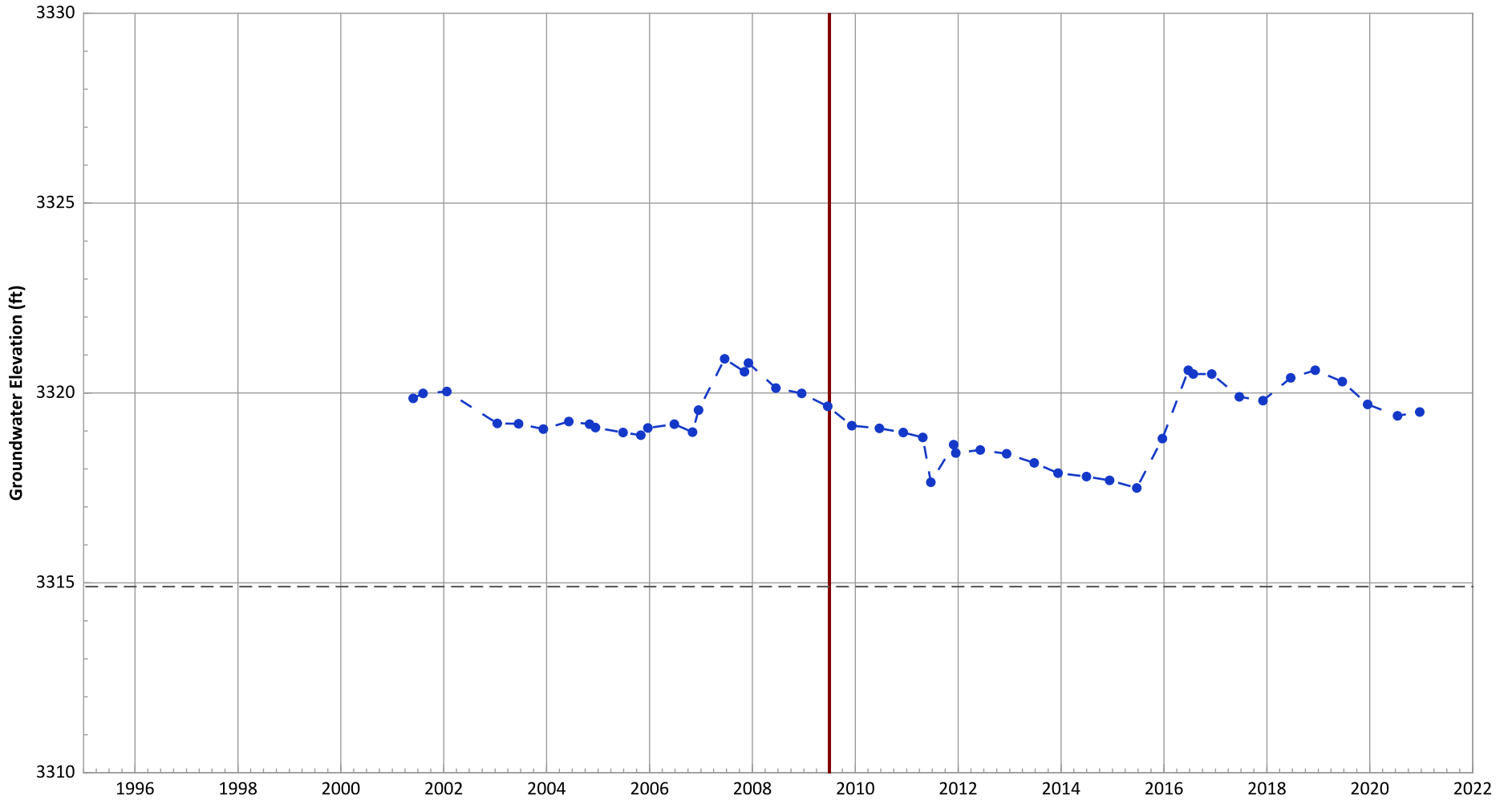
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: N/A (<3 Measurements)
 Data (7/2009 - 1/2021): Increasing at 0.36 ft/yr

**PTX07-1R03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

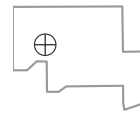


Notes:

1. Top of screen elevation is 3334.9 ft msl.
 2. The bottom of screen elevation is 3314.9 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

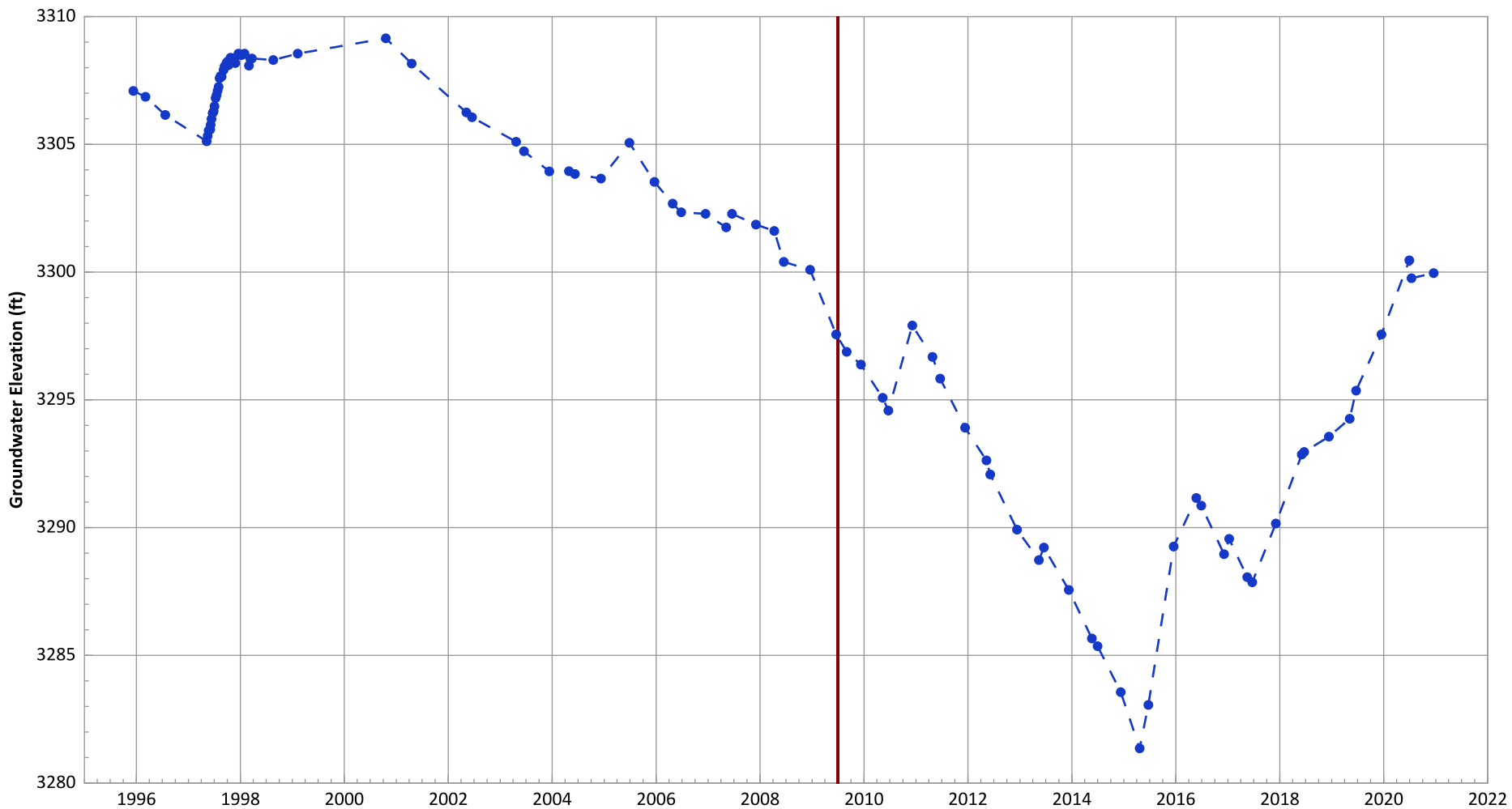
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.54 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.17 ft/yr

**PTX08-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

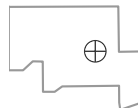


Notes:

1. Top of screen elevation is 3286.63 ft msl.
 2. The bottom of screen elevation is 3241.63 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

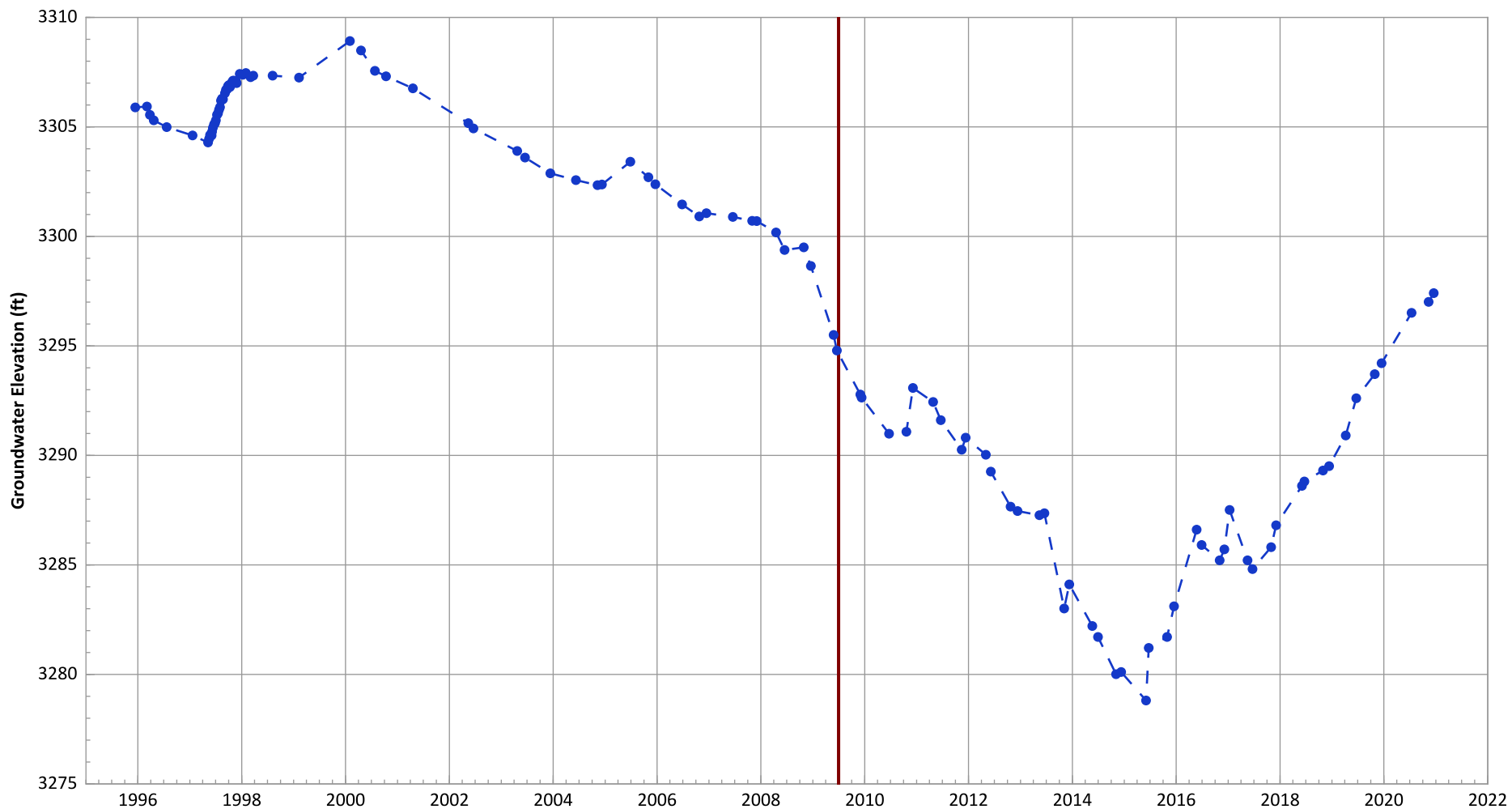
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 3.86 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.11 ft/yr

**PTX08-1002 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

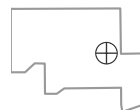


Notes:

1. Top of screen elevation is 3289.71 ft msl.
 2. The bottom of screen elevation is 3254.71 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

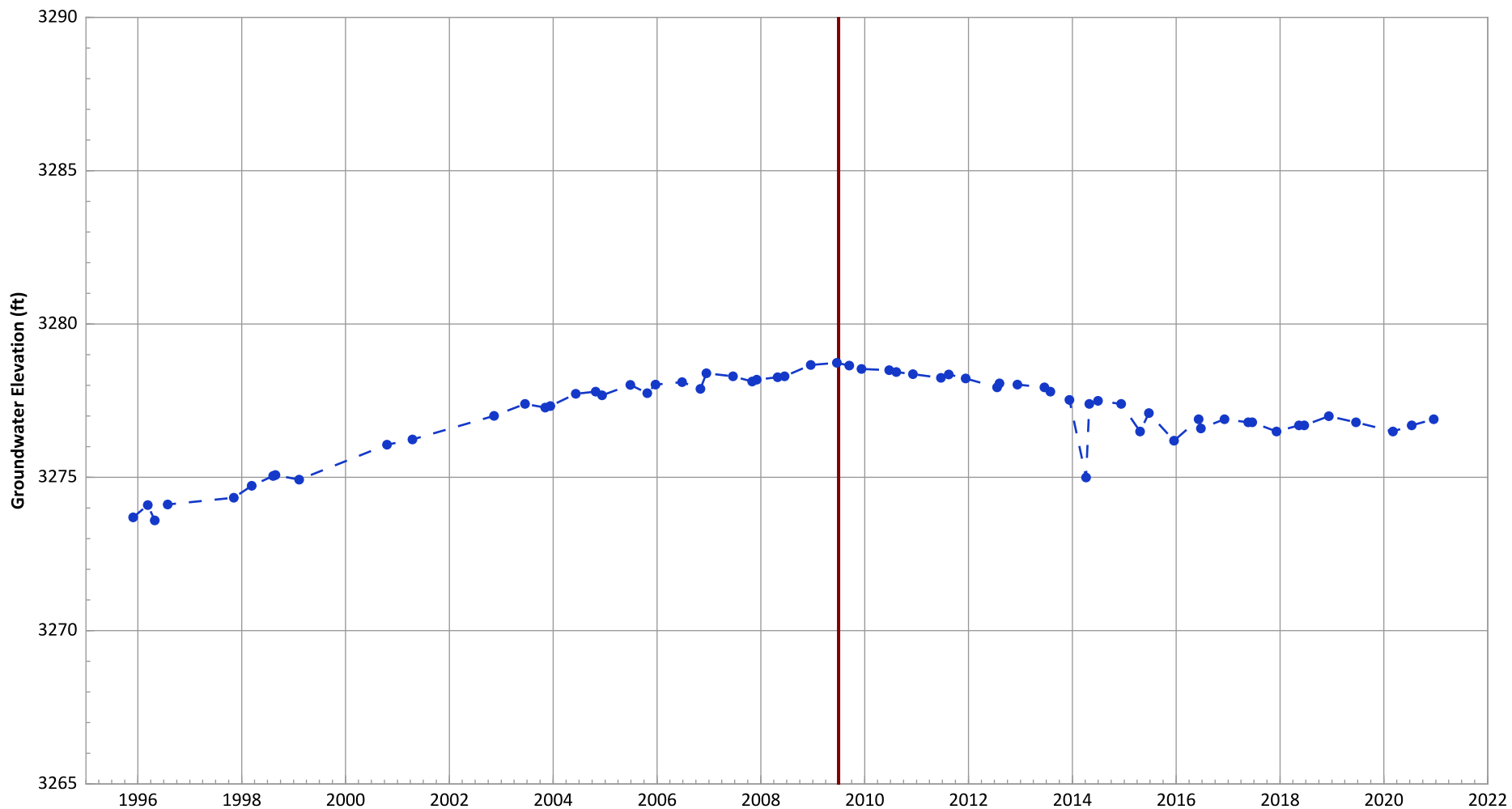
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 3.6 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.17 ft/yr

**PTX08-1003 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

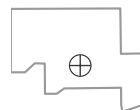


Notes:

1. Top of screen elevation is 3284.39 ft msl.
 2. The bottom of screen elevation is 3254.39 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

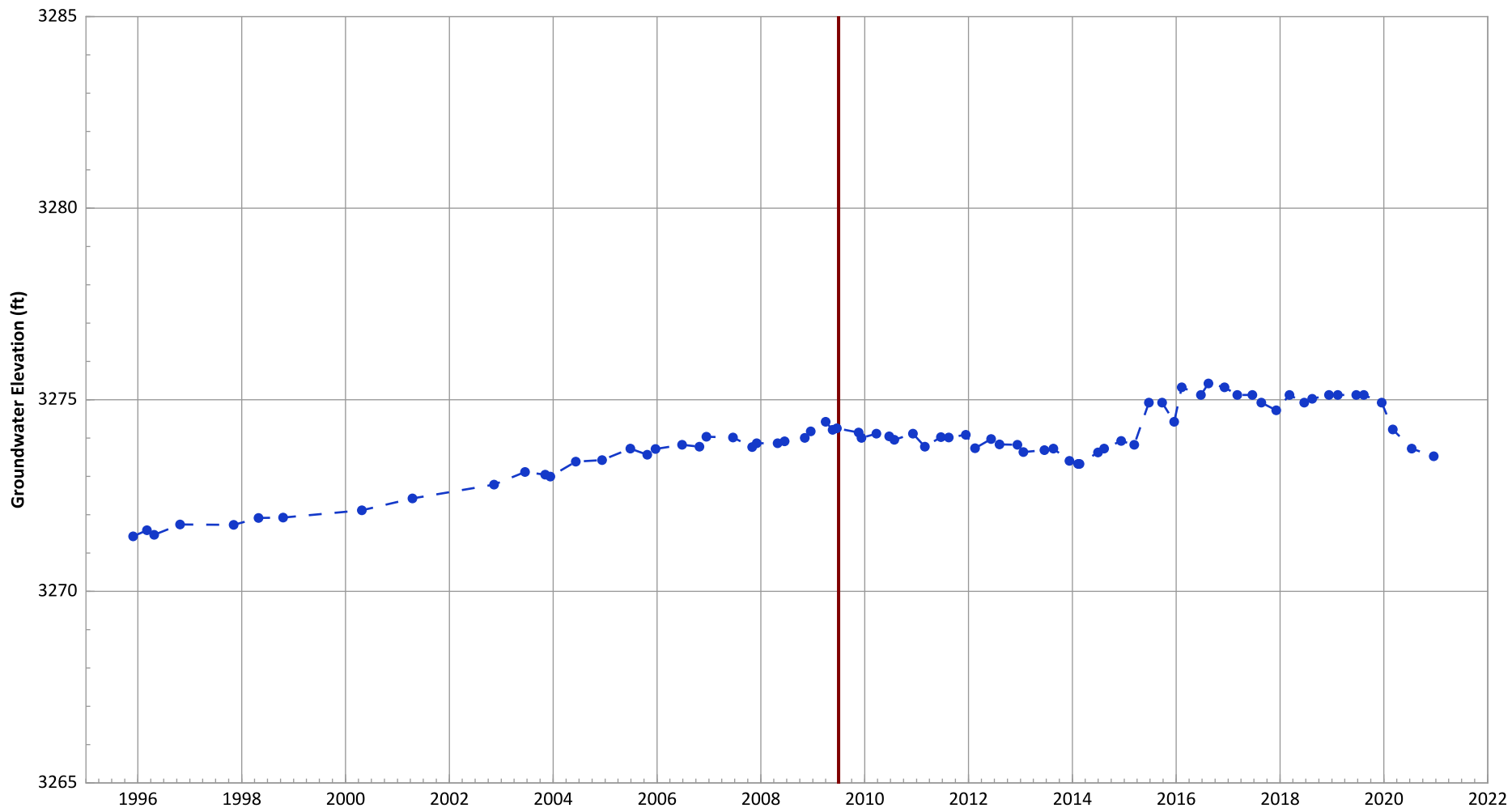
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.2 ft/yr

**PTX08-1005 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

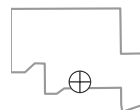


Notes:

1. Top of screen elevation is 3279.61 ft msl.
 2. The bottom of screen elevation is 3259.61 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

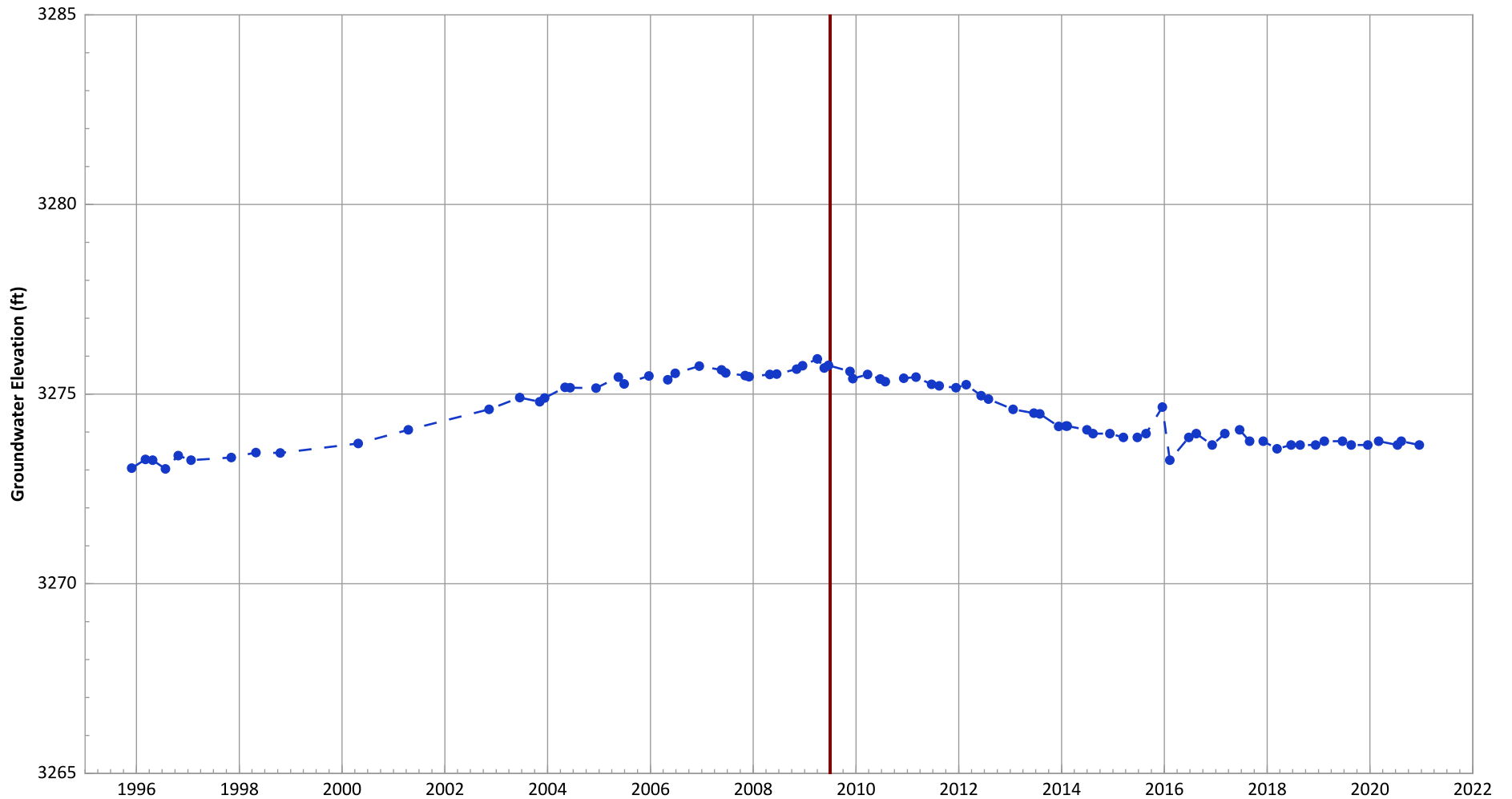
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.03 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.11 ft/yr

**PTX08-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

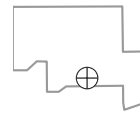


Notes:

1. Top of screen elevation is 3285.96 ft msl.
 2. The bottom of screen elevation is 3240.96 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

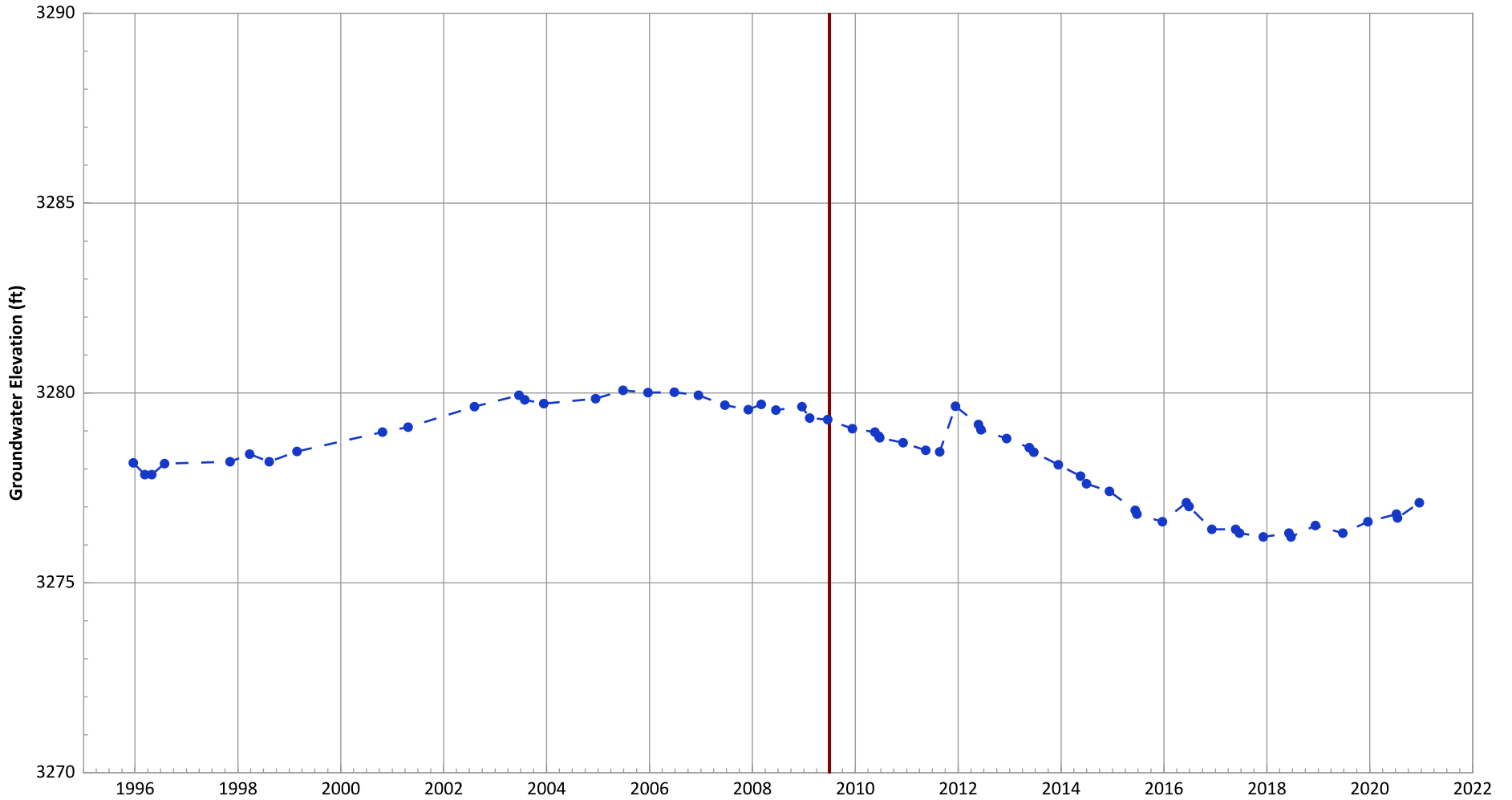
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): Decreasing at 0.19 ft/yr

**PTX08-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

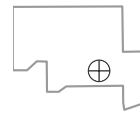


Notes:

1. Top of screen elevation is 3280.55 ft msl.
 2. The bottom of screen elevation is 3245.55 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

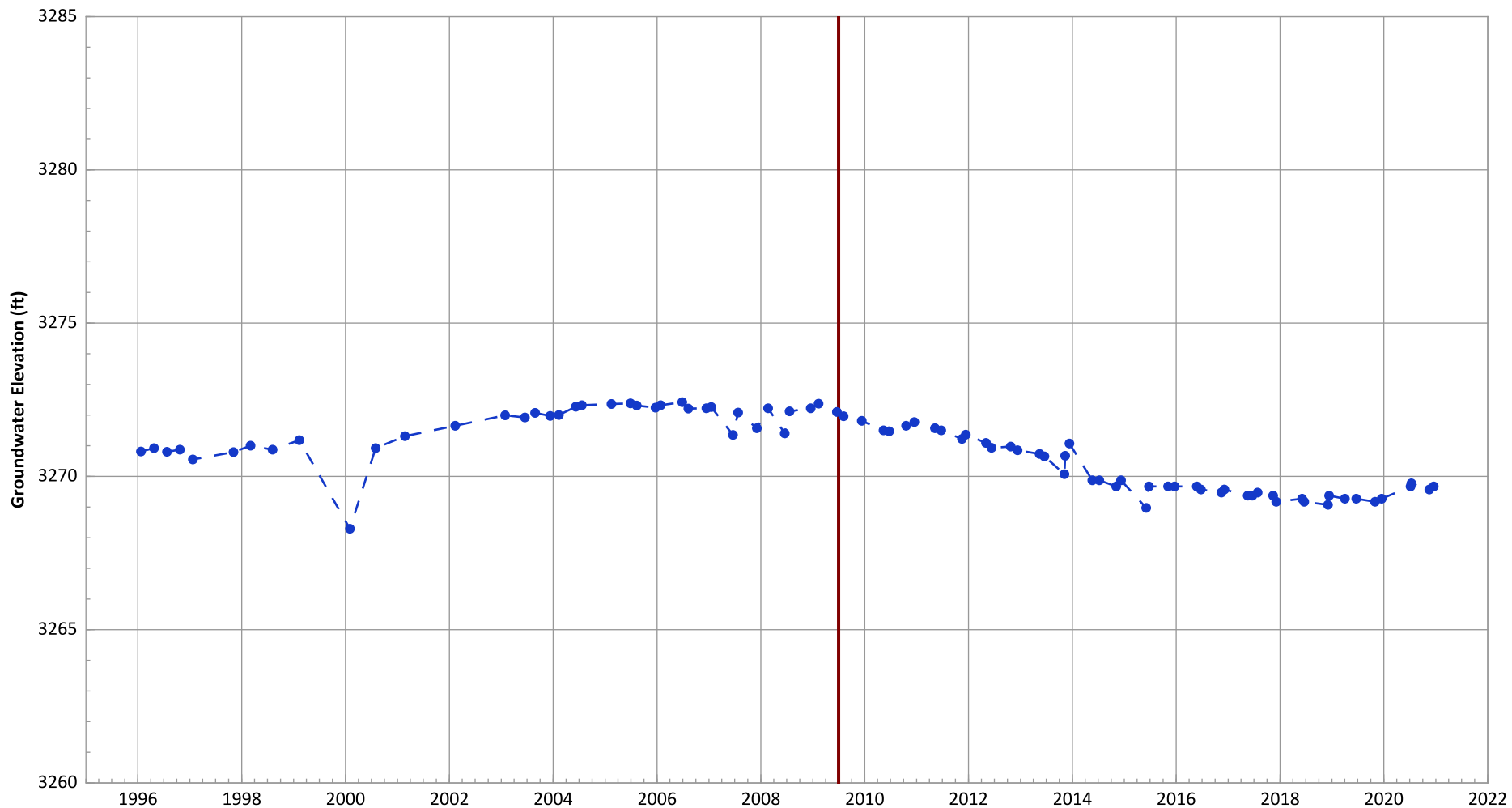
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.49 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.29 ft/yr

**PTX08-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

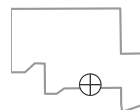


Notes:

1. Top of screen elevation is 3277.04 ft msl.
 2. The bottom of screen elevation is 3247.04 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

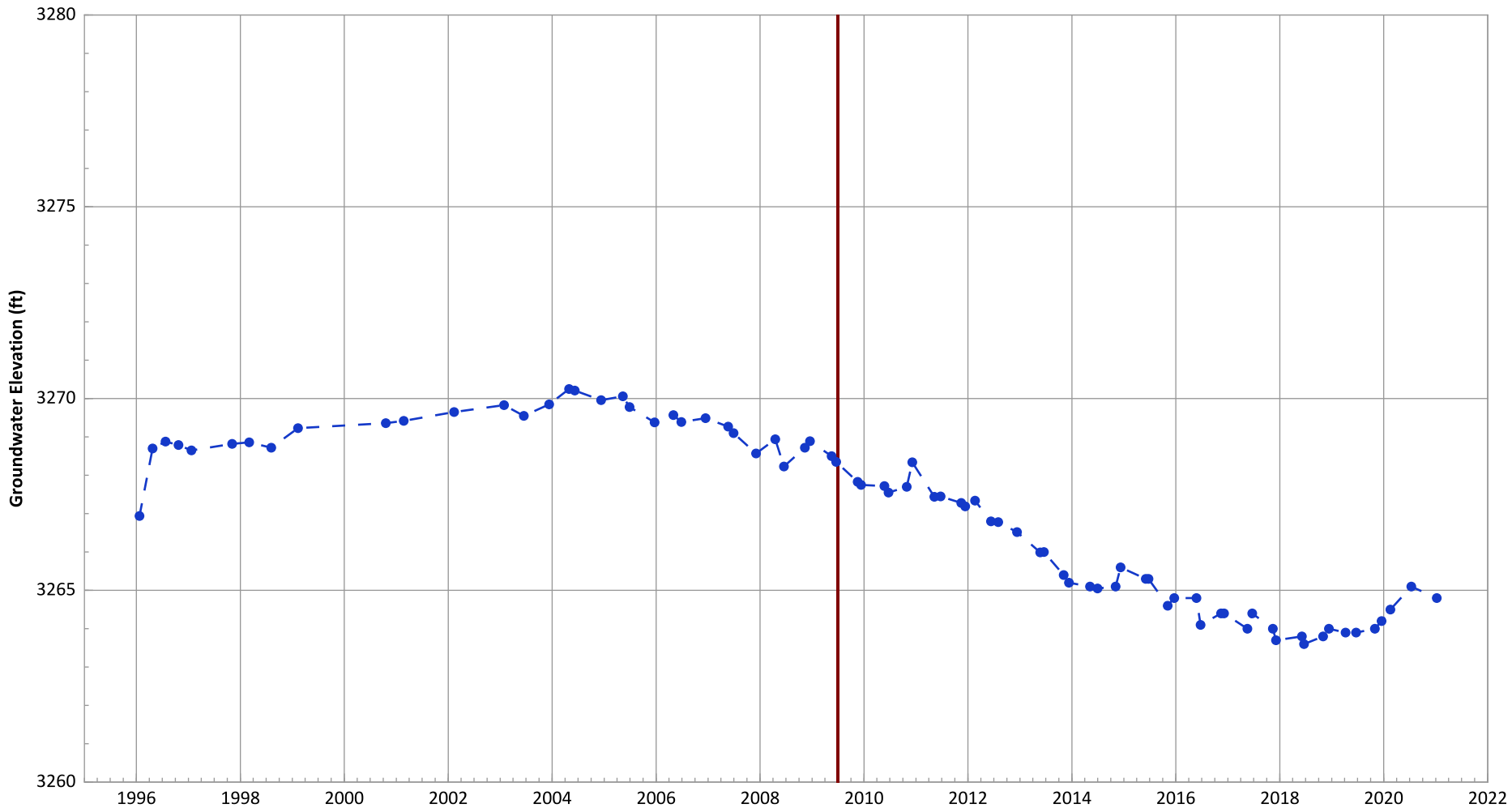
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.3 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.25 ft/yr

PTX08-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

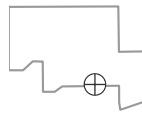


Notes:

1. Top of screen elevation is 3280.09 ft msl.
 2. The bottom of screen elevation is 3250.09 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
— Start of Remedial Action

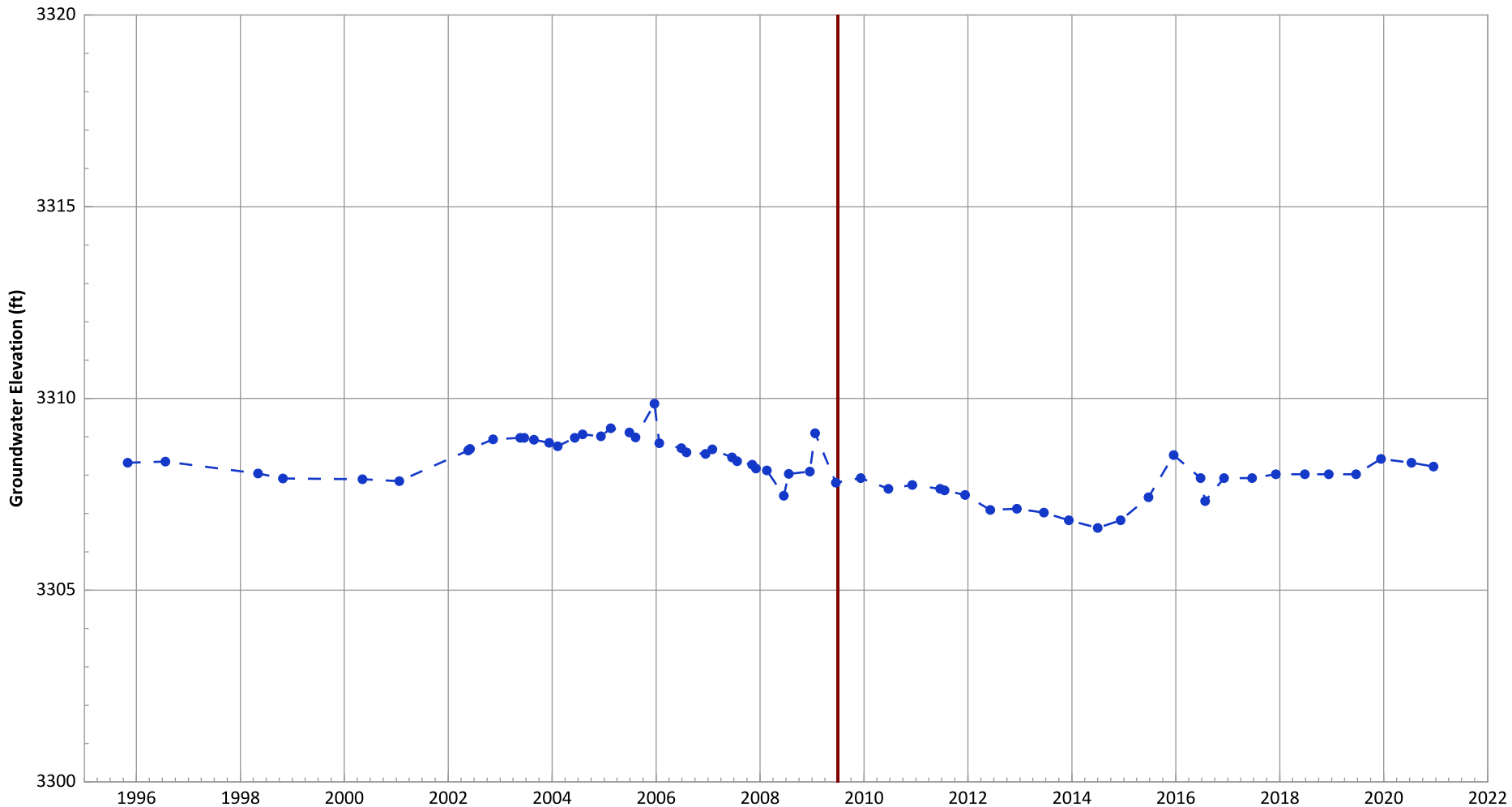
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Increasing at 0.69 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.4 ft/yr

**PTX08-1010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

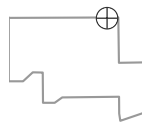


Notes:

1. Top of screen elevation is 3321.22 ft msl.
 2. The bottom of screen elevation is 3286.22 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

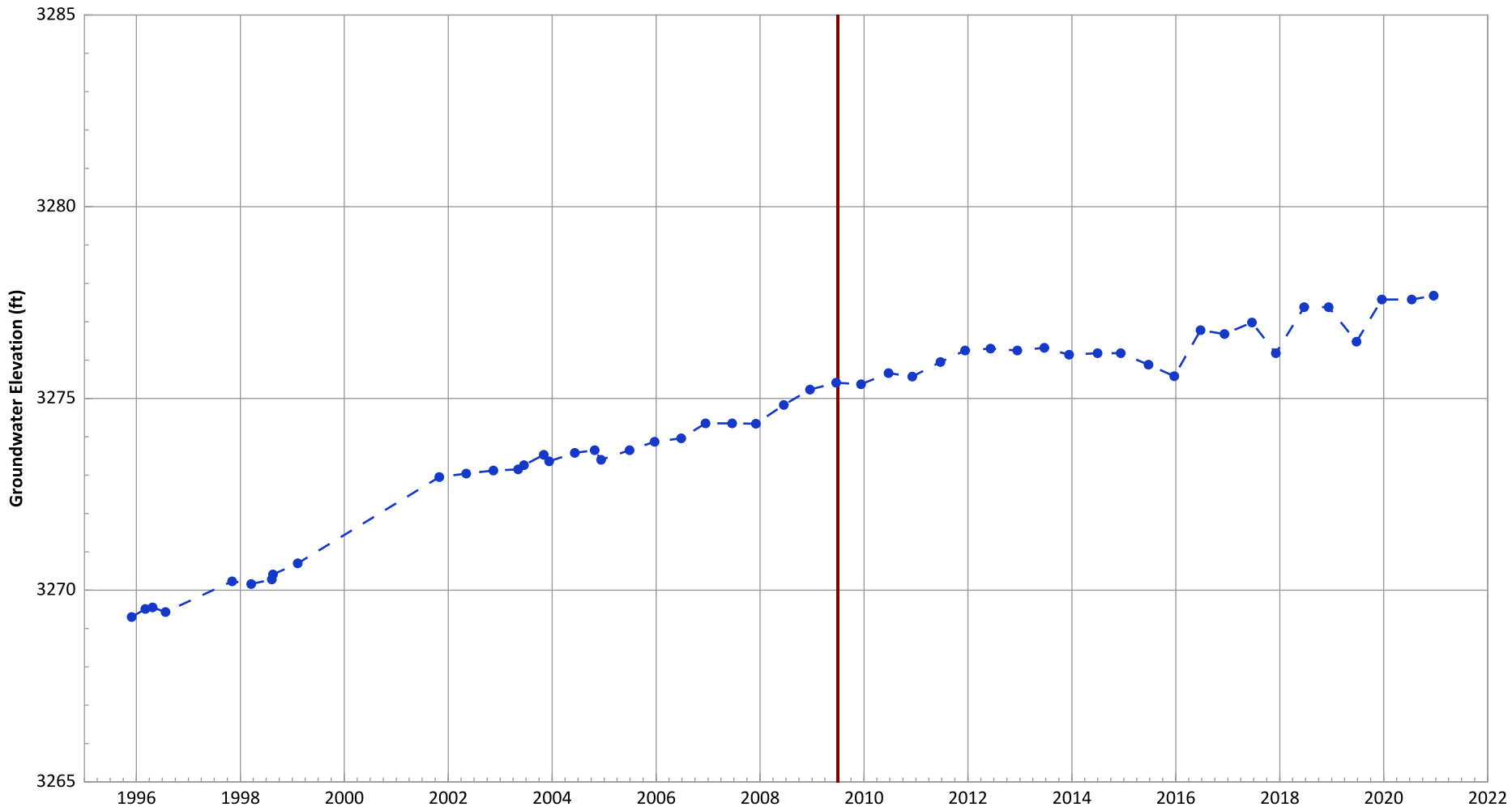
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: No Trend
 Data (7/2009 - 1/2021): No Trend

**PTX10-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

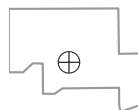


Notes:

1. Top of screen elevation is 3277.2 ft msl.
 2. The bottom of screen elevation is 3252.7 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

—●— Groundwater Elevation
 — Start of Remedial Action

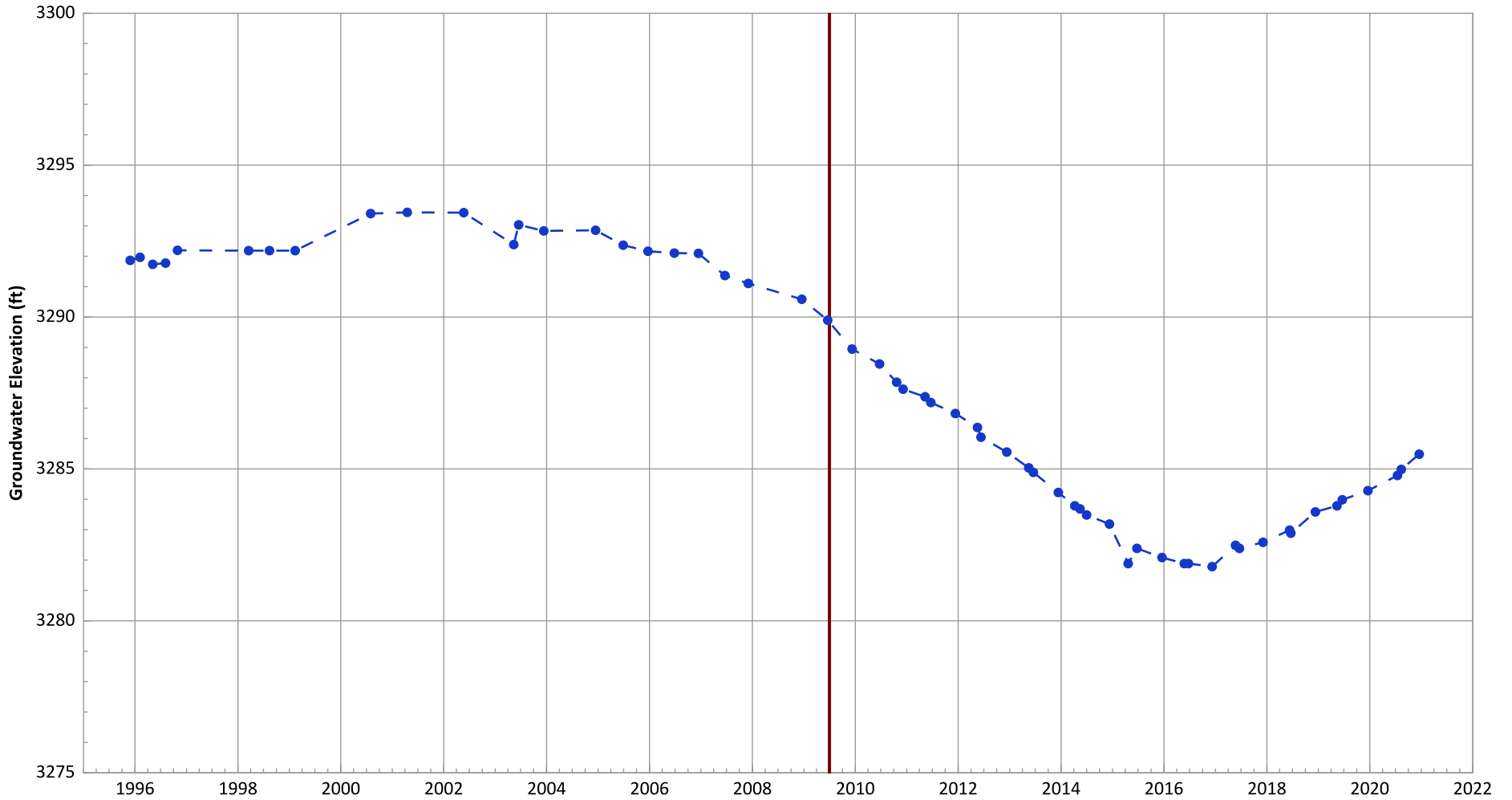
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.71 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.17 ft/yr

**PTX10-1014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant**

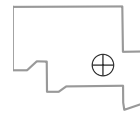


Notes:

1. Top of screen elevation is 3301.64 ft msl.
 2. The bottom of screen elevation is 3271.84 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/24/2021

- Groundwater Elevation
- - - Bottom of Screen Elevation
- Start of Remedial Action

Well Location



Hydrograph Trend

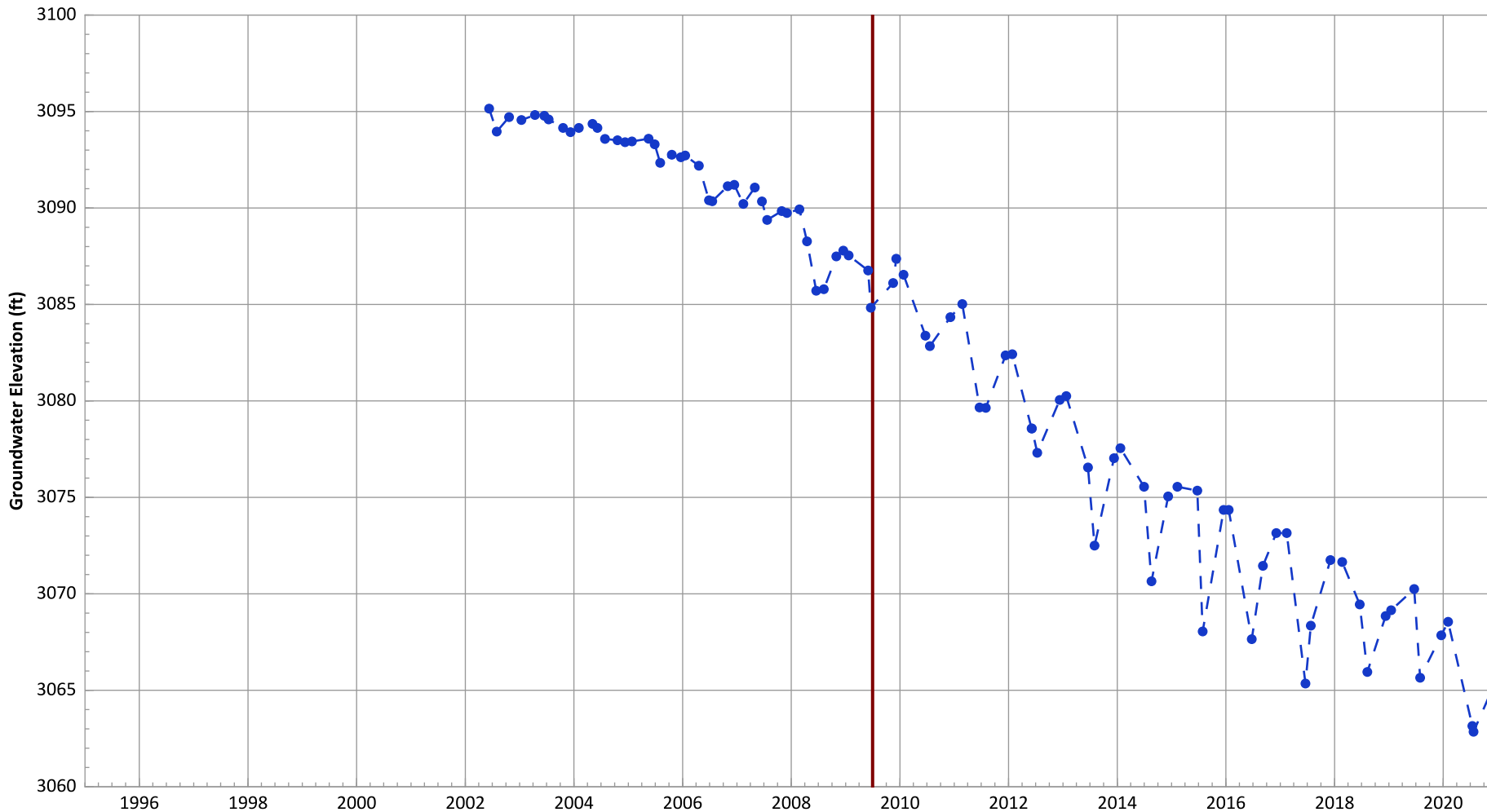
(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.97 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.41 ft/yr

Ogallala Aquifer Water Level Trends and Hydrographs

Ogallala Groundwater Water Level Trends

Well	Easting	Northing	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA
PTX01-1010	630576.88	3771397.26	89	-1.81	Decreasing	-29.7	8	-3.05	Decreasing	-3.7	47	-1.86	Decreasing	-20.66
PTX01-1011	629986.45	3771397.29	81	-1.68	Decreasing	-31.38	10	-2.38	Decreasing	-4	50	-1.79	Decreasing	-20.32
PTX01-1012	632664.21	3773264.13	71	-1.97	Decreasing	-30.7	6	-3.18	Decreasing	-5.5	45	-2.11	Decreasing	-20.26
PTX01-1013	628976.89	3773218.25	88	-1.93	Decreasing	-28.77	6	-2.66	Decreasing	-4.9	45	-2.04	Decreasing	-21.37
PTX06-1043	640711.00	3765225.21	70	-1.10	Decreasing	-22.78	7	-1.07	Decreasing	-1.6	45	-1.30	Decreasing	-13.4
PTX06-1044	642706.18	3764538.54	78	-1.72	Decreasing	-32.46	8	-1.69	Decreasing	-2.8	47	-1.86	Decreasing	-19.65
PTX06-1056	643767.03	3754642.87	94	-0.40	Decreasing	-8.06	10	-0.69	Decreasing	-1.6	60	-0.51	Decreasing	-6.04
PTX06-1057A	629630.04	3768142.23	68	-1.30	Decreasing	-24.39	8	-1.35	Decreasing	-2	37	-1.42	Decreasing	-15.24
PTX06-1058	624894.00	3759747.11	64	-0.42	Decreasing	-8.52	6	-0.50	Decreasing	-0.9	34	-0.47	Decreasing	-4.84
PTX06-1059	628129.98	3760459.31	64	-0.98	Decreasing	-17.4	8	-1.05	Decreasing	-1.6	36	-1.00	Decreasing	-11.04
PTX06-1060	620969.93	3758599.72	59	0.16	Increasing	3.51	8	0.19	Increasing	0.2	38	0.17	Increasing	1.9
PTX06-1061	625651.61	3773186.59	67	-1.78	Decreasing	-29.62	8	-3.39	Decreasing	-4.9	39	-1.76	Decreasing	-18.47
PTX06-1062A	633017.18	3771685.22	96	-1.62	Decreasing	-30.48	10	-2.74	Decreasing	-4.2	51	-1.76	Decreasing	-19.79
PTX06-1064	635900.45	3773557.90	87	-1.47	Decreasing	-27.14	8	-3.20	Decreasing	-4.7	48	-1.60	Decreasing	-18.4
PTX06-1068	643403.70	3773360.30	94	-1.66	Decreasing	-31.9	9	-3.43	Decreasing	-5.1	54	-1.51	Decreasing	-18.38
PTX06-1072	635047.45	3758434.63	70	-0.75	Decreasing	-14.42	8	-0.71	Decreasing	-1.1	48	-0.71	Decreasing	-8.19
PTX06-1074	620994.02	3765626.52	63	-0.75	Decreasing	-13.22	6	-0.95	Decreasing	-1.5	34	-0.76	Decreasing	-8.53
PTX06-1075	630512.54	3753624.01	64	0.13	Increasing	1.74	8	0.00	No Trend	0.3	37	0.12	Increasing	2.21
PTX06-1076	637327.32	3752978.41	79	0.11	Increasing	0.65	11	-0.05	No Trend	-0.4	50	0.15	Increasing	1.37
PTX06-1137A	647900.89	3758635.67	49	-1.48	Decreasing	-16.5	8	-1.16	Decreasing	-1.7	48	-1.48	Decreasing	-15.77
PTX06-1138	646285.31	3760503.82	50	-1.32	Decreasing	-14.58	10	-1.11	Decreasing	-1.6	49	-1.33	Decreasing	-14.38
PTX06-1139	646768.73	3756376.08	49	-0.98	Decreasing	-9.79	10	-0.90	Decreasing	-3.3	48	-0.99	Decreasing	-10.31
PTX06-1140	646959.38	3762807.67	50	-2.34	Decreasing	-24.81	10	-1.90	Decreasing	-3	49	-2.35	Decreasing	-24.24
PTX06-1141	633445.44	3766872.94	48	-1.33	Decreasing	-15.84	9	-1.50	Decreasing	-3.2	47	-1.34	Decreasing	-15.15
PTX06-1143	639244.72	3770496.78	50	-1.36	Decreasing	-13.83	10	-2.00	Decreasing	-2.6	49	-1.39	Decreasing	-14.42
PTX06-1144	640252.98	3773320.45	49	-1.27	Decreasing	-14.24	10	-2.50	Decreasing	-3.8	48	-1.29	Decreasing	-15.9
PTX06-1157	647101.97	3753701.98	48	-0.11	Decreasing	-1.02	10	-0.41	Decreasing	-1.3	48	-0.11	Decreasing	-1.02
PTX07-1R01	627914.28	3764159.91	70	-1.14	Decreasing	-22.85	8	-1.06	Decreasing	-1.4	46	-1.22	Decreasing	-12.95
PTX08-1011A	622327.80	3760147.86	44	-0.58	Decreasing	-14.78	4	-0.64	Decreasing	-1.1	23	-0.61	Decreasing	-6.51

**PTX01-1010 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

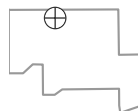


Notes:

1. Top of screen elevation is 3104.01 ft msl.
 2. The bottom of screen elevation is 2729.01 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

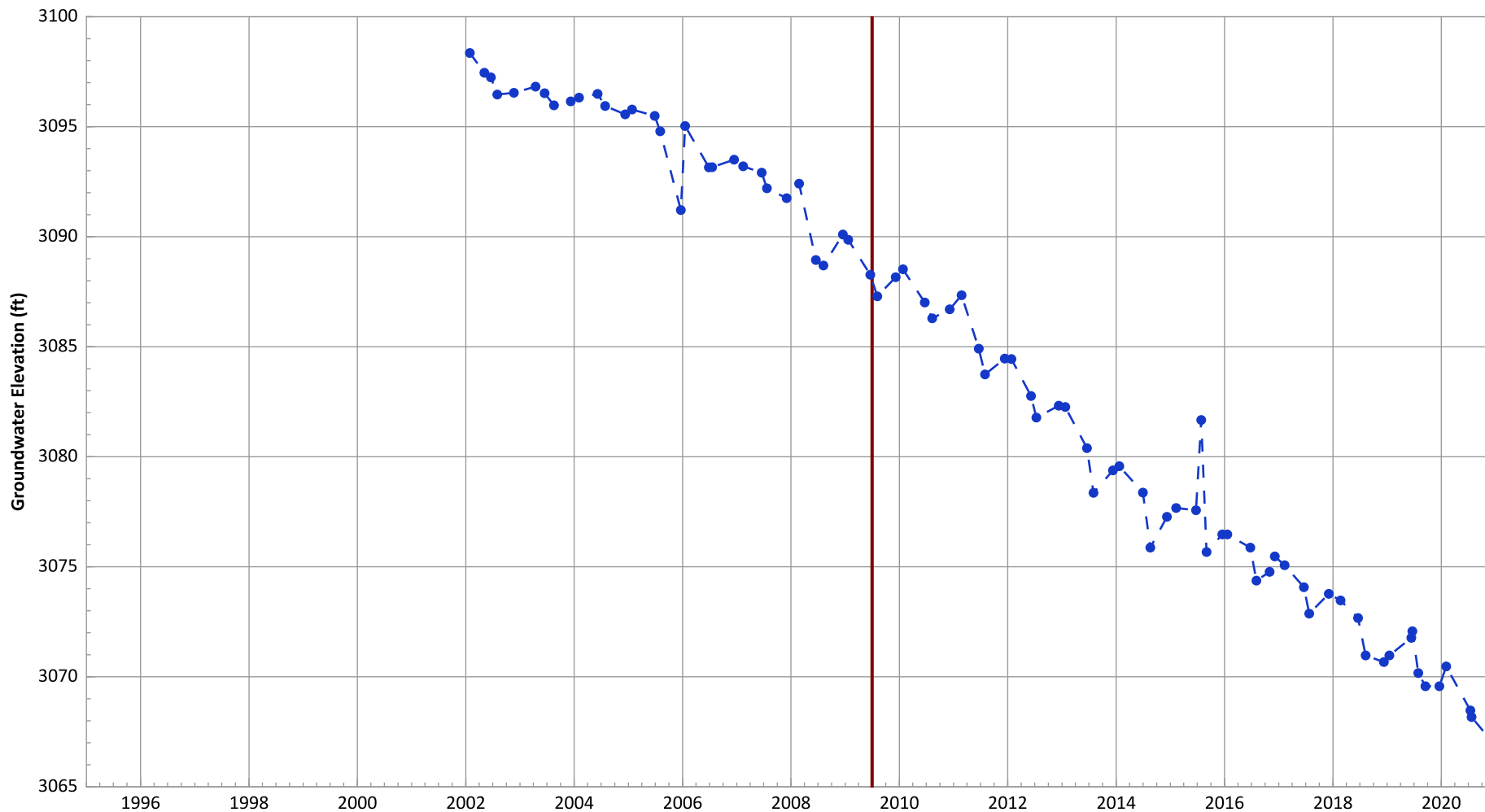
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 3.05 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.86 ft/yr

**PTX01-1011 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

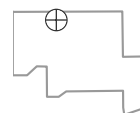


Notes:

1. Top of screen elevation is 3107.81 ft msl.
 2. The bottom of screen elevation is 2782.81 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

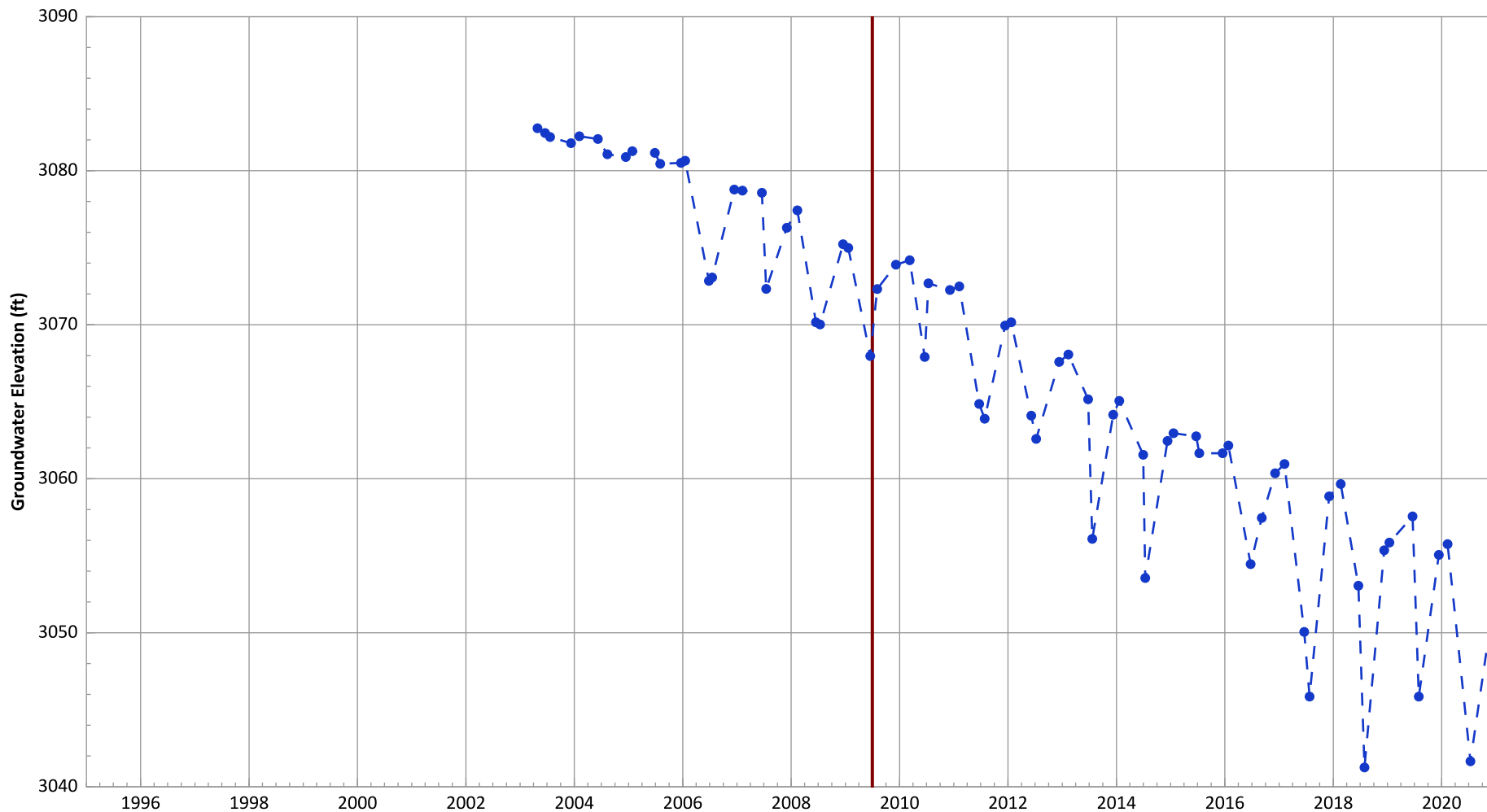
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 2.38 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.79 ft/yr

**PTX01-1012 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

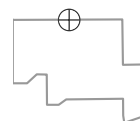


Notes:

1. Top of screen elevation is 3112.48 ft msl.
 2. The bottom of screen elevation is 2677.48 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

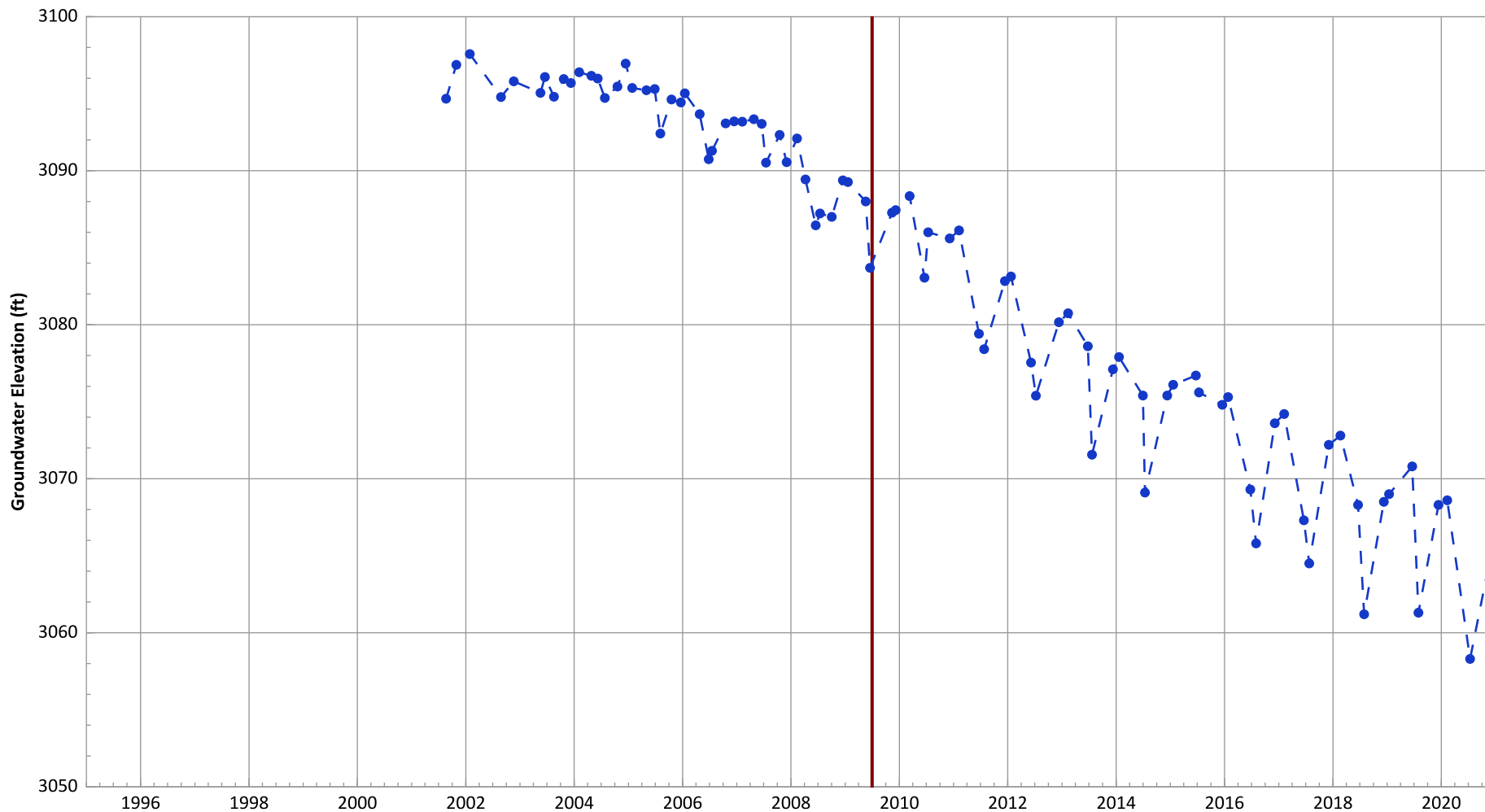
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 3.18 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 2.11 ft/yr

**PTX01-1013 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

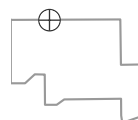


Notes:

1. Top of screen elevation is 3122.17 ft msl.
 2. The bottom of screen elevation is 2717.17 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

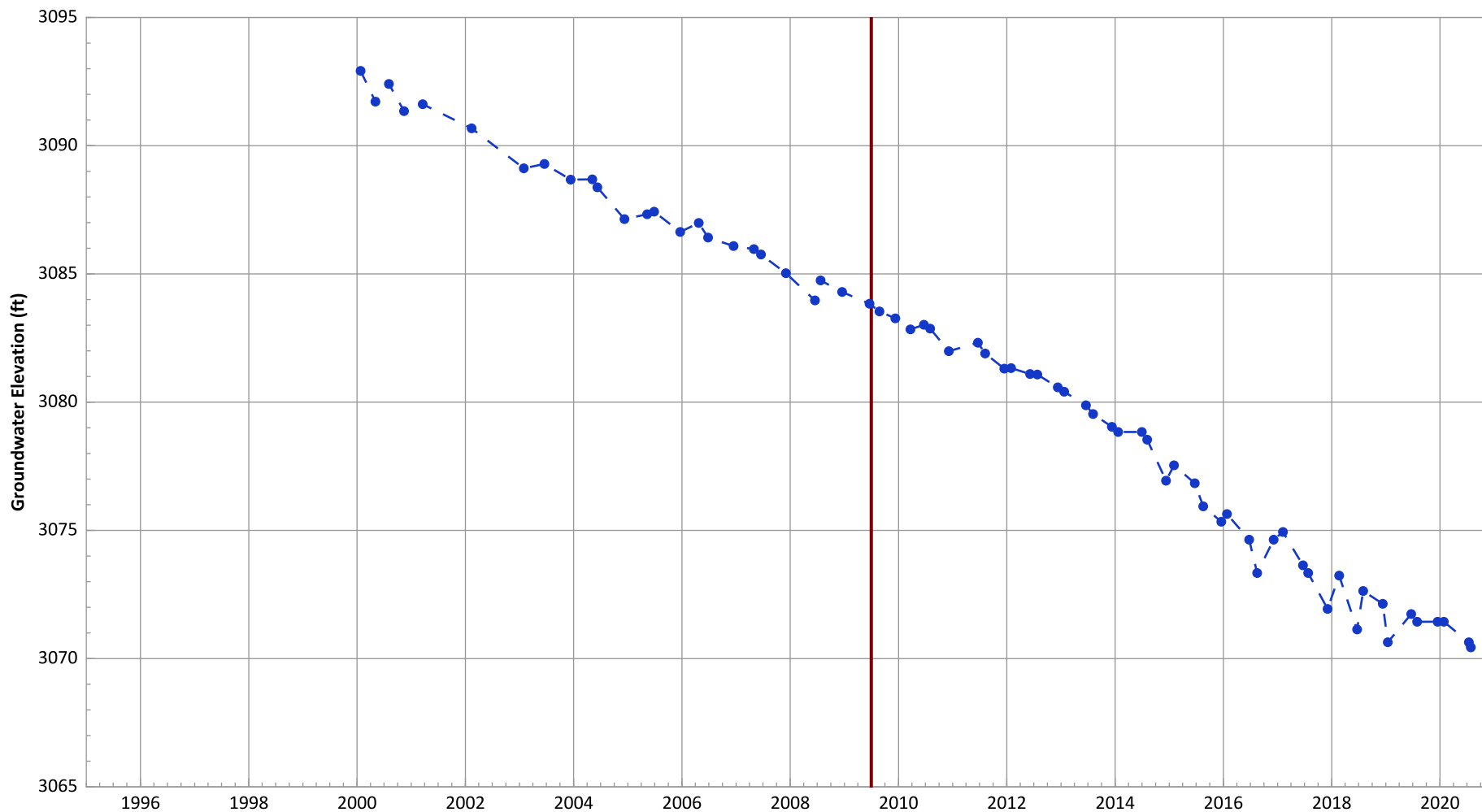
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 2.66 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 2.04 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

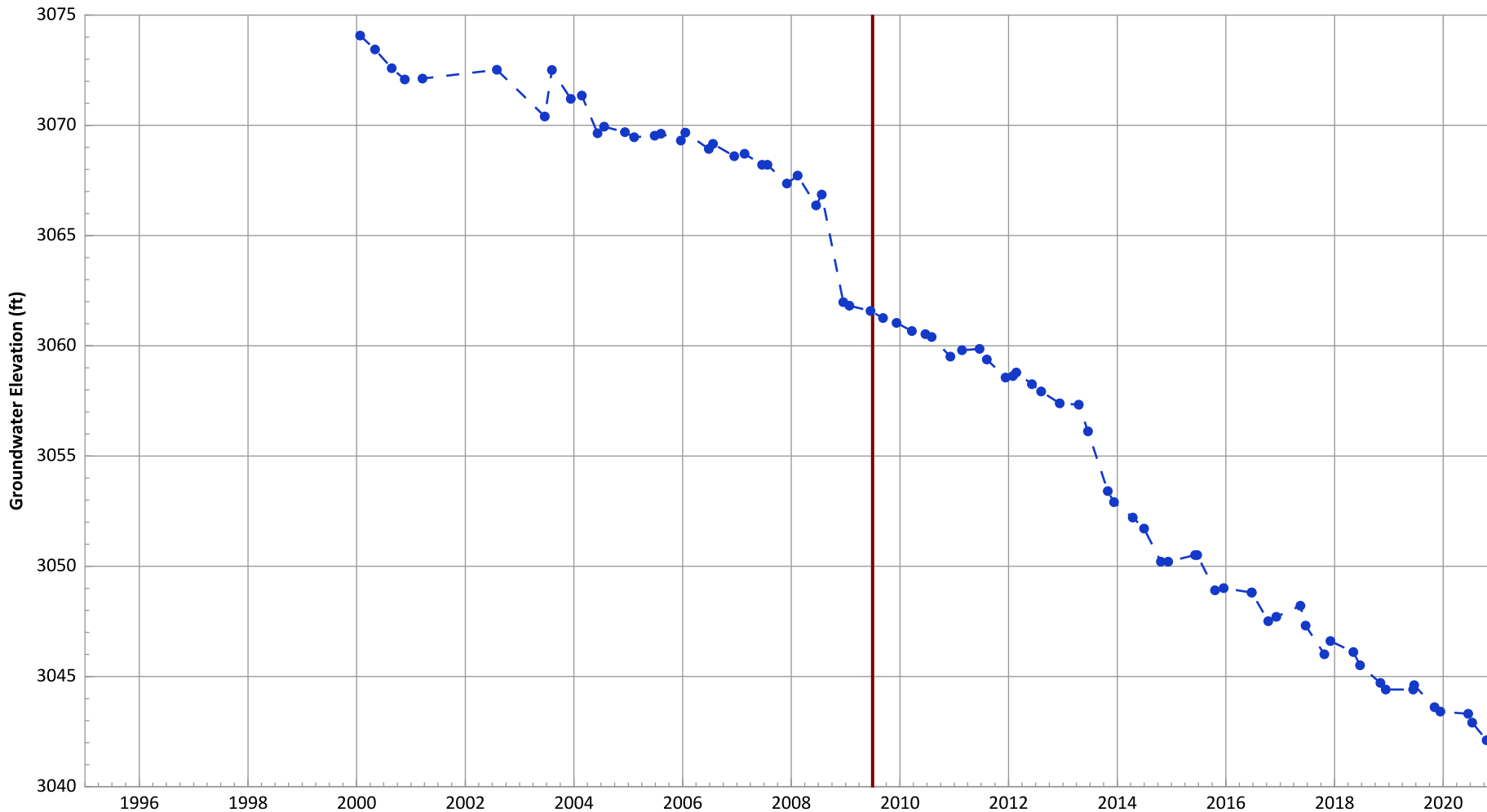
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.07 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.3 ft/yr

**PTX06-1044 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

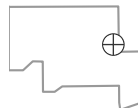


Notes:

1. Top of screen elevation is 3148.69 ft msl.
 2. The bottom of screen elevation is 2928.69 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

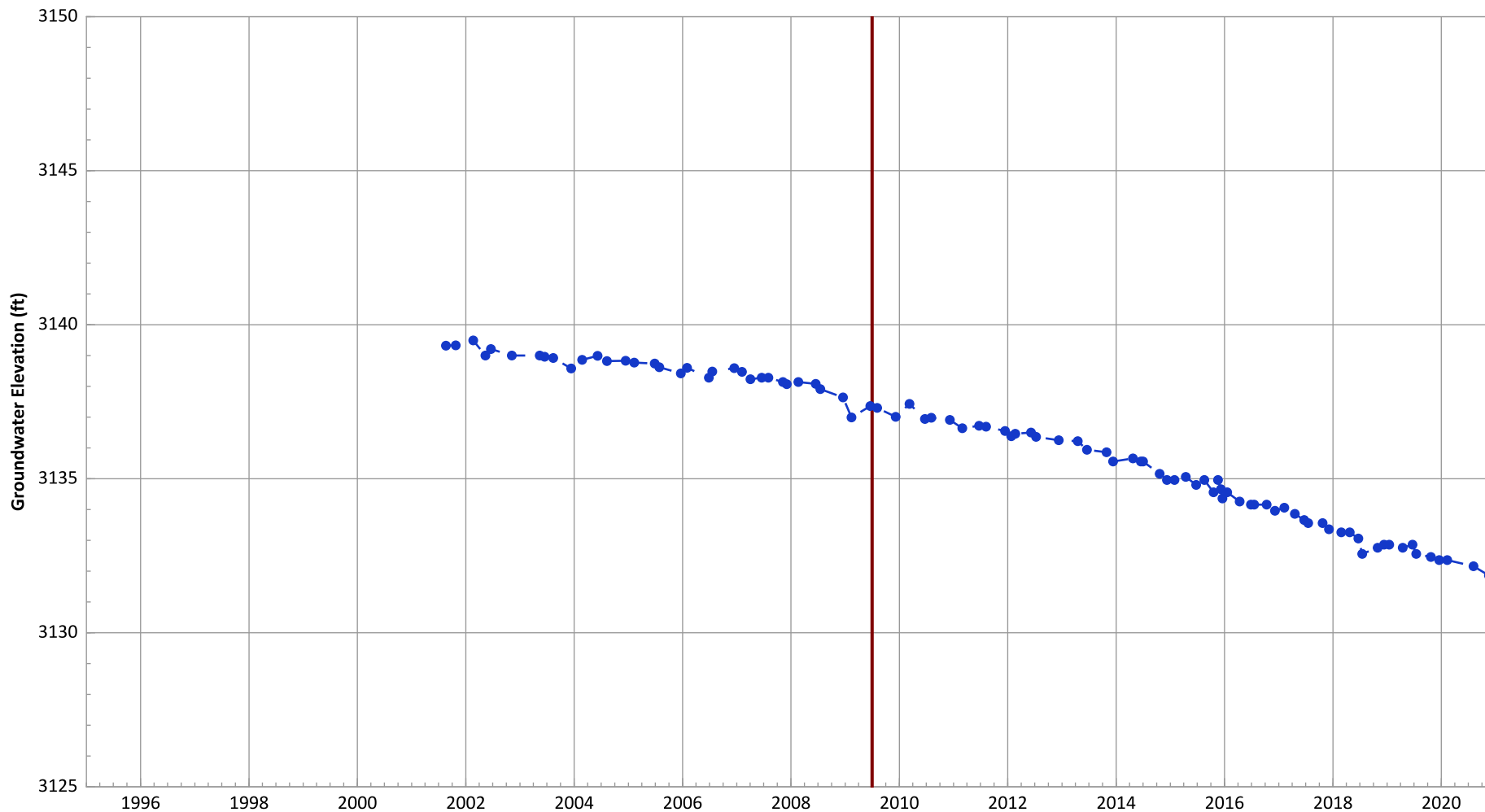
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.69 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.86 ft/yr

**PTX06-1056 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

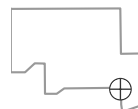


Notes:

1. Top of screen elevation is 3180.77 ft msl.
 2. The bottom of screen elevation is 3060.77 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

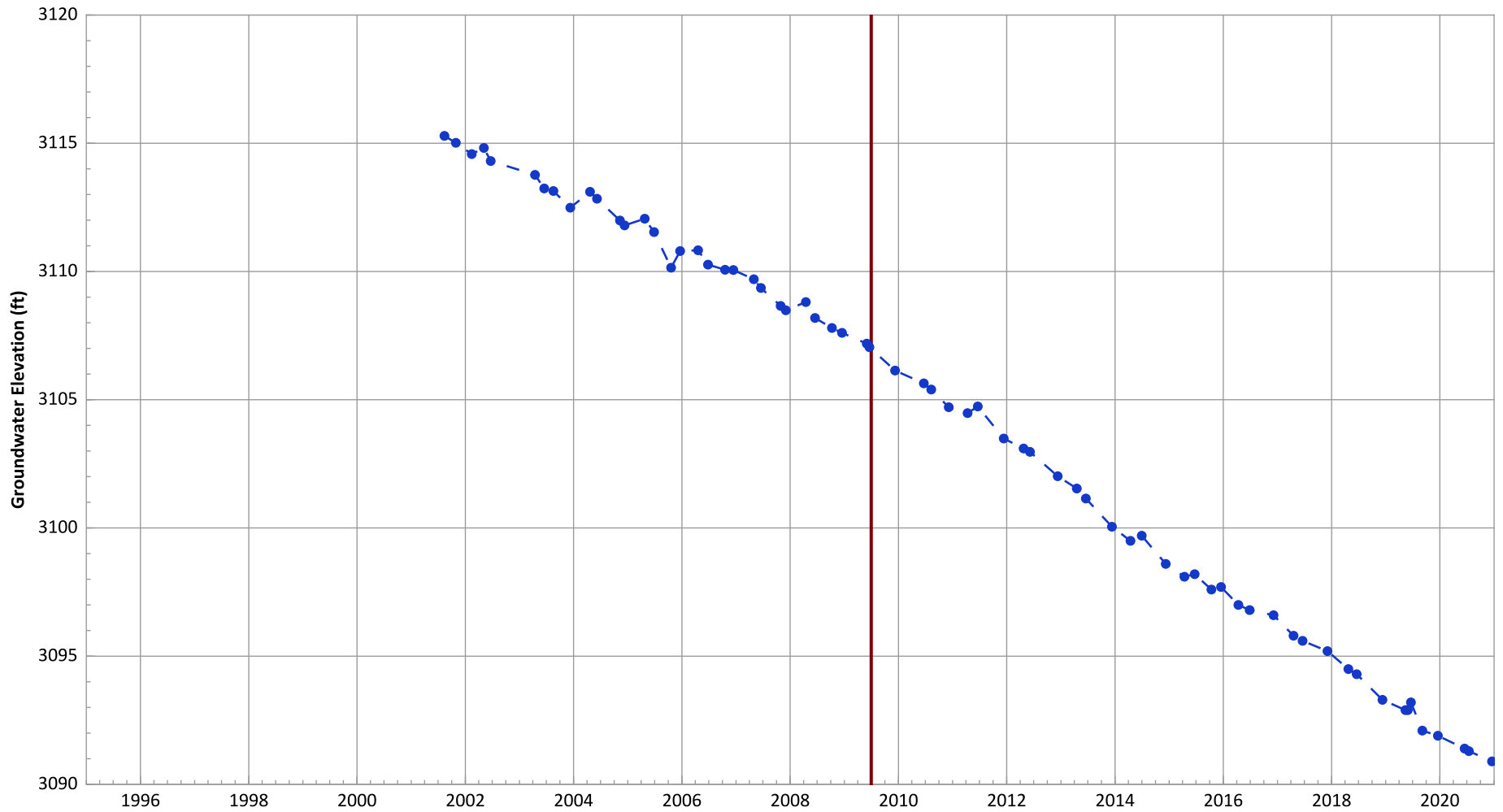
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.69 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.51 ft/yr

**PTX06-1057A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

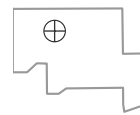


Notes:

1. Top of screen elevation is 3141.52 ft msl.
 2. The bottom of screen elevation is 2811.52 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

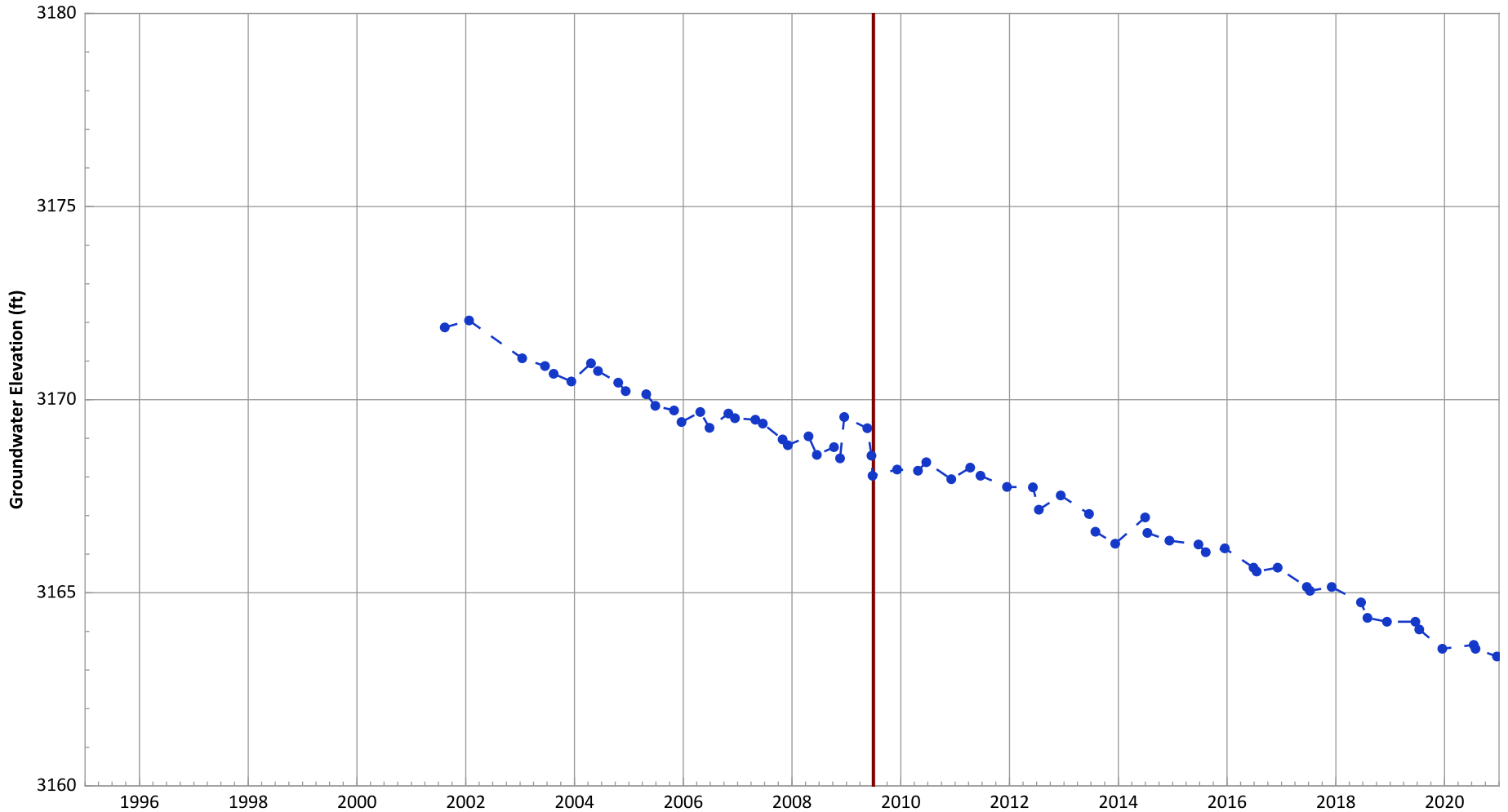
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.35 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.42 ft/yr

**PTX06-1058 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**



Notes:

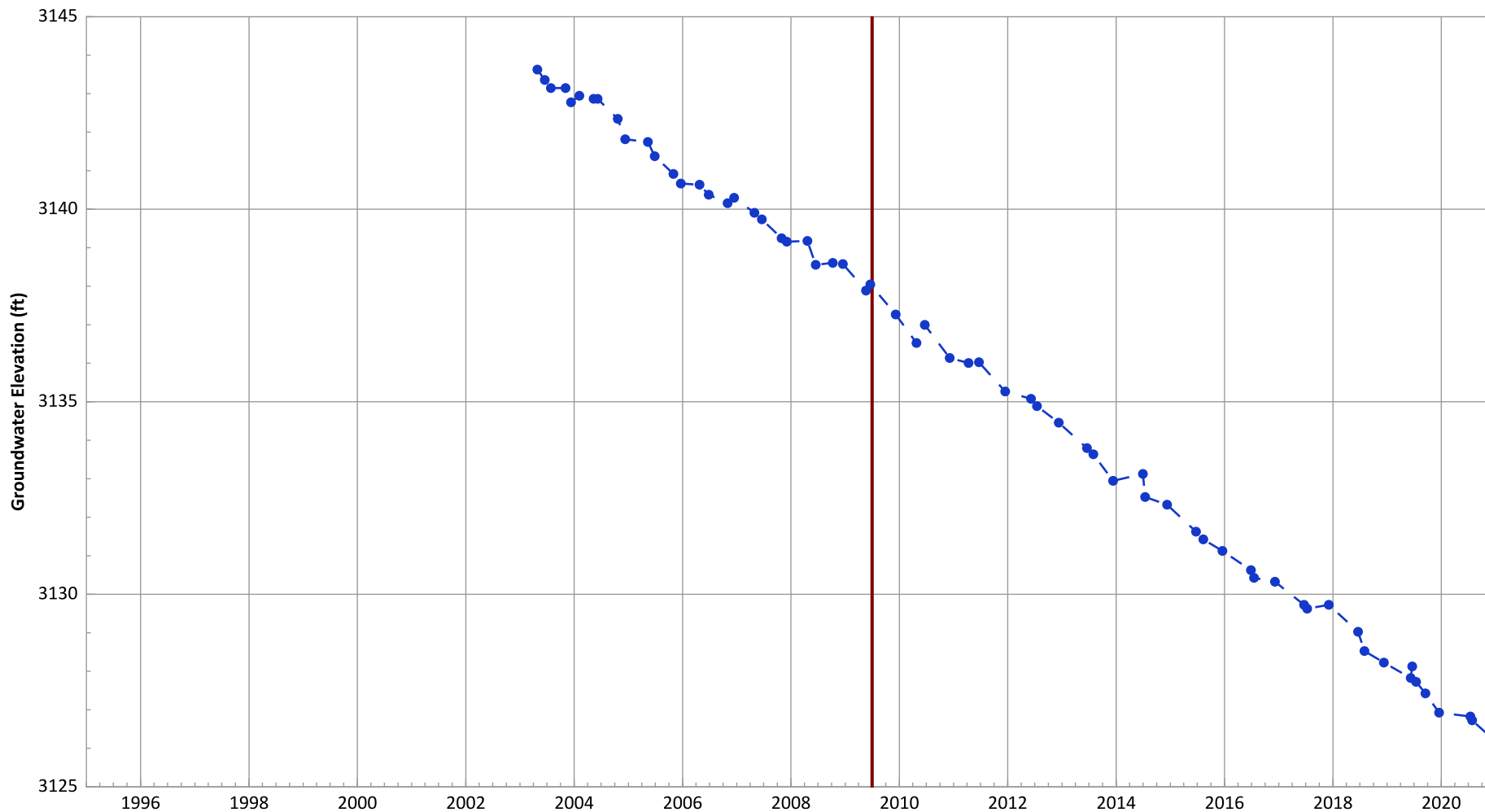
1. Top of screen elevation is 3188.45 ft msl.
 2. The bottom of screen elevation is 3038.45 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.5 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.47 ft/yr

PTX06-1059 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

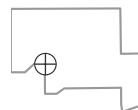


Notes:

1. Top of screen elevation is 3167.39 ft msl.
 2. The bottom of screen elevation is 3007.39 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
— Start of Remedial Action

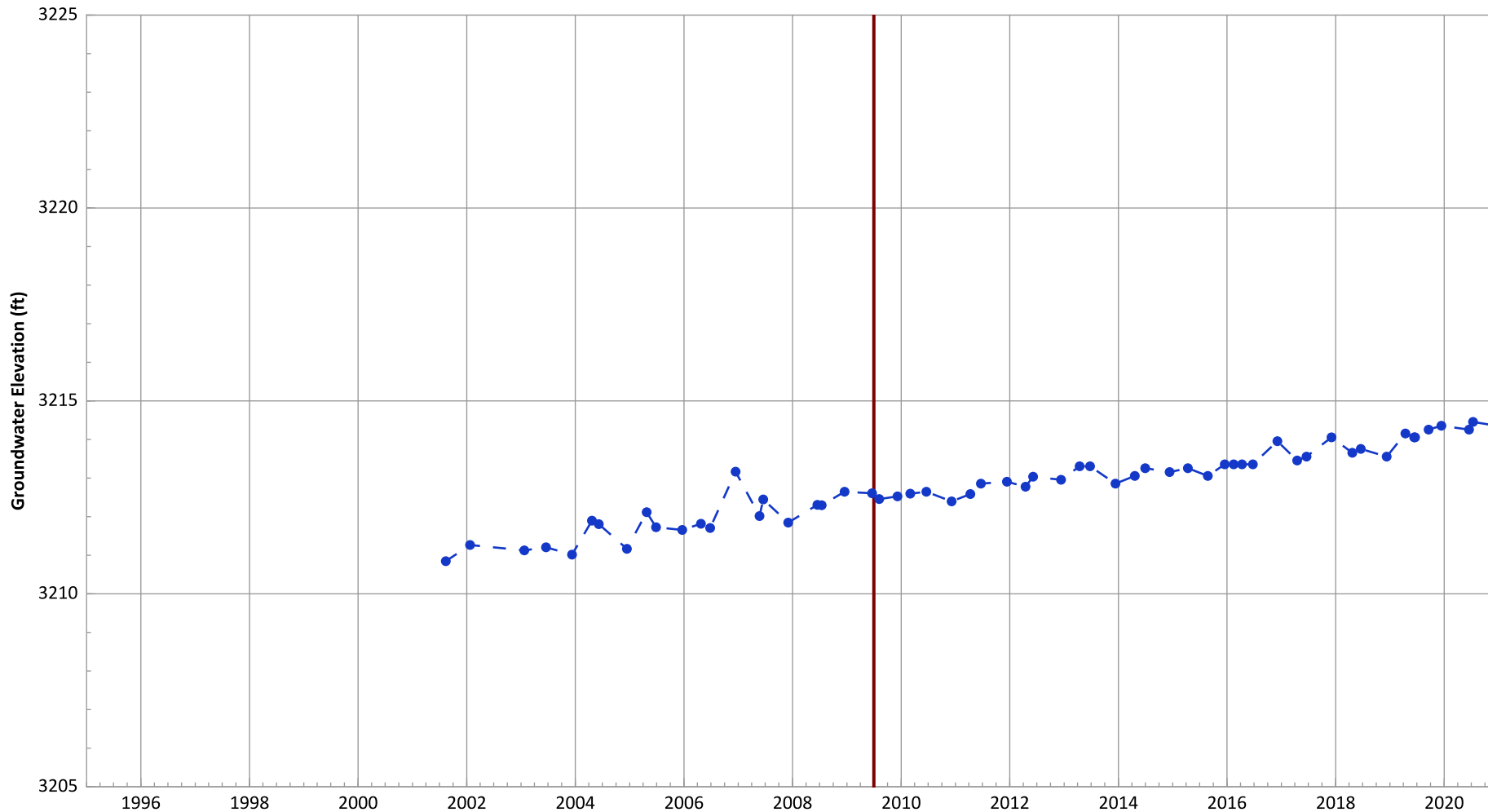
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 1.05 ft/yr
Data (7/2009 - 1/2021): Decreasing at 1.0 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

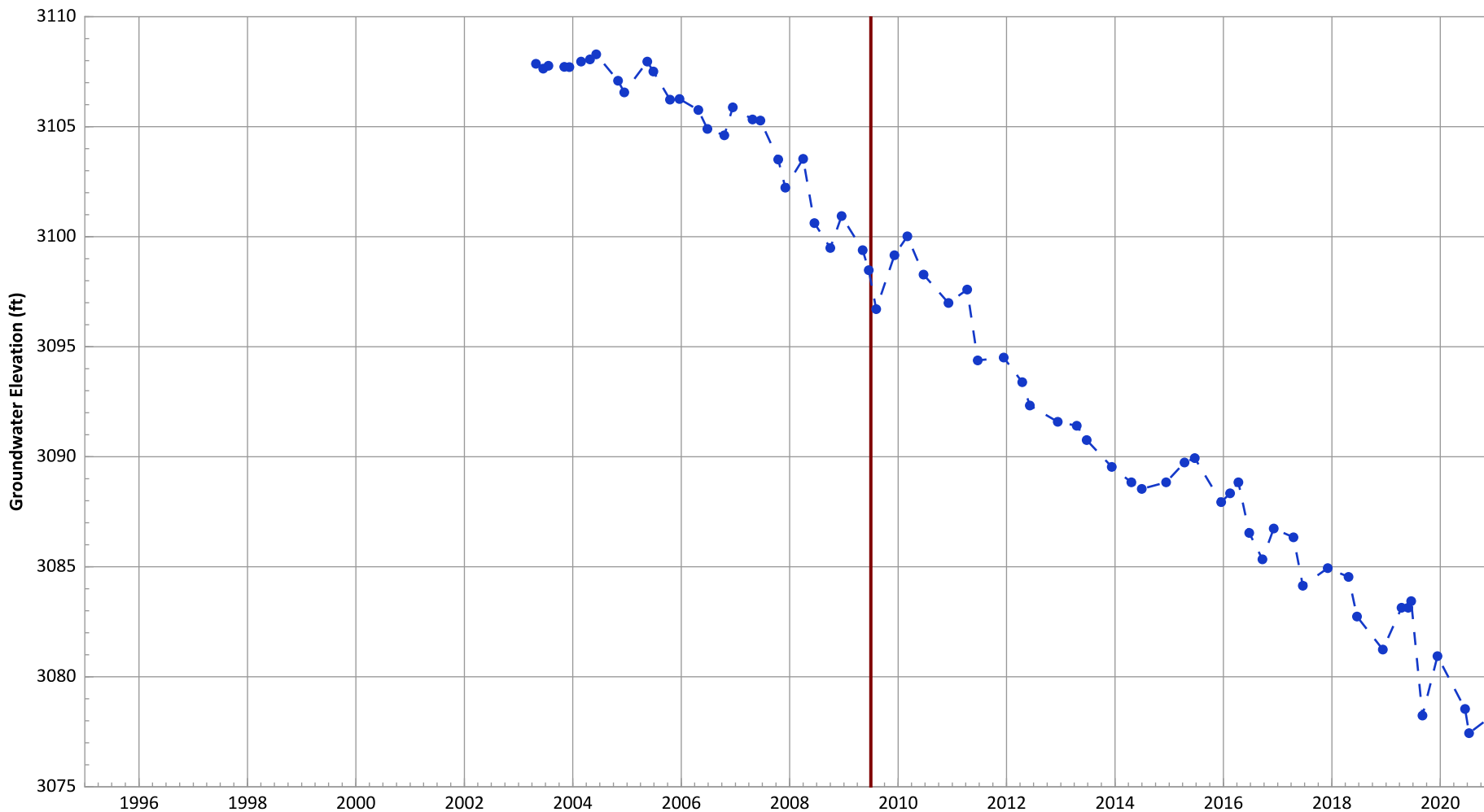
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Increasing at 0.19 ft/yr
 Data (7/2009 - 1/2021): Increasing at 0.17 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

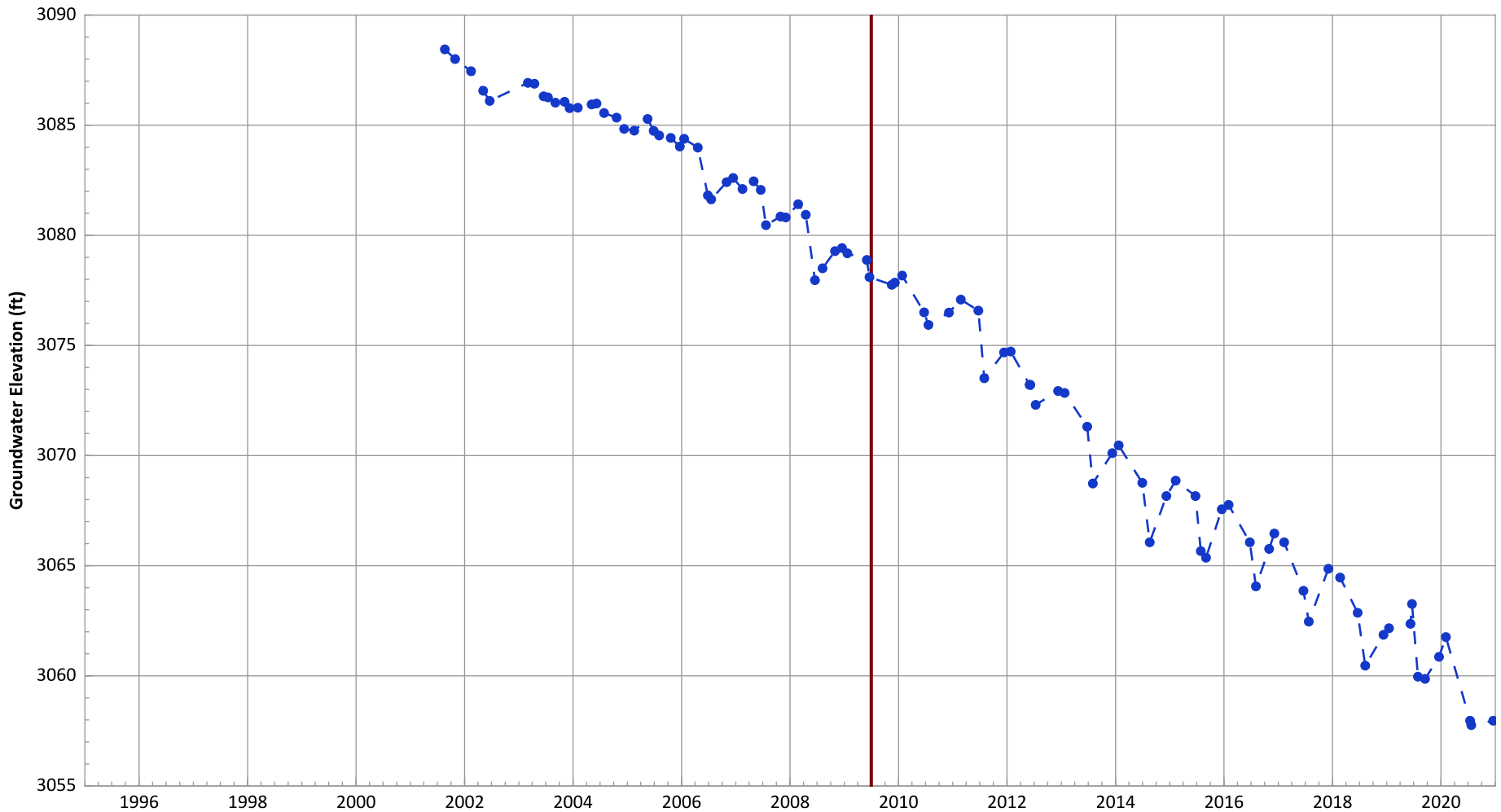
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 3.39 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.76 ft/yr

**PTX06-1062A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

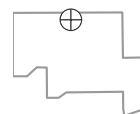


Notes:

1. Top of screen elevation is 3103.89 ft msl.
 2. The bottom of screen elevation is 2683.89 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

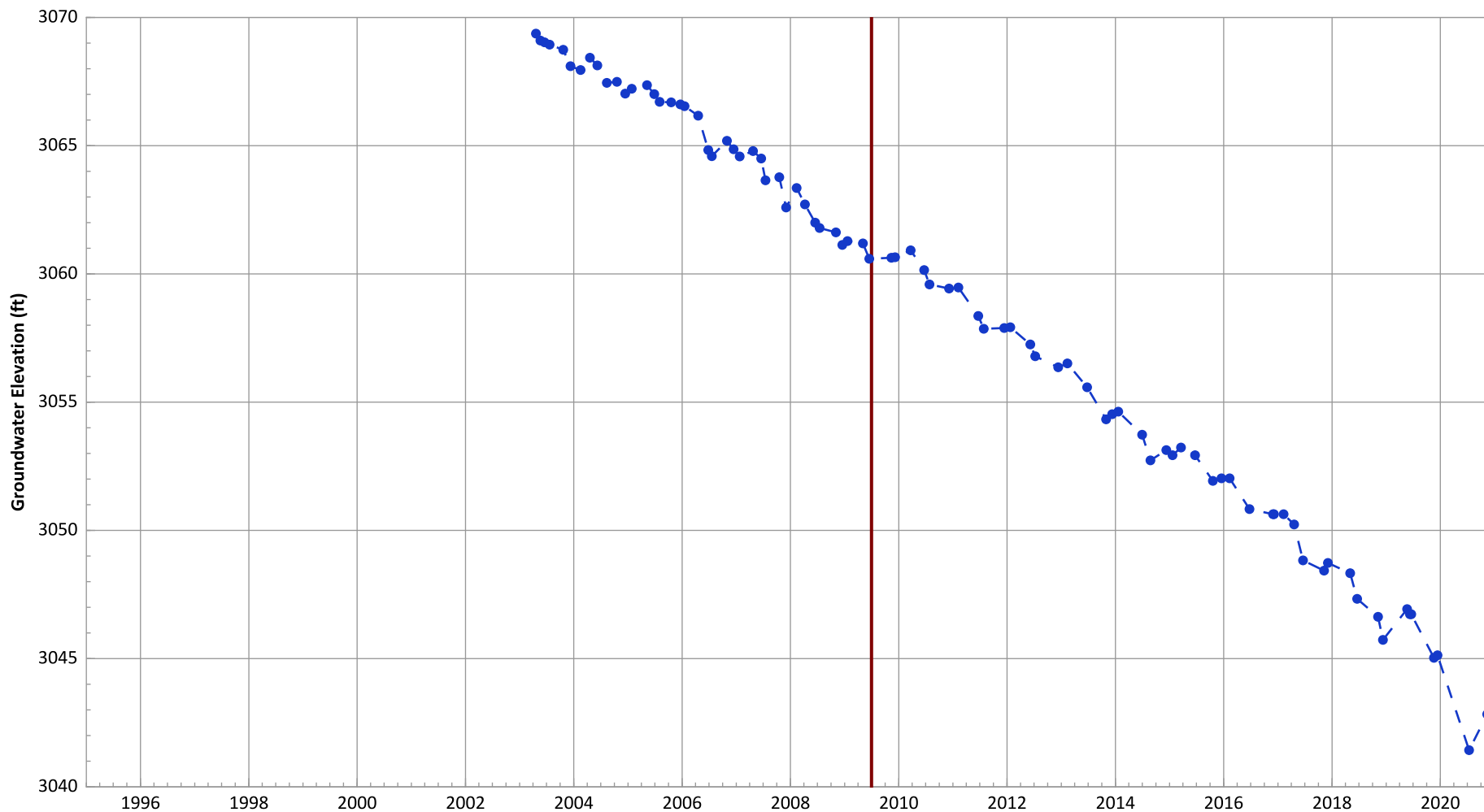
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 2.74 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.76 ft/yr

PTX06-1064 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



Notes:

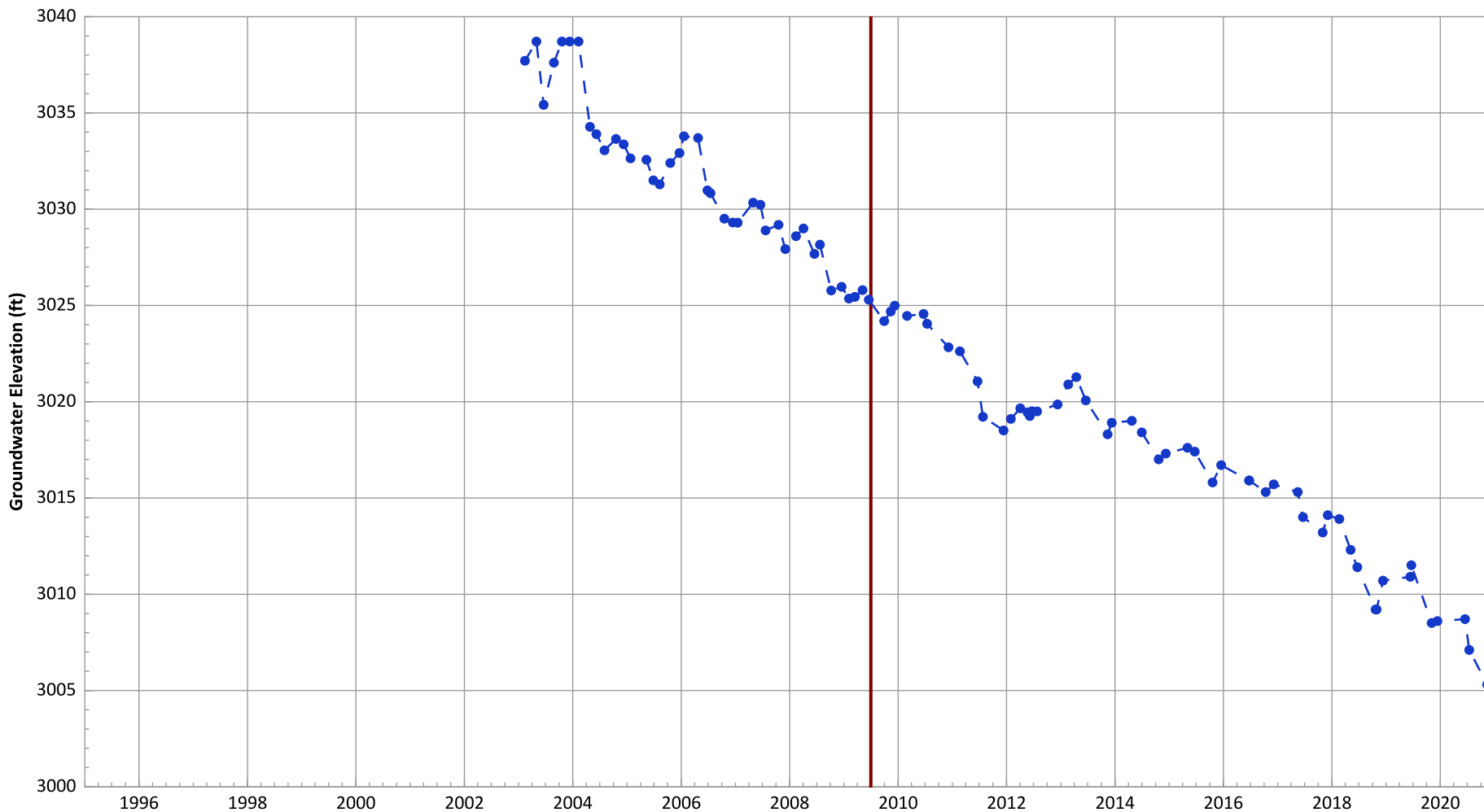
1. Top of screen elevation is 3121.99 ft msl.
 2. The bottom of screen elevation is 2771.99 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
— Start of Remedial Action



Hydrograph Trend
(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 3.2 ft/yr
Data (7/2009 - 1/2021): Decreasing at 1.6 ft/yr

PTX06-1068 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

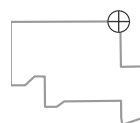


Notes:

1. Top of screen elevation is 3081.55 ft msl.
 2. The bottom of screen elevation is 2736.55 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
— Start of Remedial Action

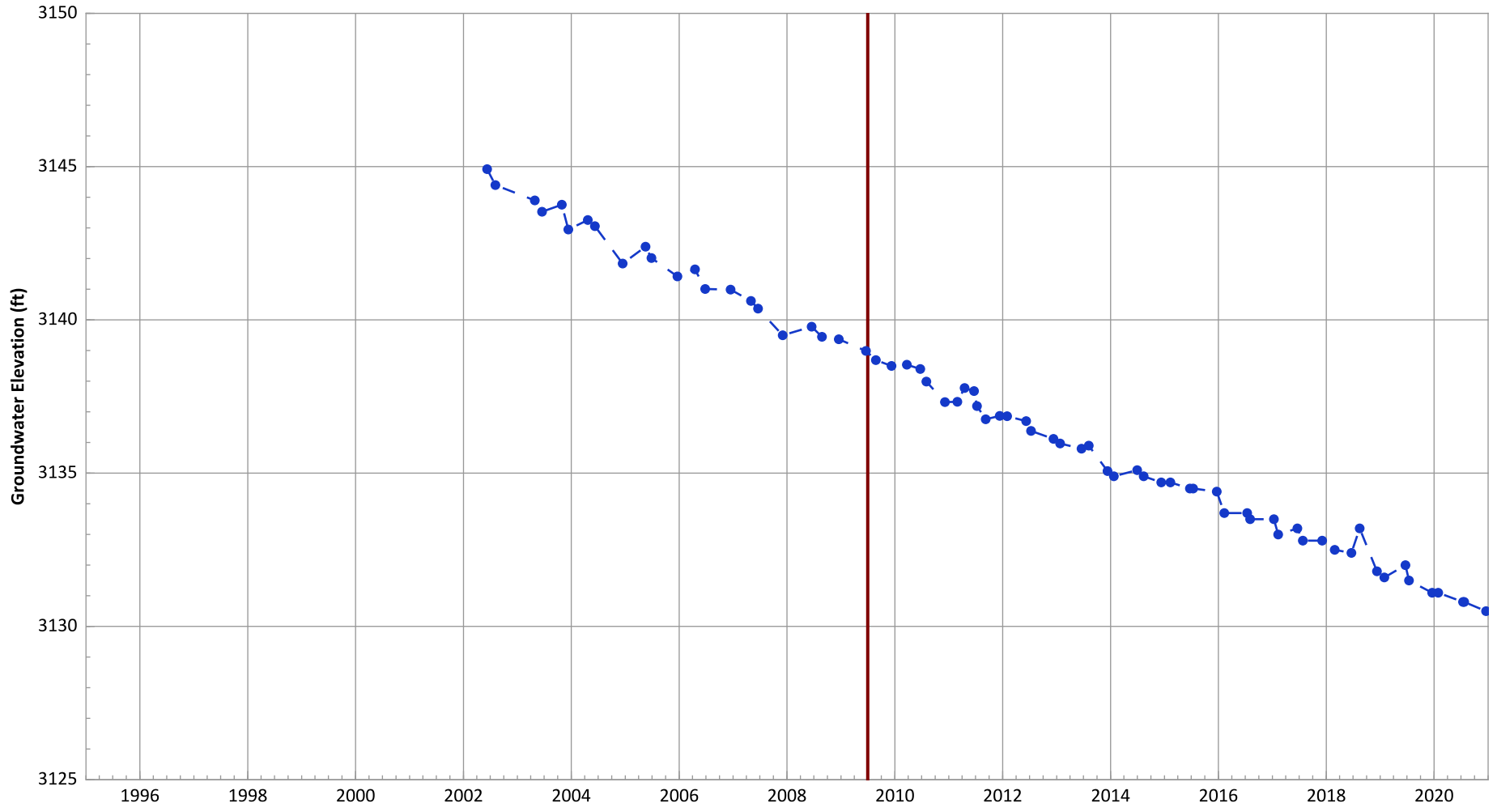
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 3.43 ft/yr
Data (7/2009 - 1/2021): Decreasing at 1.51 ft/yr

**PTX06-1072 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**



Notes:

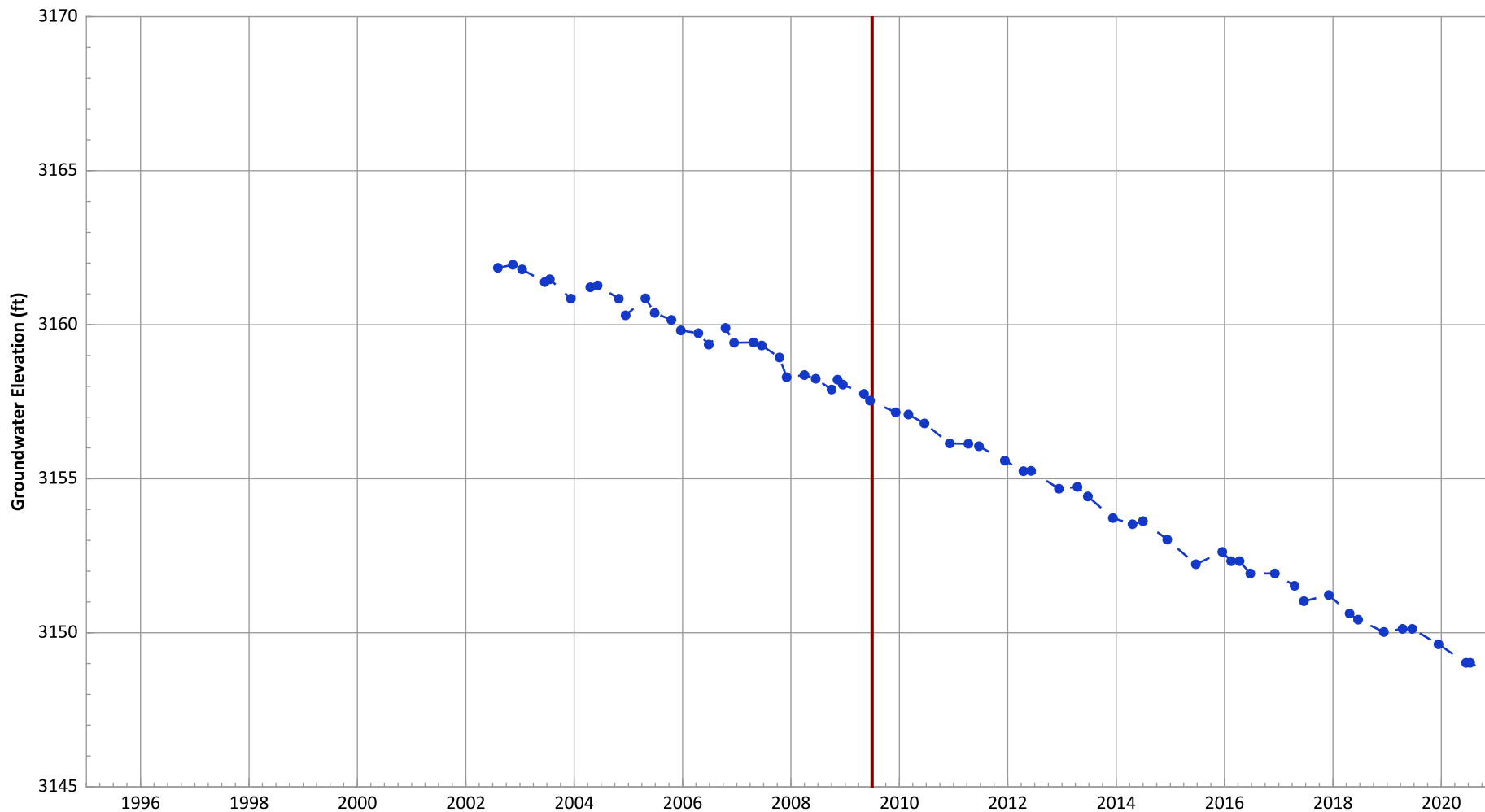
1. Top of screen elevation is 3146.3 ft msl.
 2. The bottom of screen elevation is 3006.3 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.71 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.71 ft/yr

PTX06-1074 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



Notes:

1. Top of screen elevation is 3175.53 ft msl.
 2. The bottom of screen elevation is 2955.53 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
— Start of Remedial Action

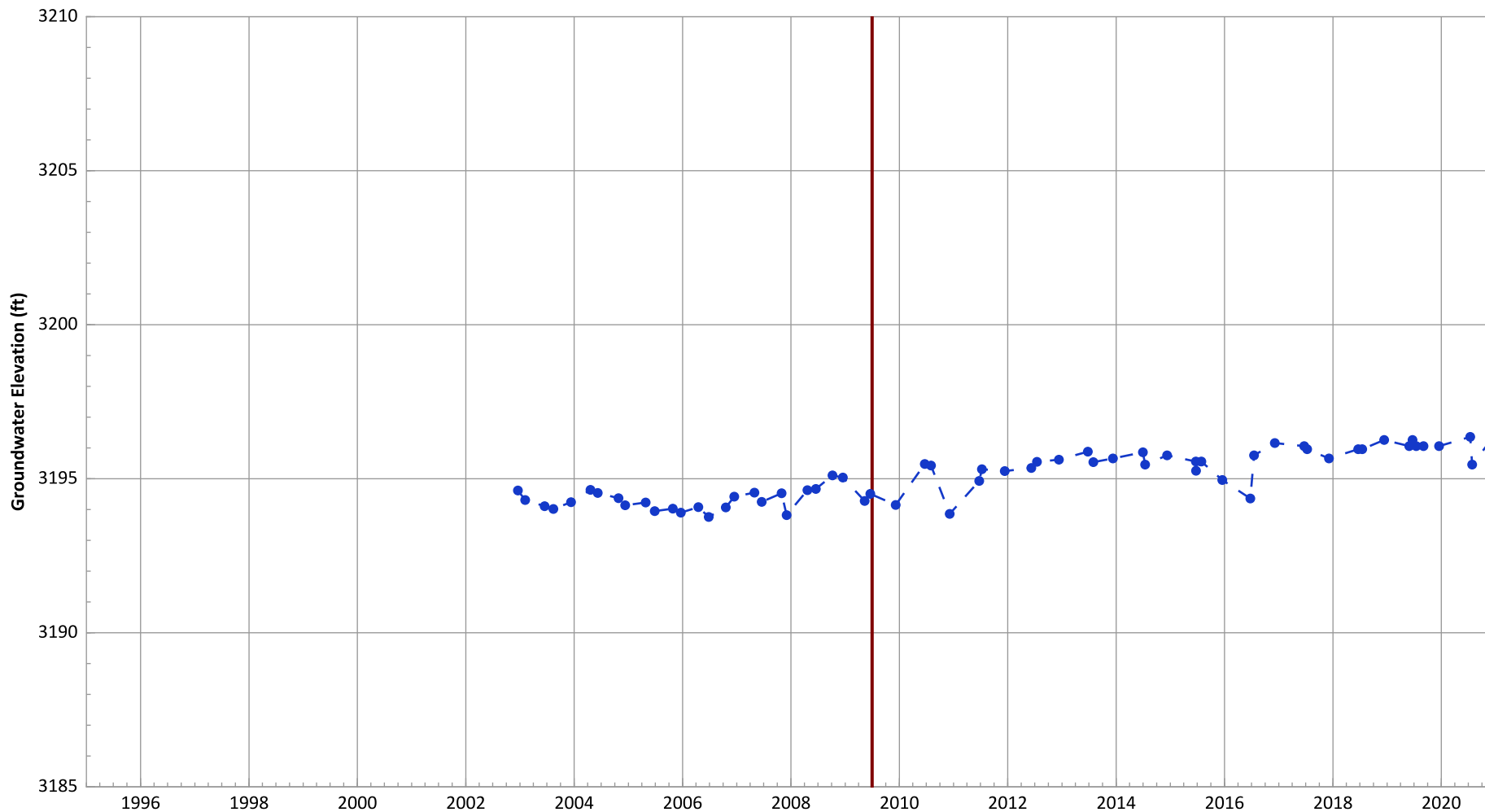
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 0.95 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.76 ft/yr

PTX06-1075 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

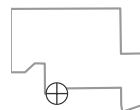


Notes:

1. Top of screen elevation is 3193.11 ft msl.
 2. The bottom of screen elevation is 3133.11 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
— Start of Remedial Action

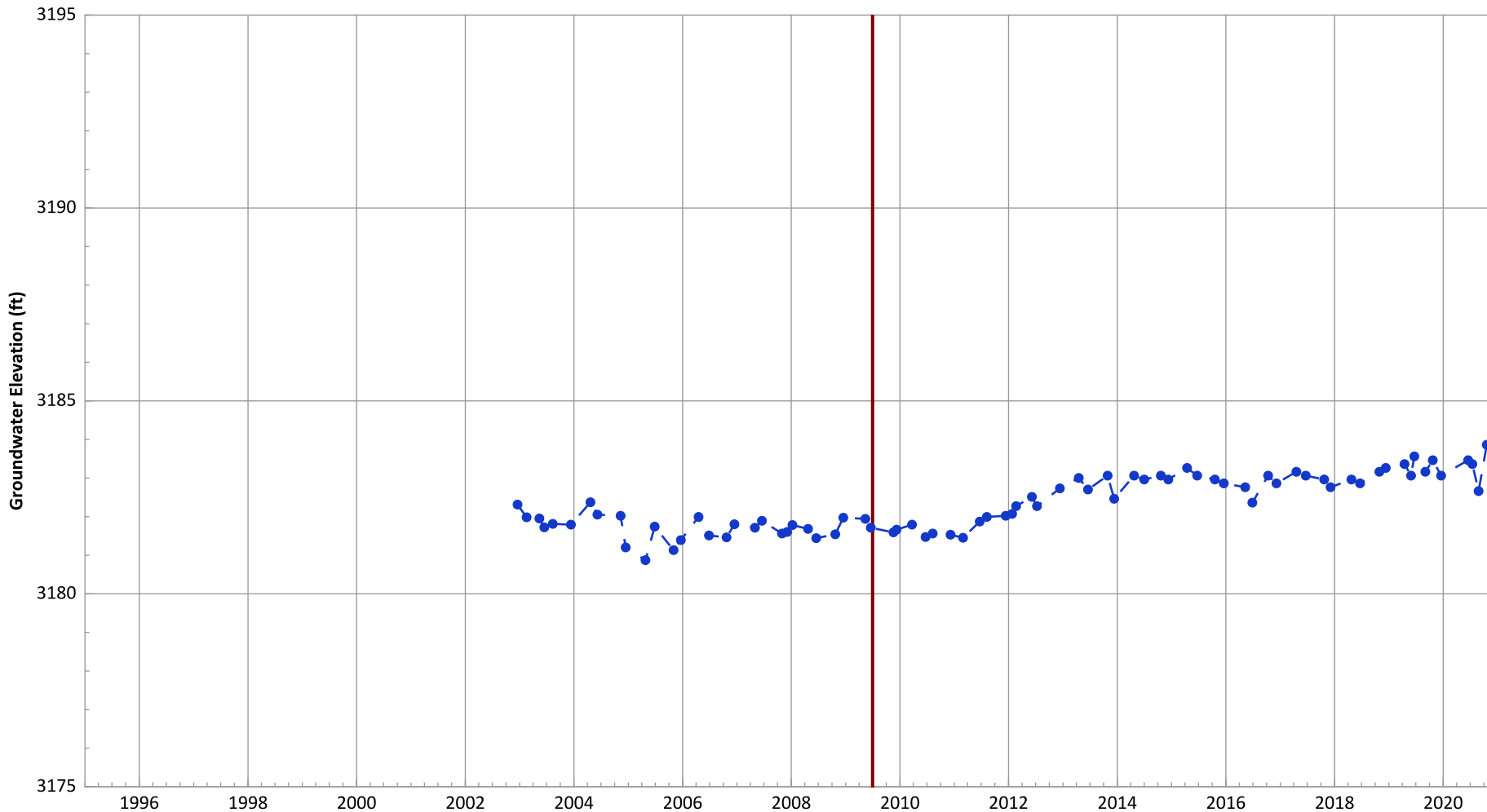
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): Increasing at 0.12 ft/yr

PTX06-1076 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

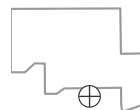


Notes:

1. Top of screen elevation is 3187.64 ft msl.
 2. The bottom of screen elevation is 3167.64 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
— Start of Remedial Action

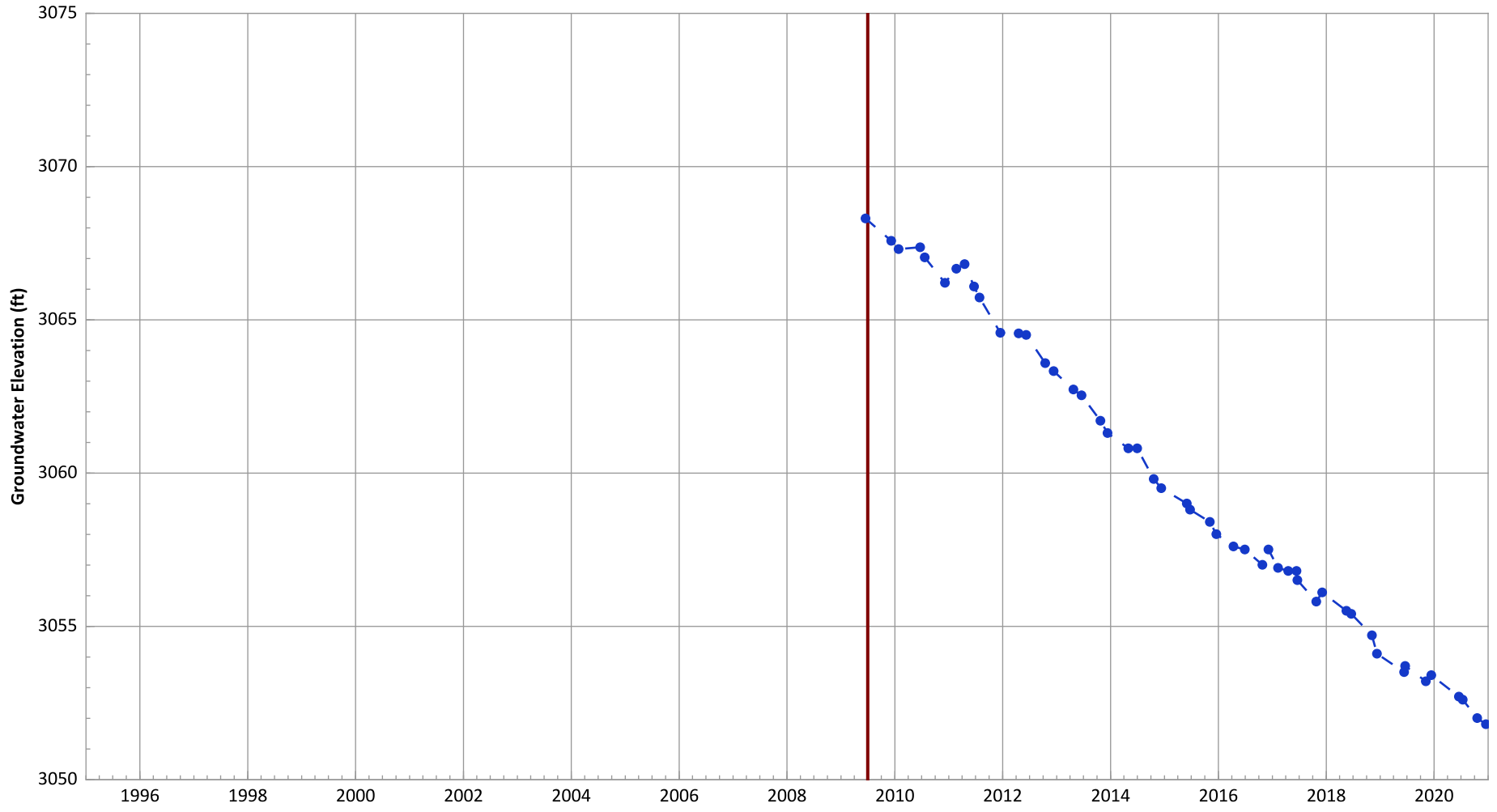
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: No Trend
Data (7/2009 - 1/2021): Increasing at 0.15 ft/yr

**PTX06-1137A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**



Notes:

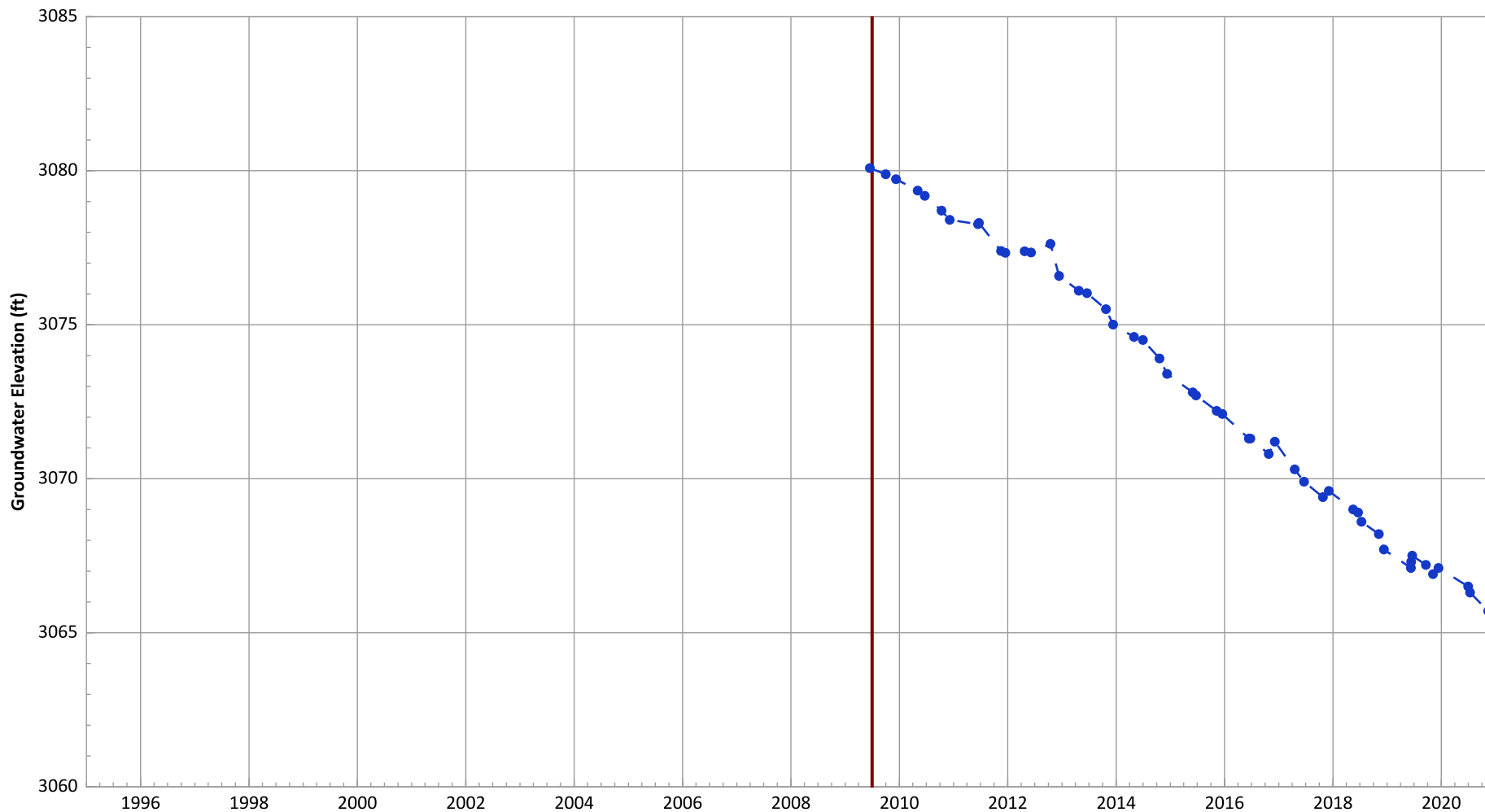
1. Top of screen elevation is 3107.5 ft msl.
 2. The bottom of screen elevation is 2952.5 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action



Hydrograph Trend
 (MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.16 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.48 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

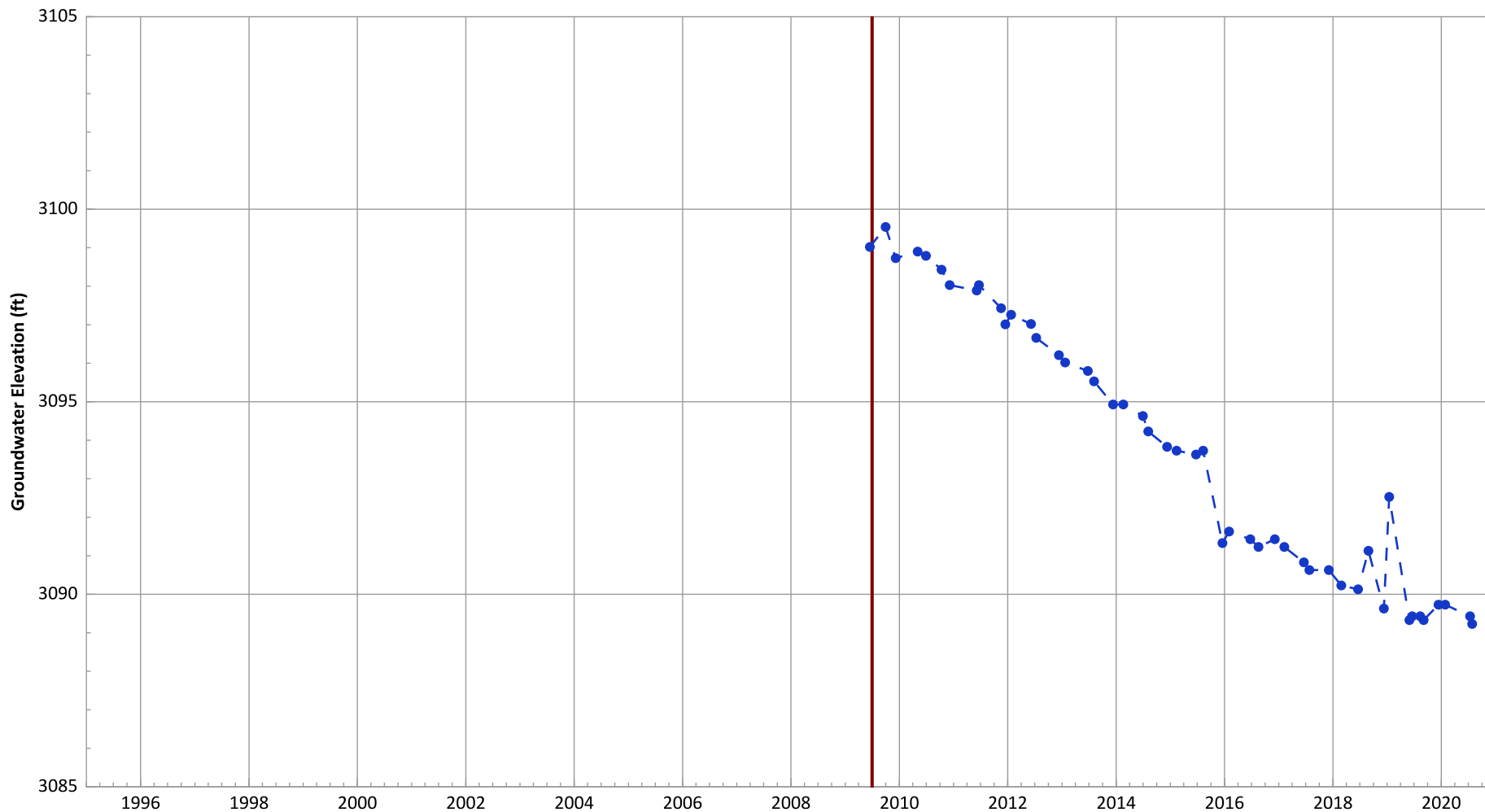
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.11 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.33 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

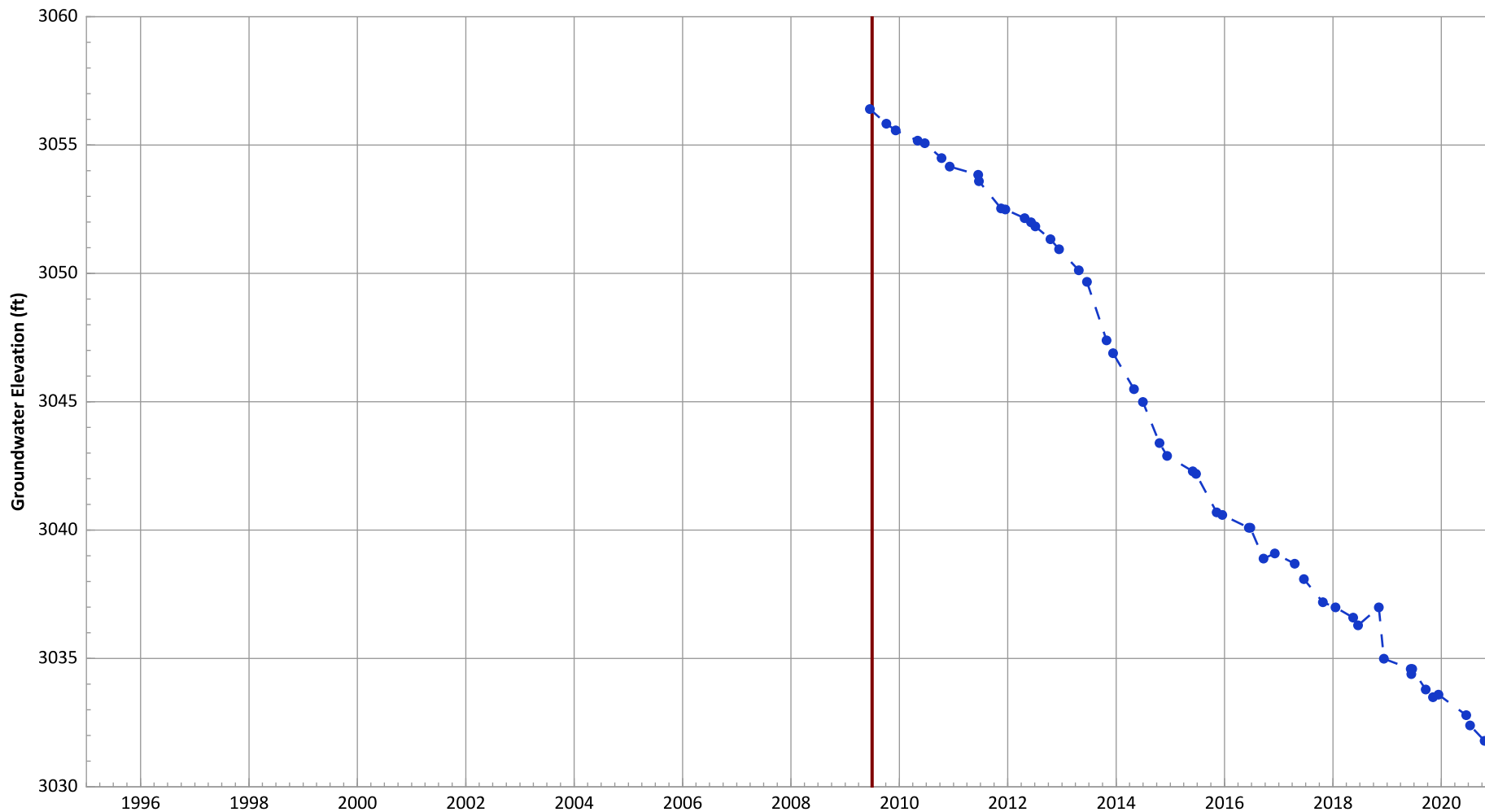
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.9 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.99 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

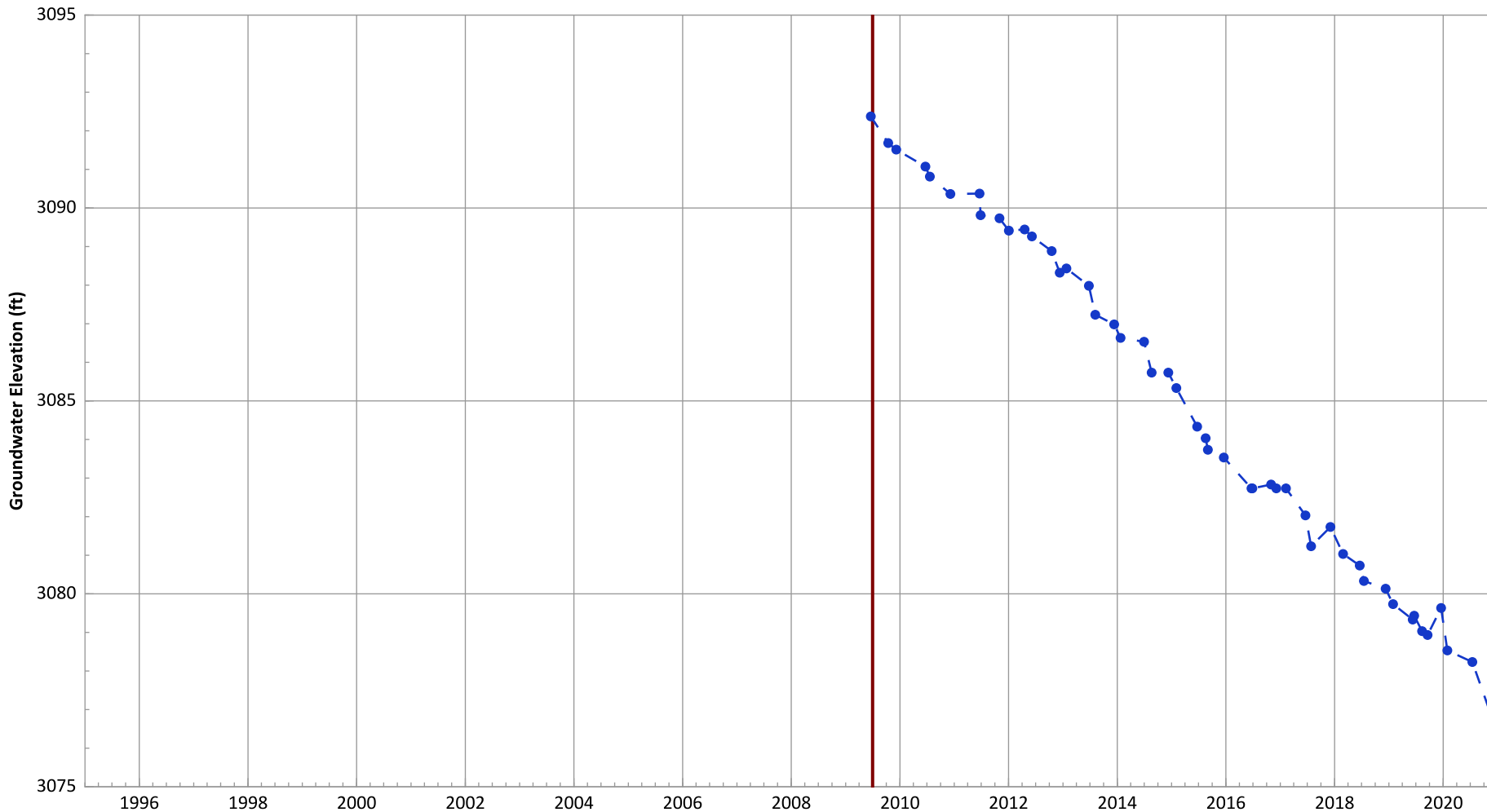
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.9 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 2.35 ft/yr

**PTX06-1141 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

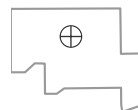


Notes:

1. Top of screen elevation is 3095.57 ft msl.
 2. The bottom of screen elevation is 2885.57 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

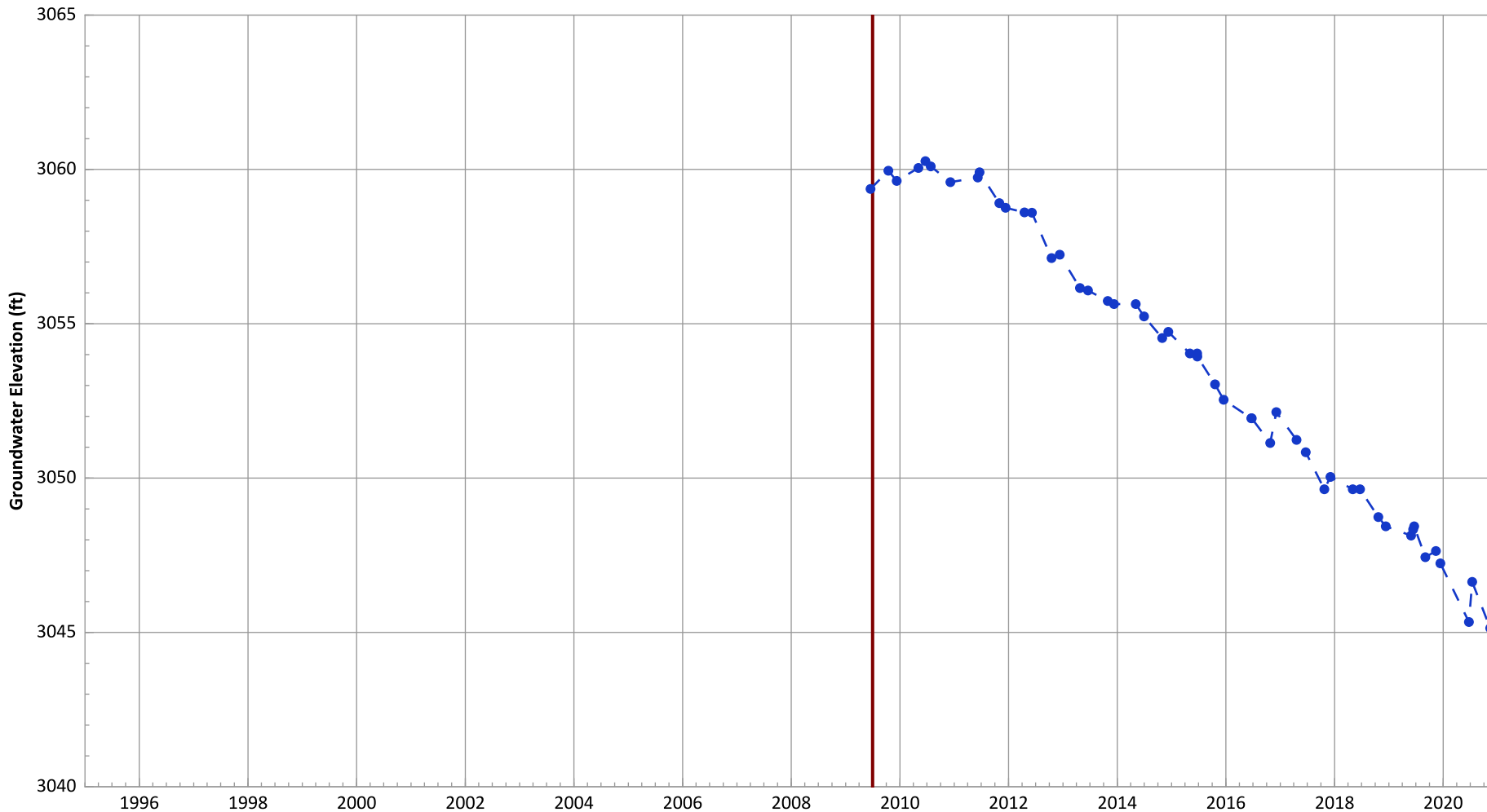
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.5 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.34 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

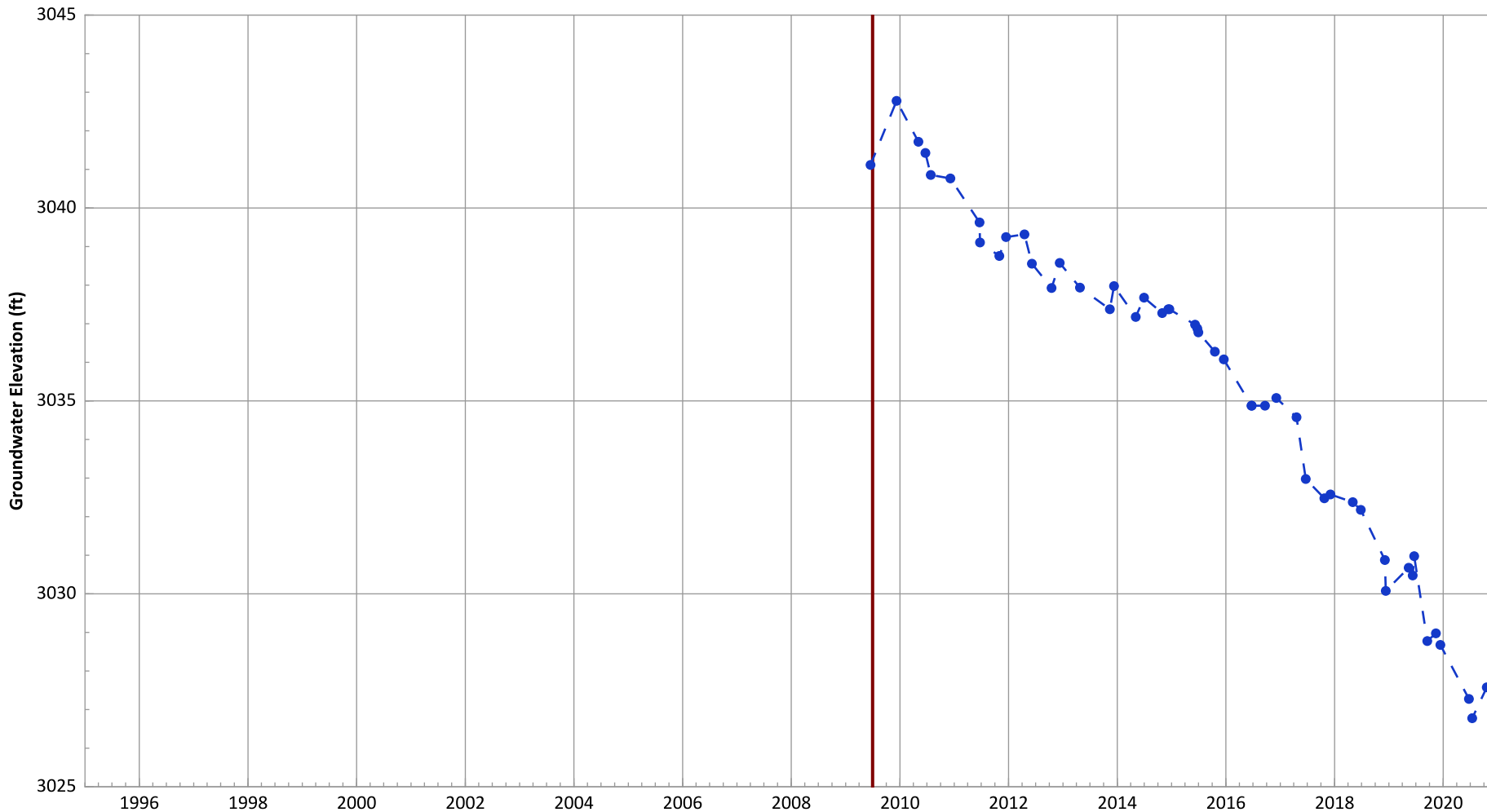
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 2.0 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.39 ft/yr

PTX06-1144 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



Notes:

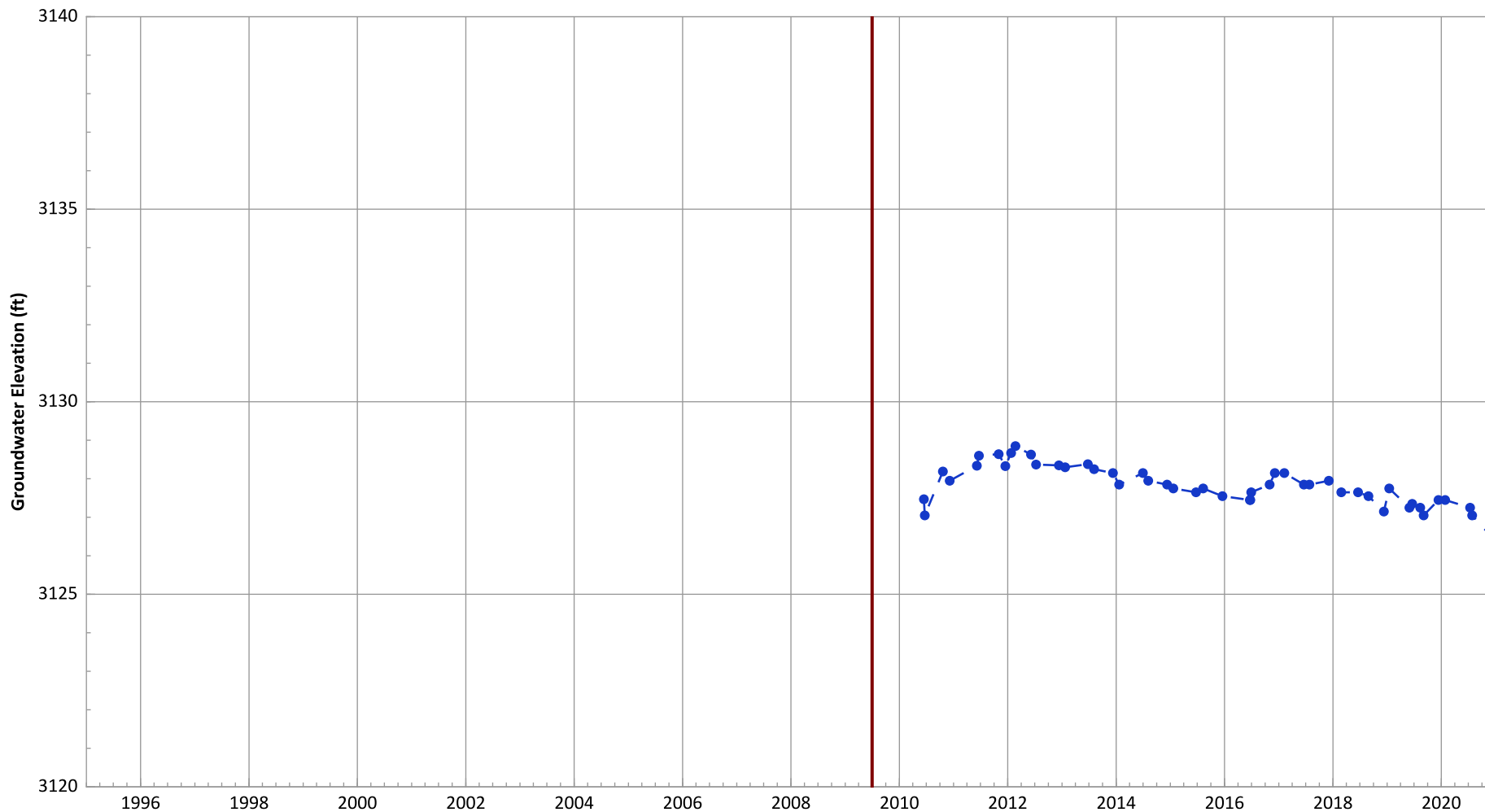
1. Top of screen elevation is 3041.34 ft msl.
 2. The bottom of screen elevation is 2726.34 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
— Start of Remedial Action



Hydrograph Trend
(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 2.5 ft/yr
Data (7/2009 - 1/2021): Decreasing at 1.29 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 continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

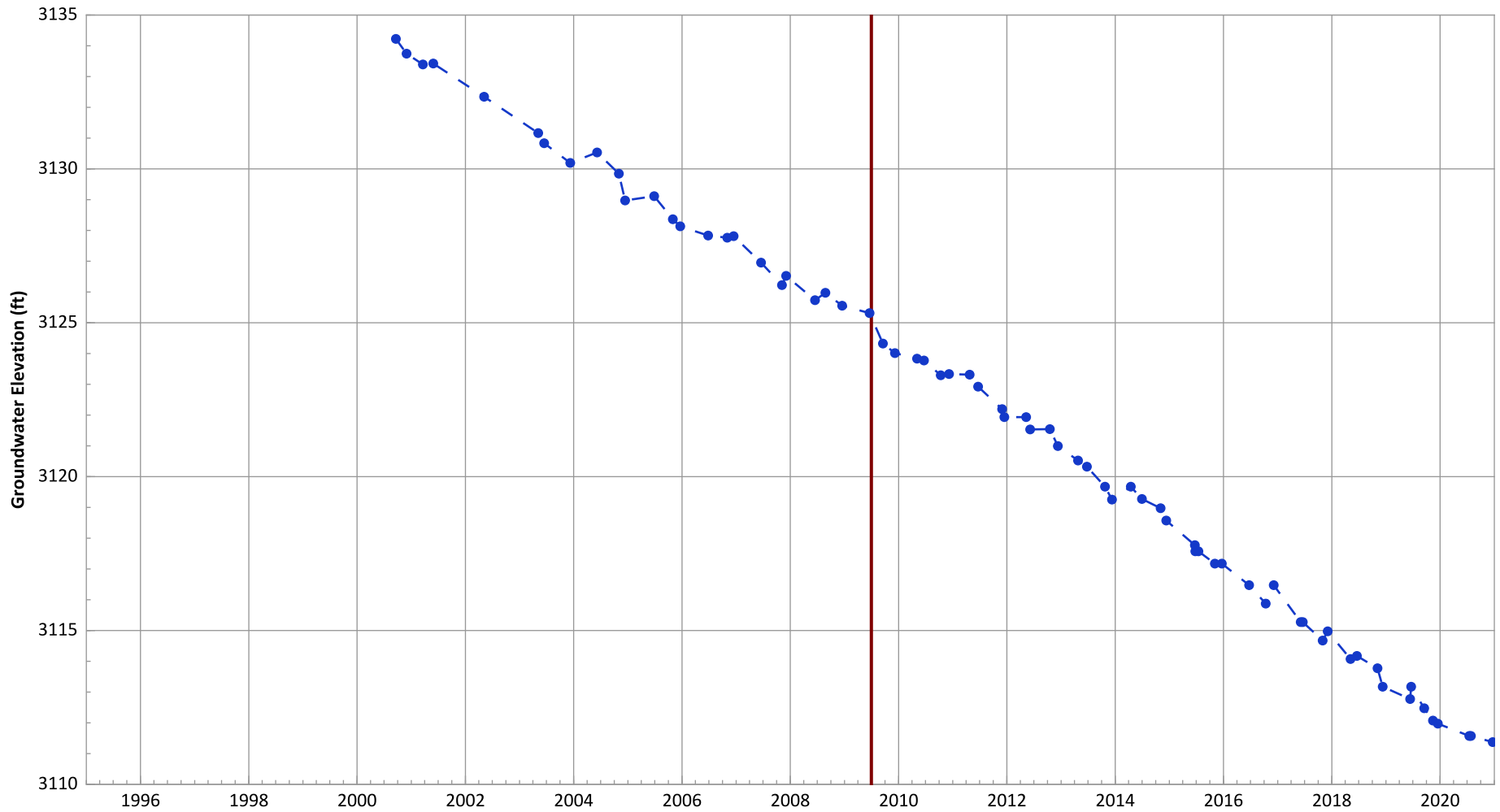
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 0.41 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 0.11 ft/yr

**PTX07-1R01 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

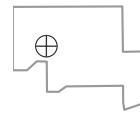


Notes:

1. Top of screen elevation is 3164.47 ft msl.
 2. The bottom of screen elevation is 2974.47 ft msl.
 3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.
- Analysis Date: 02/04/2021

—●— Groundwater Elevation
 — Start of Remedial Action

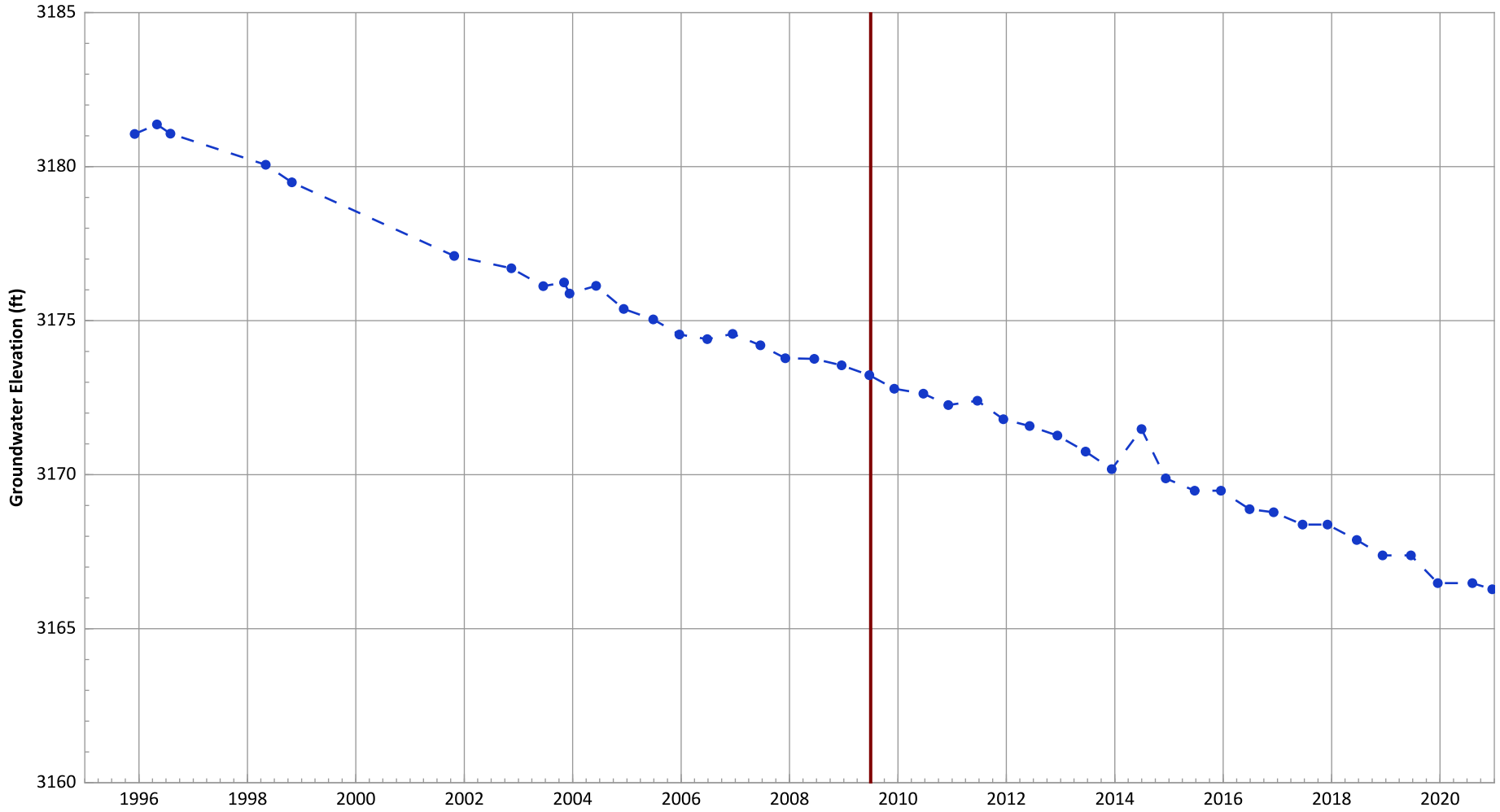
Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
 2019 - 2021 Data: Decreasing at 1.06 ft/yr
 Data (7/2009 - 1/2021): Decreasing at 1.22 ft/yr

PTX08-1011A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



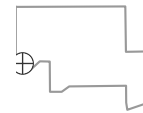
Notes:

1. Top of screen elevation is 3165.26 ft msl.
2. The bottom of screen elevation is 3135.26 ft msl.
3. A continuous hydrograph was produced by linear interpolation between successive discrete measurements.
Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/04/2021

—●— Groundwater Elevation
— Start of Remedial Action

Well Location



Hydrograph Trend

(MAROS Linear Regression Method)
2019 - 2021 Data: Decreasing at 0.64 ft/yr
Data (7/2009 - 1/2021): Decreasing at 0.61 ft/yr

Perched Aquifer Expected Conditions Evaluation and Analyte Concentration Trends

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

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Zone 11	1114-MW4	UM	Trend/Compare to GWPS	Long-term decreasing trend	PERC, TCE	Semi-Annual	N/A	Increasing	Decreasing	NT
North	OW-WR-38	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX	Annual	Increasing	NT	Increasing	NT
Burning Ground	PTX01-1001	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Semi-Annual	N/A	Decreasing	Decreasing	NT
Burning Ground	PTX01-1004	PS	Dry			NA	NT	NT	NT	NT
Burning Ground	PTX01-1008	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Semi-Annual	N/A	ND	ND	NT
Burning Ground	PTX01-1009	PS	Dry			NA	NT	NT	NT	NT
Miscellaneous	PTX04-1002	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	NT	NT	NT	NT
Southeast	PTX06-1002A	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX	Semi-Annual	Decreasing	NT	No Trend	Decreasing
Southeast	PTX06-1005	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	DNT2A, DNT4A, RDX, TNB135,	Semi-Annual	Decreasing	NT	Increasing	Decreasing
Zone 11	PTX06-1006	PS	Trend/Compare to GWPS	Long-term decreasing trend	RDX, PERC, DNT4A	Annual	Decreasing	Increasing	Increasing	NT
Zone 11	PTX06-1007	UM	Trend/Compare to GWPS	Long-term decreasing trend	PERC, DNT4A	Annual	Probably Increasing	Decreasing	Decreasing	NT
Southeast, Zone 11	PTX06-1008	UM	Trend/Compare to GWPS	Long-term decreasing trend	DCA12	Annual	ND	No Trend	Decreasing	Decreasing
Southeast	PTX06-1010	UM	Trend/Compare to GWPS	Long-term decreasing trend	CR, CR6, RDX	Semi-Annual	Decreasing	NT	Increasing	Decreasing
Southeast, Zone 11	PTX06-1011	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	TCE	Annual	No Trend	Decreasing	Probably Increasing	Probably Increasing
Zone 11	PTX06-1012	PS, RAE	Trend/Compare to GWPS	Below GWPS in 2-5 years	DCA12, TCE, DCE12C,	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1013	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX	Semi-Annual	Decreasing	NT	ND	N/A
Southeast	PTX06-1014	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A,	Annual	Increasing	NT	N/A	Decreasing
Southeast	PTX06-1015	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1023	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	NONE	Semi-Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1030	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1031	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A, CR	Semi-Annual	Increasing	NT	Decreasing	Probably Increasing
Southeast	PTX06-1034	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A	Semi-Annual	Increasing	NT	Decreasing	Decreasing
Zone 11	PTX06-1035	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	PERC	Semi-Annual	N/A	Increasing	Increasing	NT
Southeast	PTX06-1036	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	NT	NT	NT	NT

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

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Southeast	PTX06-1037	RAE	Trend/Compare to GWPS	Below GWPS in 2-5 years	NONE	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1038	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	TNT, RDX, DNx, TNX, DNT2A,	Semi-Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1039A	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	TNT, RDX, DNx, TNX, DNT2A,	Semi-Annual	No Trend	NT	ND	Decreasing
Southeast	PTX06-1040	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, DNx, TNx, DNT2A, DNT4A,	Semi-Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1041	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	TNT, RDX, DNx, TNX, DNT2A,	Semi-Annual	No Trend	NT	ND	Decreasing
Southeast	PTX06-1042	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, MNx, TNx, DNT4A	Semi-Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1045	RAE	Trend/Compare to GWPS	Below GWPS in 2-5 years		Quarterly	NT	NT	NT	NT
Southeast	PTX06-1046	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNx, DNT2A, DNT4A	Semi-Annual	Decreasing	NT	No Trend	Stable
Southeast	PTX06-1047A	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNx, DNT4A	Semi-Annual	Decreasing	NT	No Trend	Decreasing
North	PTX06-1048A	PS, RAE	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	N/A	NT	Increasing	NT
Miscellaneous	PTX06-1049	PS, UM	Compare to GWPS	Below background/PQL and GWPS	DNT4A, RDX	Annual	Increasing	NT	No Trend	NT
North	PTX06-1050	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNx, DNT4A	Semi-Annual	No Trend	NT	ND	NT
Southeast	PTX06-1051	PS	Dry			NA	NT	NT	NT	NT
Southeast	PTX06-1052	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	CR,CR-6	Semi-Annual	Decreasing	NT	No Trend	Decreasing
Southeast, Zone 11	PTX06-1053	PS, UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Semi-Annual	Decreasing	N/A	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
Zone 11	PTX06-1073A	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		NA	NT	NT	NT	NT
Zone 11	PTX06-1077A	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	TCE	Annual	Decreasing	No Trend	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	NONE	Annual	NT	NT	NT	NT
Miscellaneous	PTX06-1086	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	NT	NT	NT	NT
Southeast	PTX06-1088	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	TCE, RDX, DNT2A, DNT4A,	Semi-Annual	Decreasing	NT	Decreasing	Decreasing
Southeast	PTX06-1089	PS	Dry			NA	NT	NT	NT	NT

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

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Southeast	PTX06-1090	PS	Dry			NA	NT	NT	NT	NT
Southeast	PTX06-1091	PS	Dry			NA	NT	NT	NT	NT
Southeast	PTX06-1093	PS	Dry			NA	NT	NT	NT	NT
Southeast	PTX06-1095A	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT4A, DNT2A,	Semi-Annual	Decreasing	NT	Probably Increasing	Increasing
Miscellaneous	PTX06-1097	PS, UM	Dry	Remain dry		NA	NT	NT	NT	NT
Southeast	PTX06-1098	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	NONE	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1101	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TCE	Annual	NT	NT	NT	NT
Southeast	PTX06-1102	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		Annual	NT	NT	NT	NT
Southeast	PTX06-1103	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1120	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A	NA	Decreasing	NT	Decreasing	Decreasing
Southeast	PTX06-1121	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		NA	NT	NT	NT	NT
Southeast	PTX06-1122	PS	Dry	Remain dry		NA	NT	NT	NT	NT
Southeast	PTX06-1123	RAE	Trend/Compare to GWPS	Below GWPS in 2-5 years	TNX	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1125	PS	Dry	Remain dry		NA	NT	NT	NT	NT
Zone 11	PTX06-1126	PS	Trend/Compare to GWPS	Long-term decreasing trend	TCE, PERC, DIOXANE14,	Semi-Annual	Increasing	Decreasing	No Trend	No Trend
Zone 11	PTX06-1127	PS	Trend/Compare to GWPS	Long-term decreasing trend	TCE, PERC, DIOXANE14,	Semi-Annual	Increasing	Decreasing	Increasing	Decreasing
Southeast	PTX06-1130	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, TNX, DNT2A, DNT4A,	Semi-Annual	NT	NT	NT	NT
Miscellaneous	PTX06-1131	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Semi-Annual	N/A	NT	ND	NT
Southeast	PTX06-1133A	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations		Semi-Annual	N/A	NT	ND	Decreasing
Zone 11	PTX06-1134	PS	Trend/Compare to GWPS	Long-term decreasing trend	DNT4A	Semi-Annual	N/A	Increasing	Increasing	NT
Southeast	PTX06-1135	PS	Trend/Compare to GWPS	Long-term decreasing trend	NONE	Semi-Annual	NT	NT	NT	NT
North	PTX06-1136	PS	Trend/Compare to GWPS	Long-term decreasing trend	NONE	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1146	PS	Trend/Compare to GWPS	Long-term decreasing trend	RDX, TNX, DNT4A	Semi-Annual	Decreasing	NT	ND	Increasing
Southeast	PTX06-1147	PS	Trend/Compare to GWPS	Long-term decreasing trend	RDX, MNX, DNX, TNX, DNT4A	Semi-Annual	Decreasing	NT	Decreasing	Decreasing
Zone 11	PTX06-1148	PS, RAE	Trend/Compare to GWPS	Below GWPS in 5 -10 years	PERC	Semi-Annual	NT	NT	NT	NT

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

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Zone 11	PTX06-1149	PS	Trend/Compare to GWPS	Below GWPS in 5 -10 years	NONE	Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1150	PS, RAE	Trend/Compare to GWPS	Below GWPS in 5 -10 years	PERC	Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1151	PS	Trend/Compare to GWPS	Long-term decreasing trend	TCE, DCA12, RDX, PERC	Semi-Annual	Decreasing	Decreasing	Decreasing	NT
Southeast	PTX06-1153	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	RDX, MNX, TNX, CR, CR-6, DNT4A,	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1154	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	TNX	Quarterly	NT	NT	NT	NT
Zone 11	PTX06-1155	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	TCE, DCA12, DCE12C,	Quarterly	NT	NT	NT	NT
Zone 11	PTX06-1156	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	NONE	Quarterly	NT	NT	NT	NT
Southeast	PTX06-1158	PS	Water Level, Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1159	PS, RAE	Trend/Compare to GWPS	Long-term decreasing trend	TCE, DCA12, PERC, DNT4A	Semi-Annual	Decreasing	Increasing	Decreasing	NT
Zone 11	PTX06-1160	PS	Trend/Compare to GWPS	Long-term decreasing trend	NONE	Semi-Annual	N/A	Decreasing	No Trend	NT
Southeast	PTX06-1166	PS	Trend/Compare to GWPS	Long-term decreasing trend	RDX, TCE	Semi-Annual	Decreasing	NT	Decreasing	Increasing
Southeast	PTX06-1167	RAE	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1171	PS	Trend/Compare to GWPS	Long-term decreasing trend		Annual	Increasing	Decreasing	No Trend	NT
Zone 11	PTX06-1173	RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years		Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1174	RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years		Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1175	RAE	Trend/Compare to GWPS	Below GWPS in 2- 5 years		Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1180	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	N/A	N/A	Increasing	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	NT	N/A	Decreasing
Southeast	PTX06-1184	PS	Dry	Remain dry		WL	NT	NT	NT	NT
Southeast	PTX06-1185	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	Decreasing	NT	Decreasing	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	Probably Increasing
Southeast	PTX06-1193	PS	Dry	Remain dry		WL	NT	NT	NT	NT

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

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Southeast Extension	PTX06-1194	PS,RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years		Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1195	PS	Trend/Compare to GWPS	Below background/PQL and GWPS		Annual	N/A	NT	ND	No Trend
Southeast Extension	PTX06-1196	PS, RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years		Semi-Annual	NT	NT	NT	NT
Southeast Extension	PTX06-1197	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	Increasing	NT	No Trend	No Trend
Southeast Extension	PTX06-1199	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	Increasing	NT	Stable	Increasing
Southeast Extension	PTX06-1200	PS	Trend/Compare to GWPS	Below background/PQL and GWPS		Semi-Annual	ND	NT	ND	No Trend
Southeast Extension	PTX06-1201	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	Increasing	NT	ND	No Trend
Southeast Extension	PTX06-1202	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	No Trend	NT	ND	No Trend
Southeast Extension	PTX06-1203	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	Increasing	NT	Stable	No Trend
Southeast Extension	PTX06-1204	PS	Trend/Compare to GWPS	Below background/PQL and GWPS		Semi-Annual	N/A	NT	ND	No Trend
Southeast	PTX06-1207	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	N/A	N/A	N/A	NT
Zone 11	PTX06-1208	PS	Trend/Compare to GWPS	Long-term decreasing trend		Semi-Annual	N/A	NT	NT	NT
North	PTX07-1O01	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	RDX	Semi-Annual	NT	NT	NT	NT
North	PTX07-1O02	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	NONE	Semi-Annual	NT	NT	NT	NT
North	PTX07-1O03	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	RDX, TNX	Annual	Increasing	NT	No Trend	NT
Zone 11	PTX07-1P02	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Semi-Annual	Increasing	N/A	ND	NT
Zone 11	PTX07-1P05	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	RDX	Annual	NT	NT	NT	NT
Miscellaneous	PTX07-1Q01	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	NT	NT	NT	NT
Miscellaneous	PTX07-1Q02	UM	Compare to GWPS	Below background/PQL and GWPS	NONE	Annual	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	RDX, TNX	Annual	No Trend	Decreasing	ND	NT
Southeast	PTX08-1002	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	RDX, MNX, TNX, DNT2A, DNT4A	Semi-Annual	Decreasing	NT	ND	Decreasing
Zone 11	PTX08-1003	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	NONE	Annual	Probably Increasing	Decreasing	Decreasing	NT
Zone 11	PTX08-1005	UM	Trend/Compare to GWPS	Long-term decreasing trend	TCE, DNT4A	Semi-Annual	Decreasing	Decreasing	Decreasing	Decreasing
Zone 11	PTX08-1006	UM	Trend/Compare to GWPS	Long-term decreasing trend	RDX, TNX, PERC, DNT4A, TCE,	Semi-Annual	Decreasing	Decreasing	Increasing	NT

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

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	COC>GWPS	Indicator List Monitoring Frequency	Trend Since Start of Remedial Action			
							RDX	Perc	TCE	CR-6
Southeast, Zone 11	PTX08-1007	UM	Trend/Compare to GWPS	Long-term decreasing trend	TCE, RDX	Annual	Decreasing	Increasing	Decreasing	Decreasing
Southeast, Zone 11	PTX08-1008	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	CR, CR-6	Semi-Annual	N/A	Increasing	Increasing	Decreasing
Southeast	PTX08-1009	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	NONE	Semi-Annual	Decreasing	N/A	N/A	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	TCE	Annual	Decreasing	Stable	Decreasing	Decreasing

N/A - Trending could not be performed, either due to a) <4 samples in dataset or b) <4 Detections in dataset

ND - all samples were non-detect

NS* = well not sampled due to either dry conditions or insufficient water for sampling

NT - Trends were not calculated for this COC in this well. Well is dry or the COC was not sampled during 2018.

PS = Plume stability

RAE = Response action effectiveness

UM = Uncertainty management

Perched LTM Well Trends

Table with columns: Well, Easting, Northing, COC, First Date, Last Date, NumS AD, NumD AD, AIND AD, CV AD, MKS AD, Conf AD, Trend AD, NumS L4S, NumD L4S, AIND L4S, CV L4S, MKS L4S, Conf L4S, Trend L4S, NumS SSRA, NumD SSRA, AIND SSRA, CV SSRA, MKS SSRA, Conf SSRA, Trend SSRA. Rows list various wells (e.g., PTX06-1005, PTX06-1008) with their respective data points and trends.

Table with columns: Well, Easting, Northing, COC, First_Date, Last_Date, NumS_AD, NumD_AD, AINND_AD, CV_AD, MKS_AD, Conf_AD, Trend_AD, NumS_L4S, NumD_L4S, AINND_L4S, CV_L4S, MKS_L4S, Conf_L4S, Trend_L4S, NumS_SSRA, NumD_SSRA, AINND_SSRA, CV_SSRA, MKS_SSRA, Conf_SSRA, Trend_SSRA. Contains multiple rows of well data points.

Table with 28 columns: Well, Easting, Northing, COC, First Date, Last Date, NumS AD, NumD AD, AIND AD, CV AD, MKS AD, Conf AD, Trend AD, NumS L4S, NumD L4S, AIND L4S, CV L4S, MKS L4S, Conf L4S, Trend L4S, NumS SSRA, NumD SSRA, AIND SSRA, CV SSRA, MKS SSRA, Conf SSRA, Trend SSRA. Rows include wells like PTX06-1053 636576.74, PTX06-1053 636576.74, PTX06-1053 636576.74, etc.

Table with columns: Well, Easting, Northing, COC, First Date, Last Date, NumS AD, NumD AD, AIND AD, CV AD, MKS AD, Conf AD, Trend AD, Last Date, NumS L4S, NumD L4S, AIND L4S, CV L4S, MKS L4S, Conf L4S, Trend L4S, NumS SSRA, NumD SSRA, AIND SSRA, CV SSRA, MKS SSRA, Conf SSRA, Trend SSRA. The table contains 100 rows of data for various wells, detailing monitoring parameters and trends over time.

Table with columns: Well, Easting, Northing, COC, First Date, Last Date, NumS AD, NumD AD, AIND AD, CV AD, MKS AD, Conf AD, Trend AD, NumS L4S, NumD L4S, AIND L4S, CV L4S, MKS L4S, Conf L4S, Trend L4S, NumS SSRA, NumD SSRA, AIND SSRA, CV SSRA, MKS SSRA, Conf SSRA, Trend SSRA. Rows list data for wells 640859.00 through 638900.04.

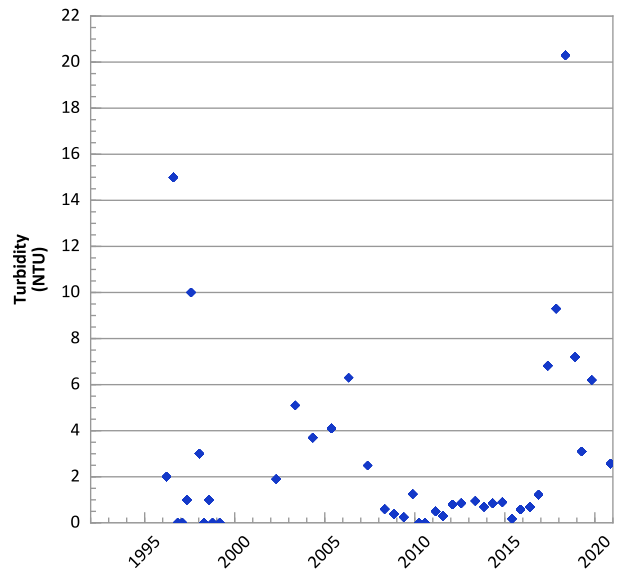
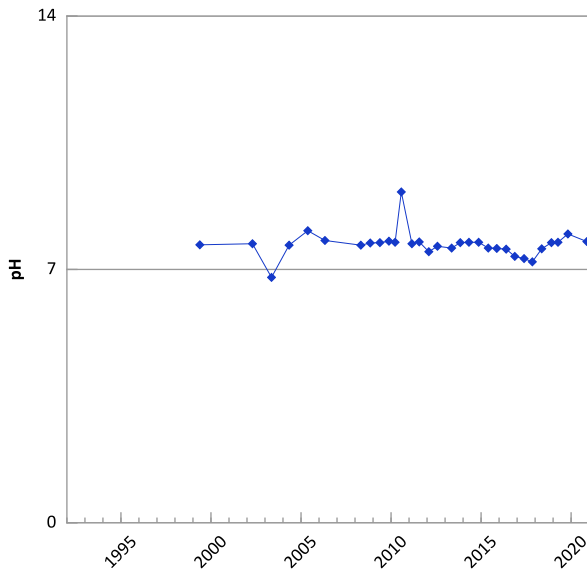
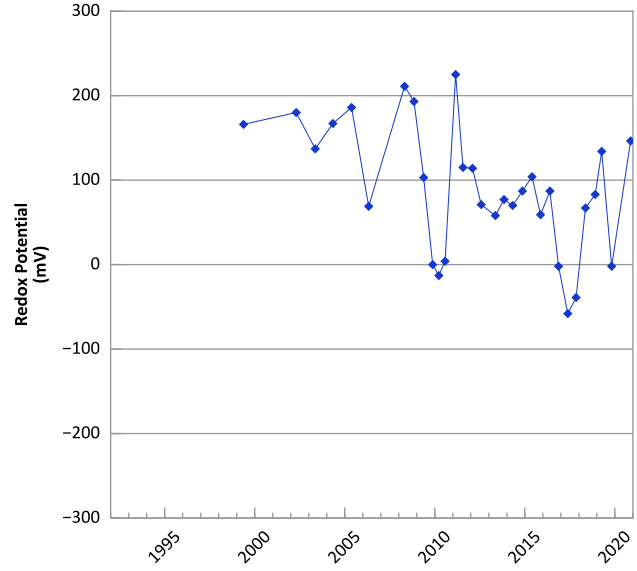
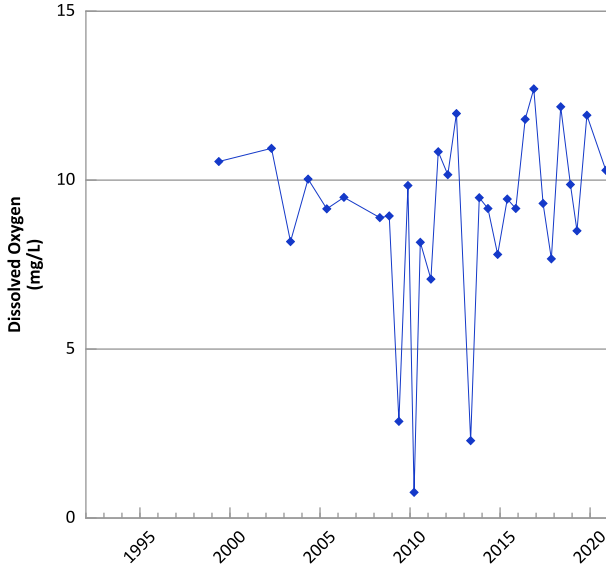
Perched LTM Well Trends

Well	Eastng	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
PTX10-1014	639701.73	3759769.72	NI	11/28/1995	8/12/2020	22	22	No	0.67188528	-75.00	1	Decreasing	4	4	No	1.071546458	2.00	0.625	No Trend	11	11	No	1.14291451	-19.00	1	Decreasing
PTX10-1014	639701.73	3759769.72	MO	11/28/1995	8/12/2020	22	22	No	0.846876638	-117.00	1	Decreasing	4	4	No	0.126294272	-2.00	1	Decreasing	11	11	No	0.237344264	-25.00	1	Decreasing
PTX10-1014	639701.73	3759769.72	AL	11/28/1995	8/12/2020	17	6	No	0.855753147	-21.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	BA	7/7/1992	8/12/2020	19	19	No	0.331881694	-56.00	1	Decreasing	4	4	No	0.19962189	4.00	0.833	No Trend	7	7	No	0.154161146	1.00	0.5	No Trend
PTX10-1014	639701.73	3759769.72	CA	11/28/1995	8/12/2020	15	15	No	0.069237949	45.00	1	Increasing	4	4	No	0.080339087	4.00	0.833	No Trend	6	6	No	0.066965582	3.00	0.64	No Trend
PTX10-1014	639701.73	3759769.72	FE	11/28/1995	8/12/2020	22	22	No	1.452901857	-97.00	1	Decreasing	4	4	No	0.535901853	-2.00	1	Decreasing	11	11	No	0.994362613	1.00	0.5	No Trend
PTX10-1014	639701.73	3759769.72	K	11/28/1995	8/12/2020	15	15	No	0.101817046	-36.00	1	Decreasing	4	4	No	0.665347571	2.00	0.625	No Trend	6	6	No	0.056349226	-1.00	1	Decreasing
PTX10-1014	639701.73	3759769.72	MG	11/28/1995	8/12/2020	17	17	No	0.099039592	61.00	0.994	Increasing	4	4	No	0.12758469	2.00	0.625	No Trend	6	6	No	0.114940094	1.00	0.5	No Trend
PTX10-1014	639701.73	3759769.72	NA	11/28/1995	8/12/2020	15	15	No	0.079708355	42.00	1	Increasing	4	4	No	0.108998217	2.00	0.625	No Trend	6	6	No	0.09077082	4.00	0.7025	No Trend
PTX10-1014	639701.73	3759769.72	V	11/28/1995	8/12/2020	22	22	No	1.282698343	-67.00	1	Decreasing	4	4	No	0.095652934	-4.00	1	Decreasing	11	11	No	0.420045593	29.00	0.987	Increasing

Perched ISMP Well Trends

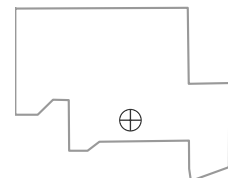
Well	Easting	Northing	COC	First Date	Last Date	NumS_AD	NumD_AD	AIIND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AIIND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AIIND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA
PTX06-IB079	636854.05	3755302.76	PCE	10/15/2009	12/10/2020	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-IB079	636854.05	3755302.76	TCE	10/15/2009	12/10/2020	17	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	17	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-IB079	636854.05	3755302.76	DCE12C	10/15/2009	12/10/2020	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-IB079	636854.05	3755302.76	DCA12	10/15/2009	12/10/2020	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-IB079	636854.05	3755302.76	TCLME	10/15/2009	12/10/2020	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-IB079	636854.05	3755302.76	PERC	10/15/2009	11/30/2020	17	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	17	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-IB079	636854.05	3755302.76	MN	10/15/2009	11/30/2020	17	17	No	0.256340416	-38.00	1	Decreasing	4	4	No	0.141813155	-5.00	1	Decreasing	17	17	No	0.256340416	-38.00	1	Decreasing
PTX06-IB079	636854.05	3755302.76	AS	10/15/2009	11/30/2020	17	16	No	0.513177977	75.00	0.999	Increasing	4	4	No	0.227541114	-2.00	1	Decreasing	17	16	No	0.513177977	75.00	0.999	Increasing
PTX06-IB079	636854.05	3755302.76	BA	10/15/2009	11/30/2020	11	11	No	0.34506306	-5.00	1	Decreasing	4	4	No	0.2033325411	-4.00	1	Decreasing	11	11	No	0.34506306	-5.00	1	Decreasing
PTX06-IB079	636854.05	3755302.76	PCE	10/15/2009	11/30/2020	17	17	No	0.575662408	31.00	0.89	No Trend	4	4	No	0.646376799	-2.00	1	Decreasing	17	17	No	0.575662408	31.00	0.89	No Trend
PTX06-IB082	636597.92	3755139.36	PCE	10/19/2009	12/10/2020	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
PTX06-IB082	636597.92	3755139.36	TCE	10/19/2009	12/10/2020	30	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)
PTX06-IB082	636597.92	3755139.36	DCE12C	10/19/2009	12/10/2020	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
PTX06-IB082	636597.92	3755139.36	DCA12	10/19/2009	12/10/2020	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
PTX06-IB082	636597.92	3755139.36	TCLME	10/19/2009	12/10/2020	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
PTX06-IB082	636597.92	3755139.36	PERC	10/19/2009	11/30/2020	30	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	30	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-IB082	636597.92	3755139.36	MN	10/19/2009	11/30/2020	30	30	No	2.06377	-208.00	1	Decreasing	4	4	No	0.065782535	-4.00	1	Decreasing	30	30	No	2.06377	-208.00	1	Decreasing
PTX06-IB082	636597.92	3755139.36	AS	10/19/2009	11/30/2020	30	29	No	0.439767358	160.00	0.998	Increasing	4	4	No	0.076393941	3.00	0.729	No Trend	30	29	No	0.439767358	160.00	0.998	Increasing
PTX06-IB082	636597.92	3755139.36	BA	10/19/2009	11/30/2020	11	11	No	0.330611801	-16.00	1	Decreasing	4	4	No	0.262612866	-6.00	1	Decreasing	11	11	No	0.330611801	-16.00	1	Decreasing
PTX06-IB082	636597.92	3755139.36	FE	10/19/2009	11/30/2020	30	30	No	1.346557768	72.00	0.8965	No Trend	4	4	No	0.042973504	-1.00	1	Decreasing	30	30	No	1.346557768	72.00	0.8965	No Trend

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



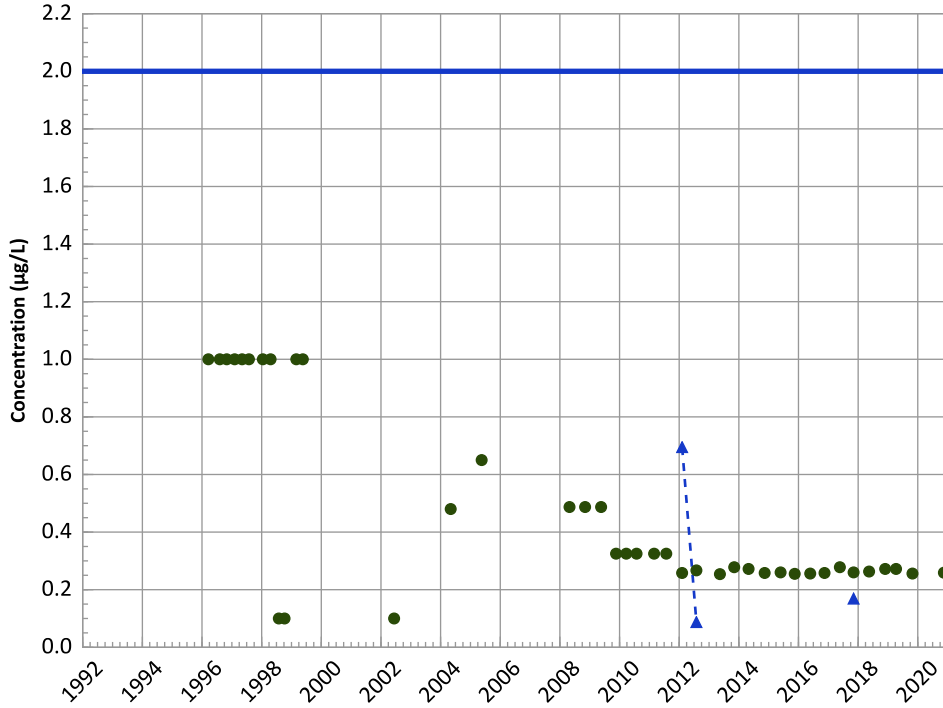
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 Data Date Range: 03/19/1996 to 11/16/2020
 Analysis Date: 06/03/2021

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

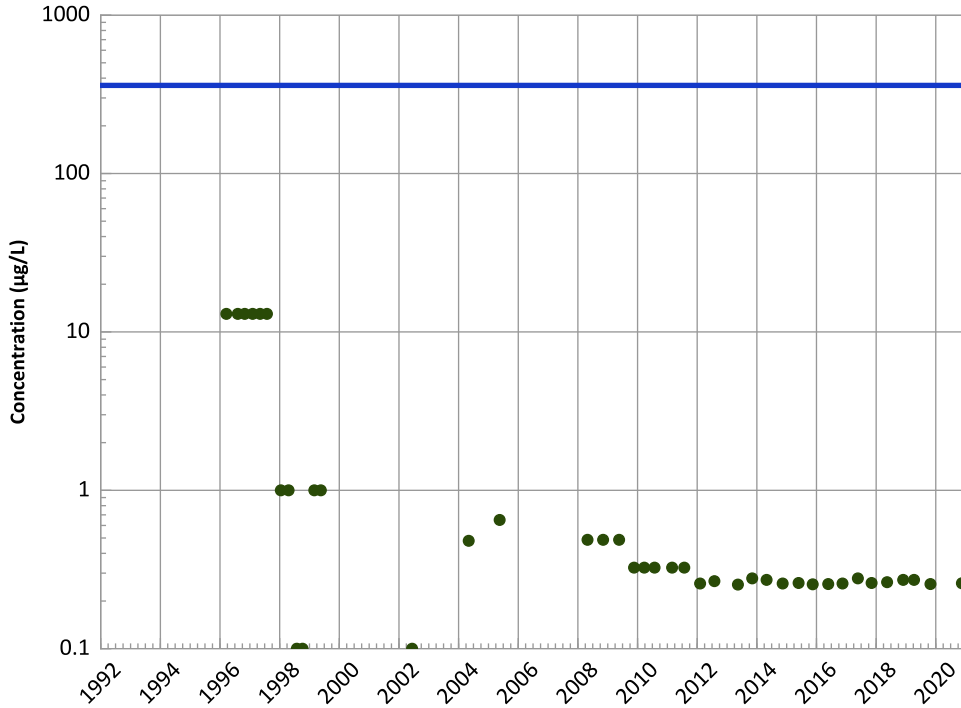
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

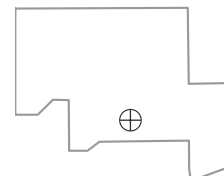
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

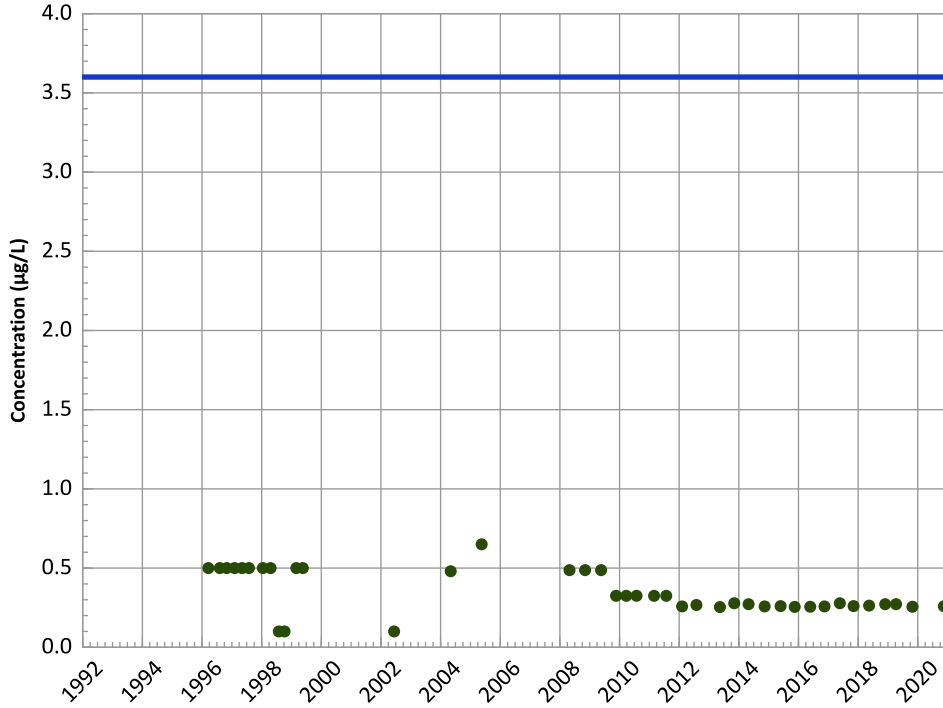
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

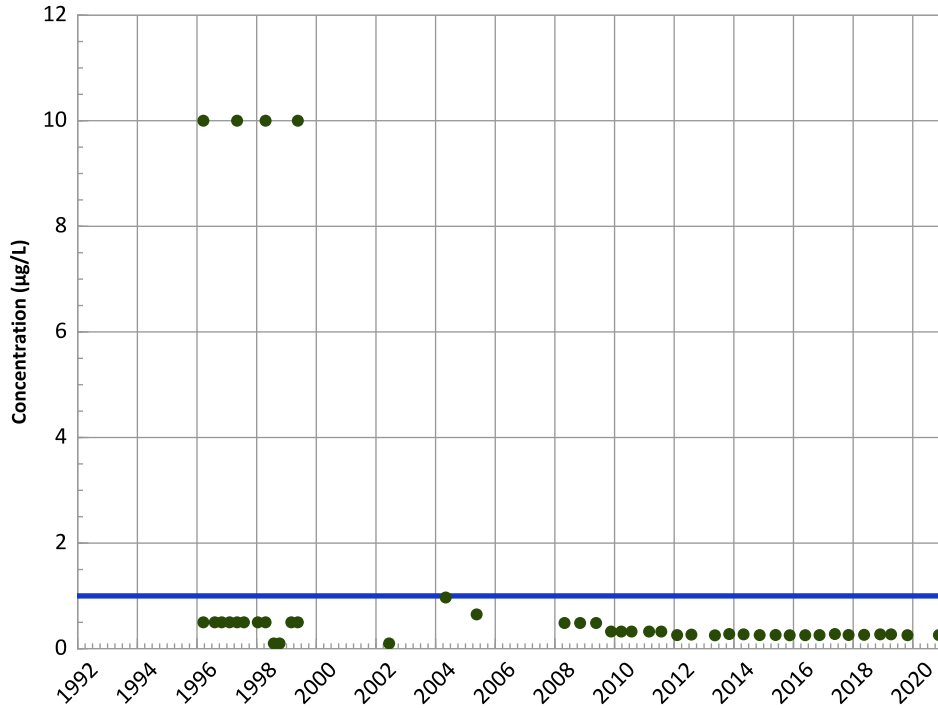
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

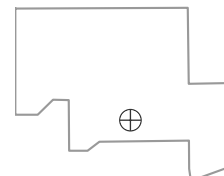
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

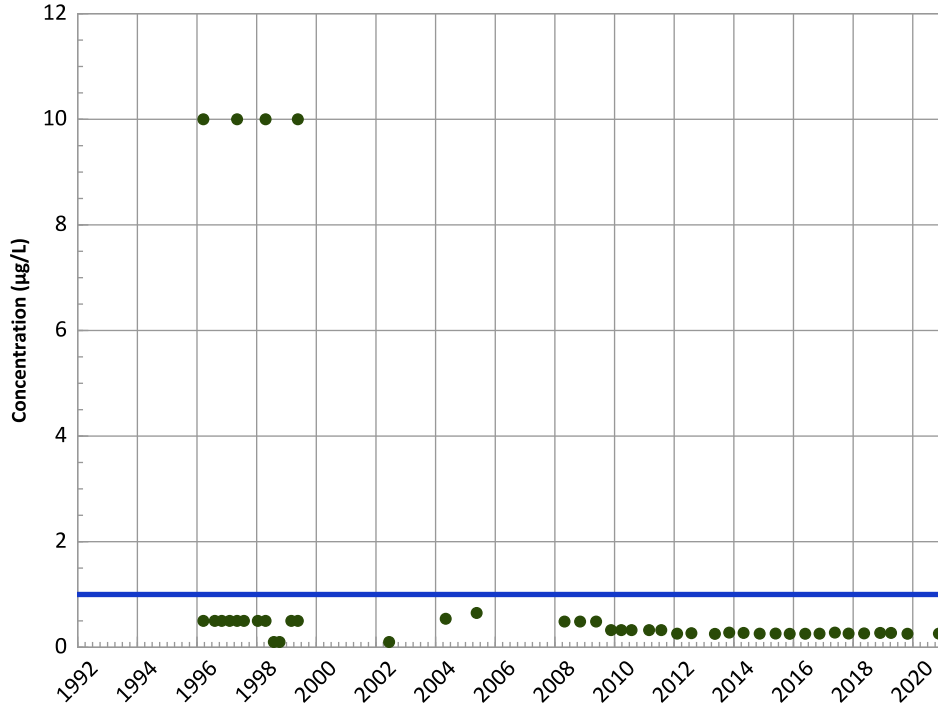
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

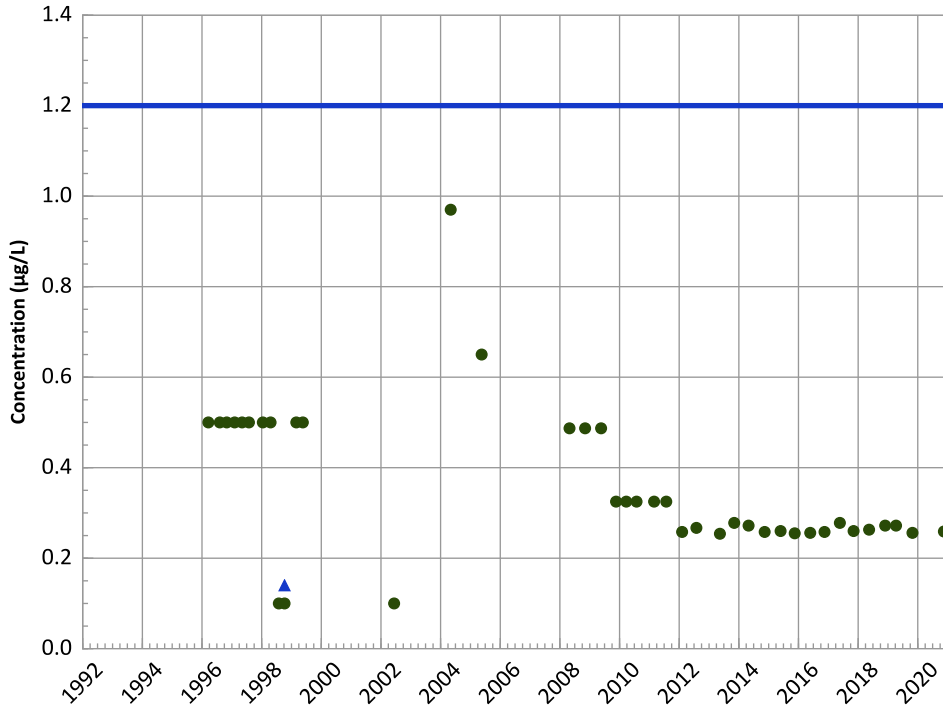
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

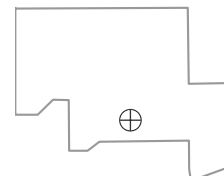
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

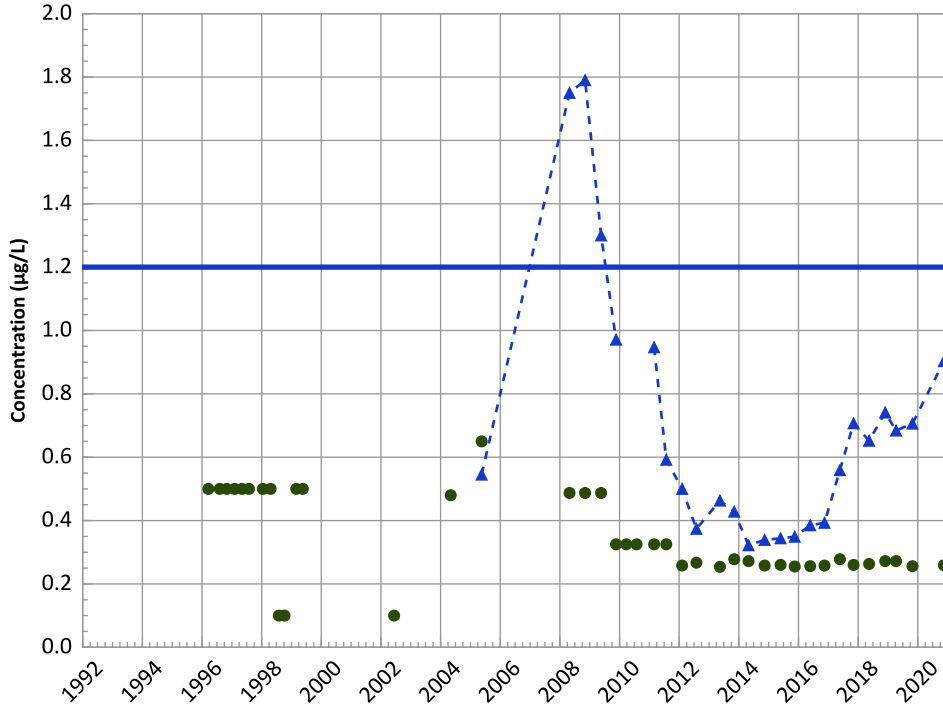
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

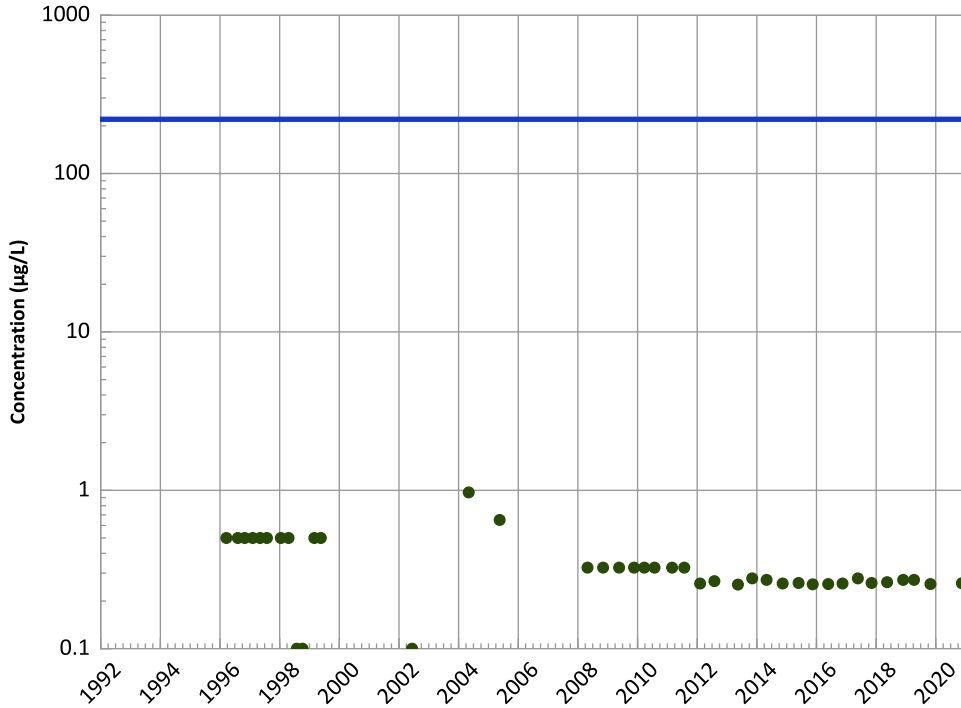
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

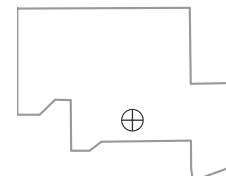
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

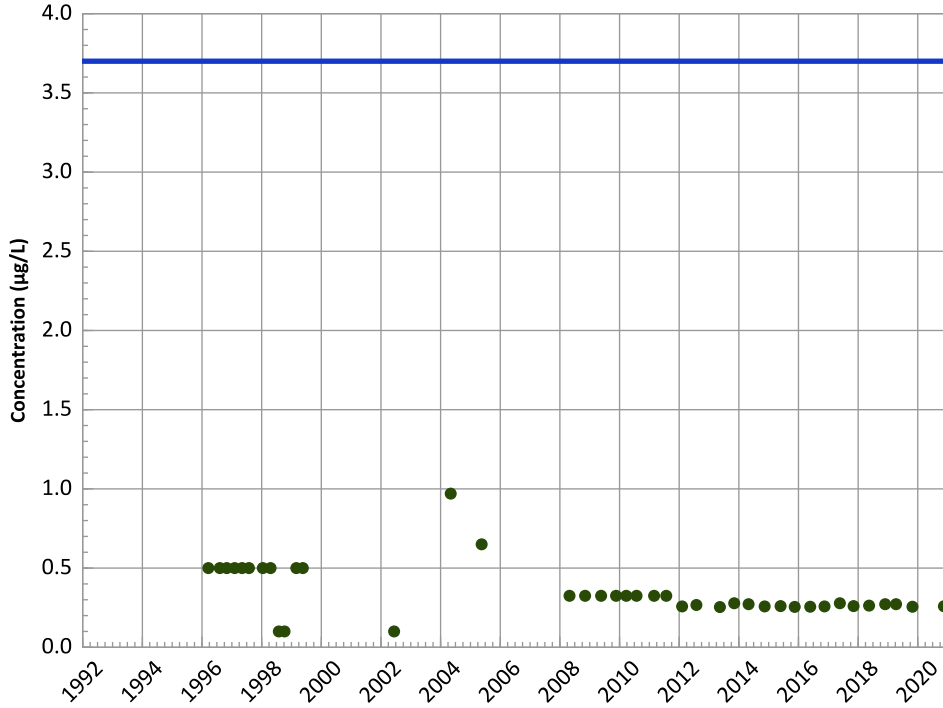
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

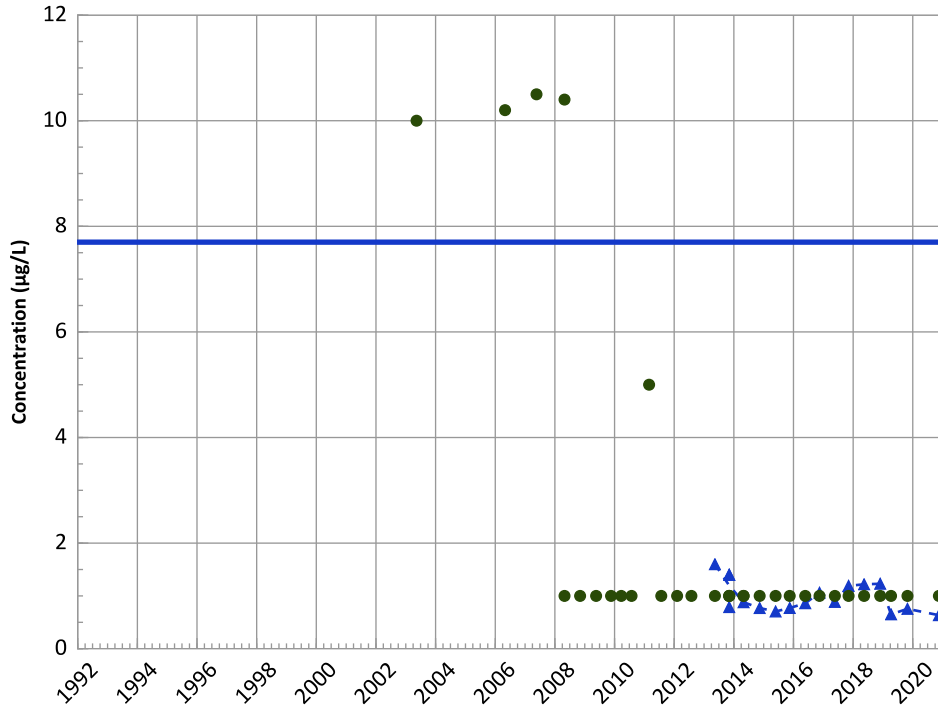
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

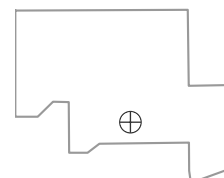
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

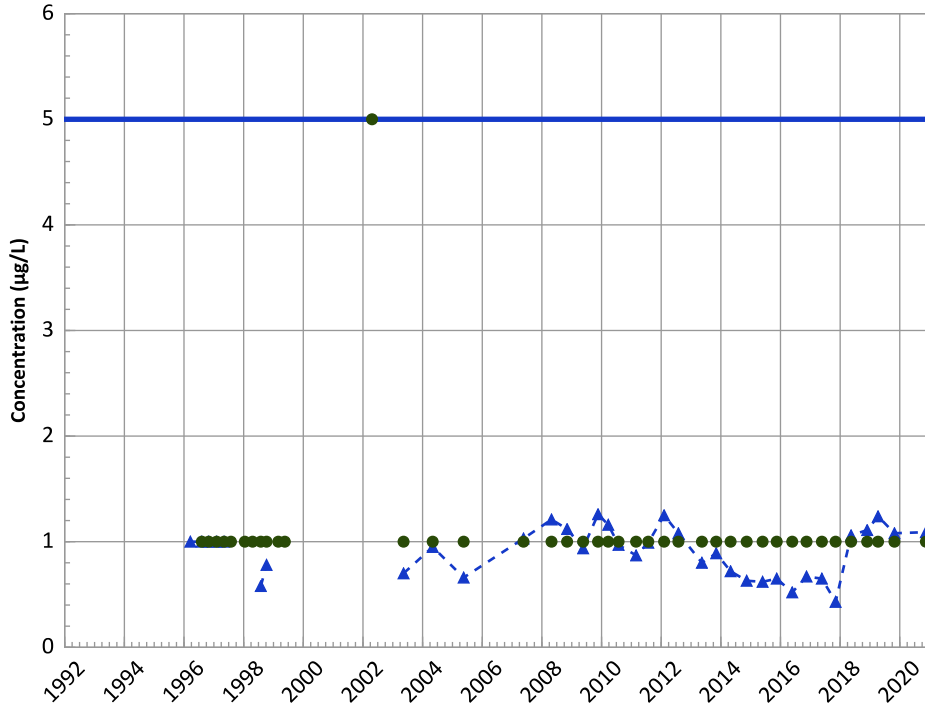
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

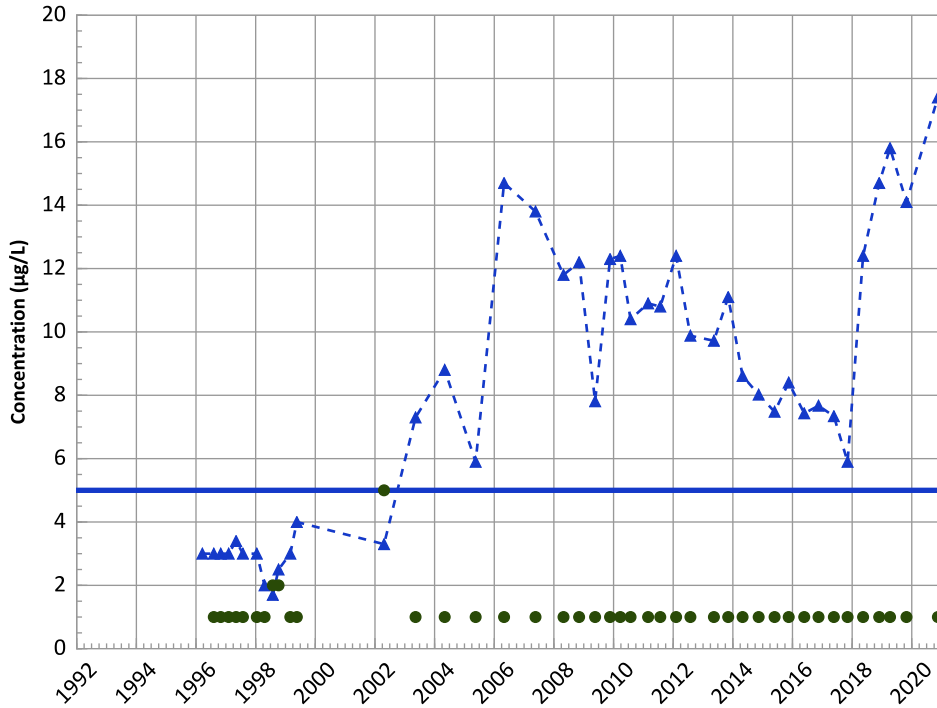
2018 - 2020 Data:

Stable

All Data:

Stable

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

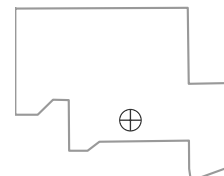
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

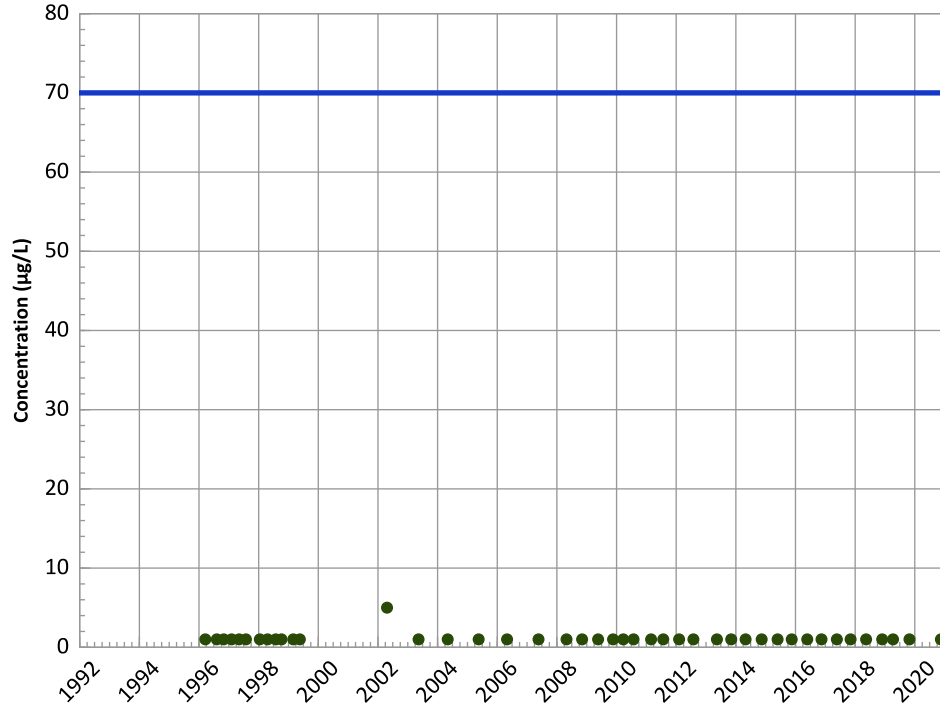
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

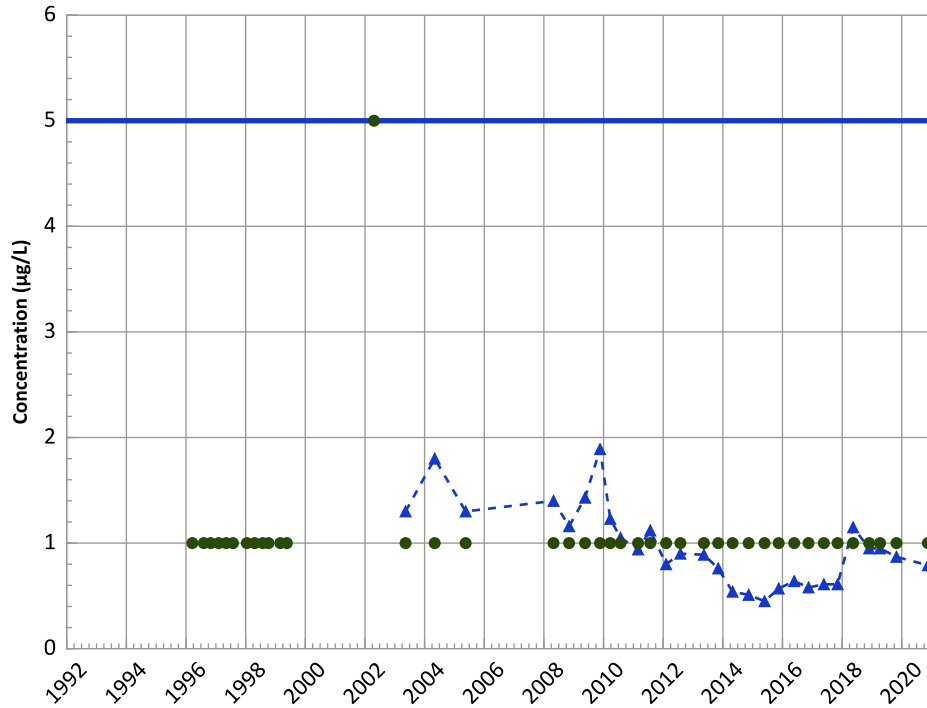
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

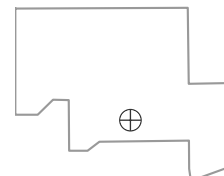
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

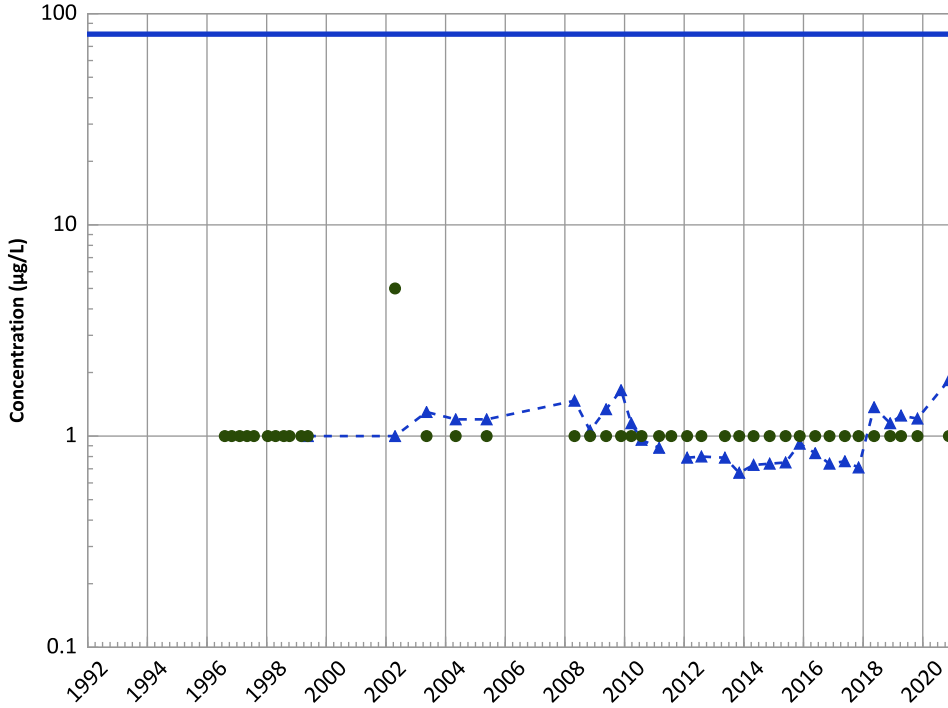
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

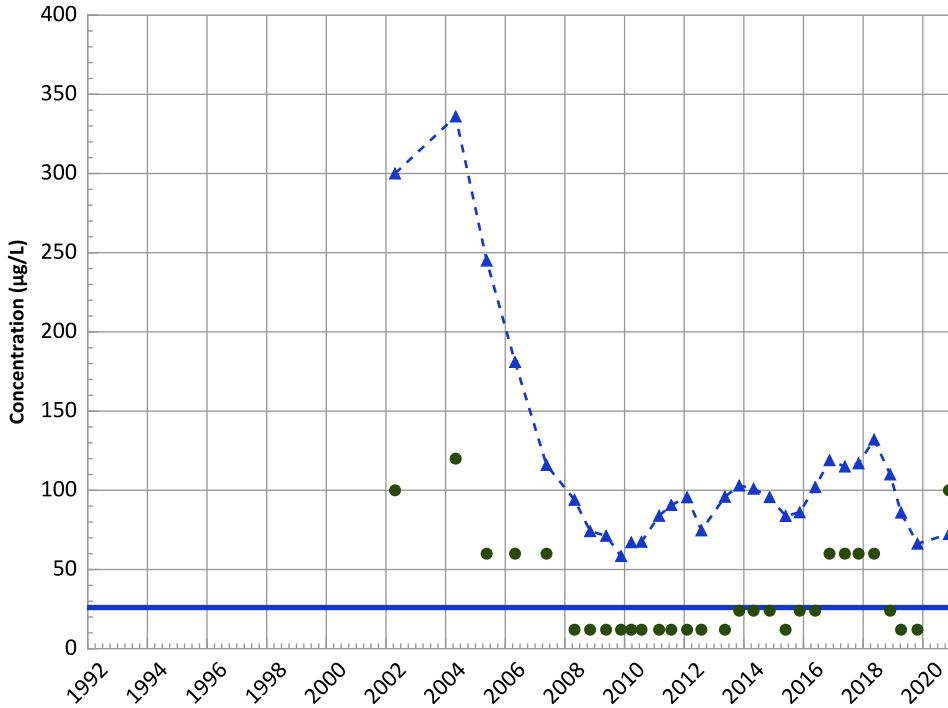
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

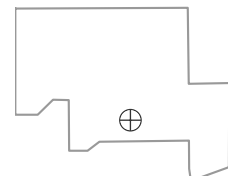
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

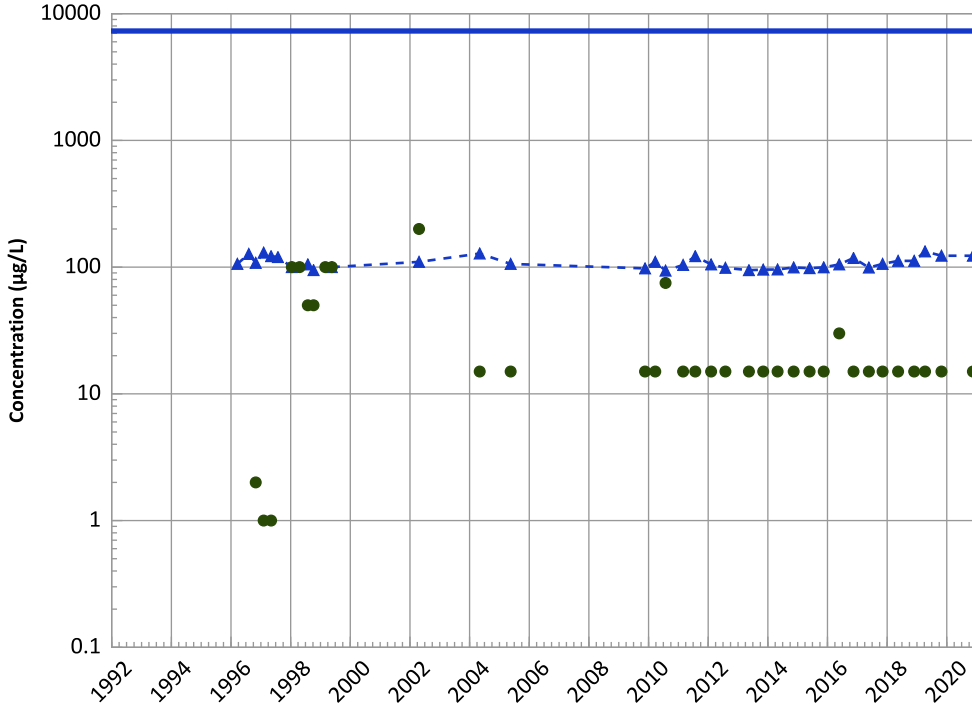
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

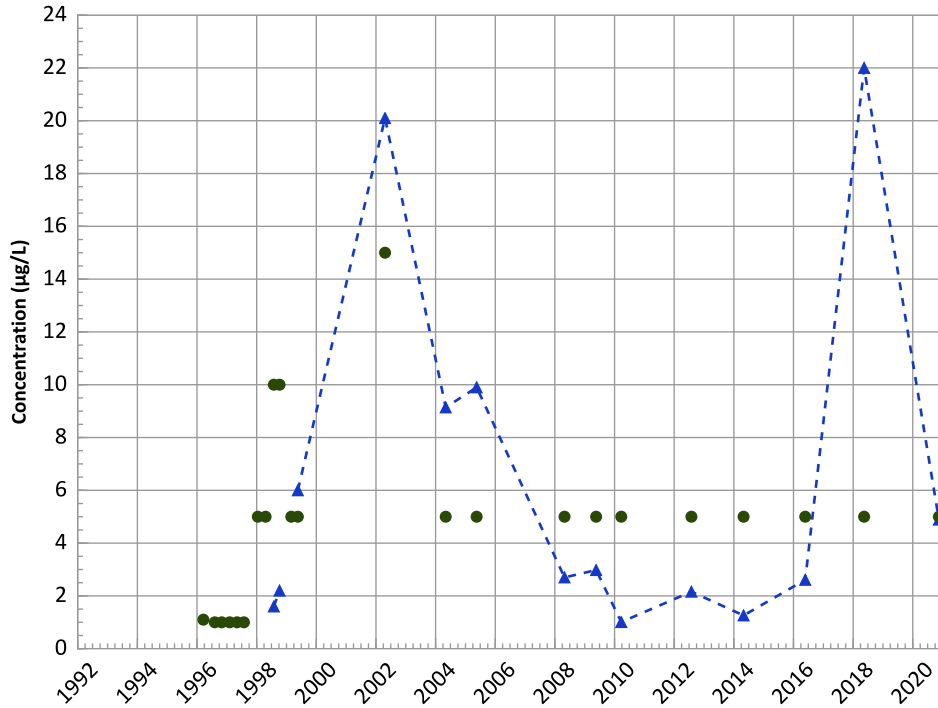
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

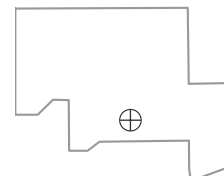
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

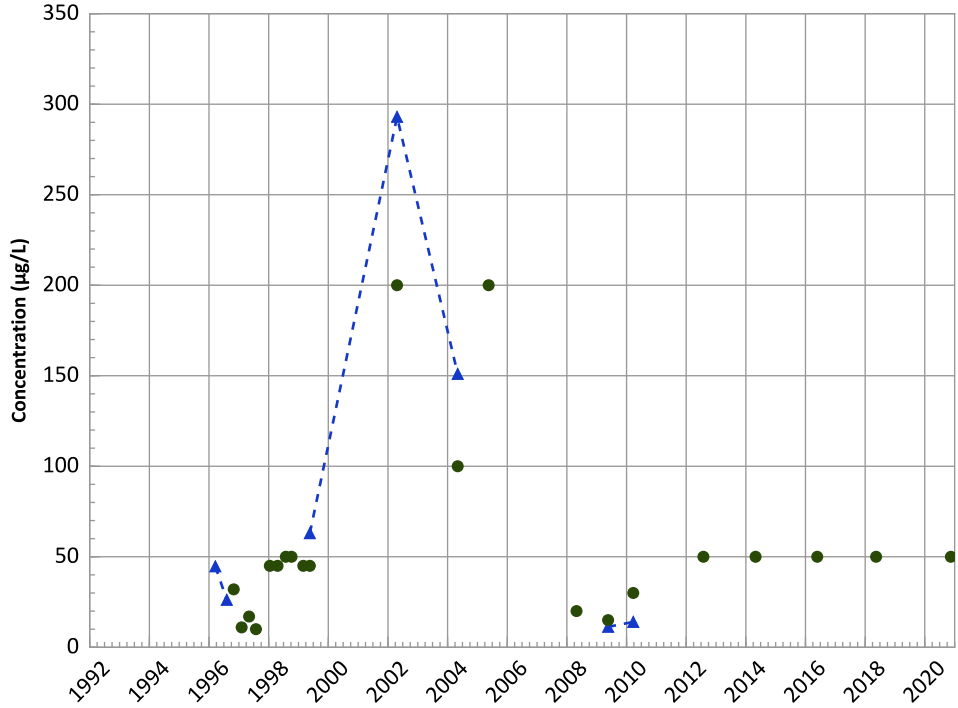
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

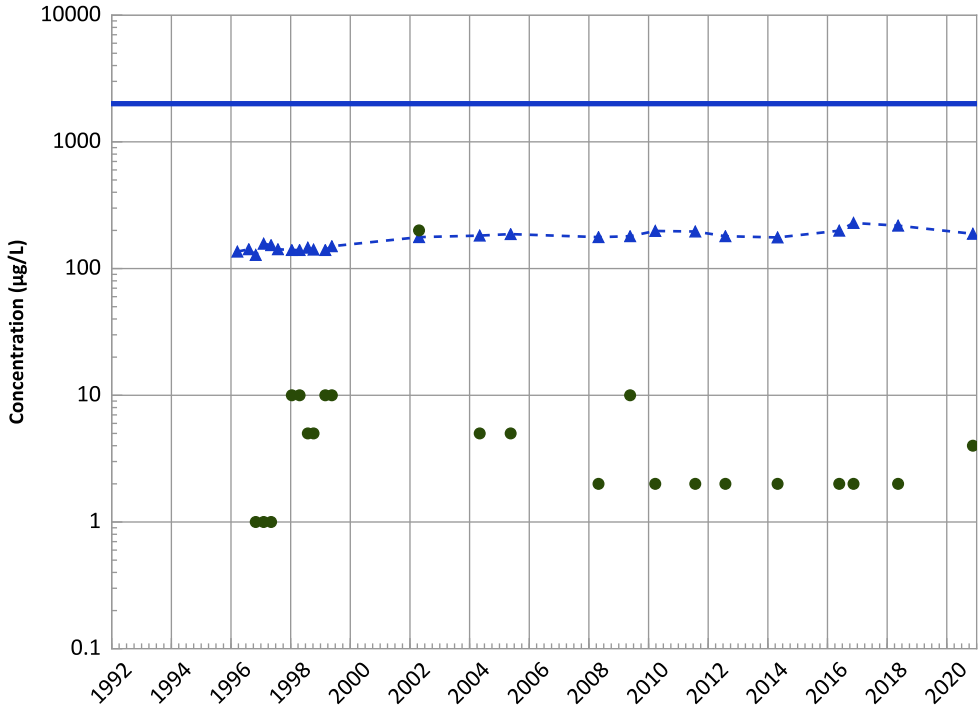
2018 - 2020 Data:

Probably Decreasing

All Data:

No Trend

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

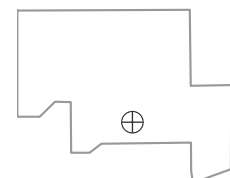
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

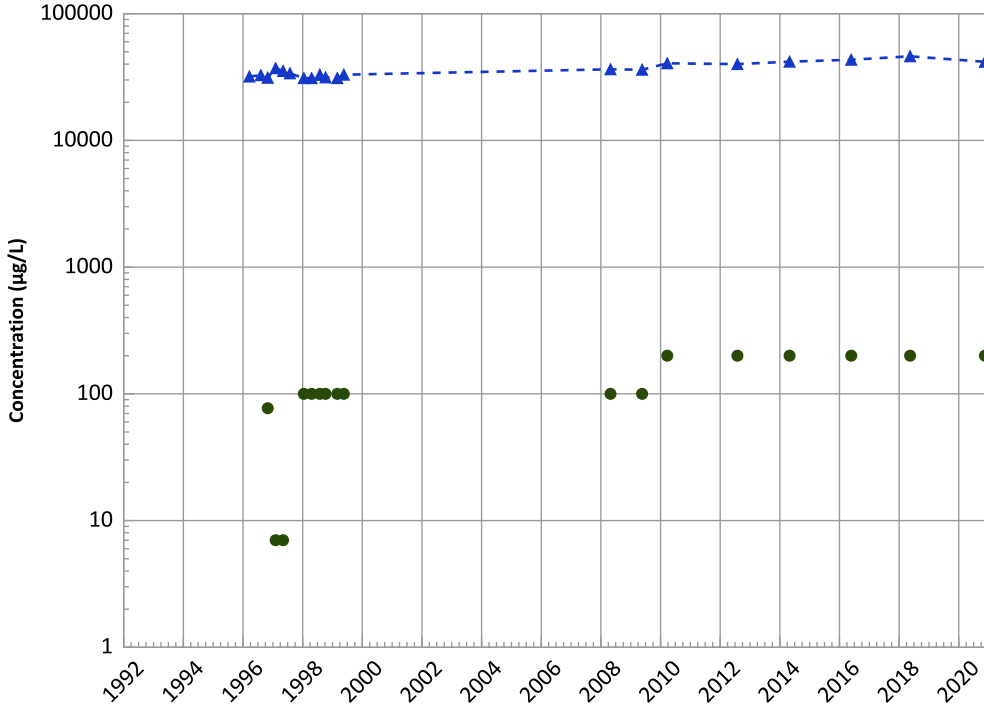


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

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

1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

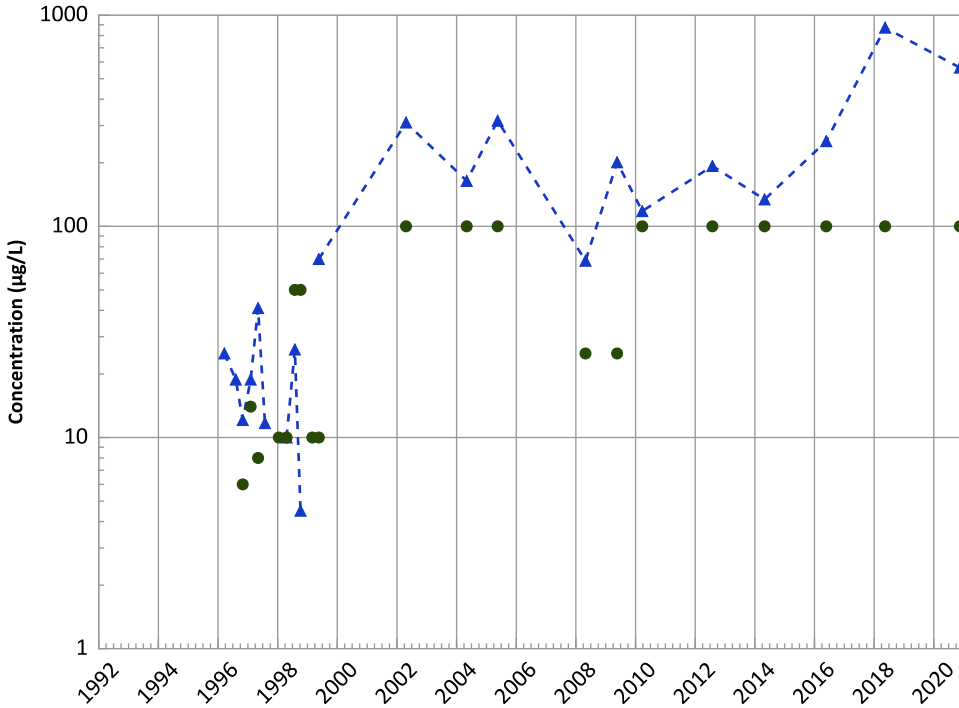
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

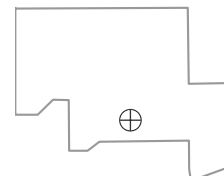
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

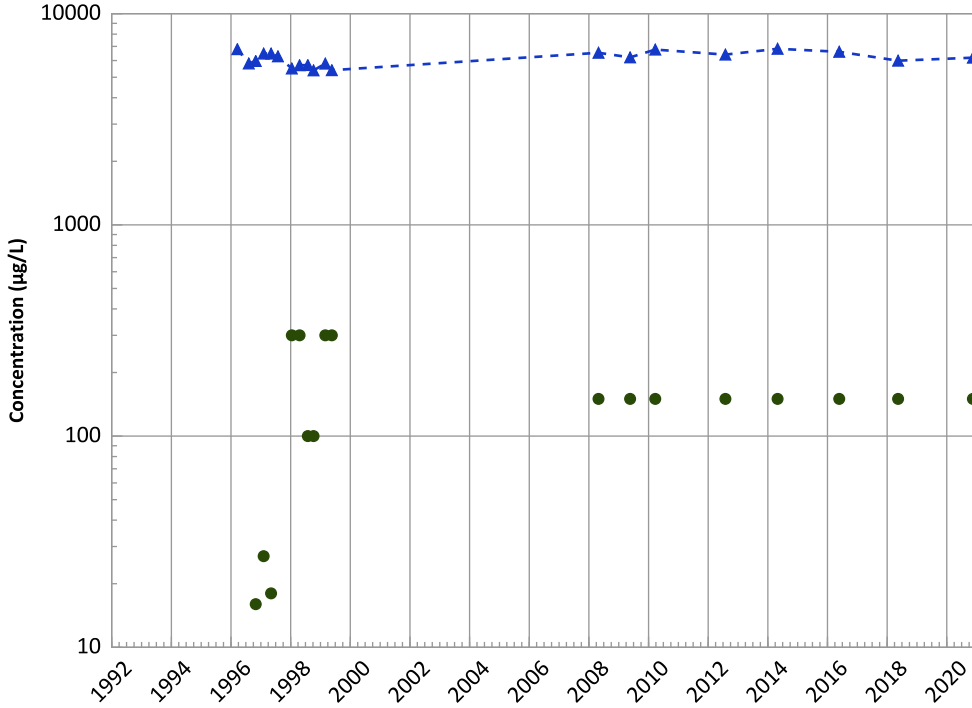
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

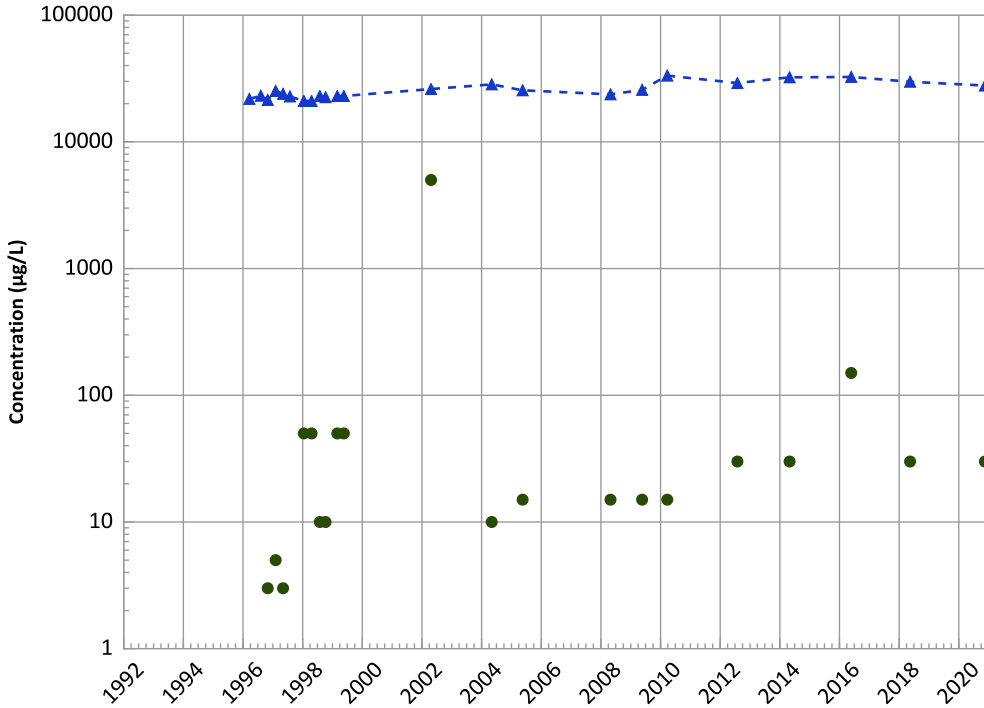
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

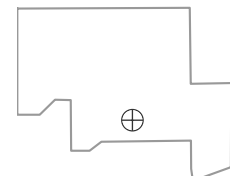
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Well Location

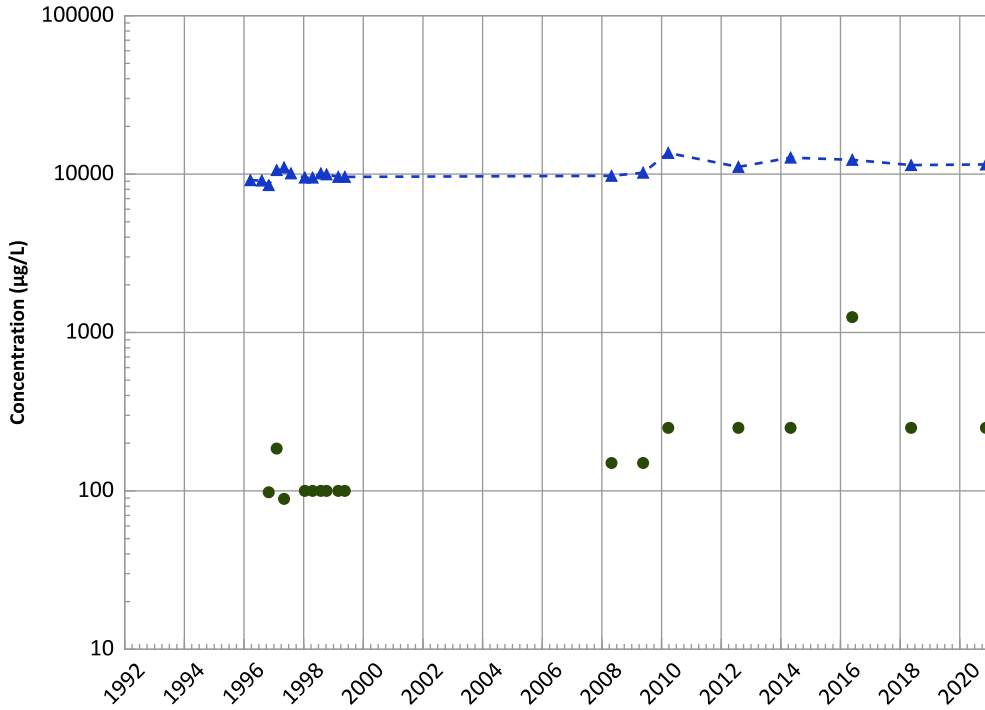


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

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

1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

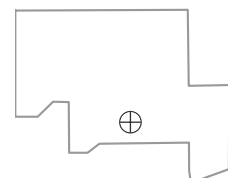
All Data:

Increasing

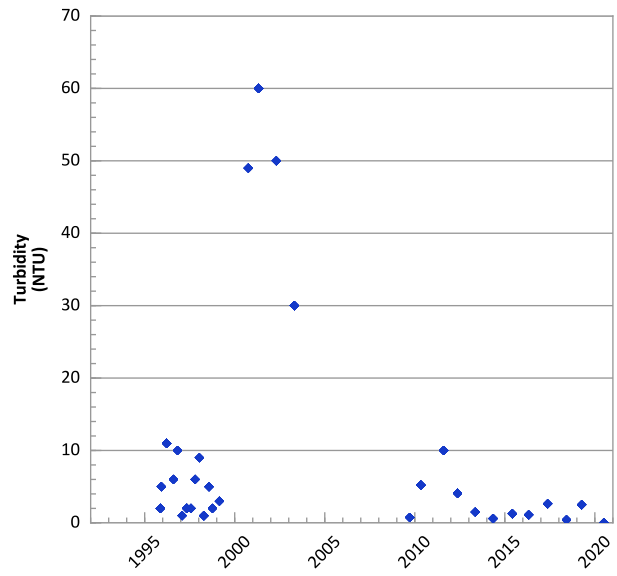
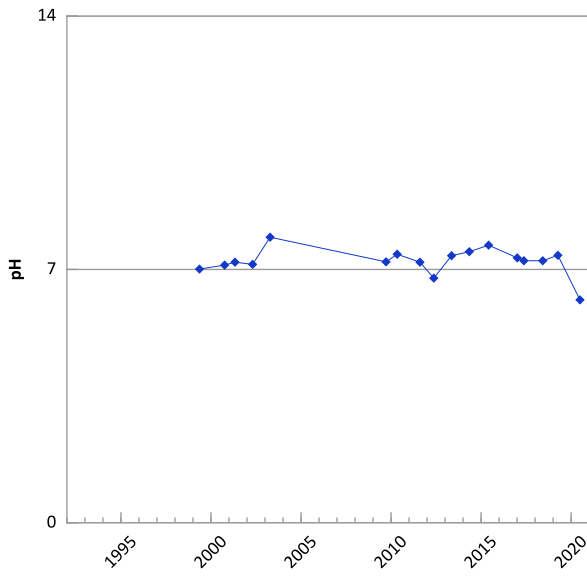
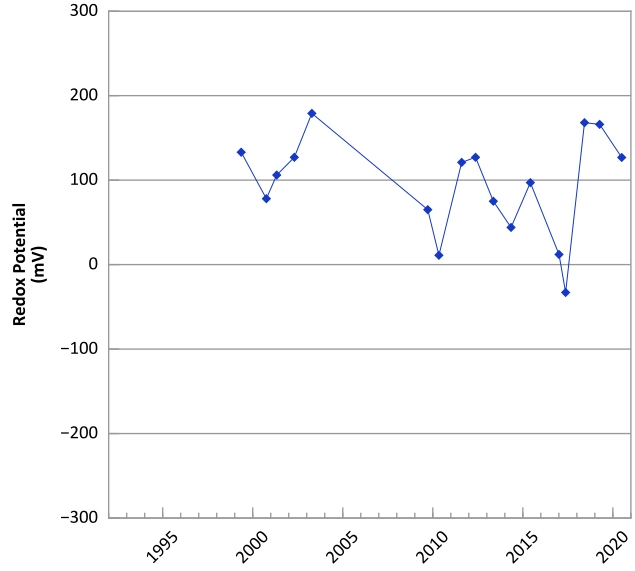
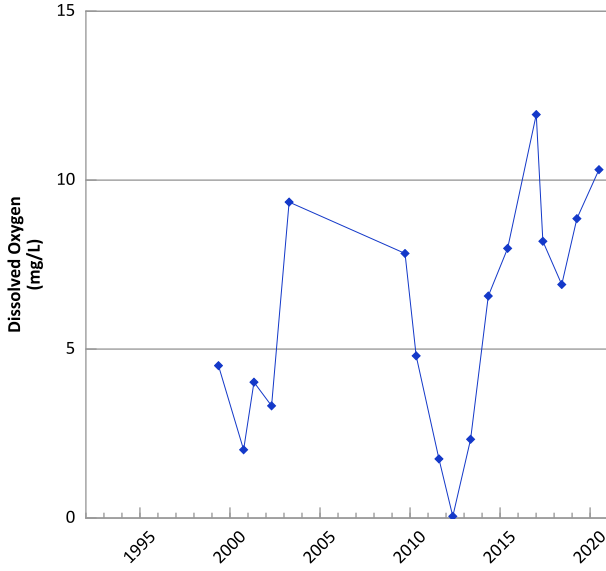
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/19/1996 to 11/16/2020
Analysis Date: 06/03/2021

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

Well Location

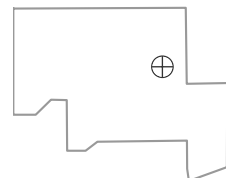


**OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



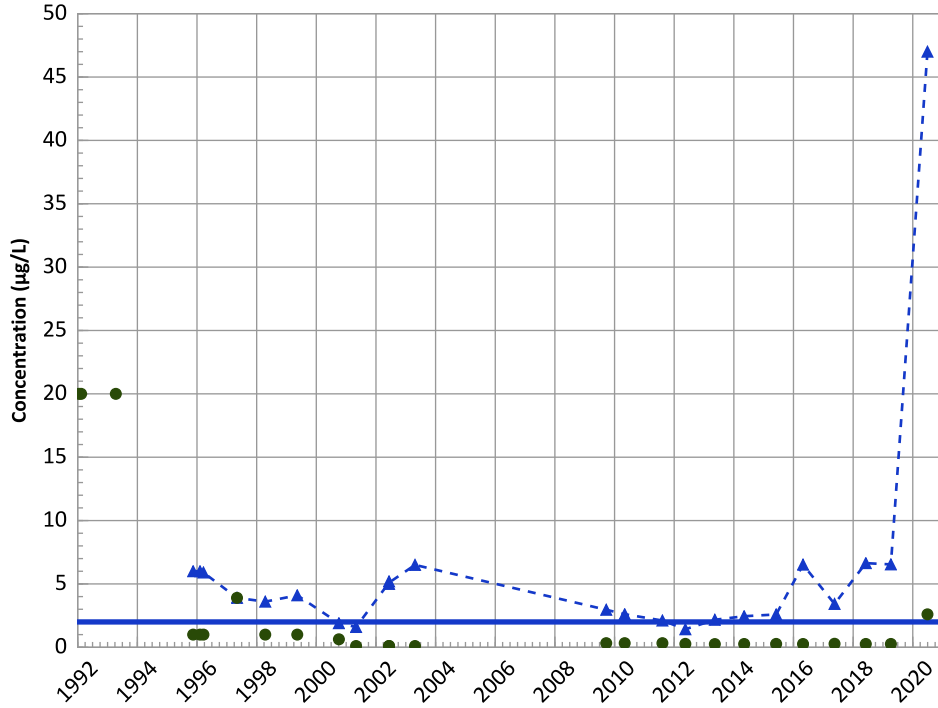
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/16/1992 to 06/29/2020
 Analysis Date: 06/03/2021

Well Location



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

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

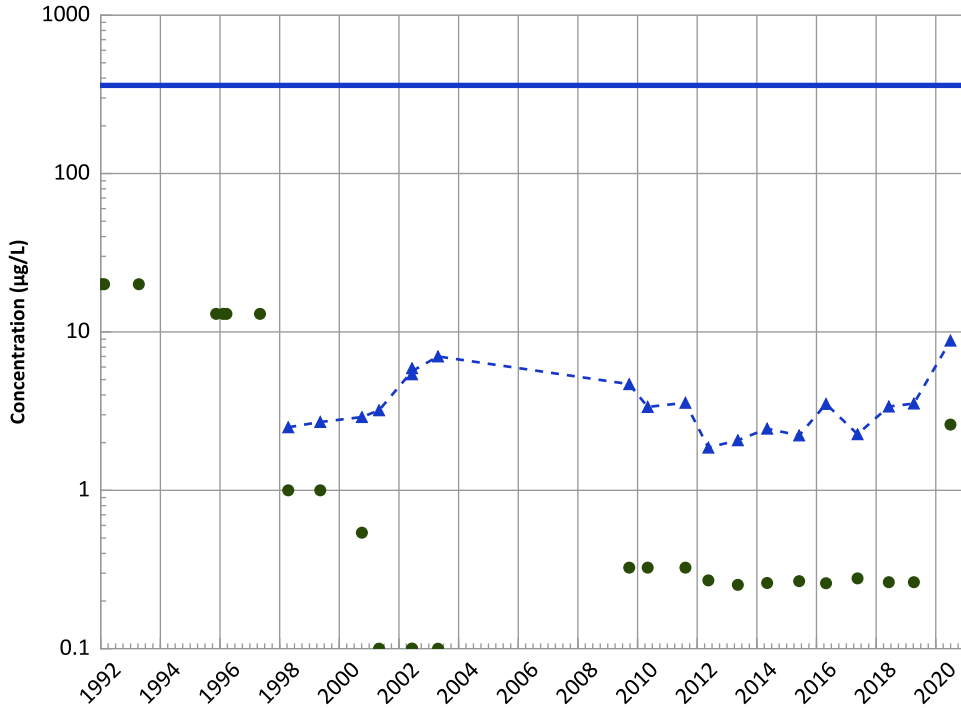
2018 - 2020 Data:

Increasing

All Data:

No Trend

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

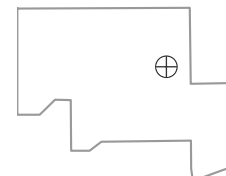
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

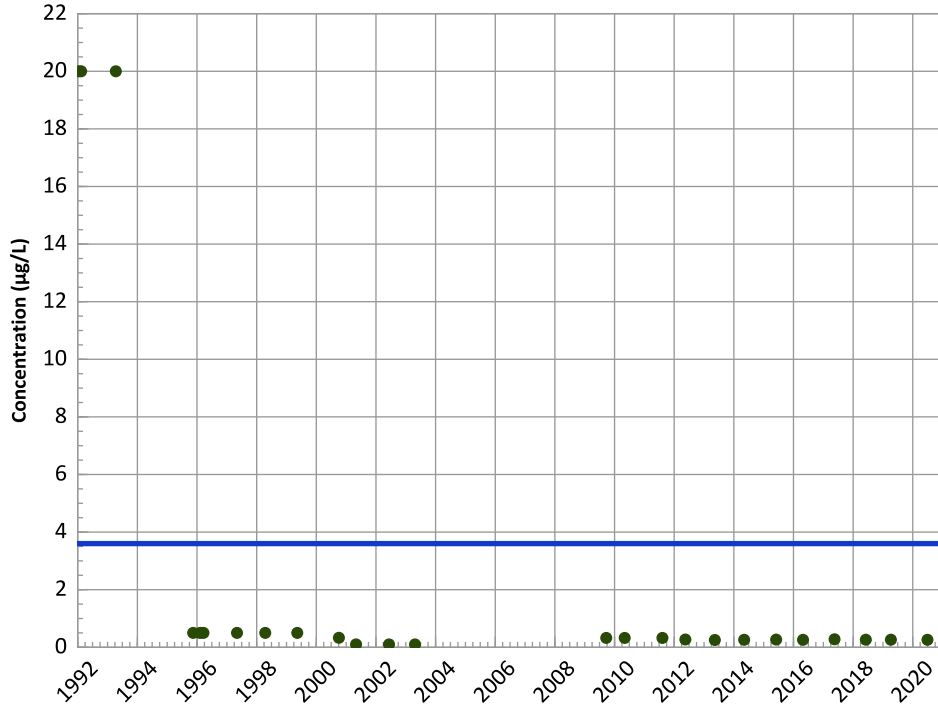
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

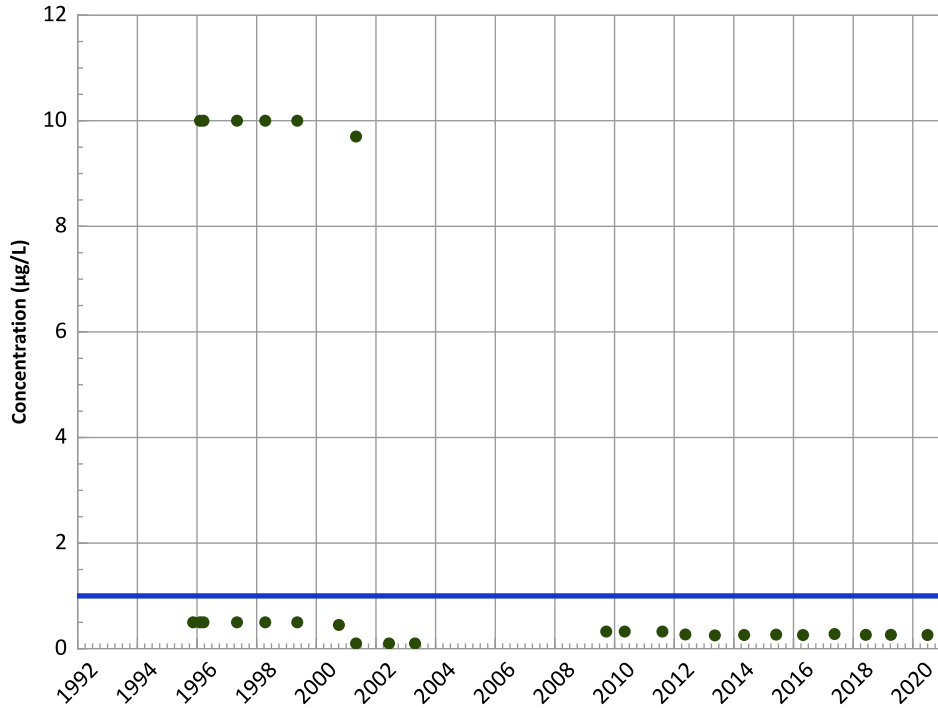
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

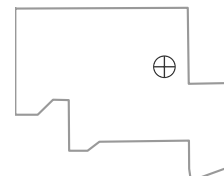
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

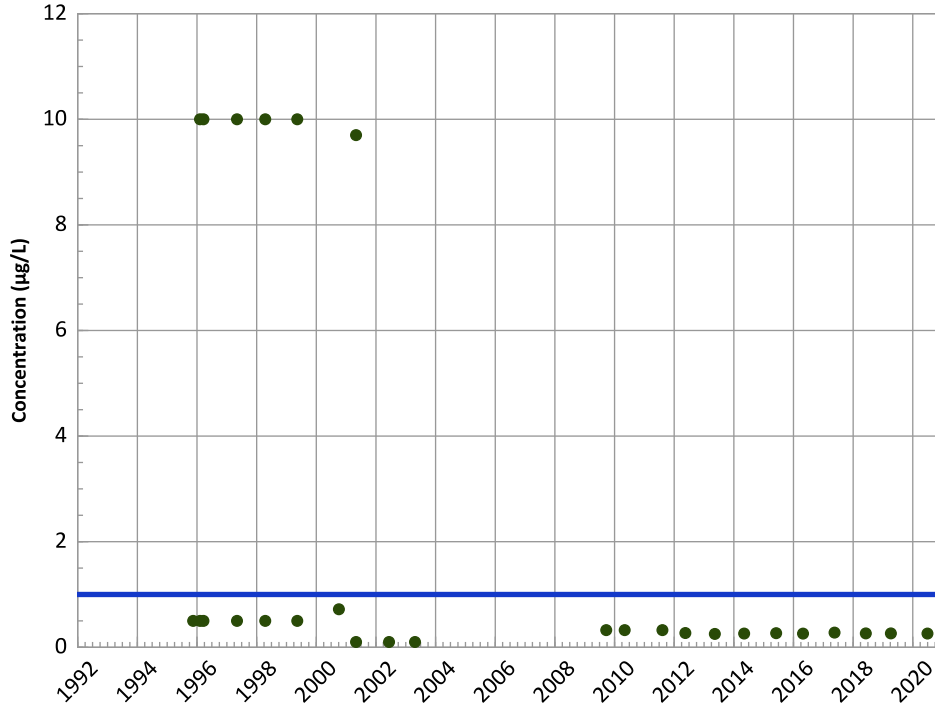
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

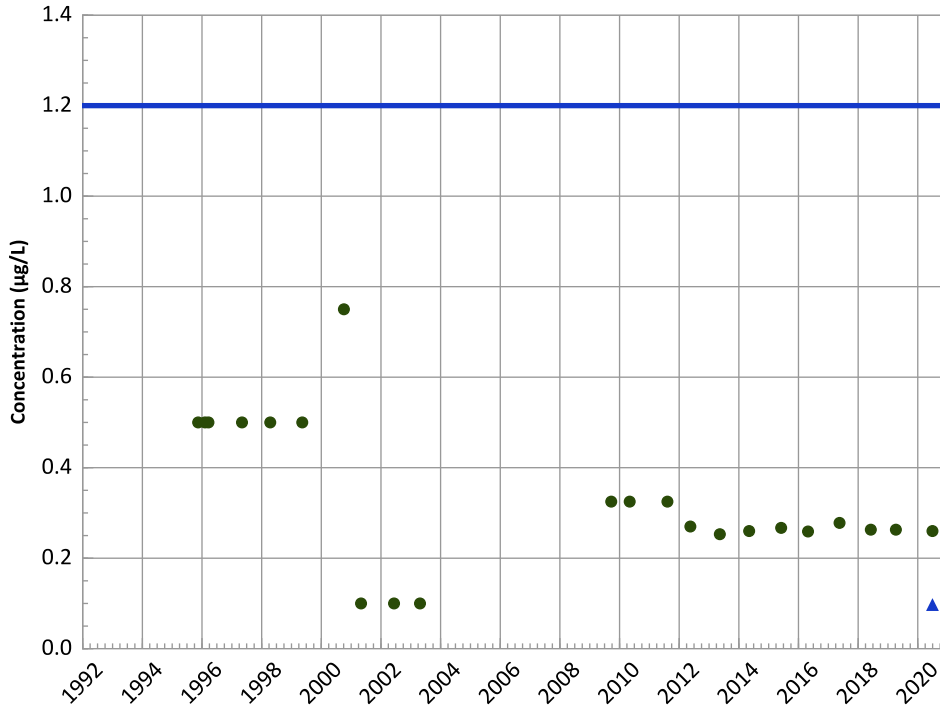
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

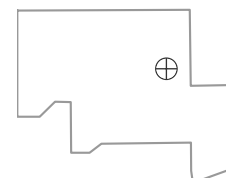
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

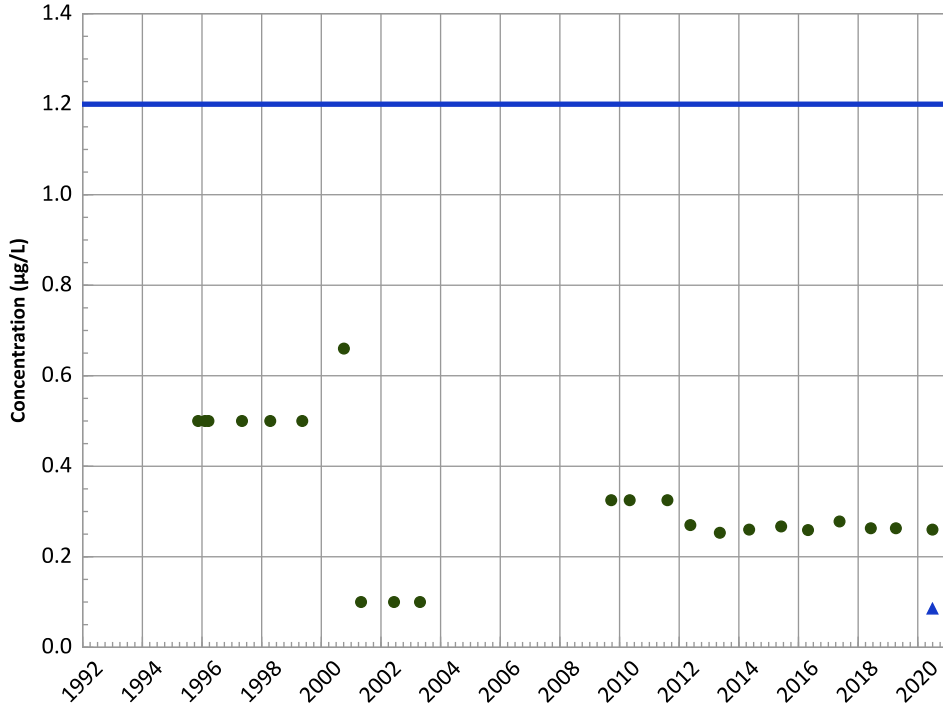
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

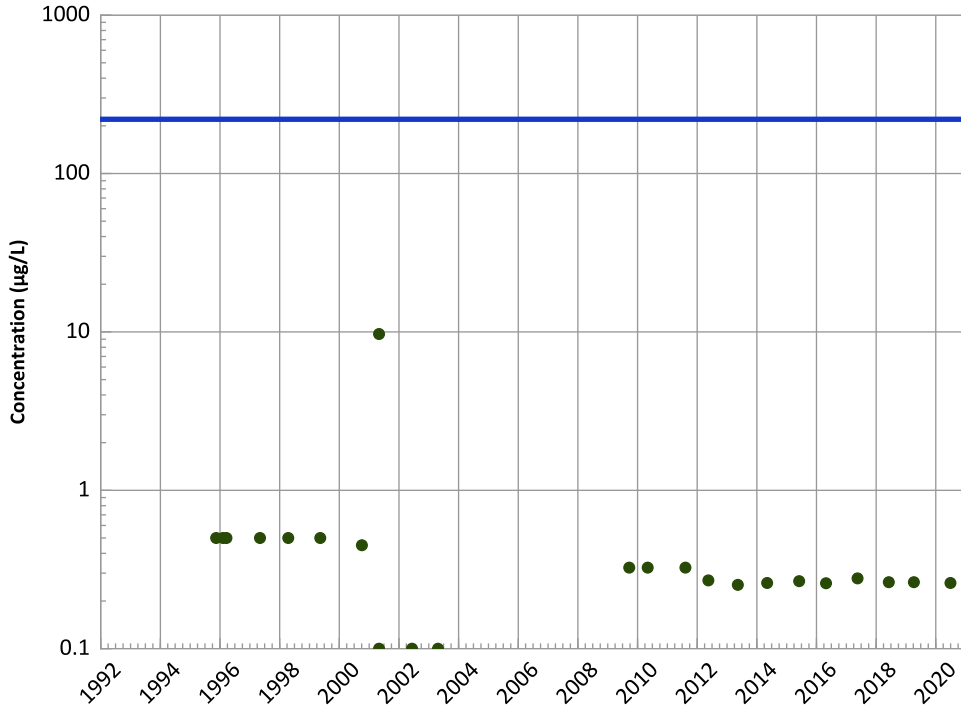
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

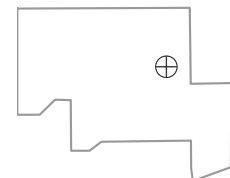
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

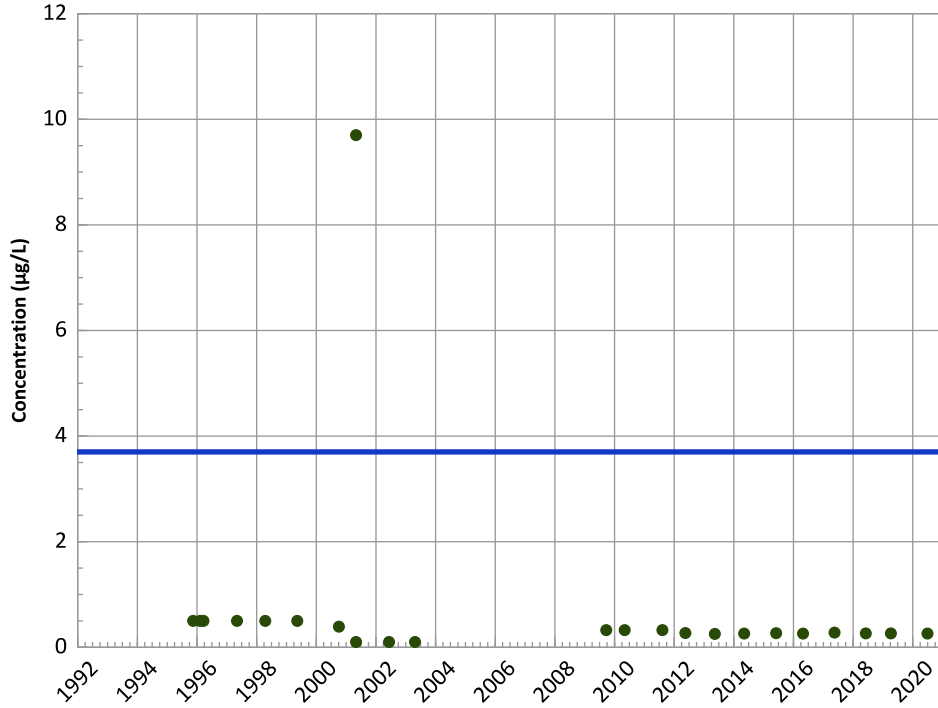
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

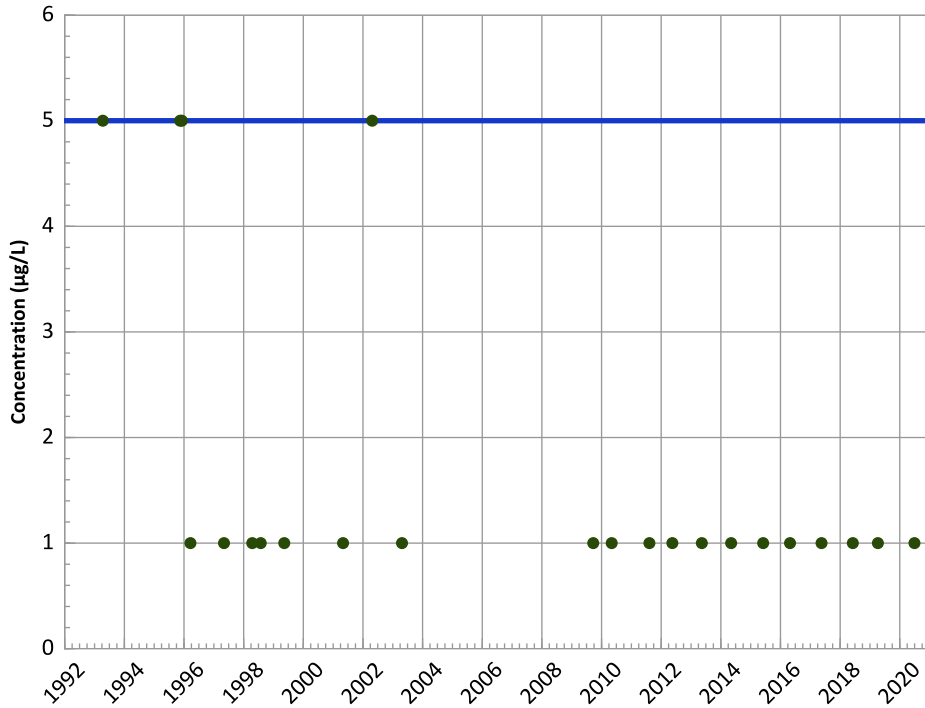
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

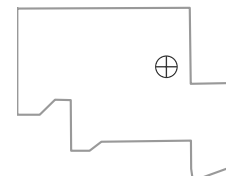
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

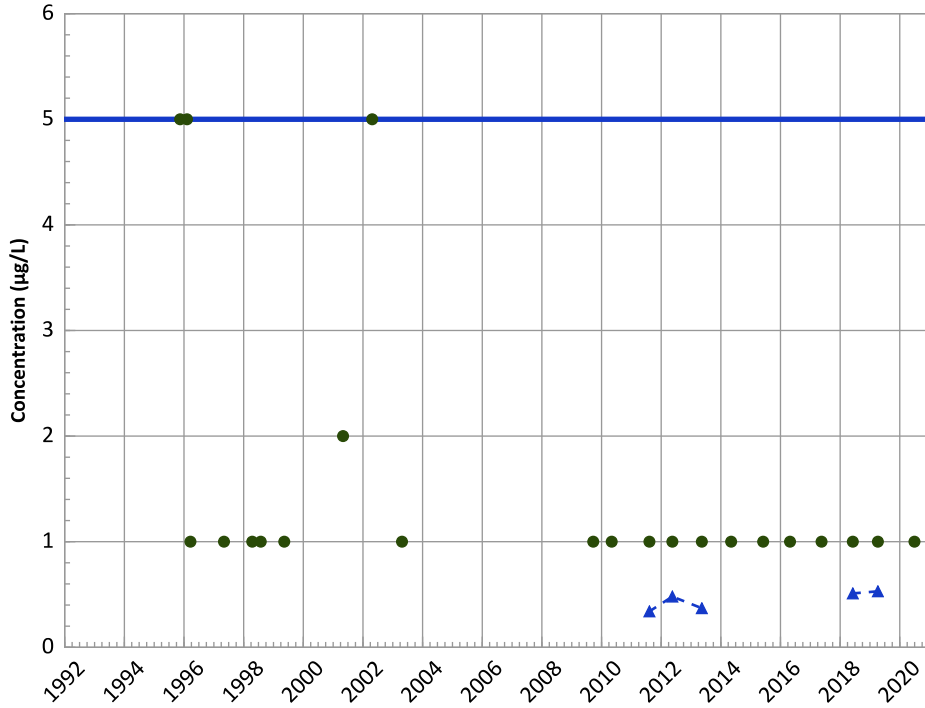
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Trichloroethene Trend

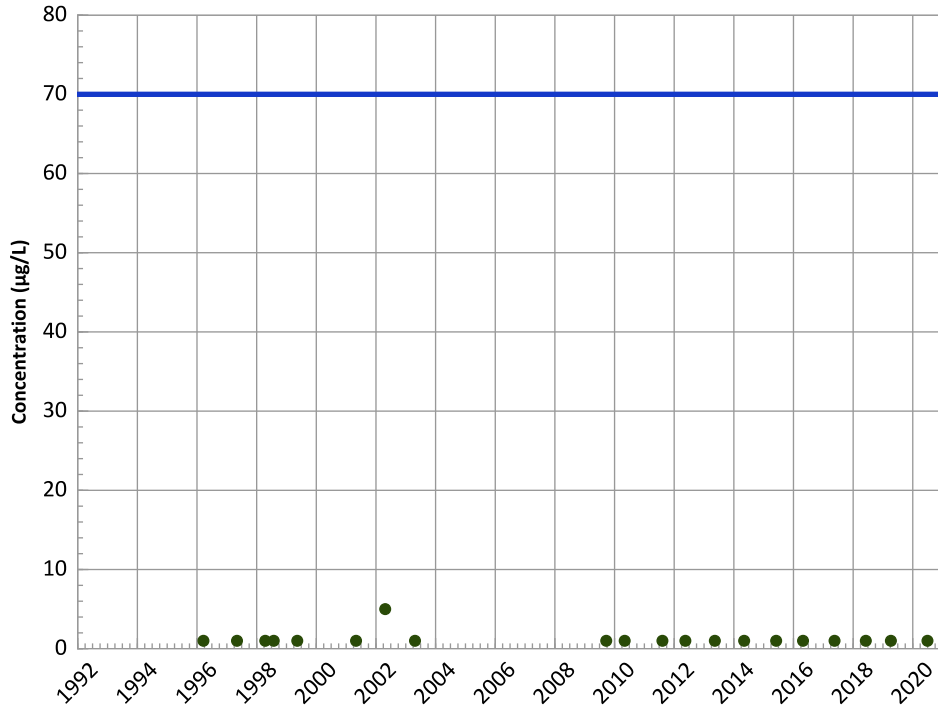


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

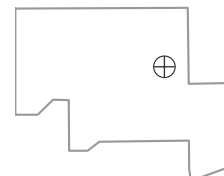
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

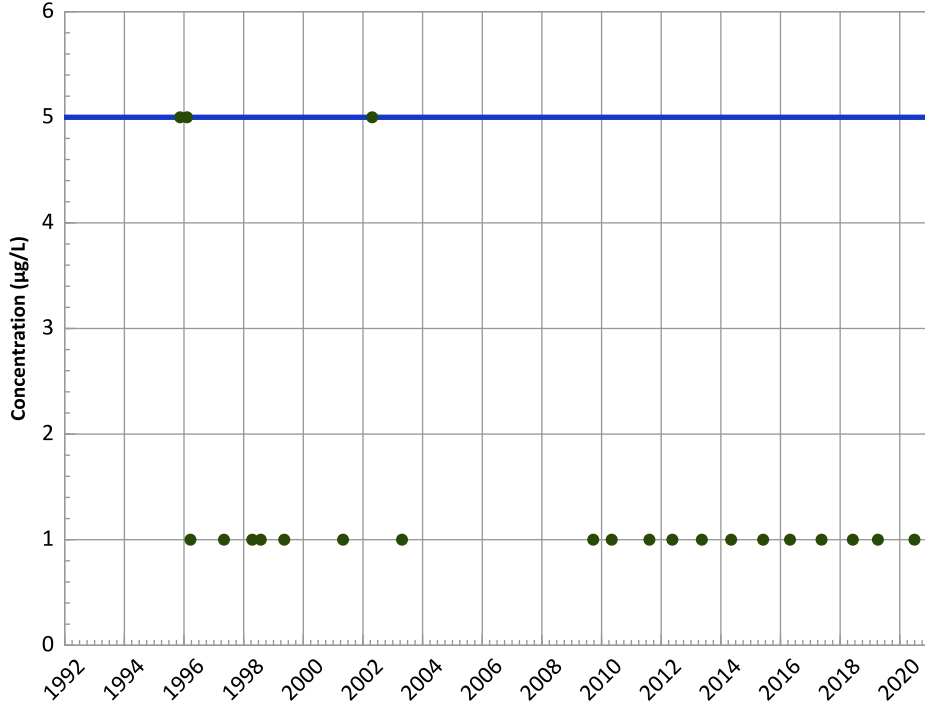
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

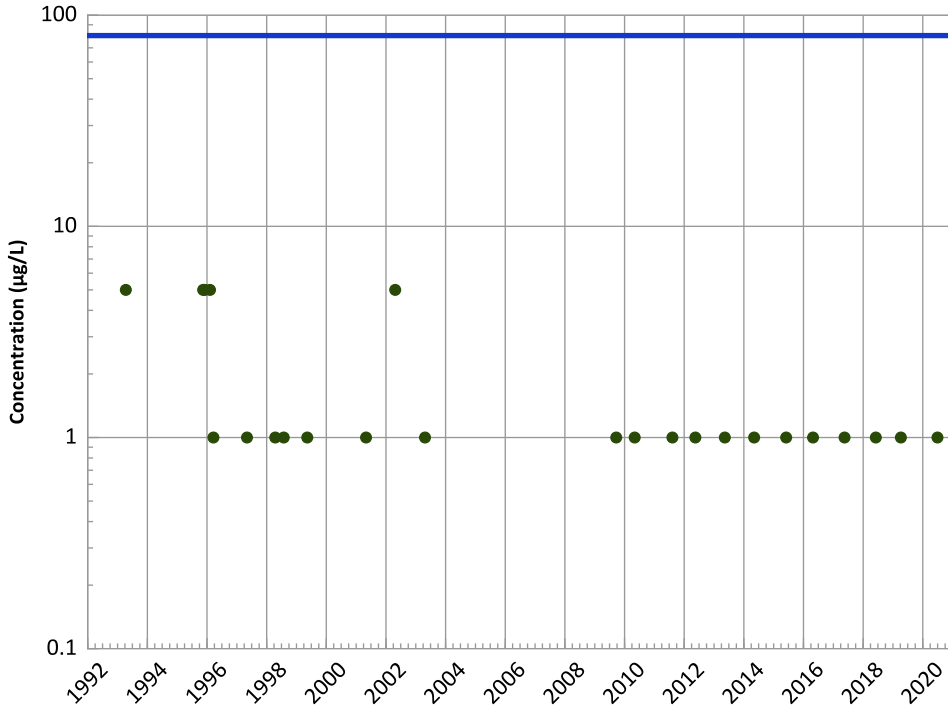
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

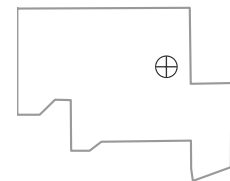
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

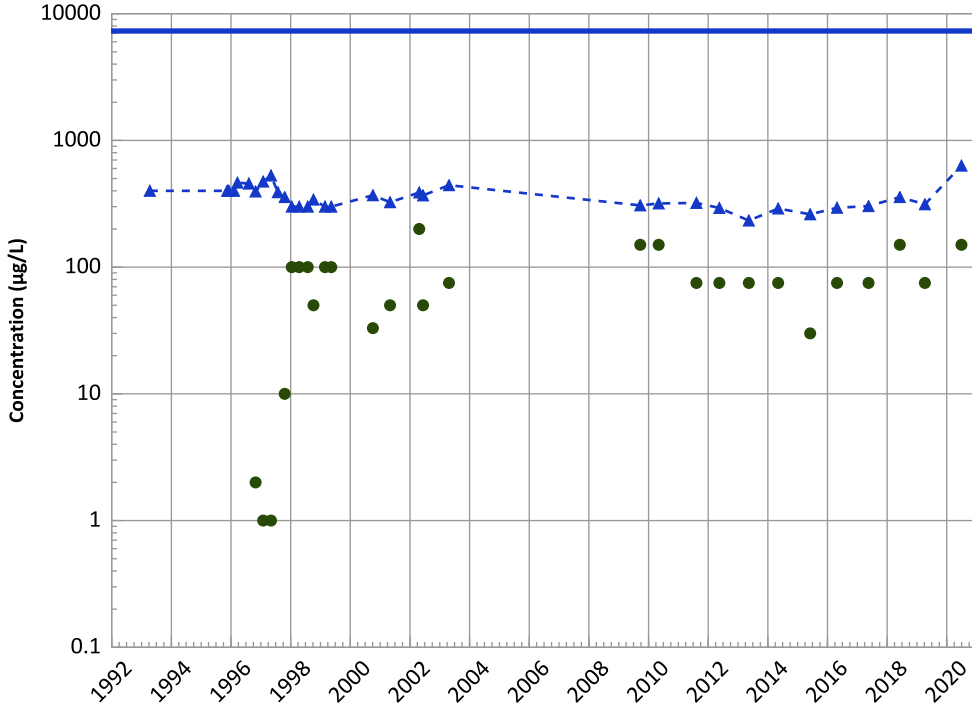


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

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

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

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

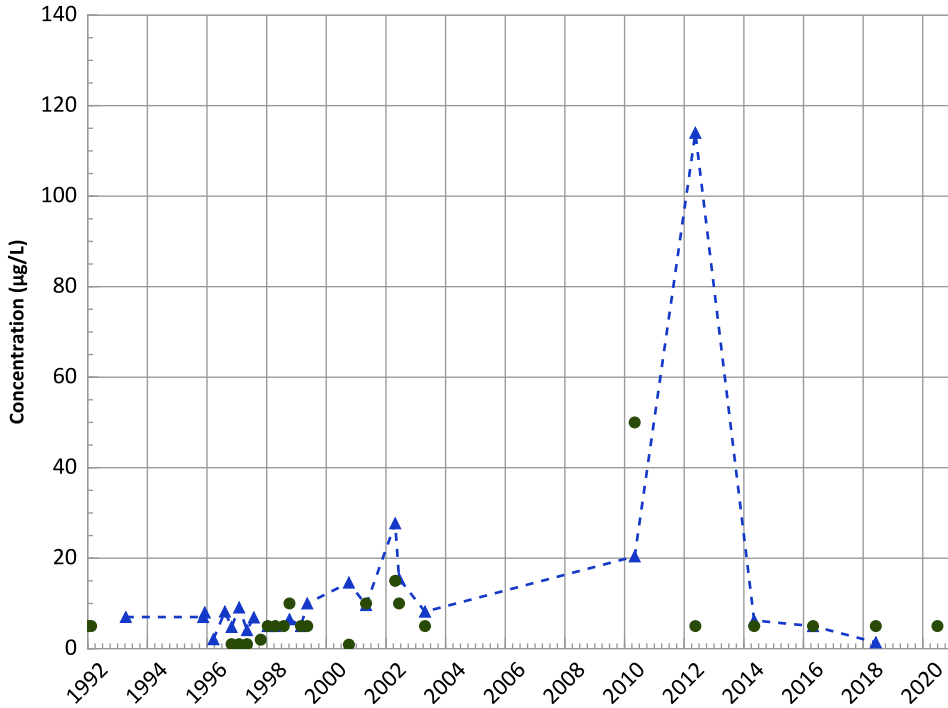
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

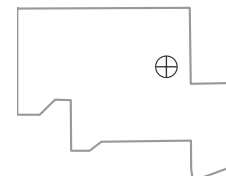
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

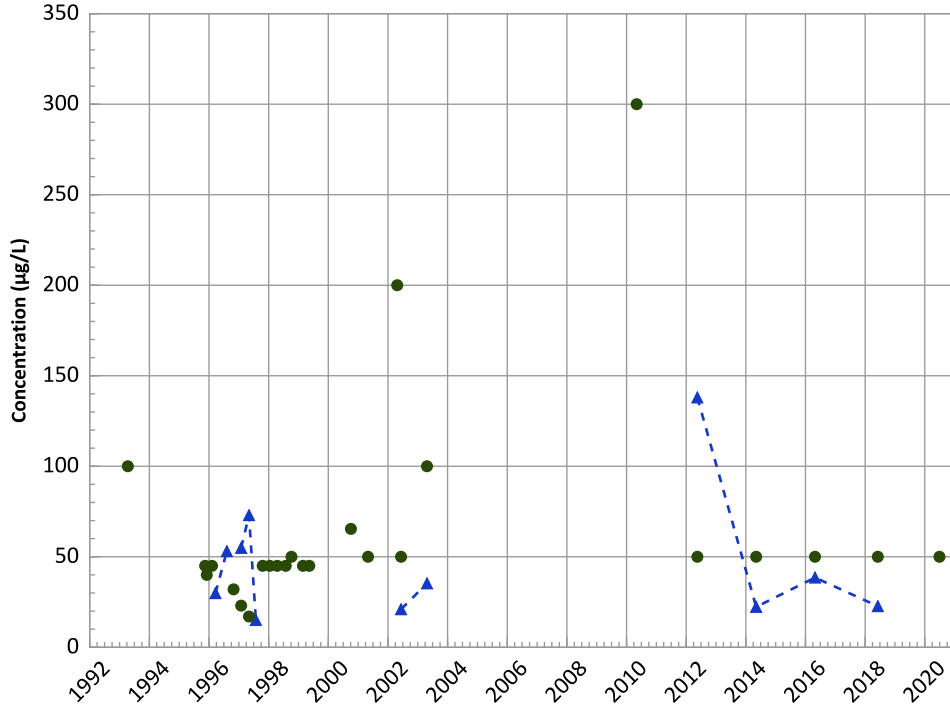
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Aluminum Trend

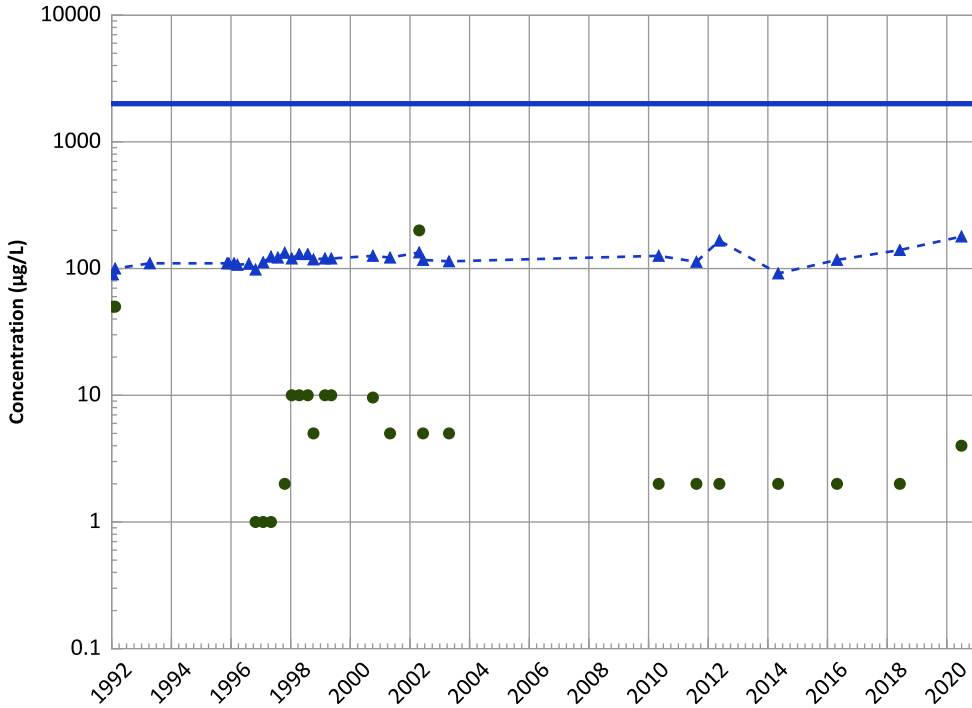


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Barium Trend



Concentration Trend

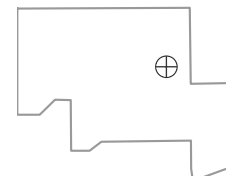
MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

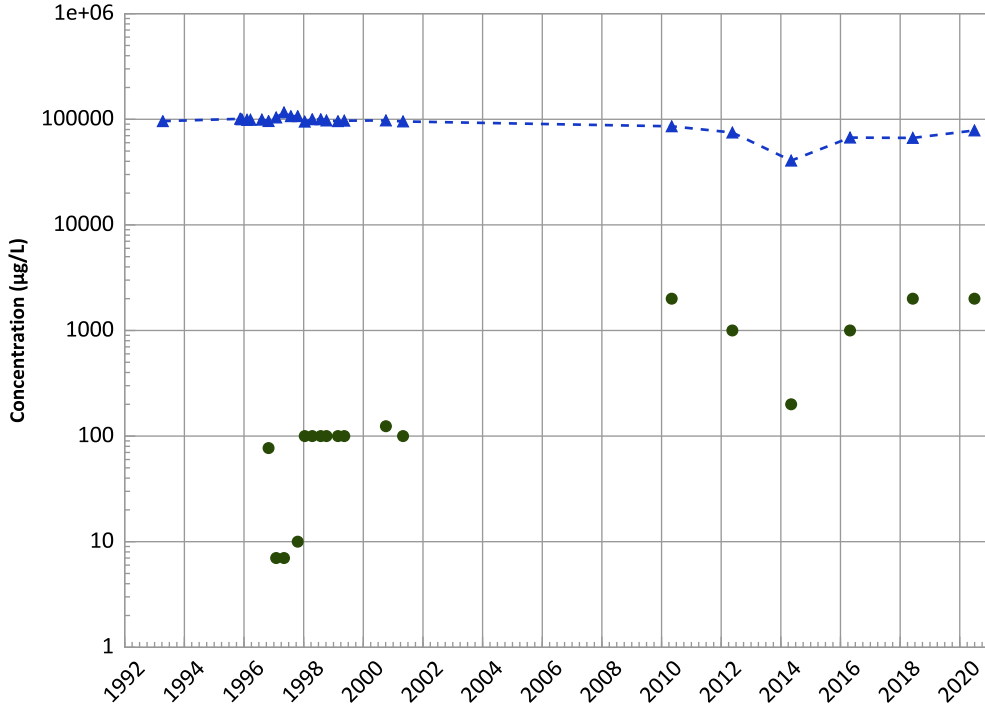
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

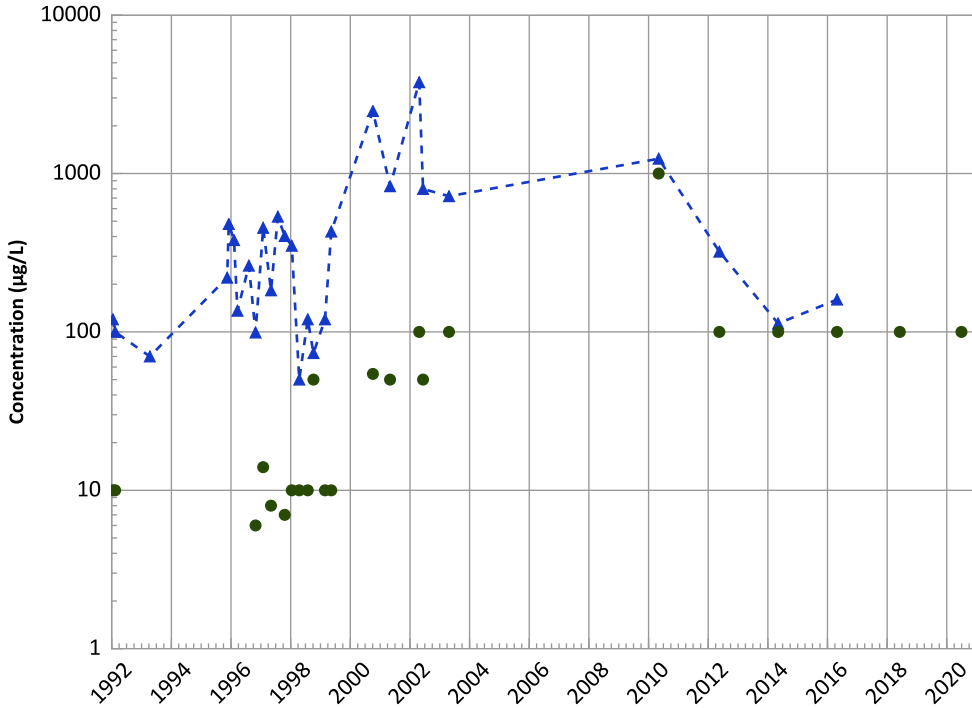
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

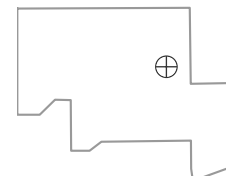
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

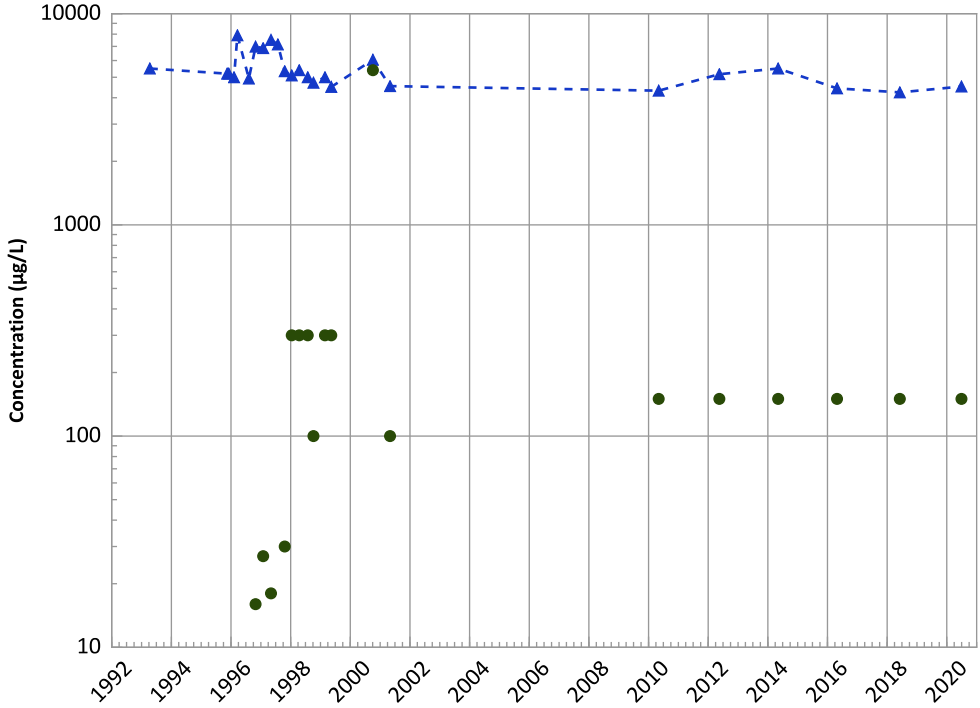
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

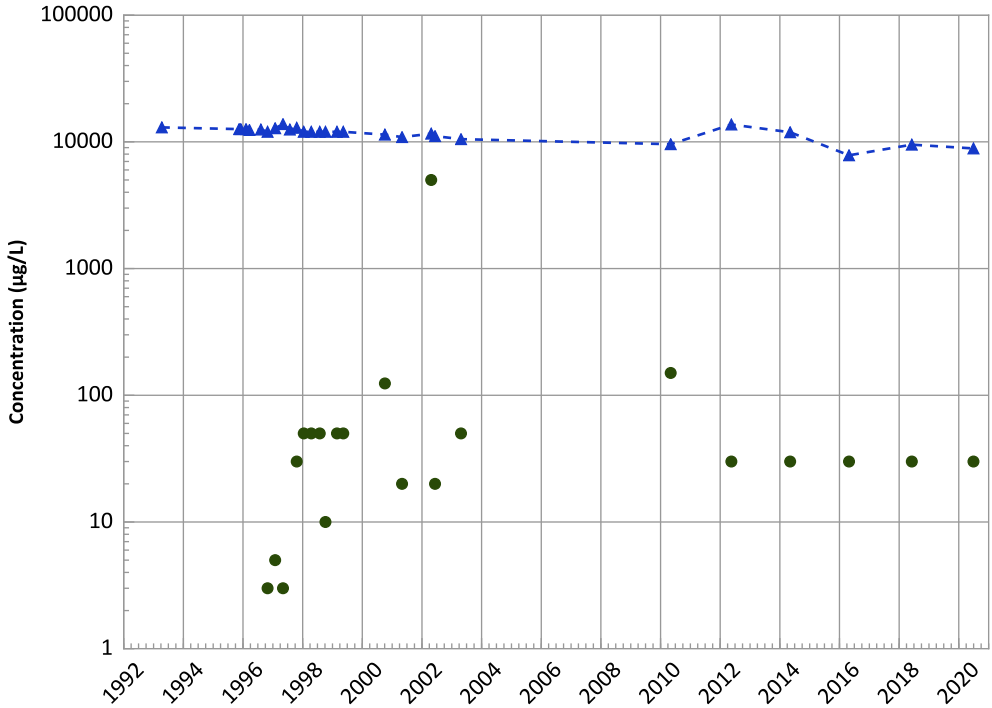
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

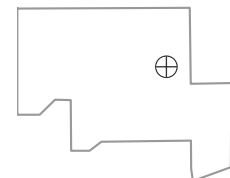
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

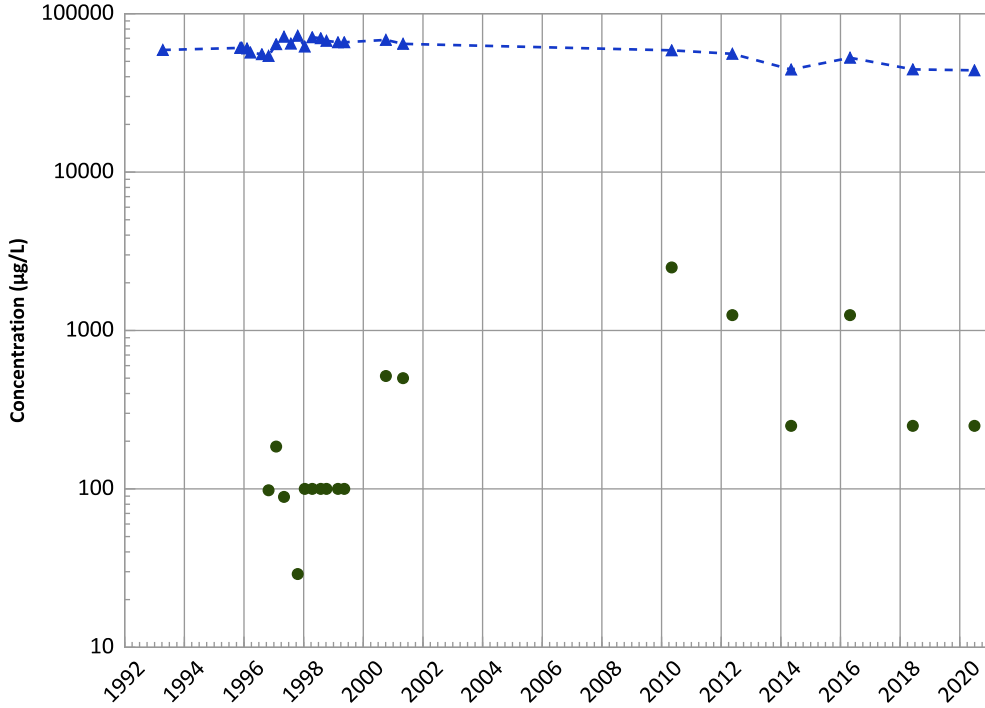
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

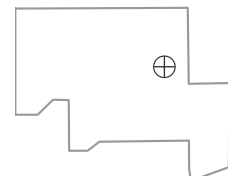
All Data:

Decreasing

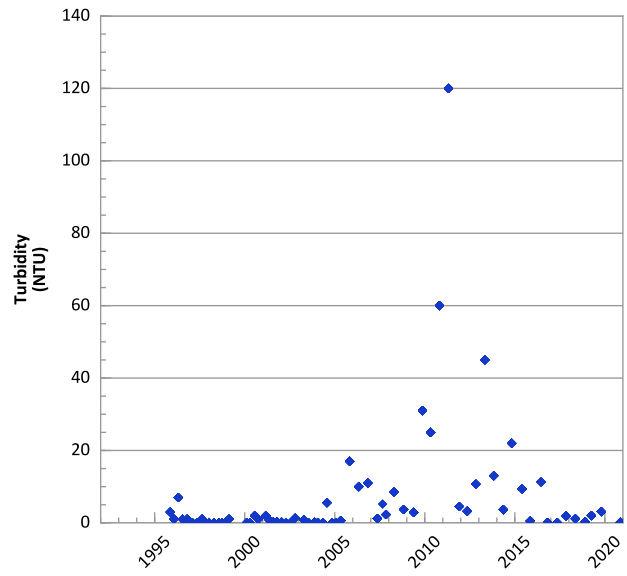
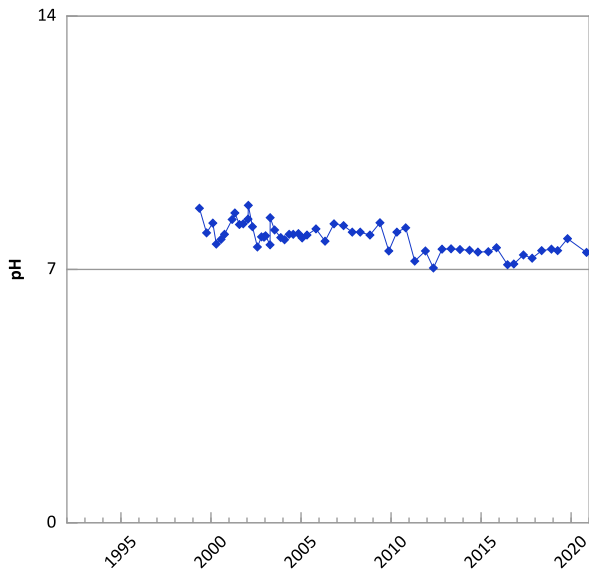
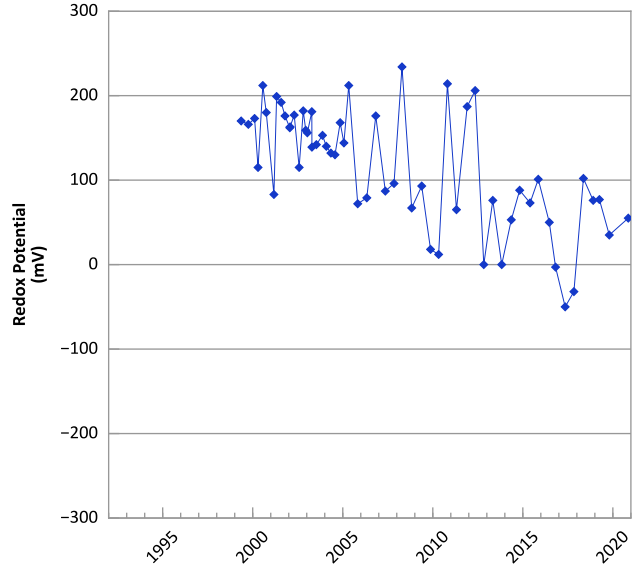
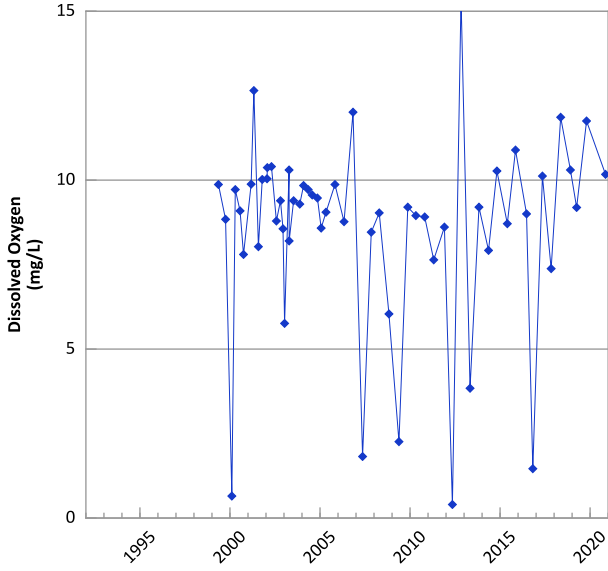
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/16/1992 to 06/29/2020
Analysis Date: 06/03/2021

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

Well Location

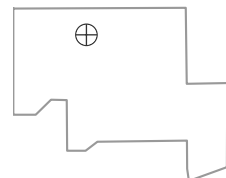


**PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



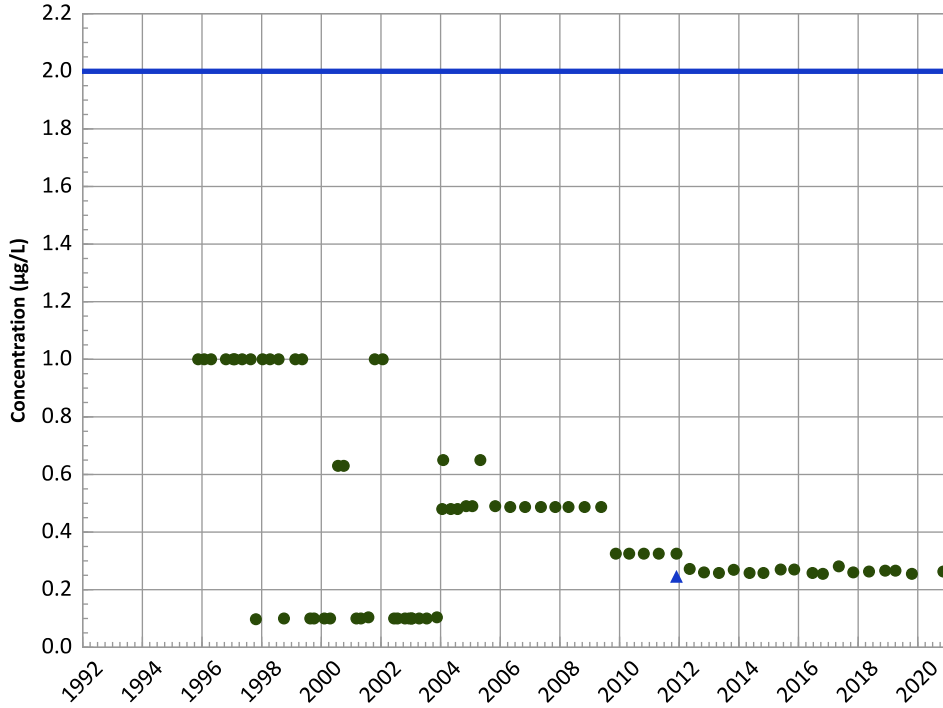
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

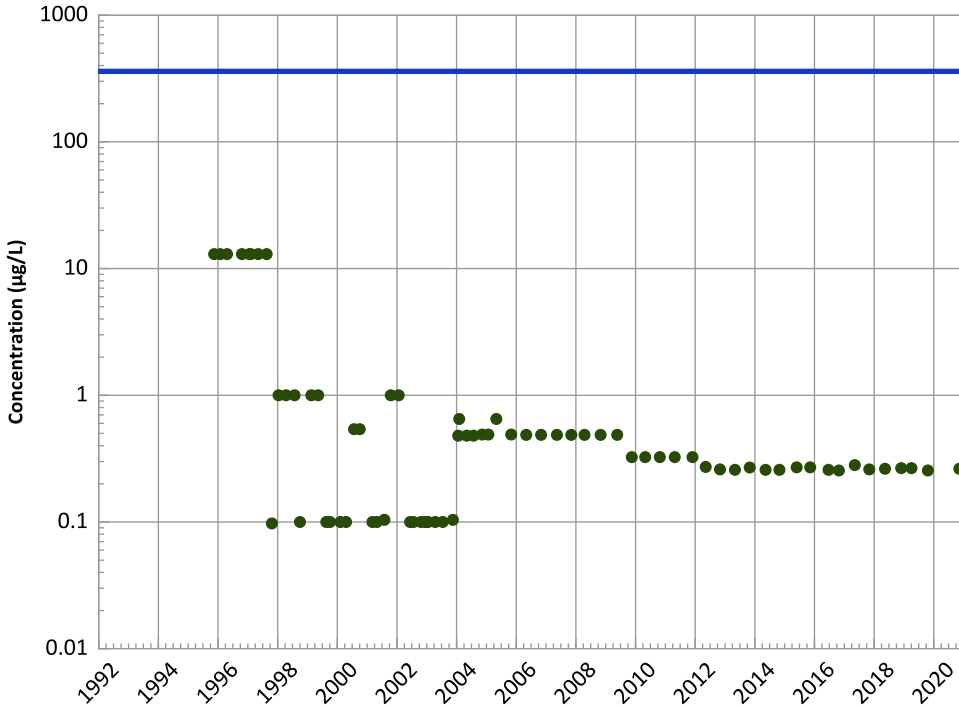
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

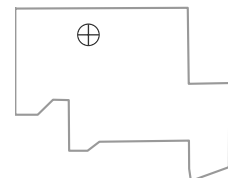
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

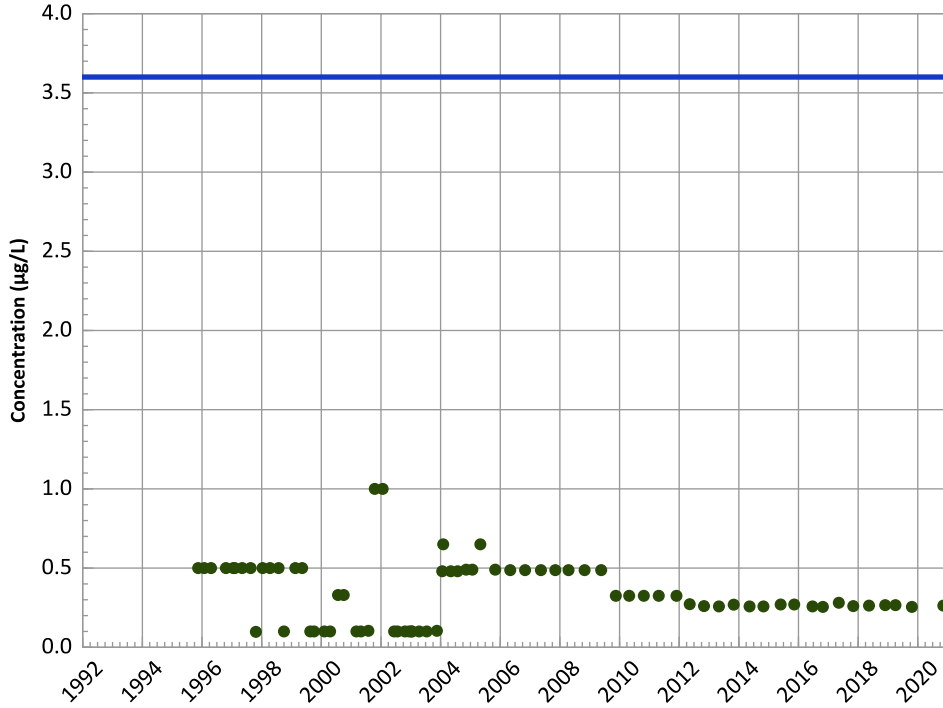
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

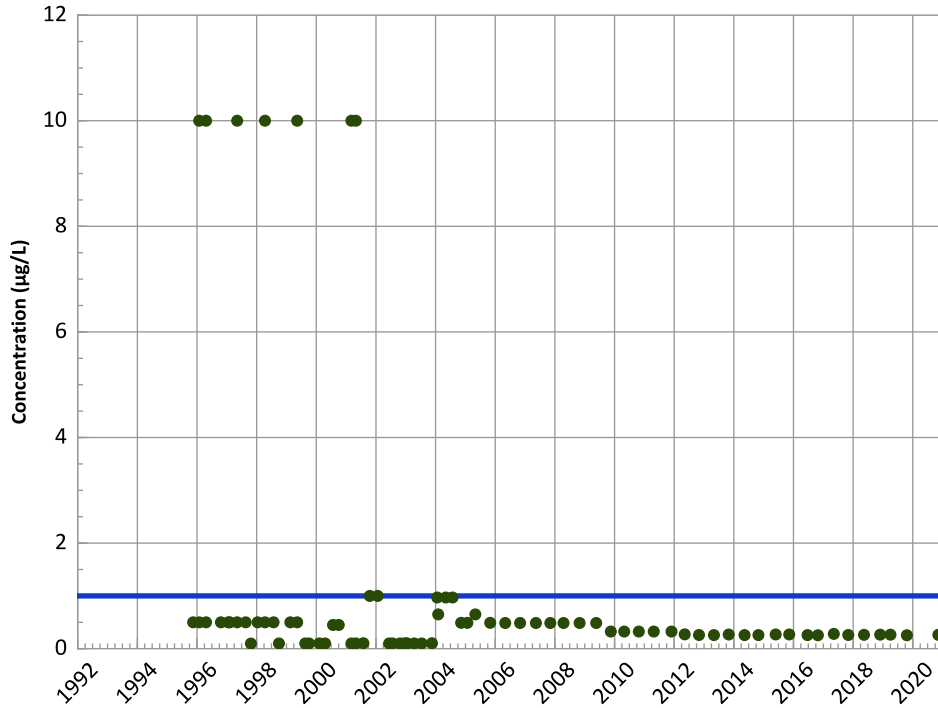
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

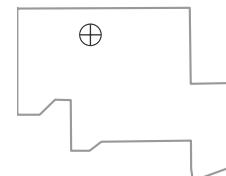
All Data:

All Non-Detect

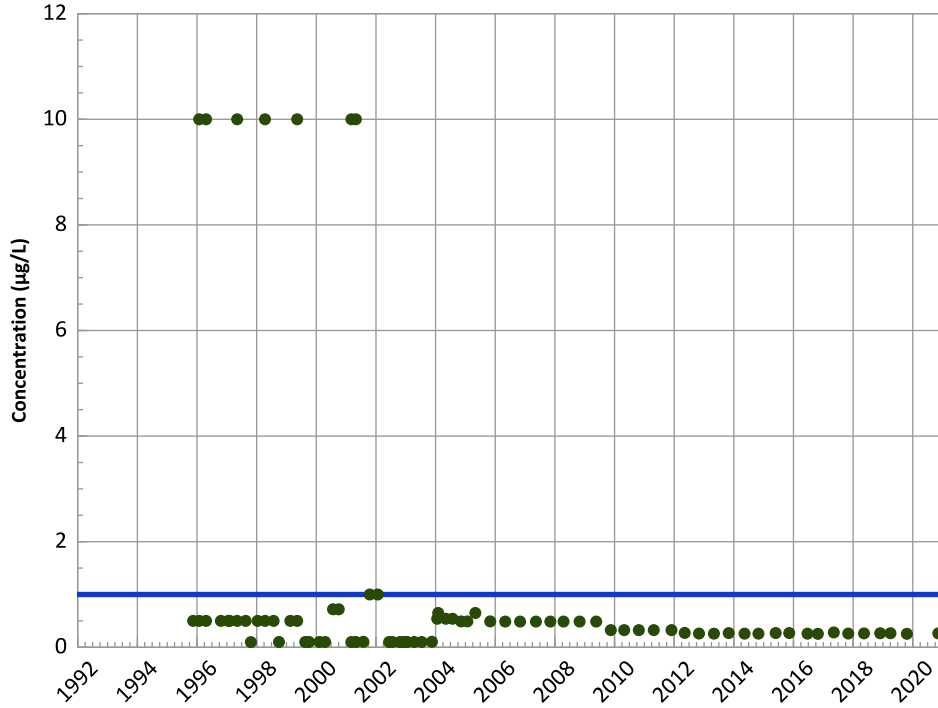
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

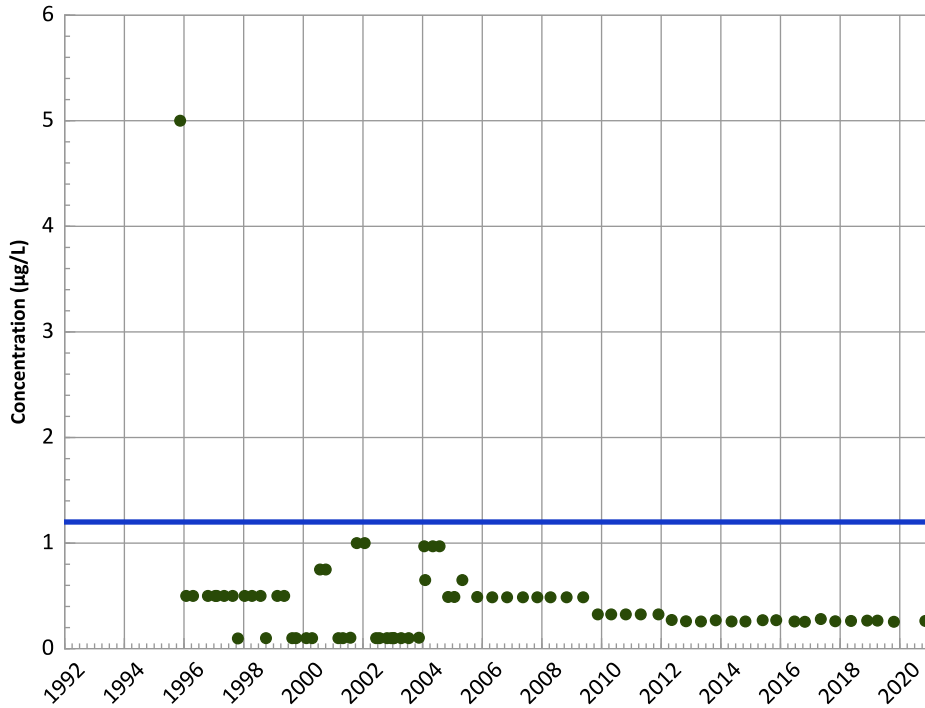
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

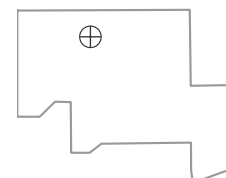
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

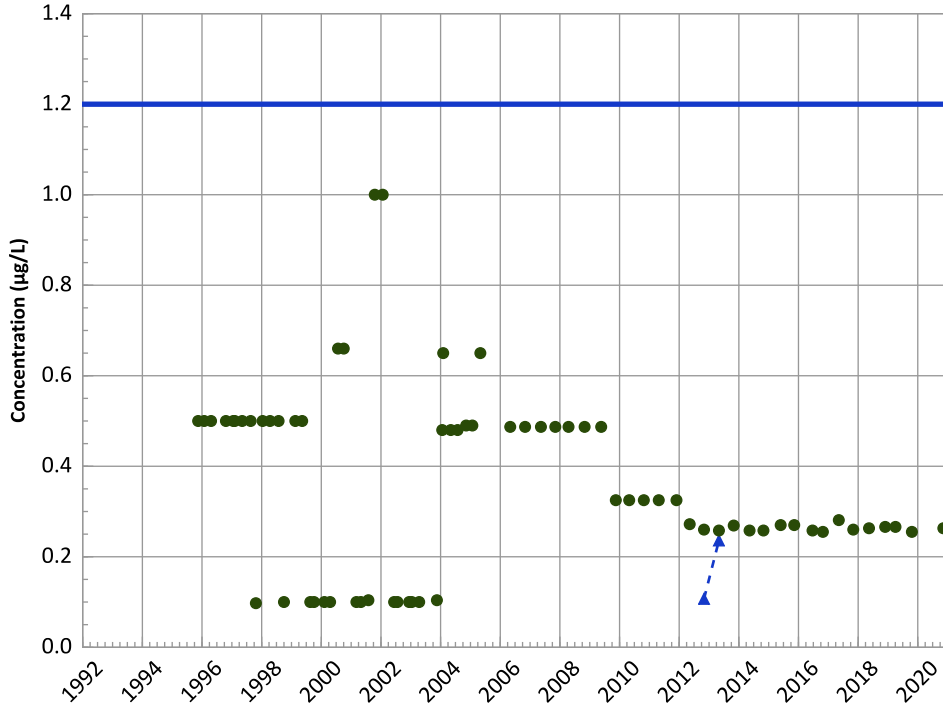
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

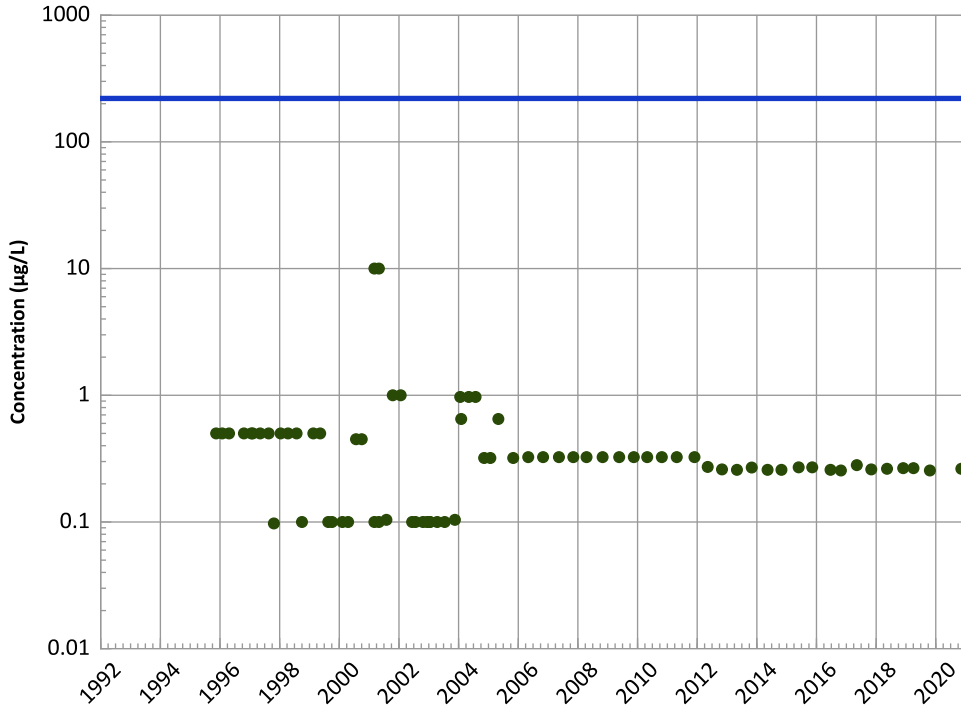
2018 - 2020 Data:

Stable

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

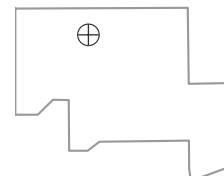
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

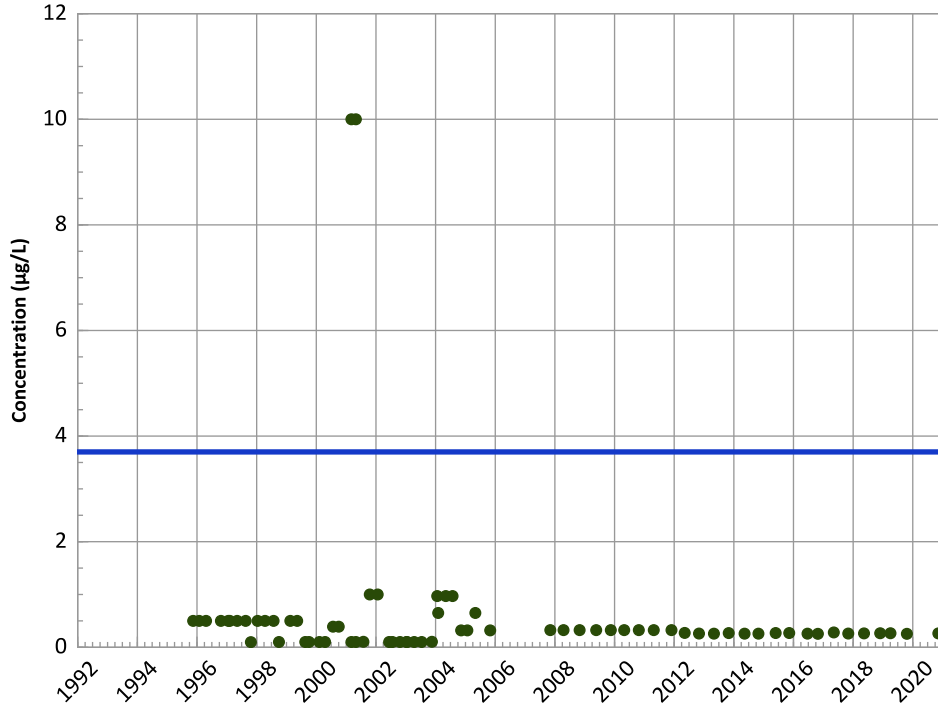
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

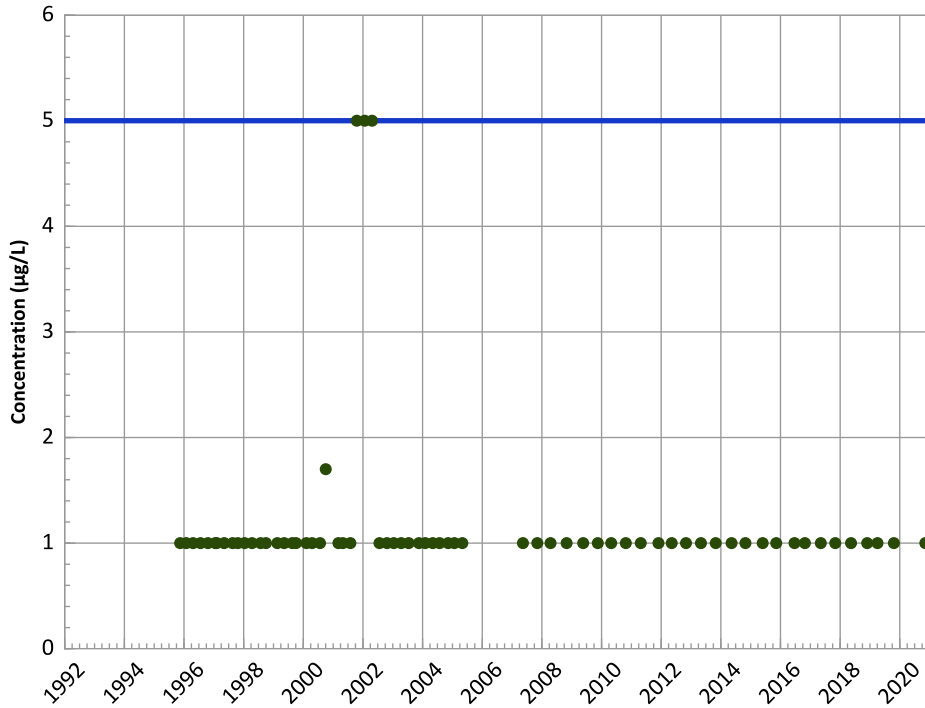
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

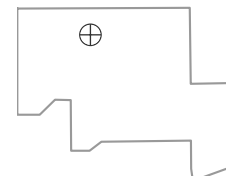
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

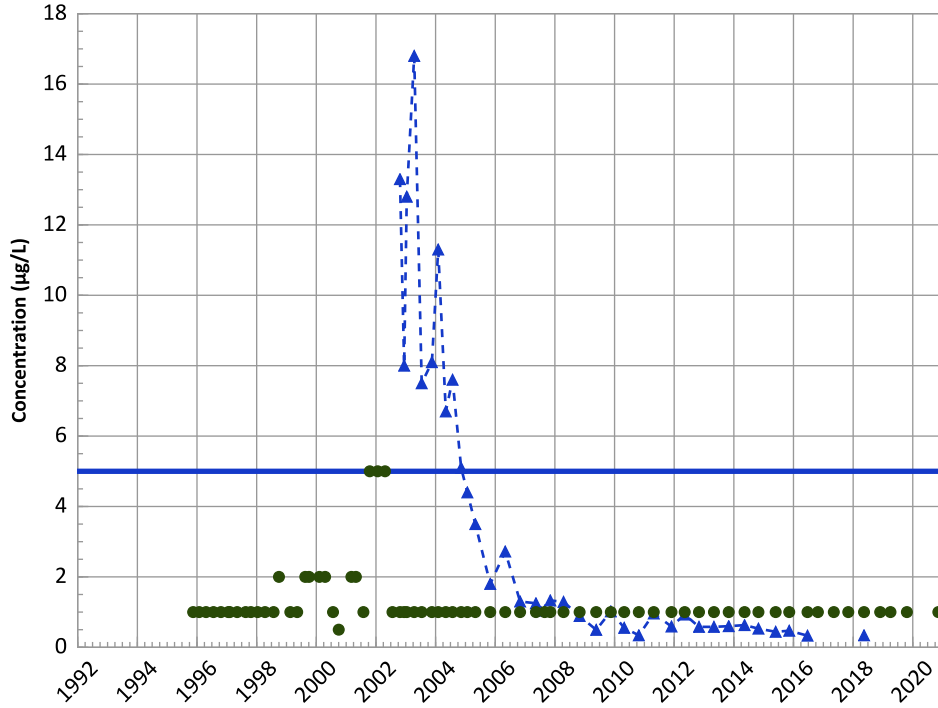
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

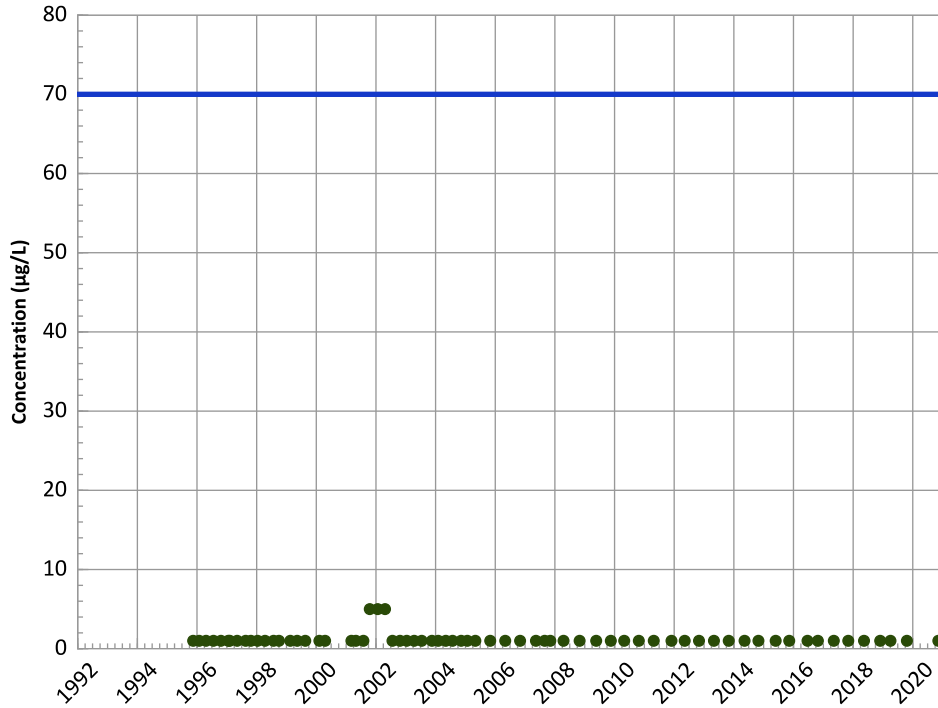
2018 - 2020 Data:

Stable

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

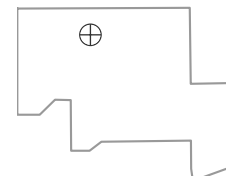
All Data:

All Non-Detect

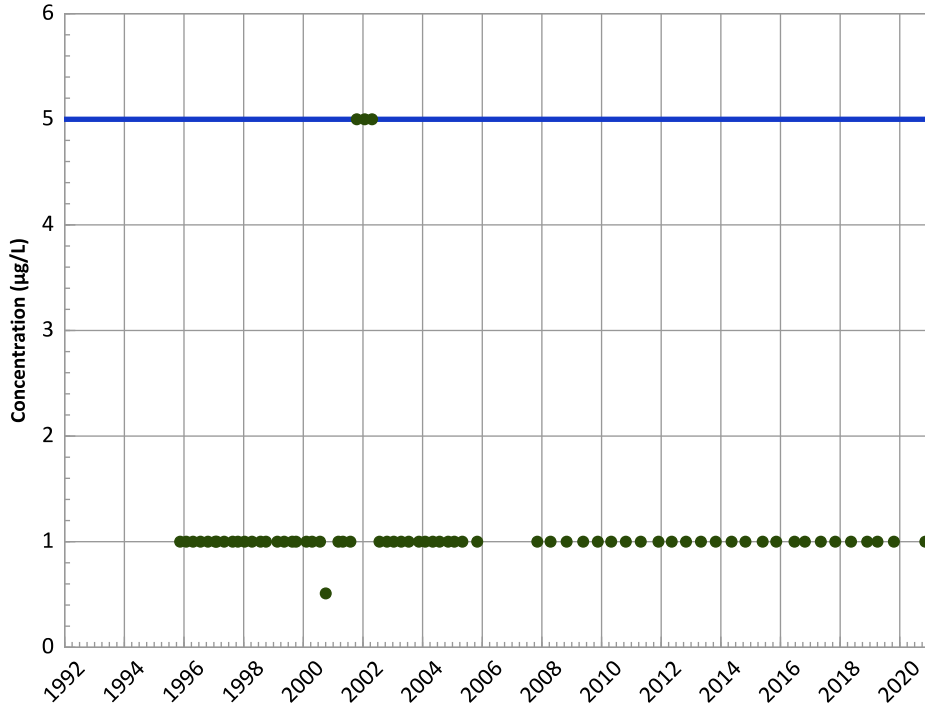
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

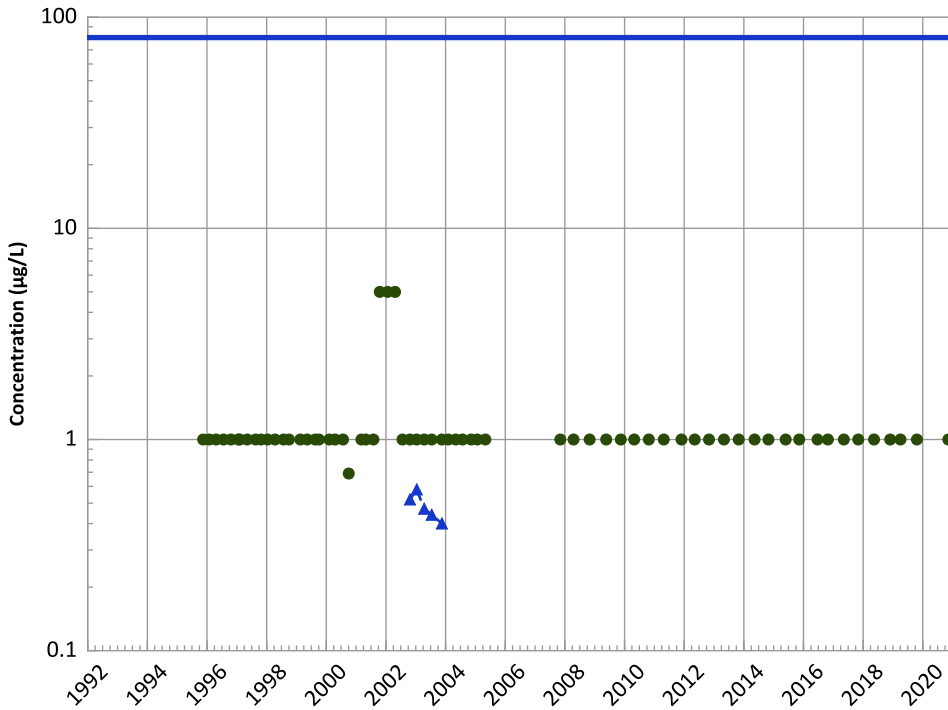
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

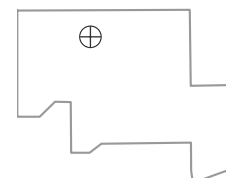
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Well Location

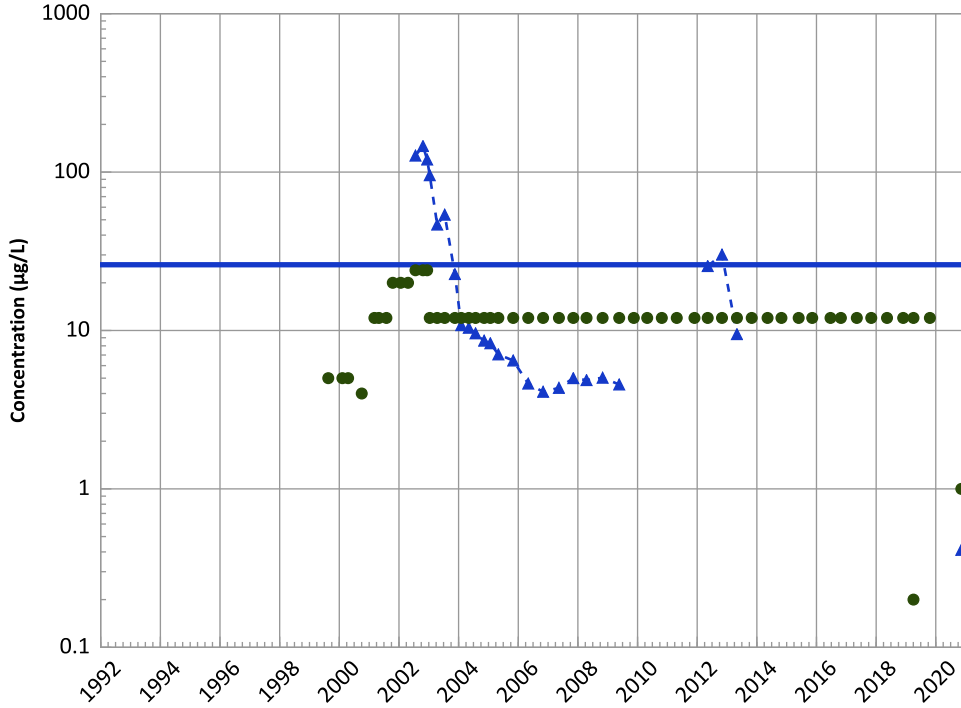


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

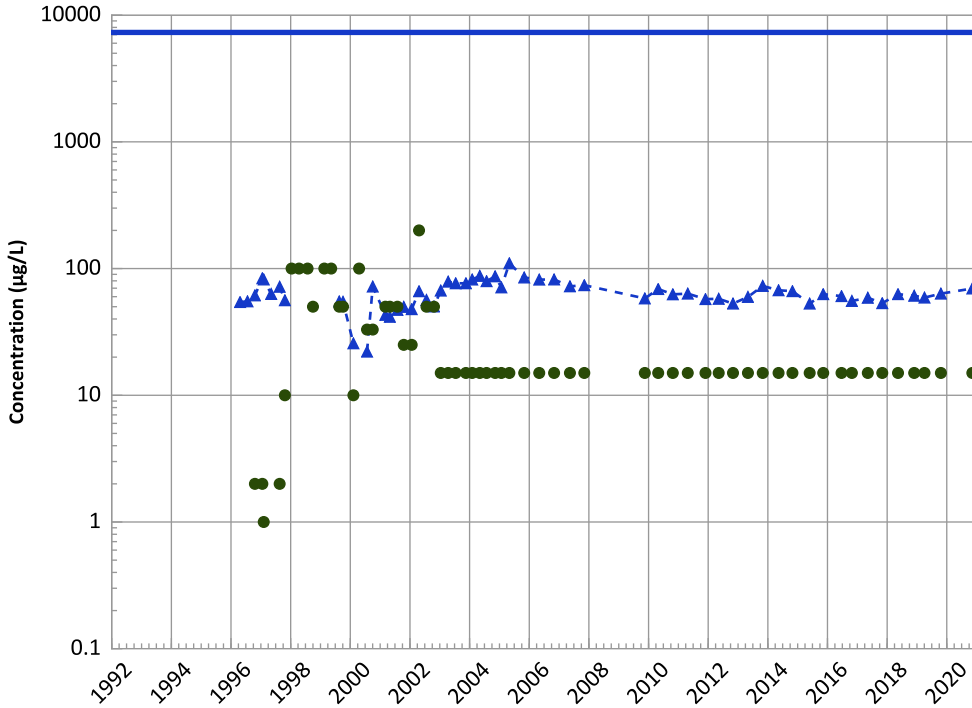


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Boron Trend



Concentration Trend

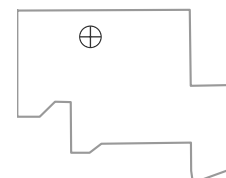
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

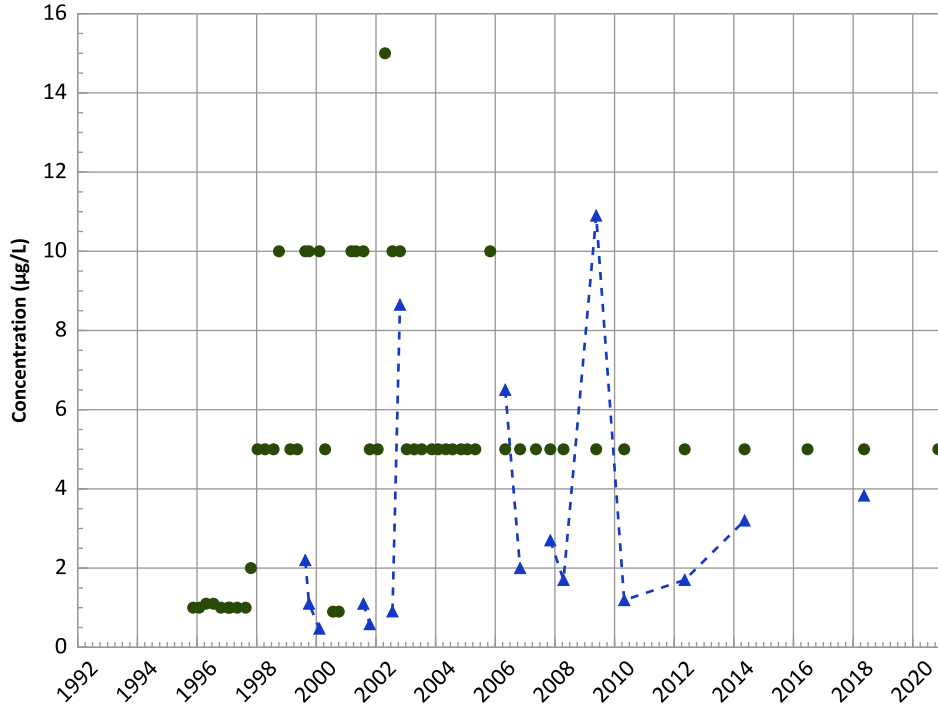
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

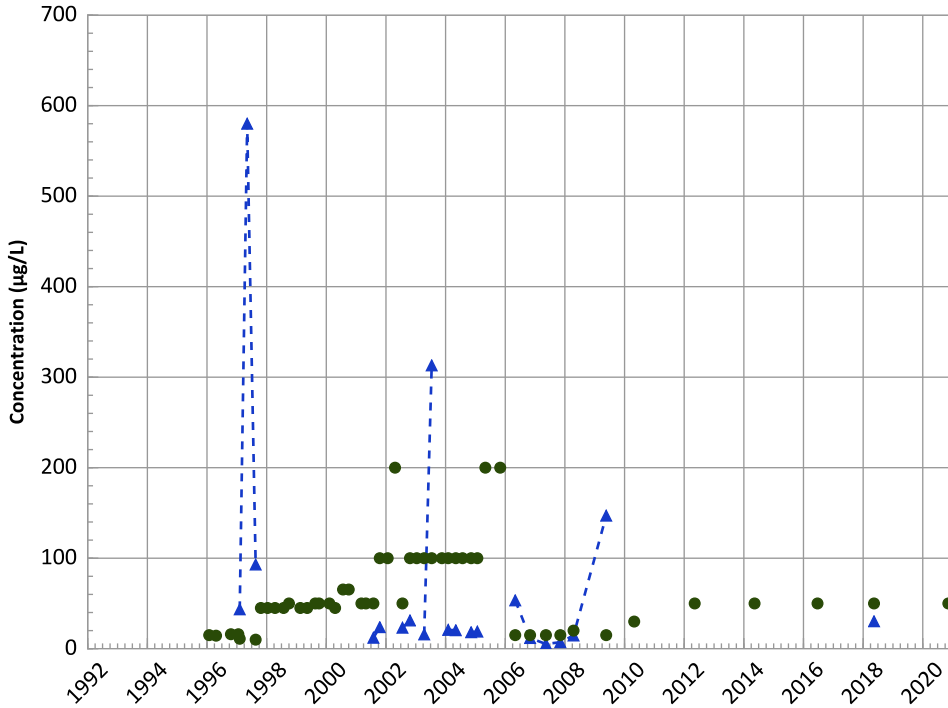


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Probably Increasing

Aluminum Trend



Concentration Trend

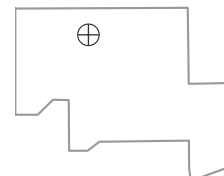
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

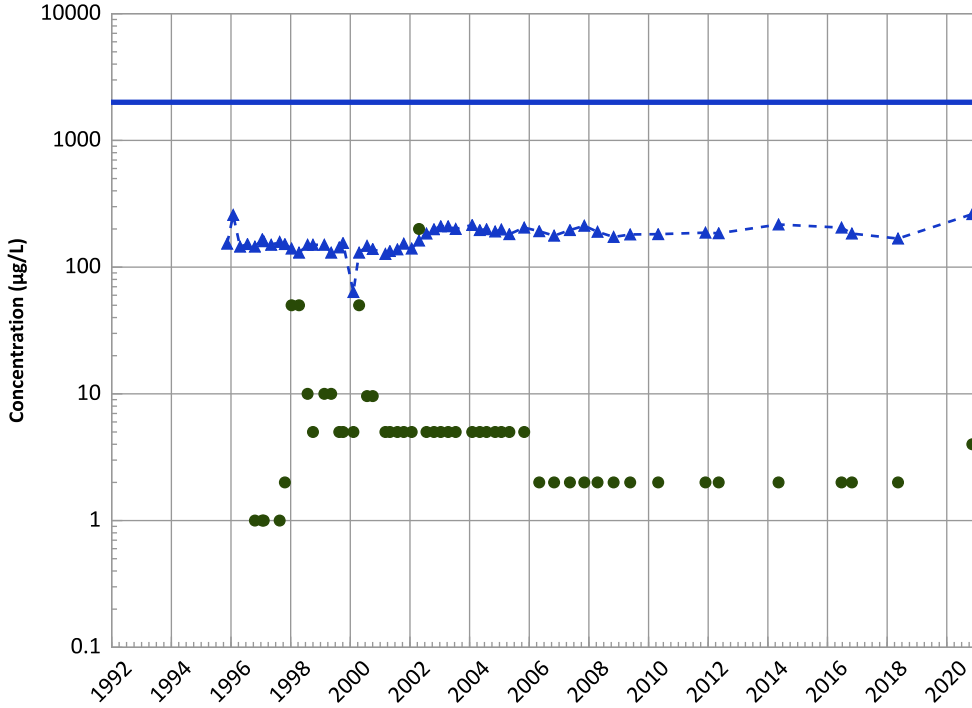
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

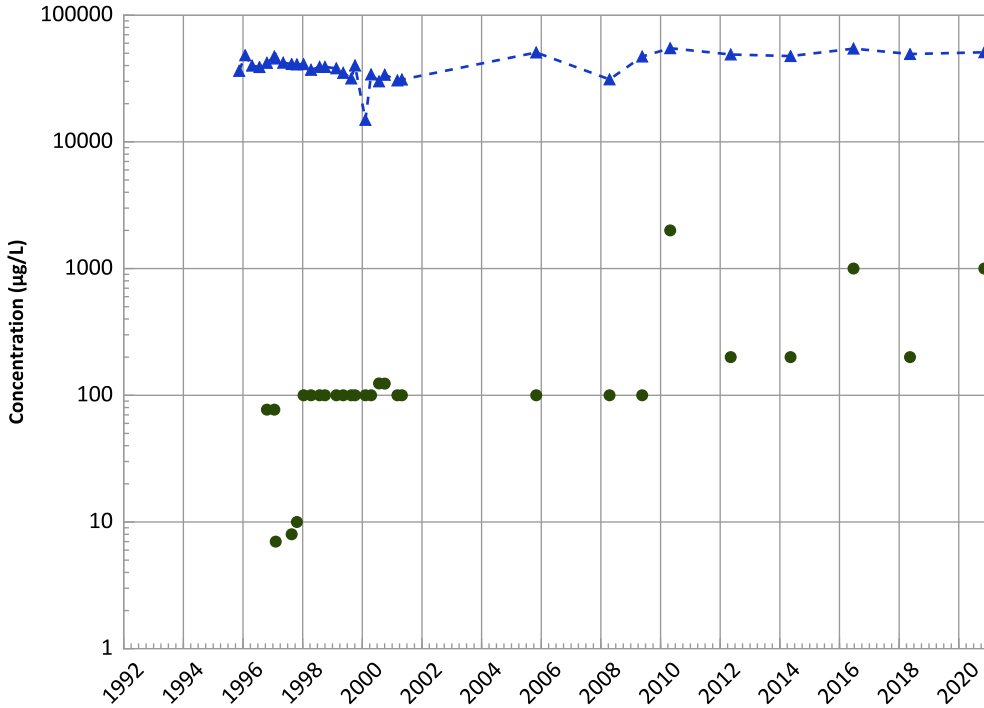


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Calcium Trend



Concentration Trend

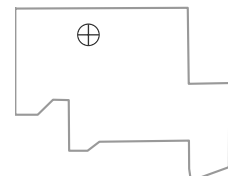
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

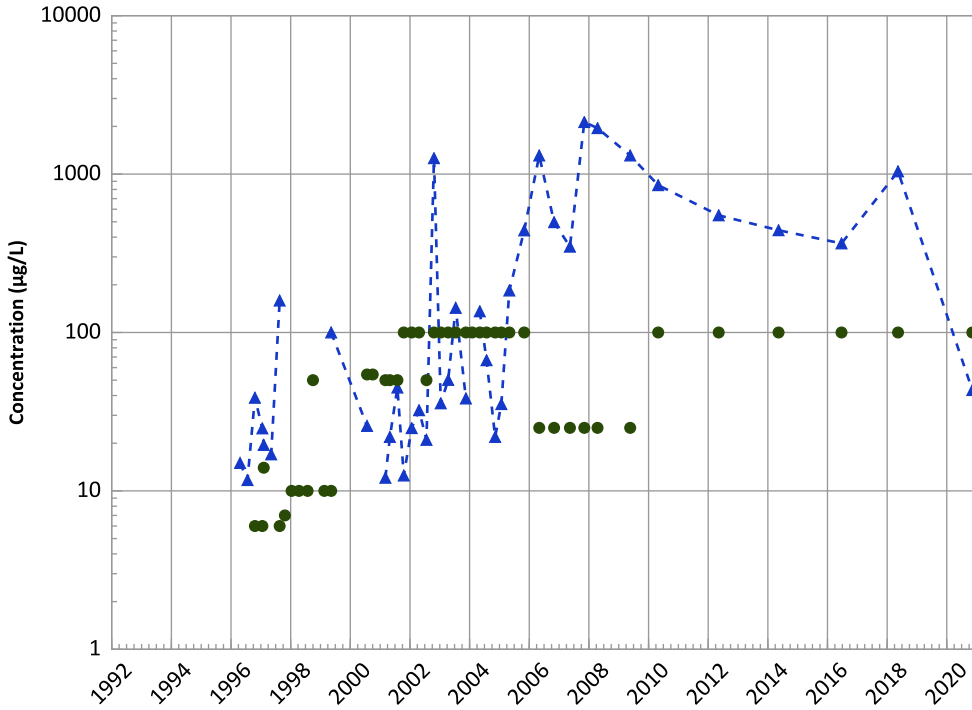
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

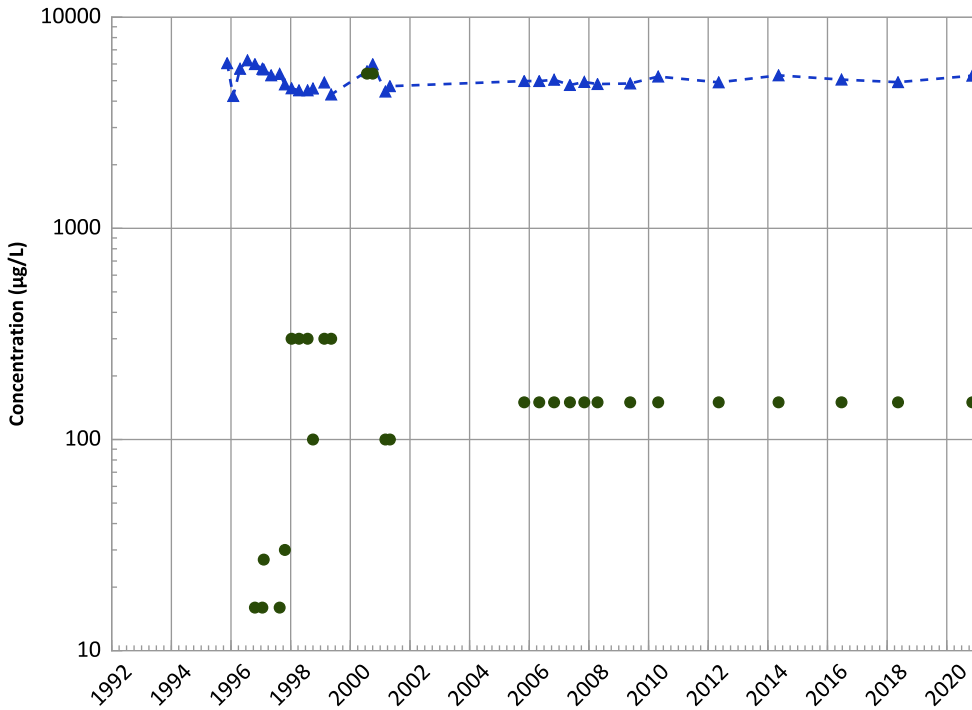
2018 - 2020 Data:

Stable

All Data:

Increasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

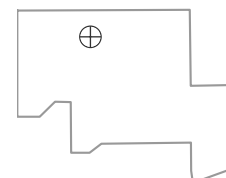
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

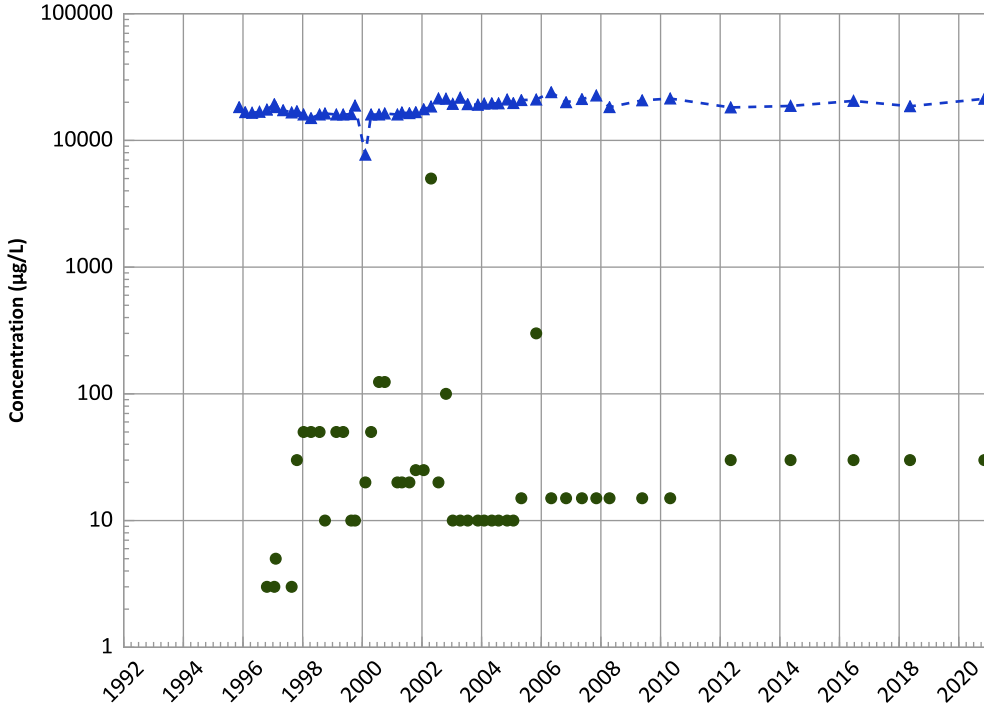
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

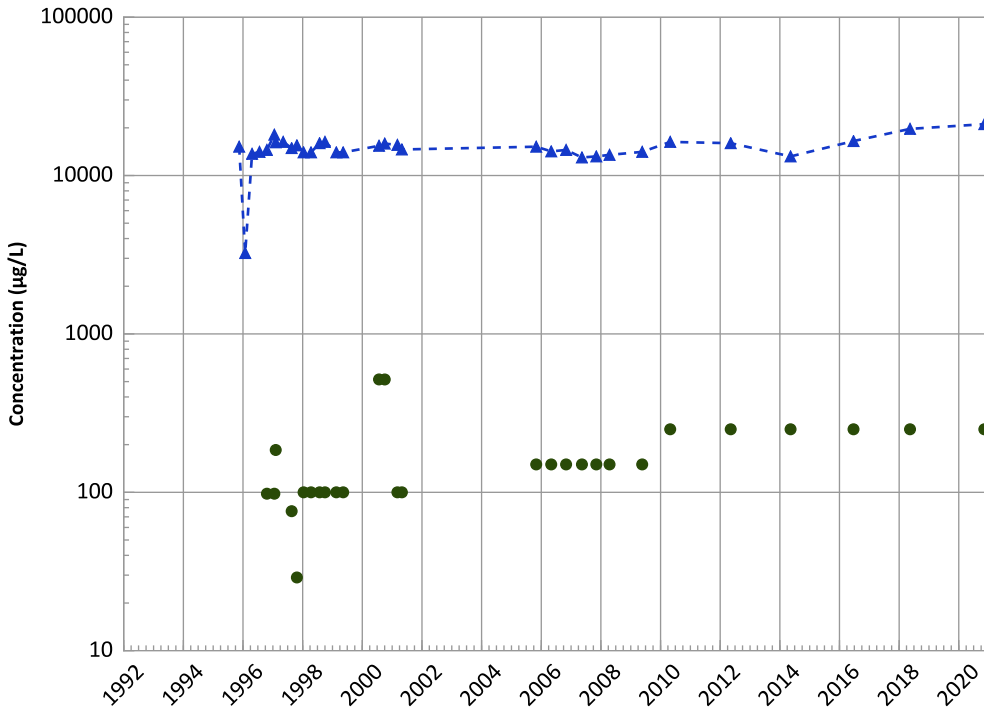
2018 - 2020 Data:

No Trend

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

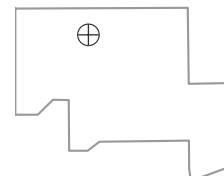
All Data:

Probably Increasing

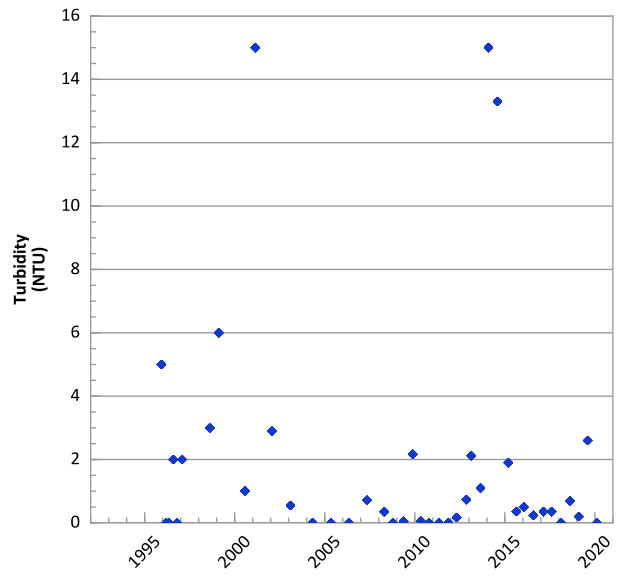
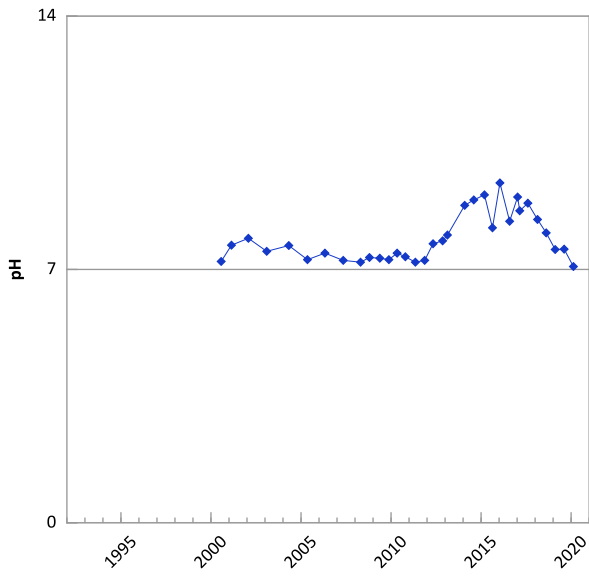
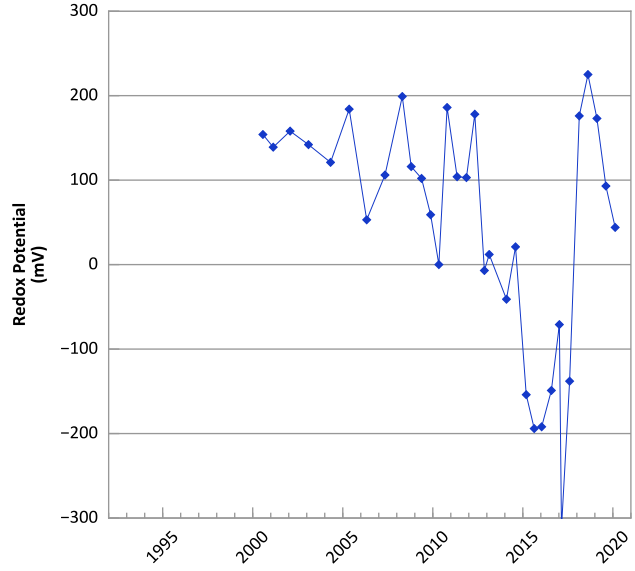
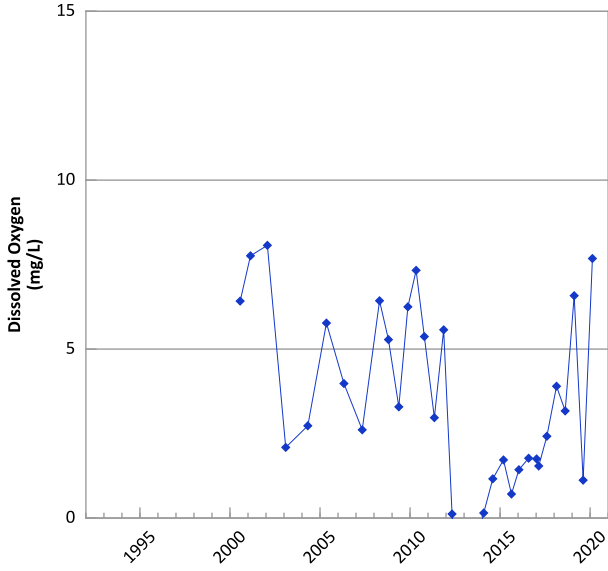
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/15/1995 to 11/09/2020
Analysis Date: 06/03/2021

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

Well Location

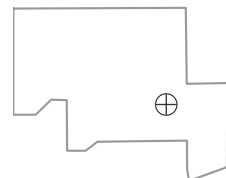


**PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



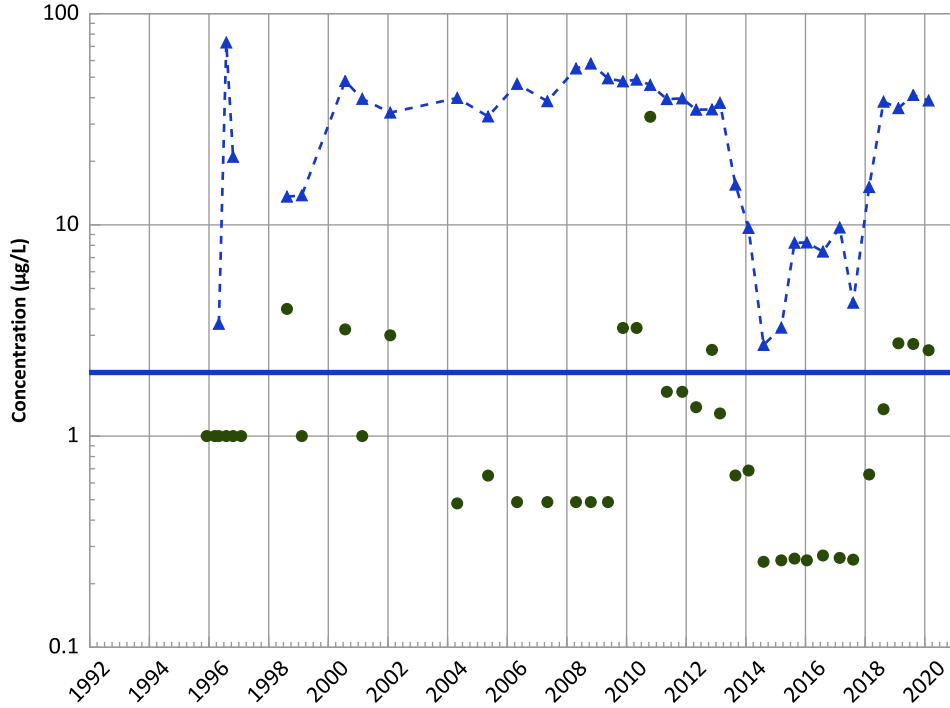
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/04/1995 to 02/17/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

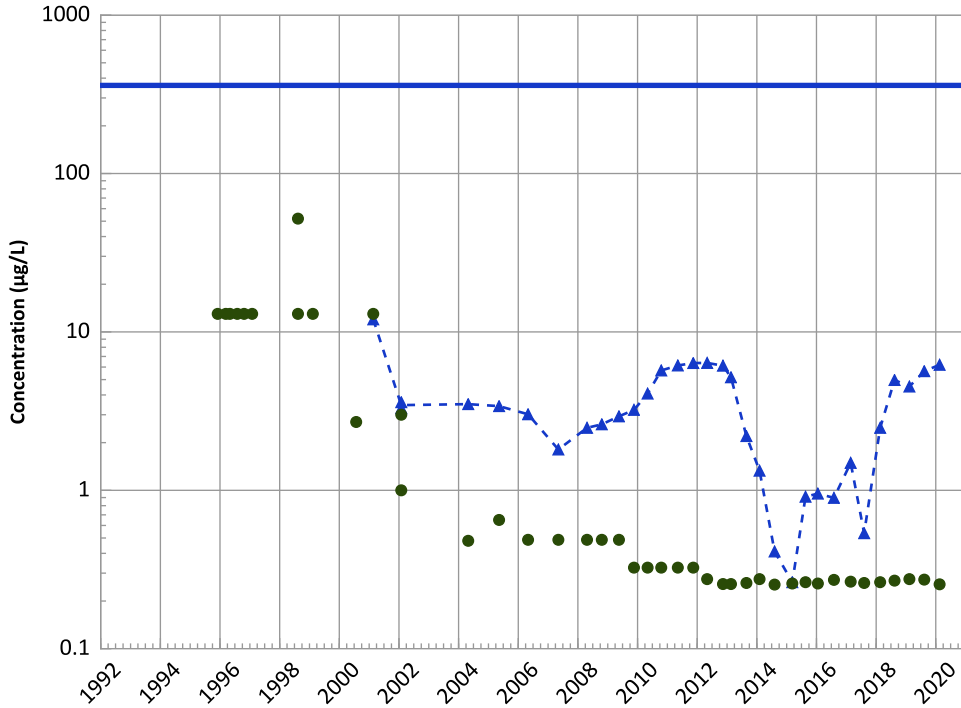
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

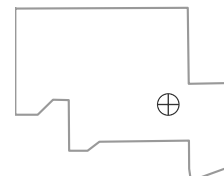
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

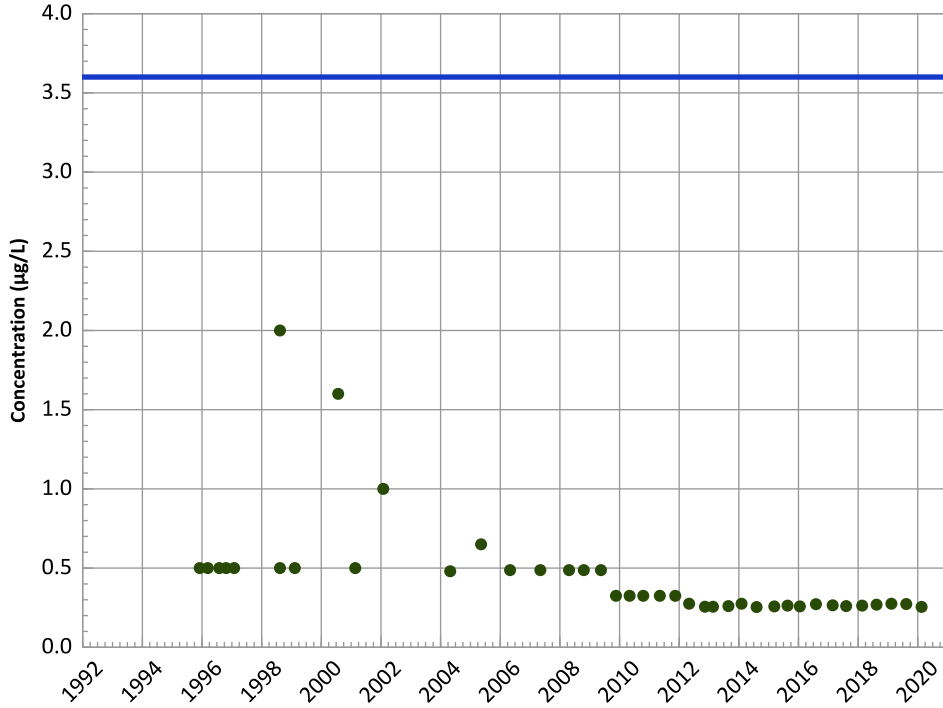
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

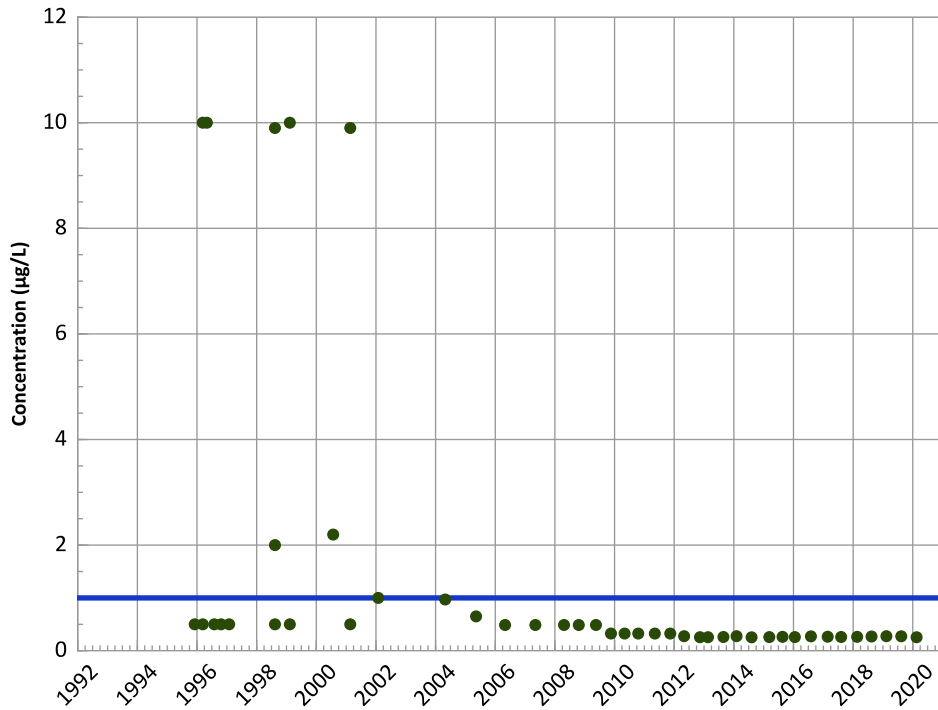
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

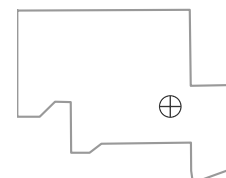
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

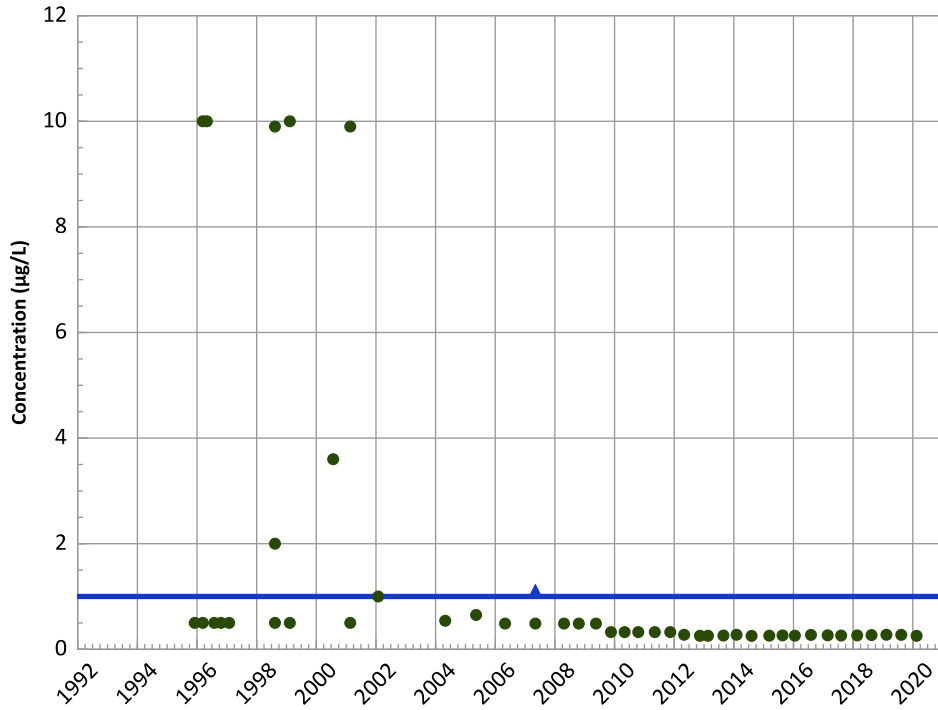
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

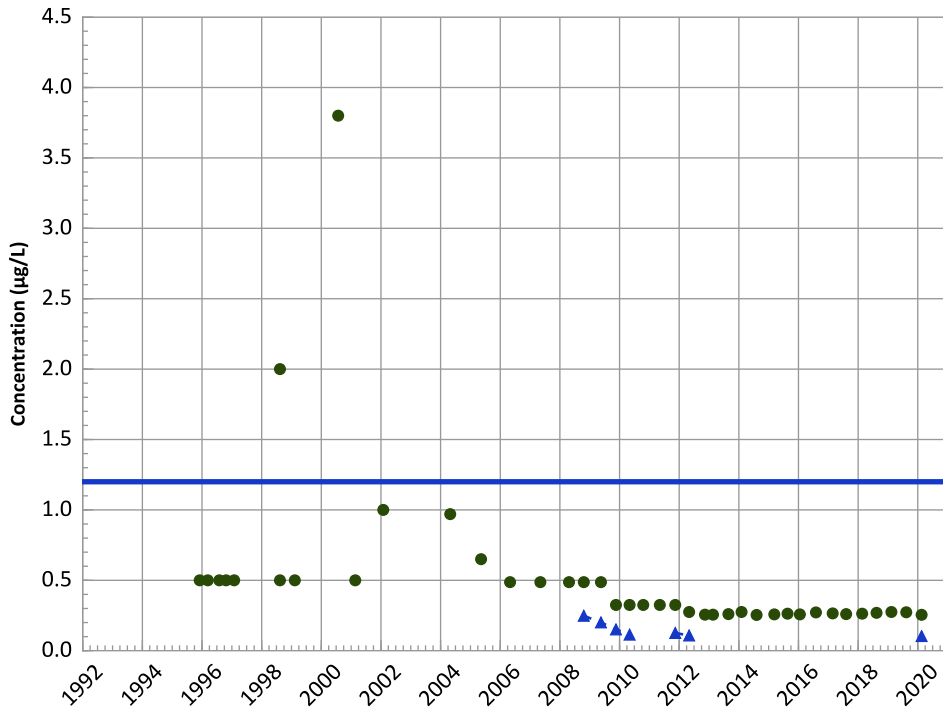
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

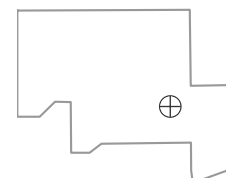
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

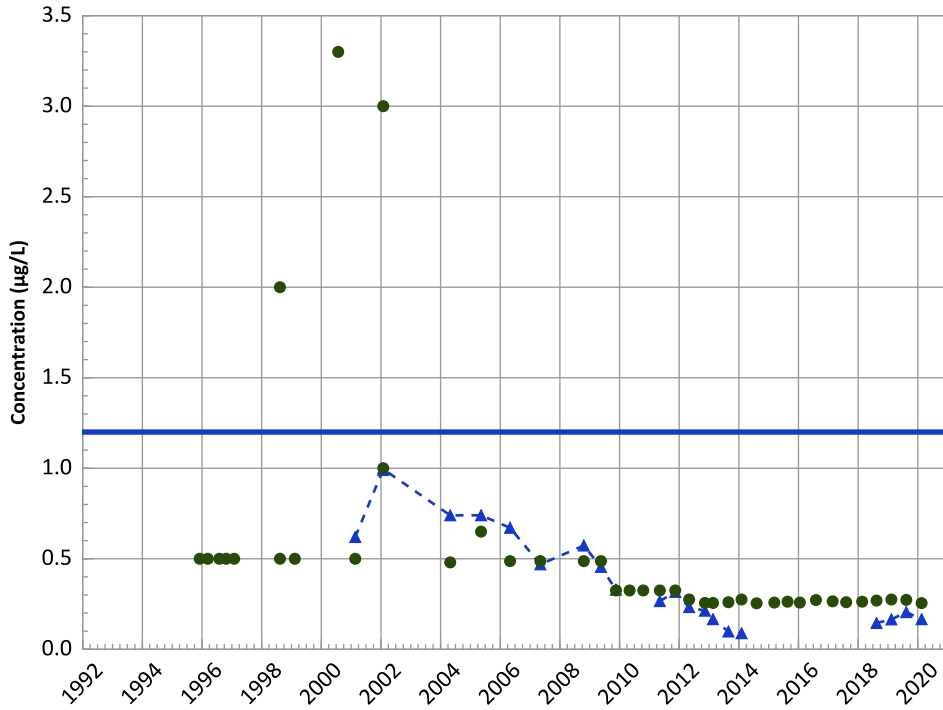
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

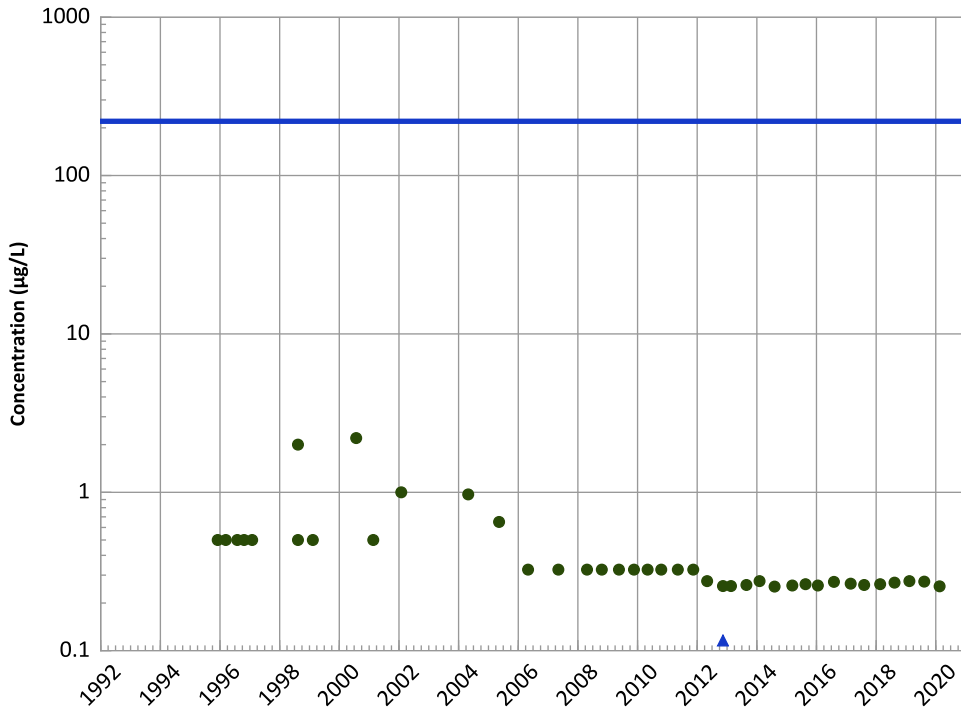
2018 - 2020 Data:

No Trend

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

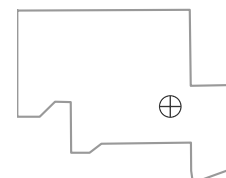
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

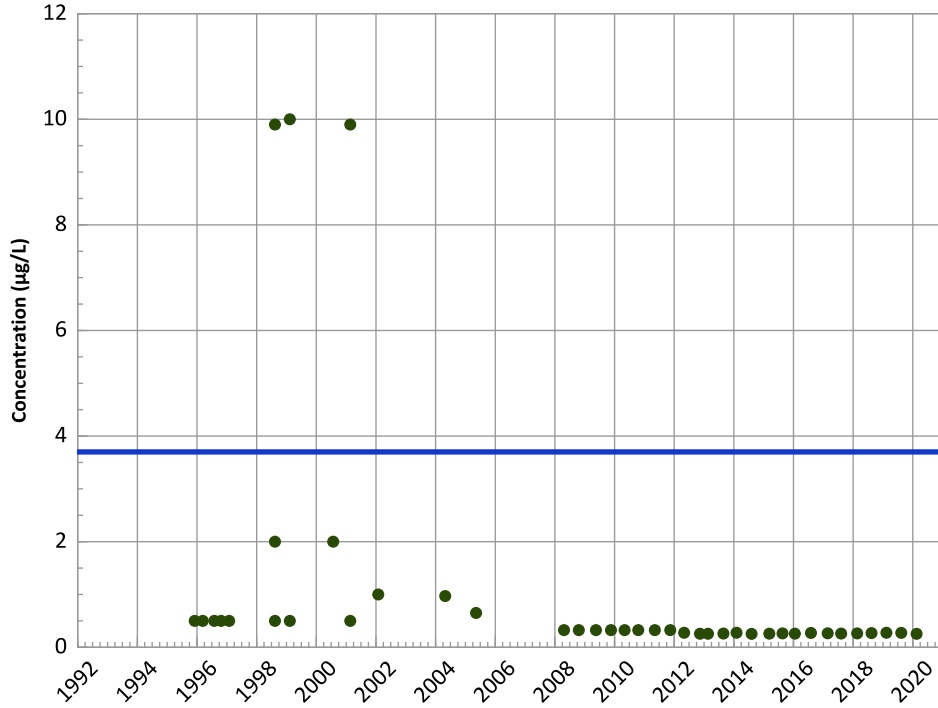
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

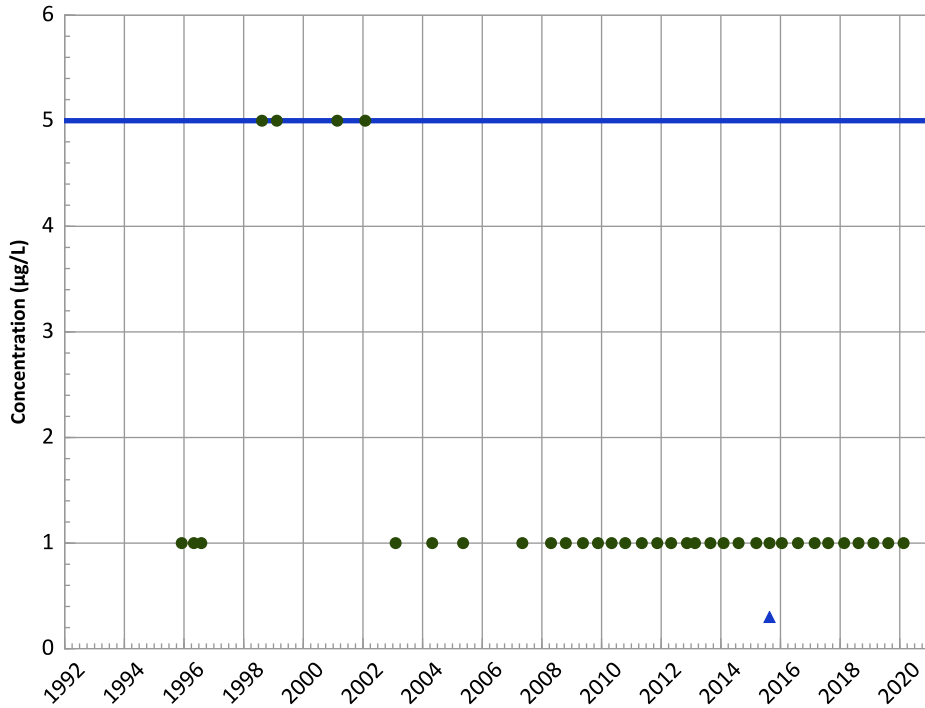
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

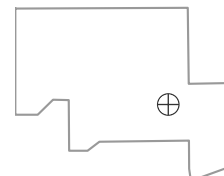
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

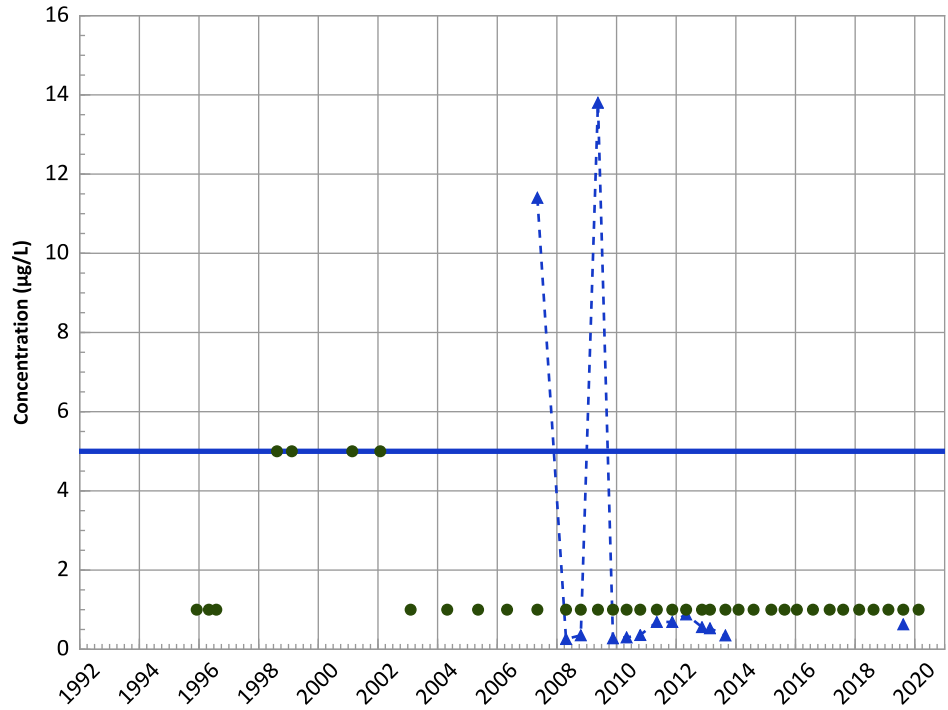
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

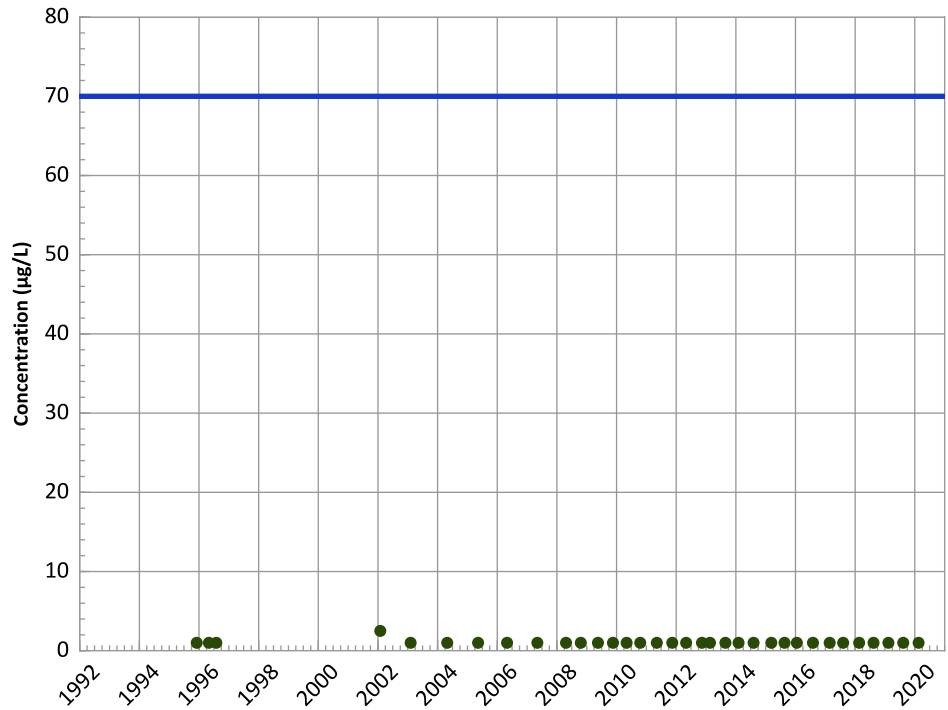


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

cis-1,2-Dichloroethene Trend

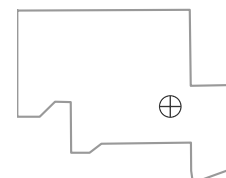


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

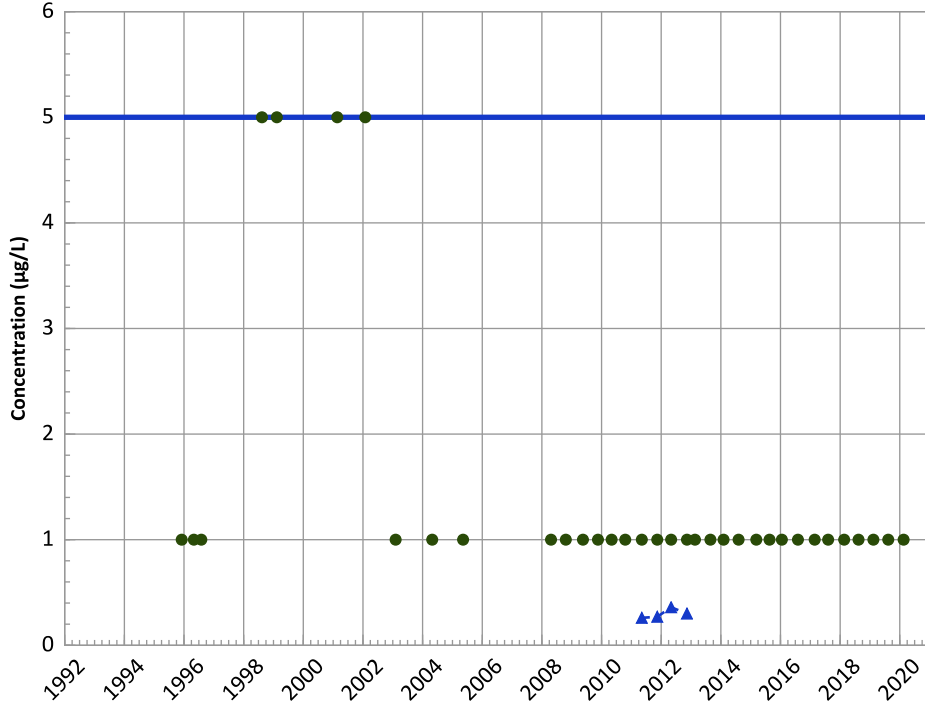


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

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

PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

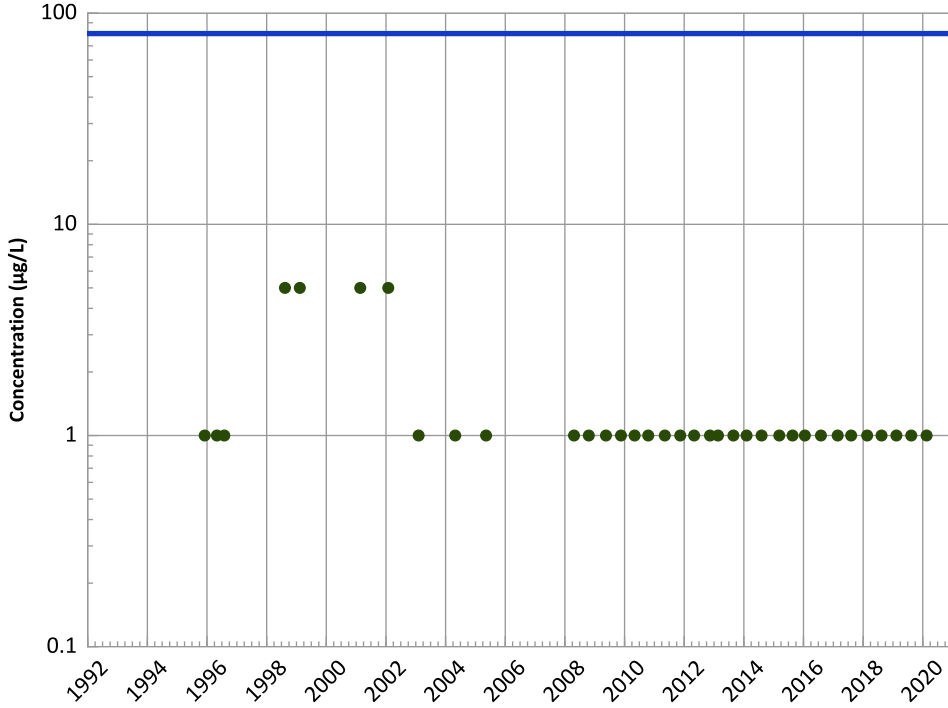
2018 - 2020 Data:

No Trend

All Data:

No Trend

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

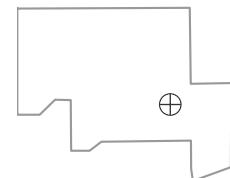
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

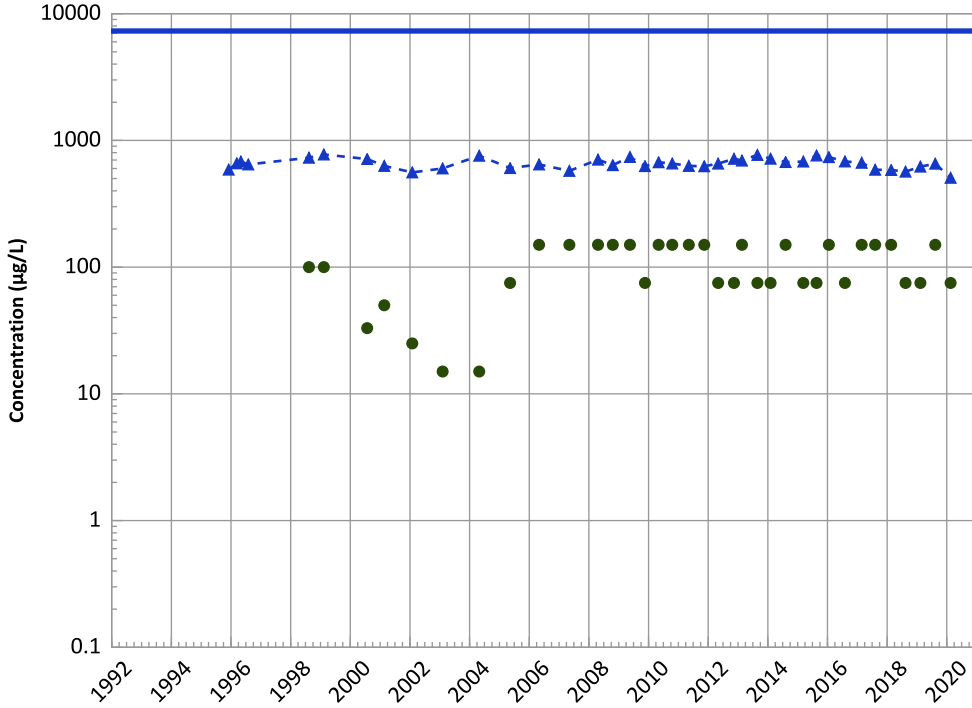


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

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

PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

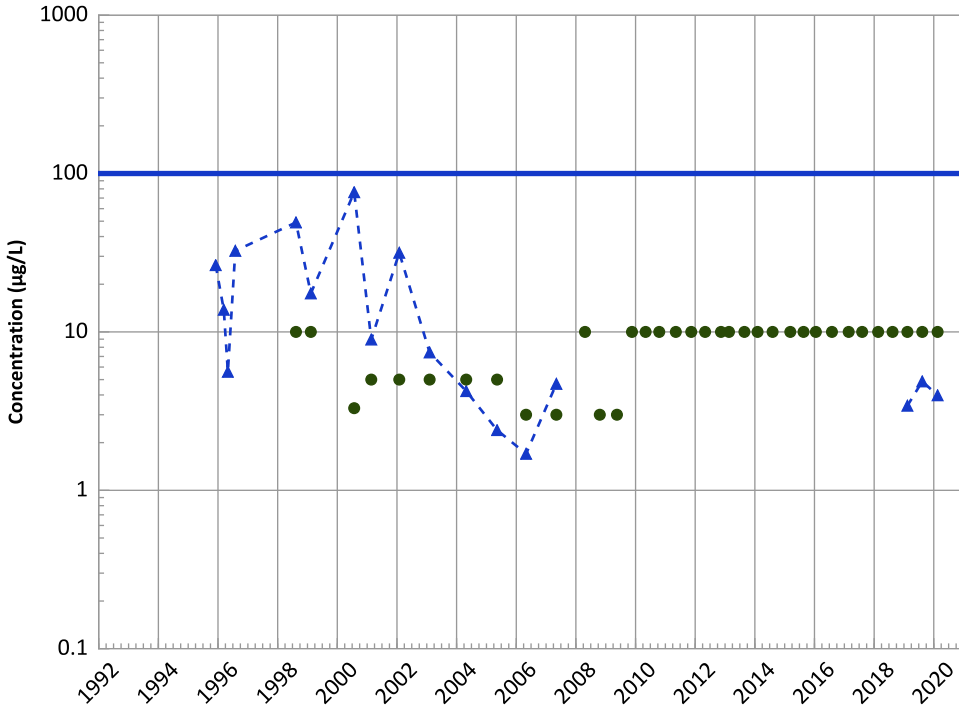
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

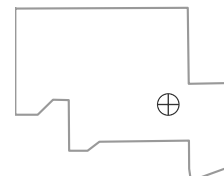
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

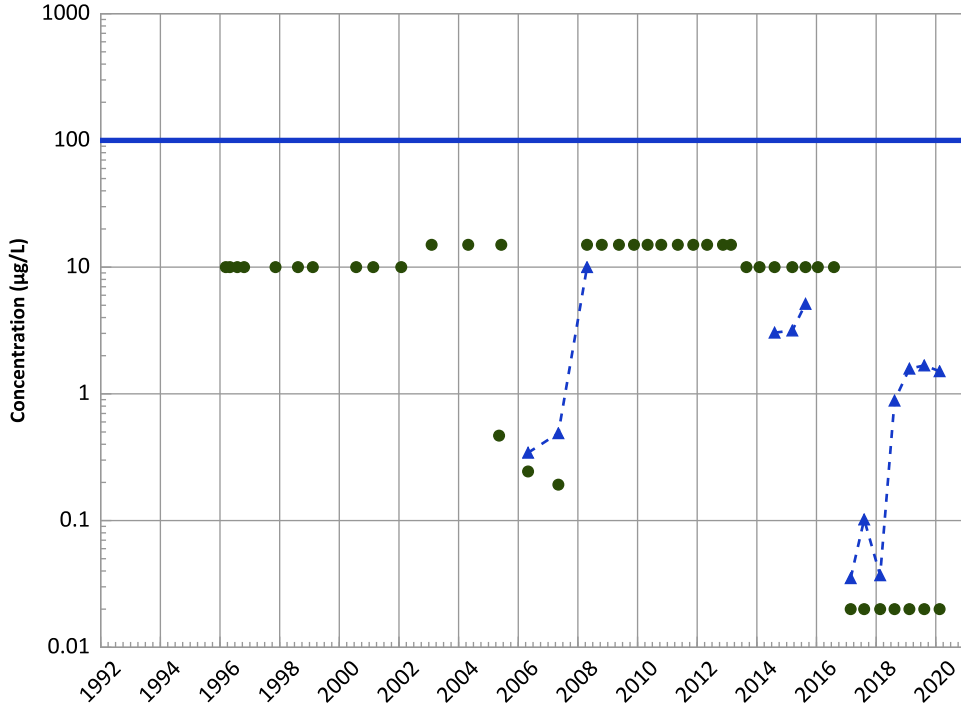
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

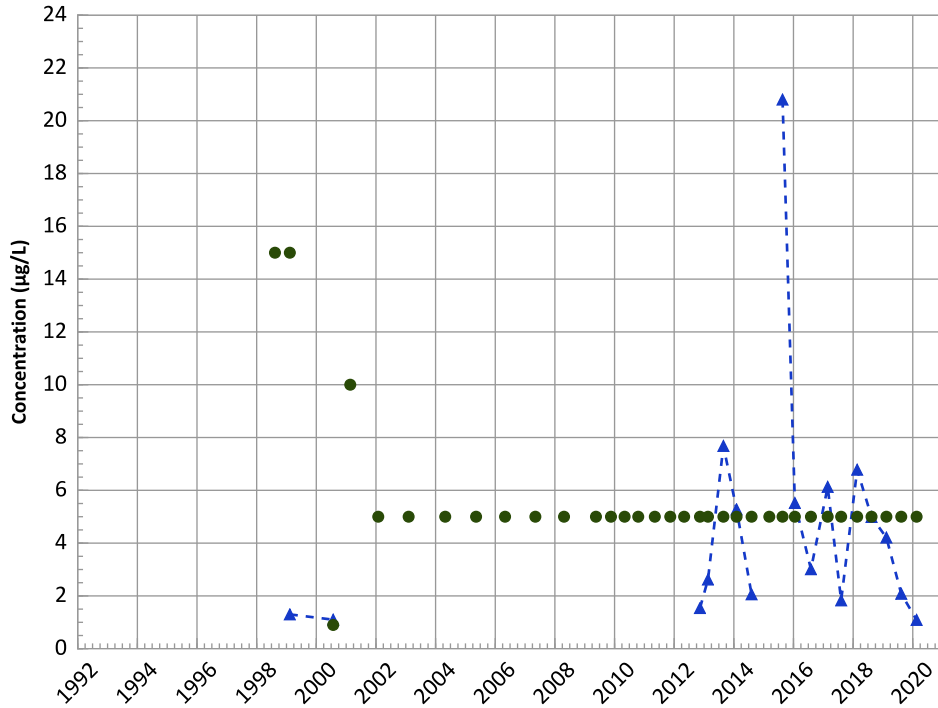
2018 - 2020 Data:

Increasing

All Data:

Probably Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

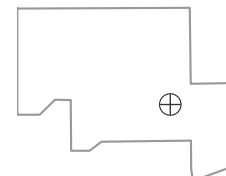
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Well Location

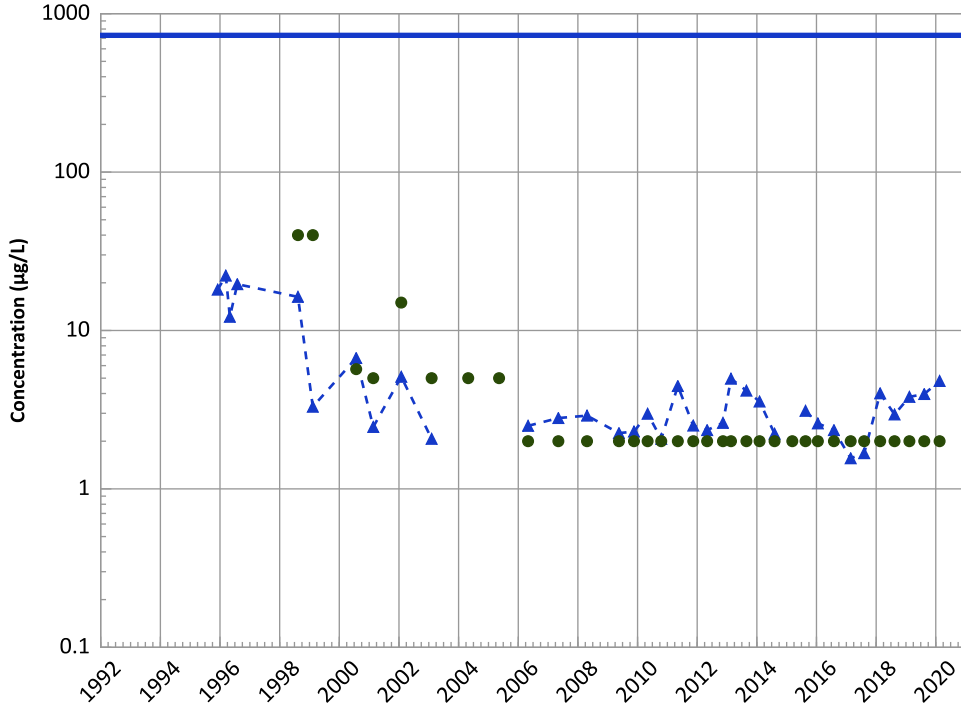


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

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

PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

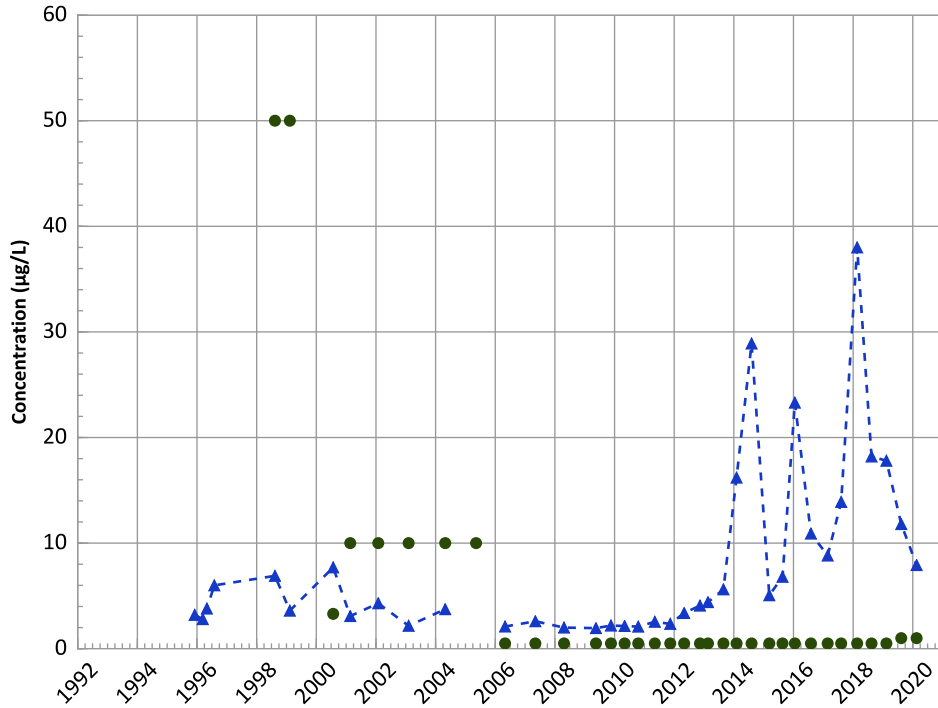
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

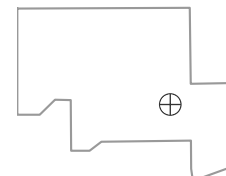
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

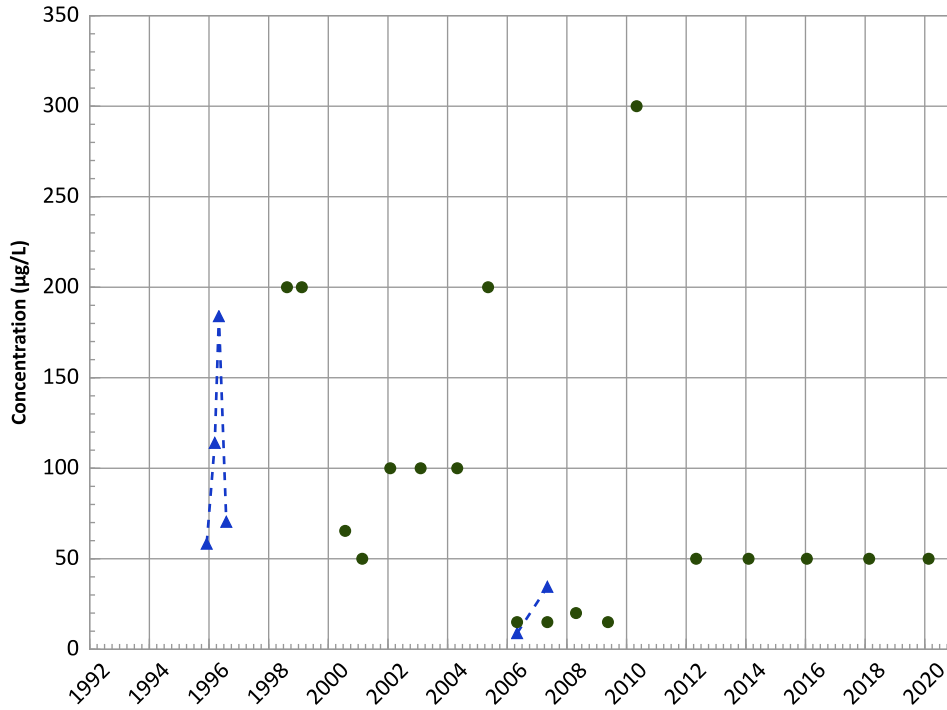
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

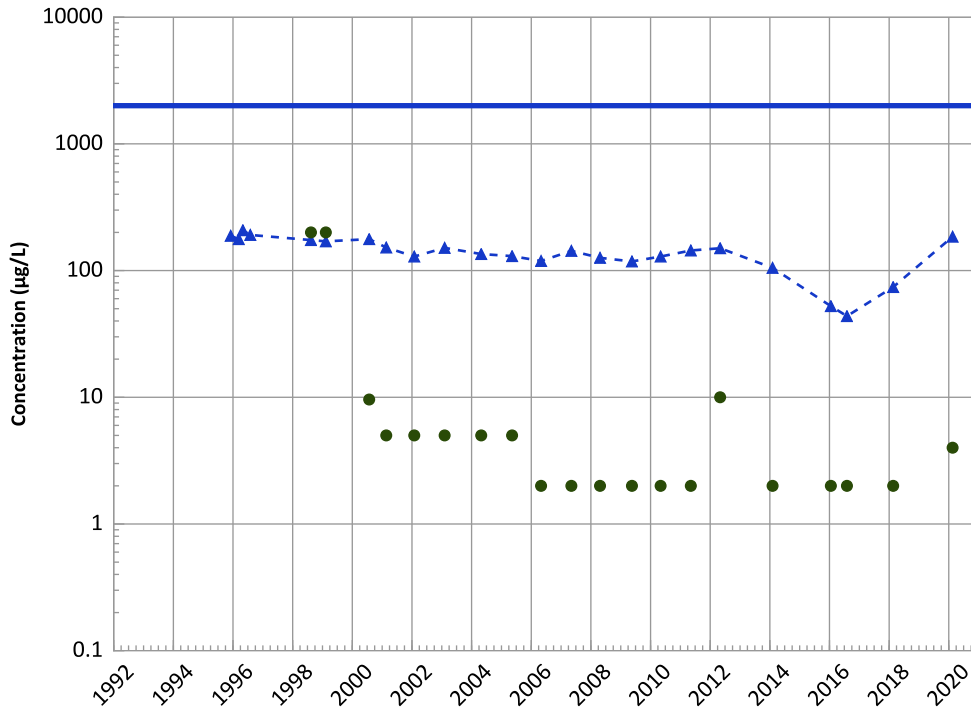
2018 - 2020 Data:

Stable

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

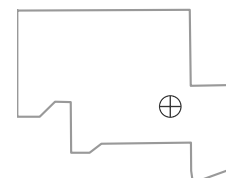
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 12/04/1995 to 02/17/2020

Analysis Date: 06/03/2021

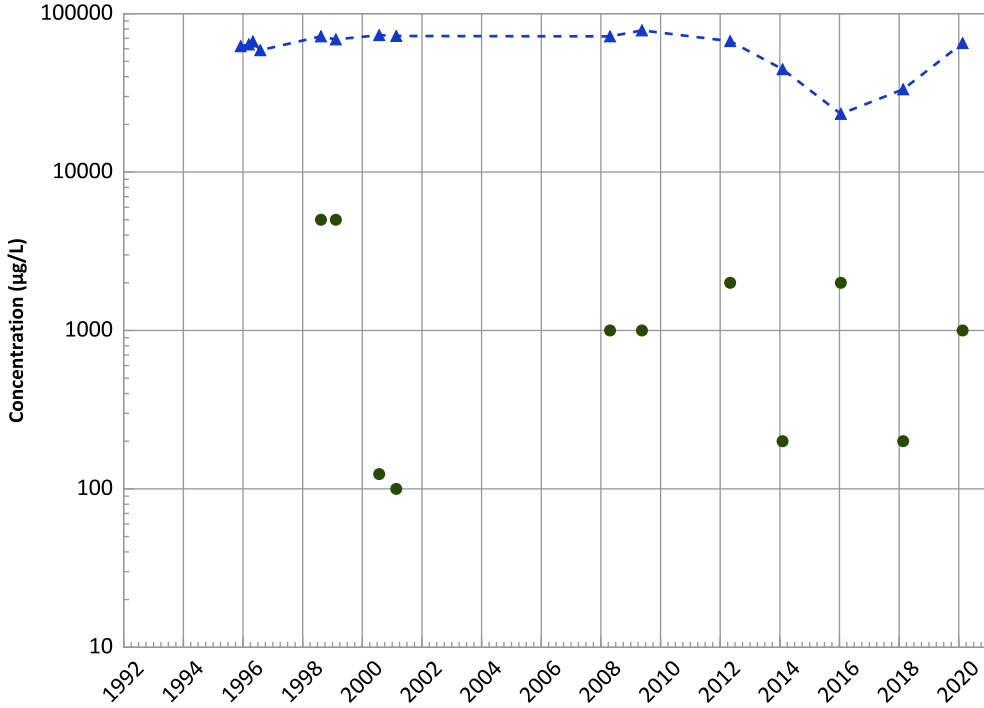
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

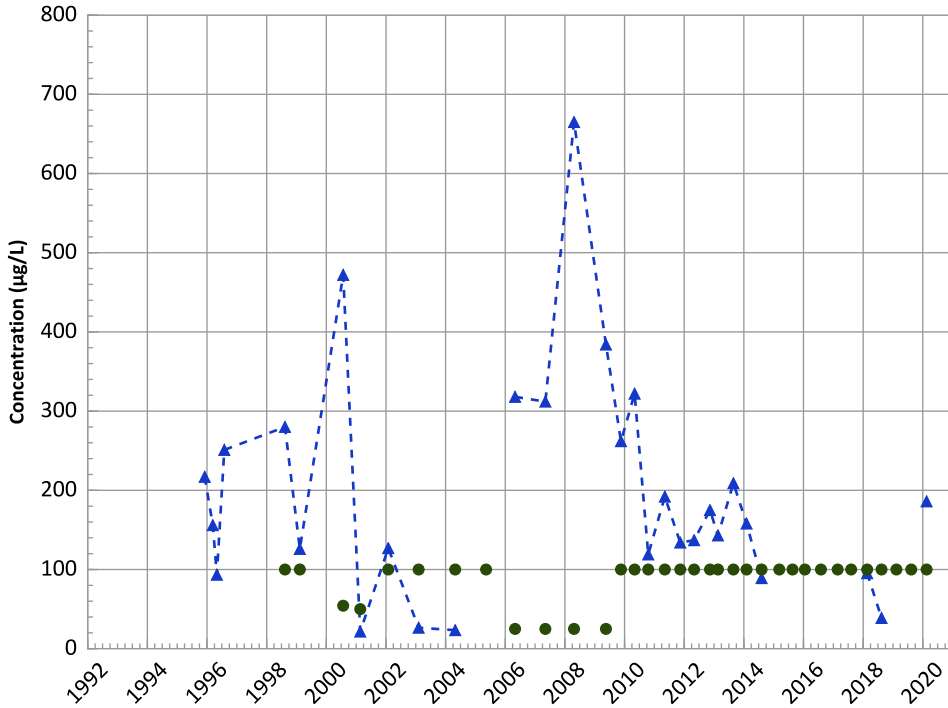
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

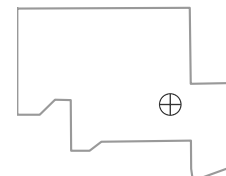
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

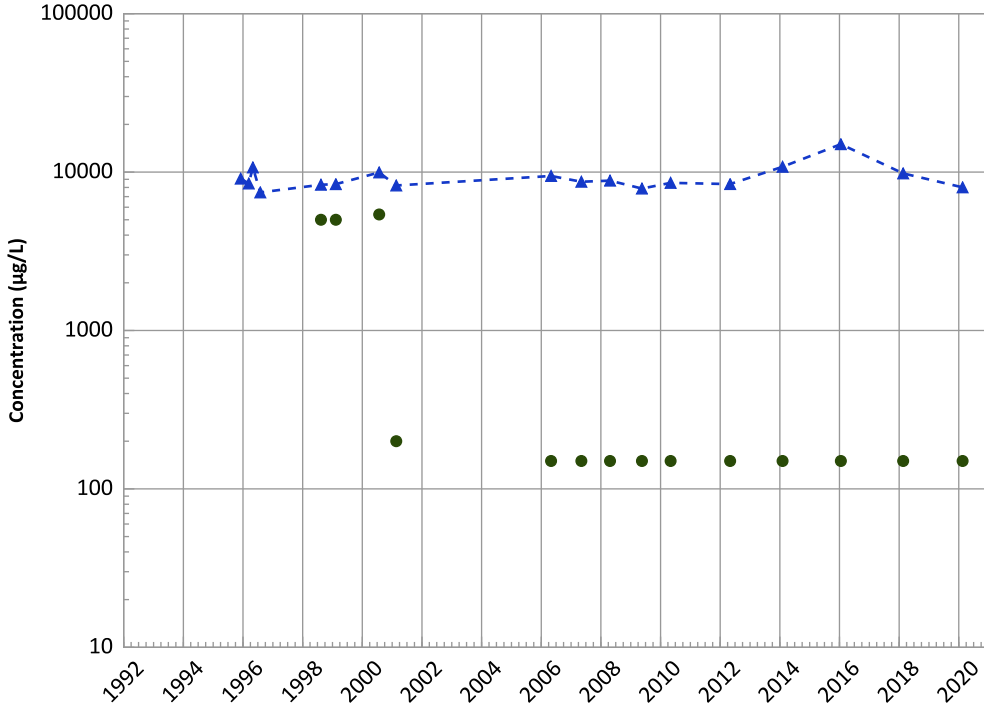
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

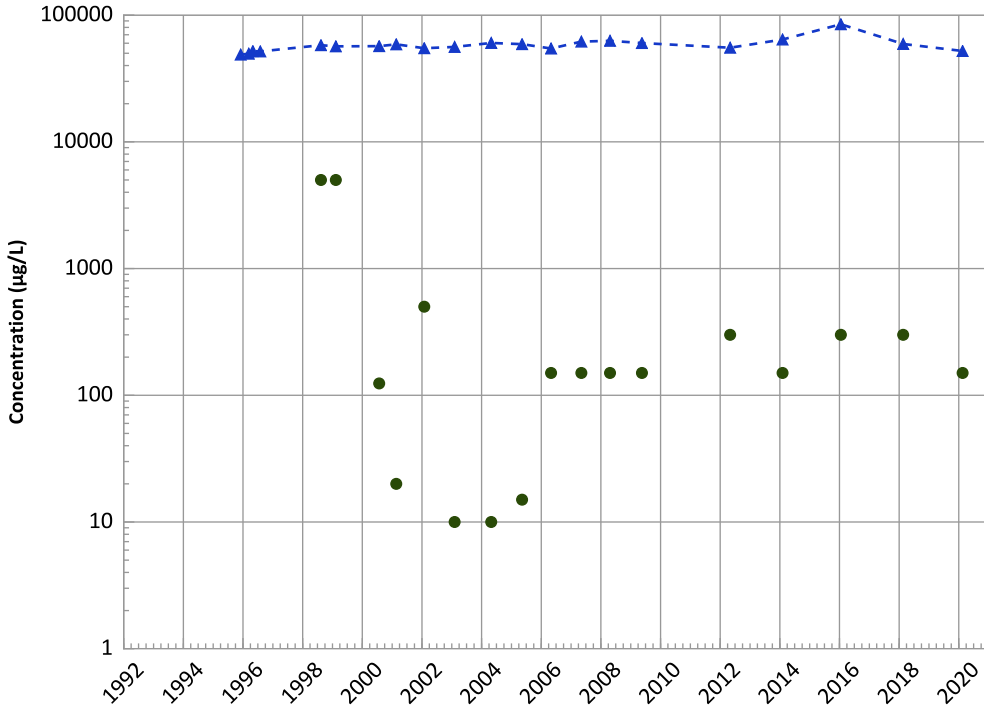
2018 - 2020 Data:

Stable

All Data:

No Trend

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

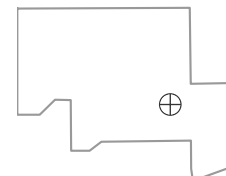
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

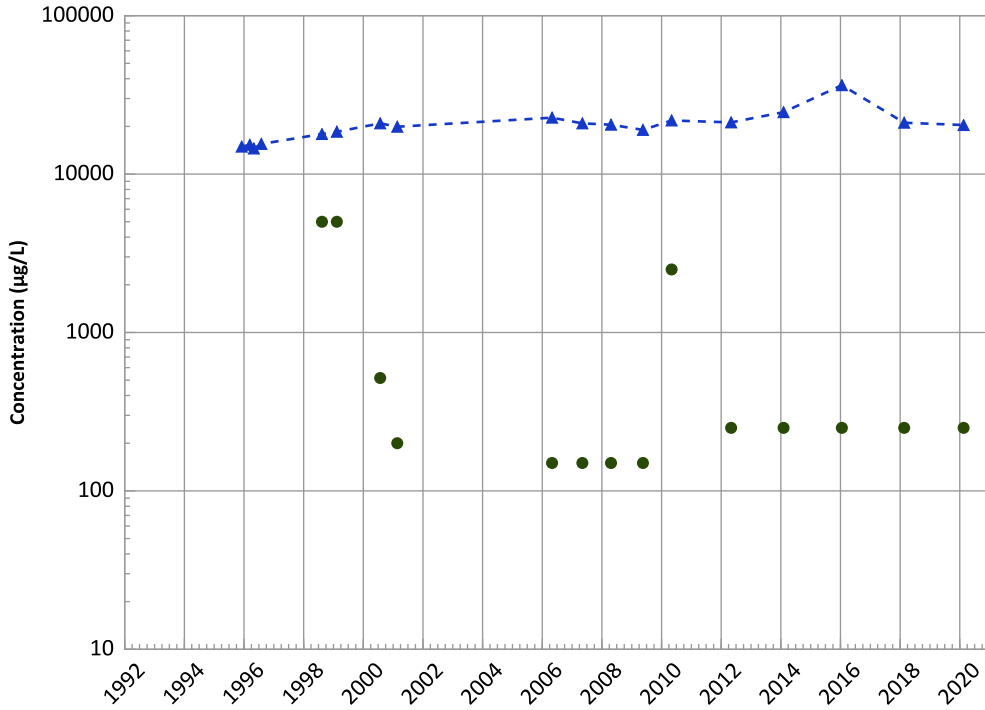
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

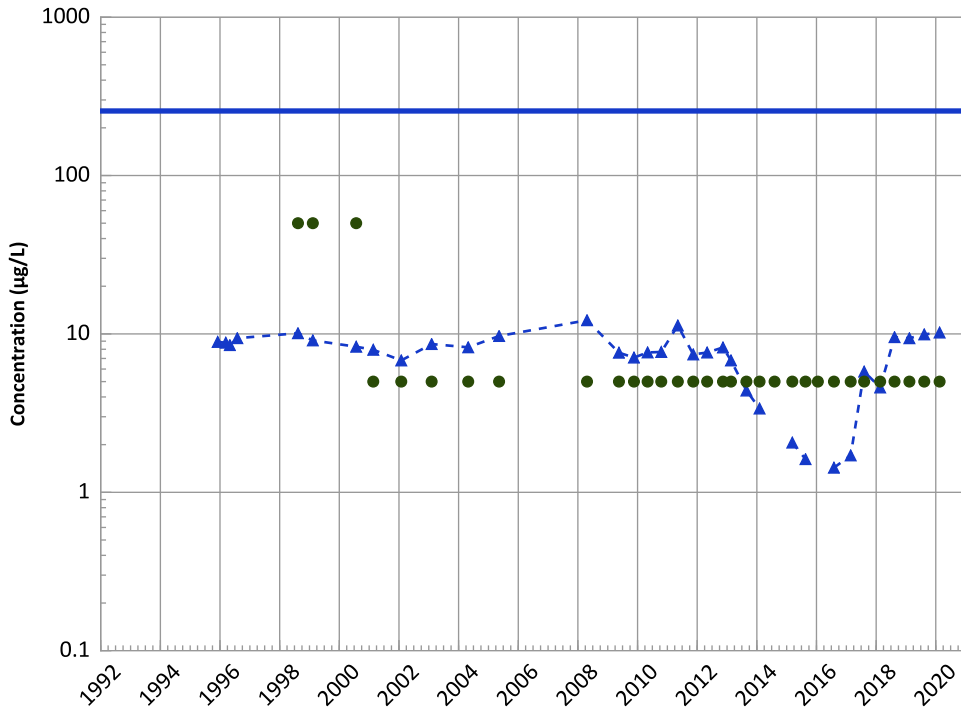
2018 - 2020 Data:

Stable

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

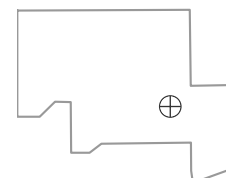
All Data:

Decreasing

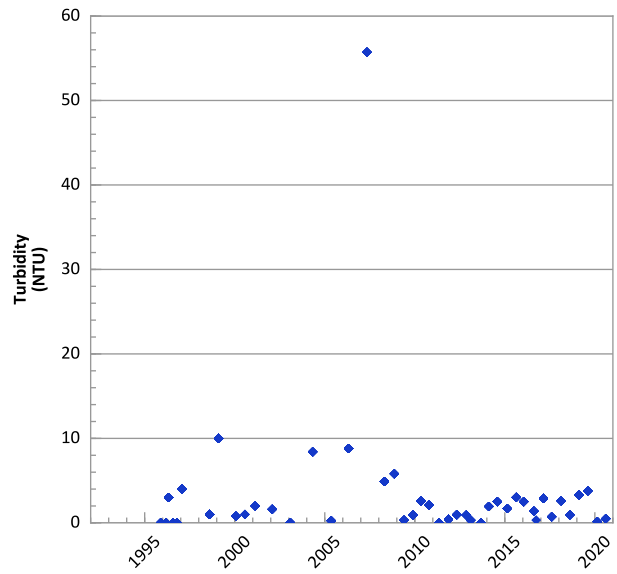
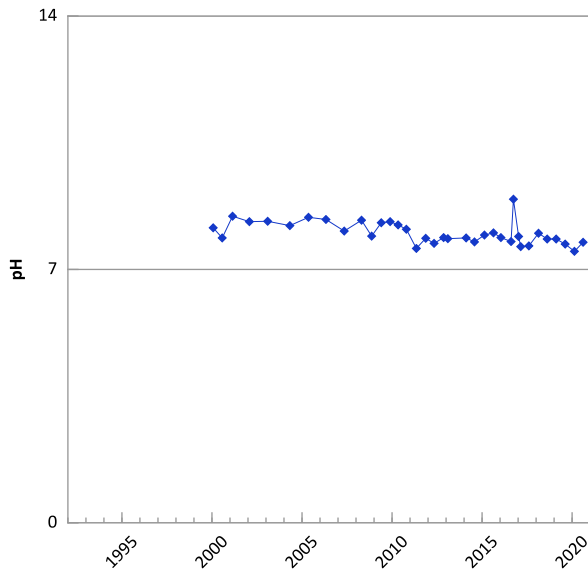
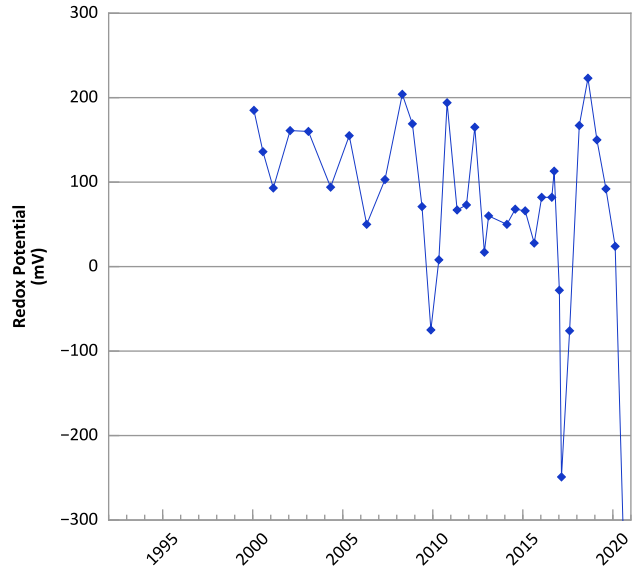
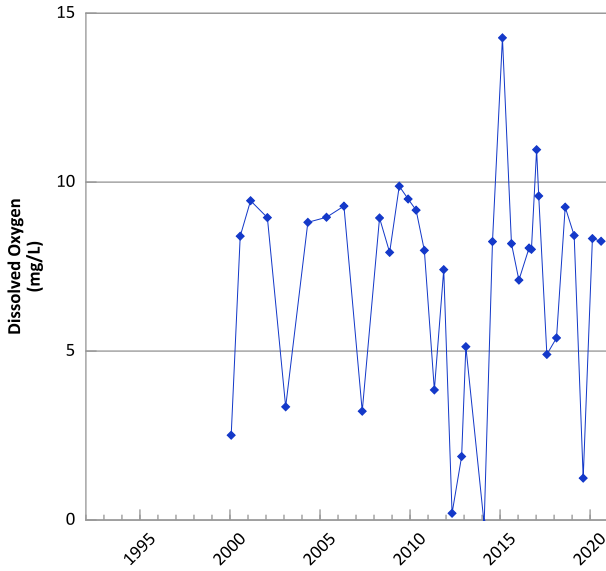
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/04/1995 to 02/17/2020
Analysis Date: 06/03/2021

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

Well Location

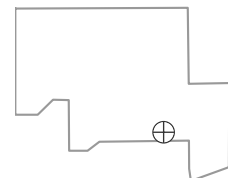


**PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



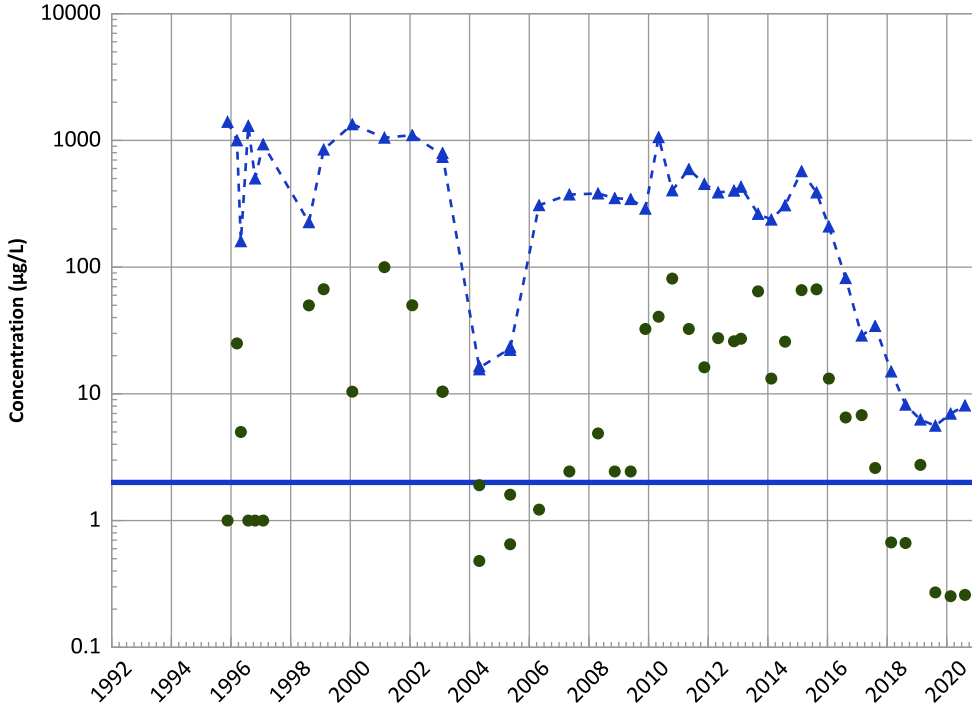
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/20/1995 to 08/11/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

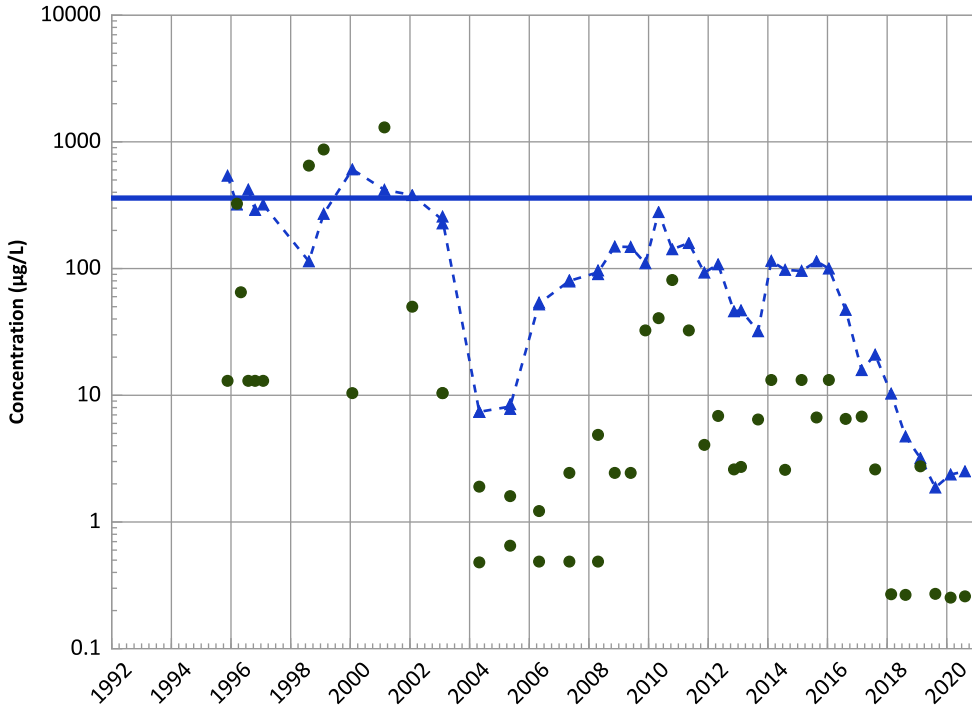
2018 - 2020 Data:

No Trend

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

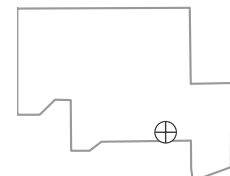
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

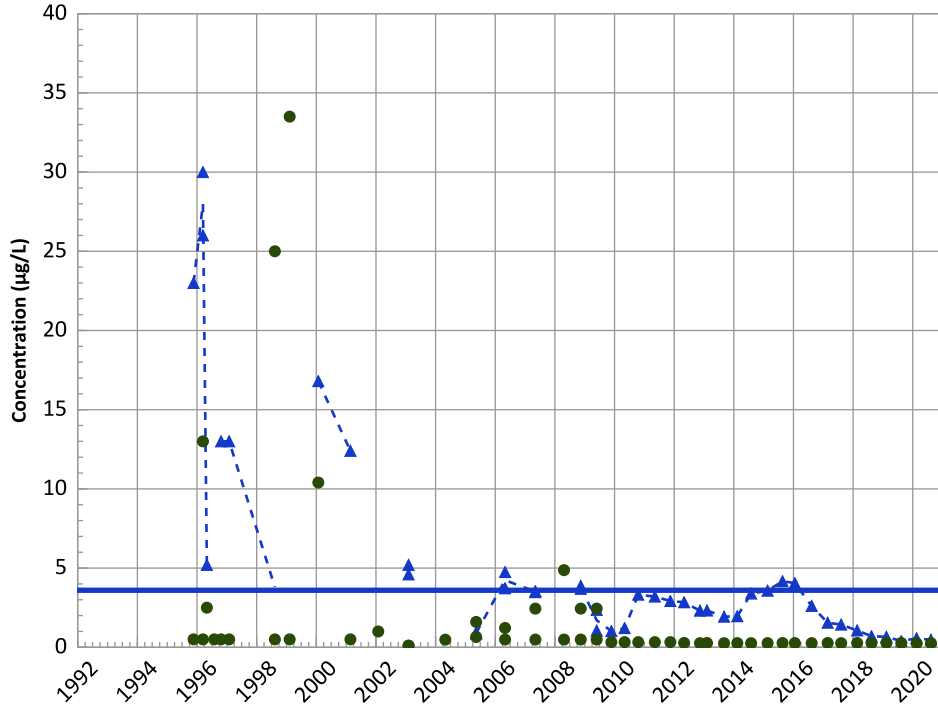
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

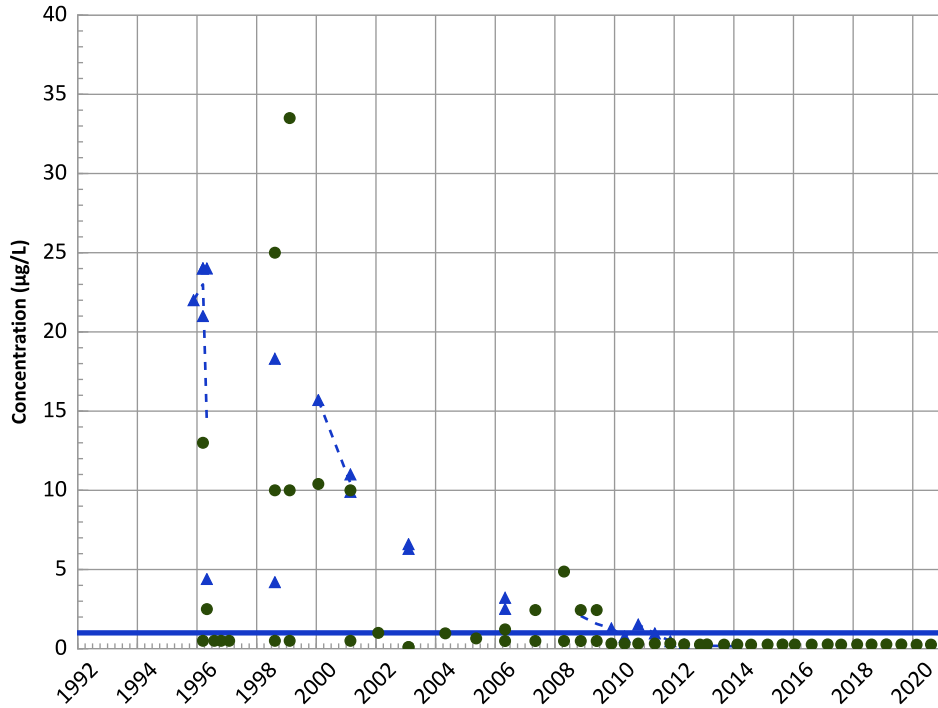
2018 - 2020 Data:

Stable

All Data:

Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

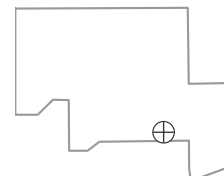
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

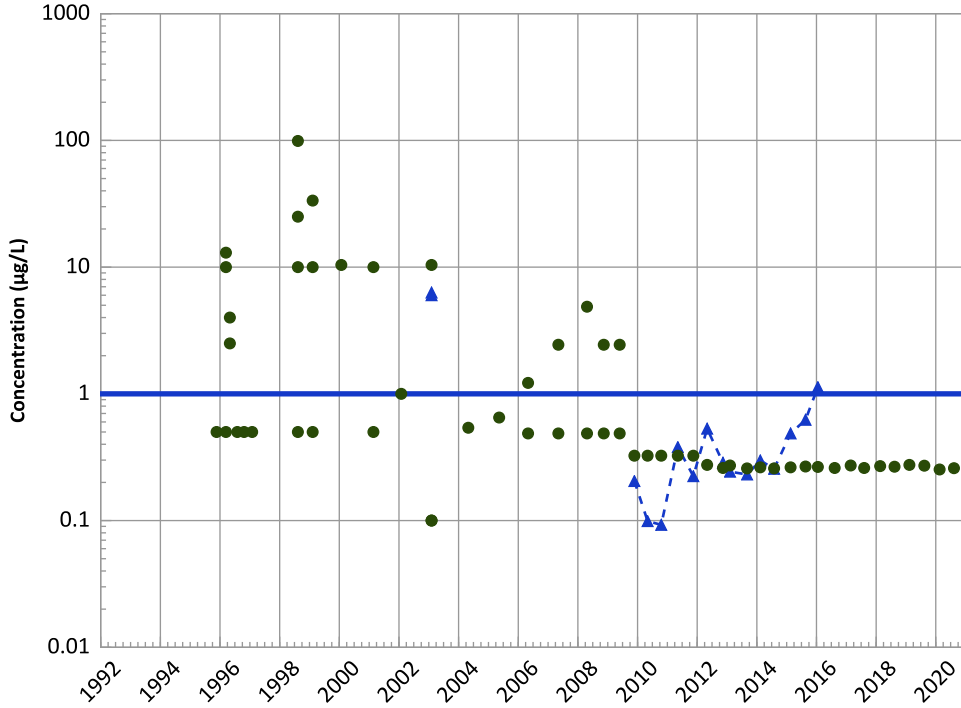
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

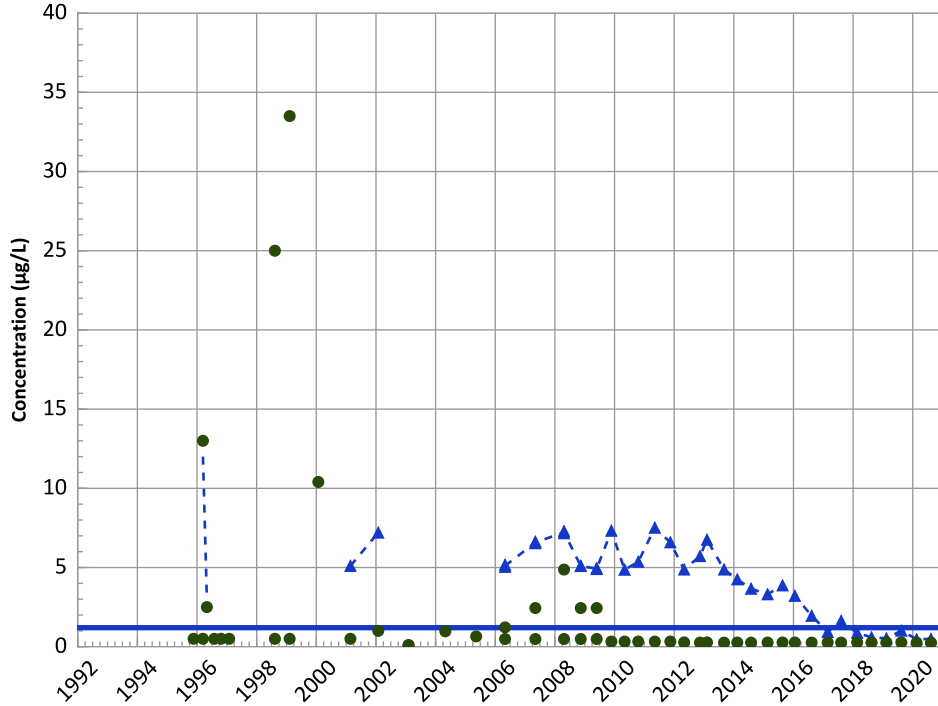
2018 - 2020 Data:

Probably Increasing

All Data:

No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

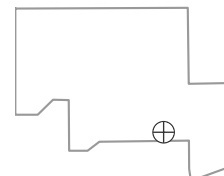
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

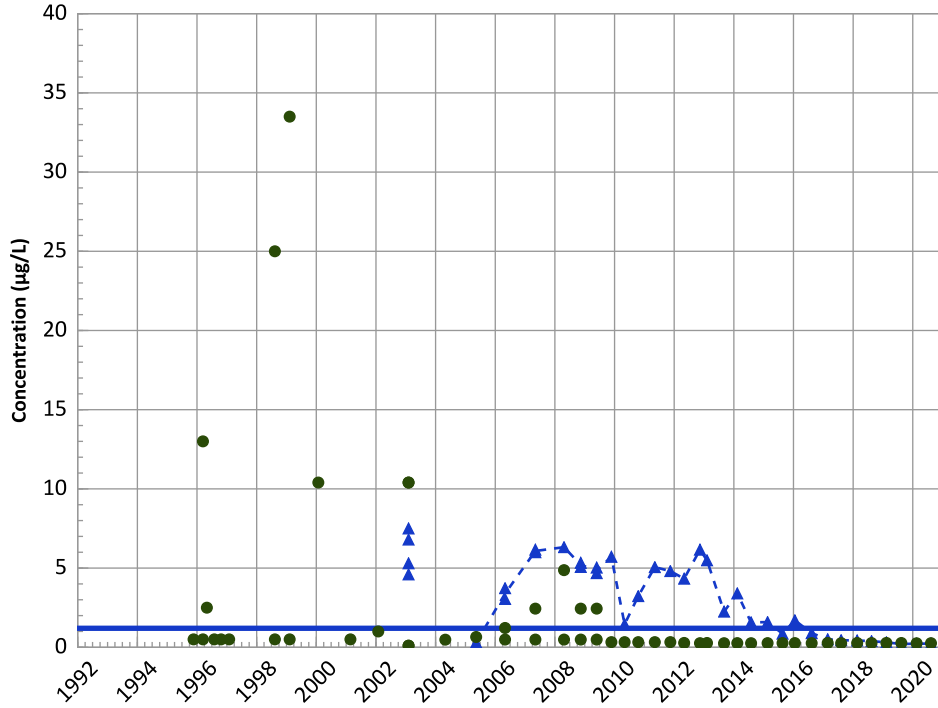
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

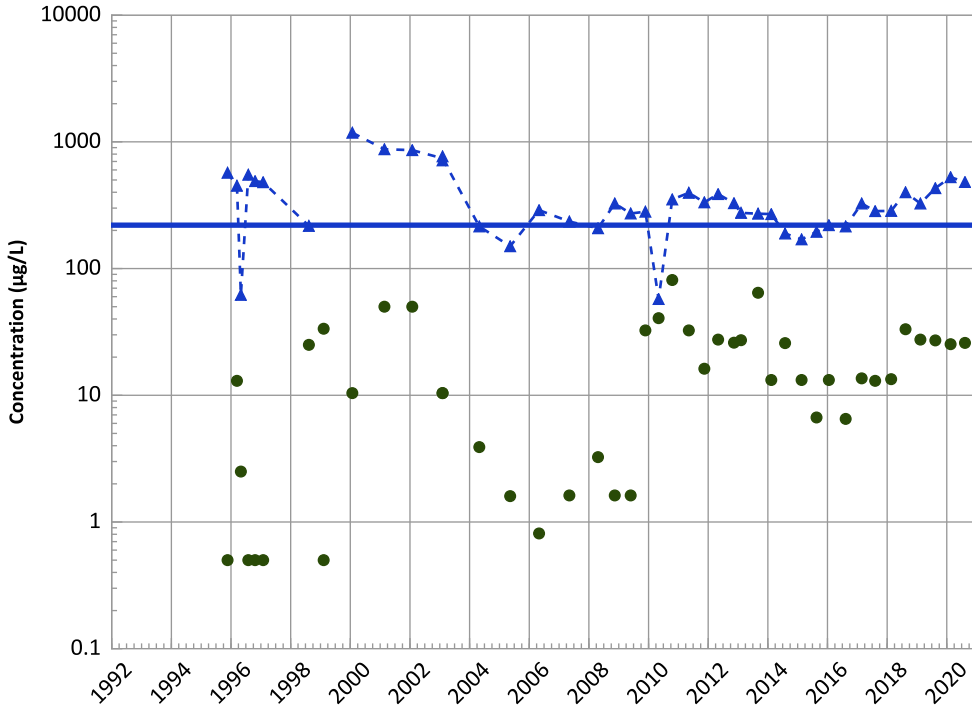
2018 - 2020 Data:

Stable

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

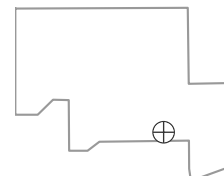
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

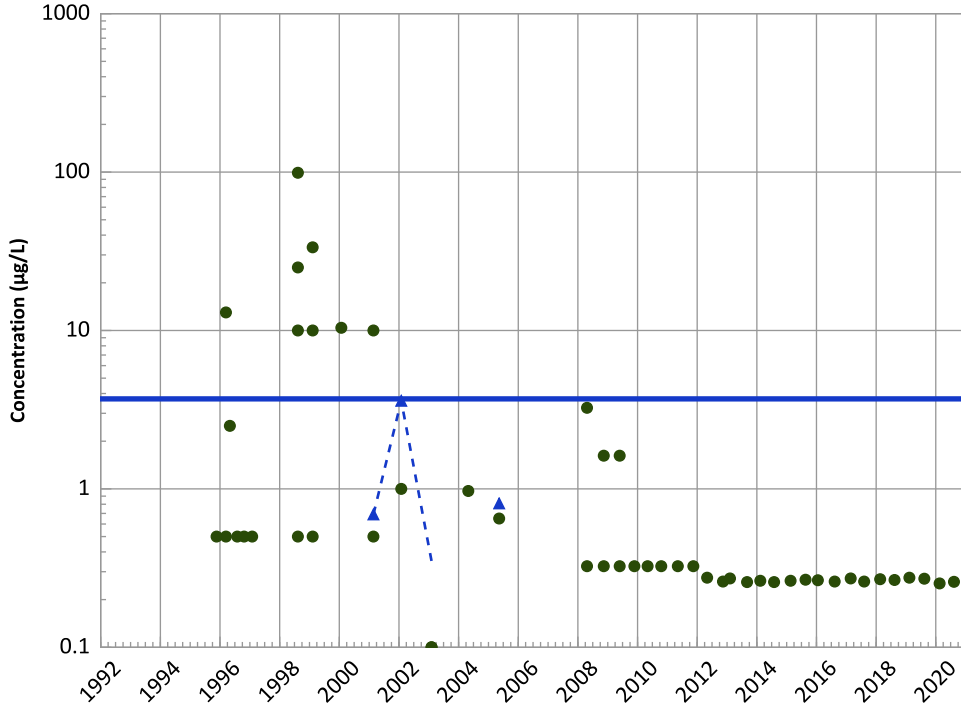
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

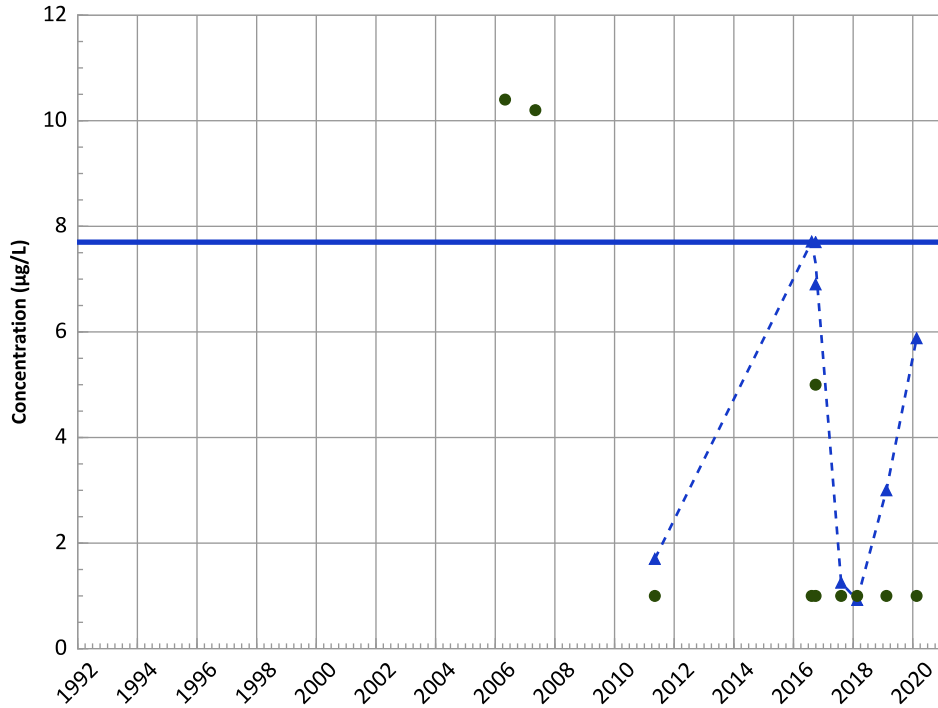
2018 - 2020 Data:

No Trend

All Data:

No Trend

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

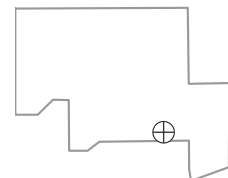
All Data:

No Trend

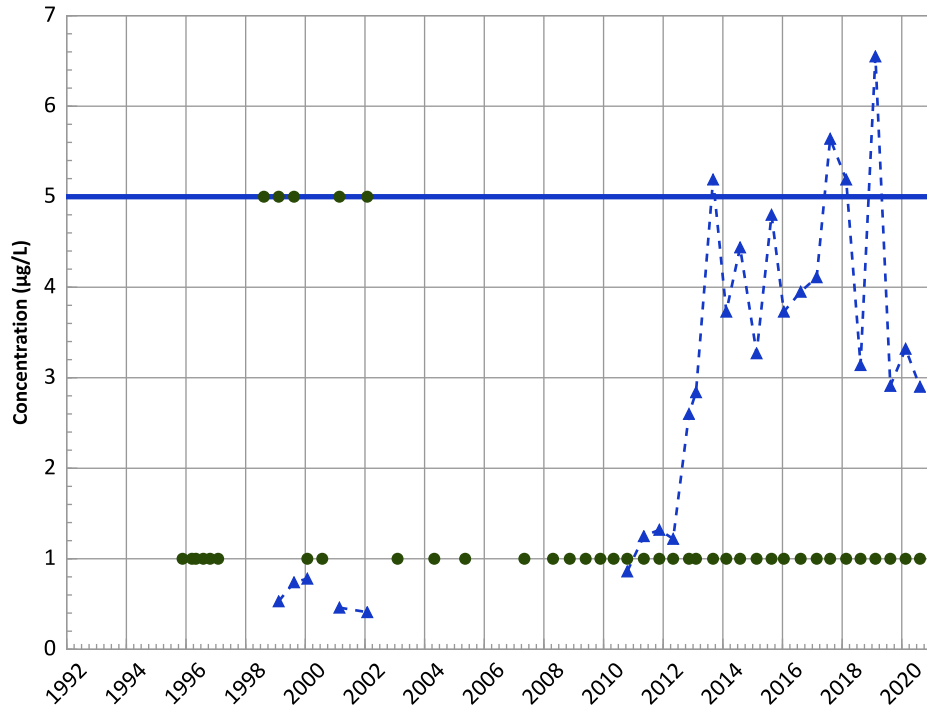
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Increasing

Increasing

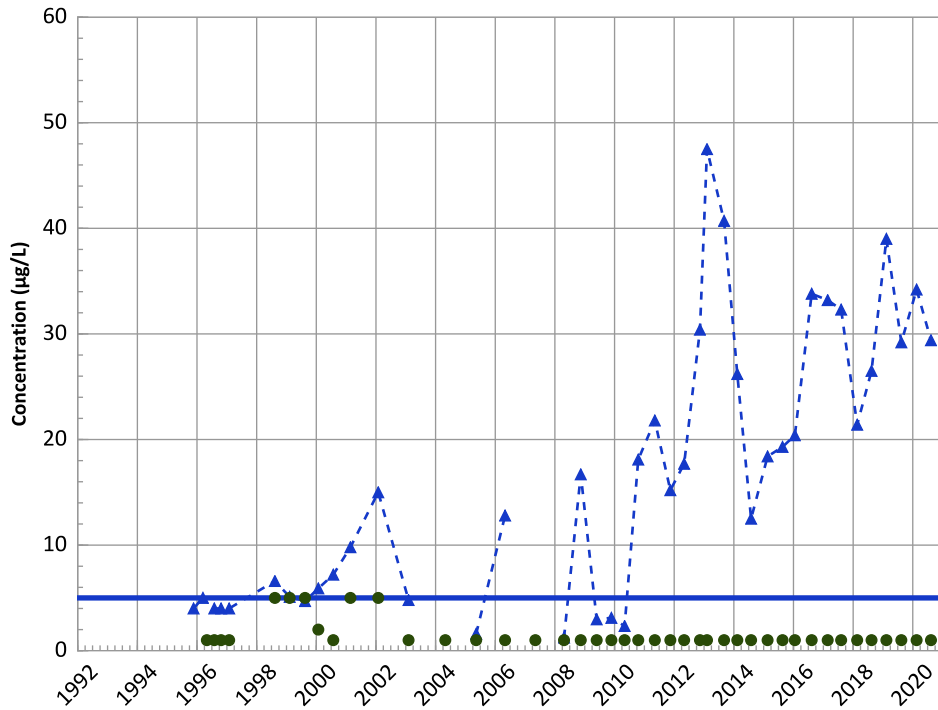
MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Increasing

Increasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Increasing

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

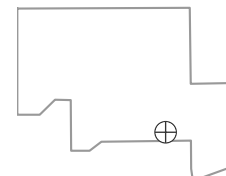
All Data:
Increasing

Increasing

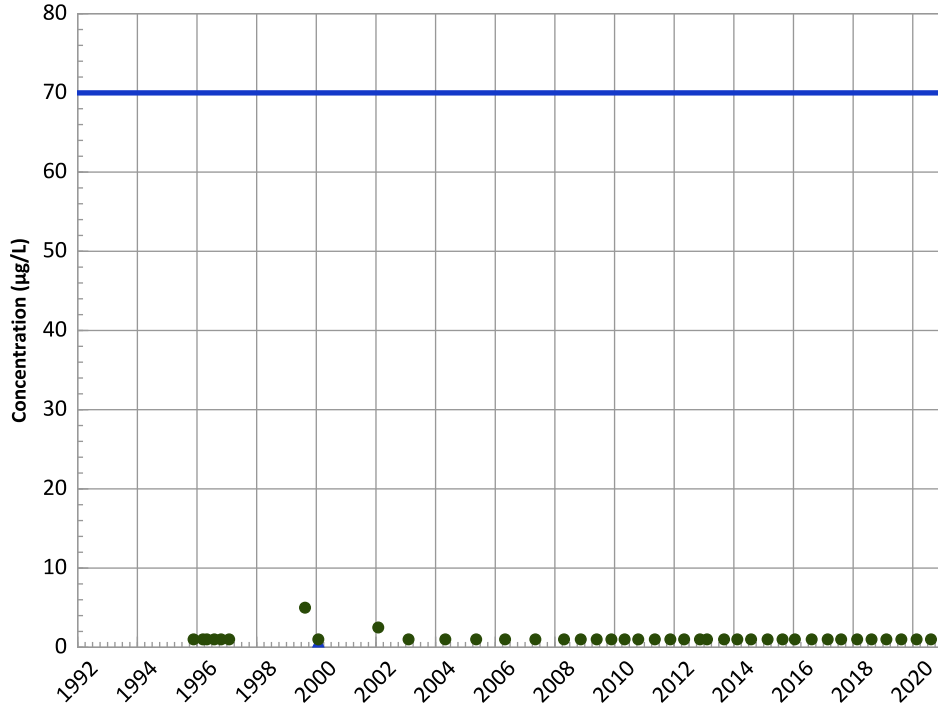
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

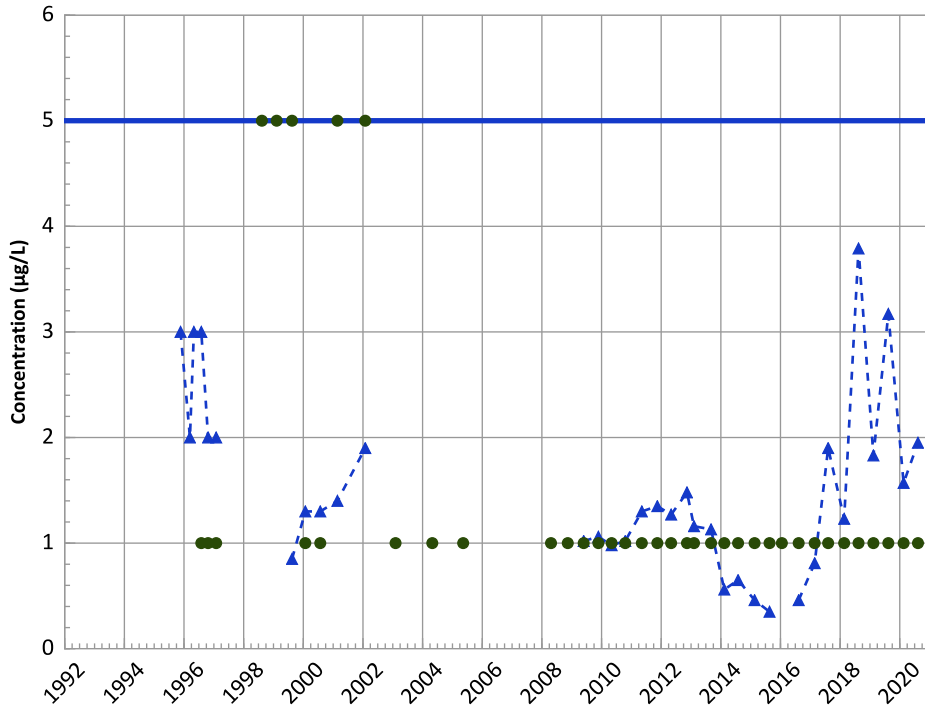
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Stable
All Data:
Decreasing

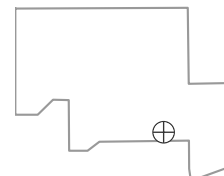
MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Decreasing

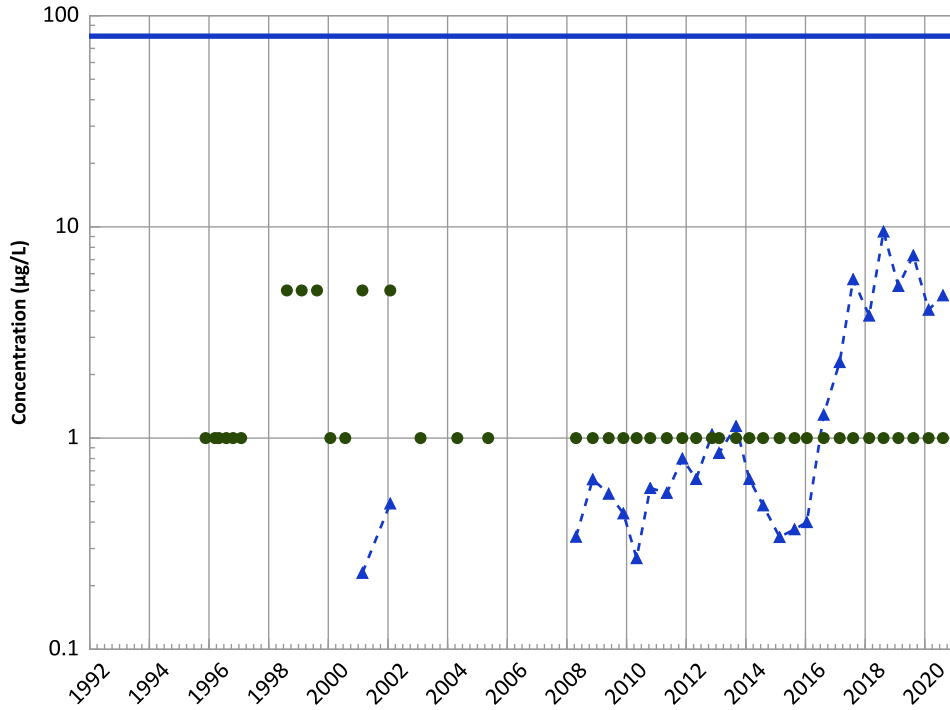
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

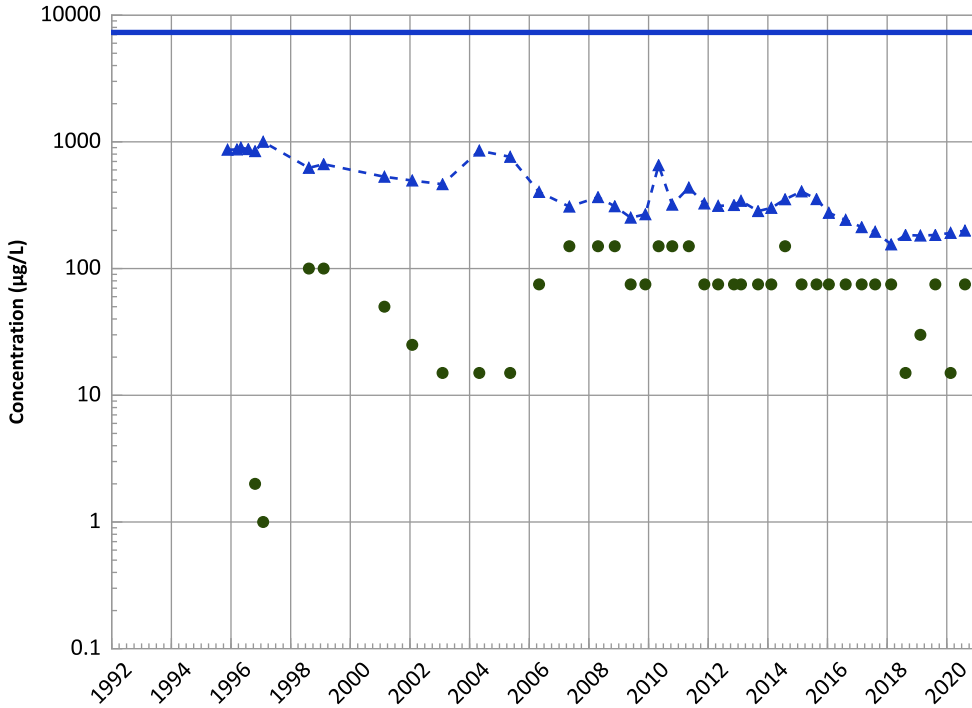
2018 - 2020 Data:

Stable

All Data:

Increasing

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

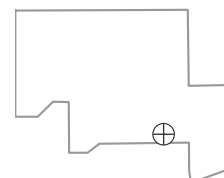
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

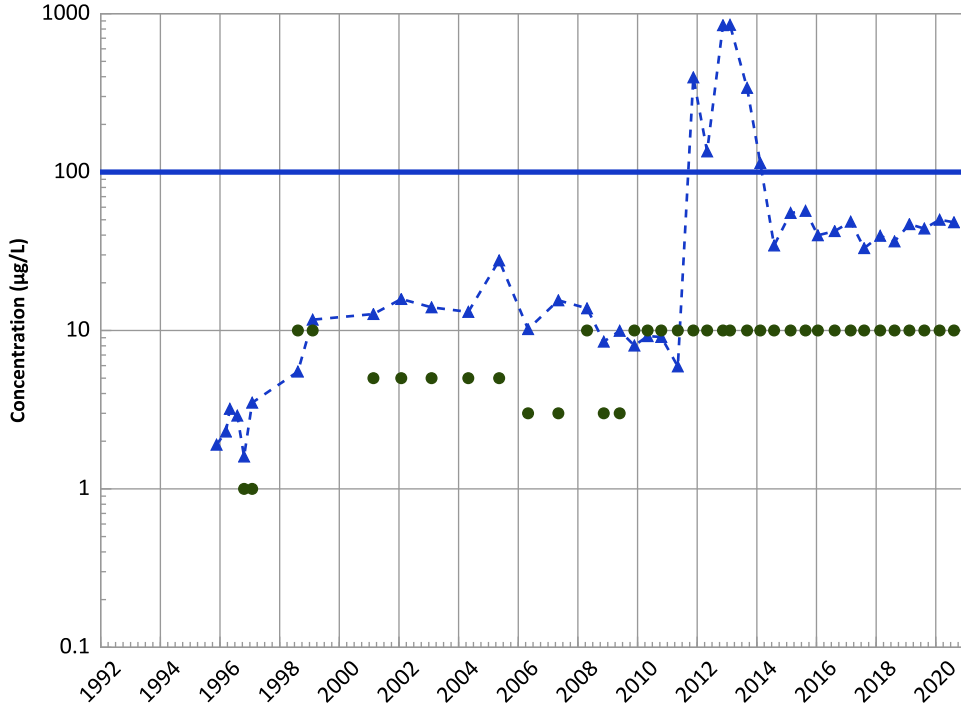
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

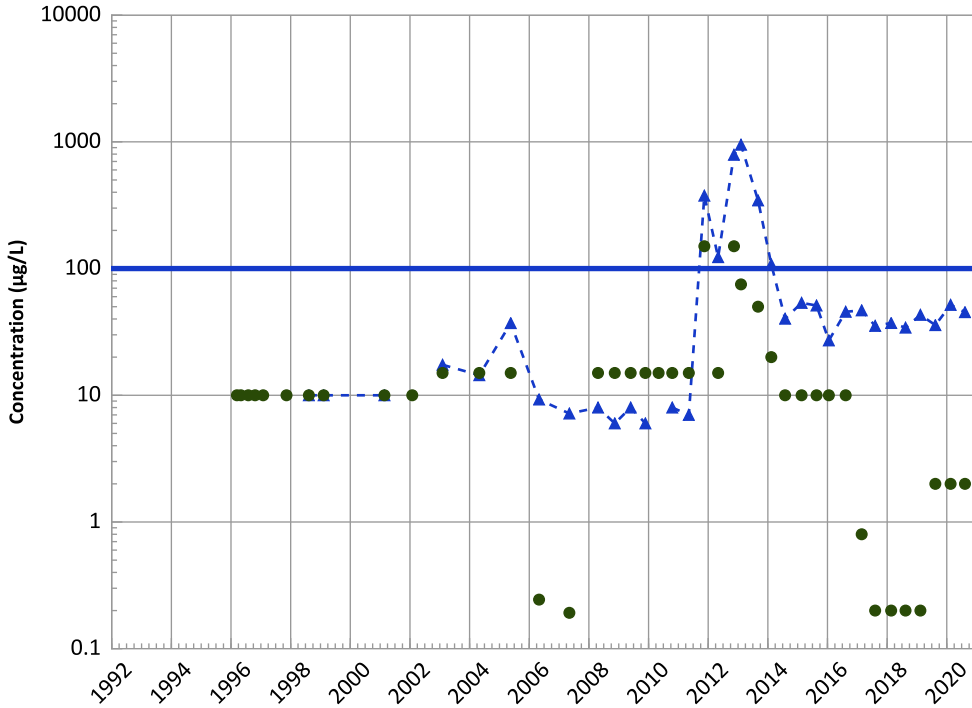
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

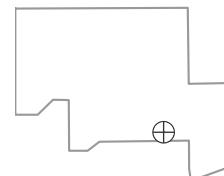
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

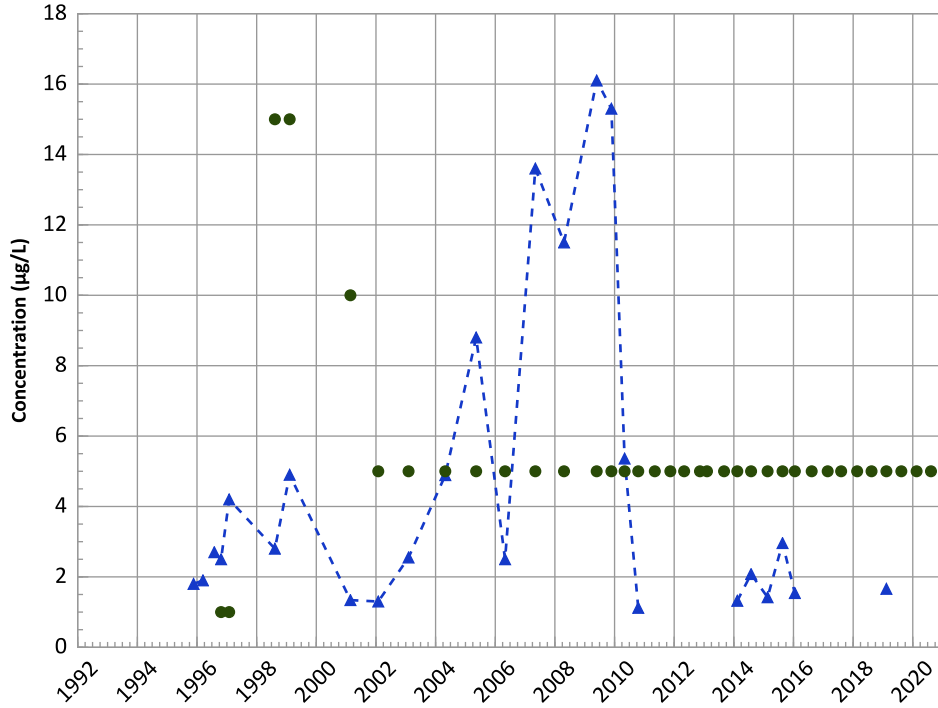
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

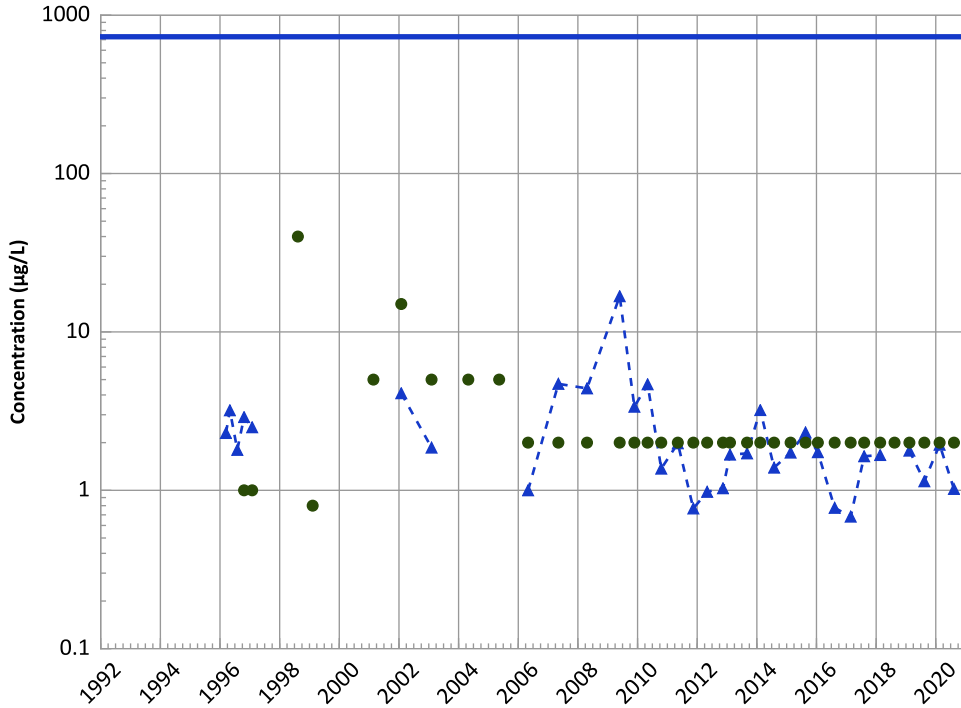


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Nickel Trend



Concentration Trend

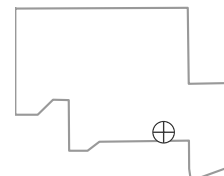
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

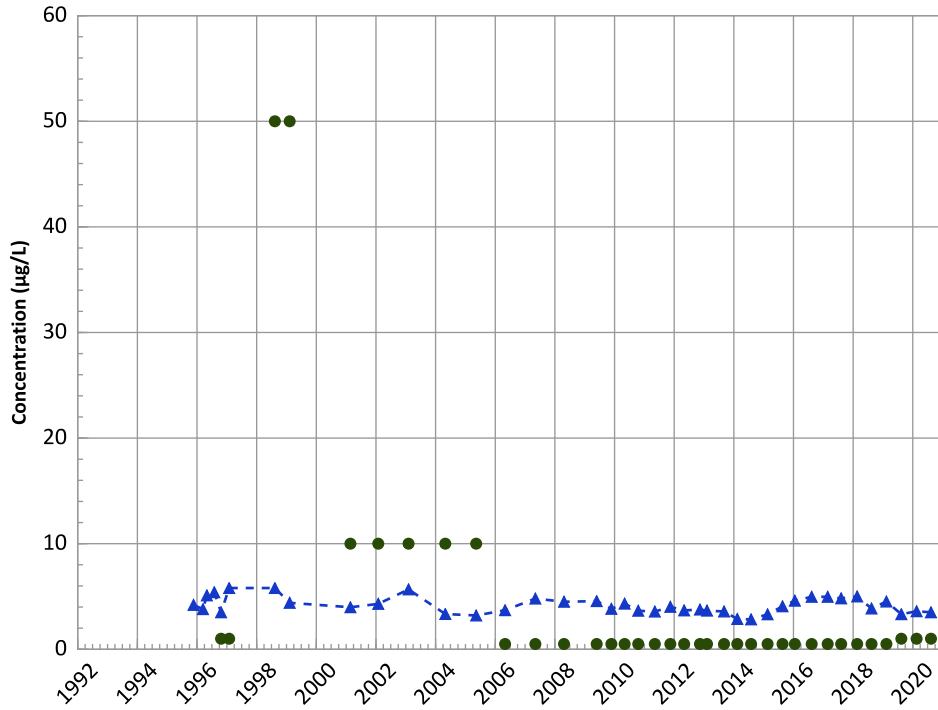
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

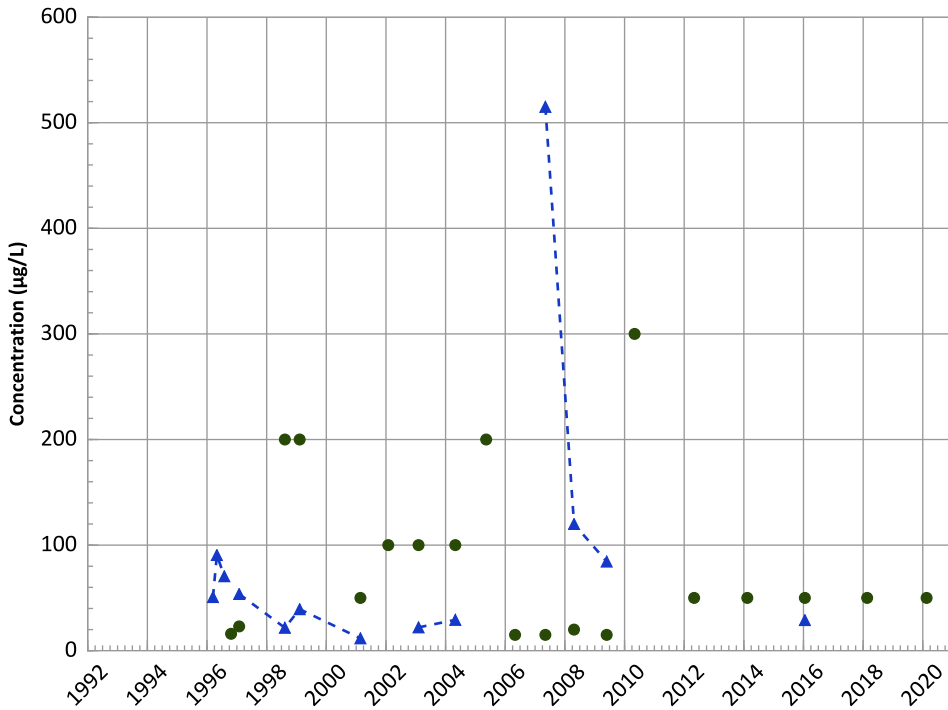
2018 - 2020 Data:

Stable

All Data:

Decreasing

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

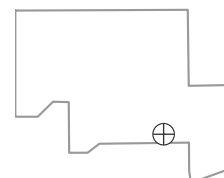
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

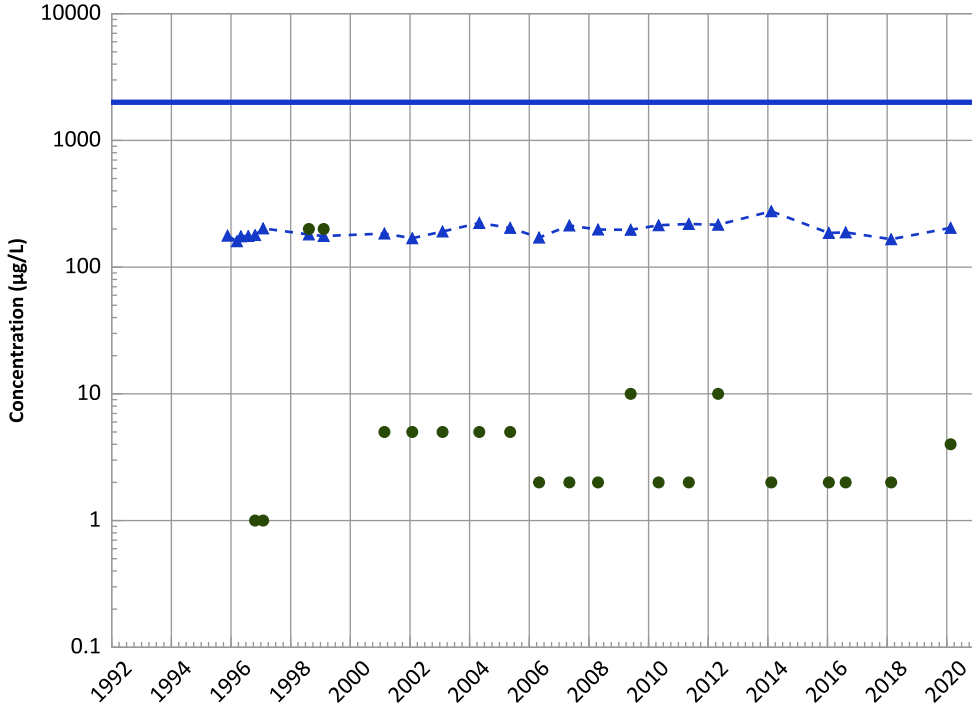
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

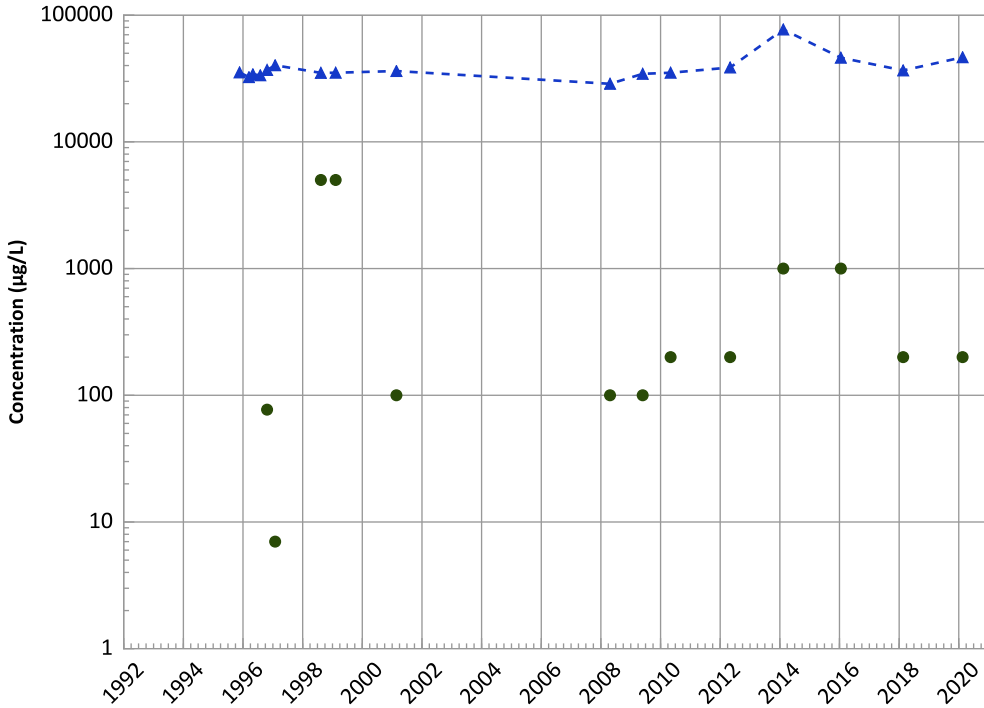
2018 - 2020 Data:

No Trend

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

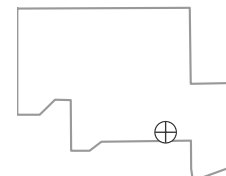
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

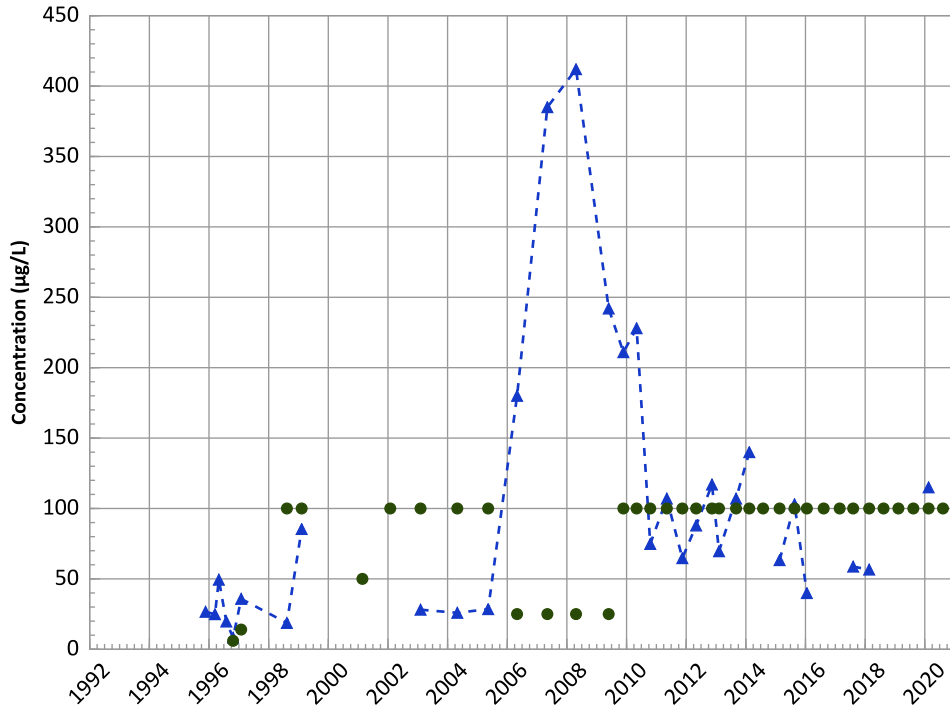
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

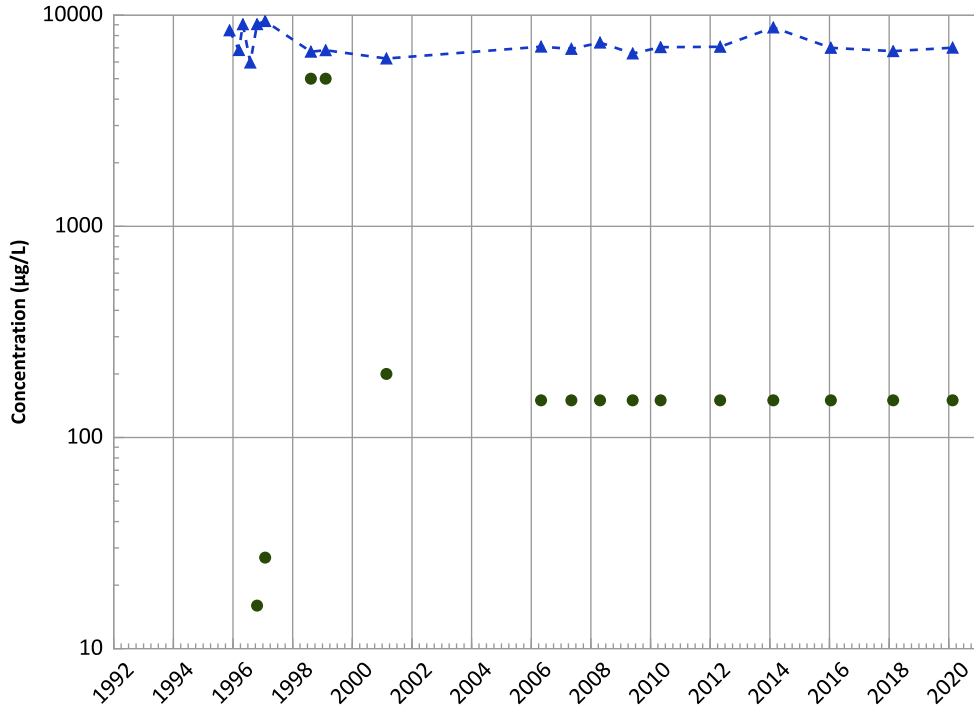


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Potassium Trend



Concentration Trend

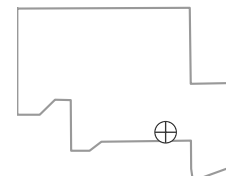
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

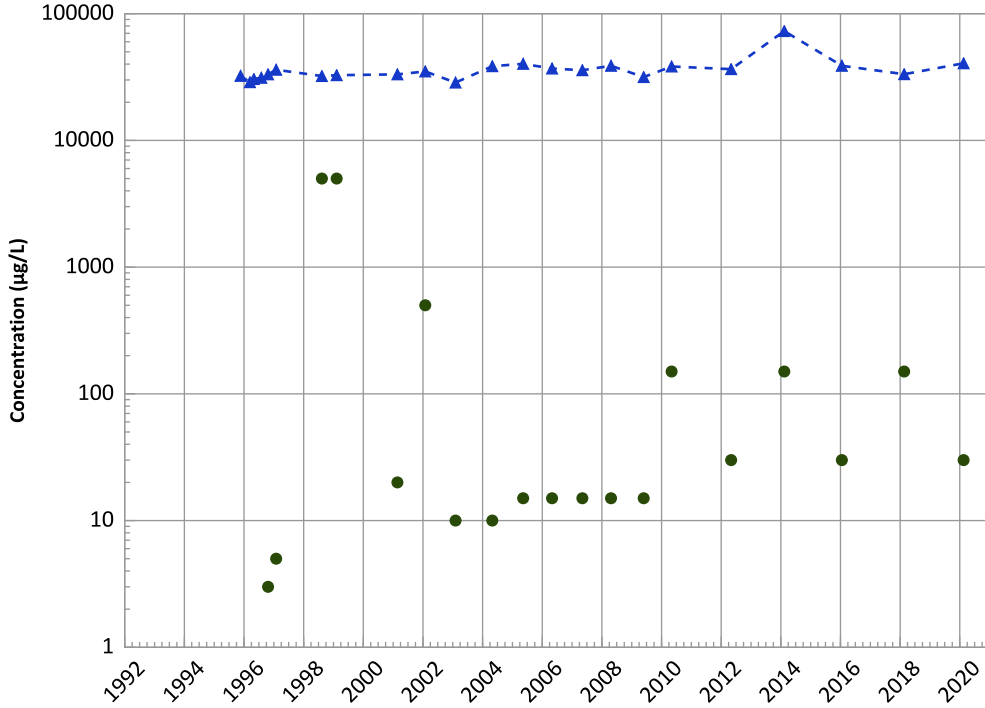
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

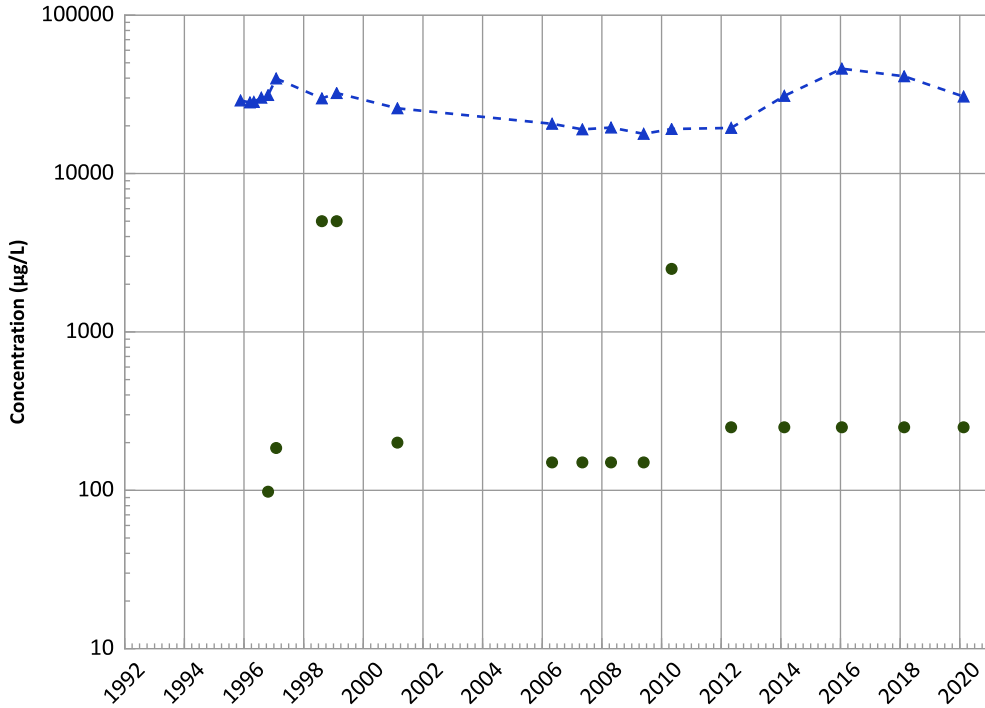
2018 - 2020 Data:

Stable

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

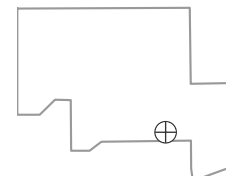
All Data:

Decreasing

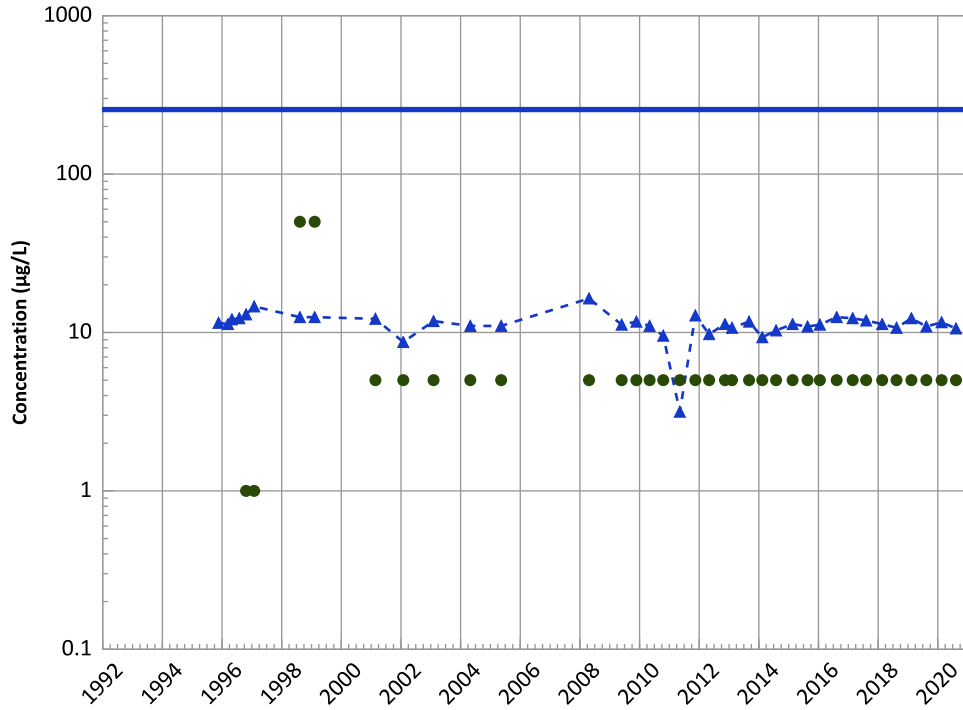
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/20/1995 to 08/11/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1005 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend

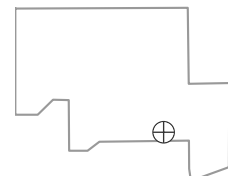


Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 Decreasing
 All Data:
 Decreasing
 MAROS Linear Regression Method
 2018 - 2020 Data:
 Probably Decreasing
 All Data:
 Stable

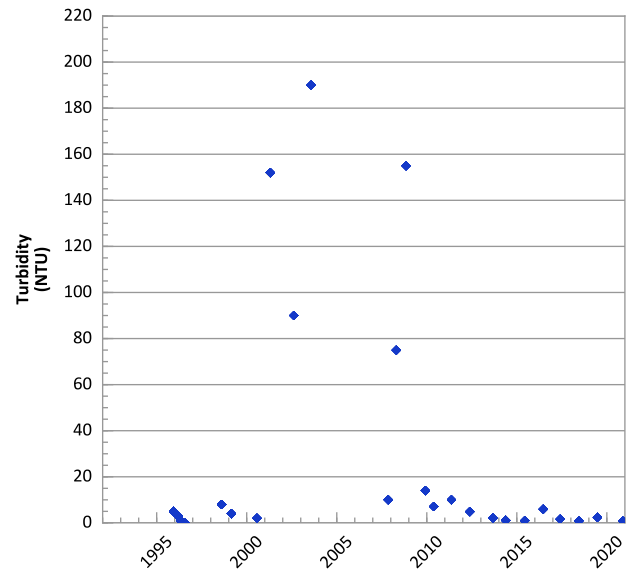
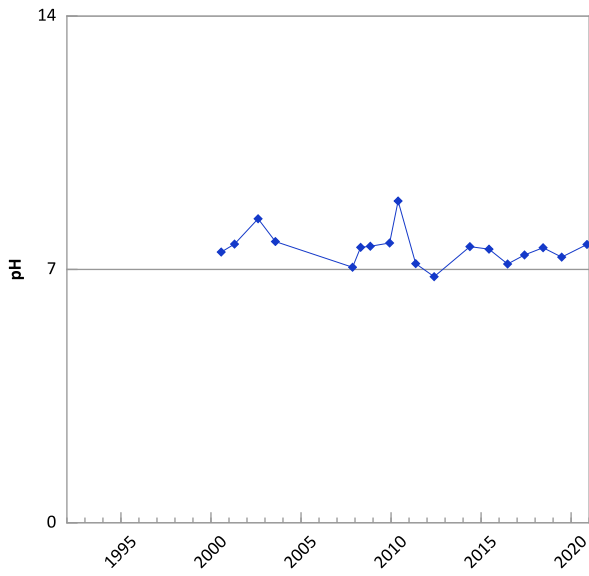
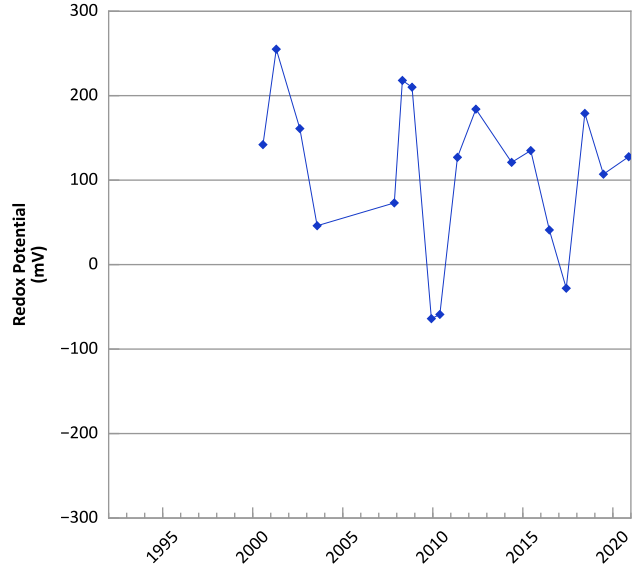
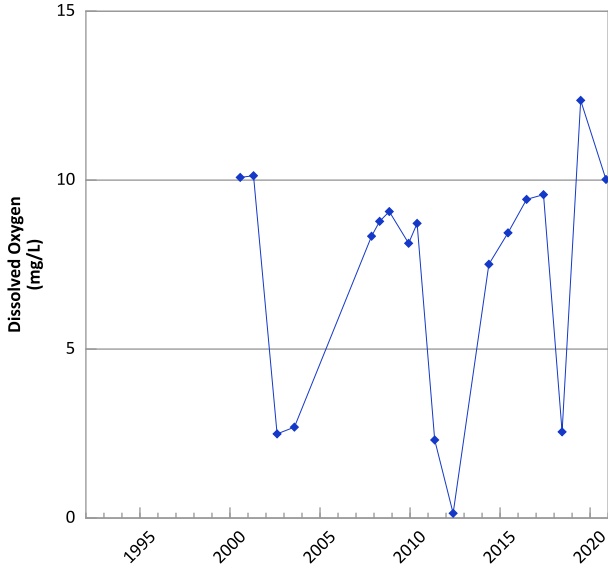
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/20/1995 to 08/11/2020
 Analysis Date: 06/03/2021

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

Well Location

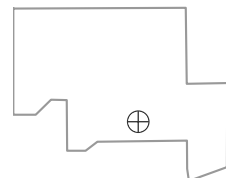


**PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



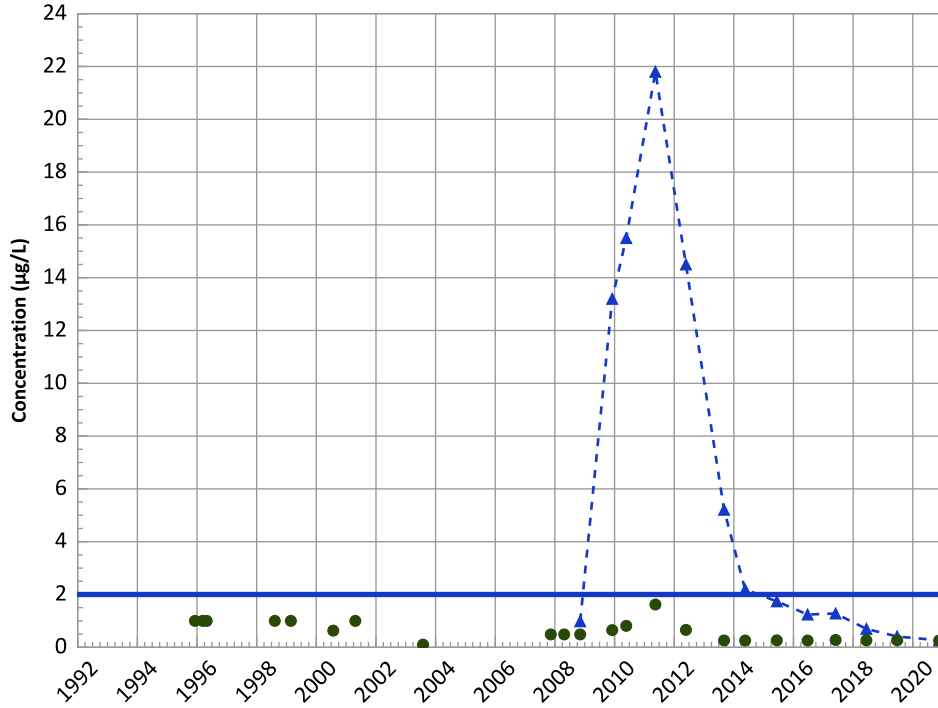
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/07/1995 to 11/18/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

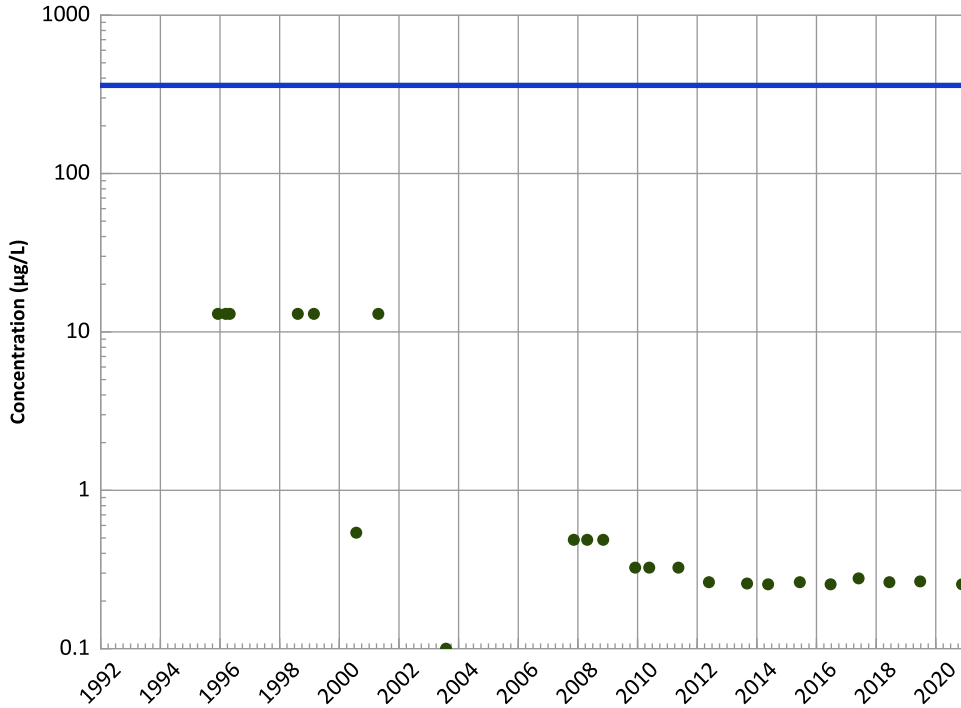
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

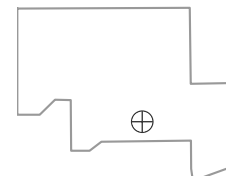
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

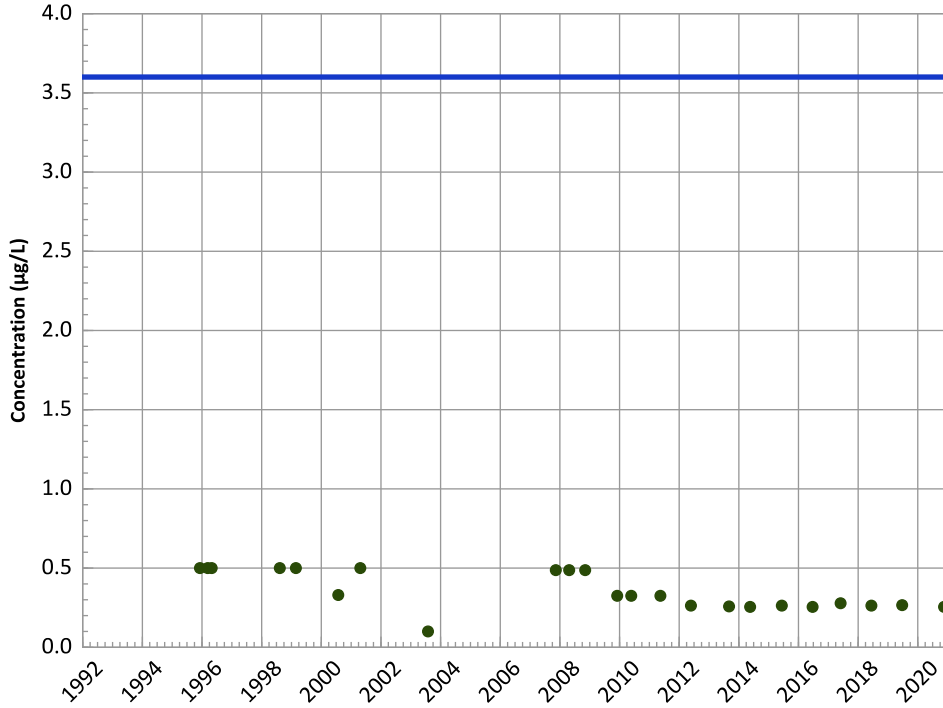
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

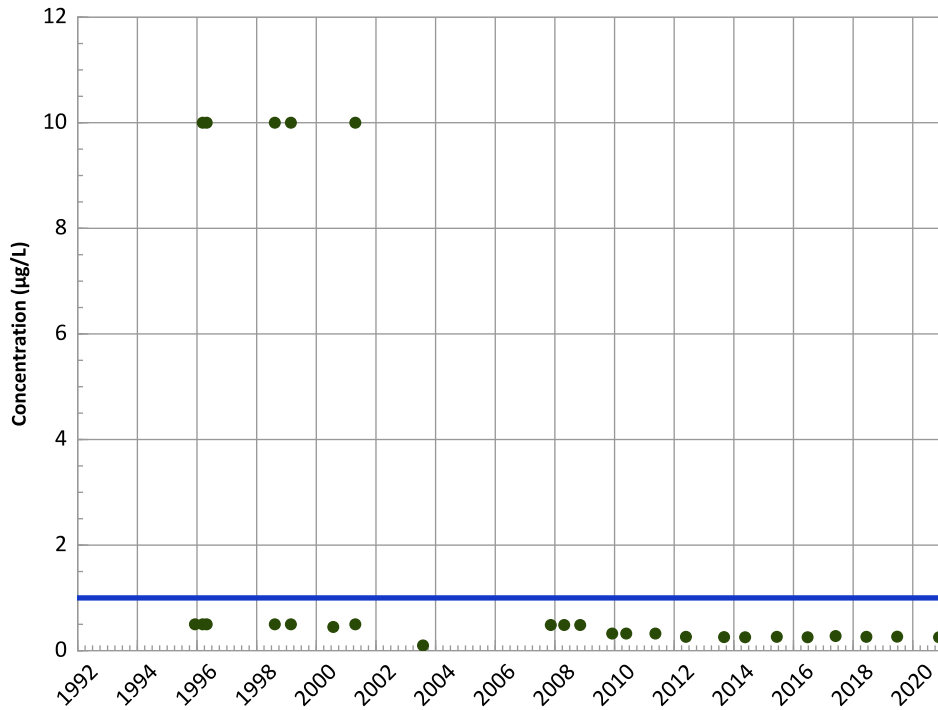
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

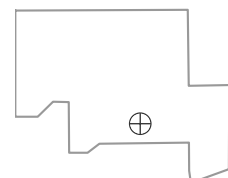
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

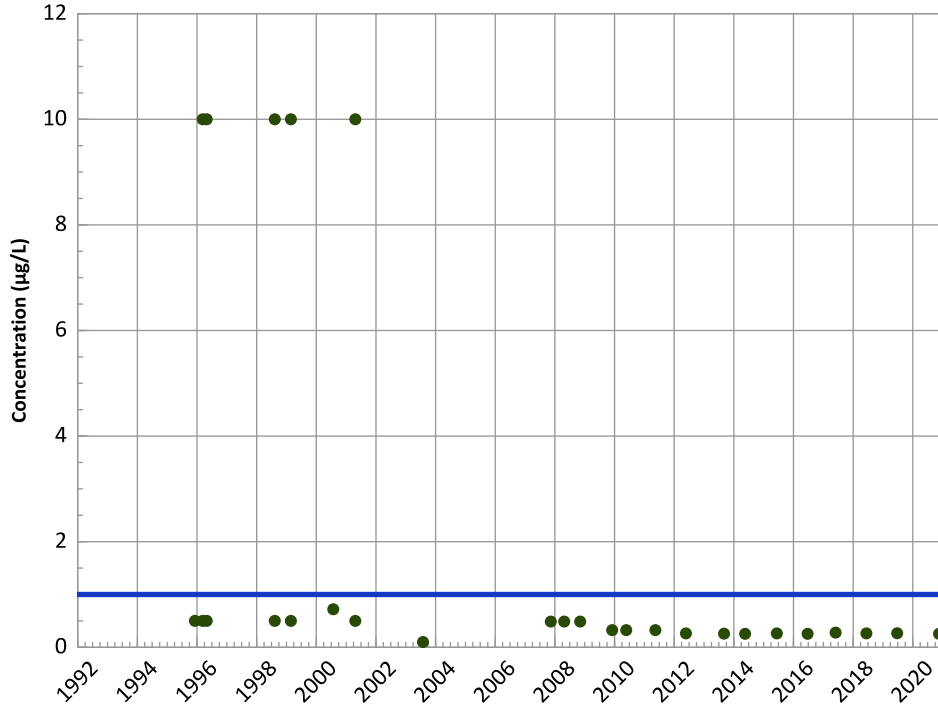
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

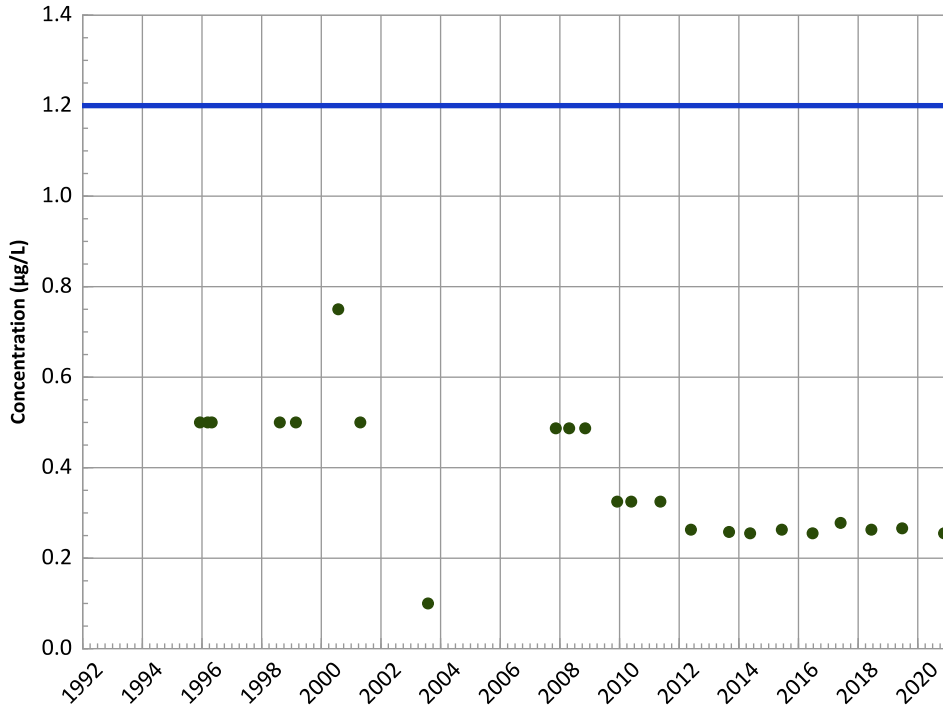
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

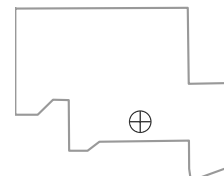
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

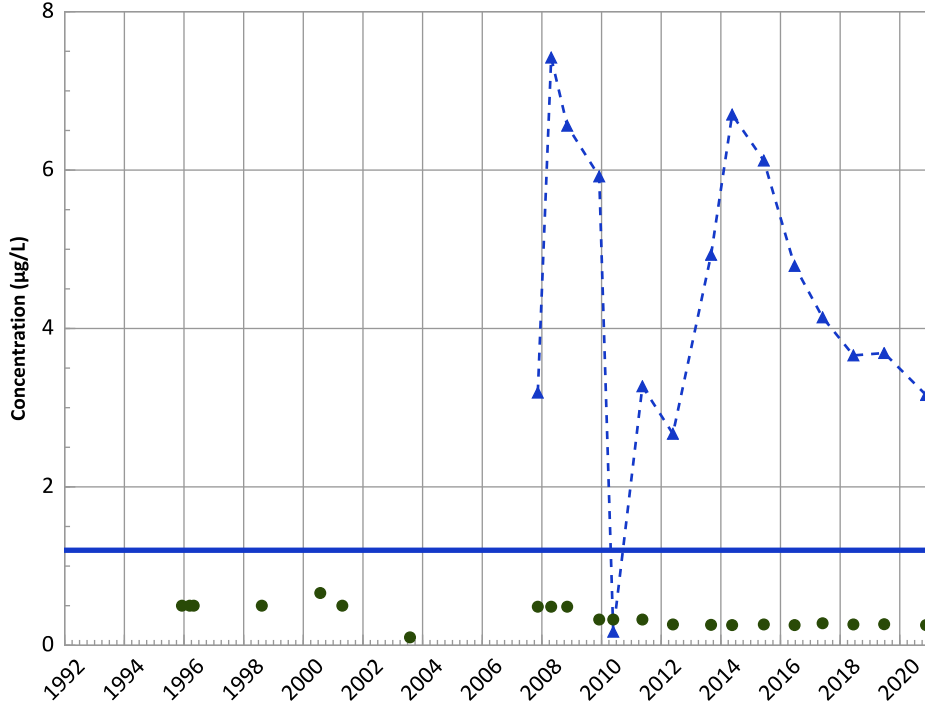
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

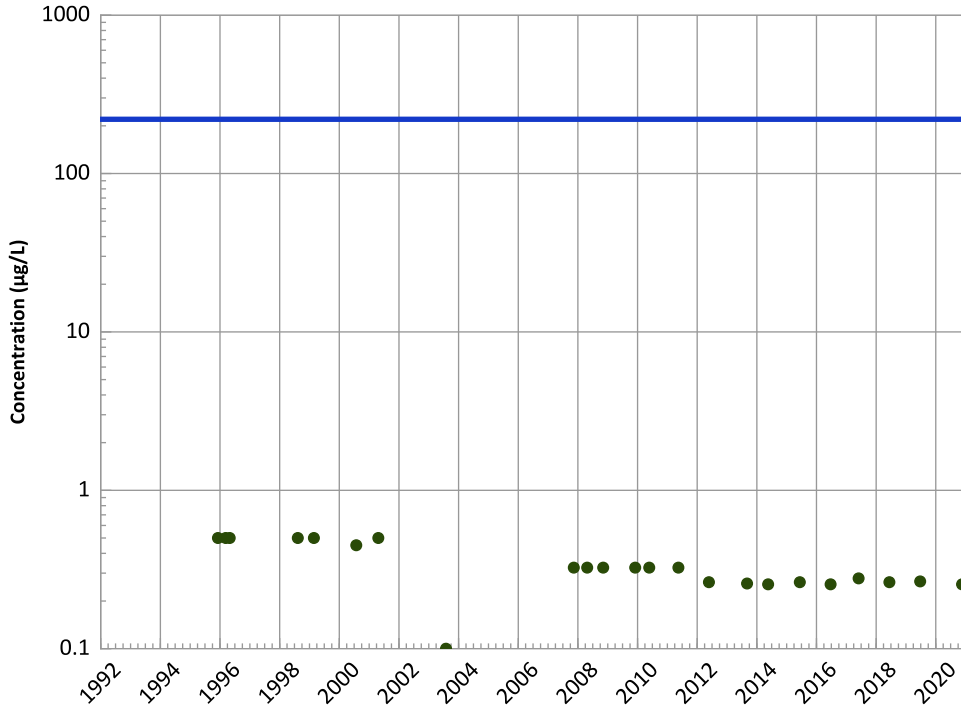
2018 - 2020 Data:

Decreasing

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

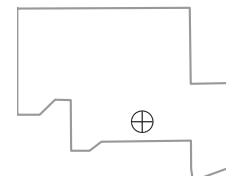
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

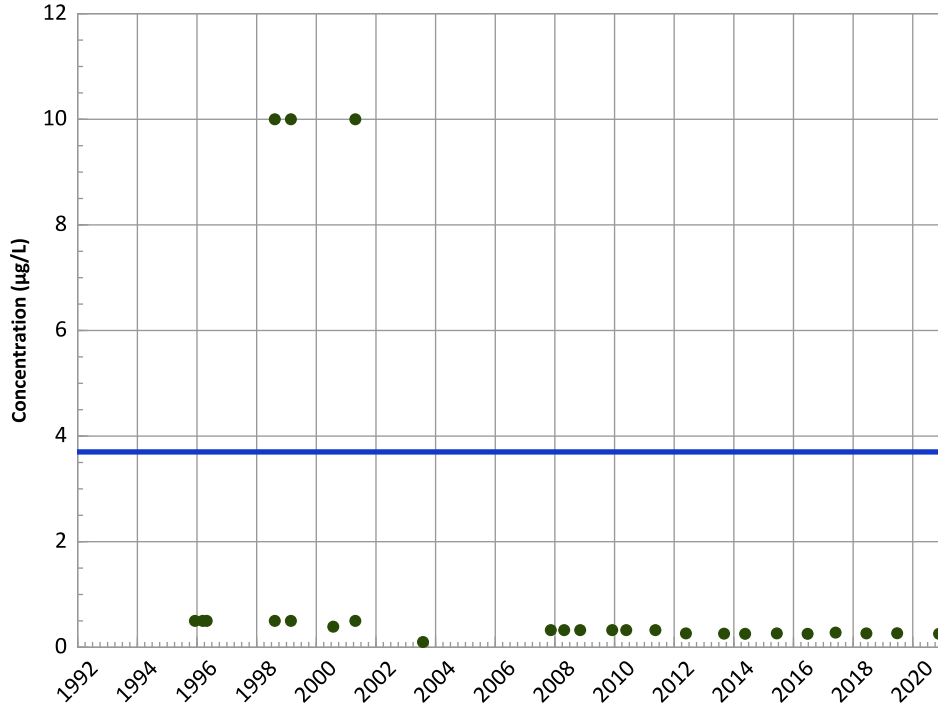
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

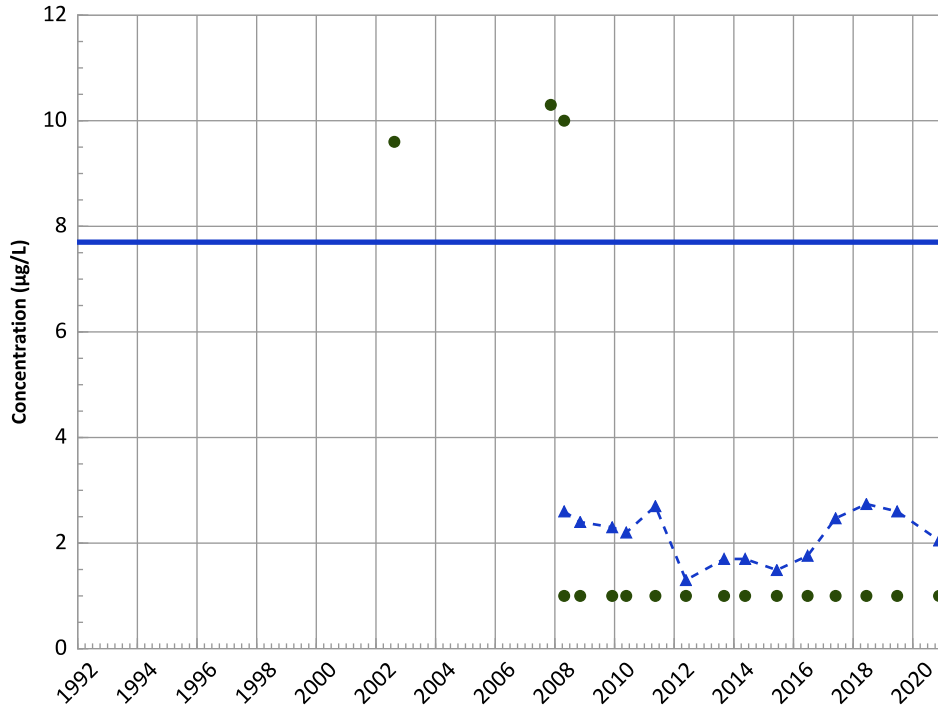
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

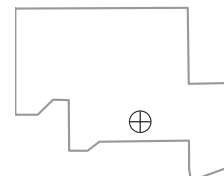
All Data:

Decreasing

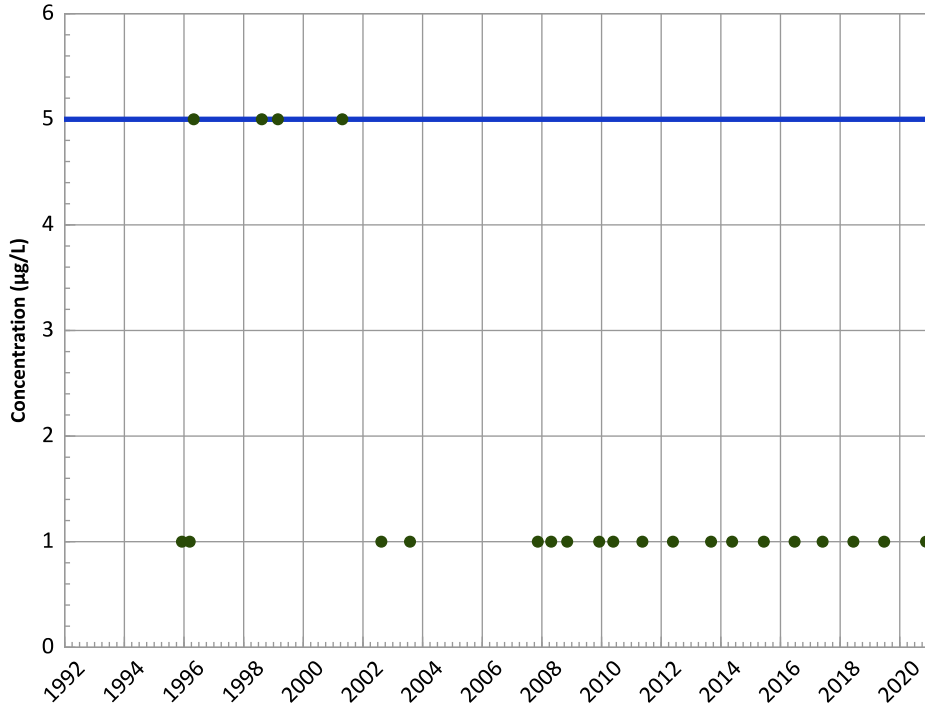
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

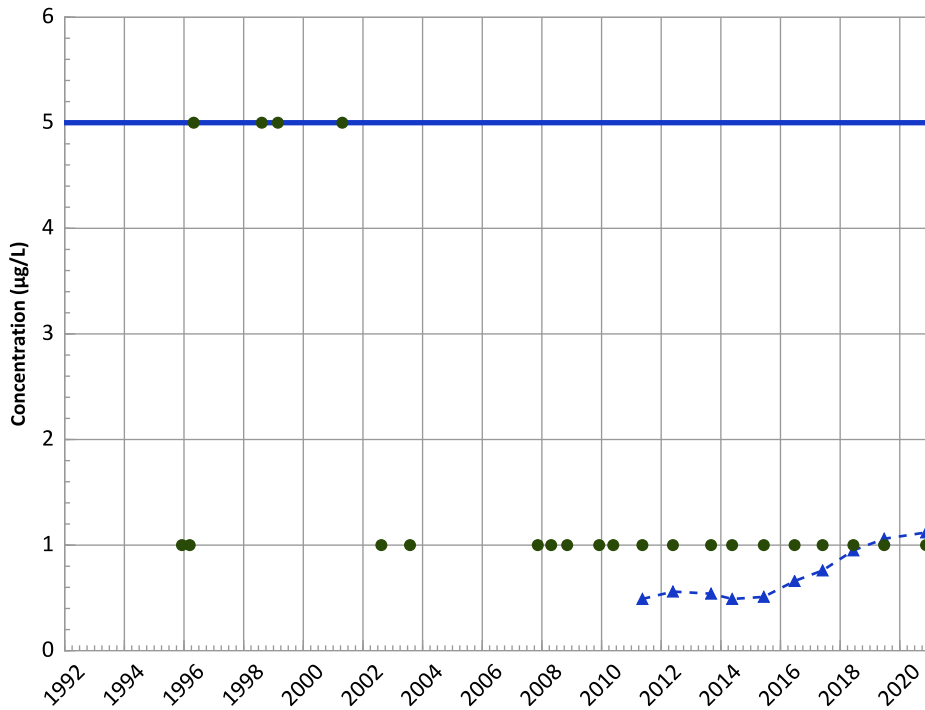
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

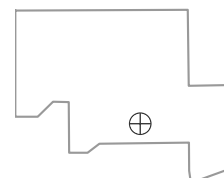
All Data:

Increasing

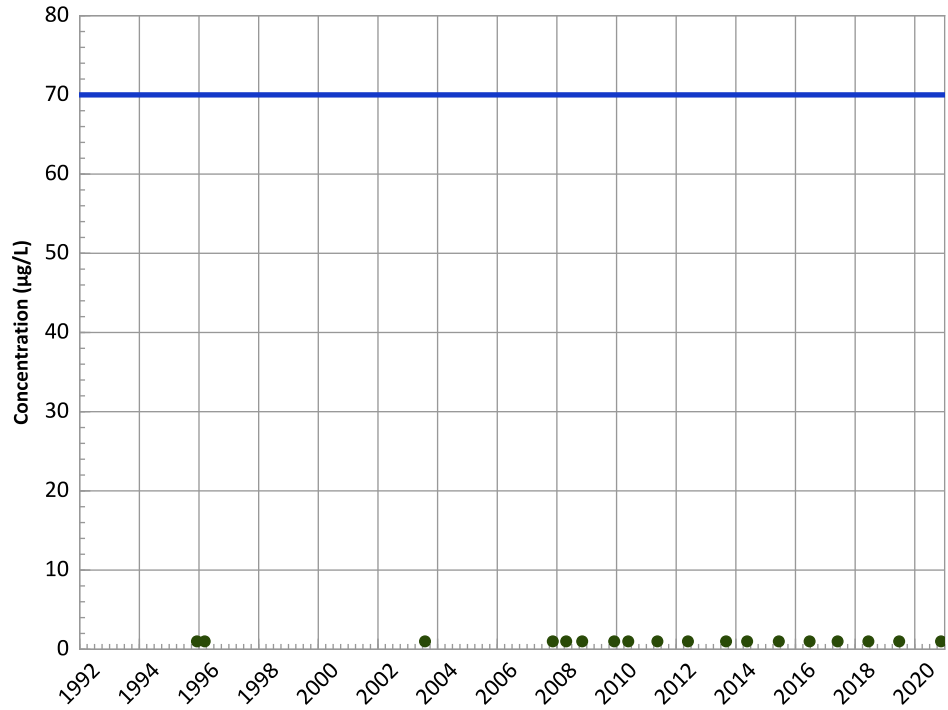
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

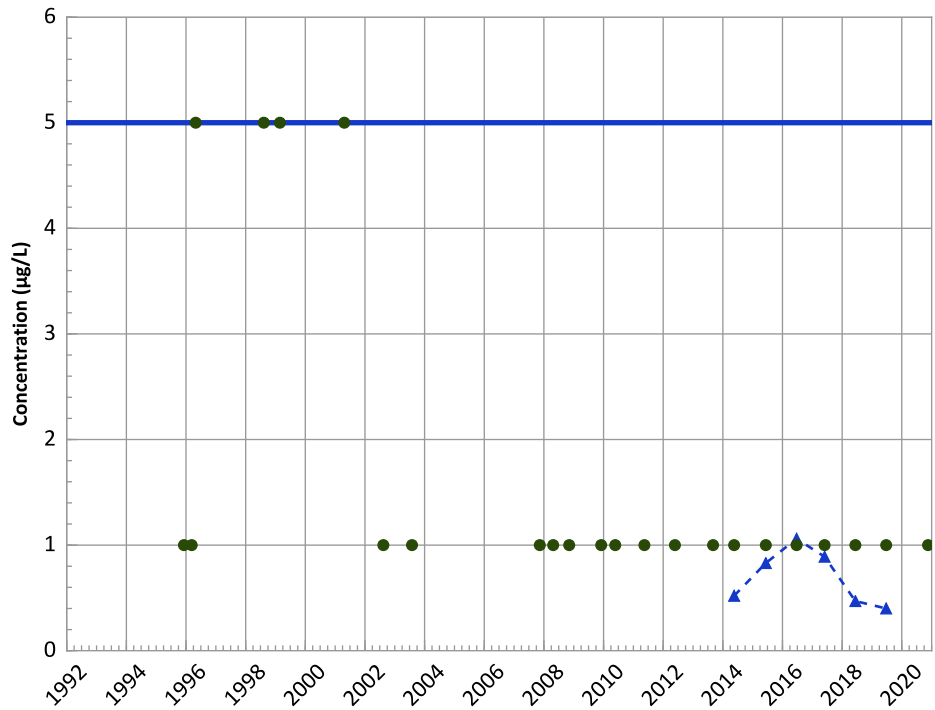
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

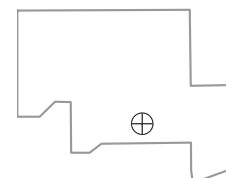
All Data:

Stable

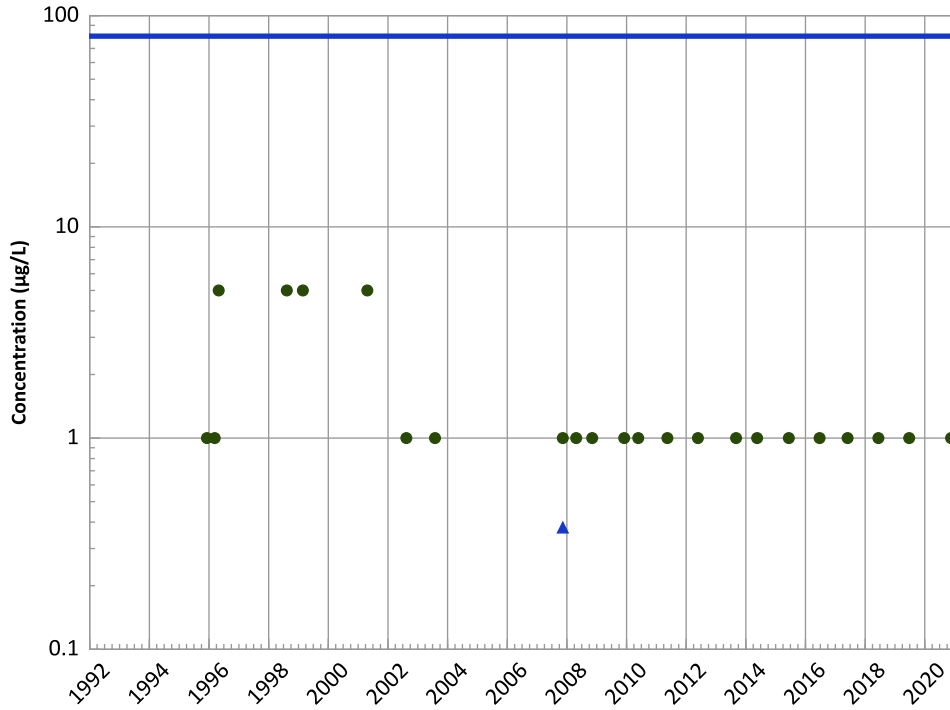
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

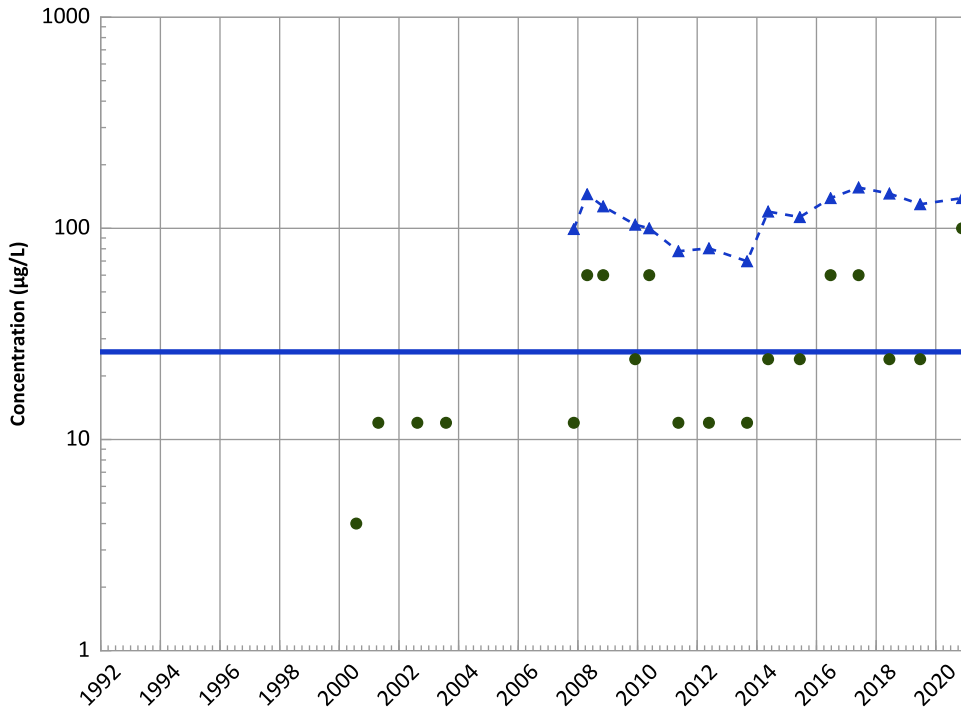


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

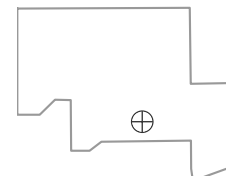
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

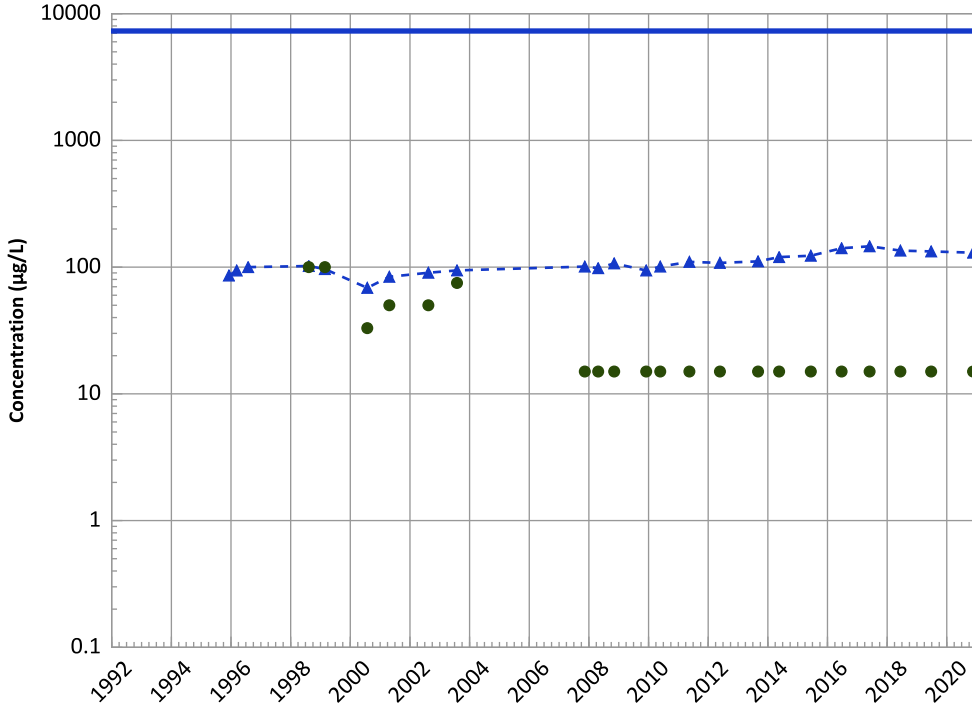
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

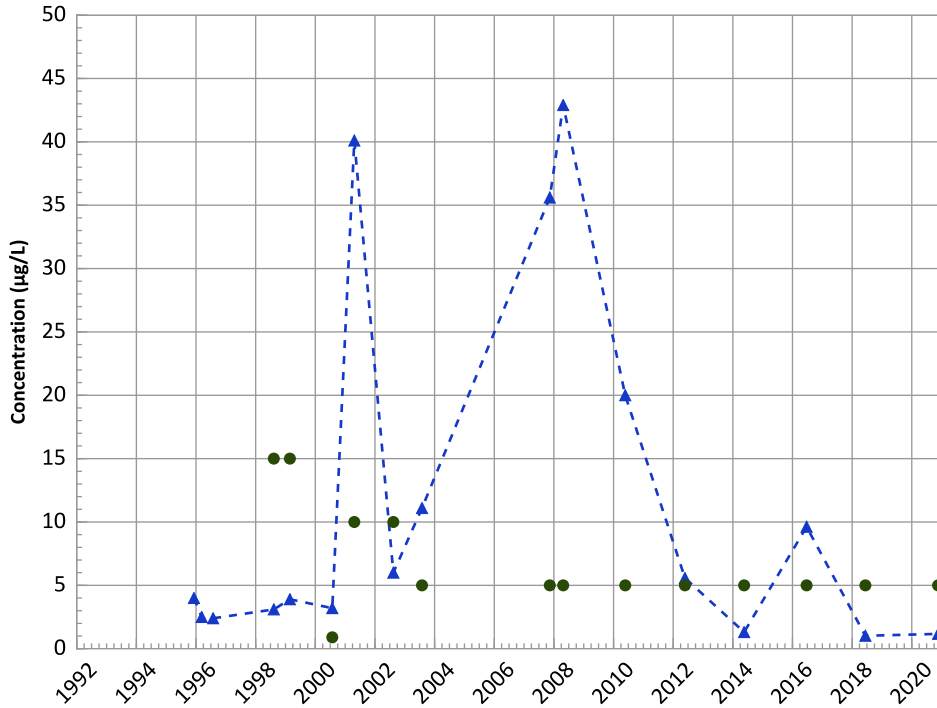
2018 - 2020 Data:

Stable

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

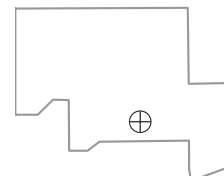
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

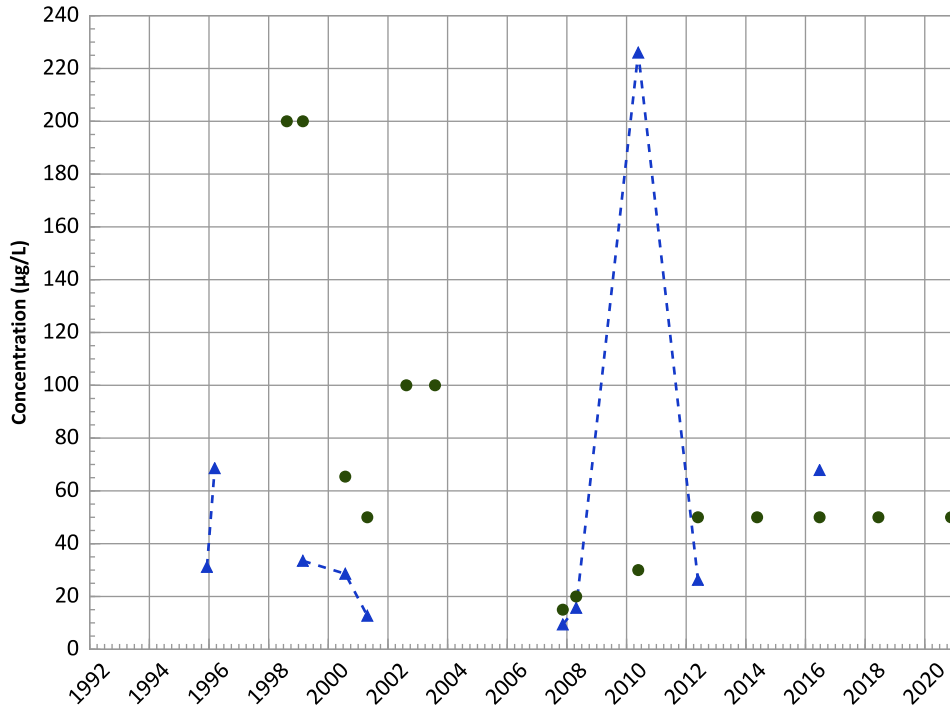
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

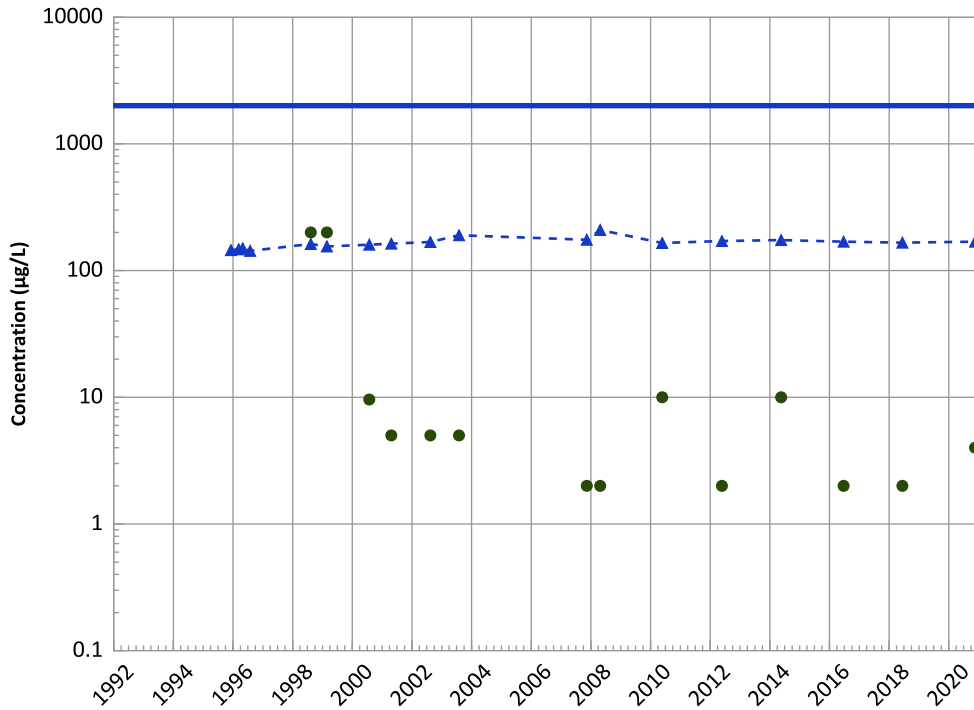


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Barium Trend



Concentration Trend

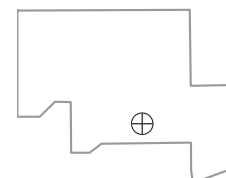
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

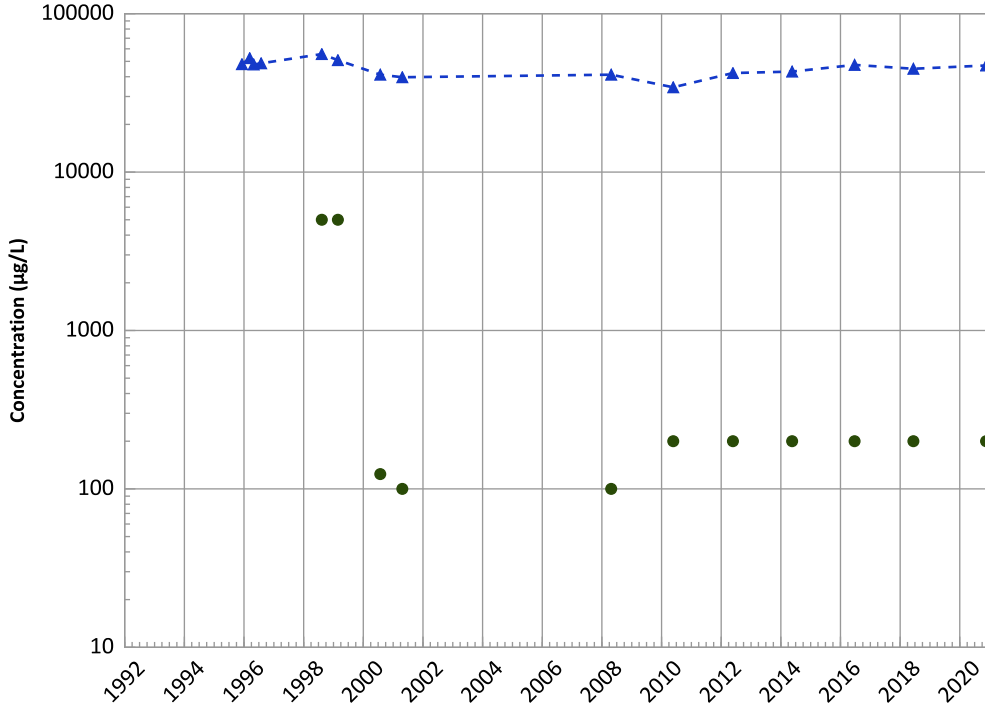
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

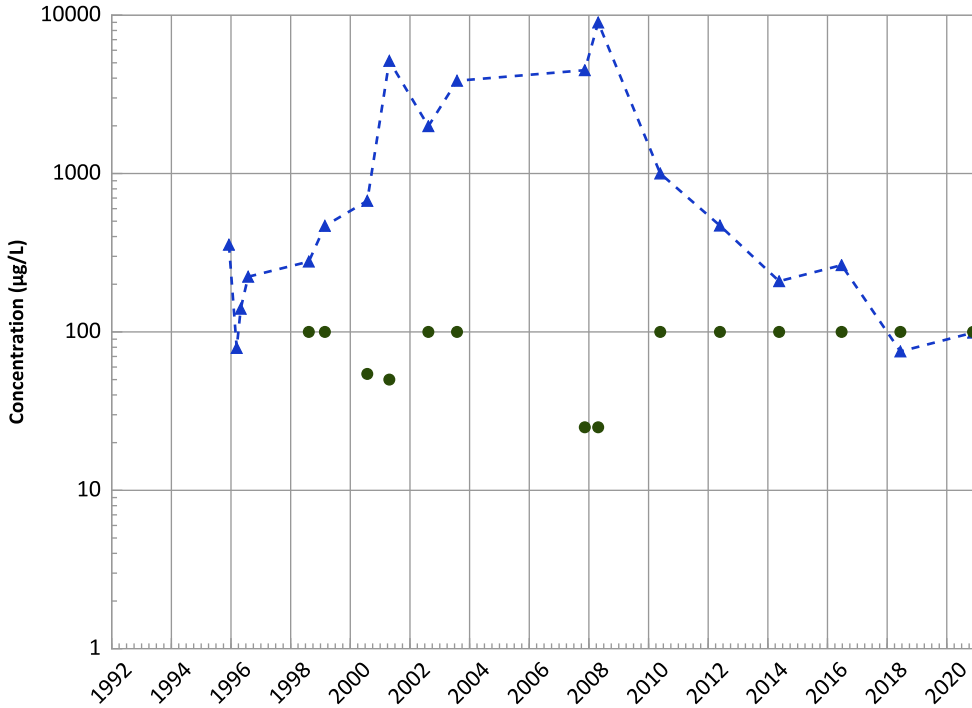
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

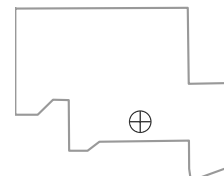
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

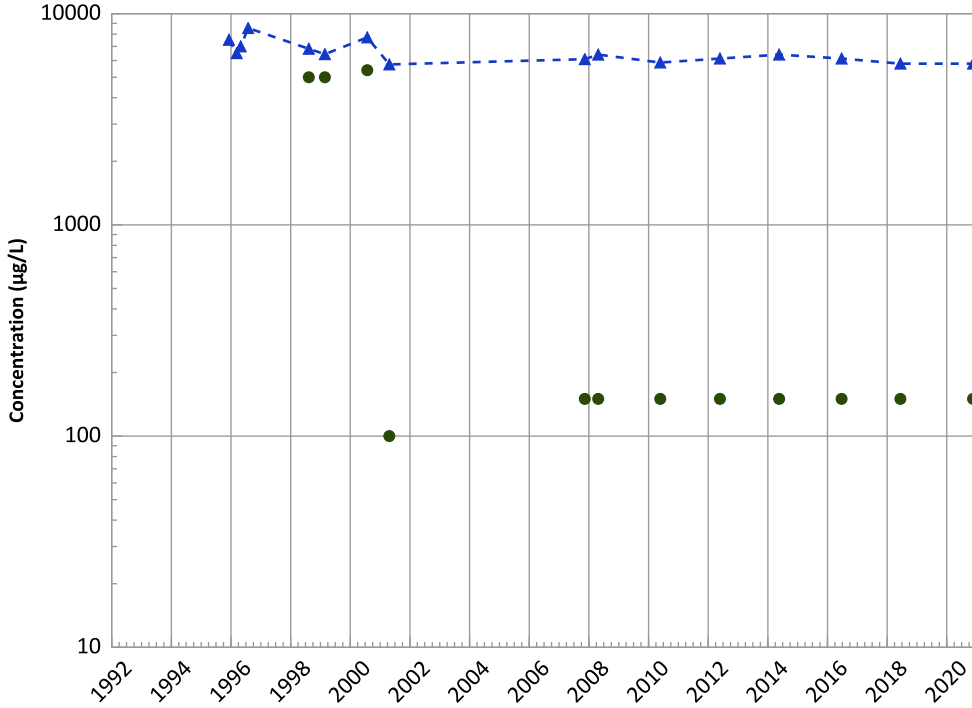
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

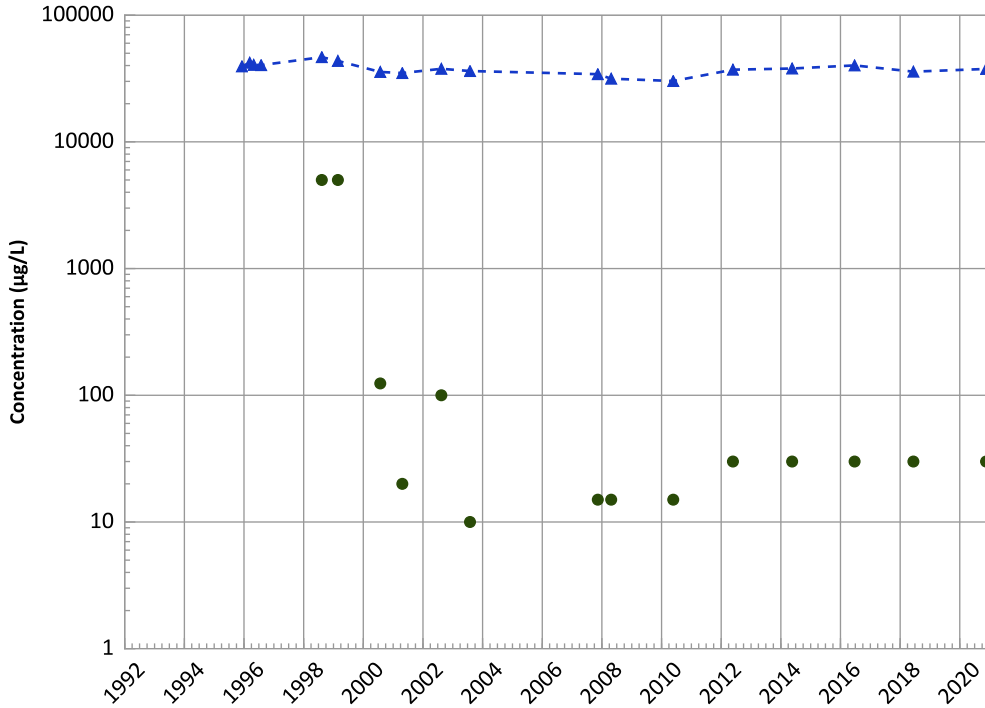
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

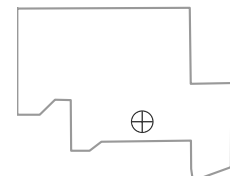
All Data:

Decreasing

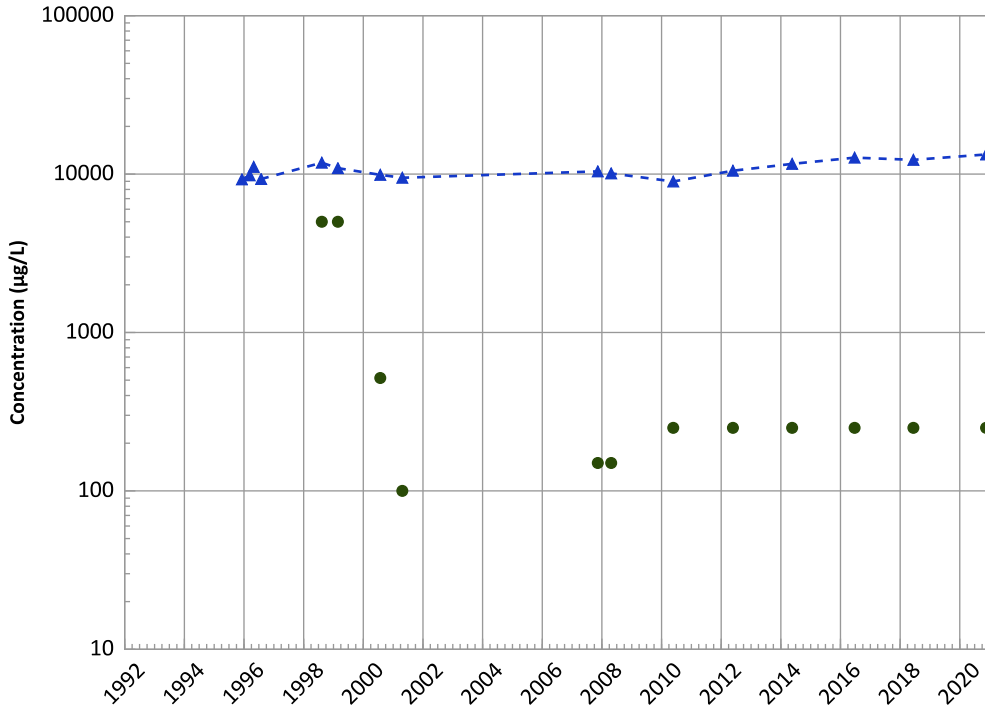
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1006 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend

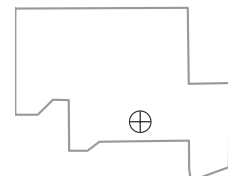


Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Increasing
 MAROS Linear Regression Method
 2018 - 2020 Data:
 Increasing
 All Data:
 Increasing

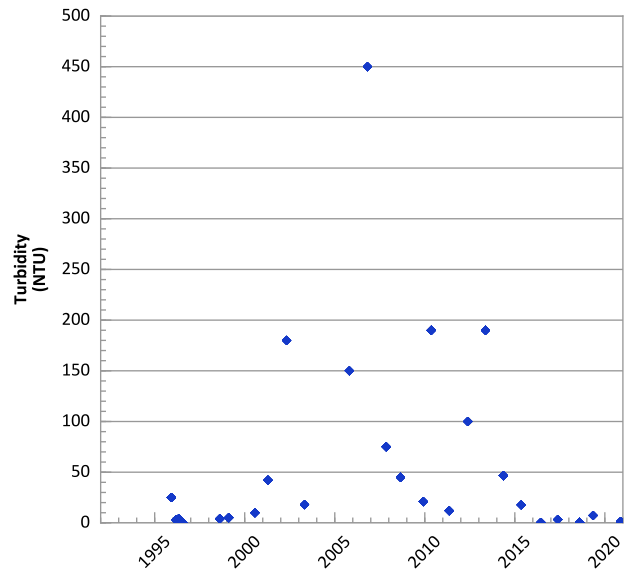
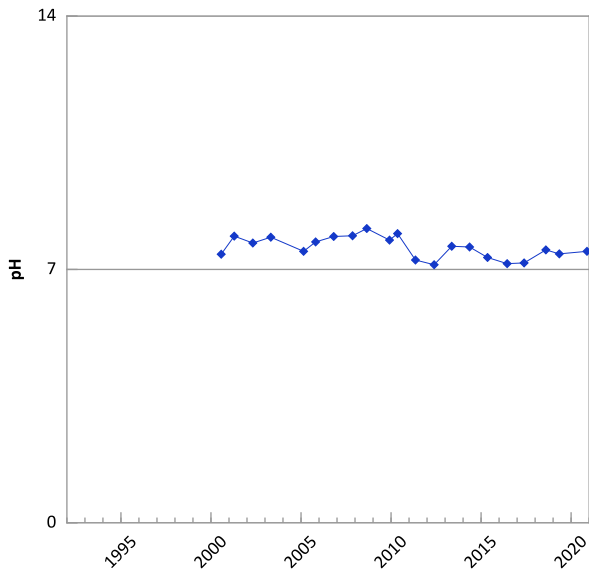
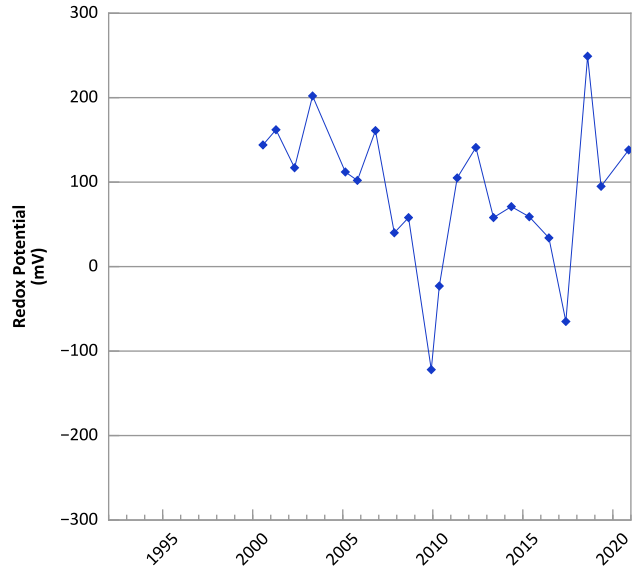
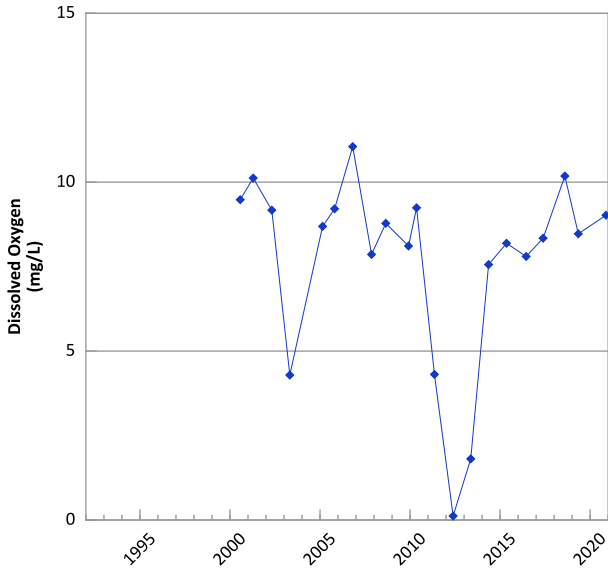
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/07/1995 to 11/18/2020
 Analysis Date: 06/03/2021

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

Well Location

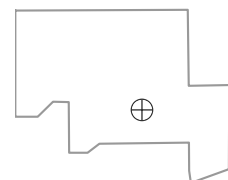


**PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



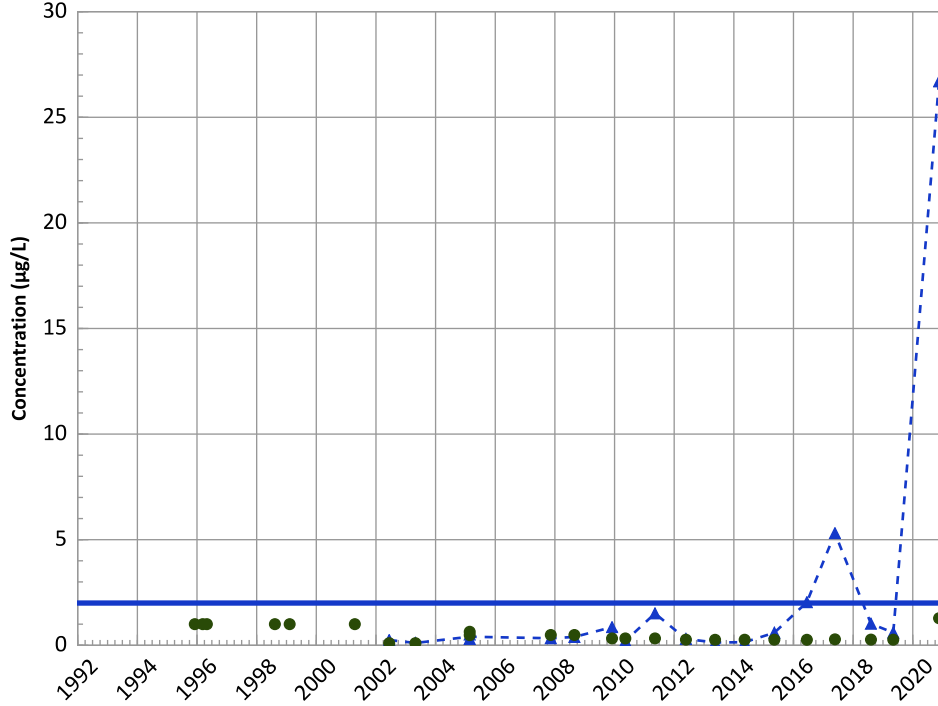
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/05/1995 to 11/18/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

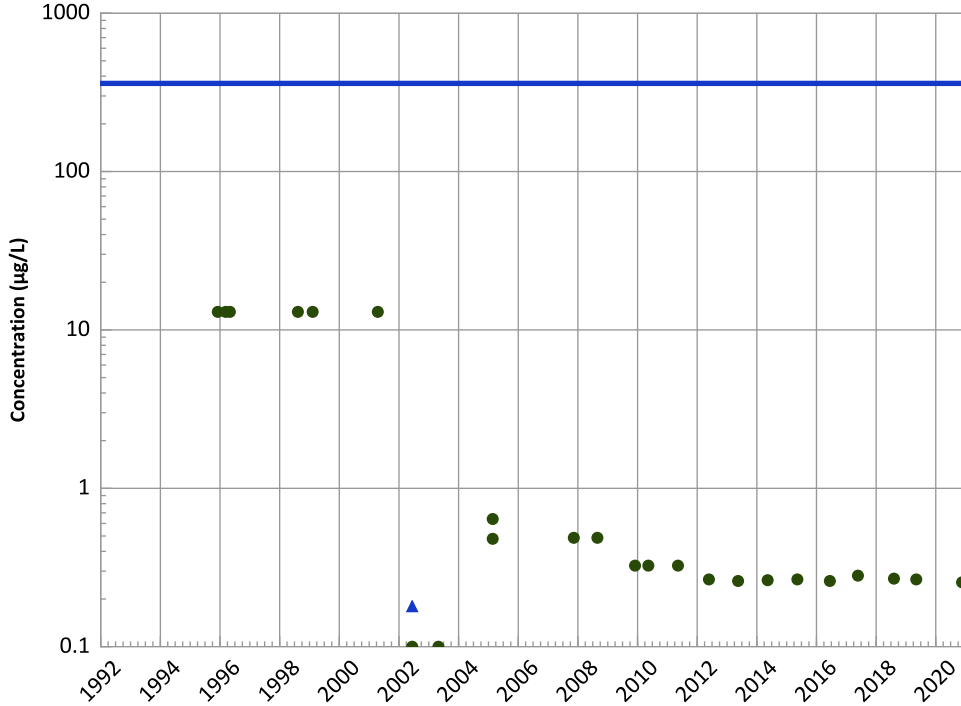
2018 - 2020 Data:

No Trend

All Data:

Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

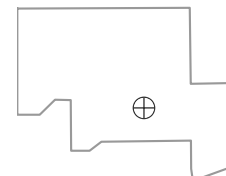
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 12/05/1995 to 11/18/2020

Analysis Date: 06/03/2021

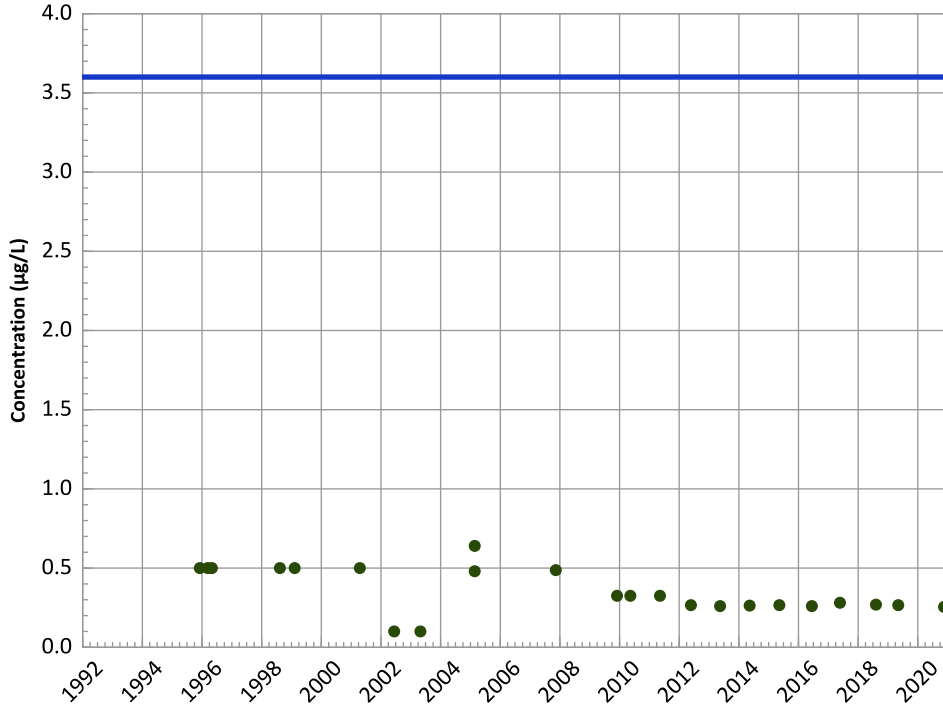
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

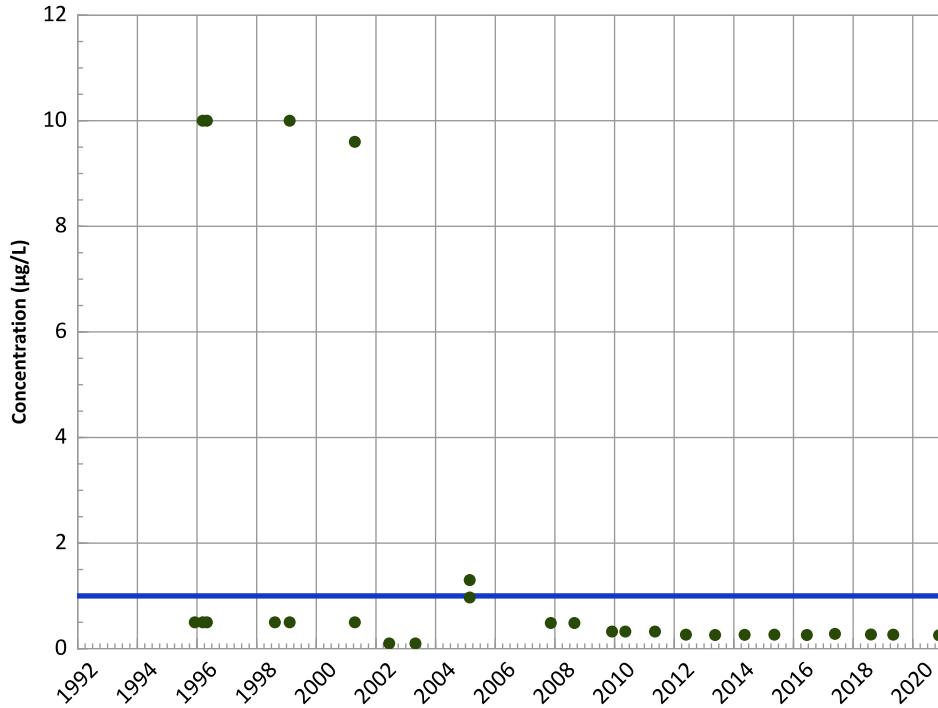
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

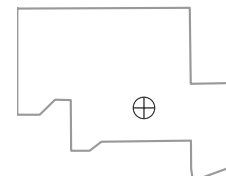
All Data:

All Non-Detect

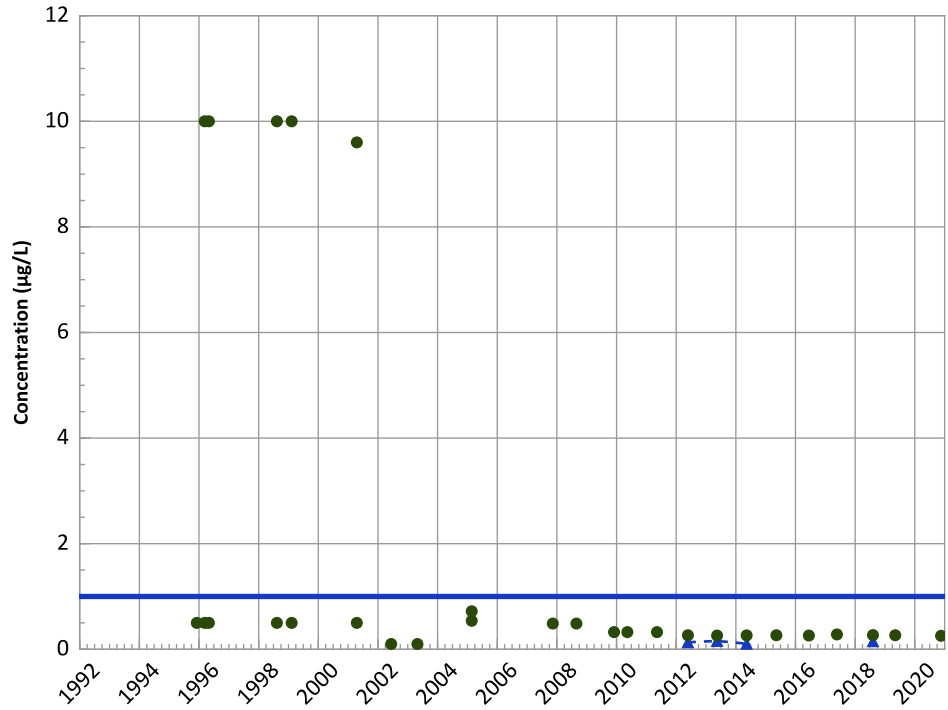
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

- ▲ 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**

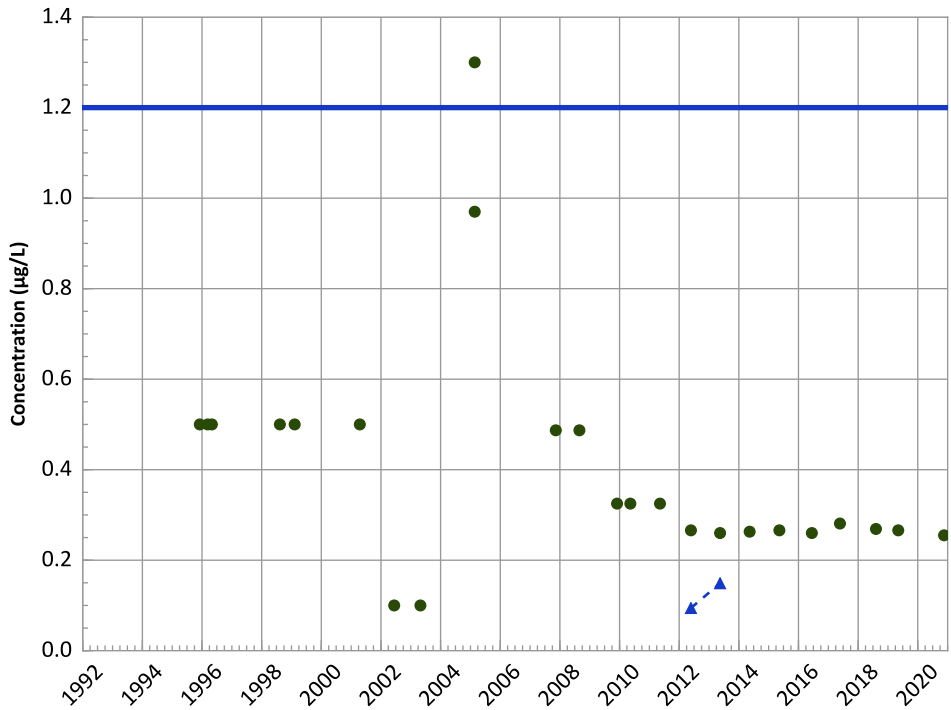


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

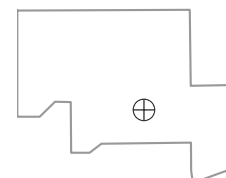
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

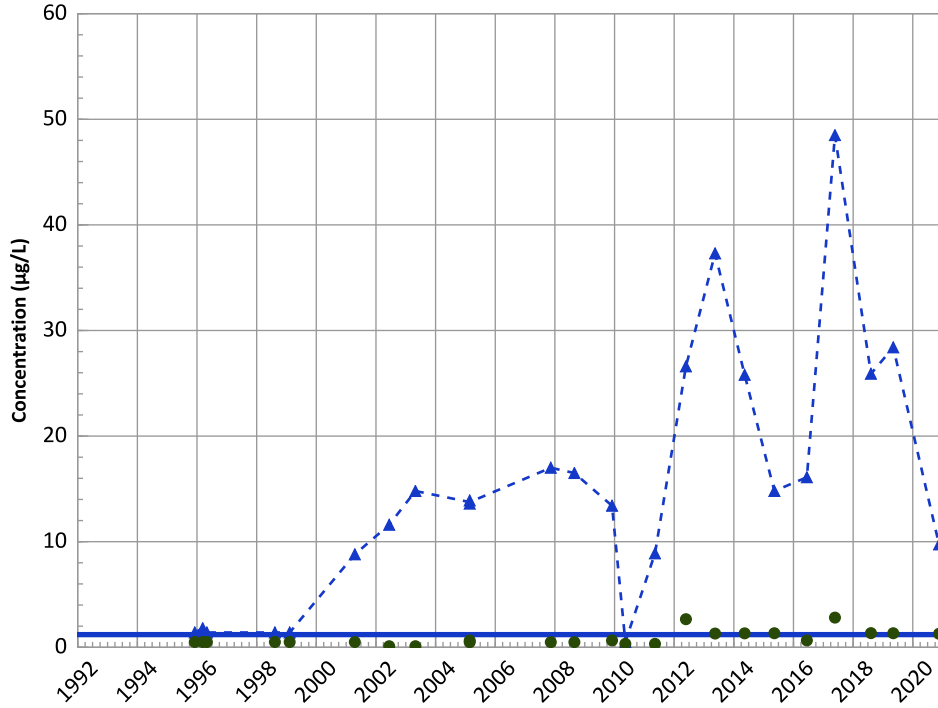
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

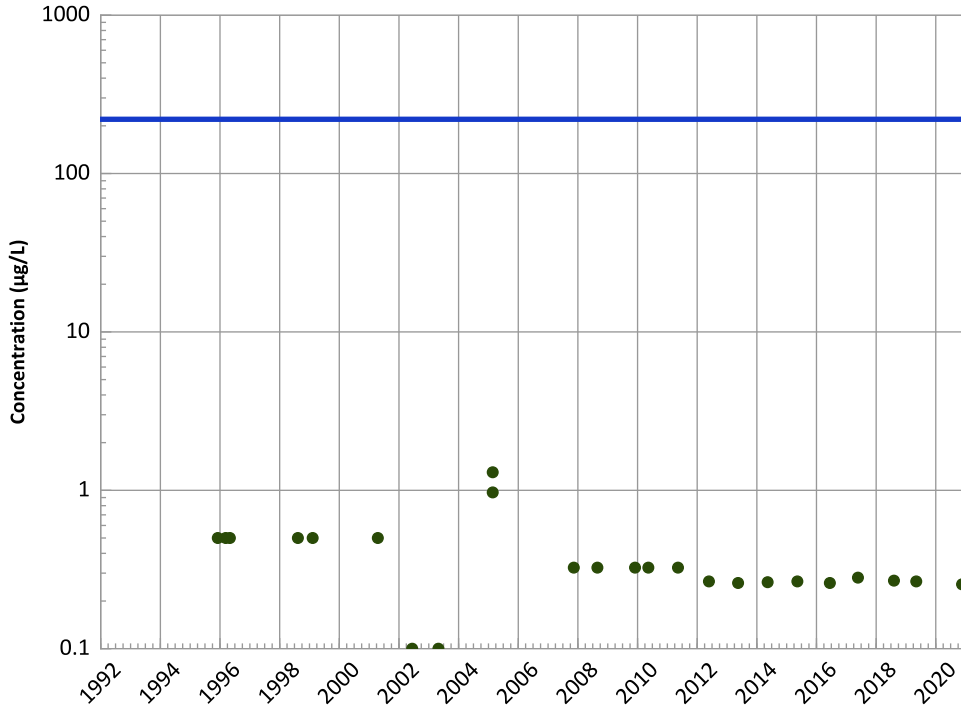
2018 - 2020 Data:

Decreasing

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

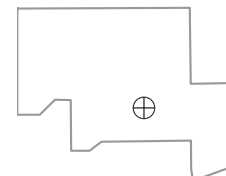
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

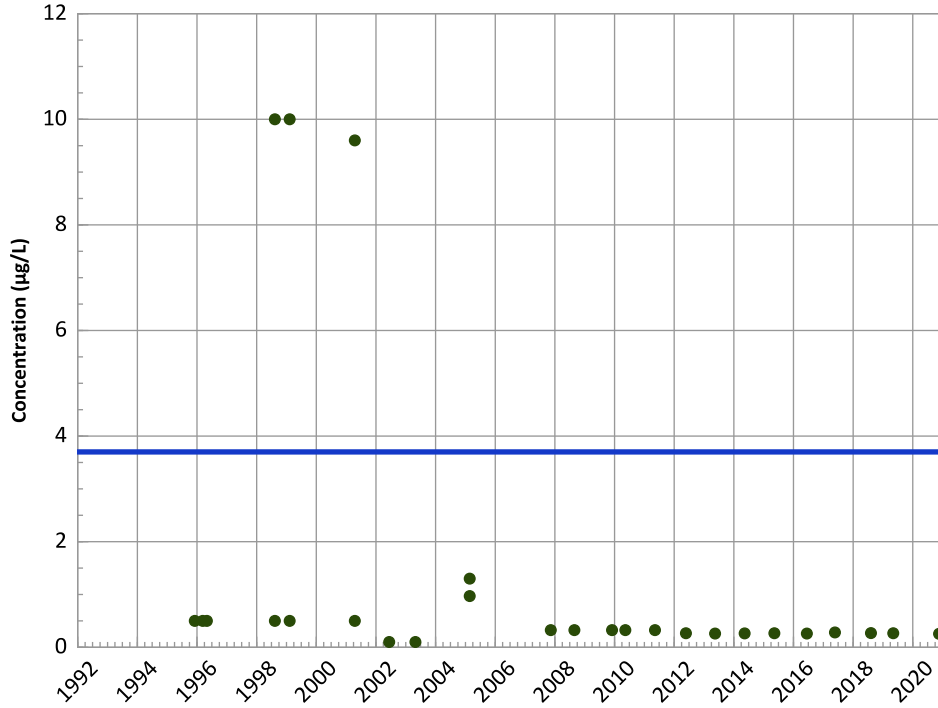
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

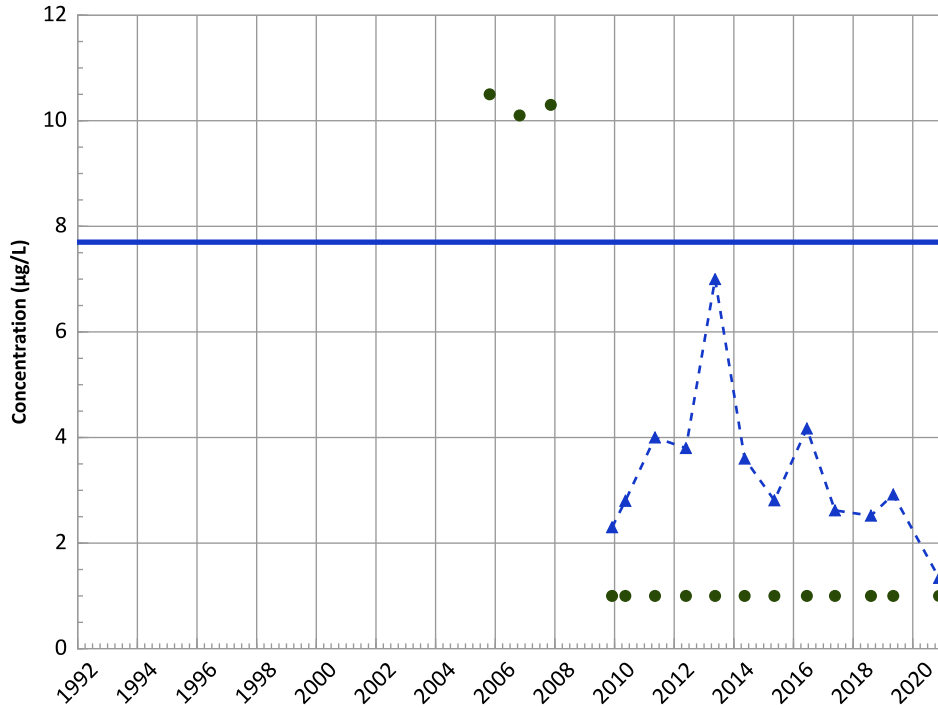
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

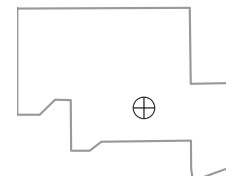
All Data:

Probably Decreasing

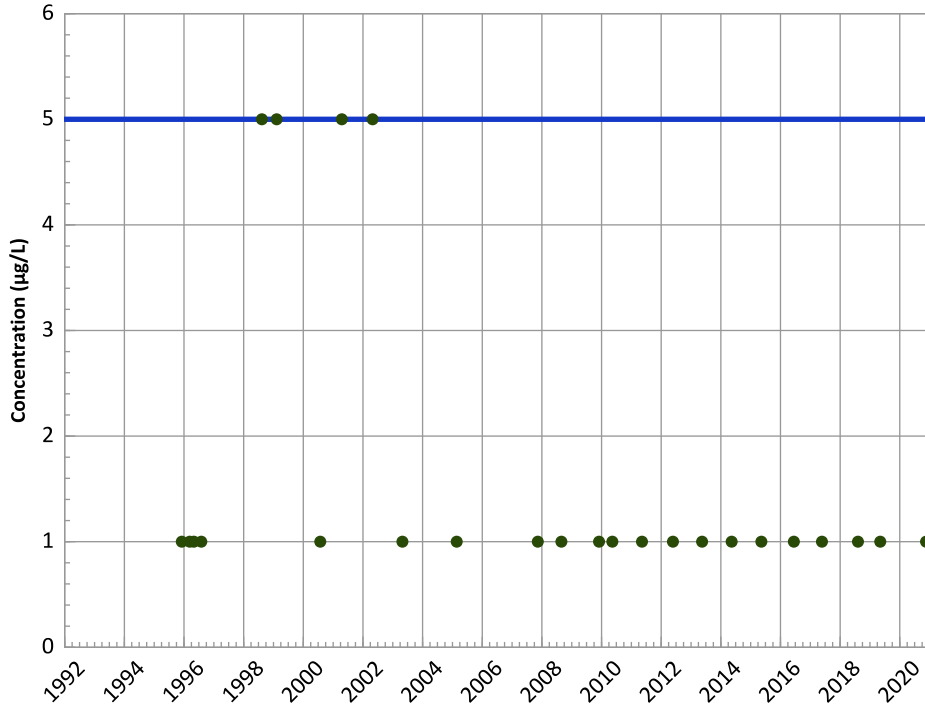
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

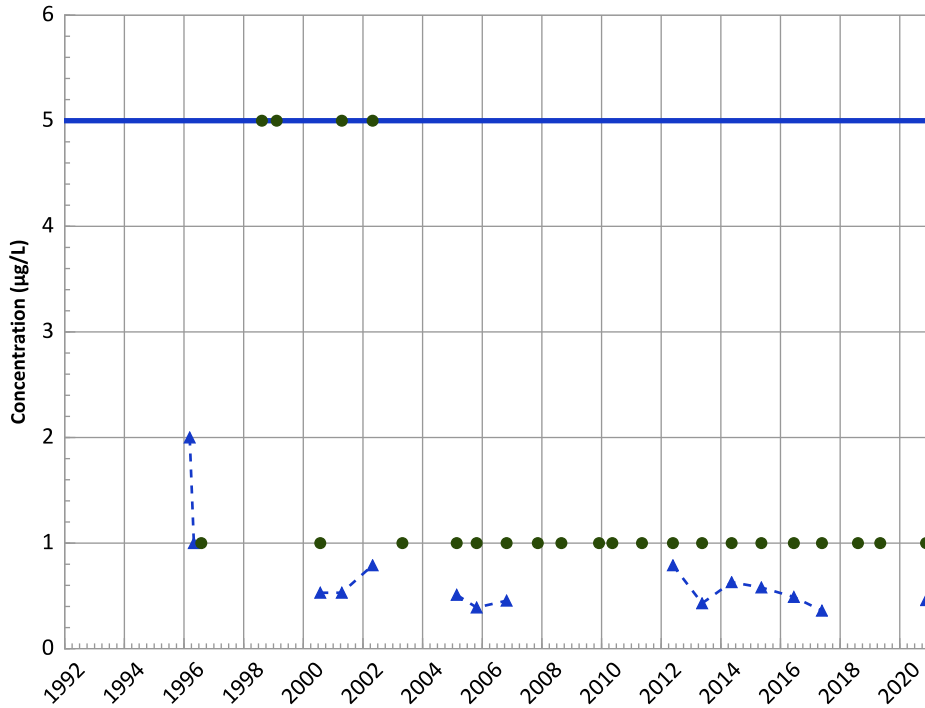
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

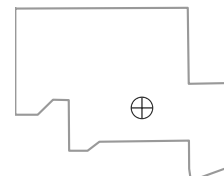
2018 - 2020 Data:

Stable

All Data:

Decreasing

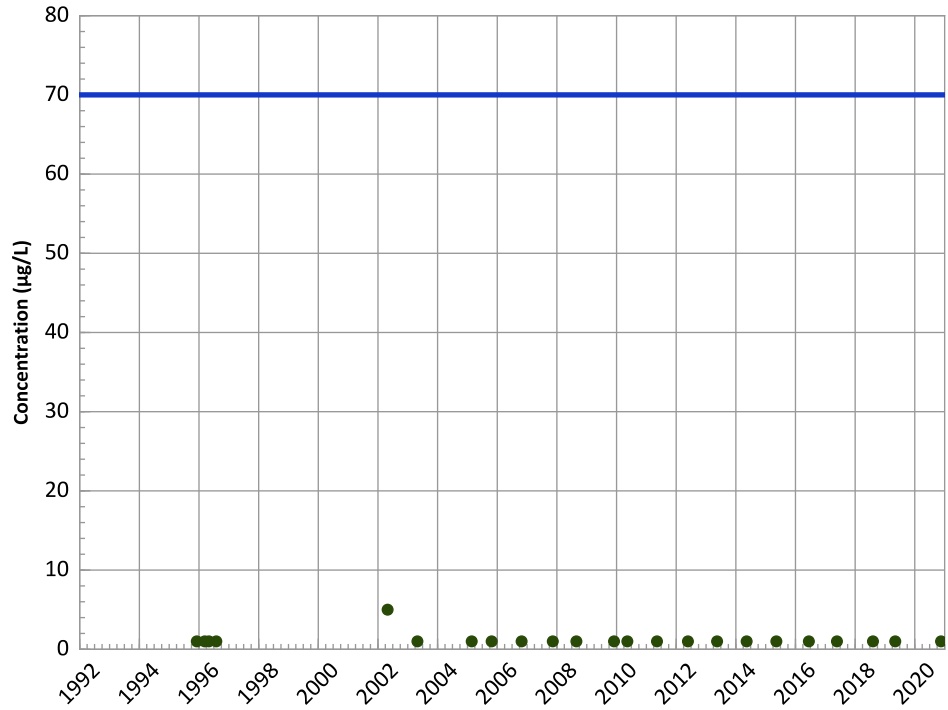
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

**PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

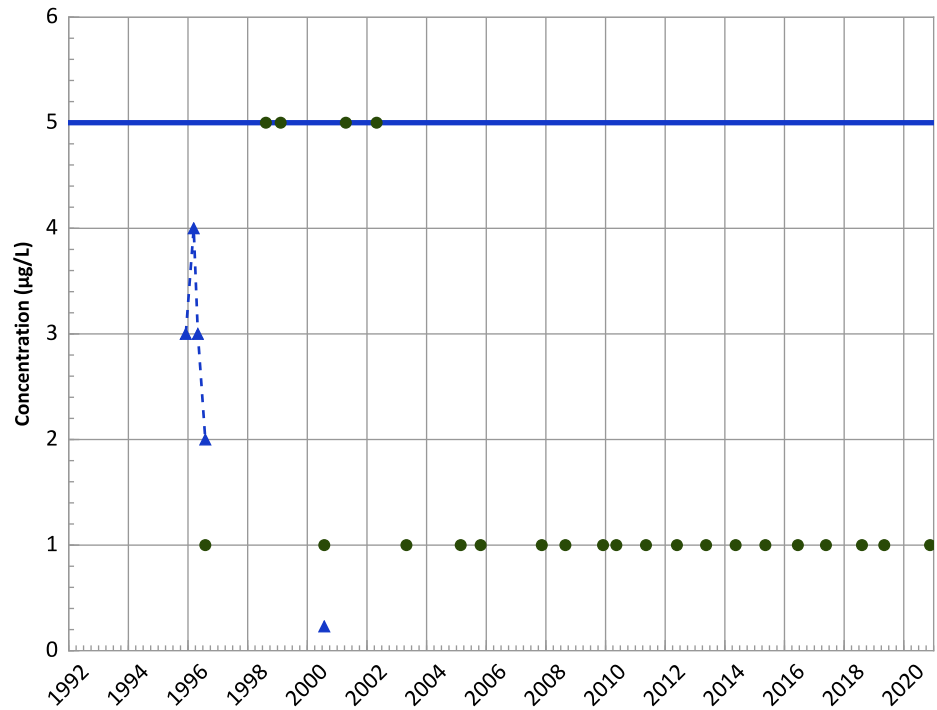
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
Decreasing

All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

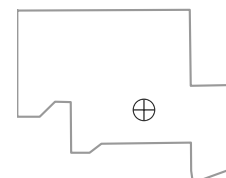
All Data:
Decreasing

All Data:
Decreasing

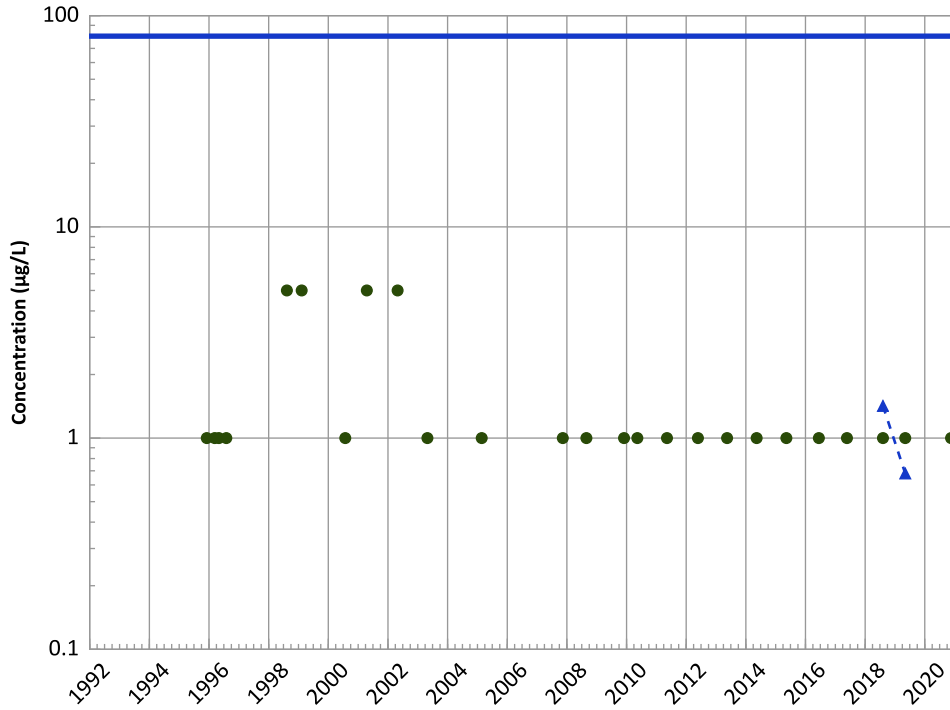
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend

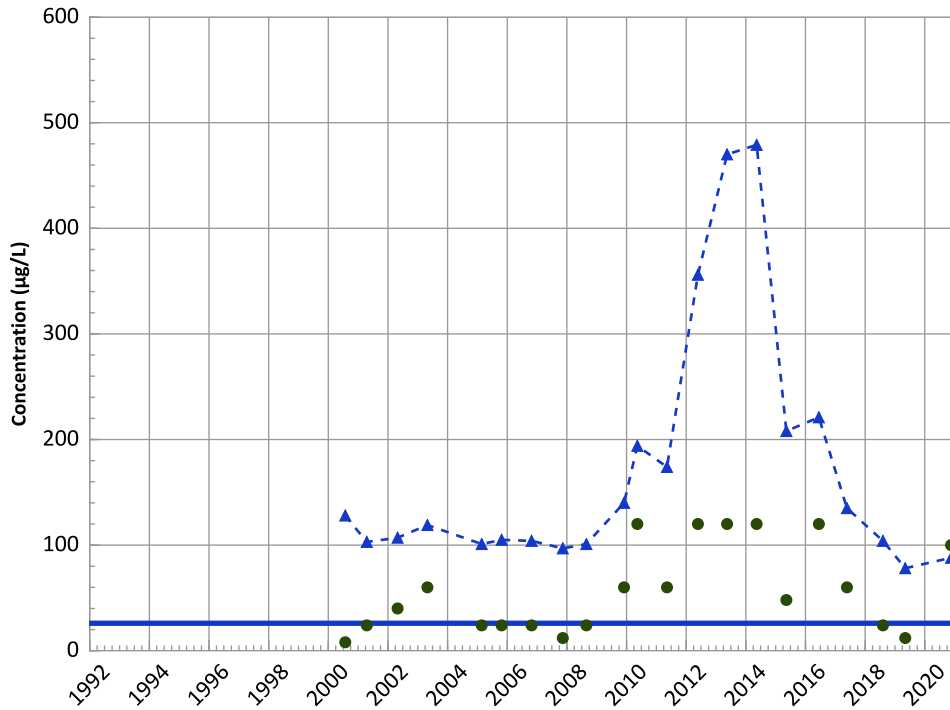


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

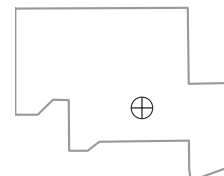
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

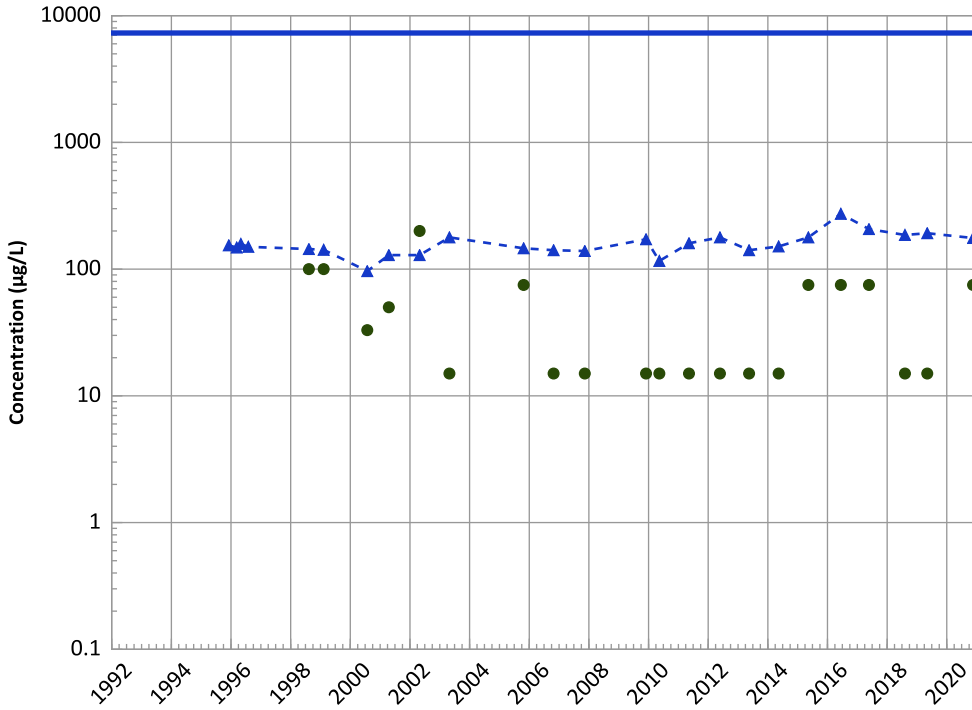
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

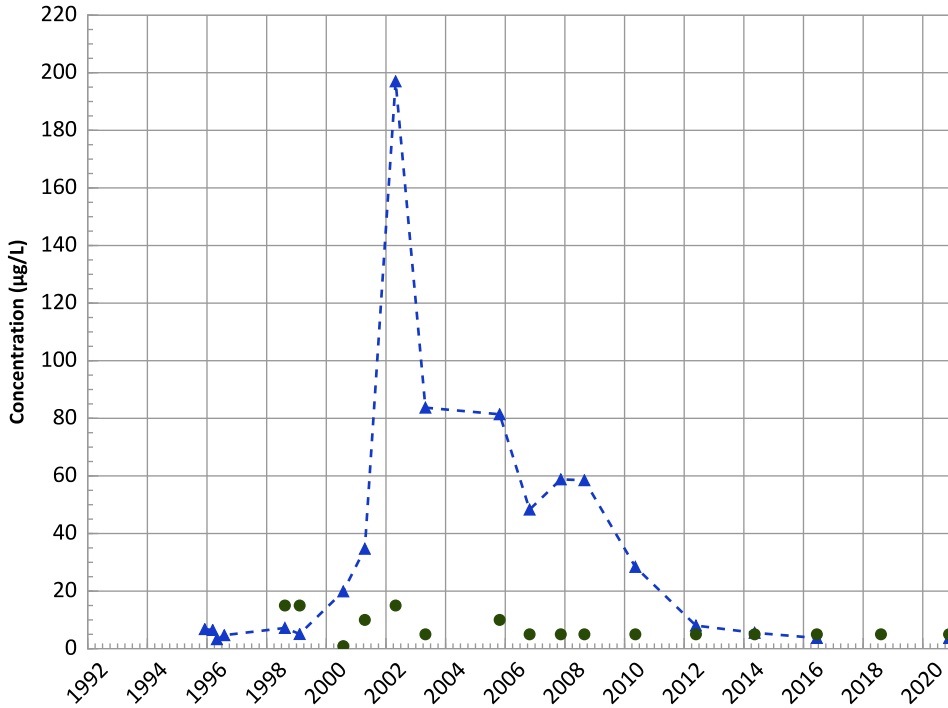
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

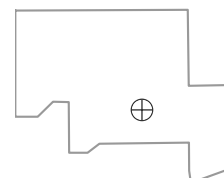
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

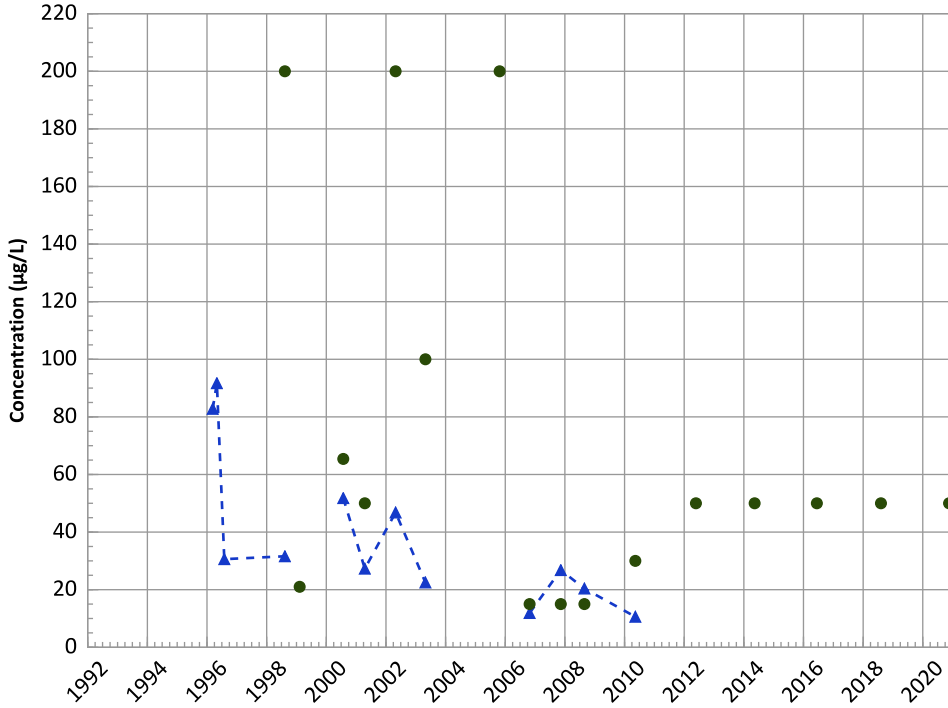
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

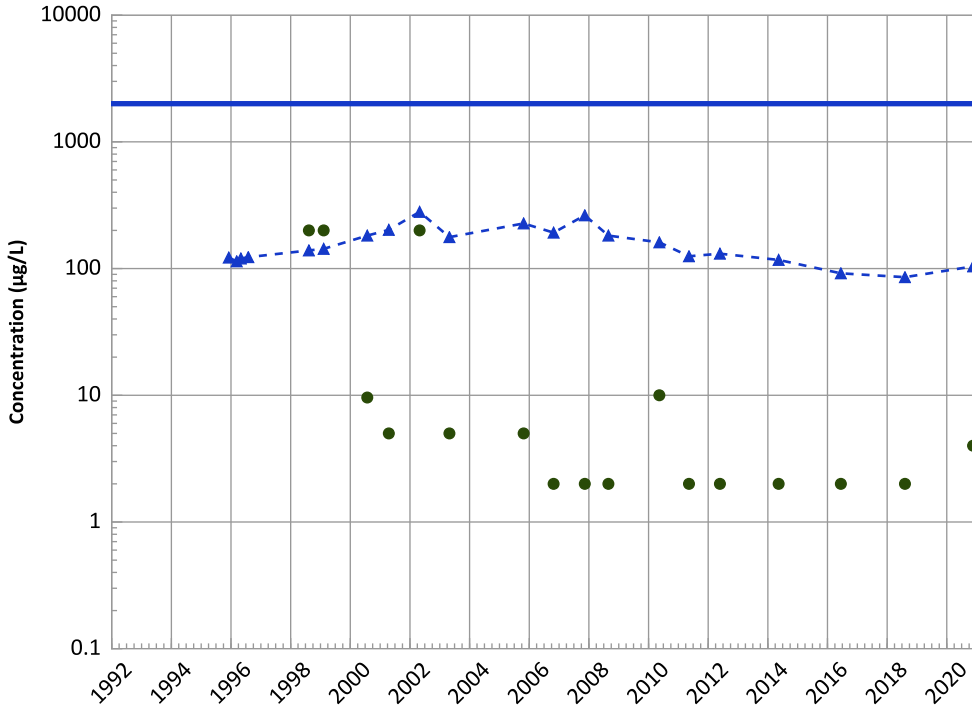
2018 - 2020 Data:

Stable

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

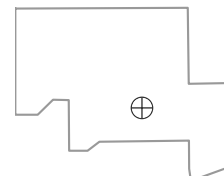
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

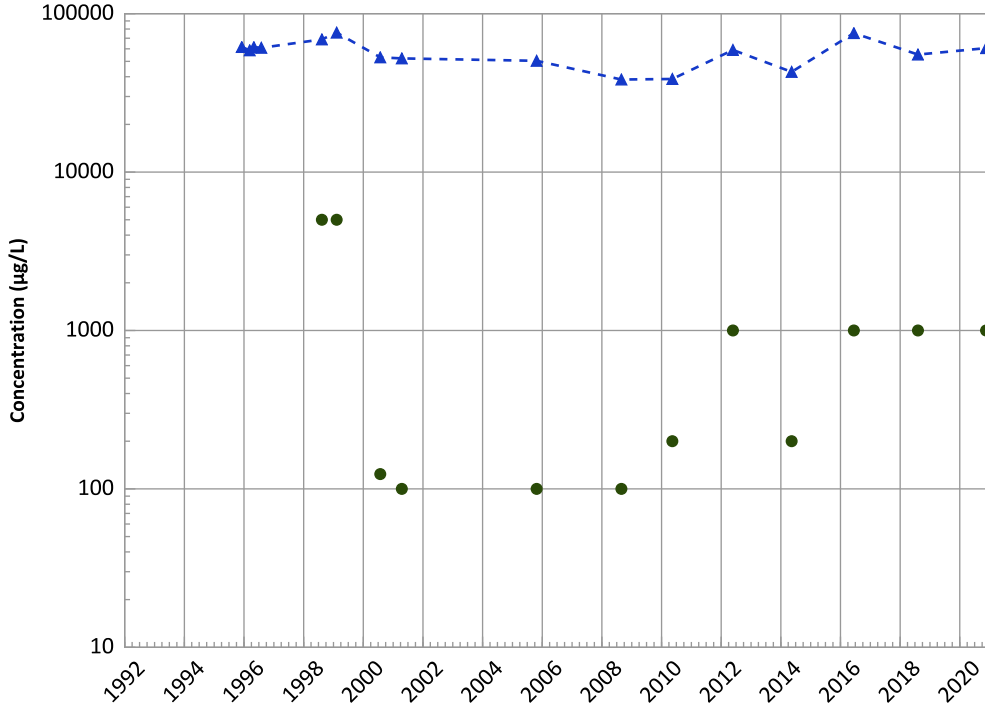
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

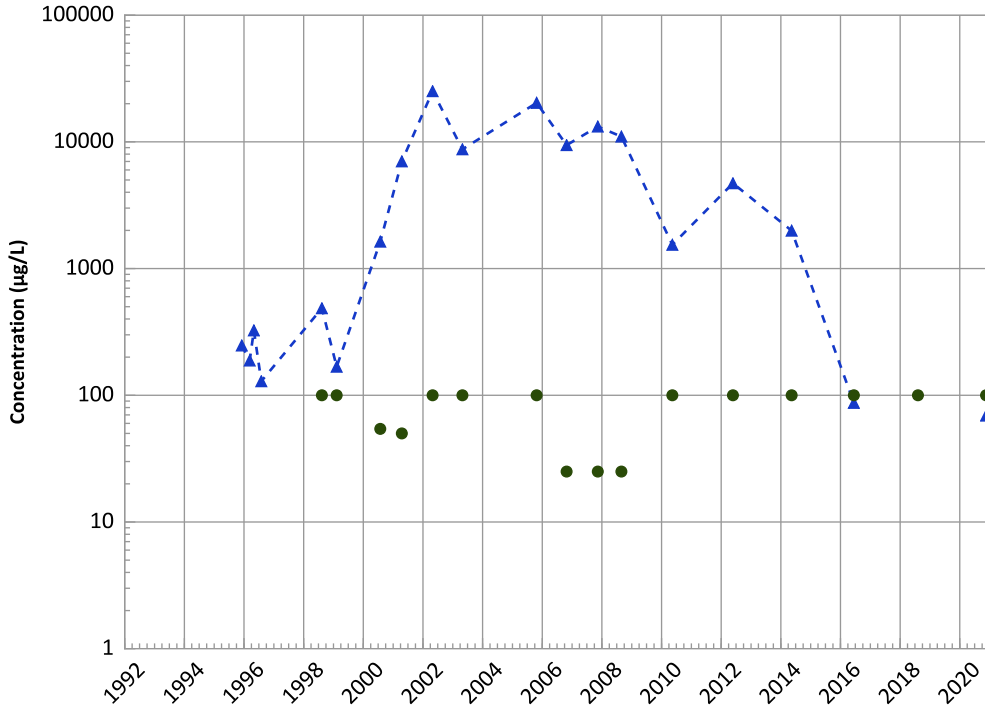
2018 - 2020 Data:

No Trend

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

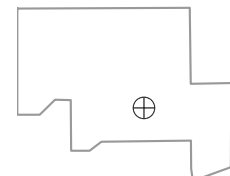
2018 - 2020 Data:

Decreasing

All Data:

No Trend

Well Location

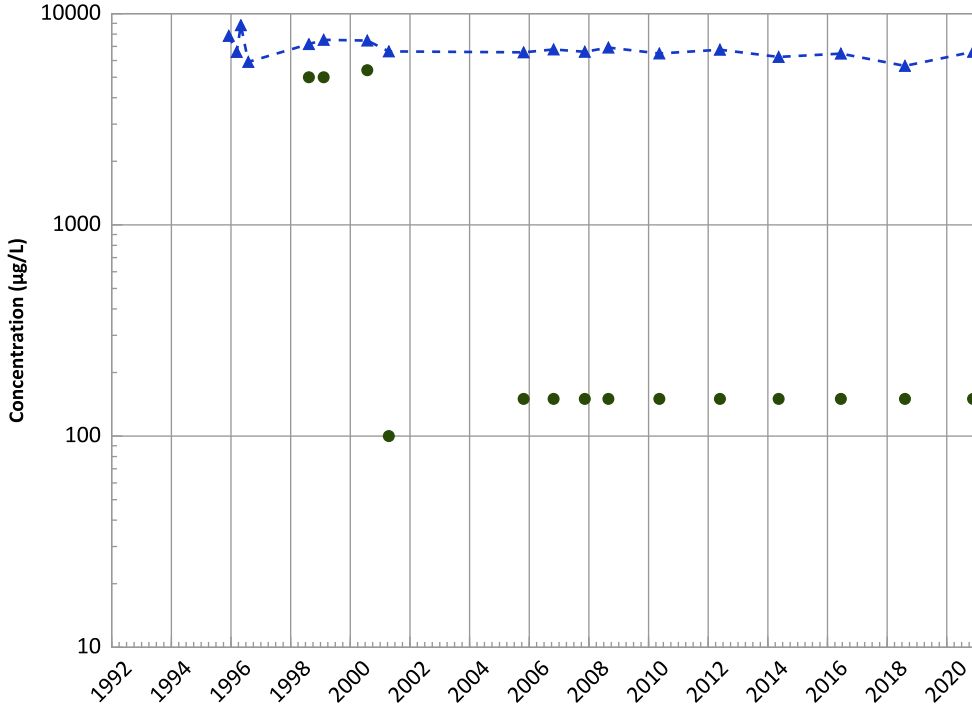


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

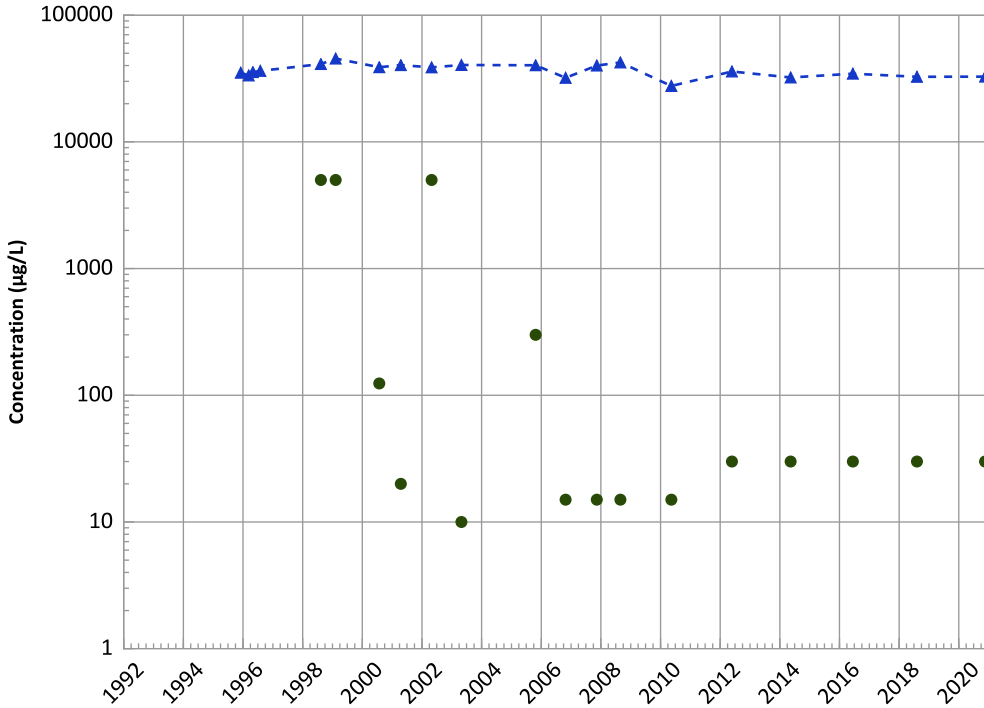
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

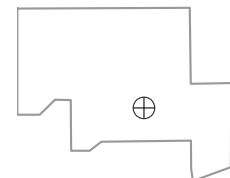
All Data:

Decreasing

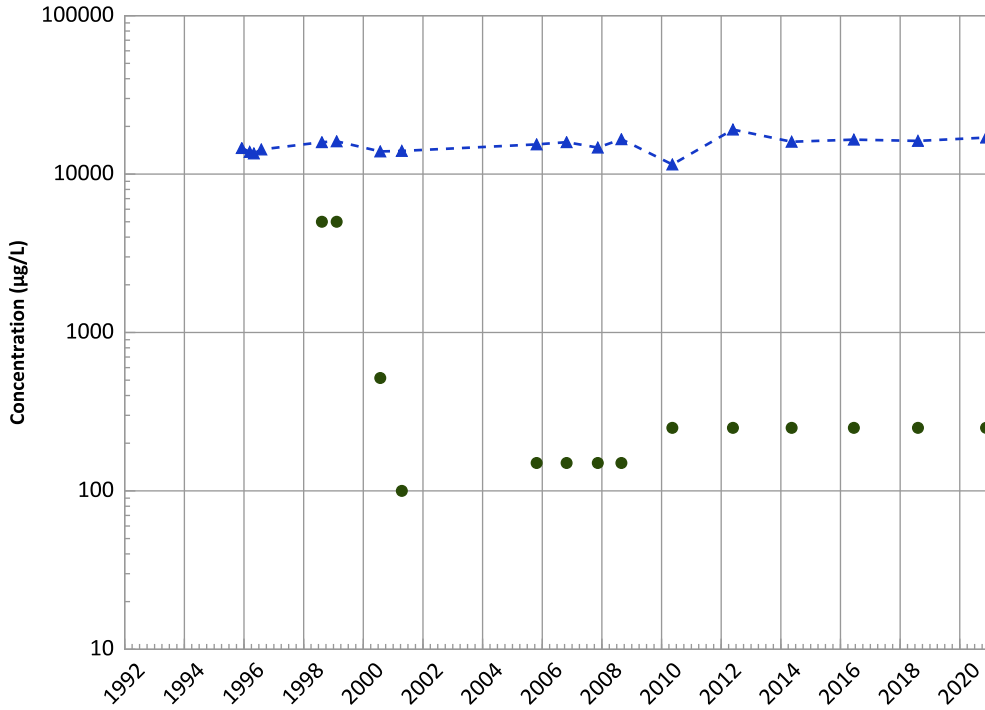
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/05/1995 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1007 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

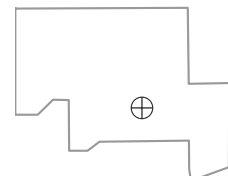
All Data:

Increasing

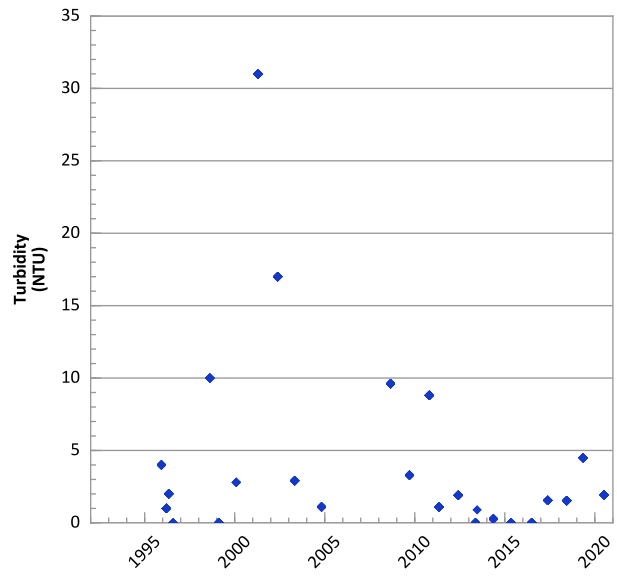
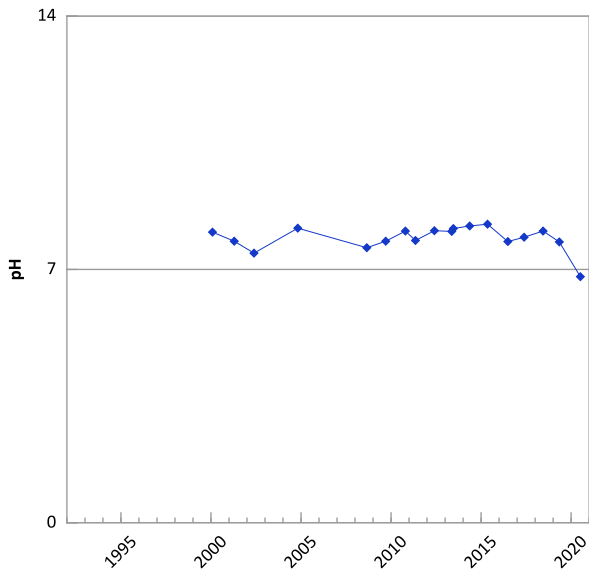
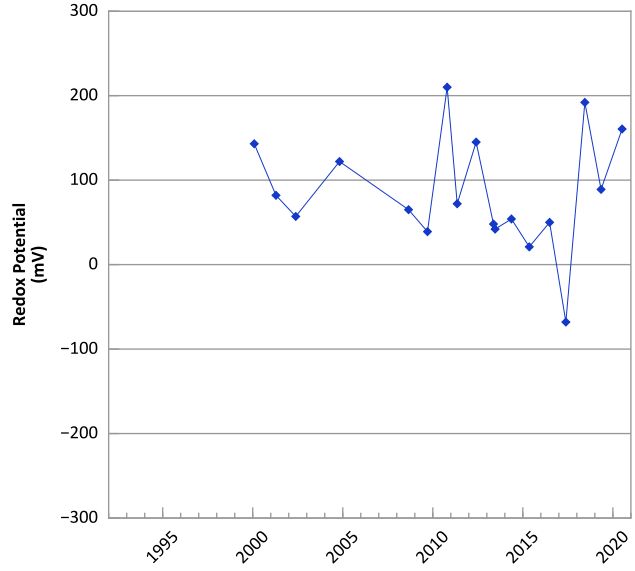
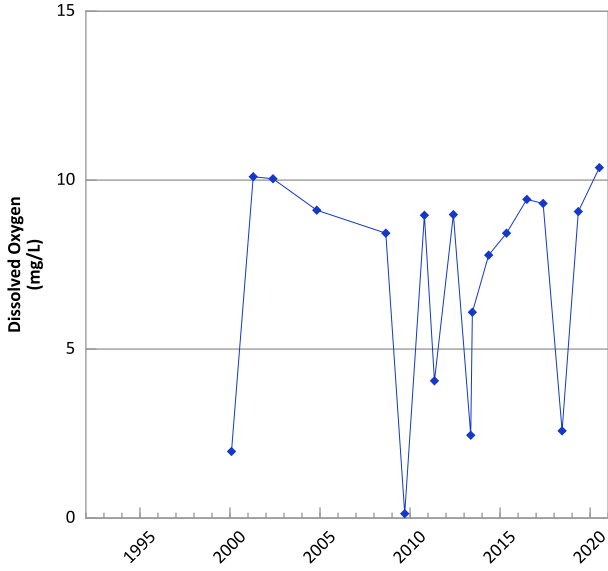
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/05/1995 to 11/18/2020
 Analysis Date: 06/03/2021

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

Well Location

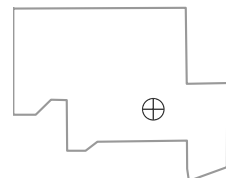


**PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



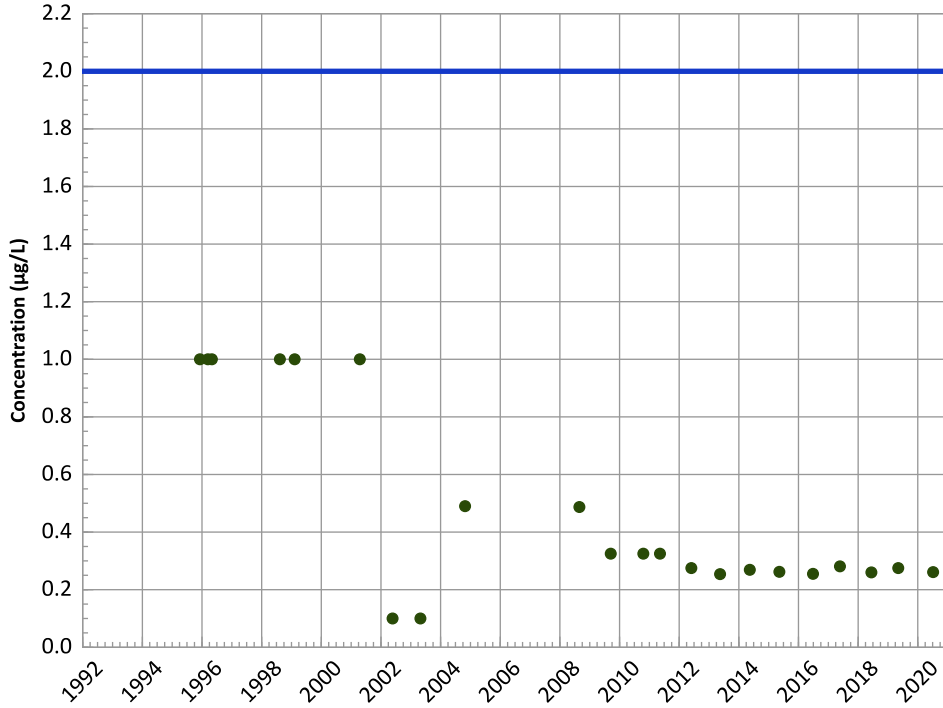
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/07/1995 to 07/07/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

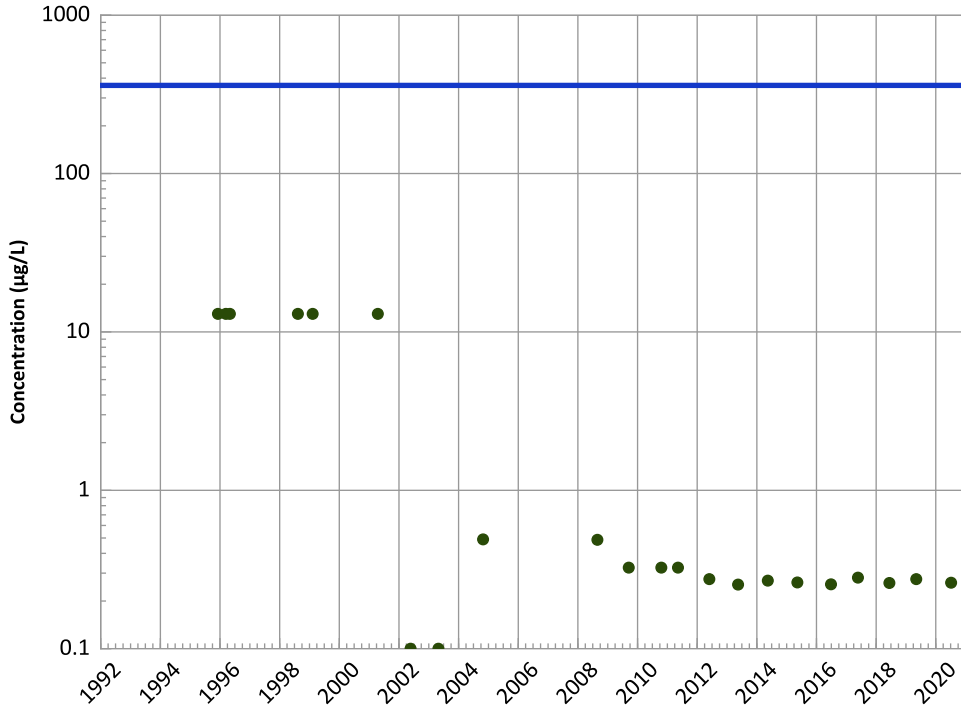
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

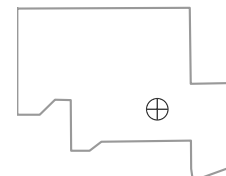
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

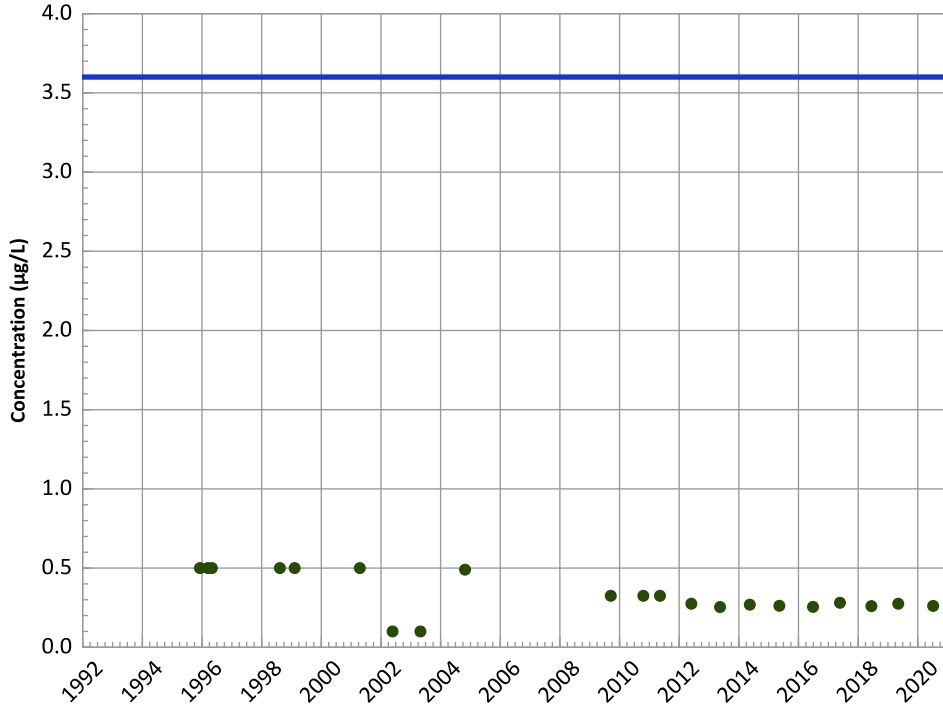
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

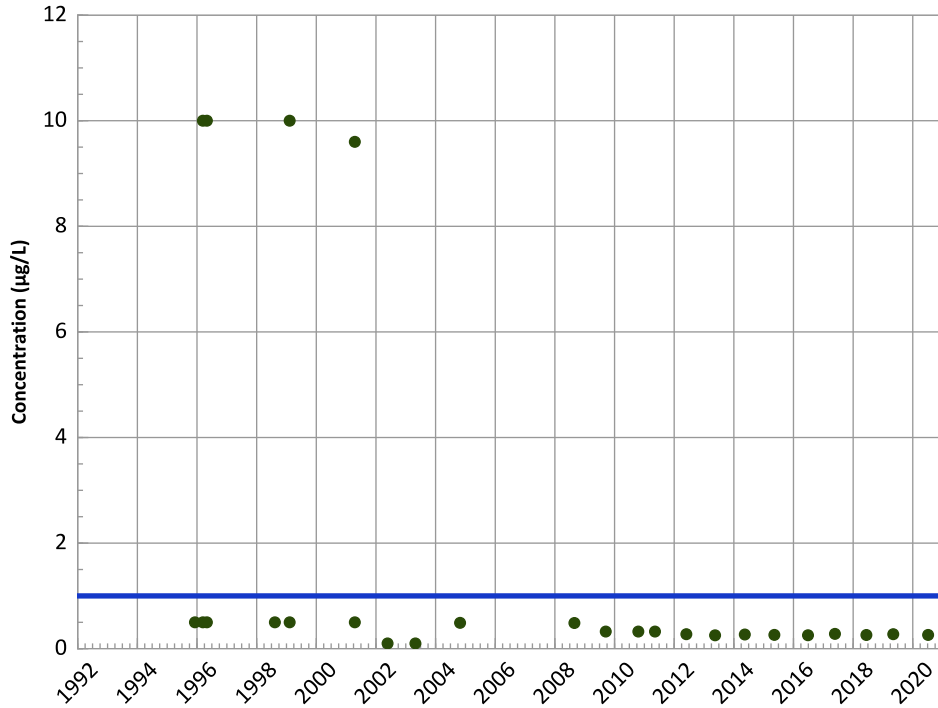
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

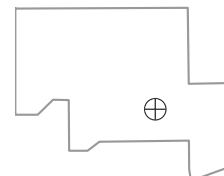
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

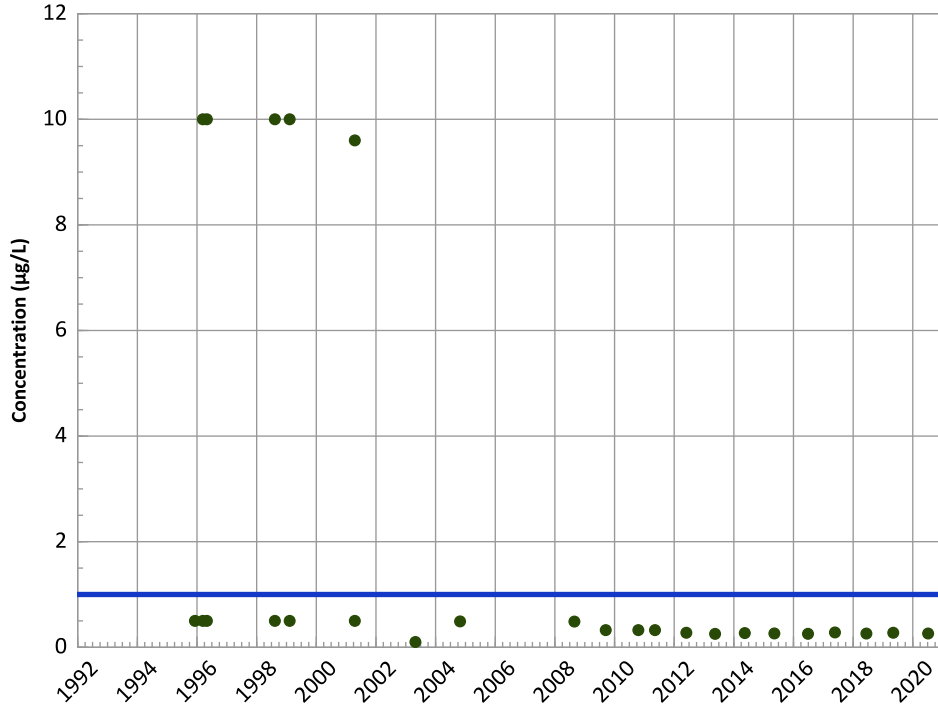
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

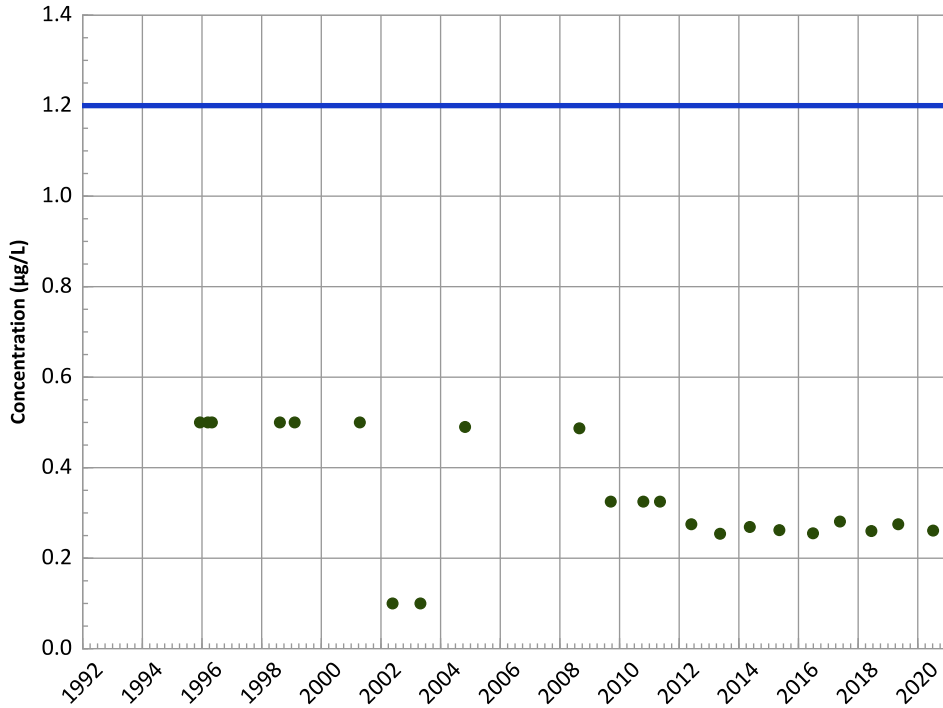
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

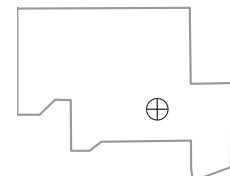
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

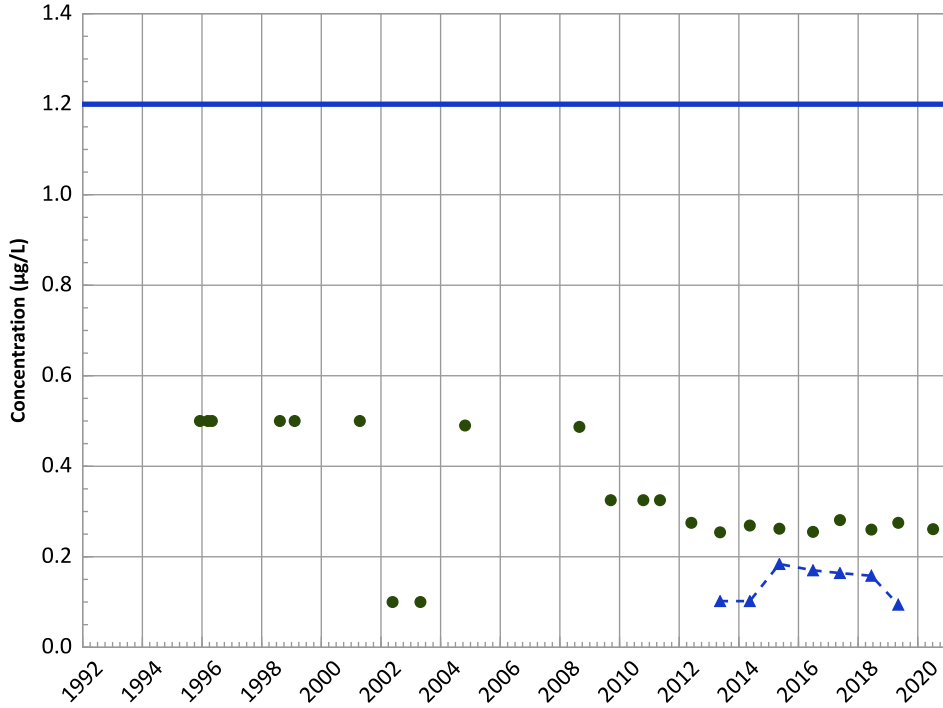


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

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

PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

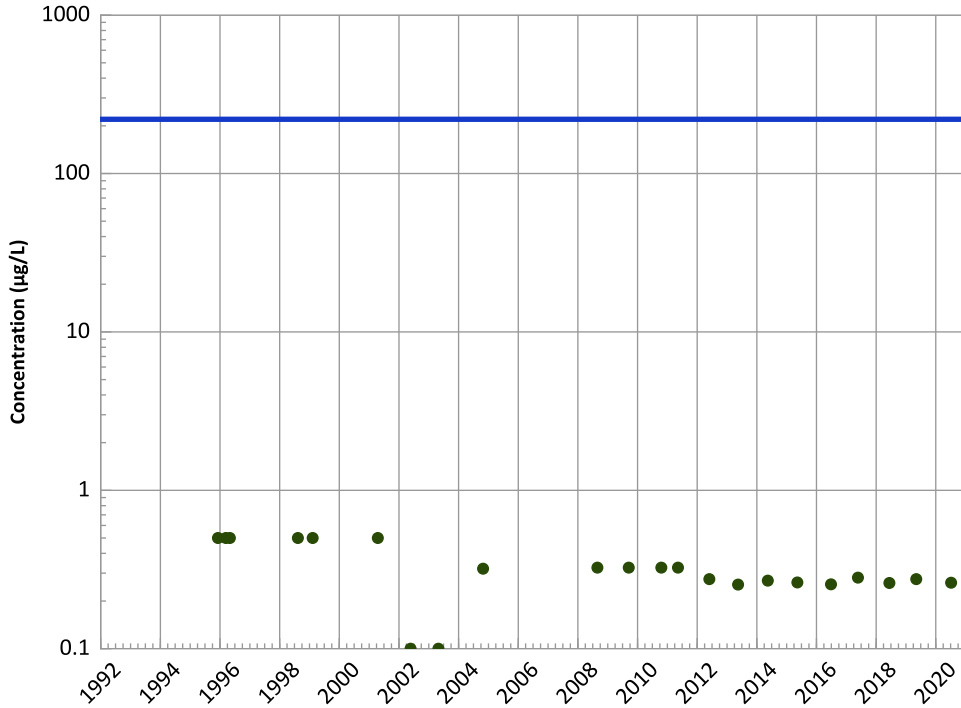


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

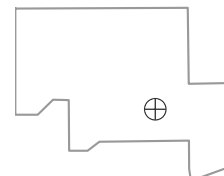
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

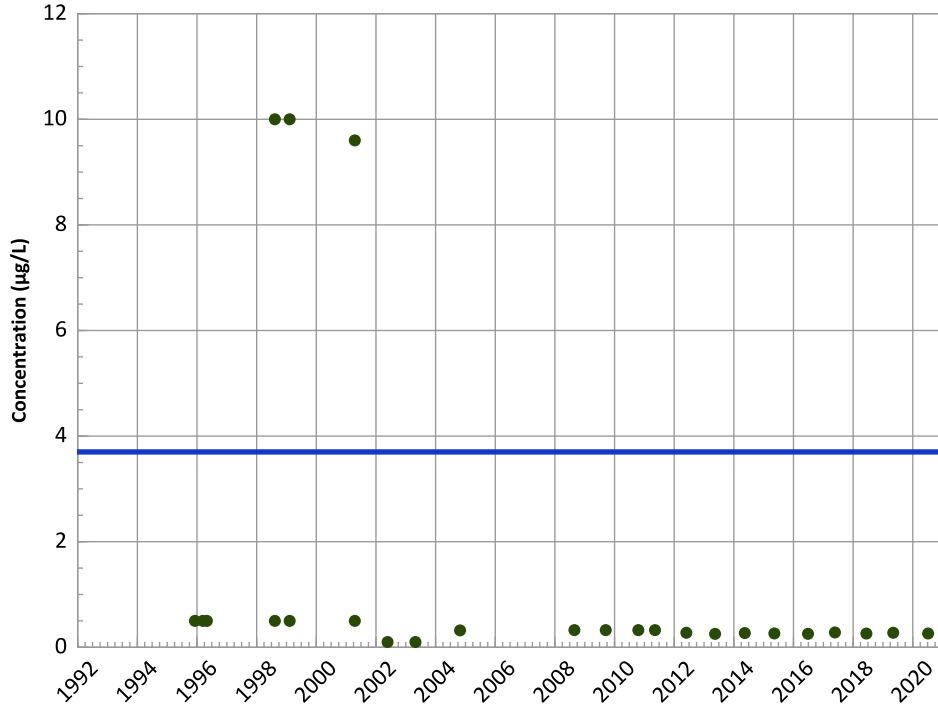
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

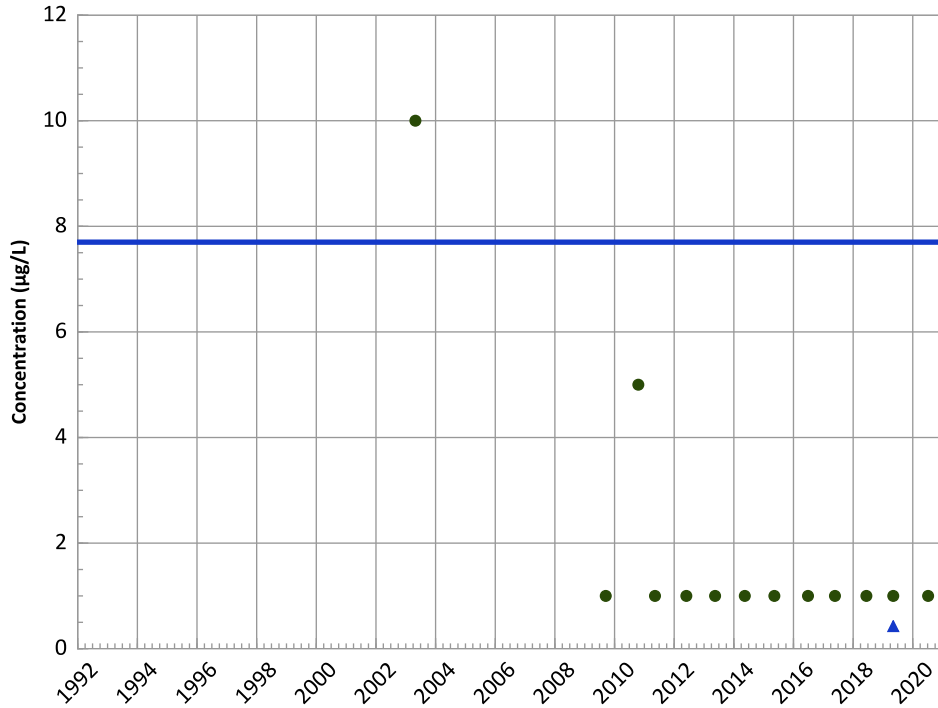
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

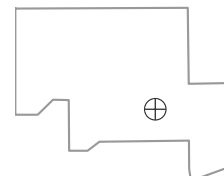
All Data:

N/A (<4 Detections in Dataset)

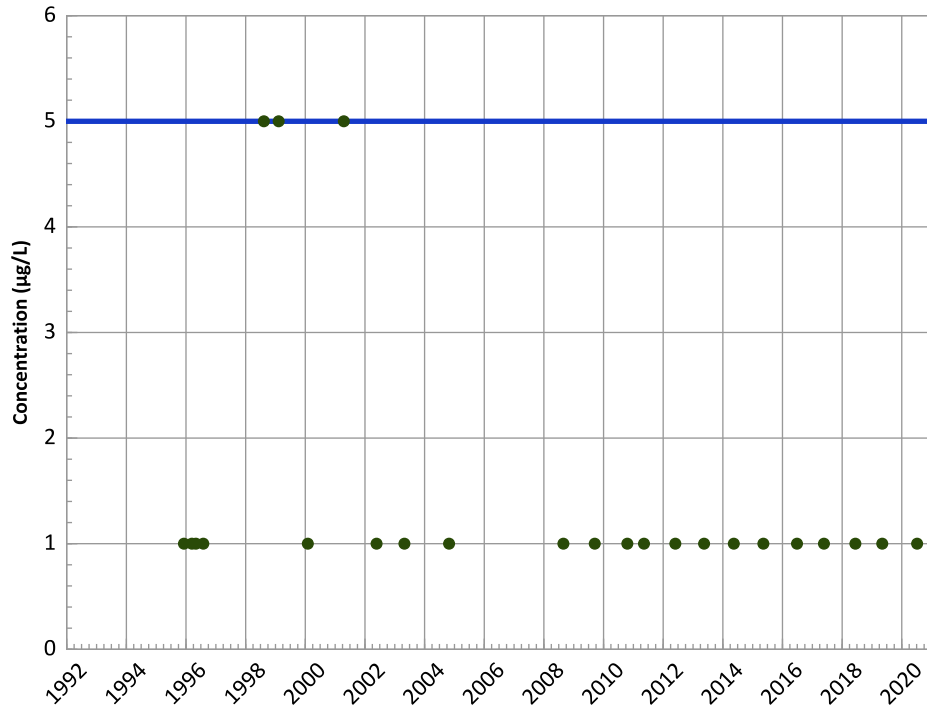
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

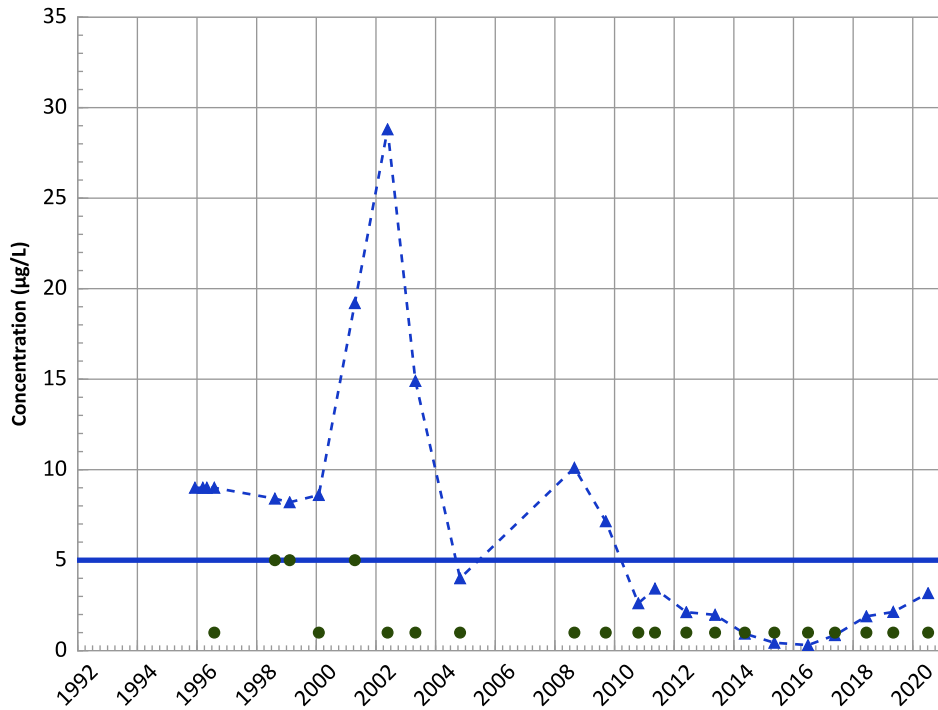
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

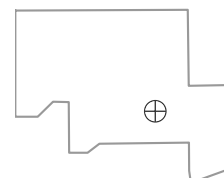
All Data:

Decreasing

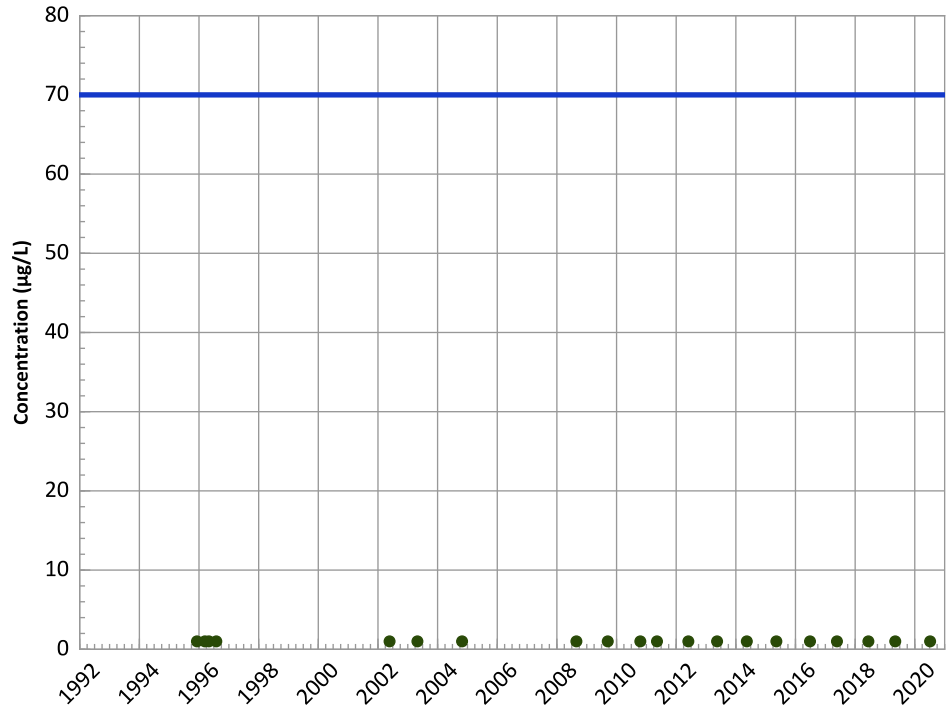
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

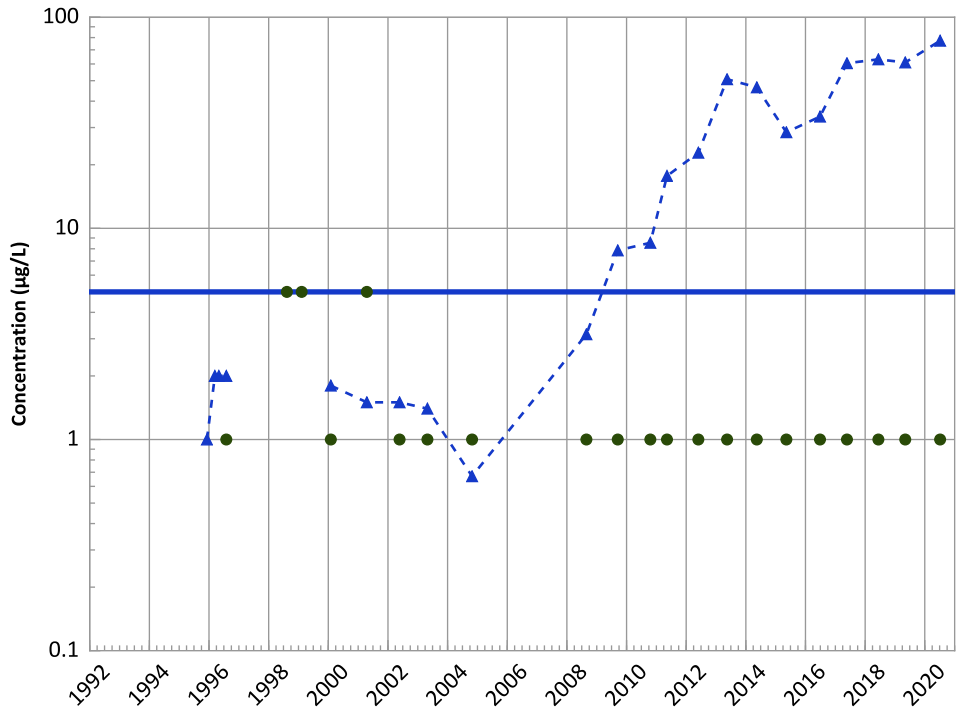
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

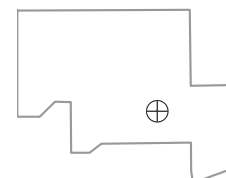
All Data:

Increasing

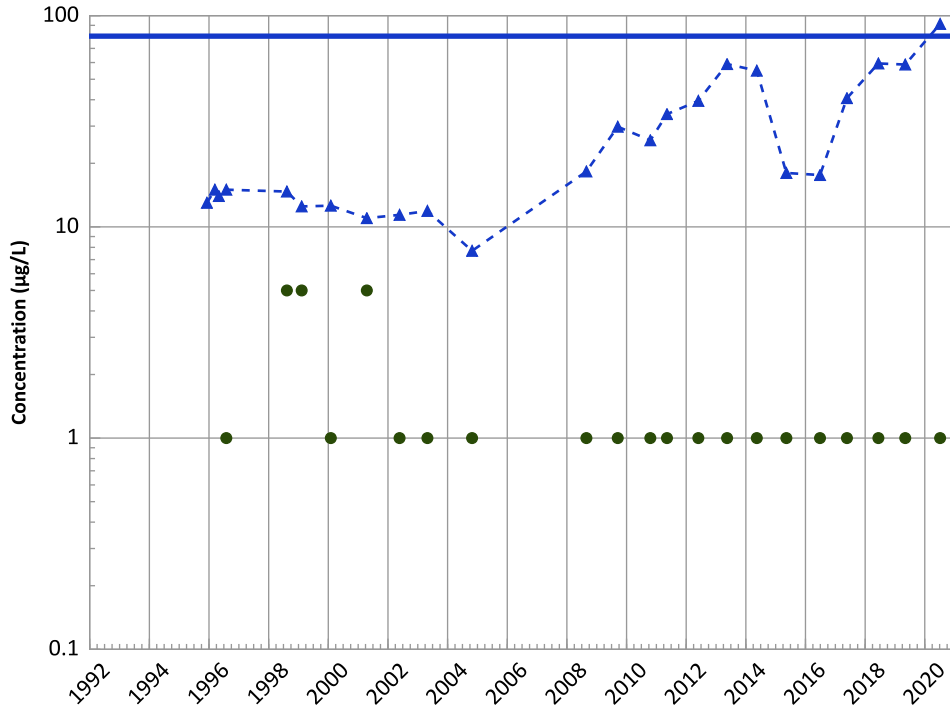
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

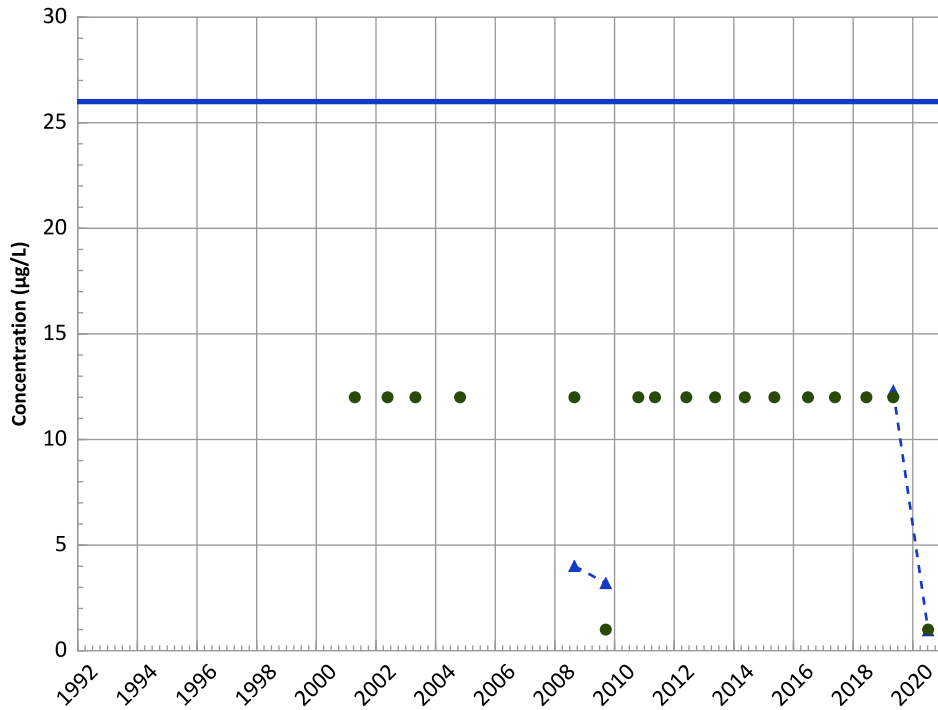


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

Perchlorate Trend

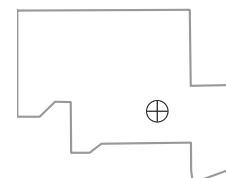


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Well Location

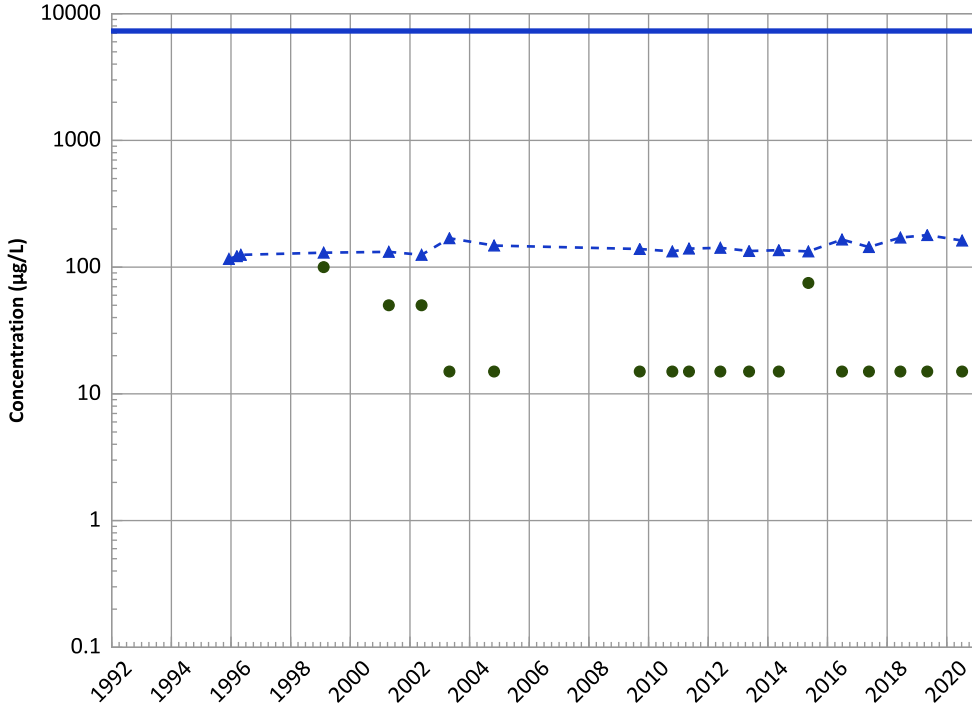


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

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

PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

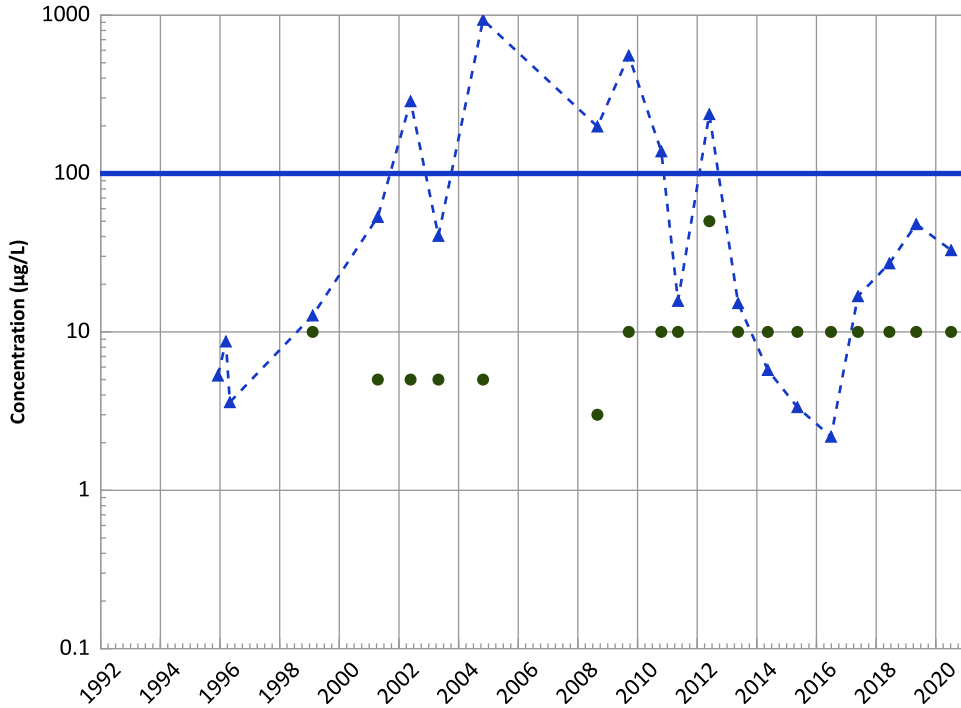
2018 - 2020 Data:

Increasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

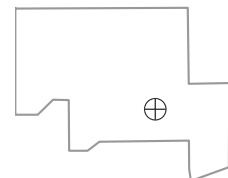
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

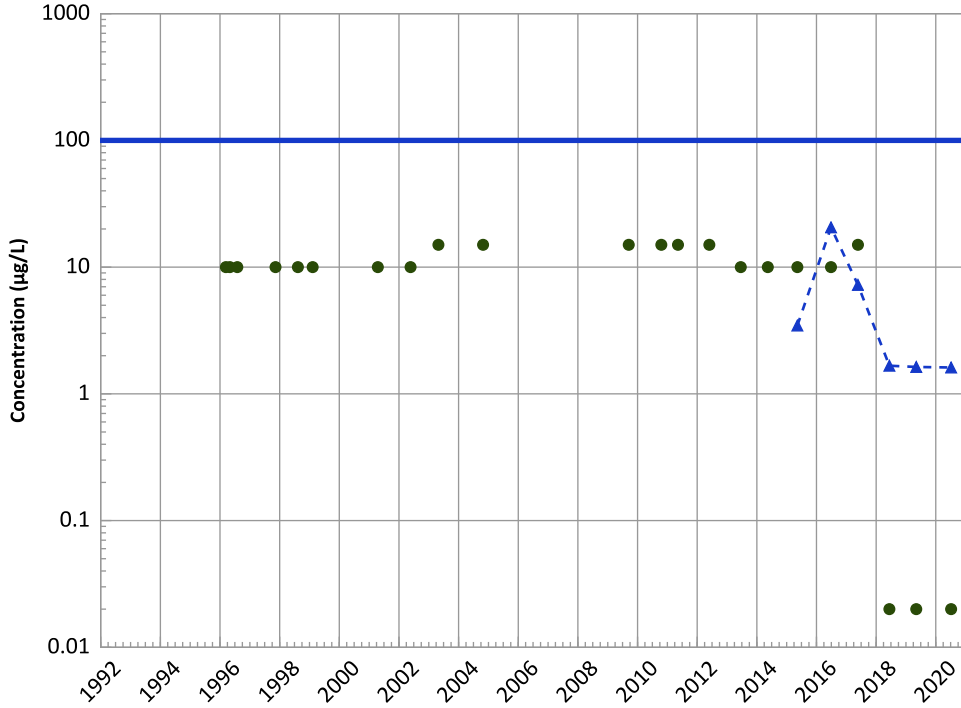
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

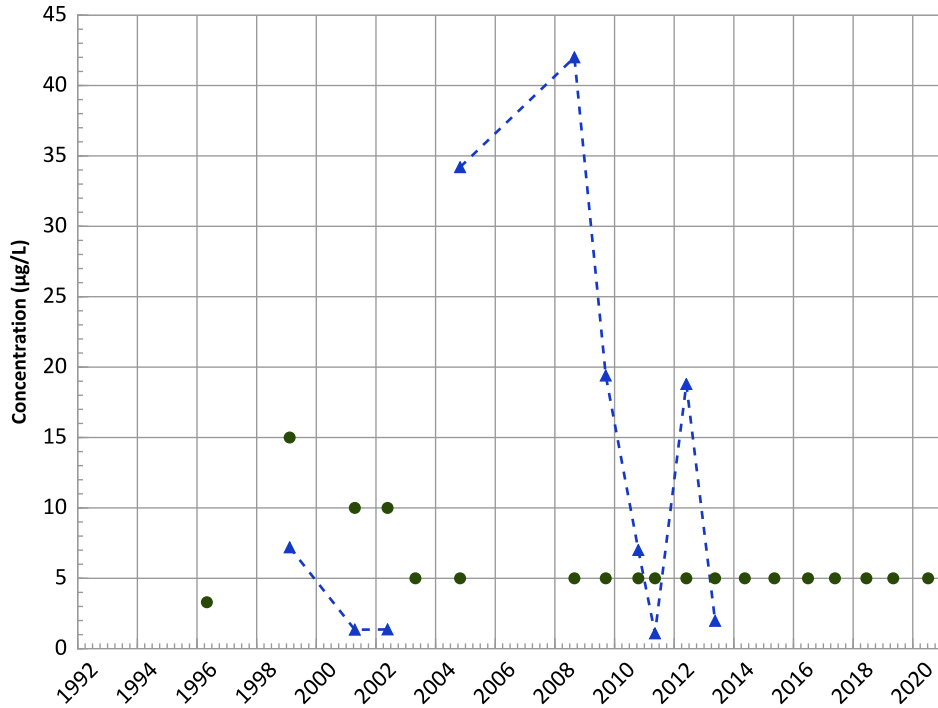
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

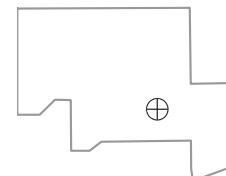
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

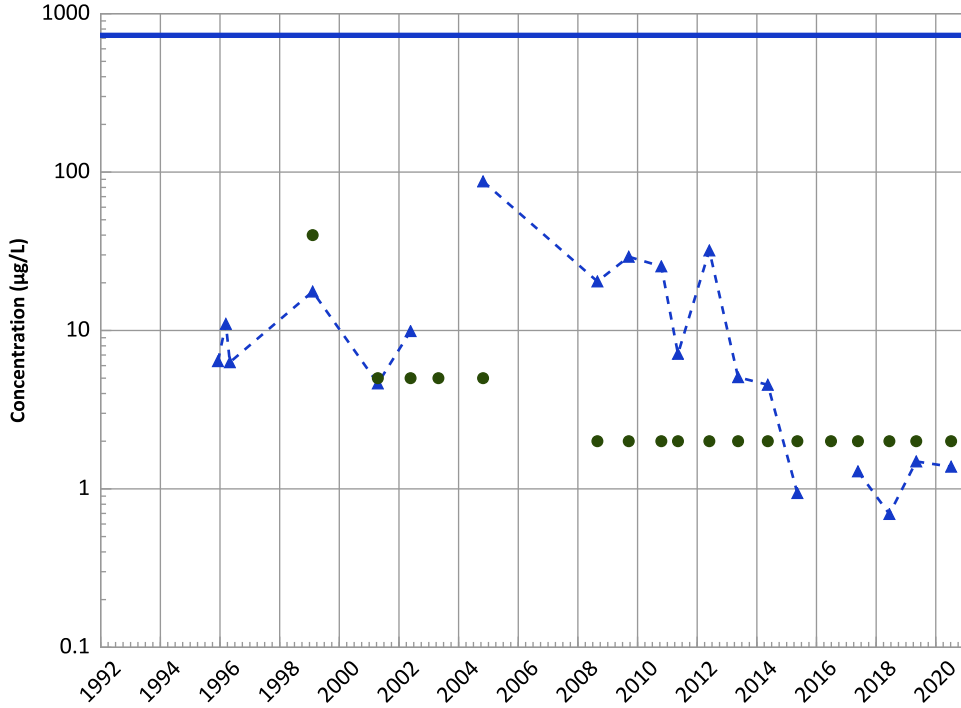
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

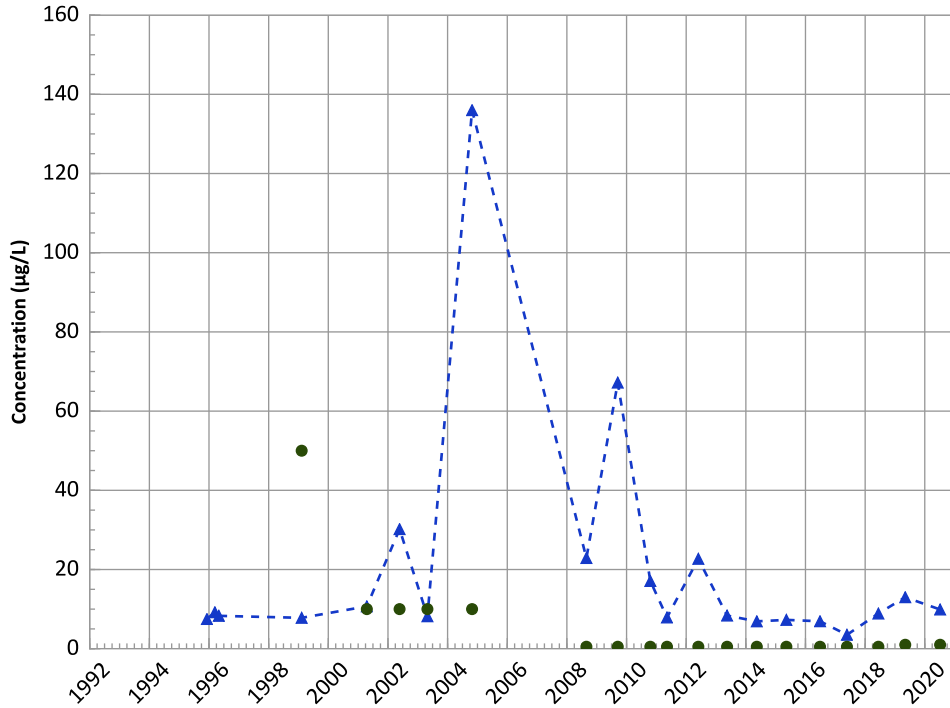
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

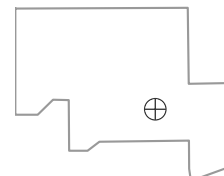
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

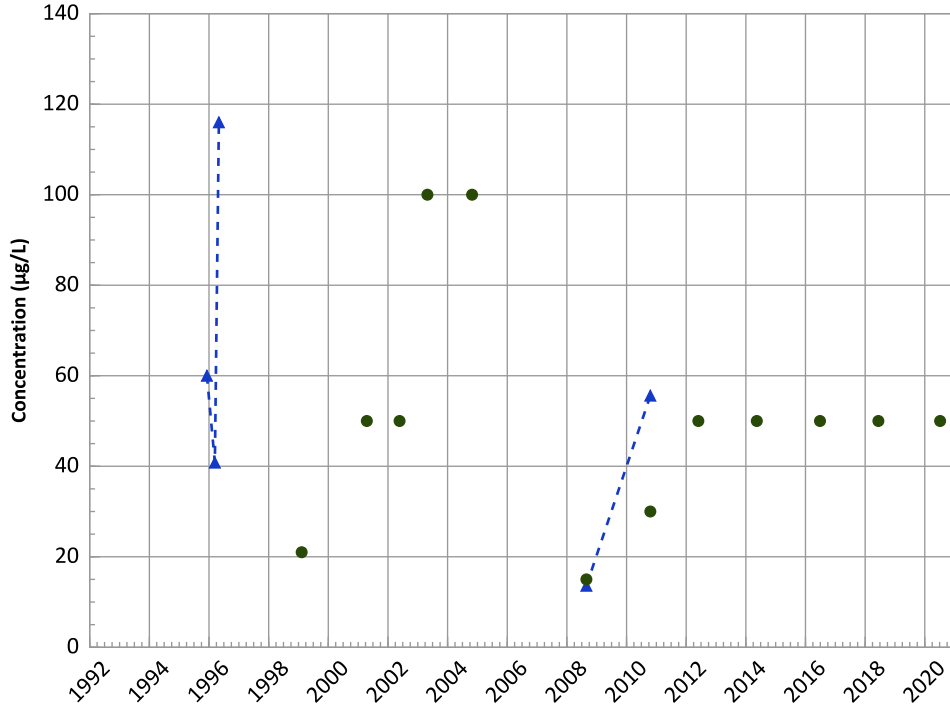
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

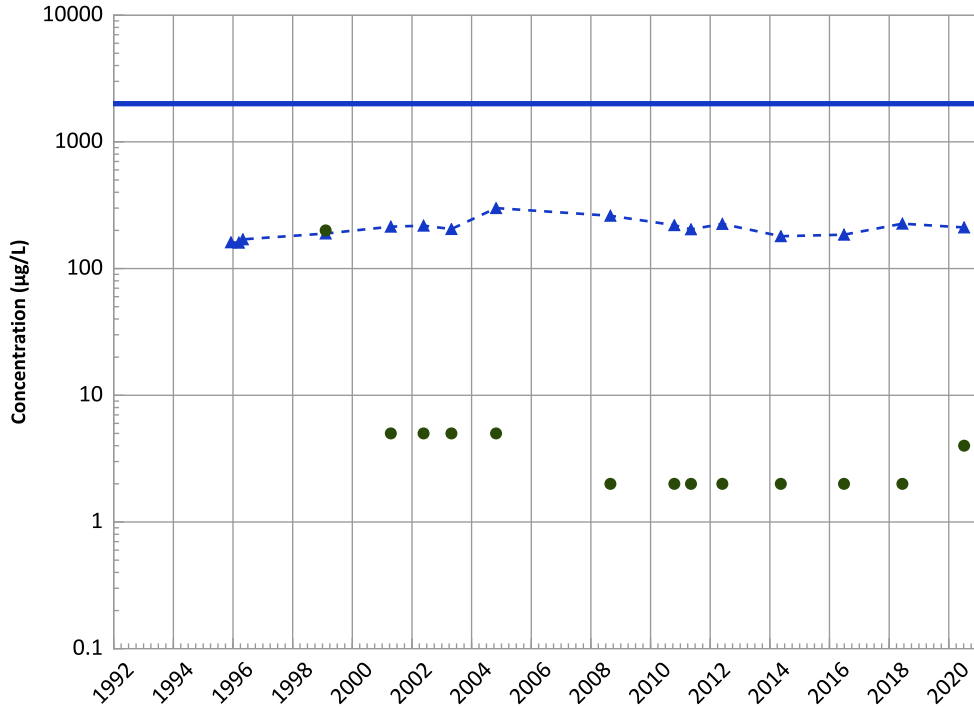
2018 - 2020 Data:

No Trend

All Data:

Stable

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

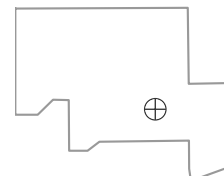
All Data:

Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

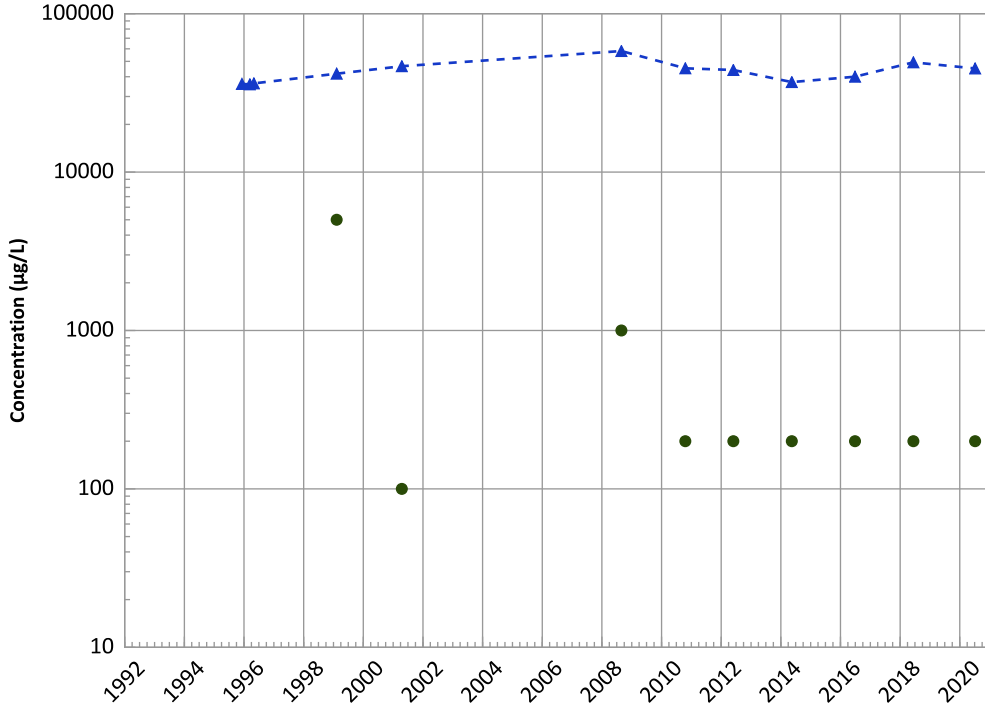
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

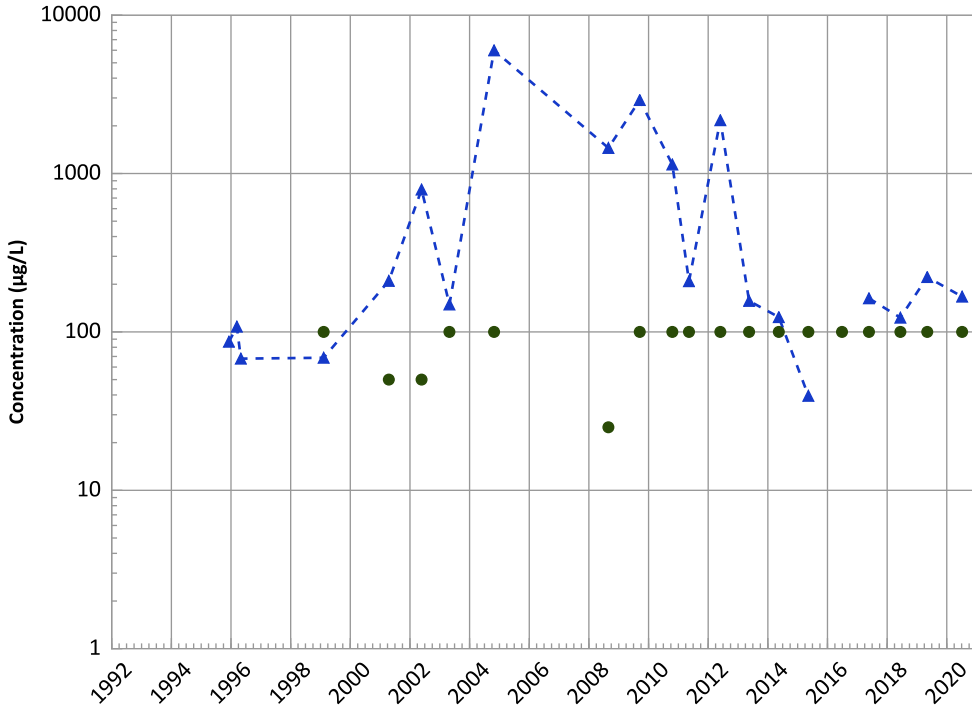
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

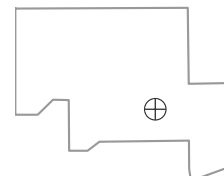
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

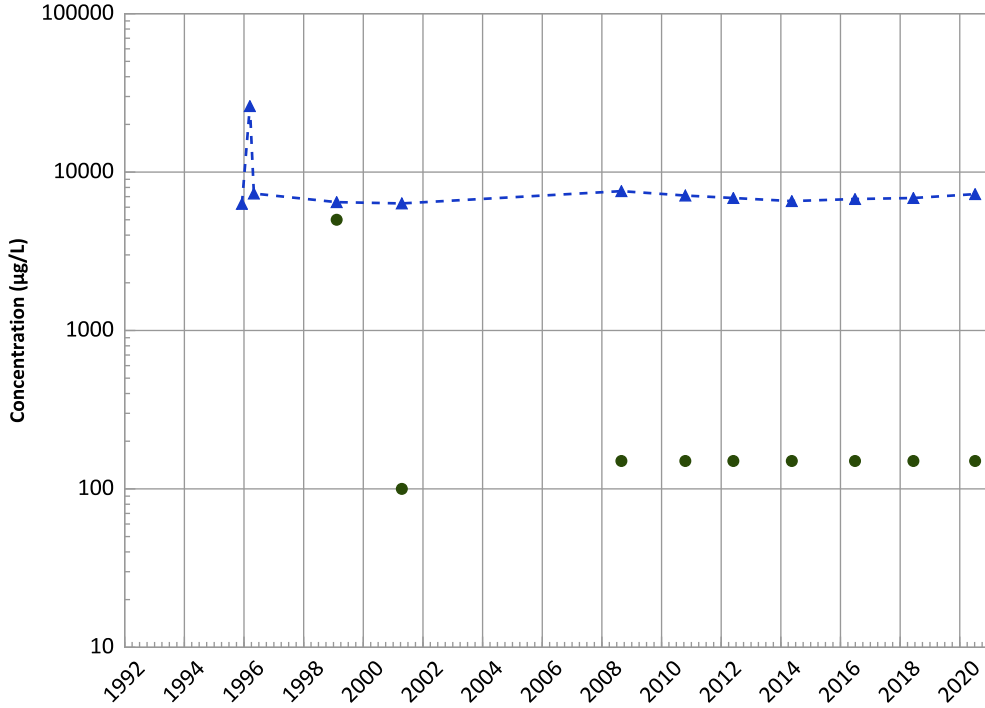
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

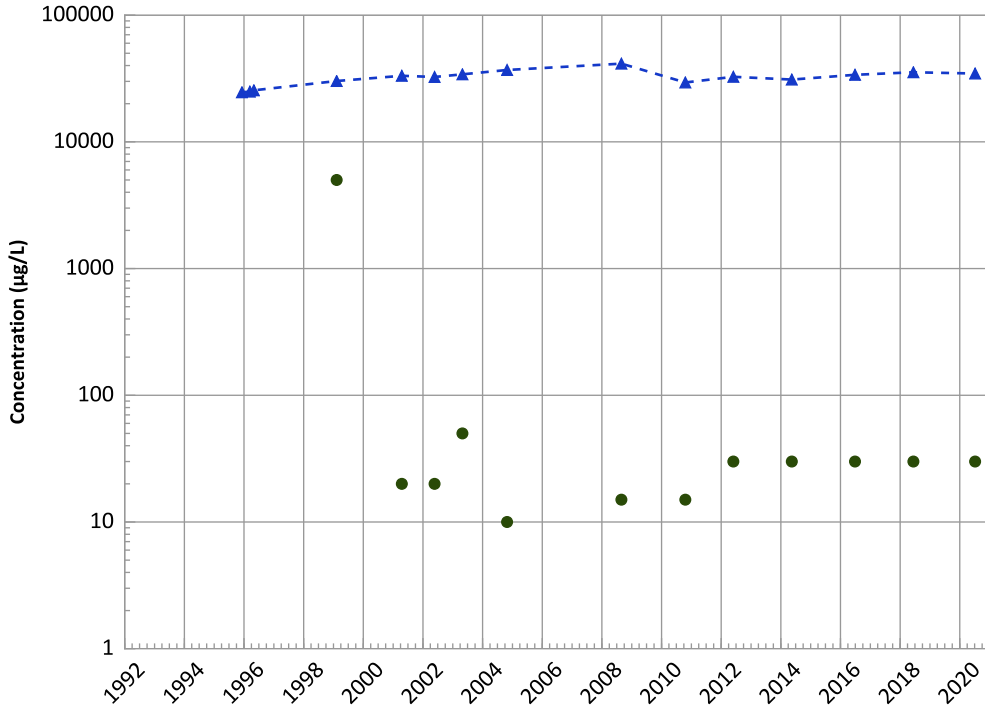
2018 - 2020 Data:

Increasing

All Data:

Stable

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

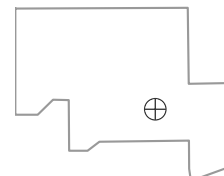
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

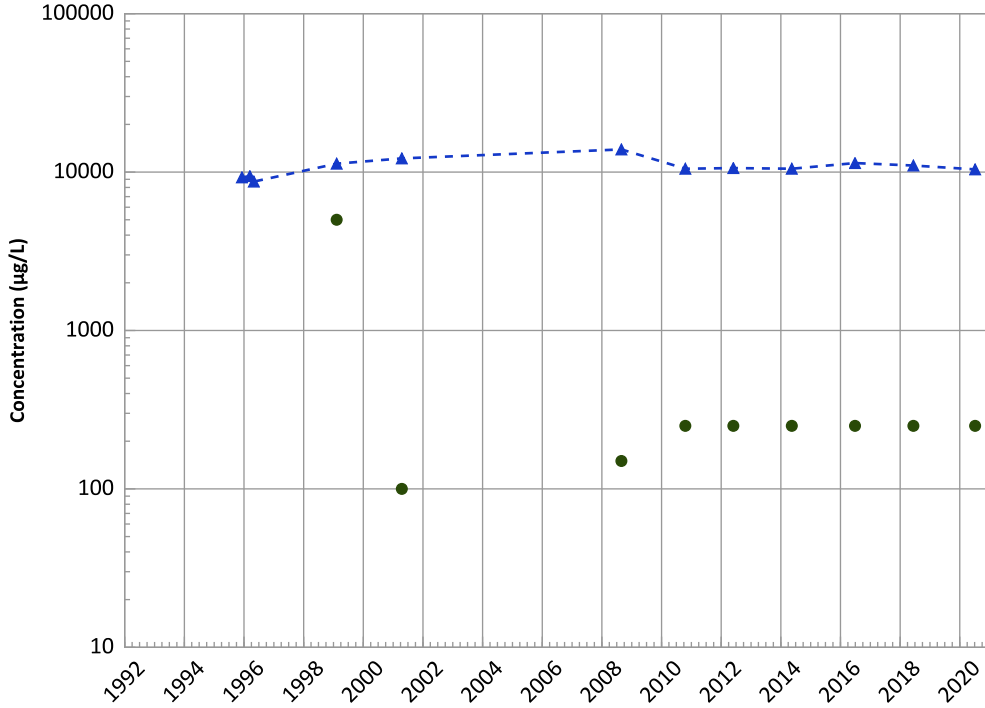
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

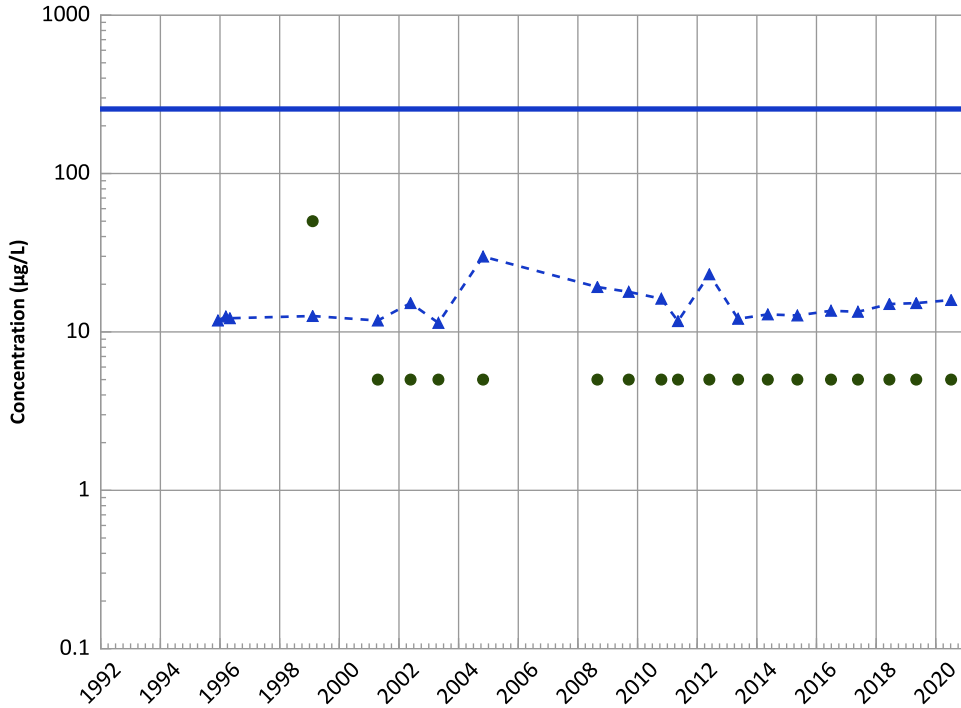
2018 - 2020 Data:

Stable

All Data:

No Trend

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

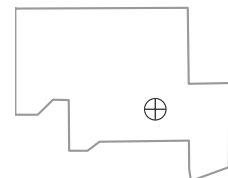
All Data:

No Trend

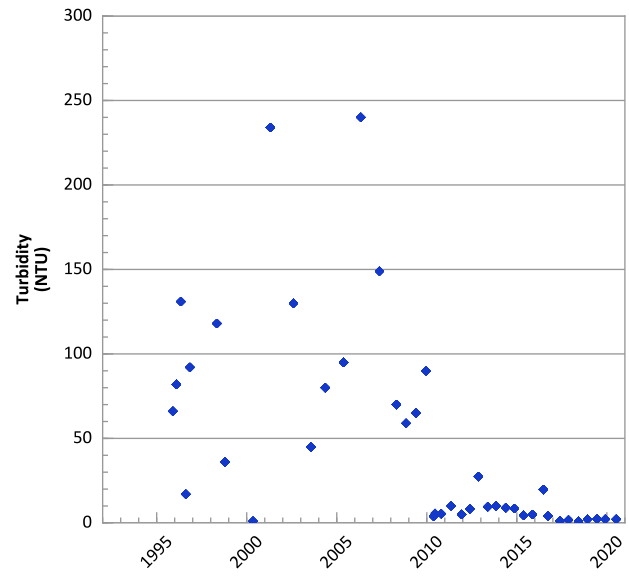
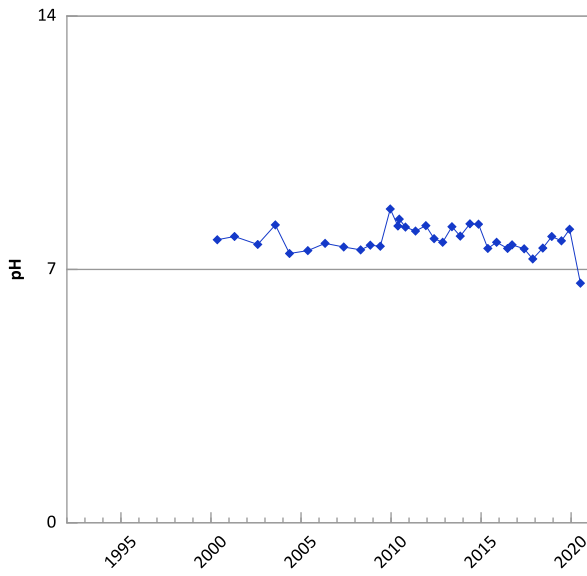
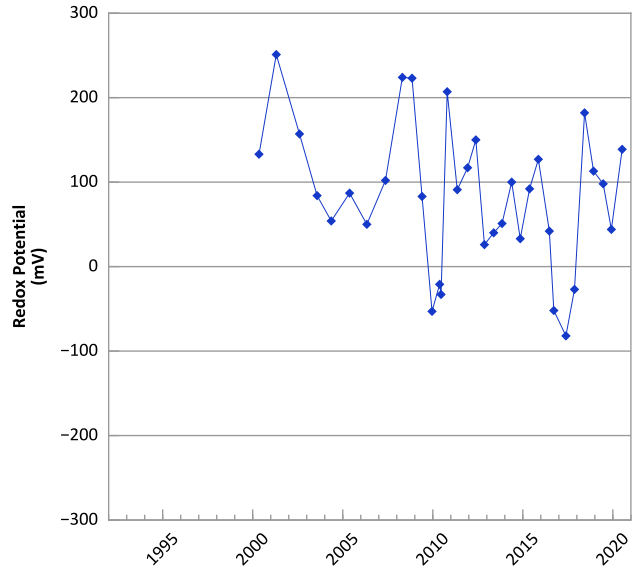
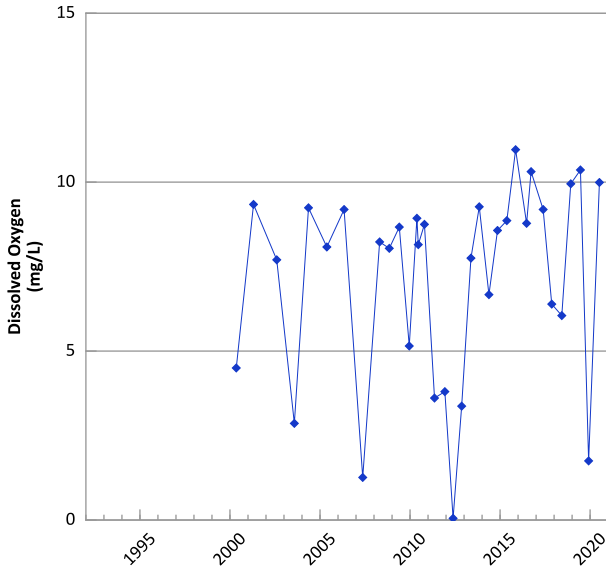
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/07/1995 to 07/07/2020
Analysis Date: 06/03/2021

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

Well Location

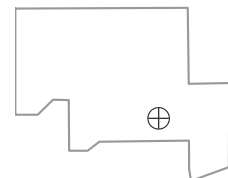


**PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



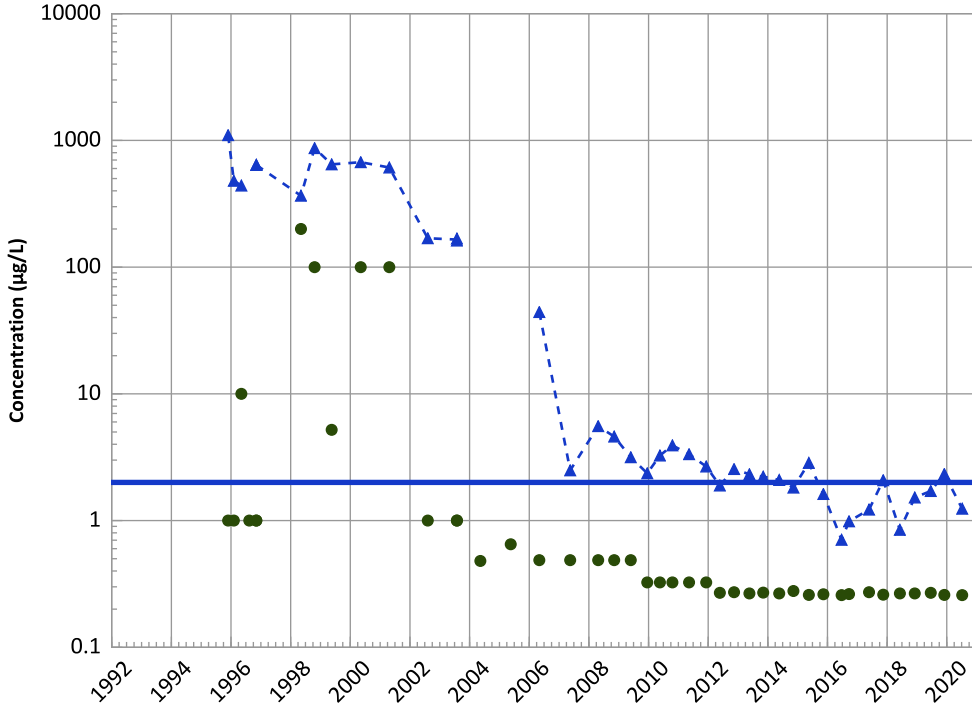
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/27/1995 to 07/08/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

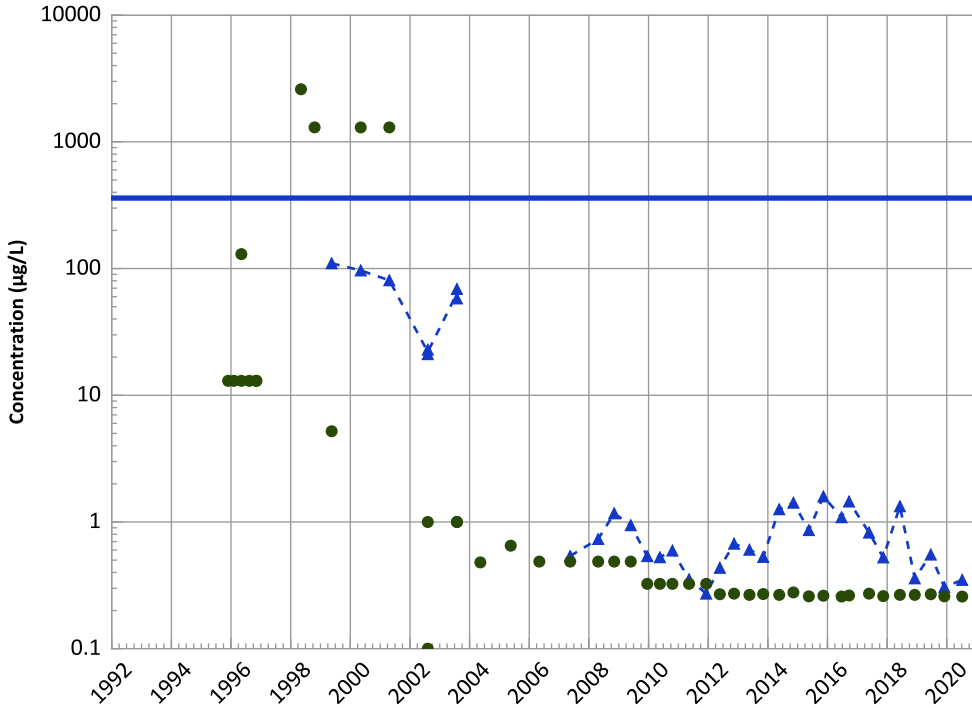
2018 - 2020 Data:

Stable

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

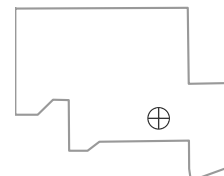
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

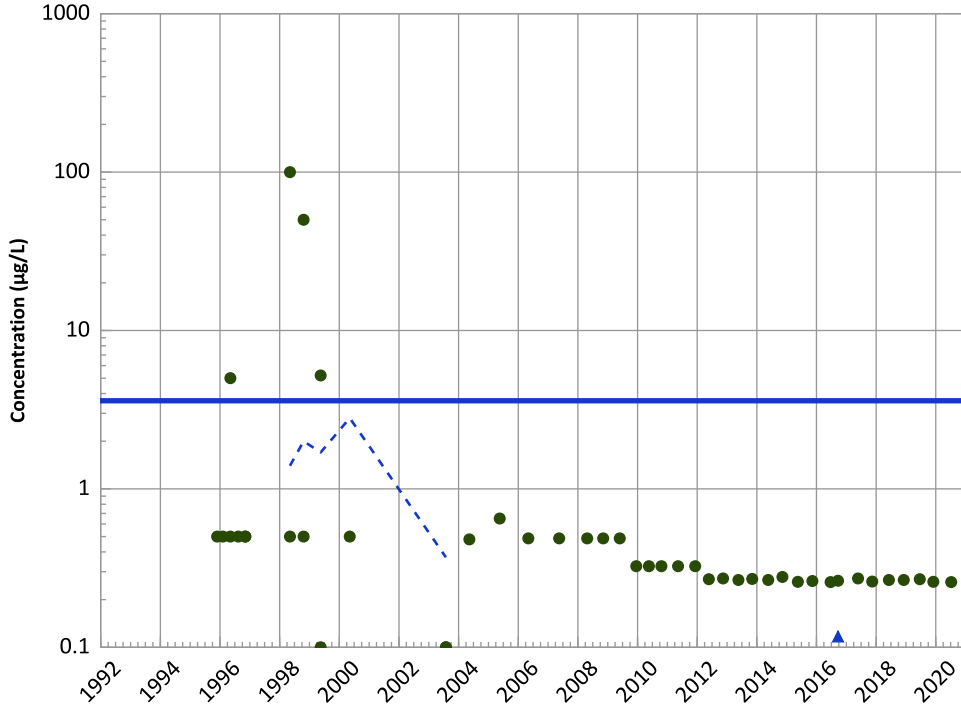
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

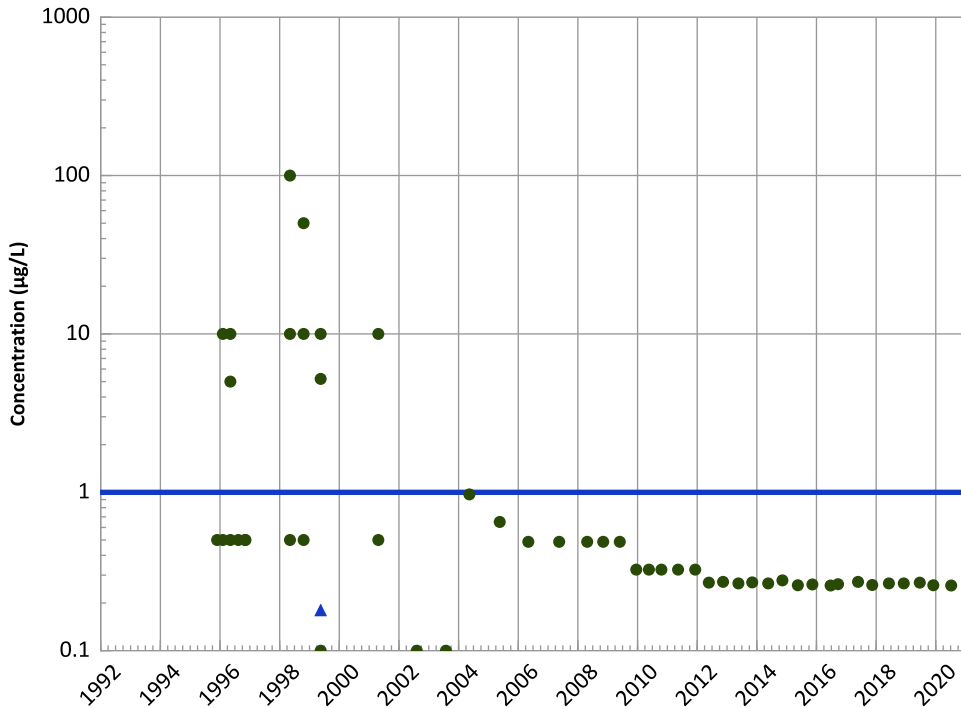
2018 - 2020 Data:

Stable

All Data:

Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

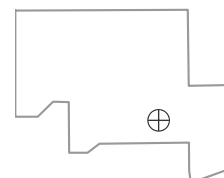
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

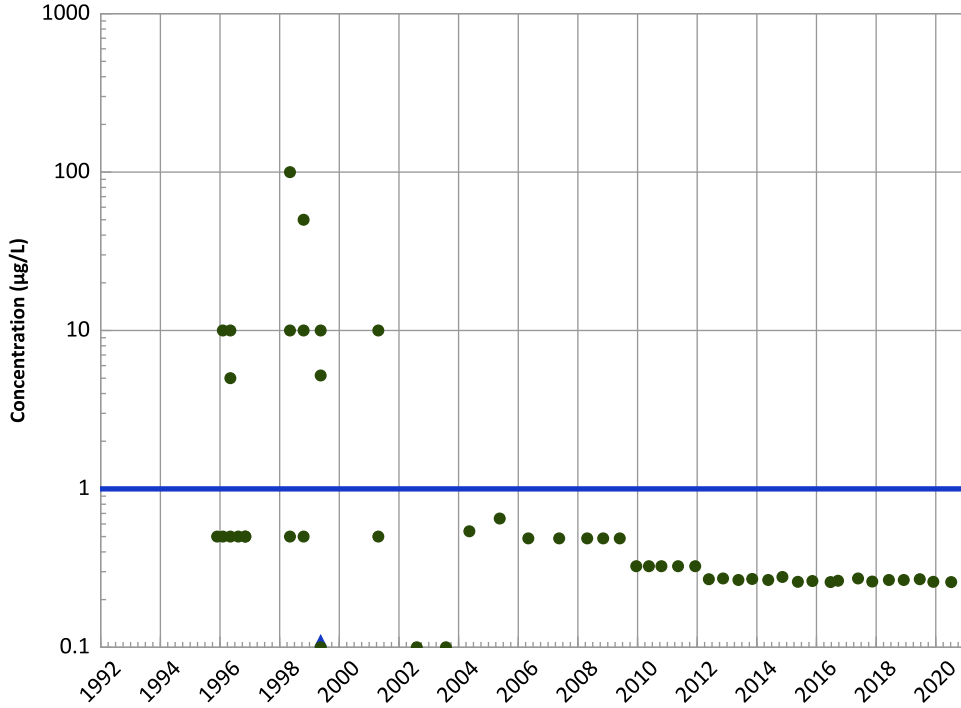
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

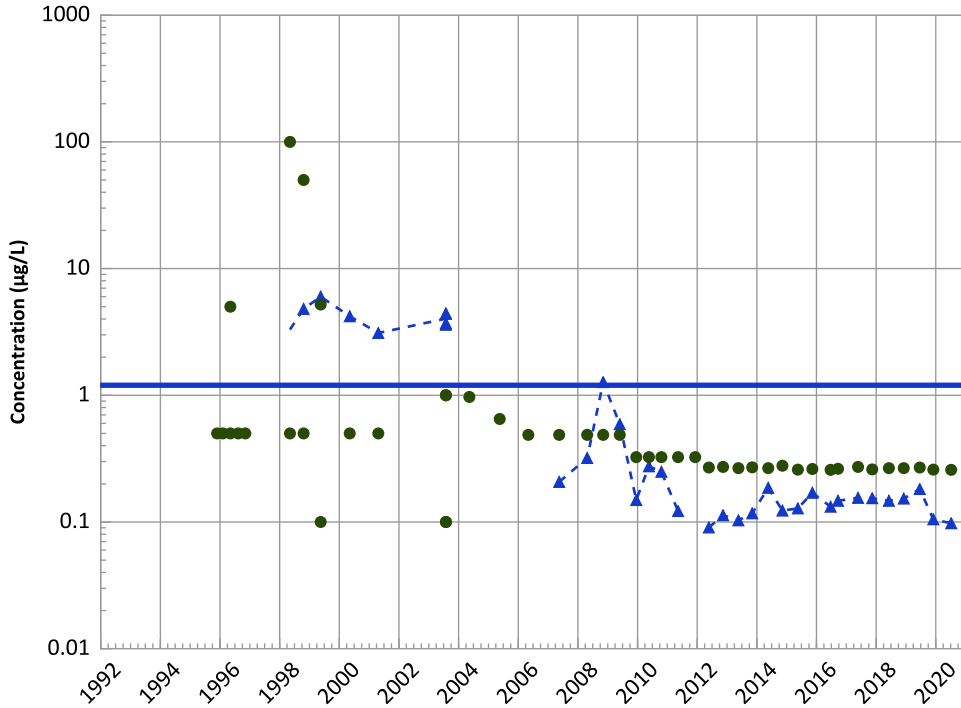
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

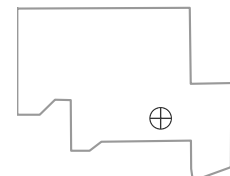
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

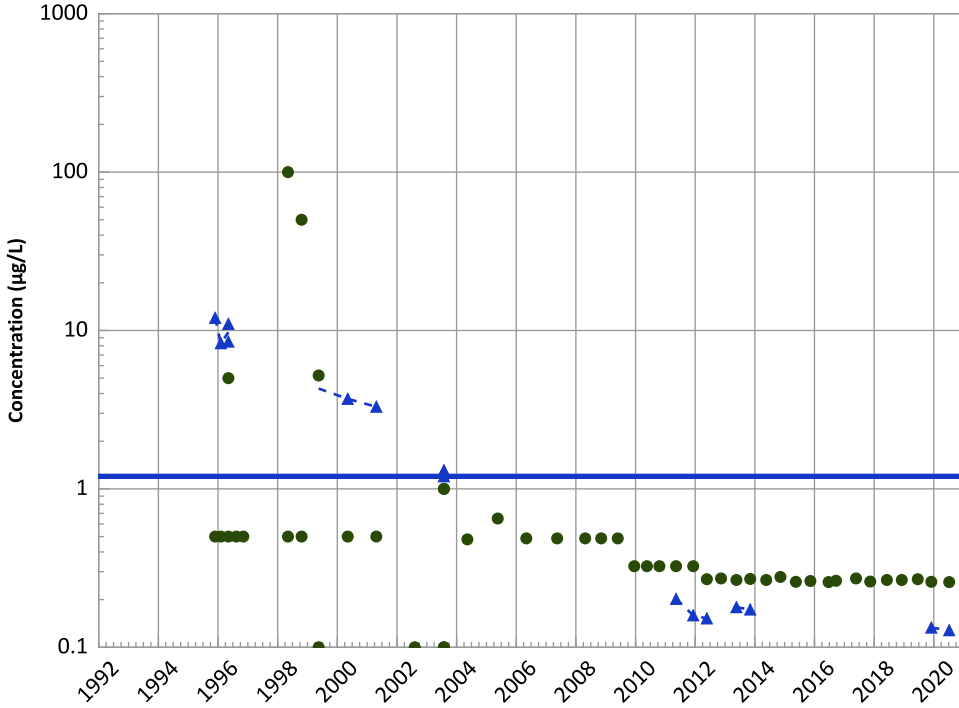


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

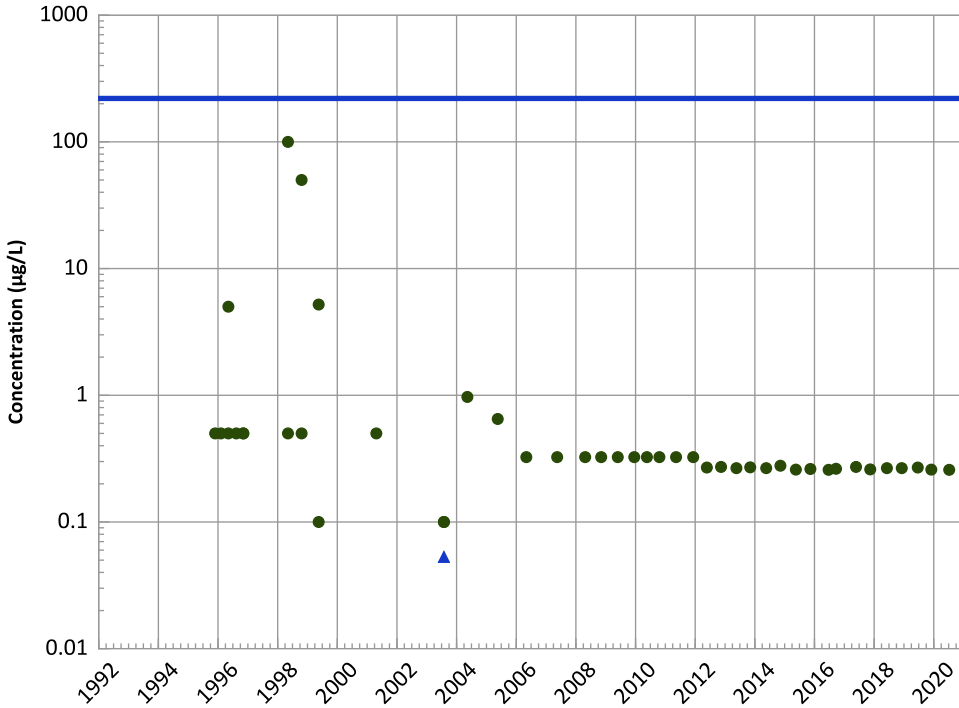


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

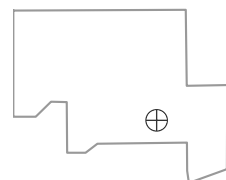
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

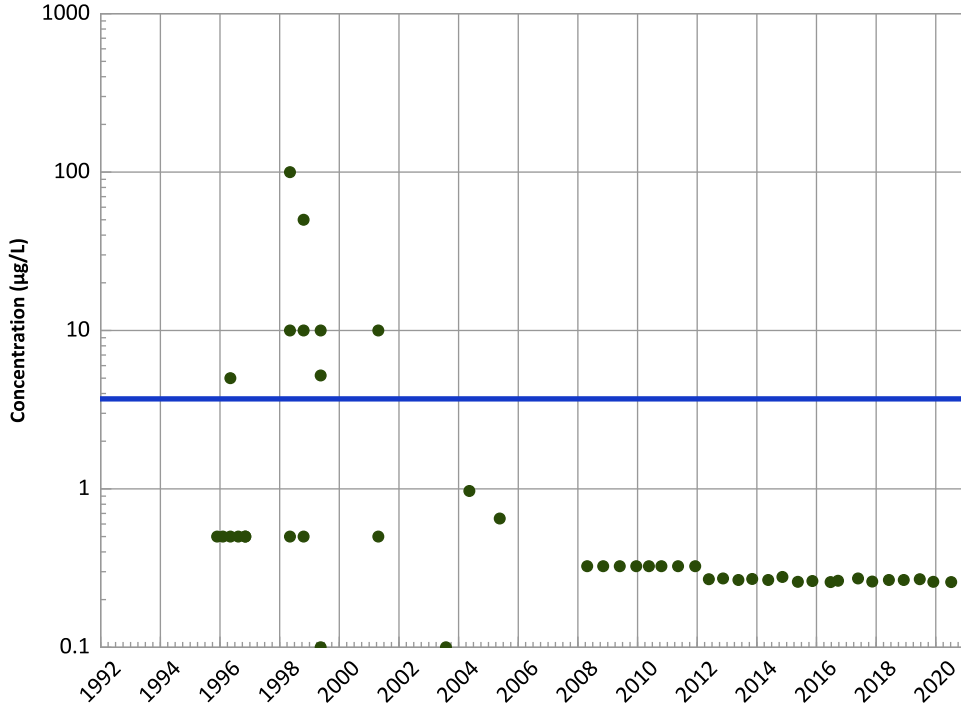
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

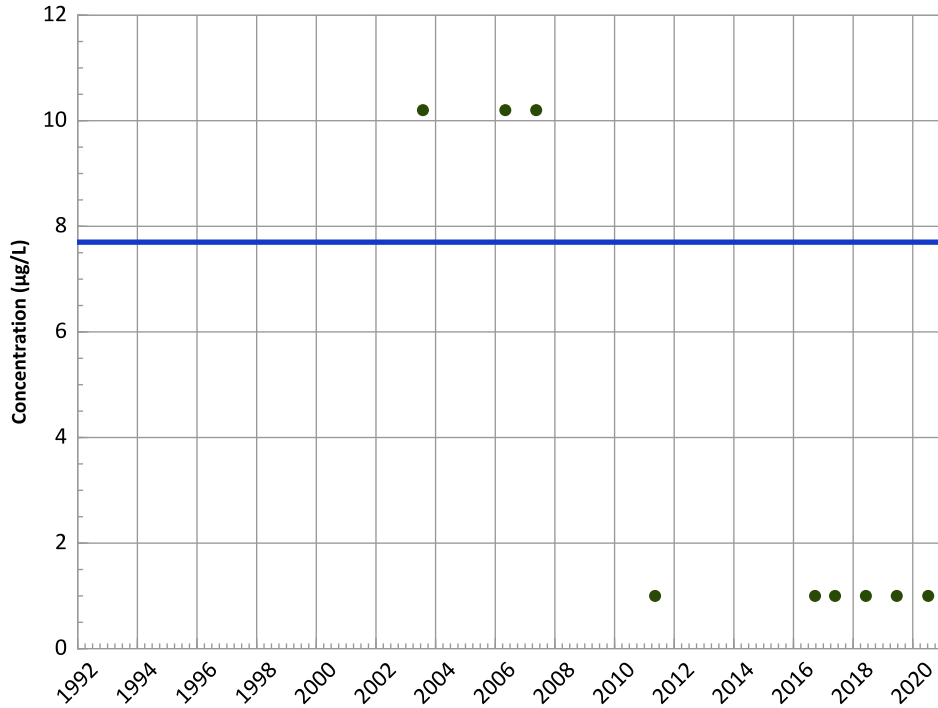
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

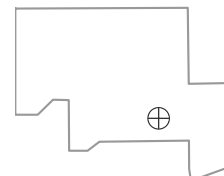
All Data:

All Non-Detect

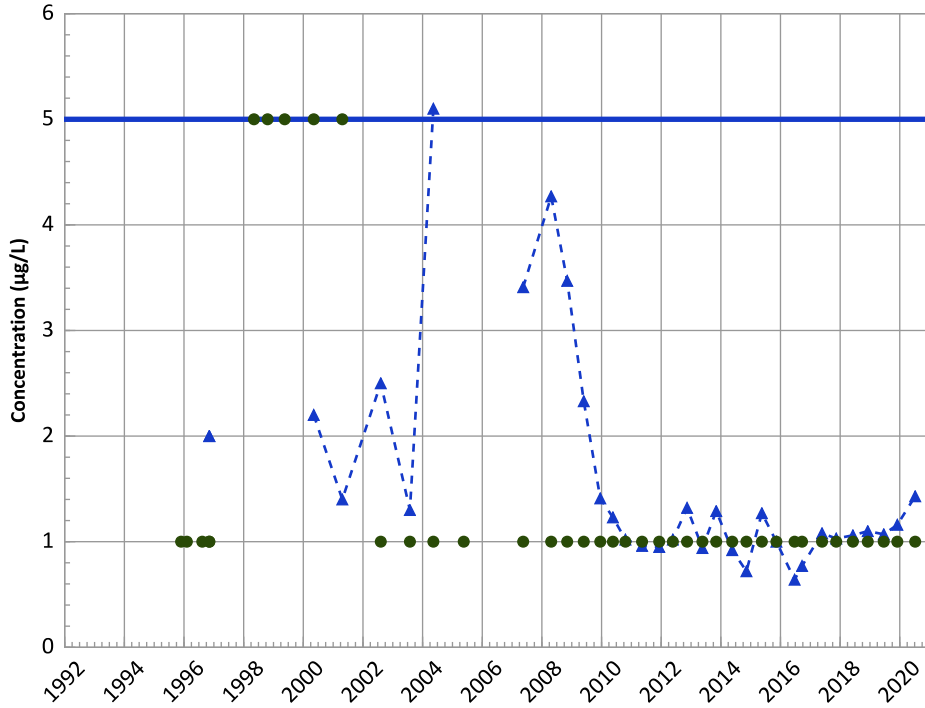
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

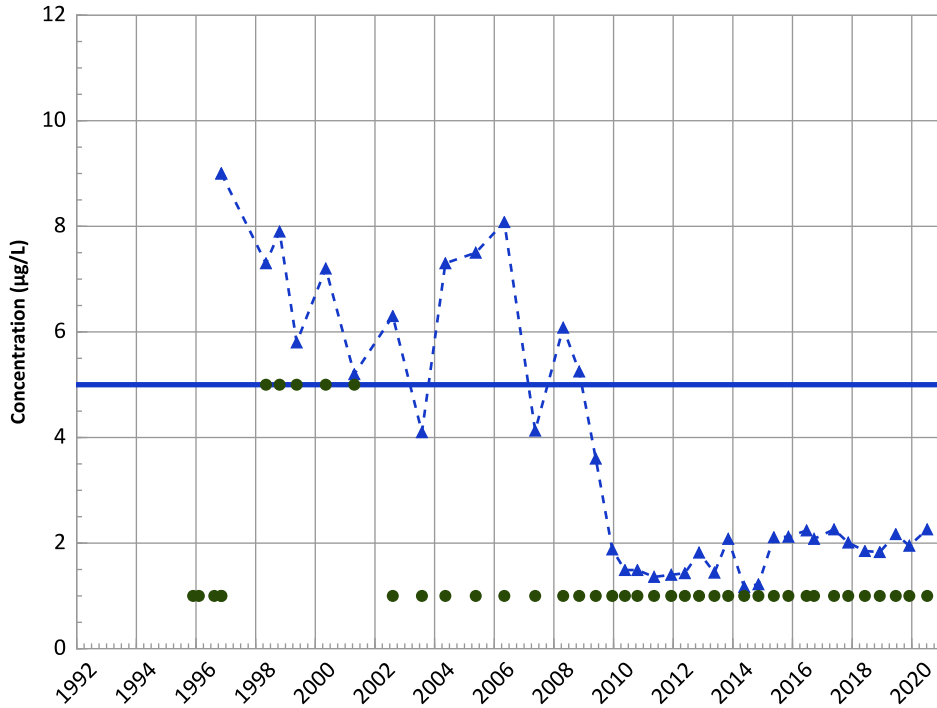
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

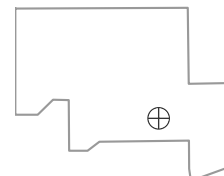
All Data:

Decreasing

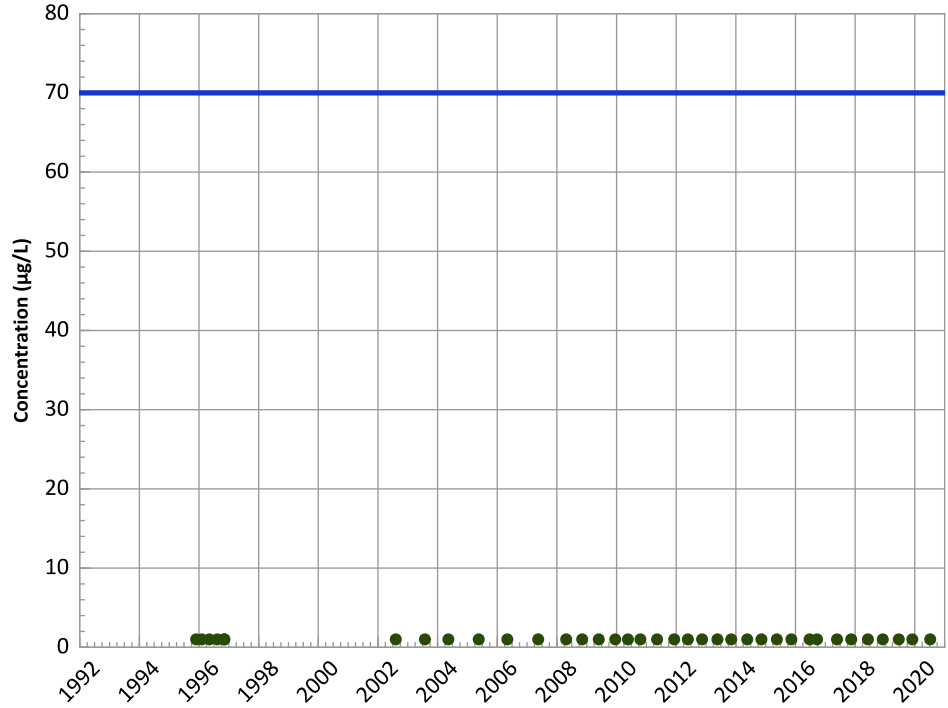
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

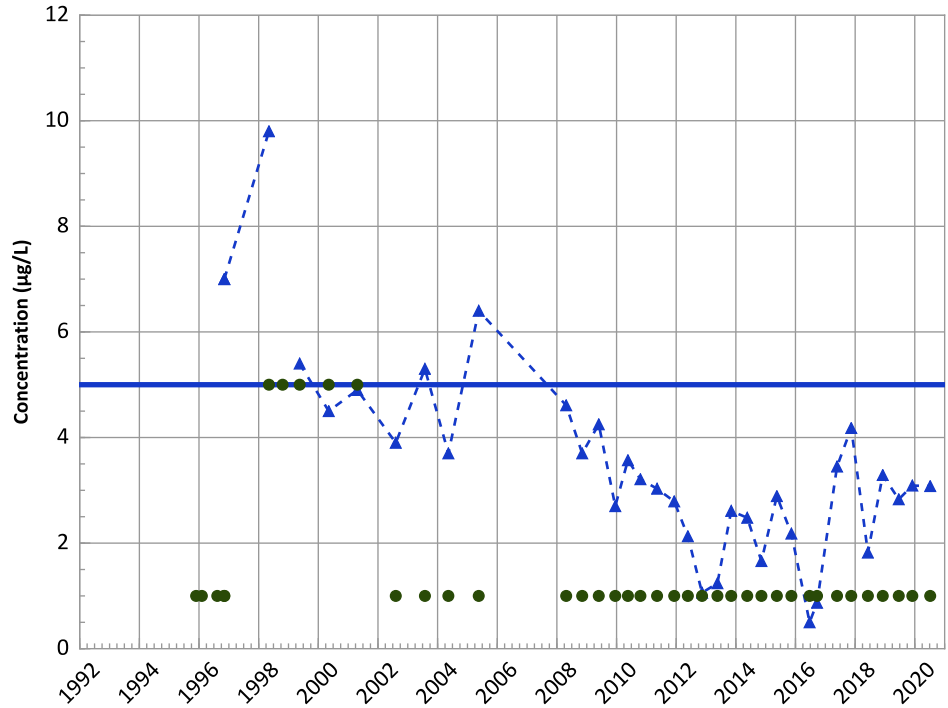
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

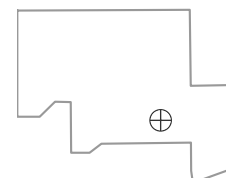
All Data:
Decreasing

All Data:
Decreasing

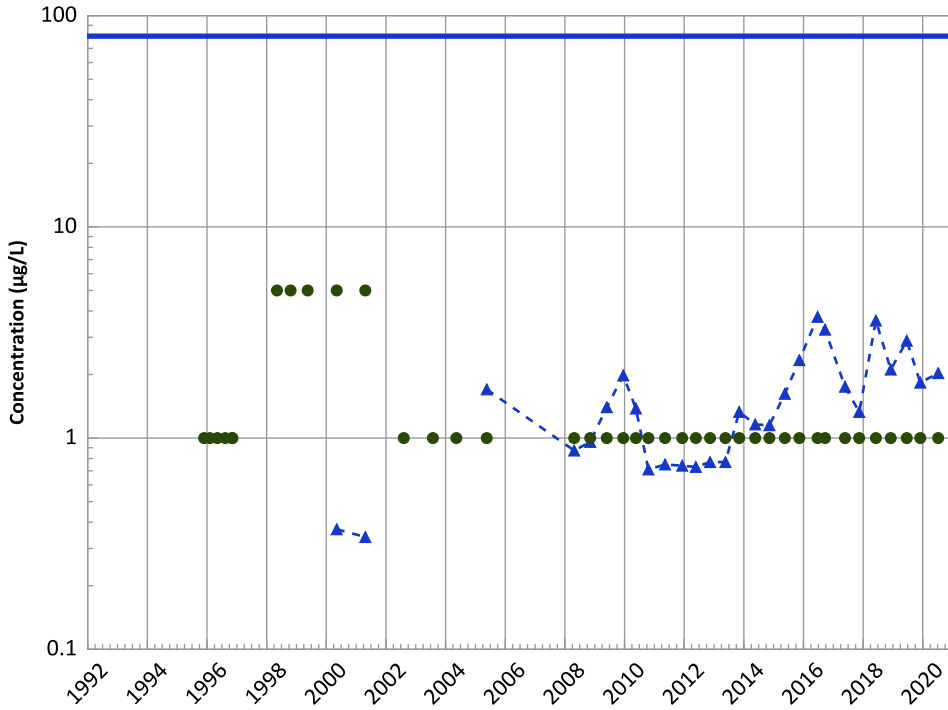
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
Decreasing

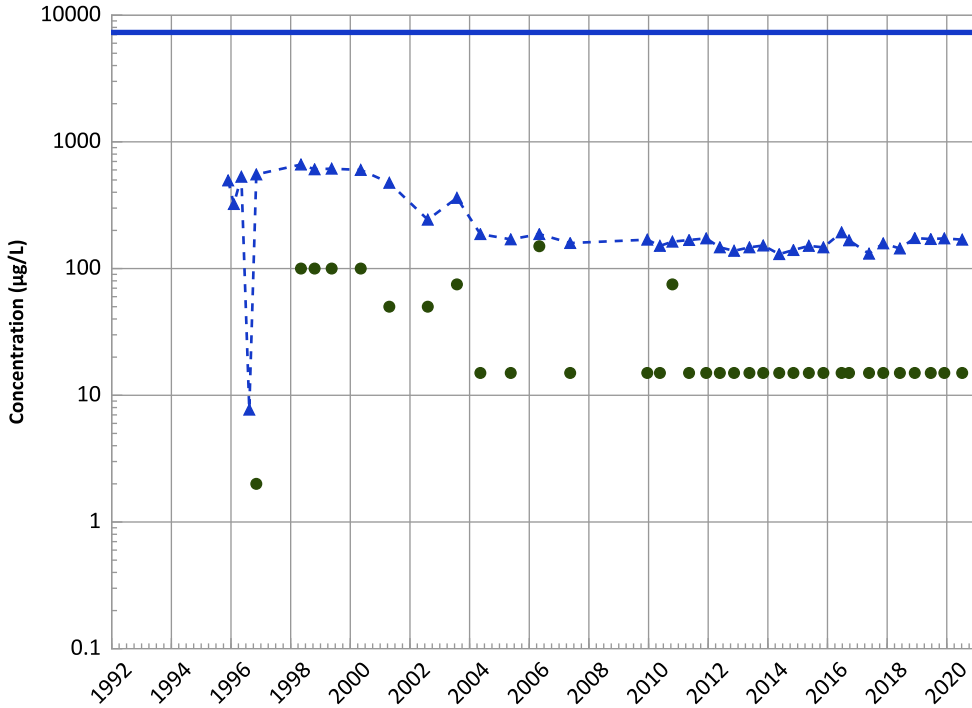
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Increasing

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

MAROS Linear Regression Method

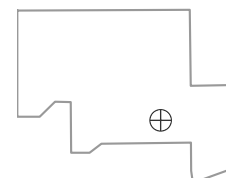
2018 - 2020 Data:
Stable

All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

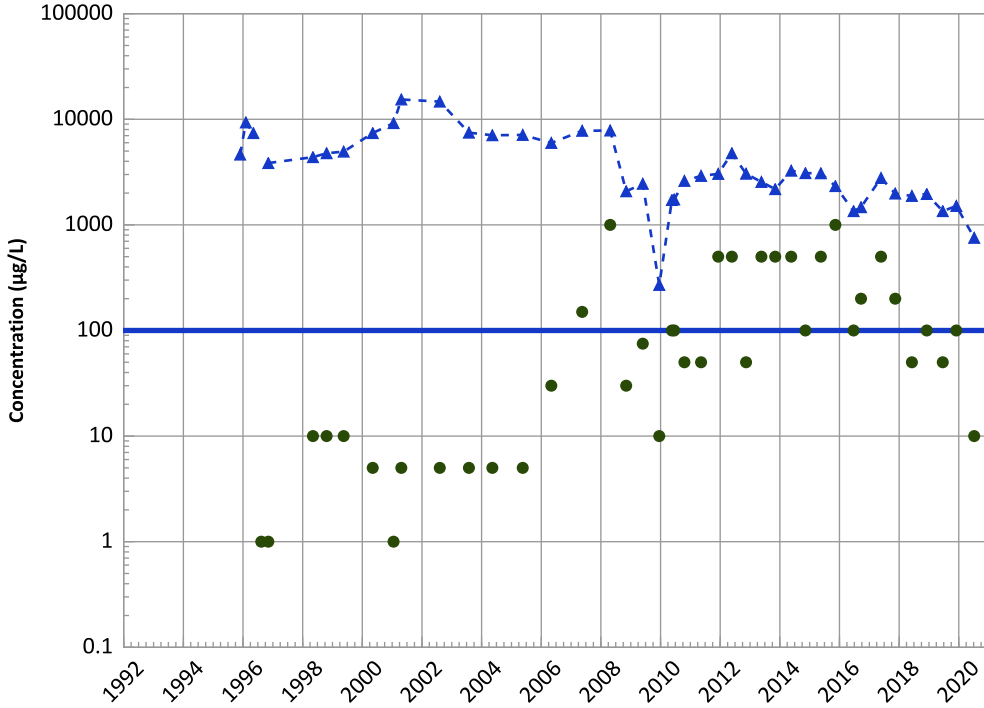
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

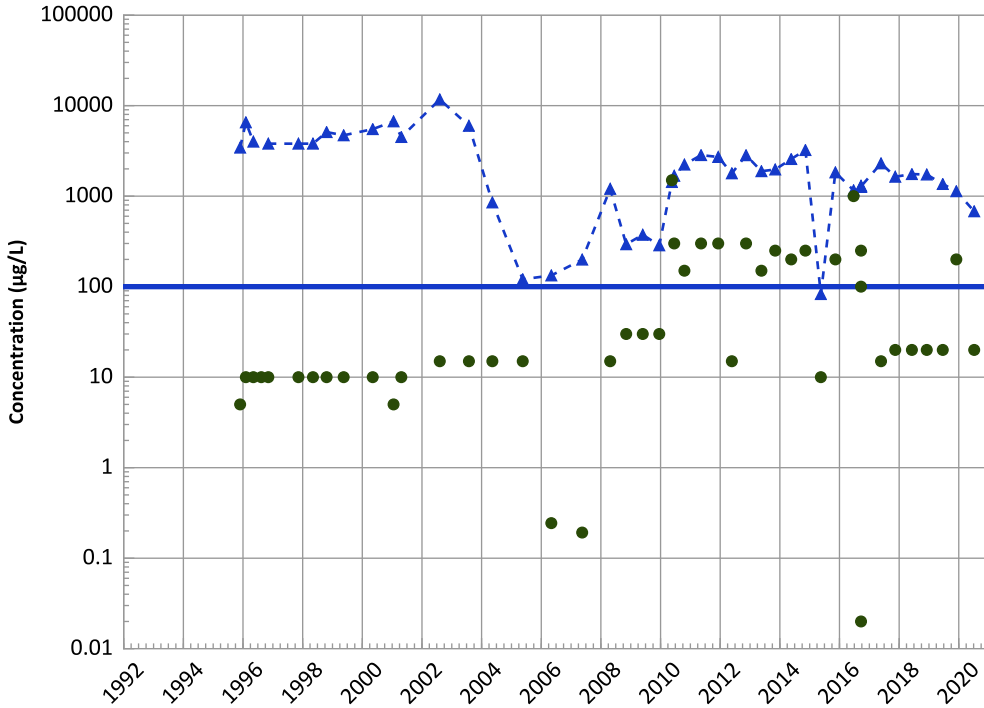
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

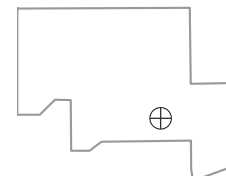
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

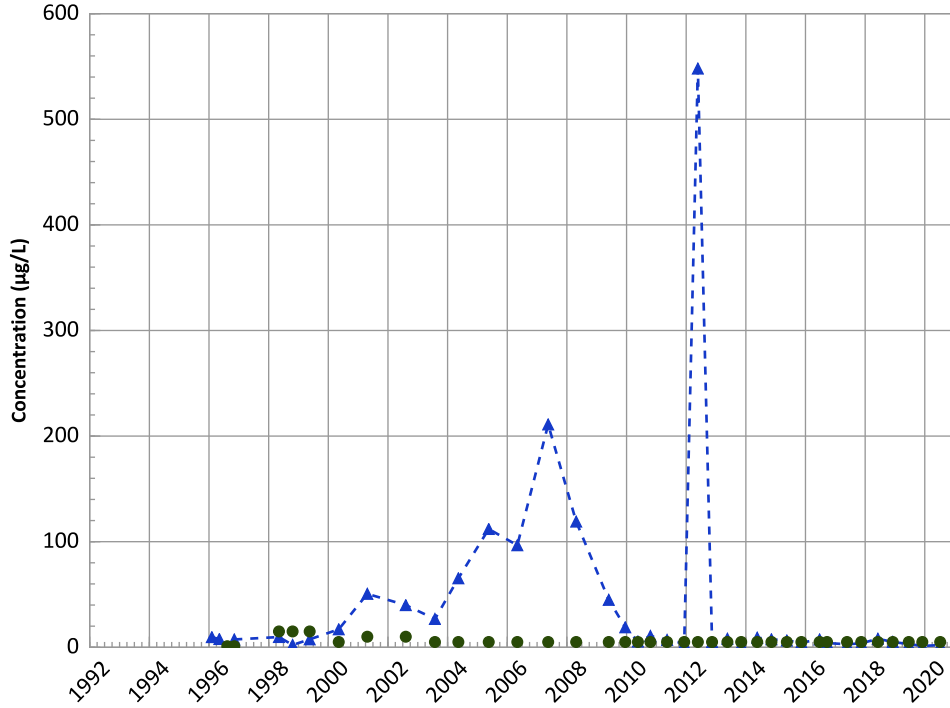
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

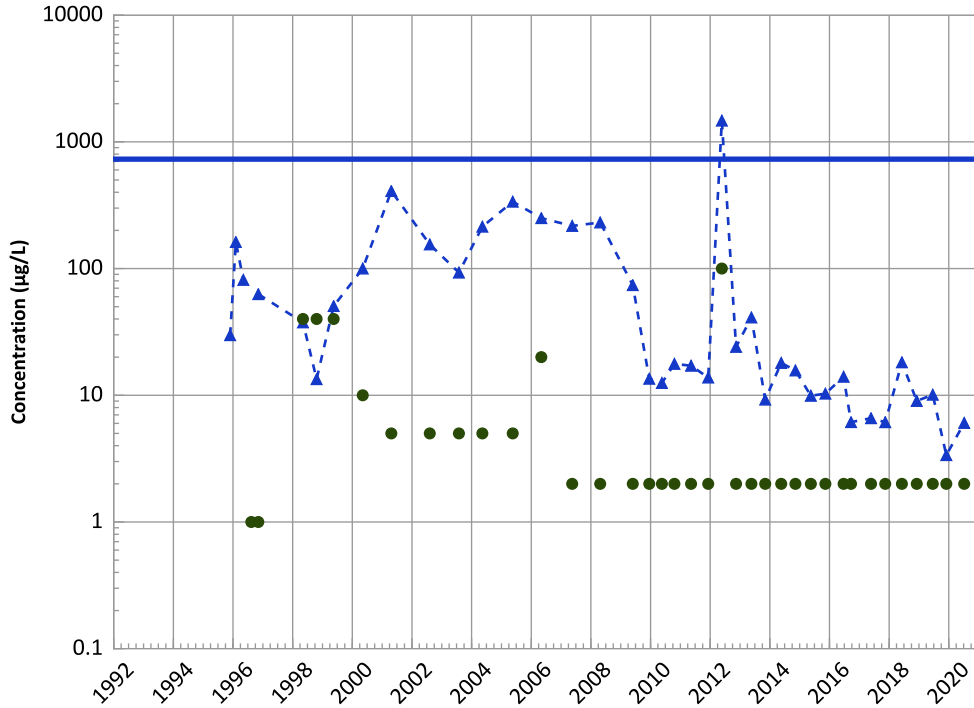
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

MAROS Linear Regression Method

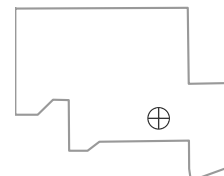
2018 - 2020 Data:
Stable

All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

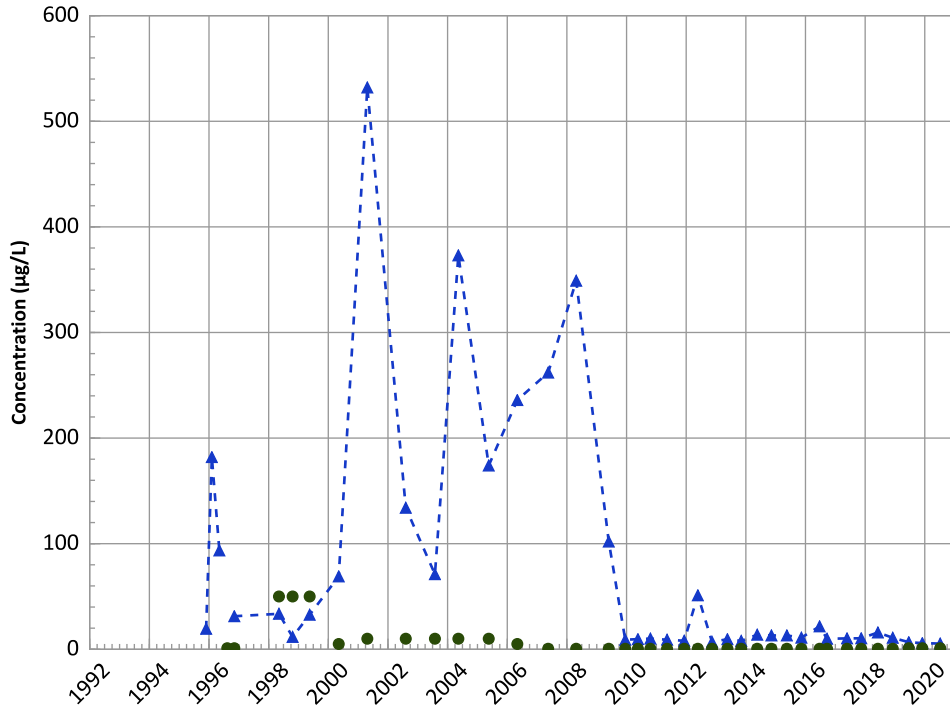
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

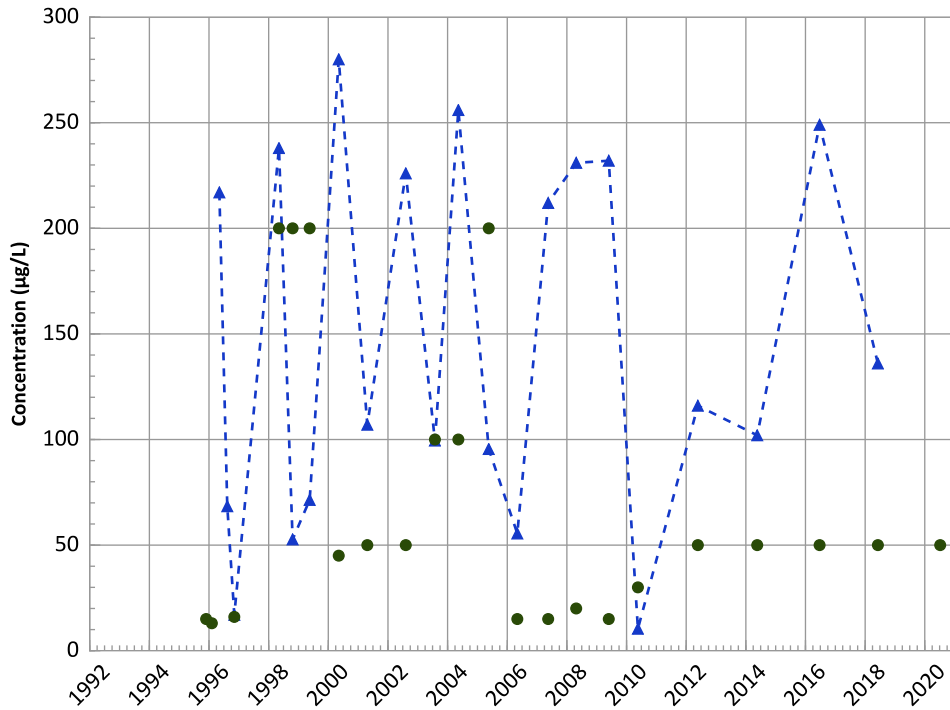
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

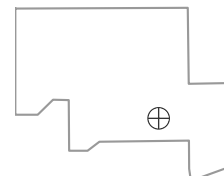
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

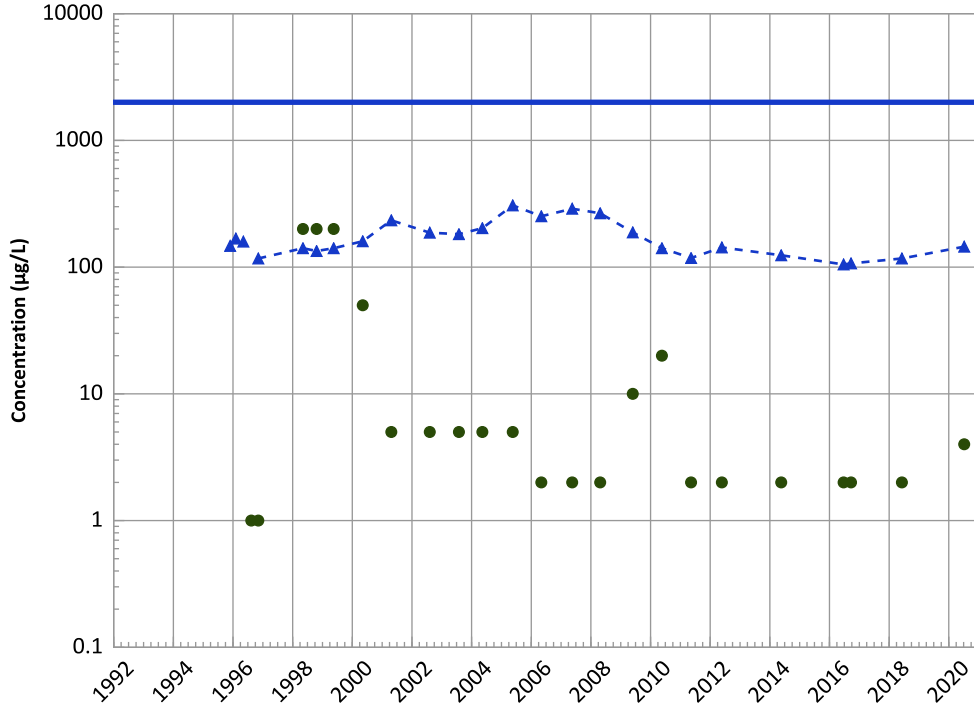
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

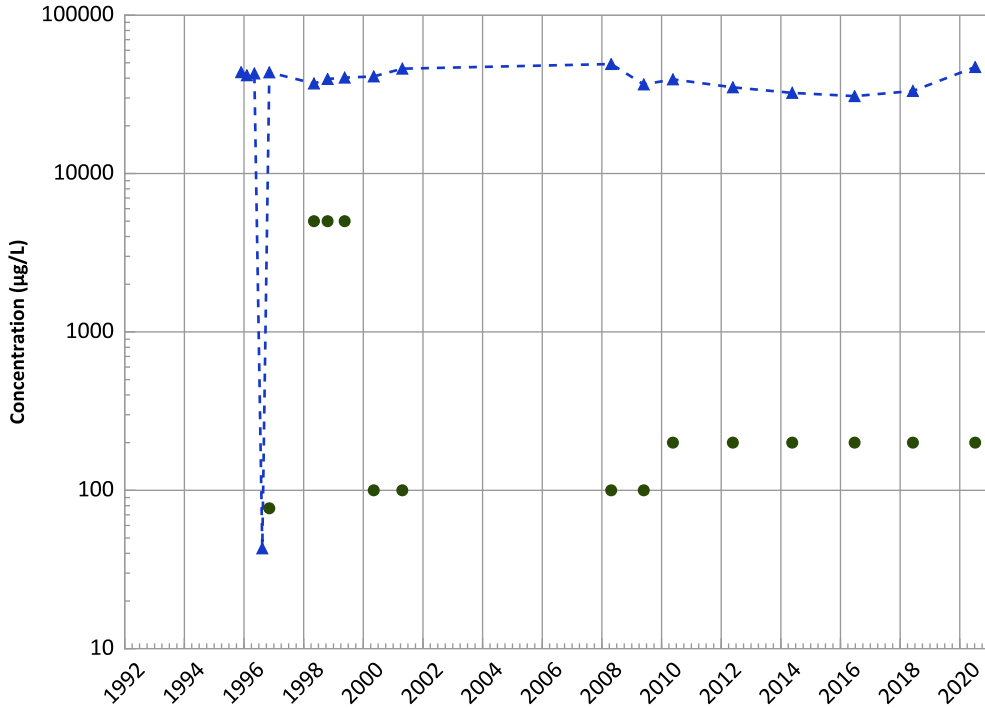
2018 - 2020 Data:

Increasing

All Data:

Stable

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

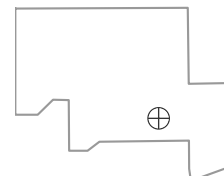
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

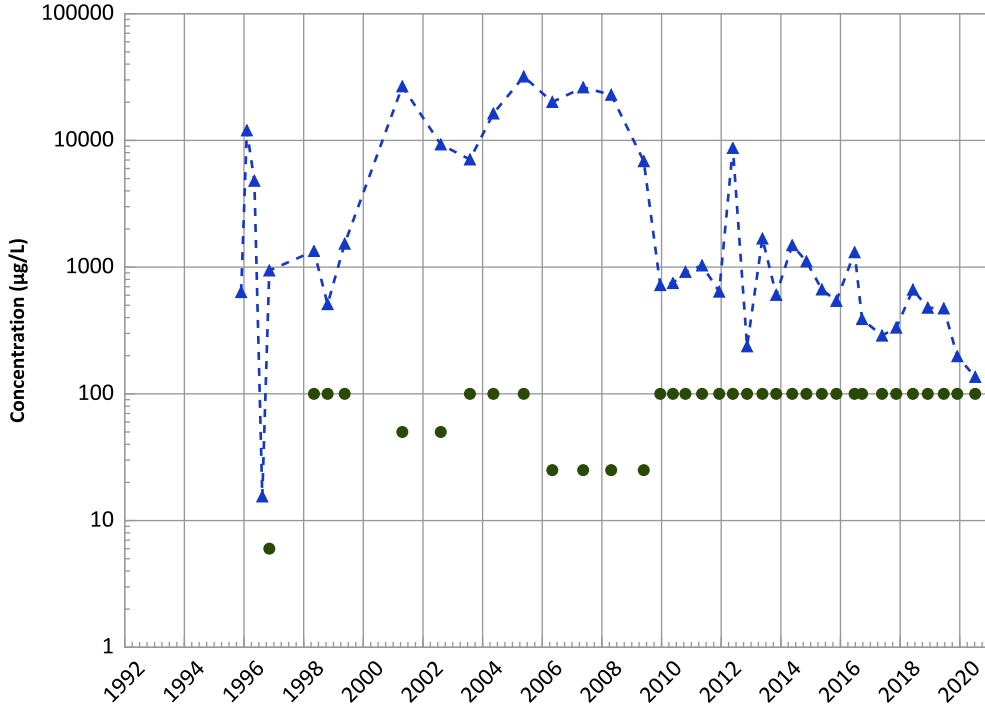
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

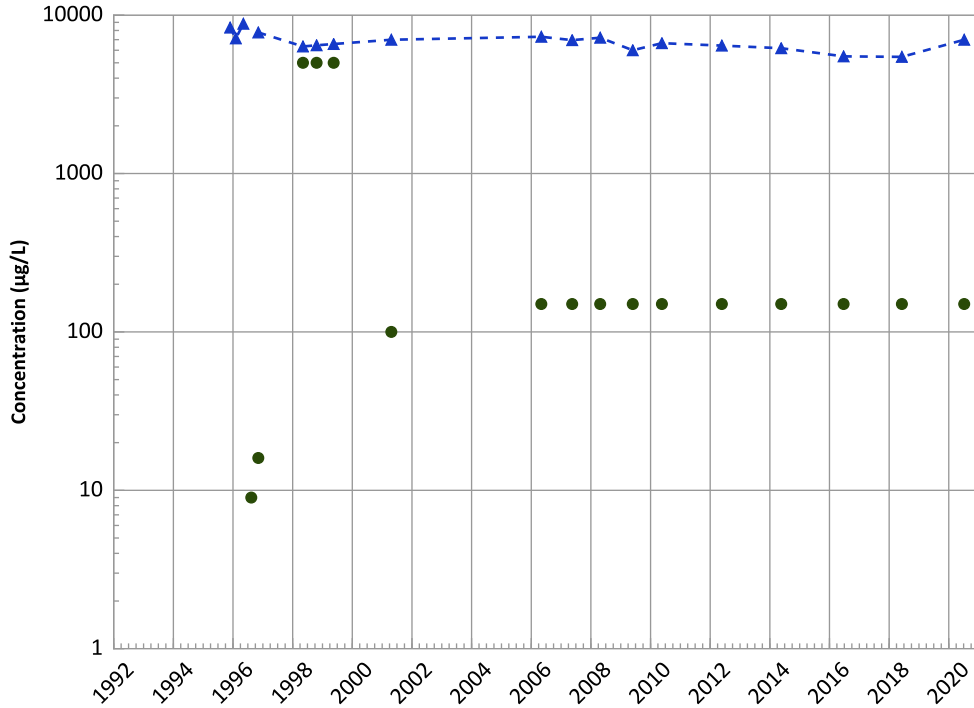
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

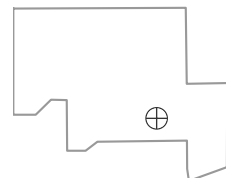
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

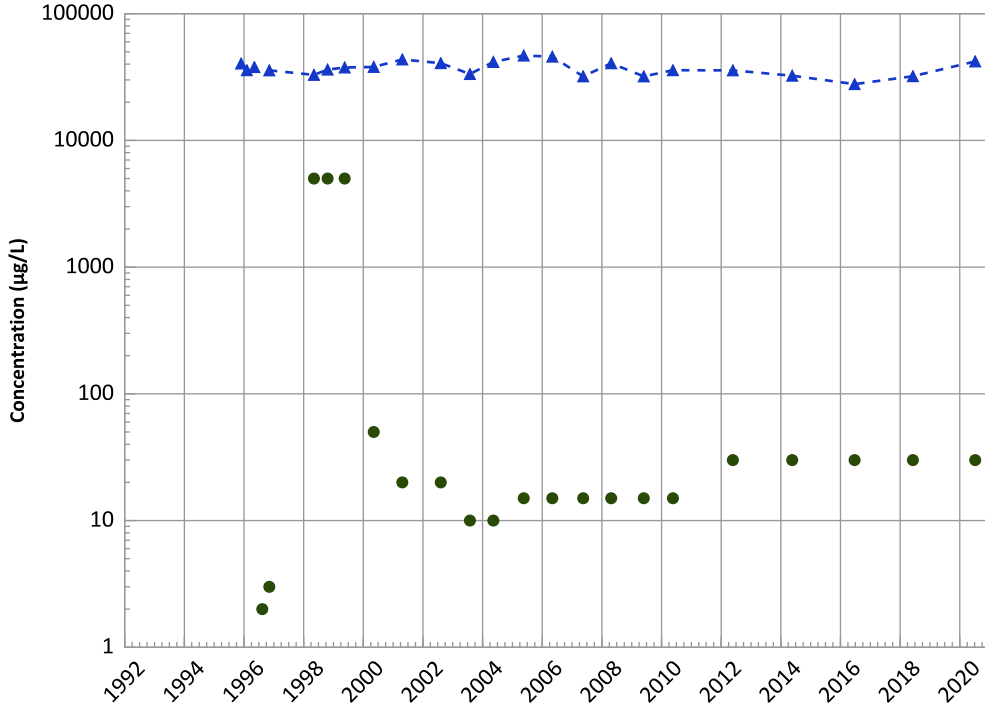
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

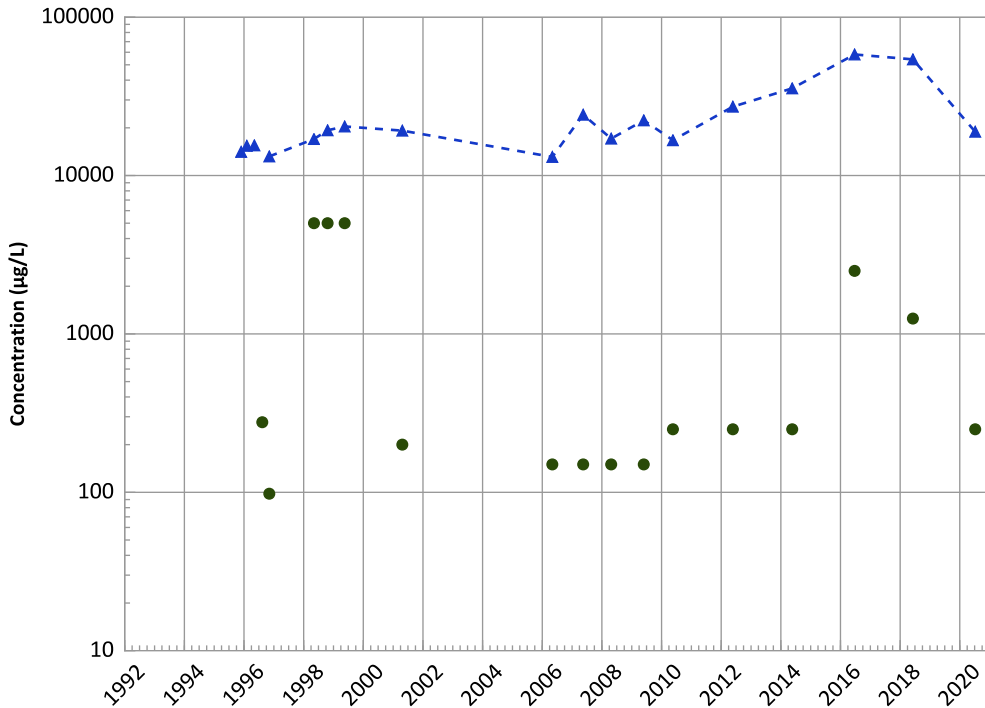
2018 - 2020 Data:

Probably Increasing

All Data:

Stable

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

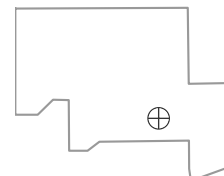
All Data:

Increasing

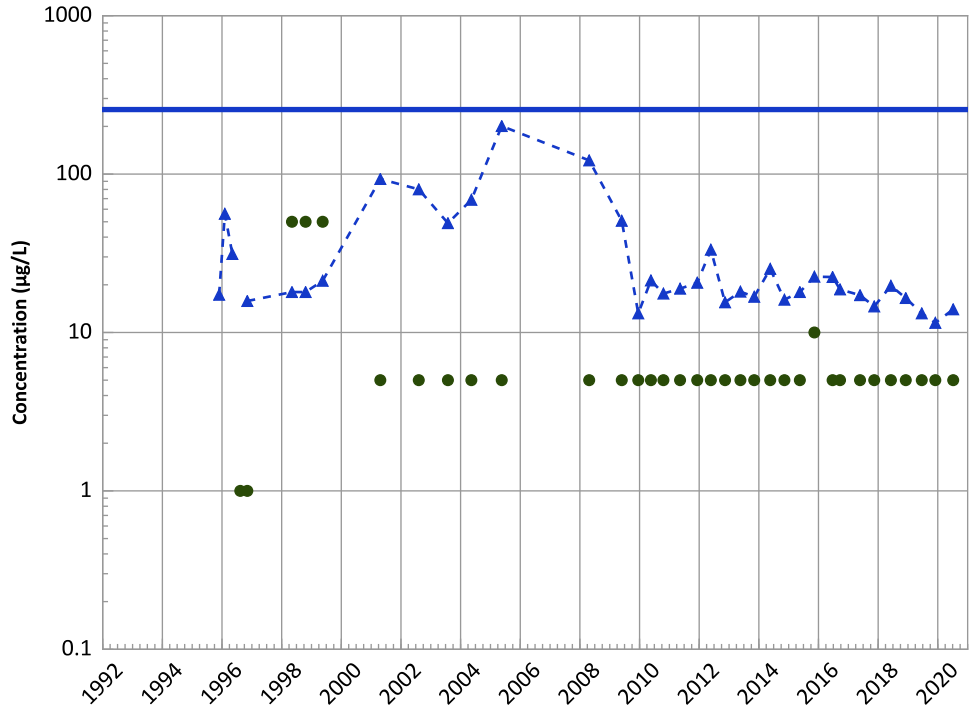
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



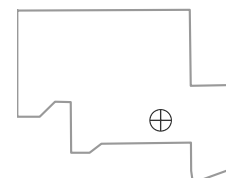
Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data: Decreasing
 All Data: Decreasing

MAROS Linear Regression Method
 2018 - 2020 Data: Stable
 All Data: Decreasing

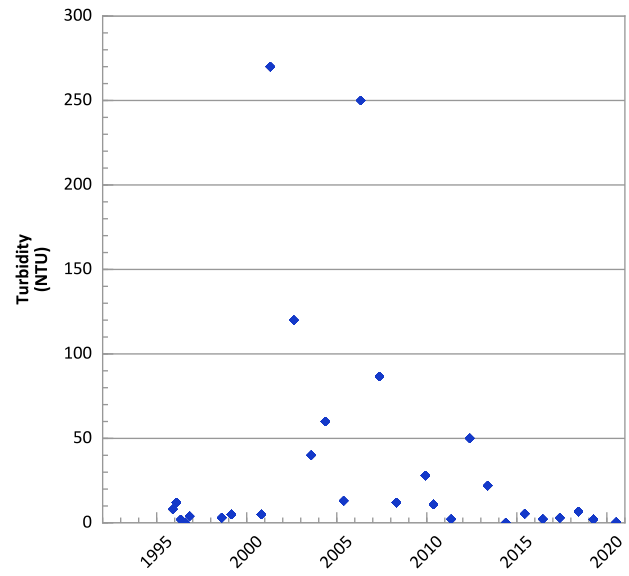
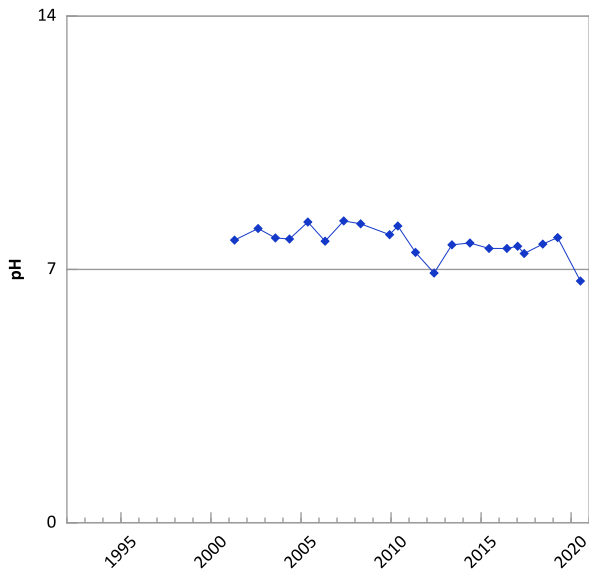
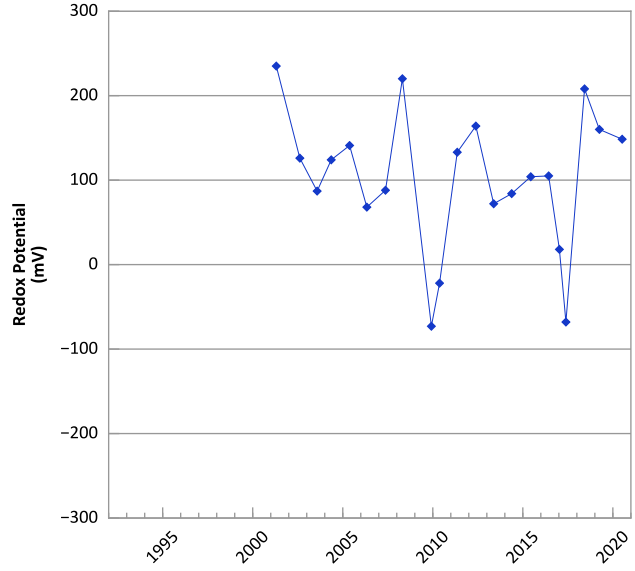
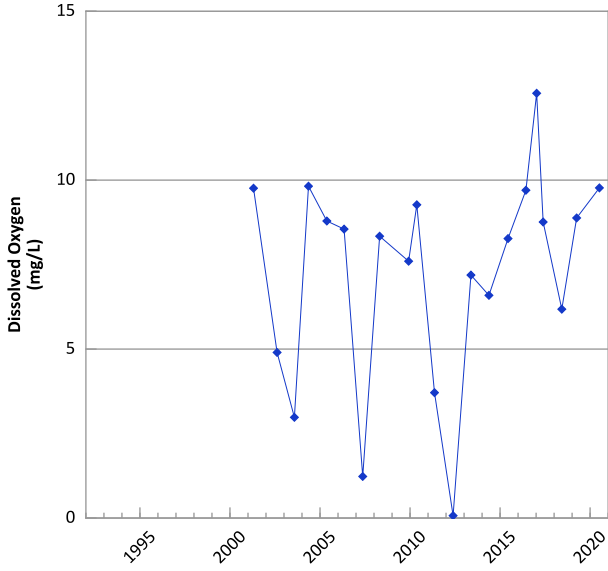
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/27/1995 to 07/08/2020
 Analysis Date: 06/03/2021

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

Well Location

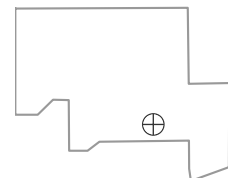


**PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



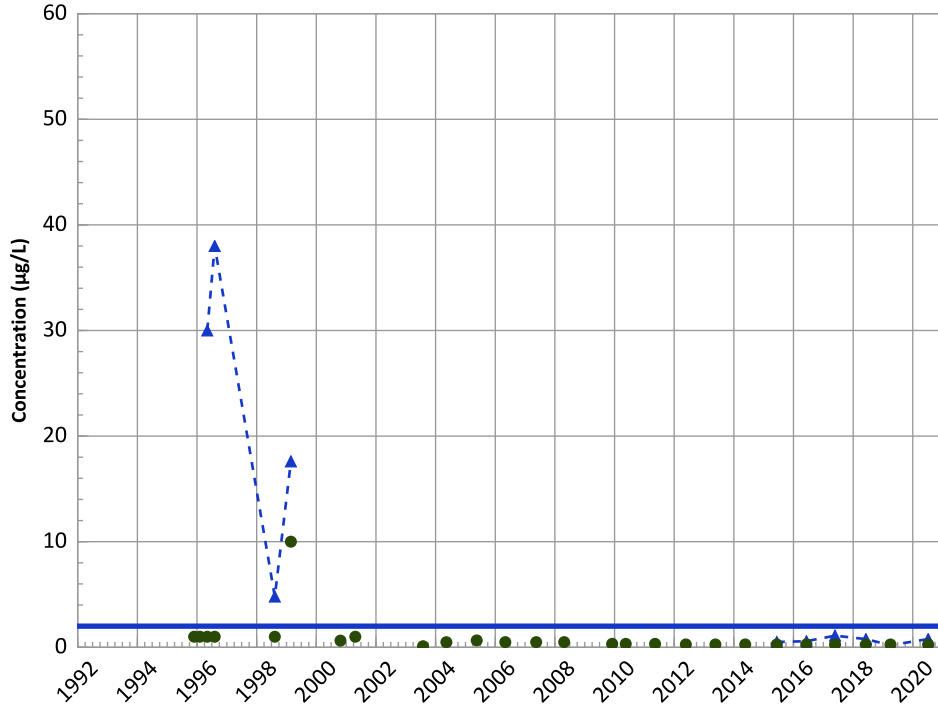
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/27/1995 to 07/08/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

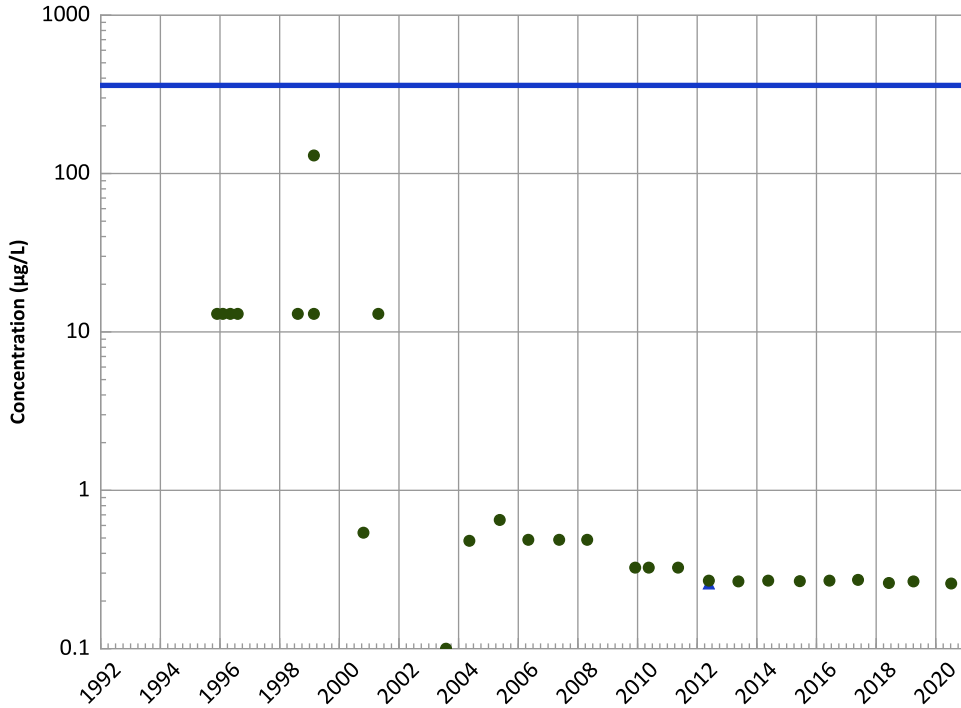
2018 - 2020 Data:

No Trend

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

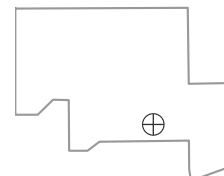
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

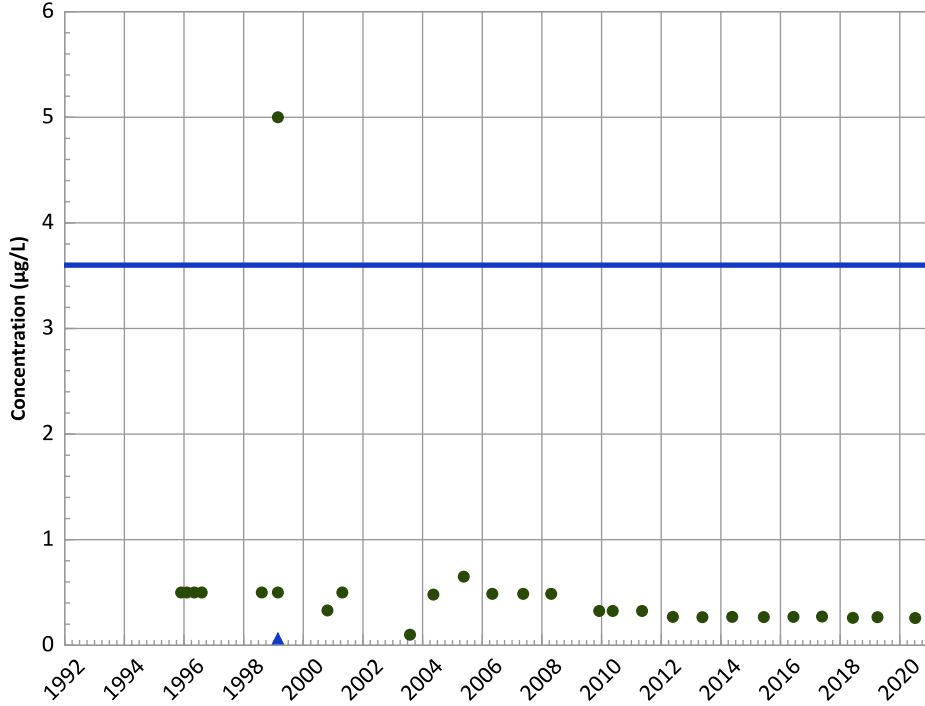
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

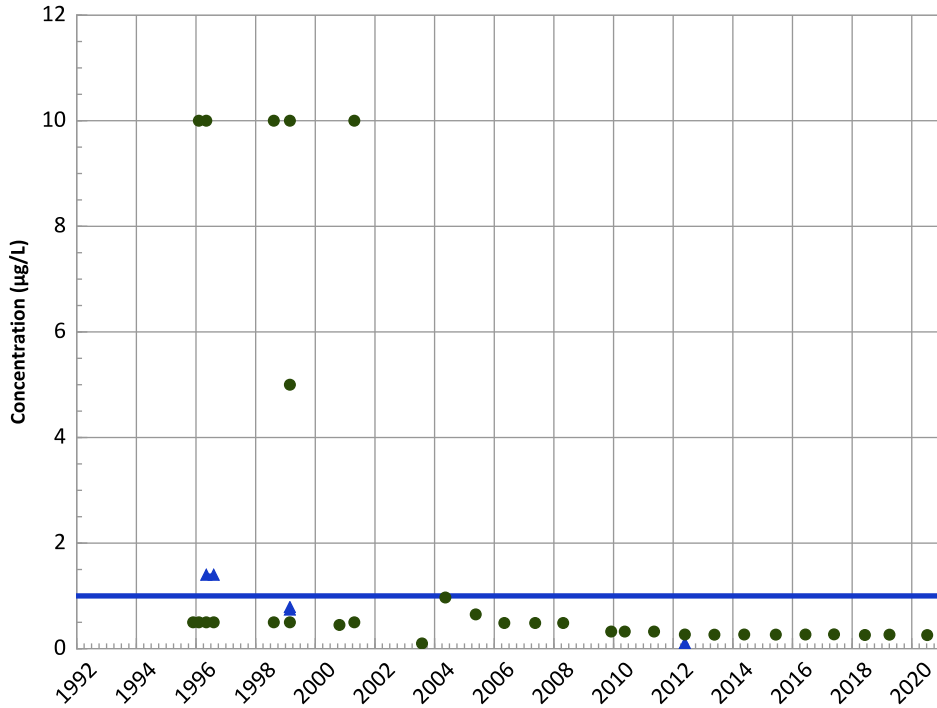
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

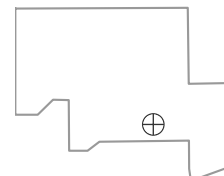
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

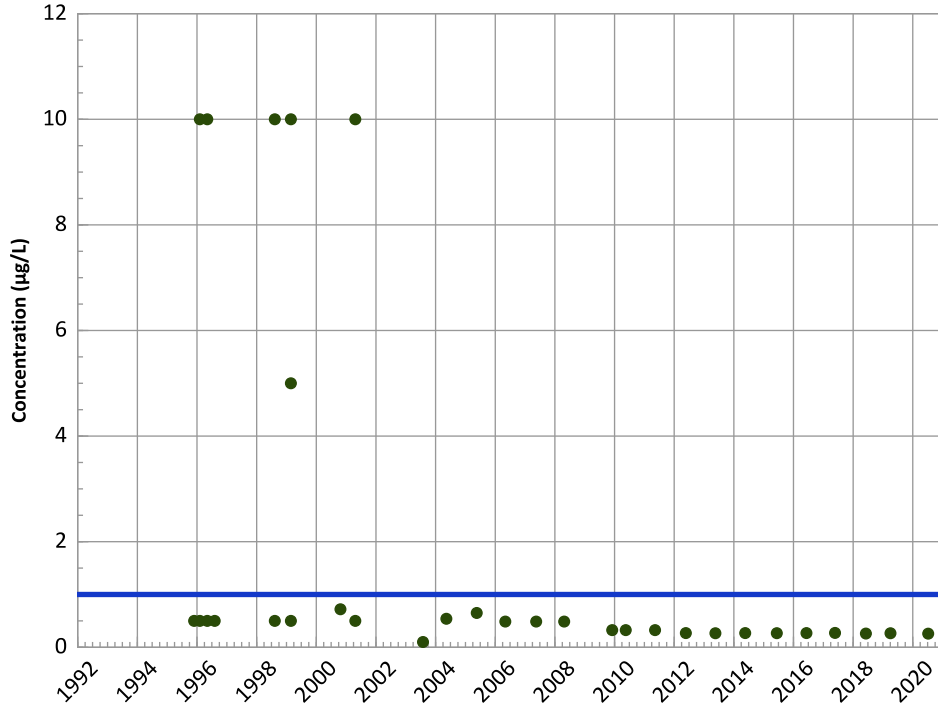
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

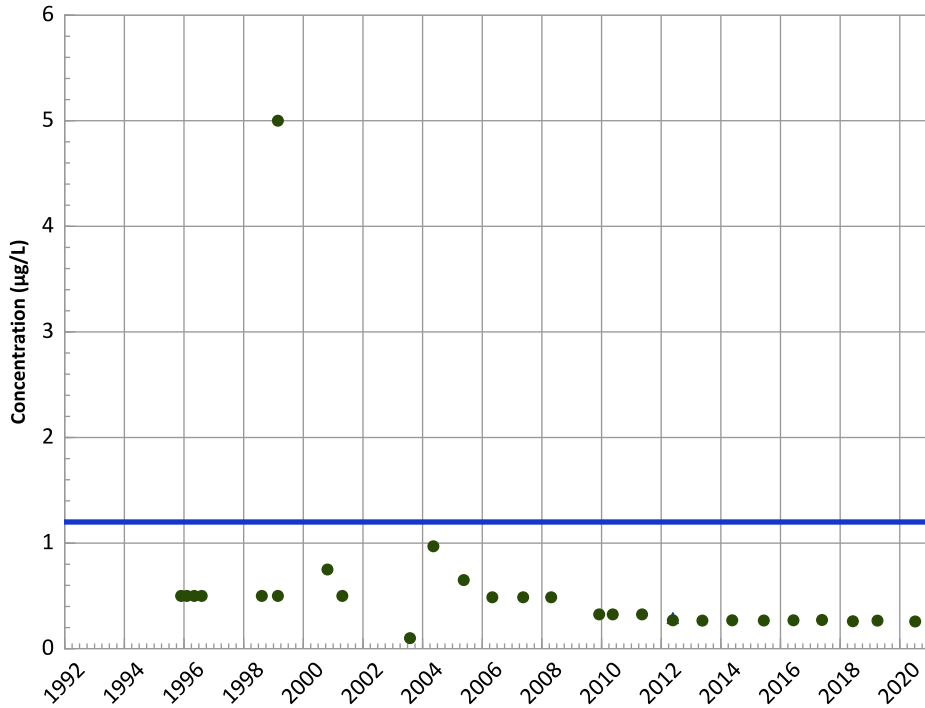
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

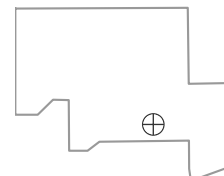
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

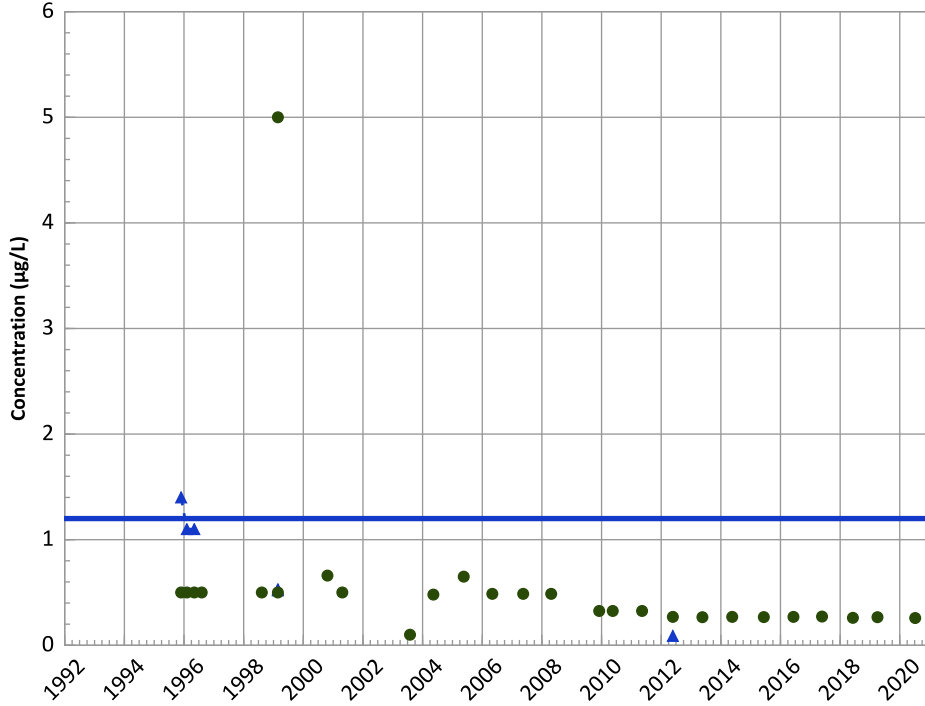
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

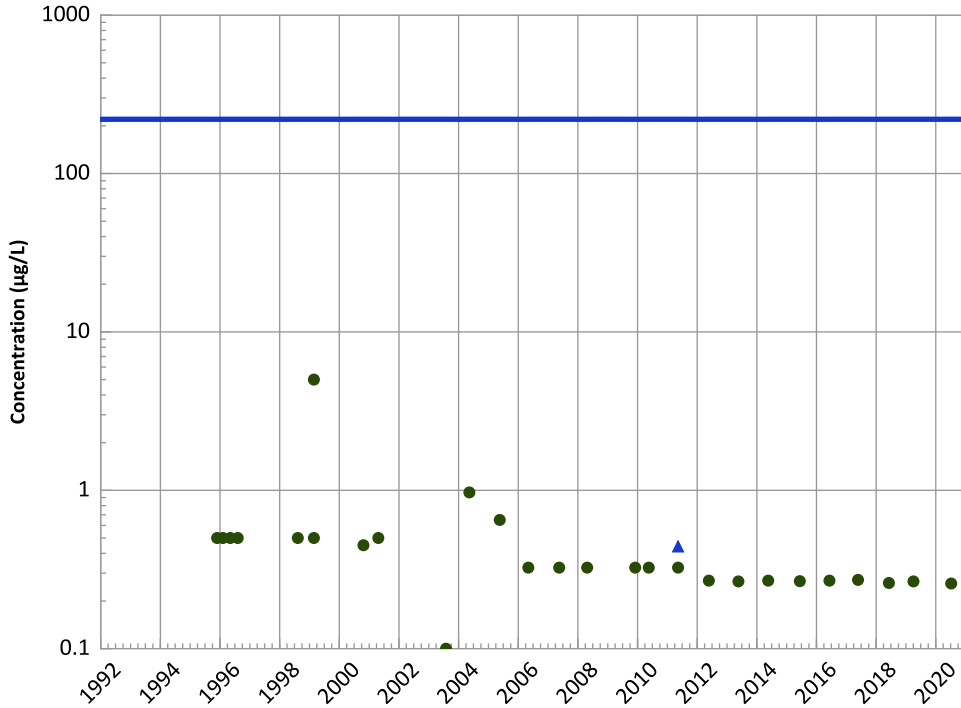
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

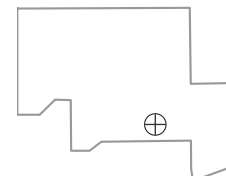
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

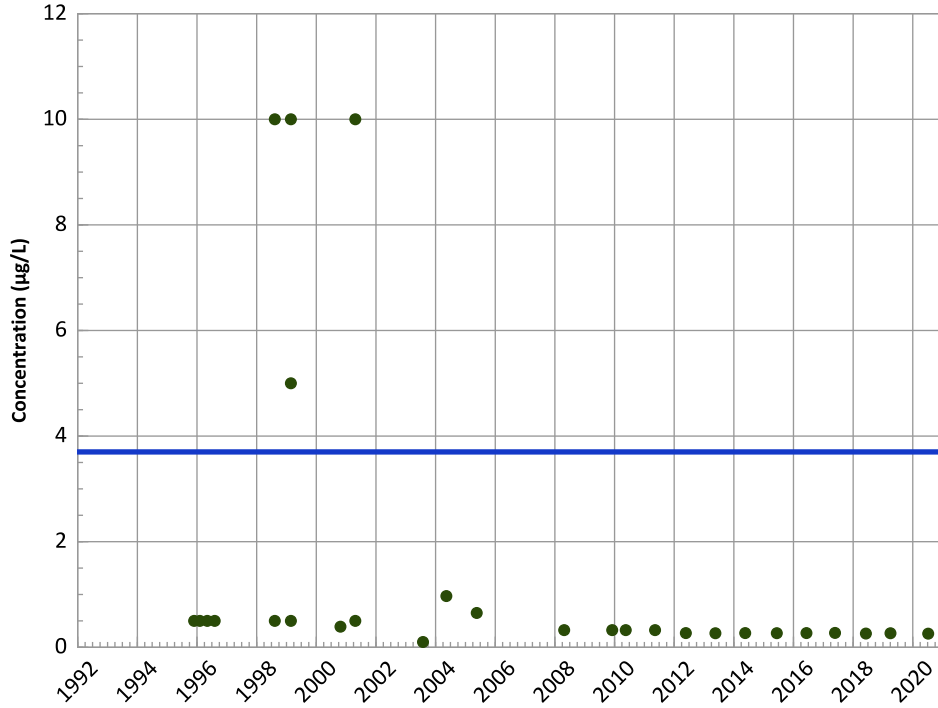
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

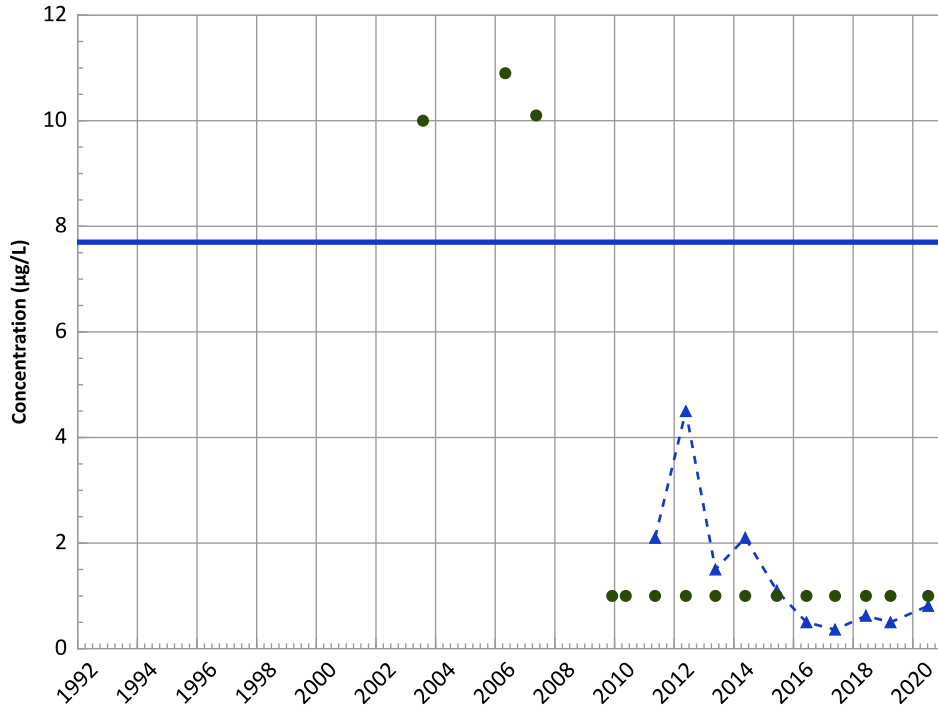
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

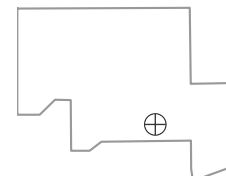
All Data:

Decreasing

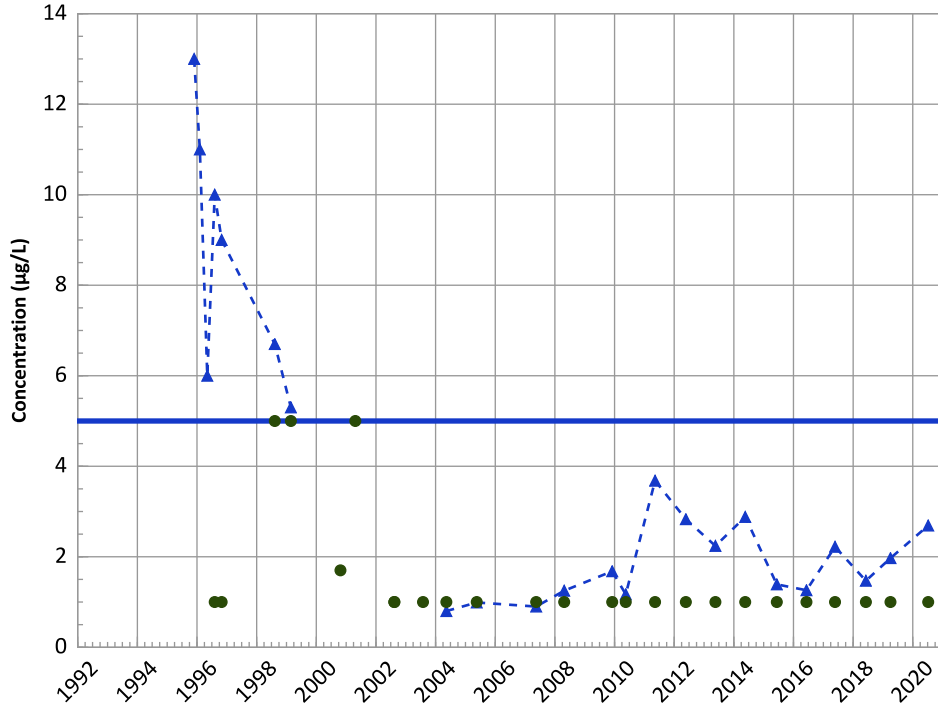
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

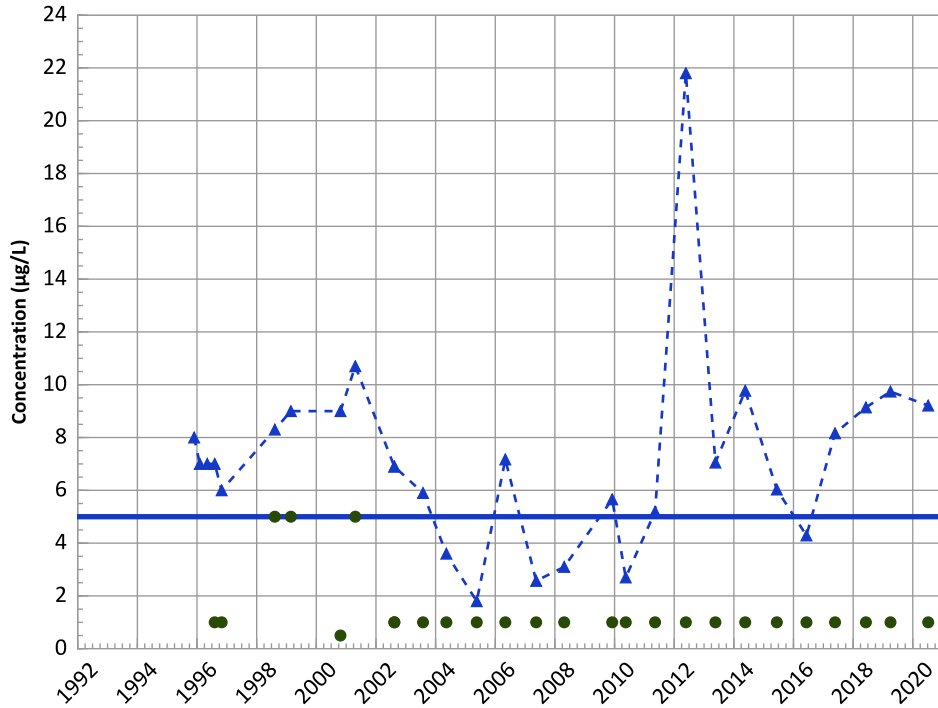
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

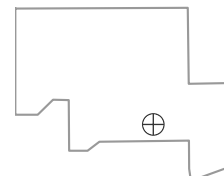
All Data:

Increasing

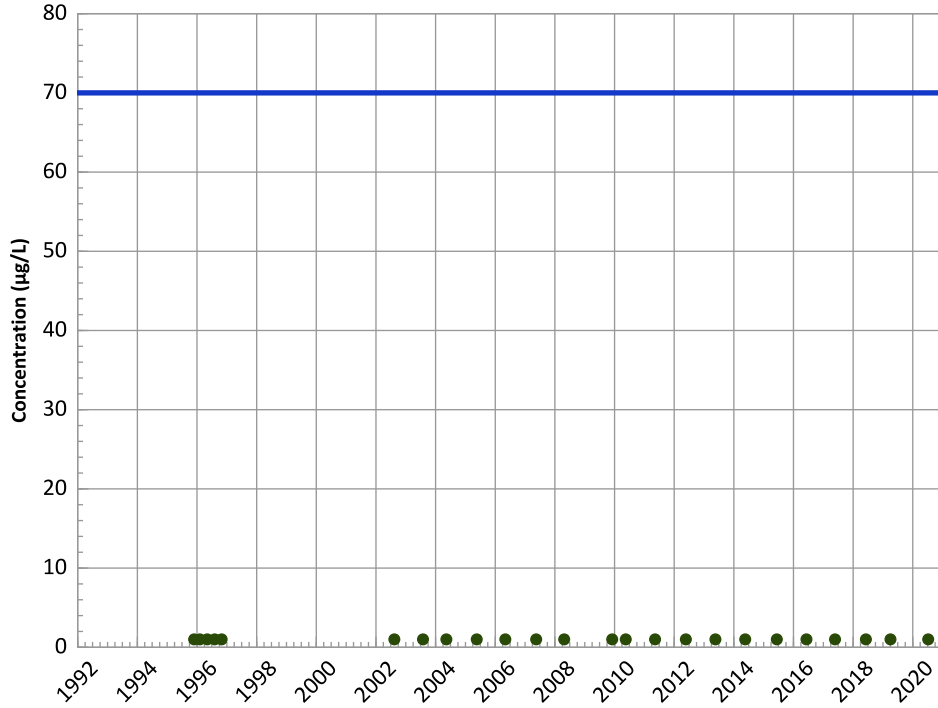
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

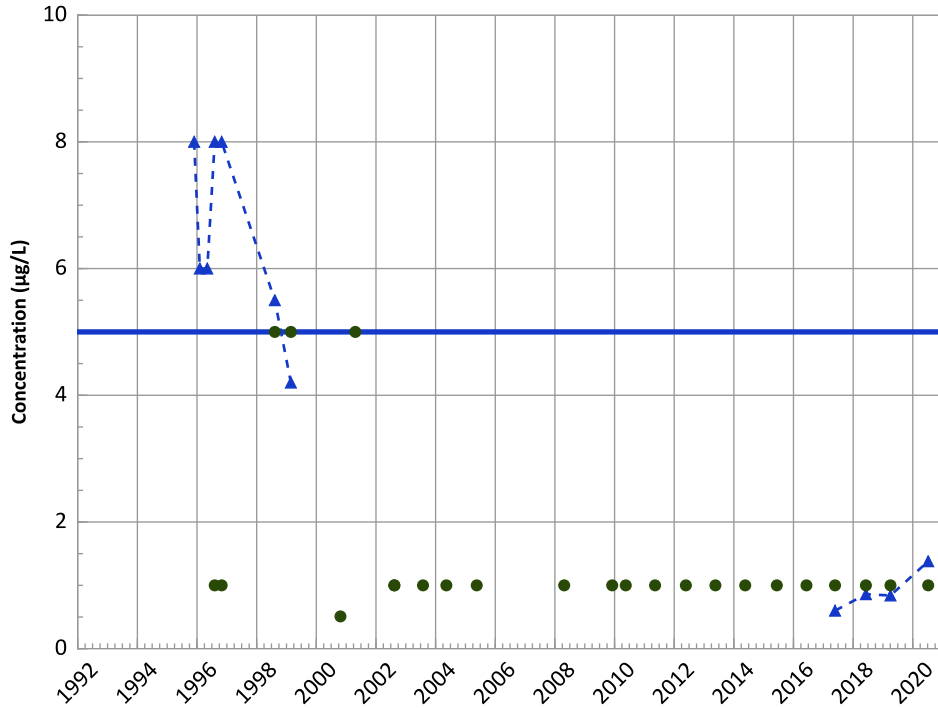
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

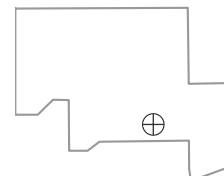
All Data:

Decreasing

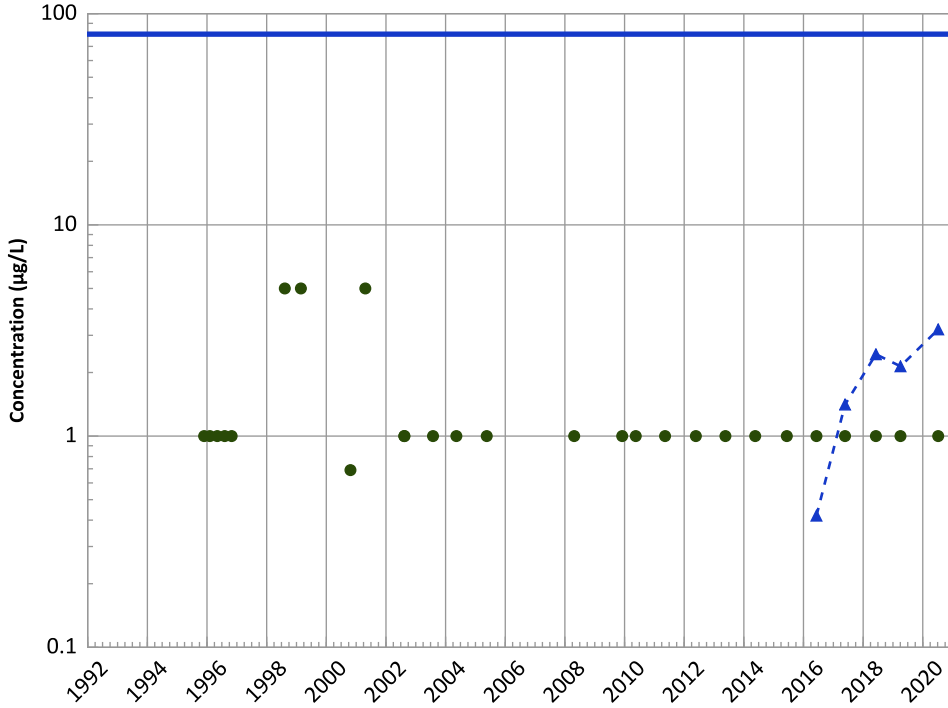
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

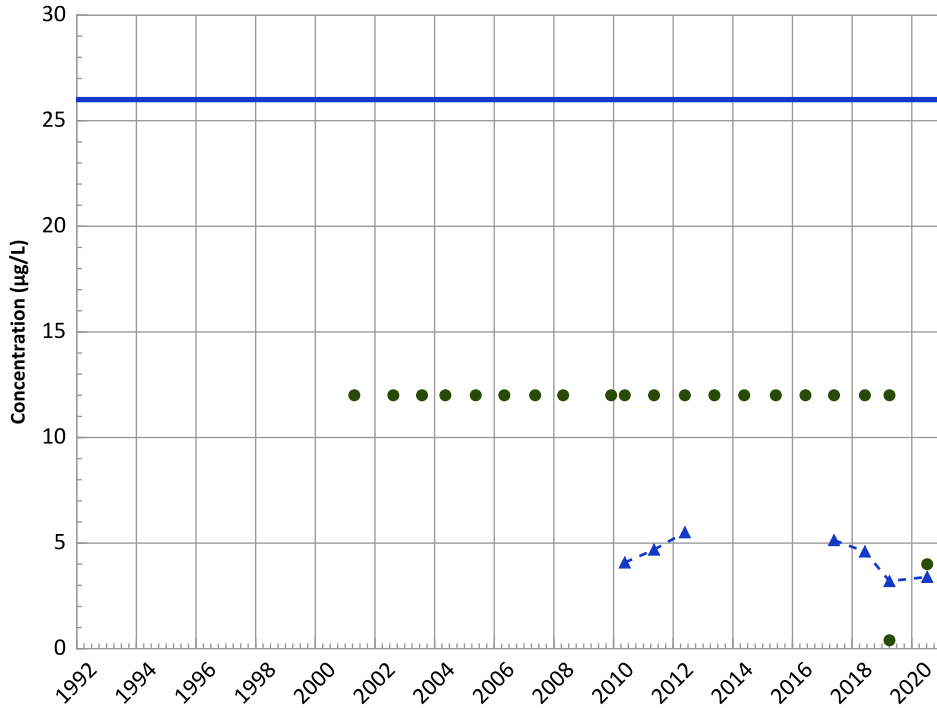


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Increasing

Perchlorate Trend



Concentration Trend

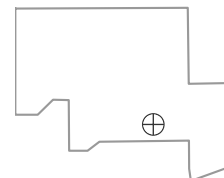
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

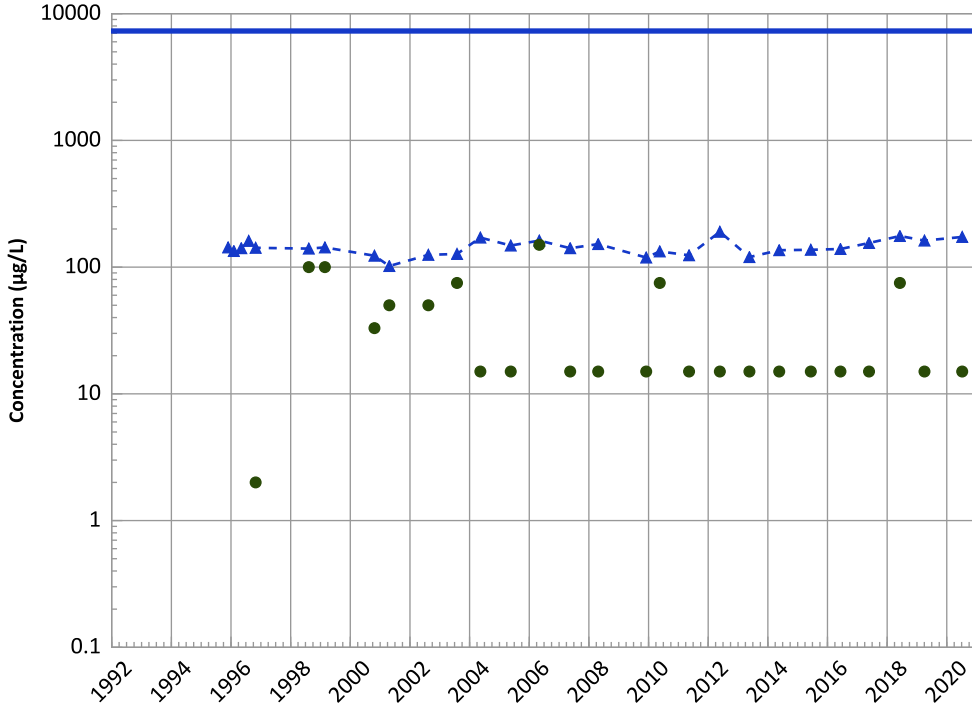
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

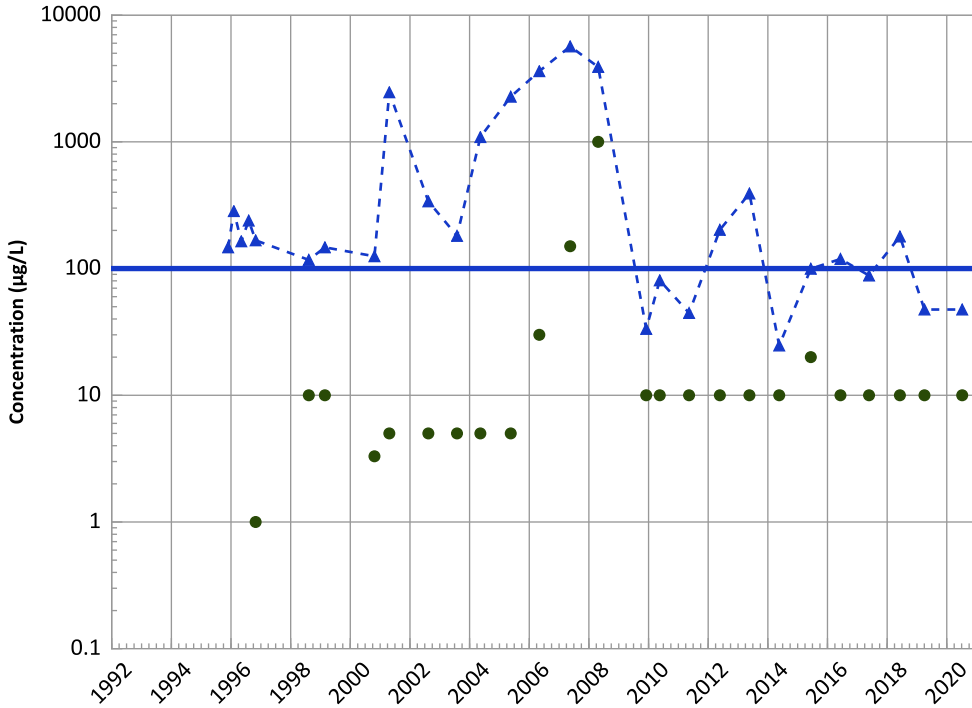
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

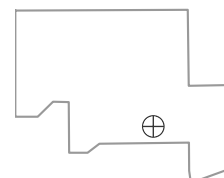
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

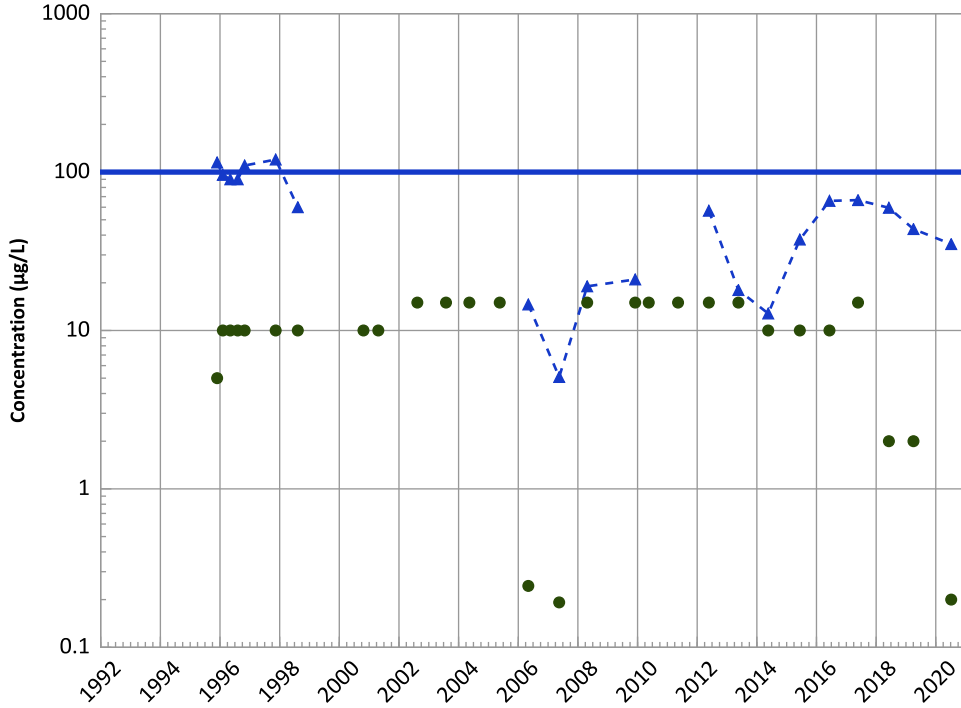
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

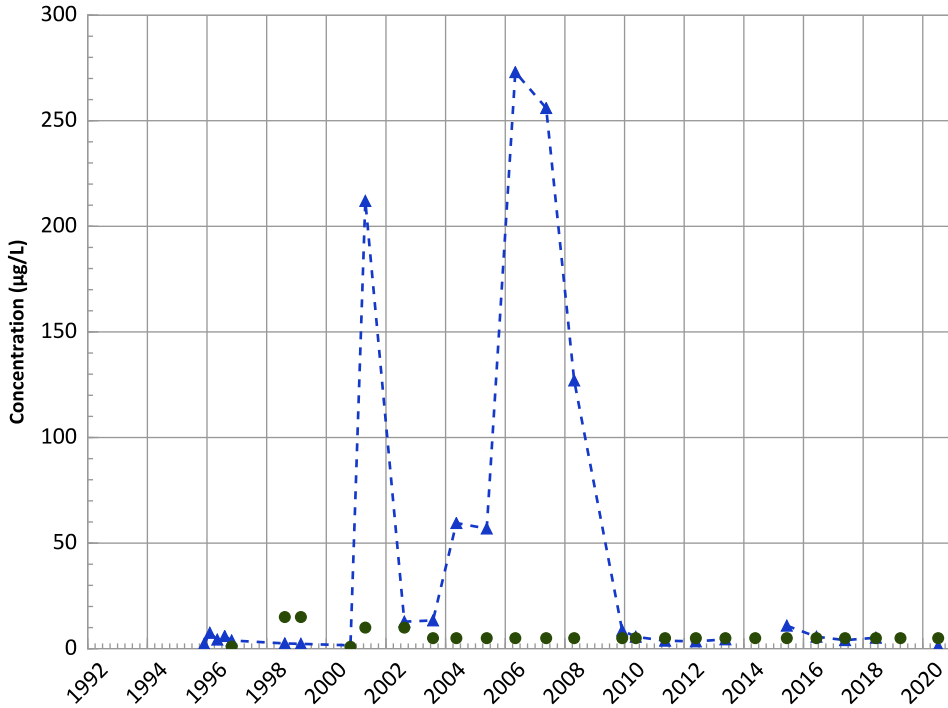
2018 - 2020 Data:

Decreasing

All Data:

Probably Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

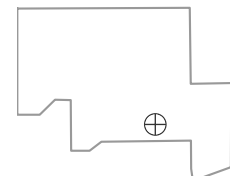
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

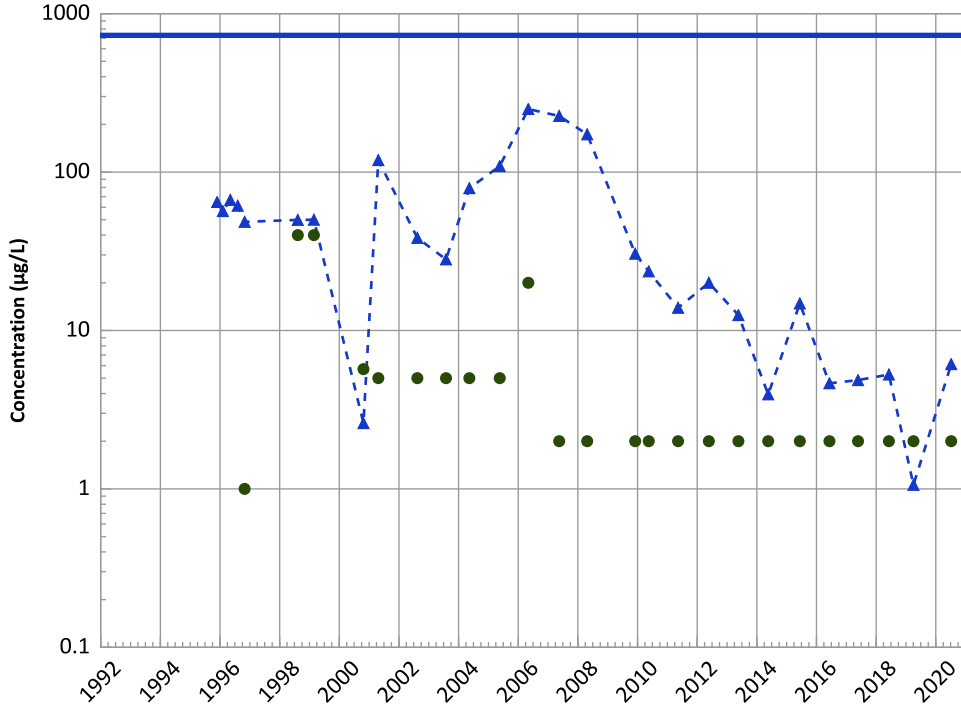
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

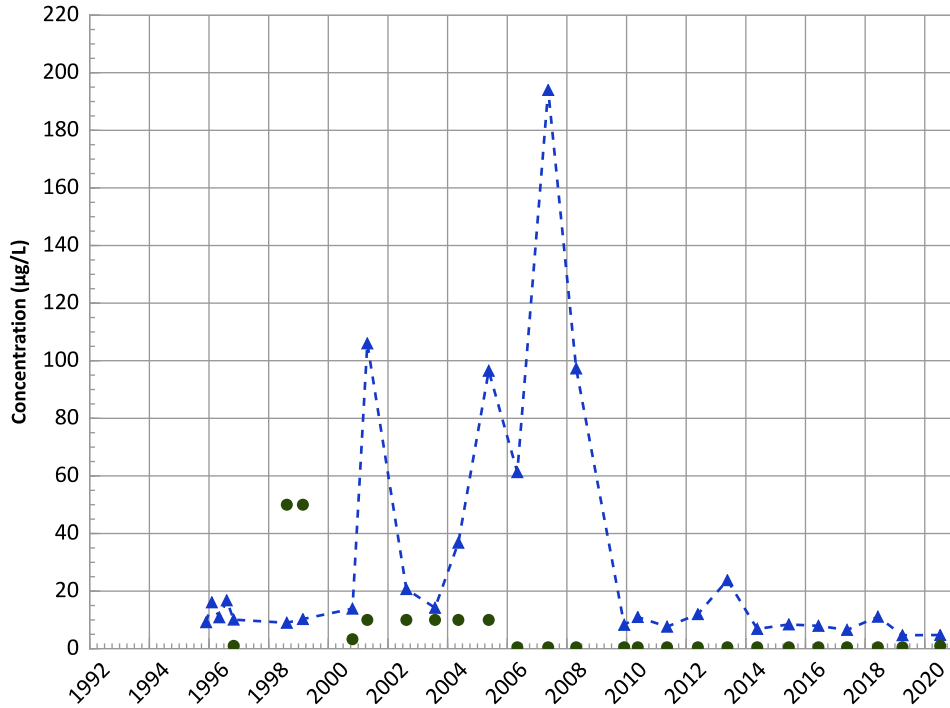
2018 - 2020 Data:

Stable

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

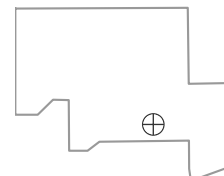
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

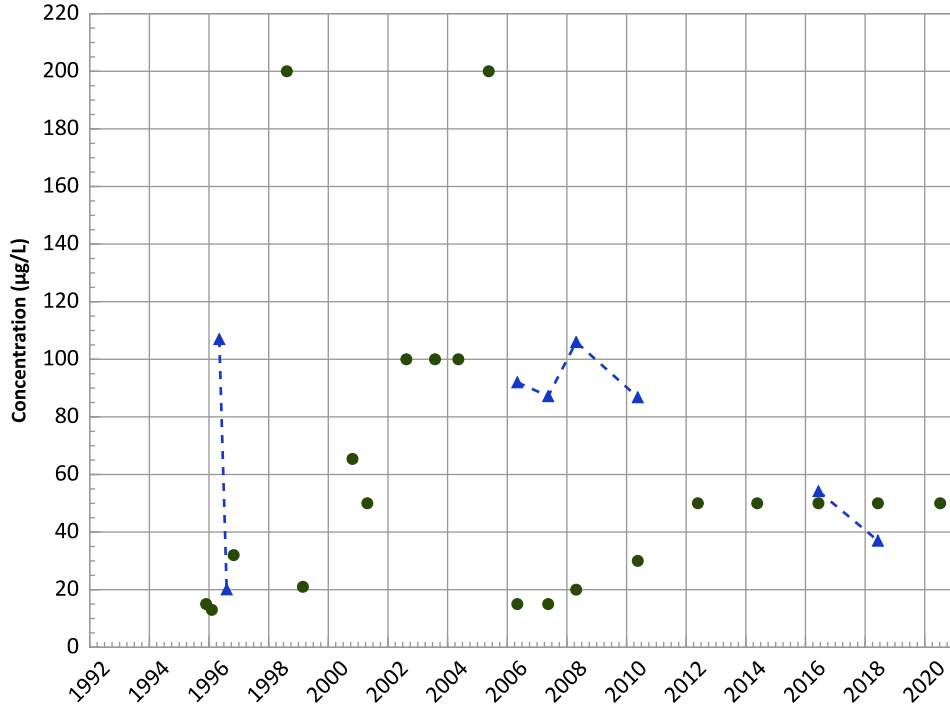
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

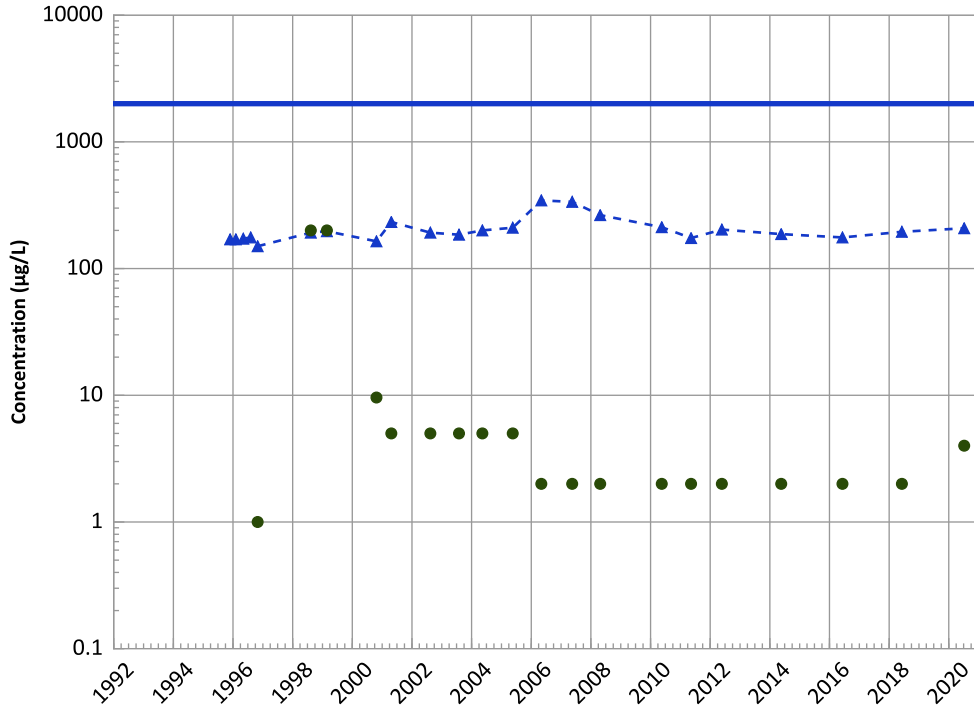


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
No Trend

Barium Trend



Concentration Trend

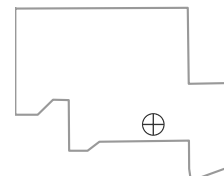
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

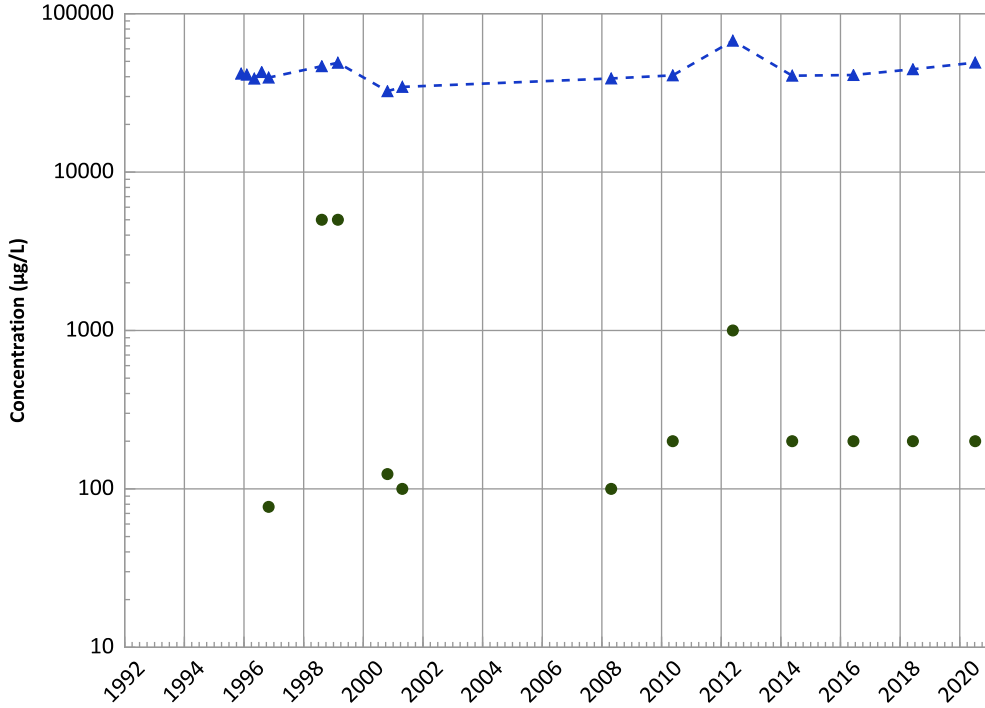
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

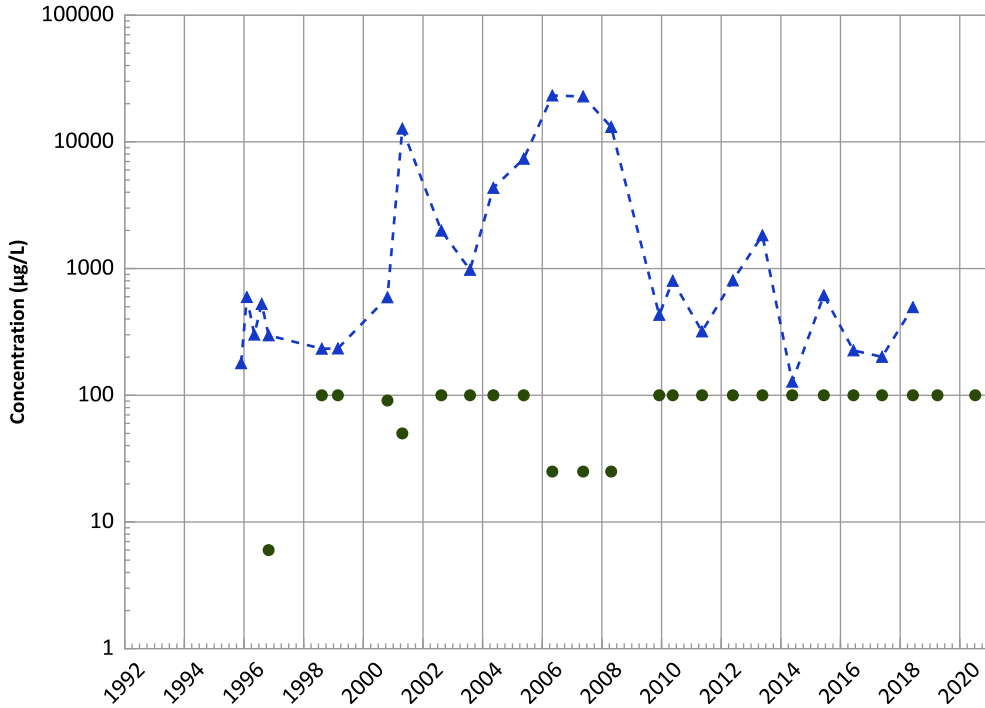
2018 - 2020 Data:

Increasing

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

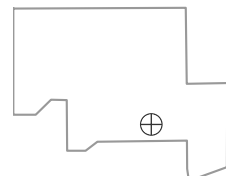
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

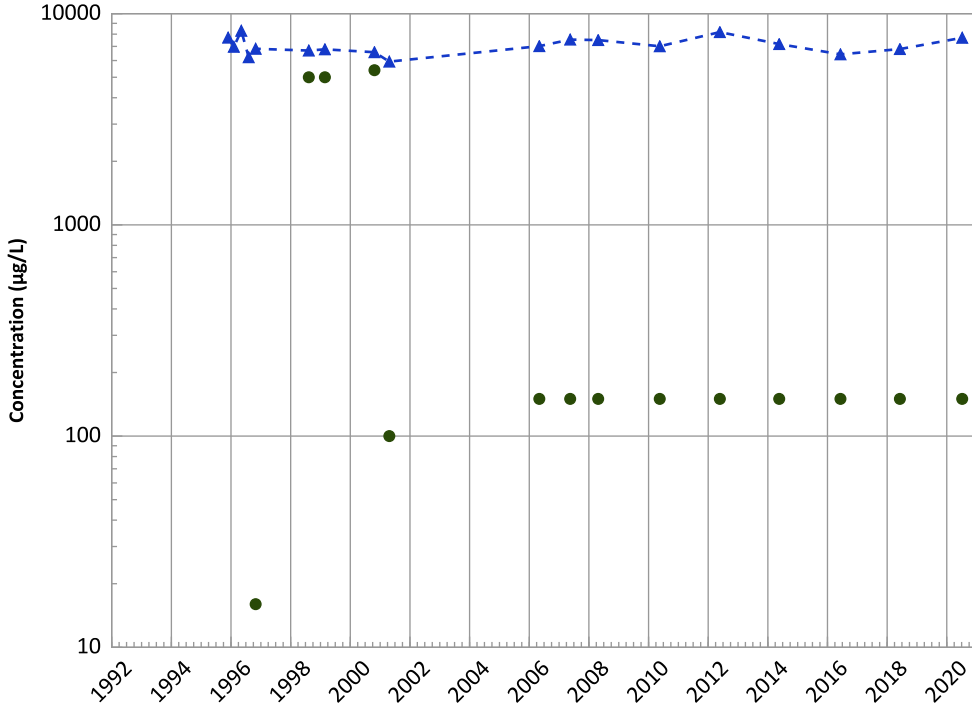


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

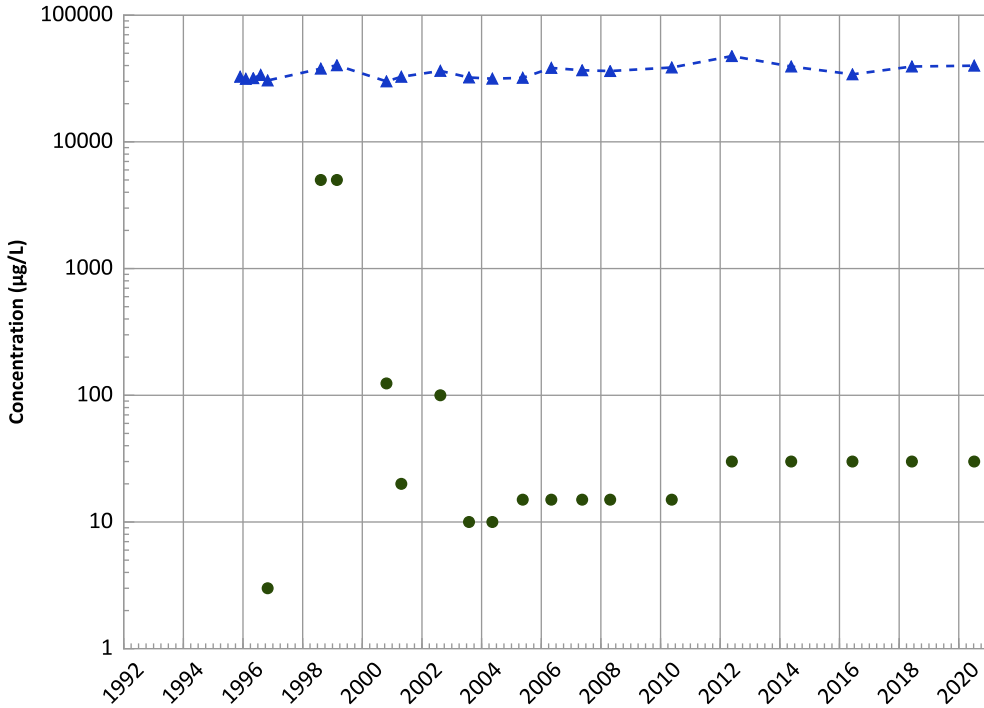
2018 - 2020 Data:

No Trend

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

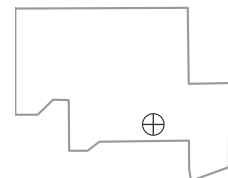
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

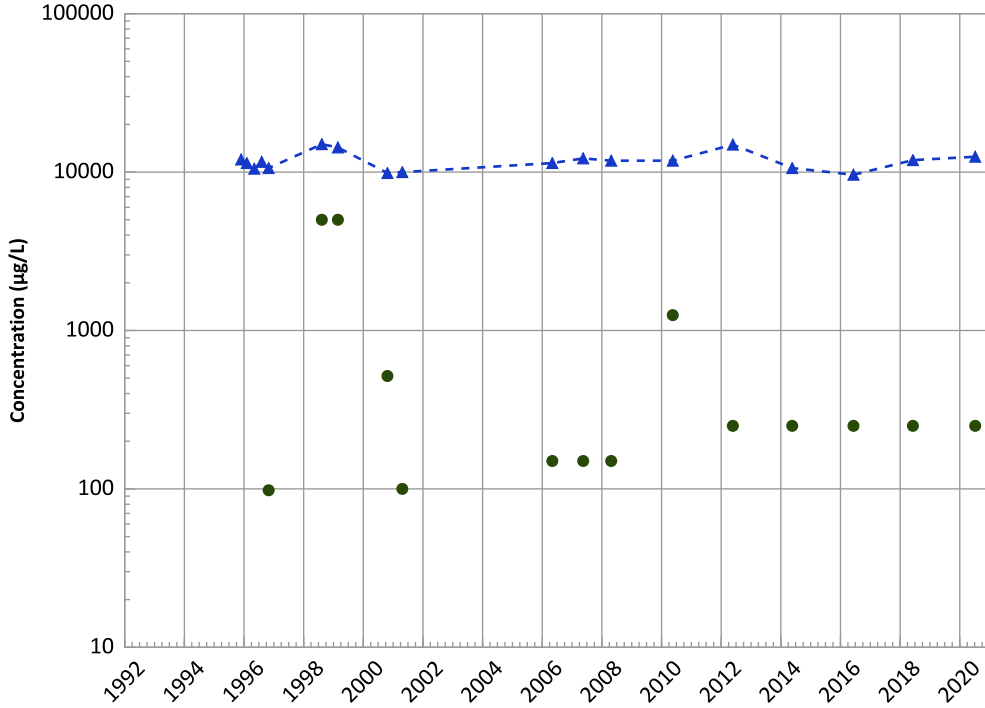
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

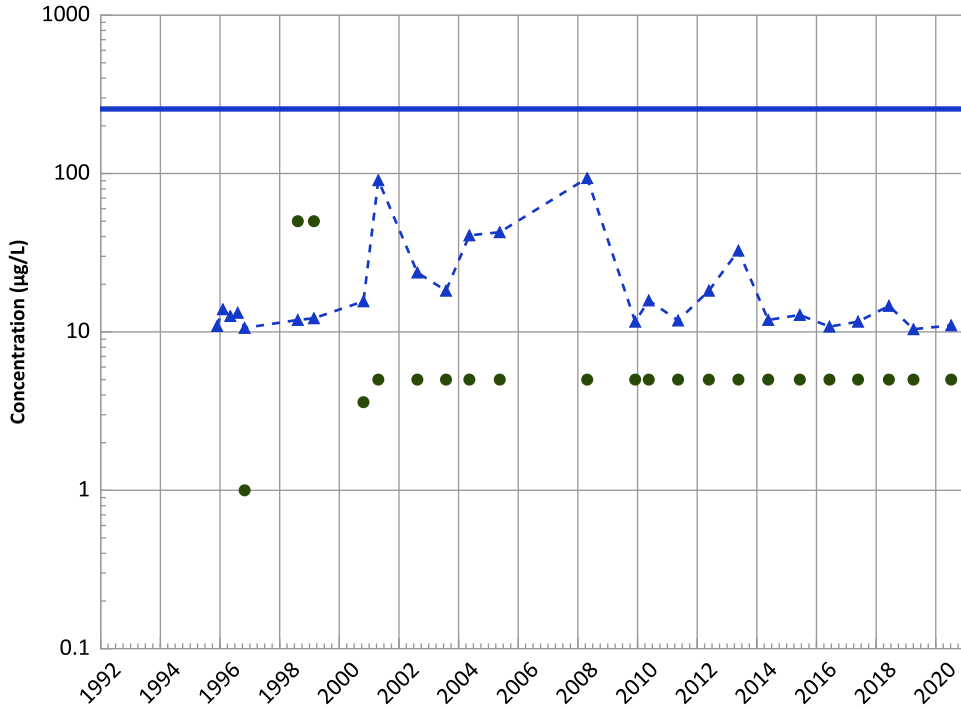
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

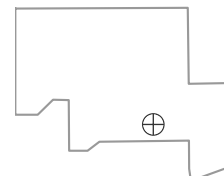
All Data:

Stable

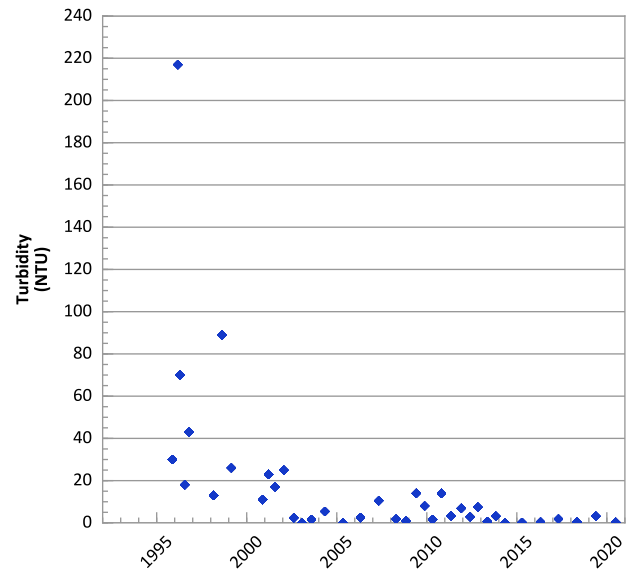
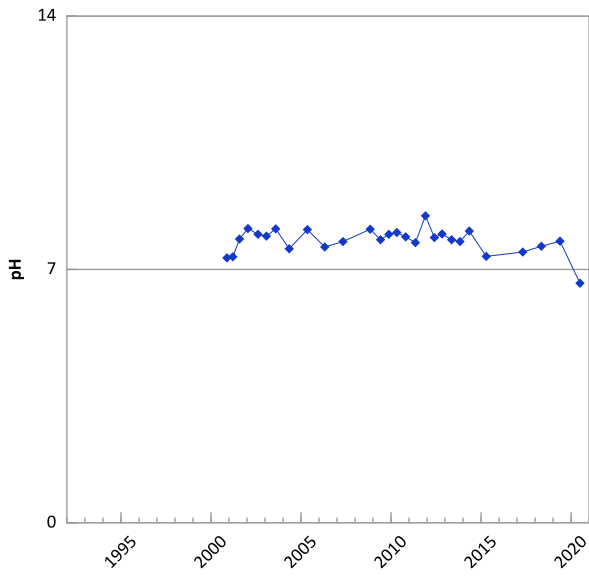
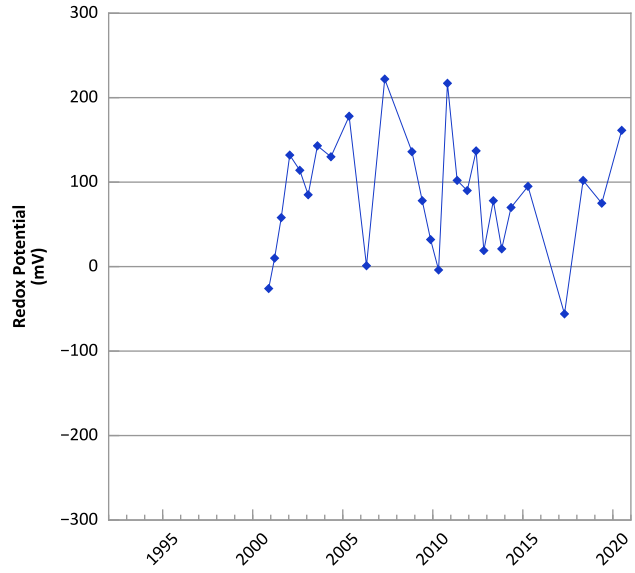
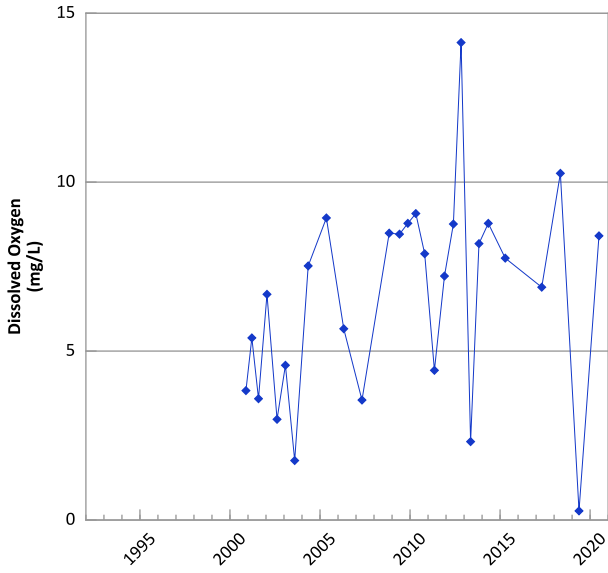
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/27/1995 to 07/08/2020
Analysis Date: 06/03/2021

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

Well Location

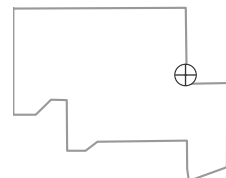


**PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



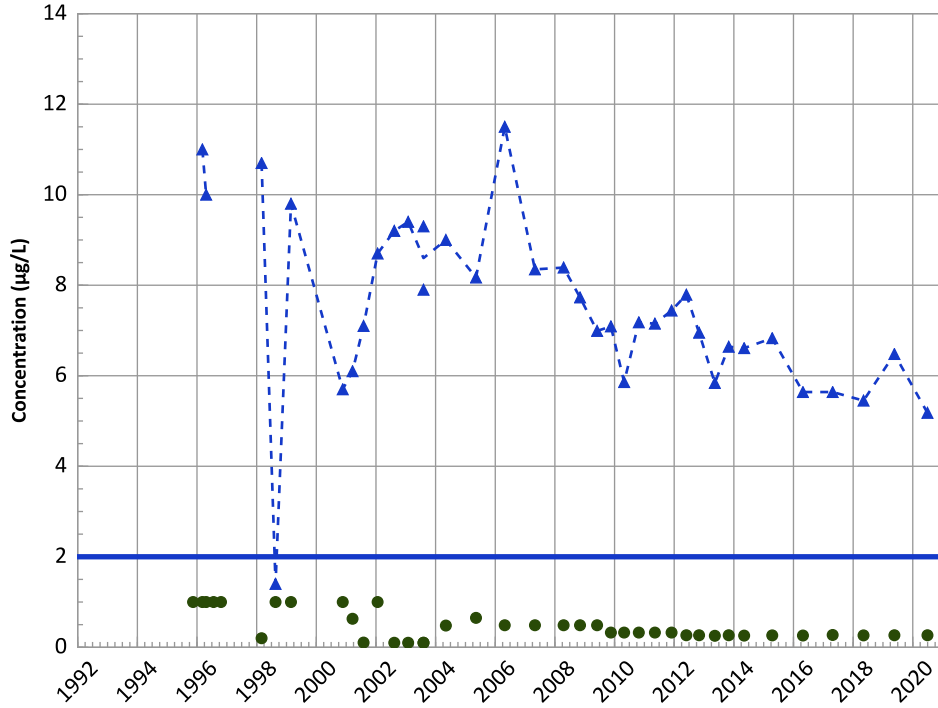
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/14/1995 to 06/29/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

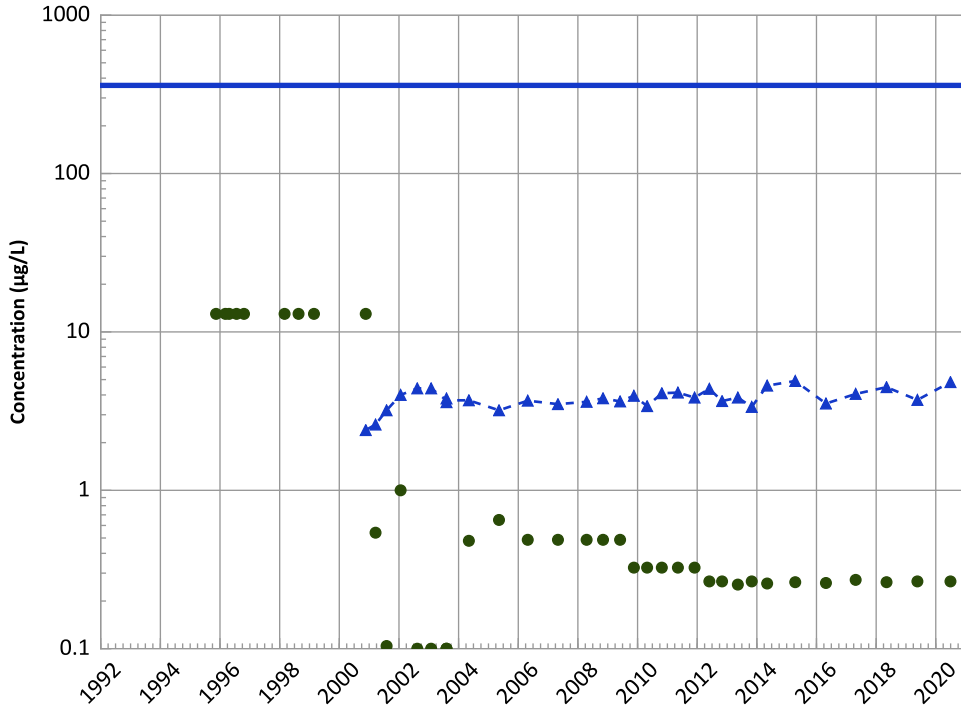
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

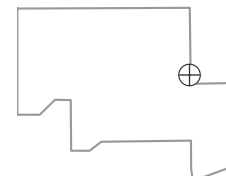
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

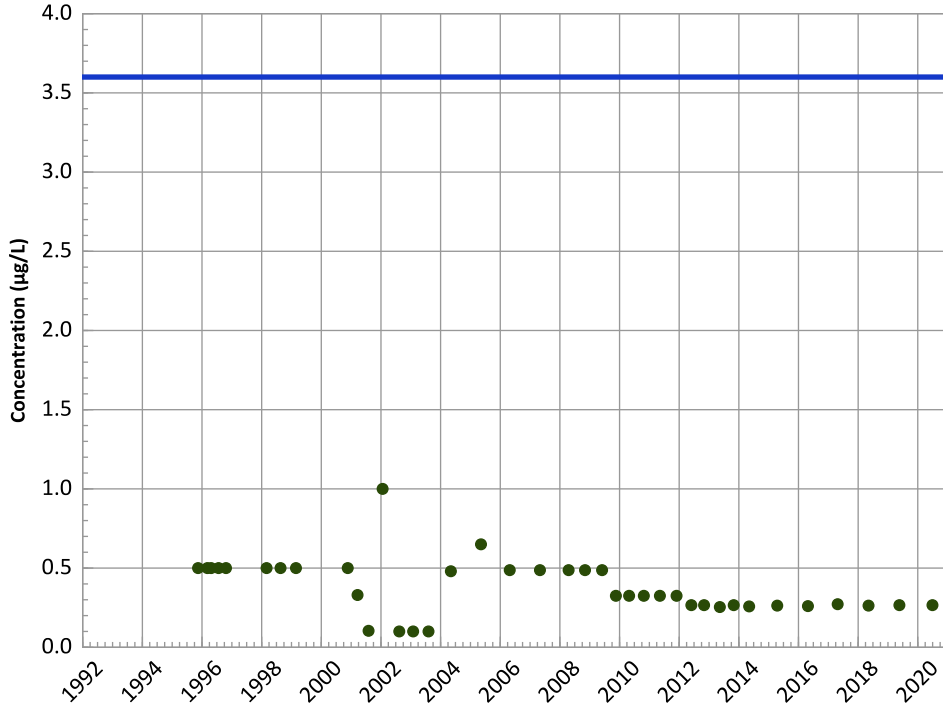
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

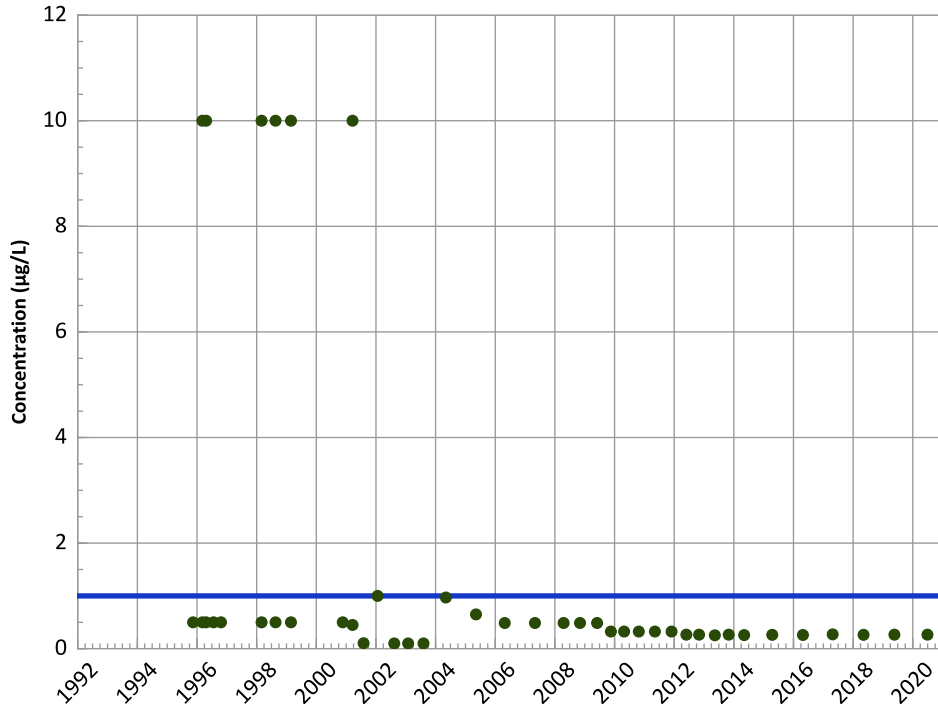
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

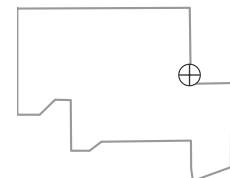
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

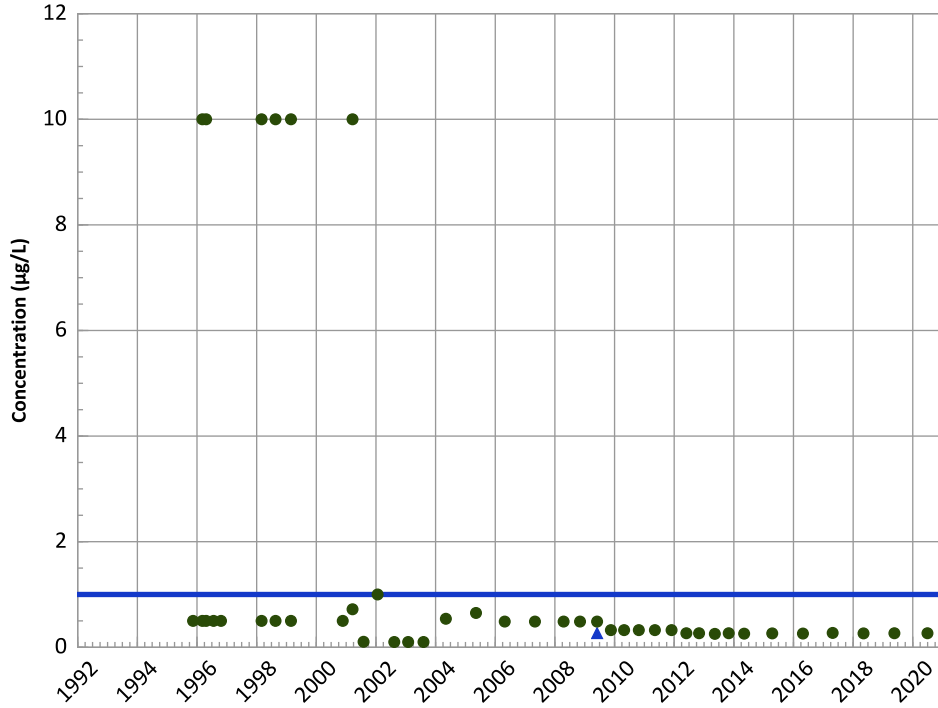
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

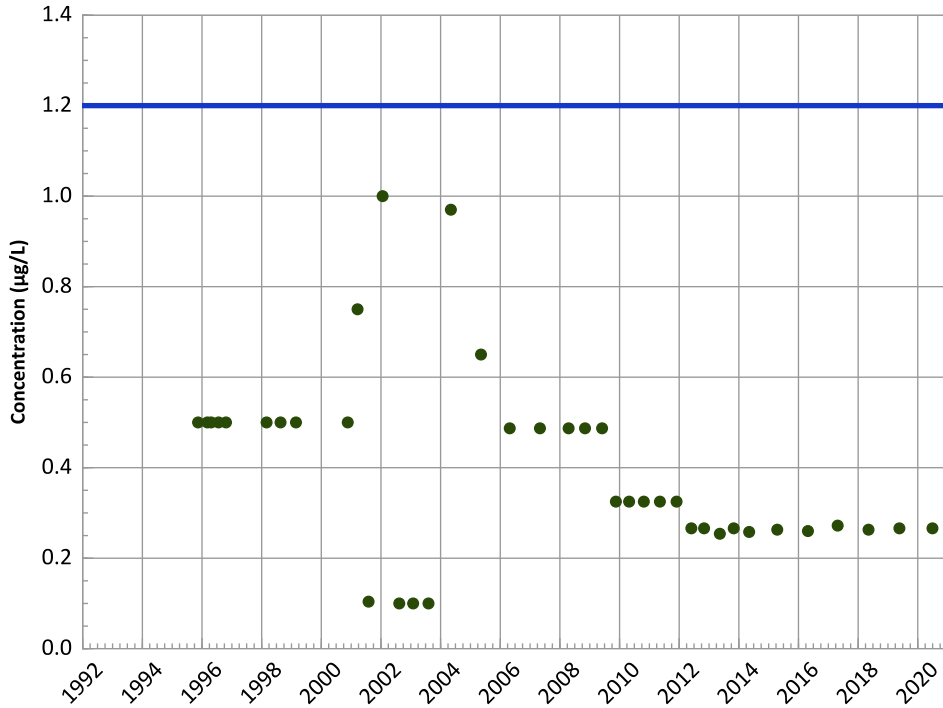
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

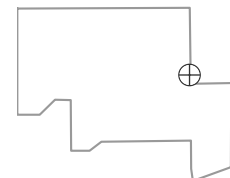
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

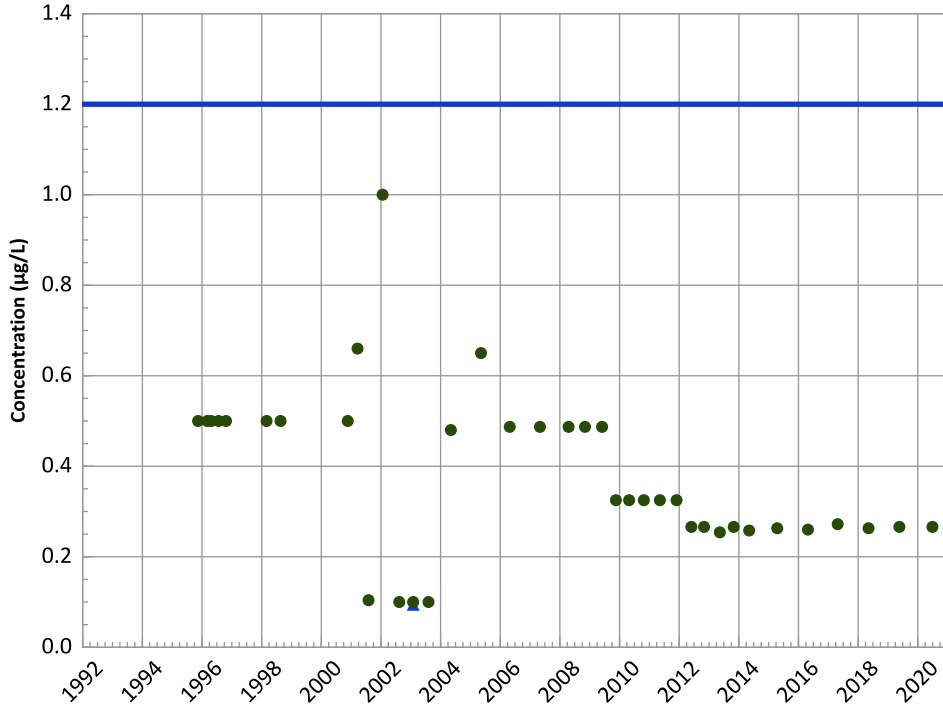
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

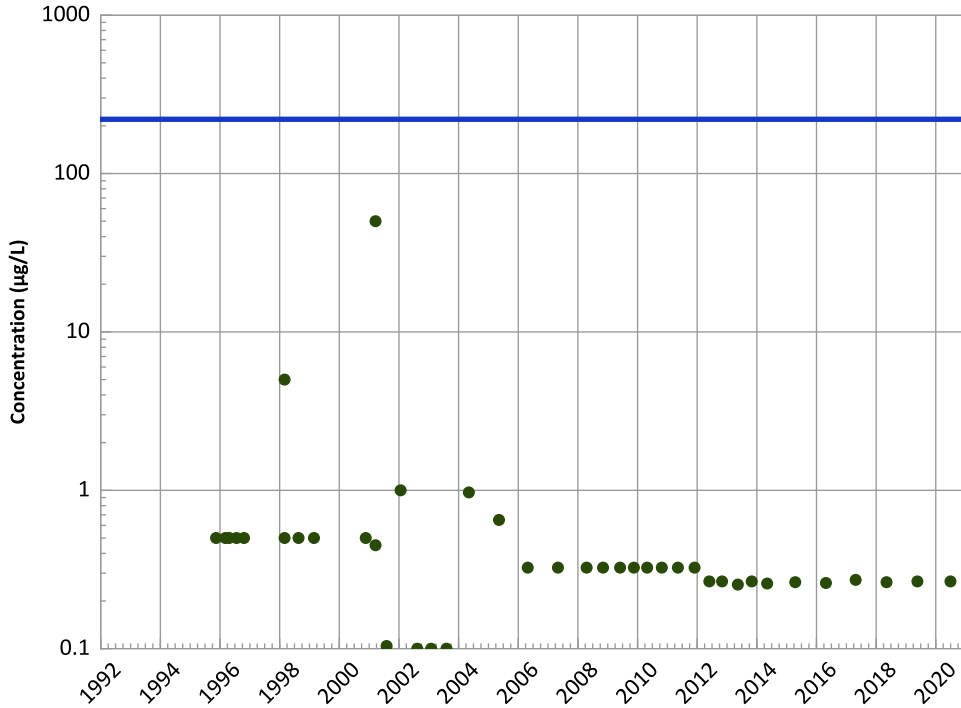
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

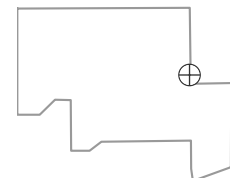
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

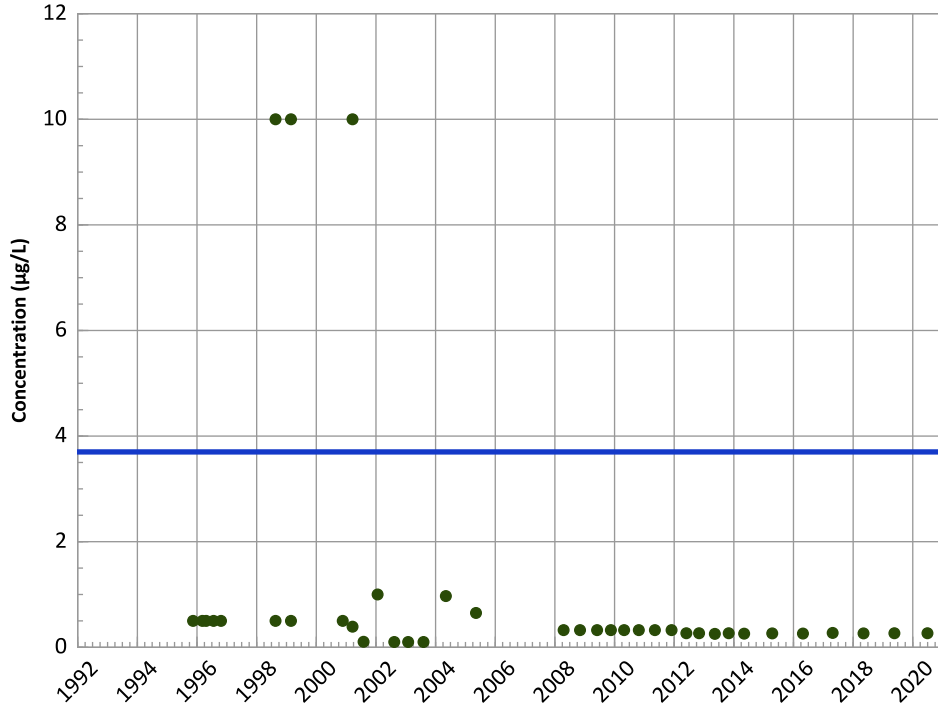
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

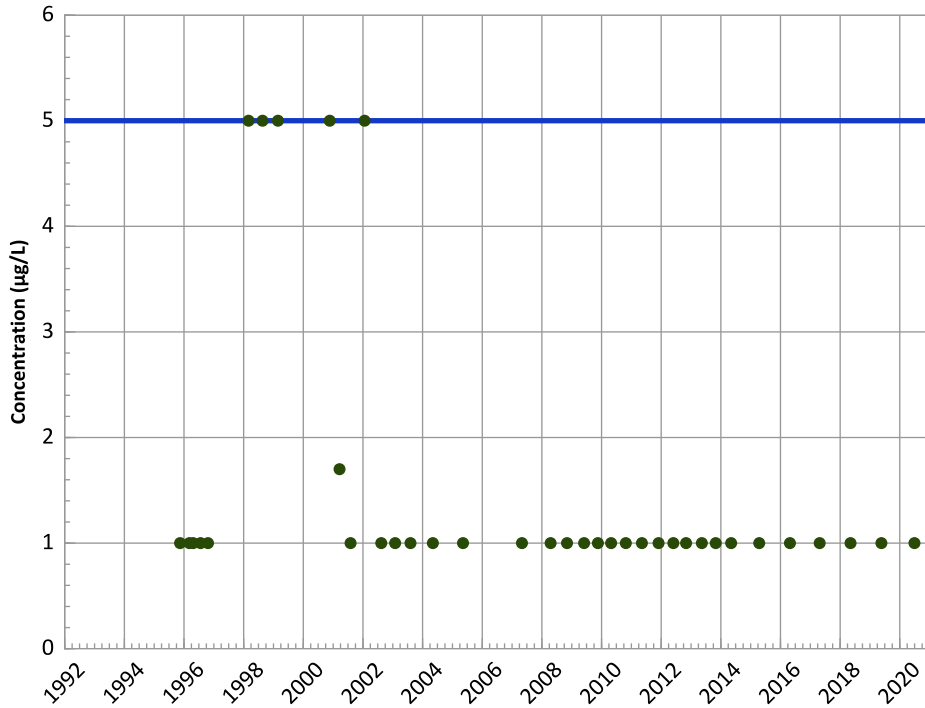
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

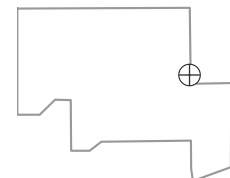
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

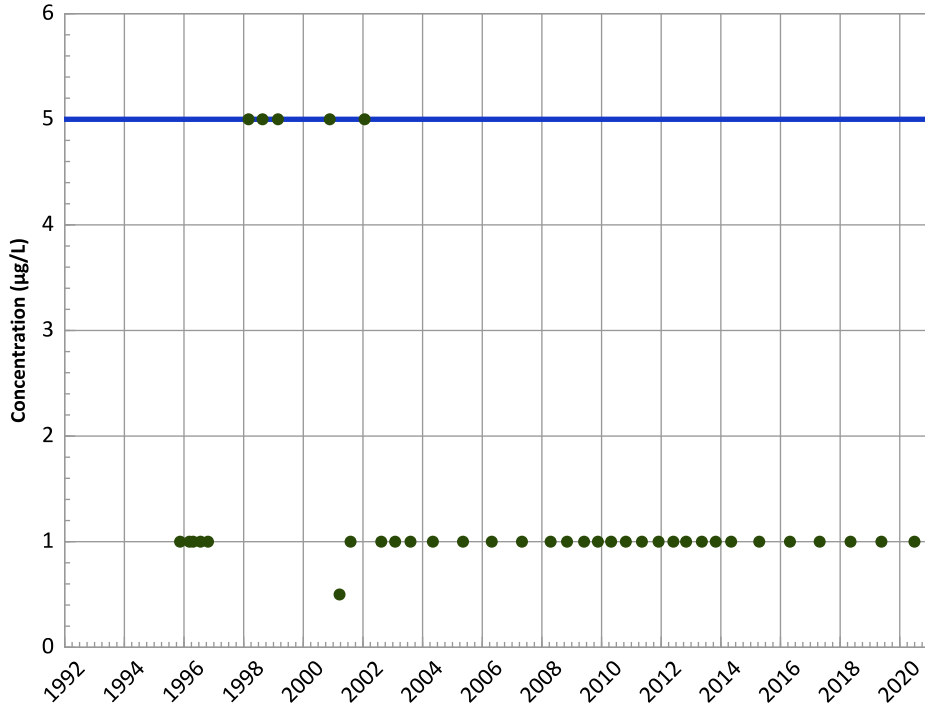
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

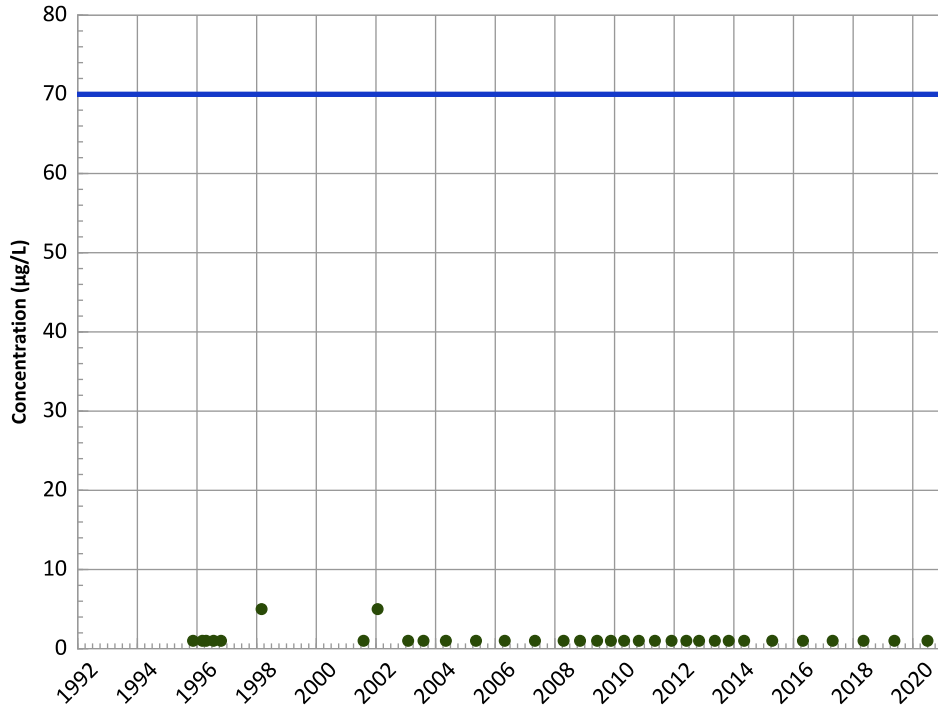
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

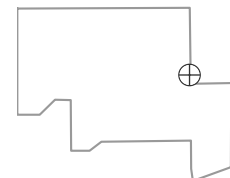
All Data:

All Non-Detect

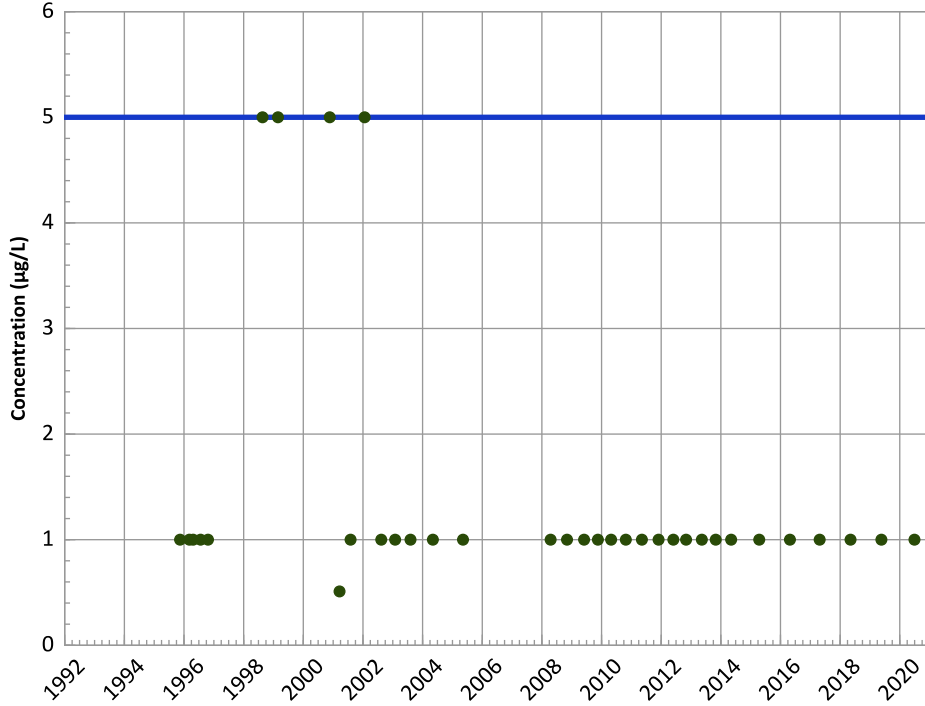
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

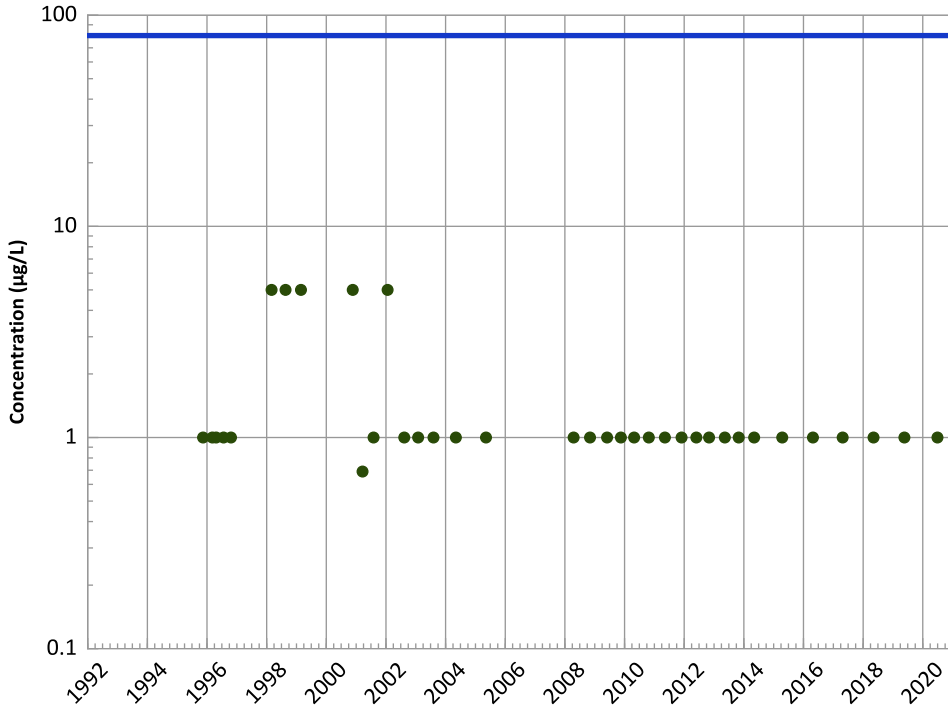
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

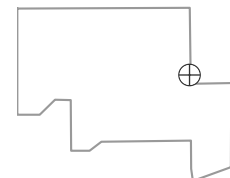
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

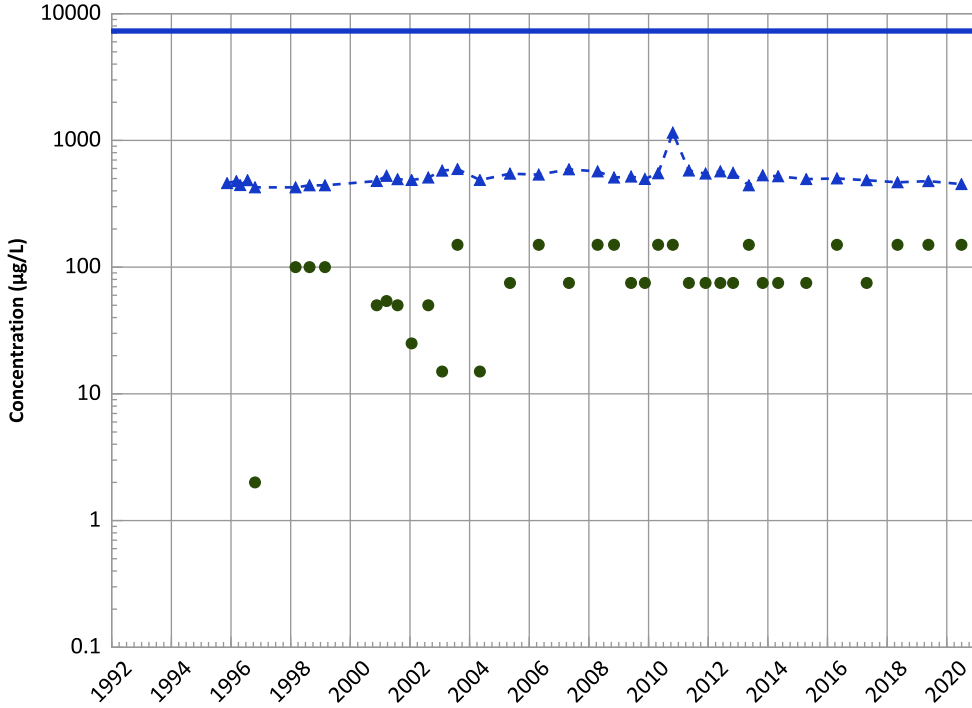
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

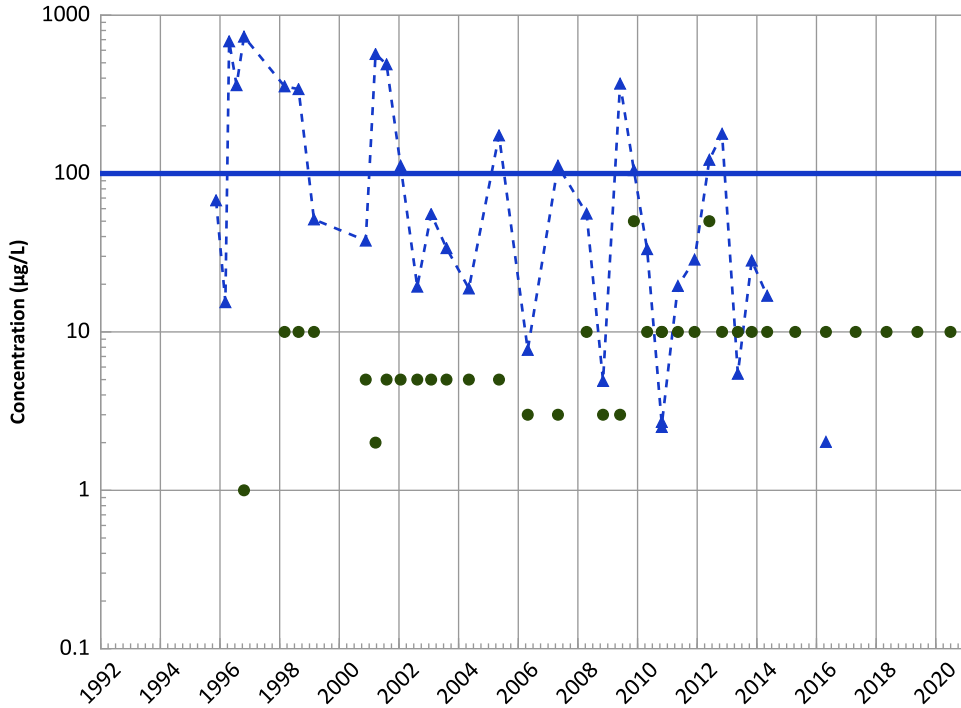
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Probably Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
Decreasing

MAROS Linear Regression Method

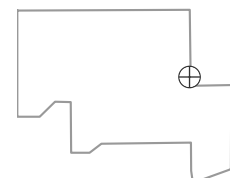
2018 - 2020 Data:
Stable

All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

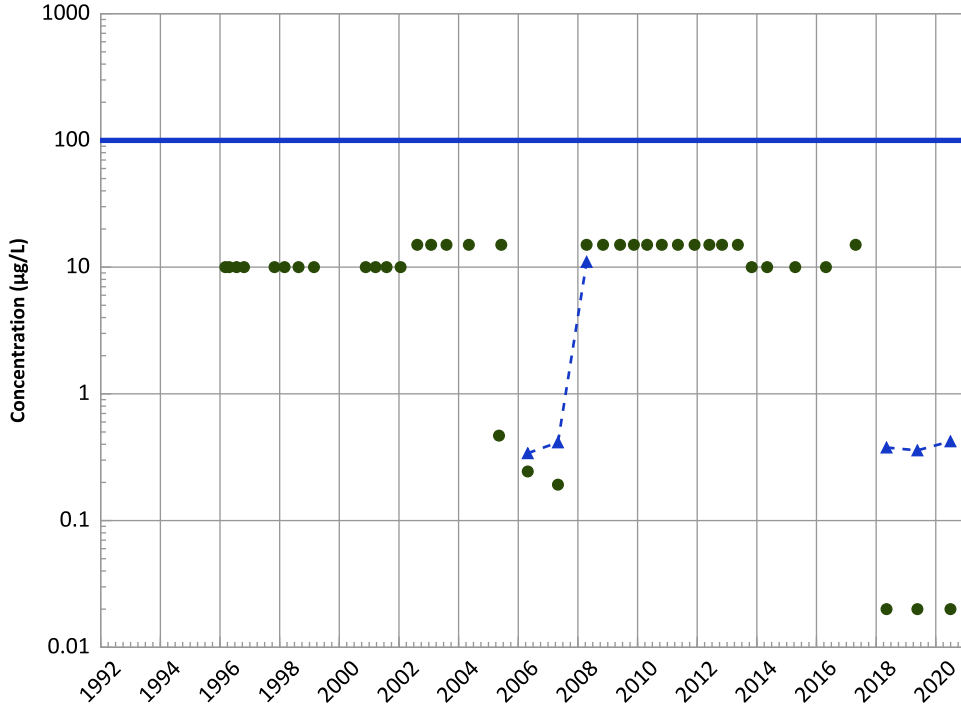
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Probably Increasing

MAROS Linear Regression Method

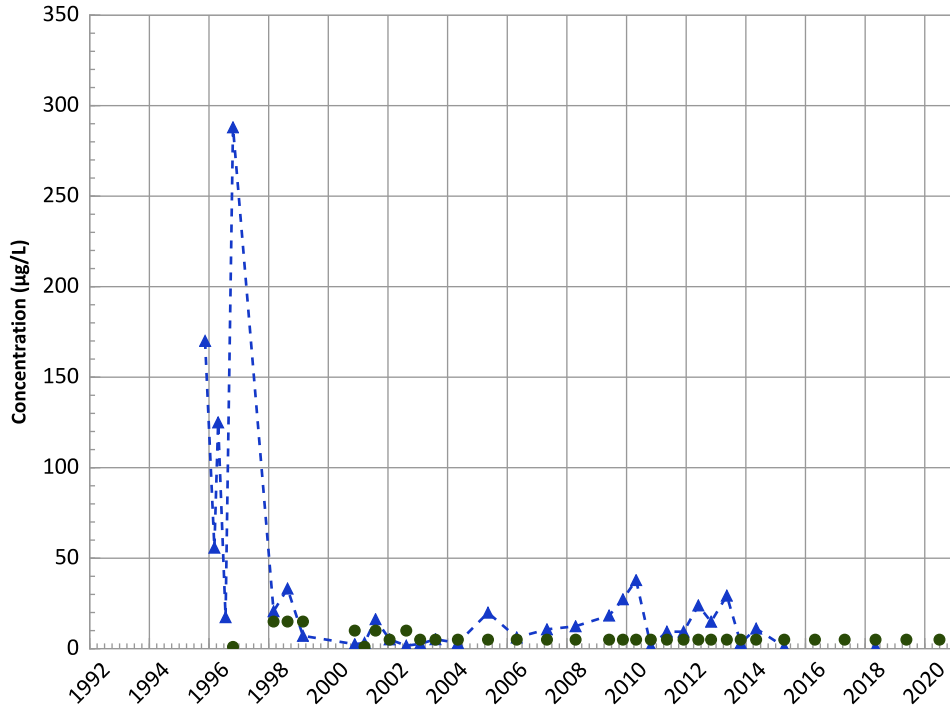
2018 - 2020 Data:

No Trend

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

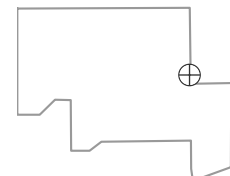
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

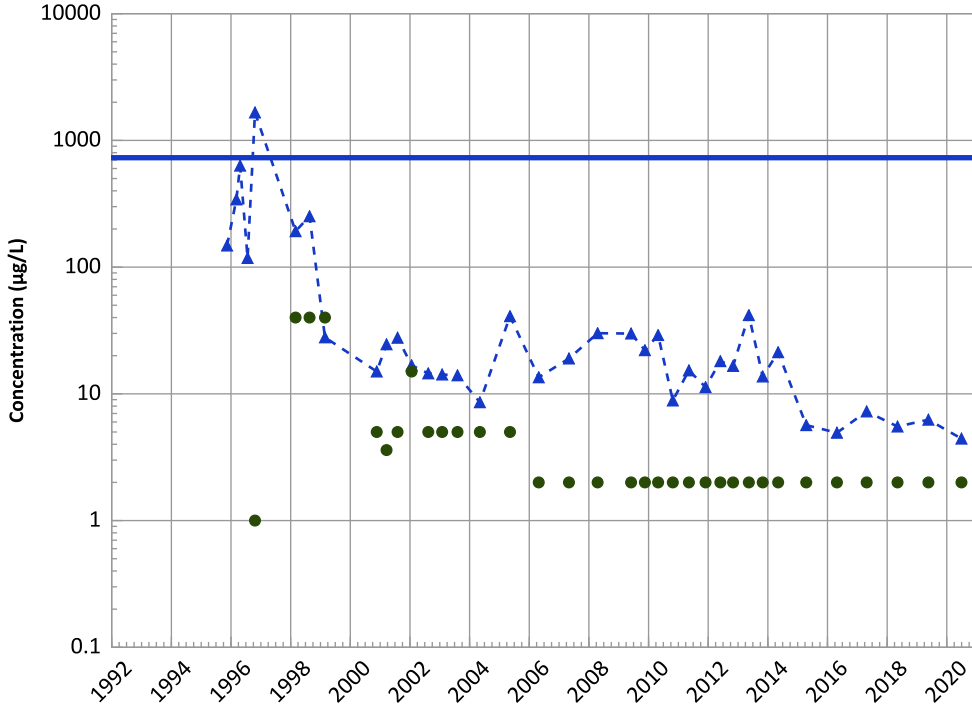
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

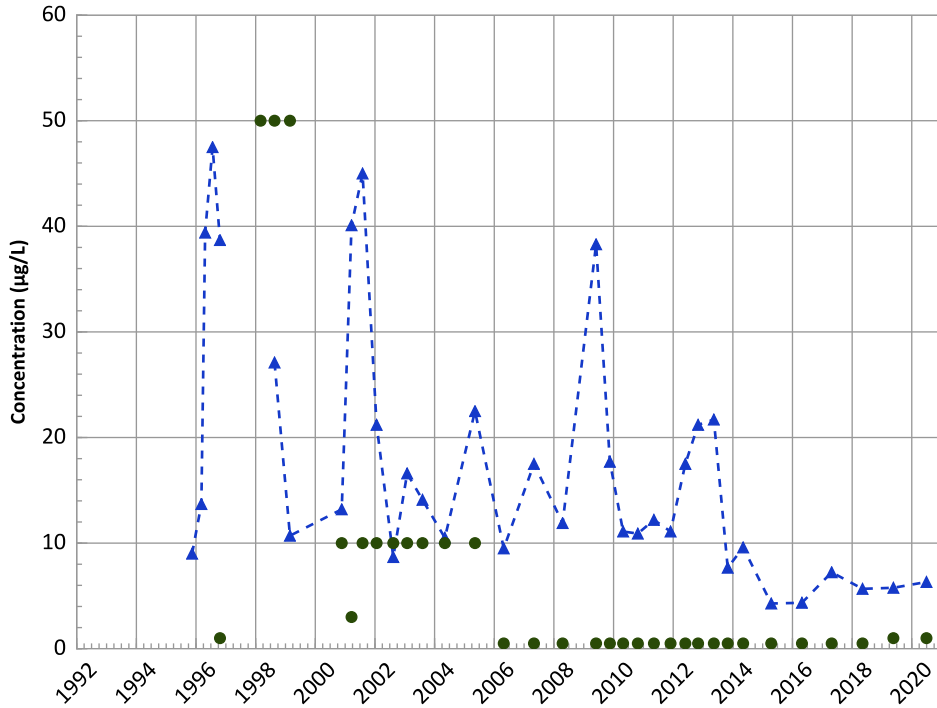
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

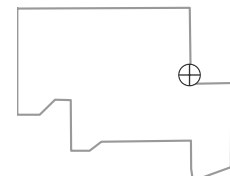
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

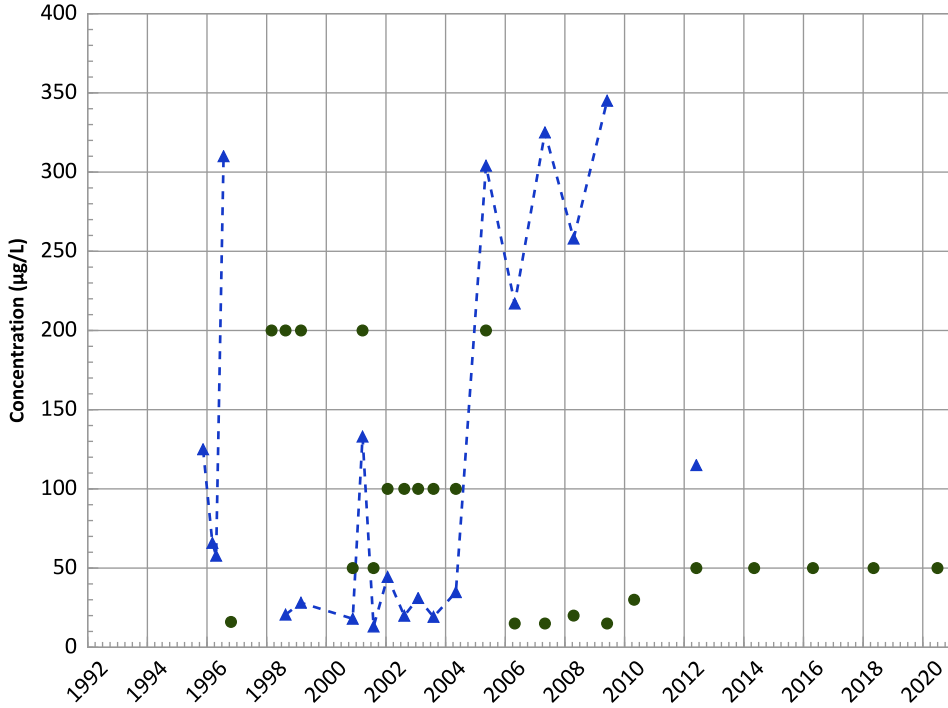
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

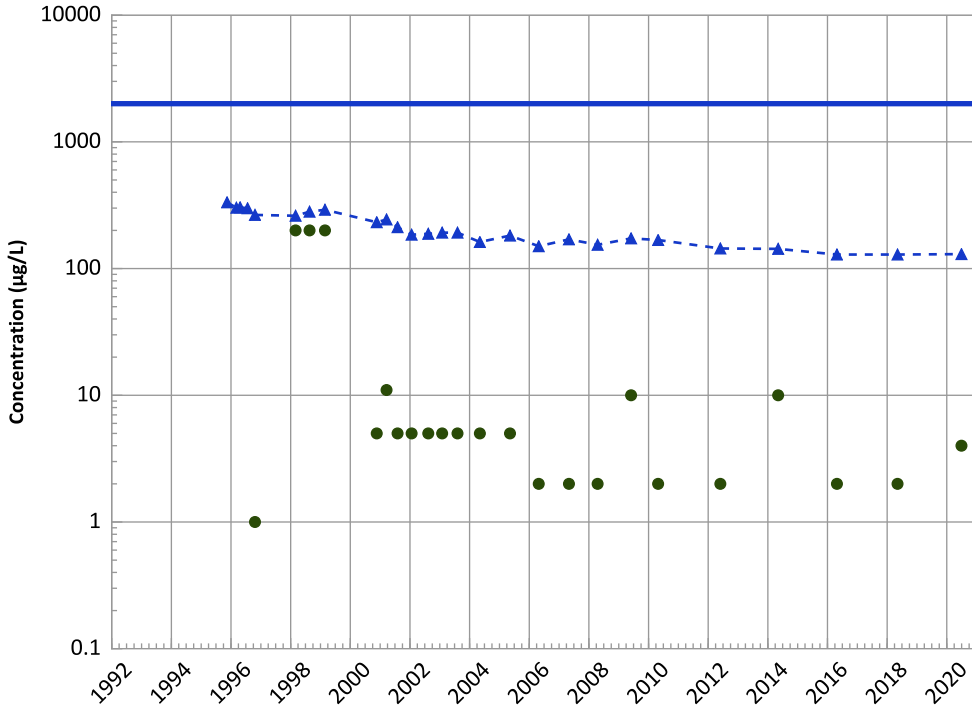
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

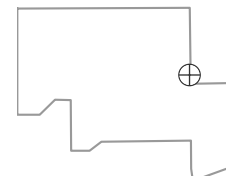
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

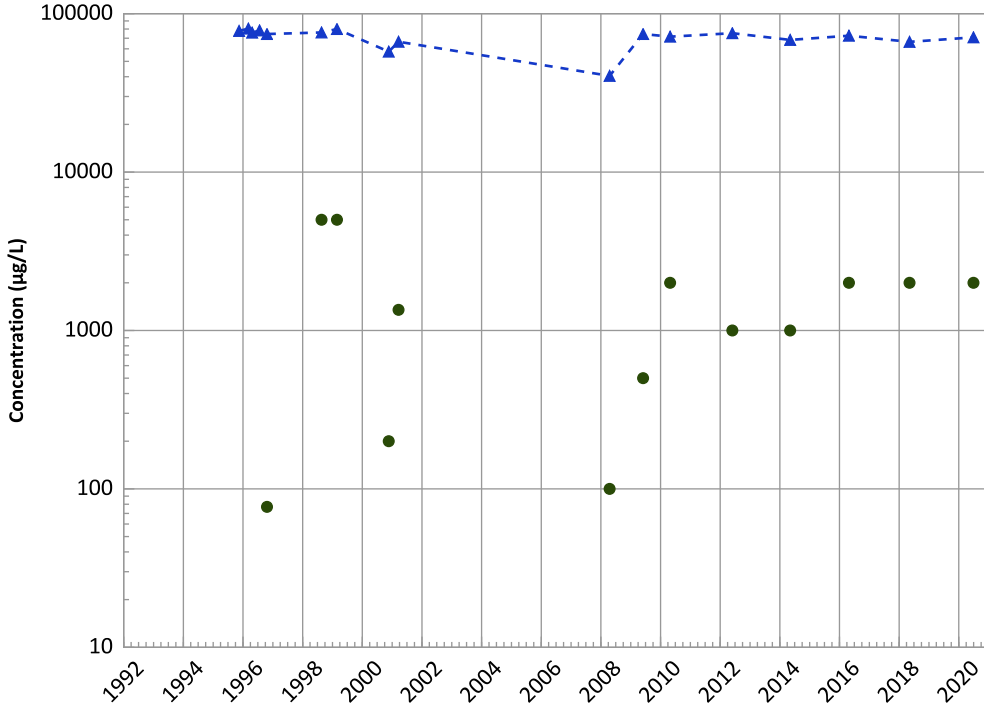
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

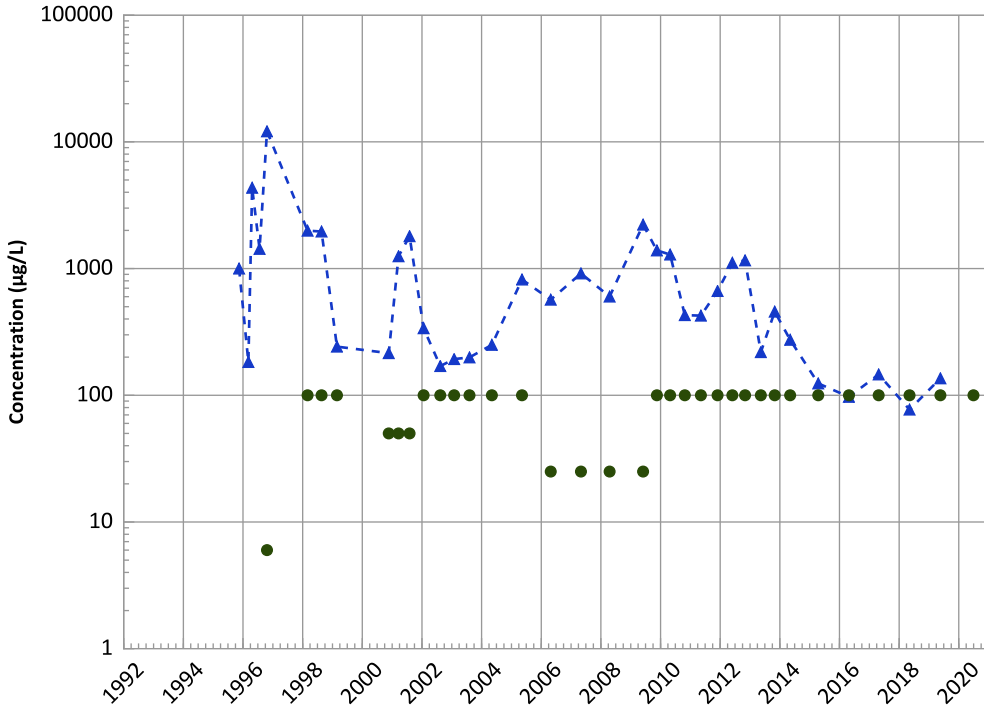
2018 - 2020 Data:

No Trend

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

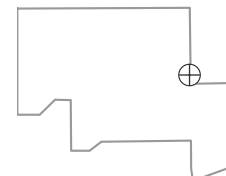
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

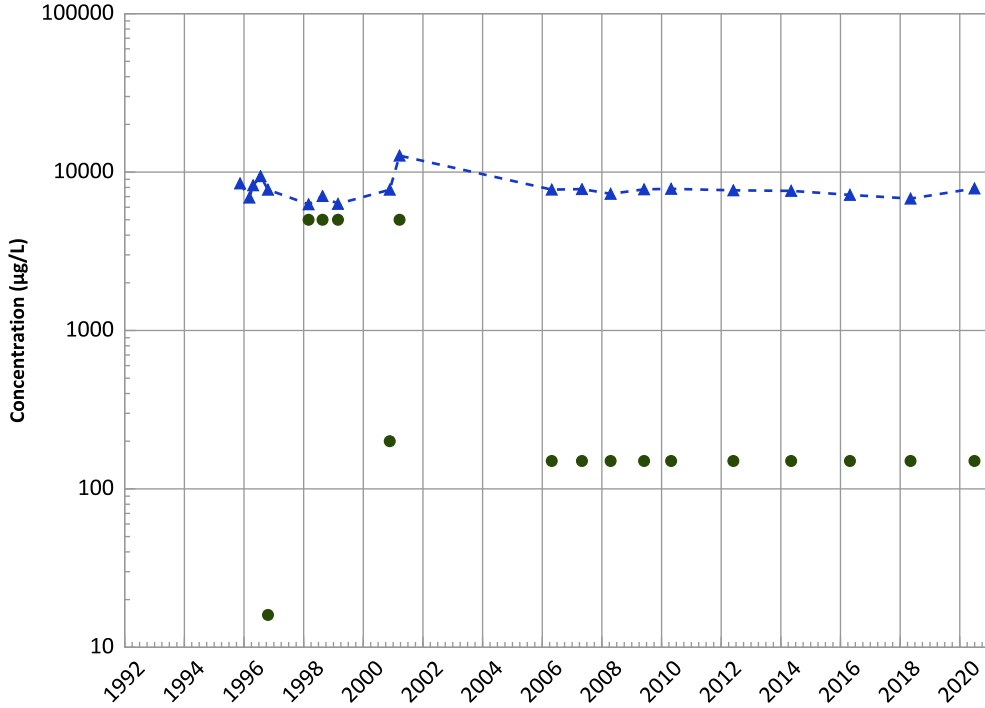
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

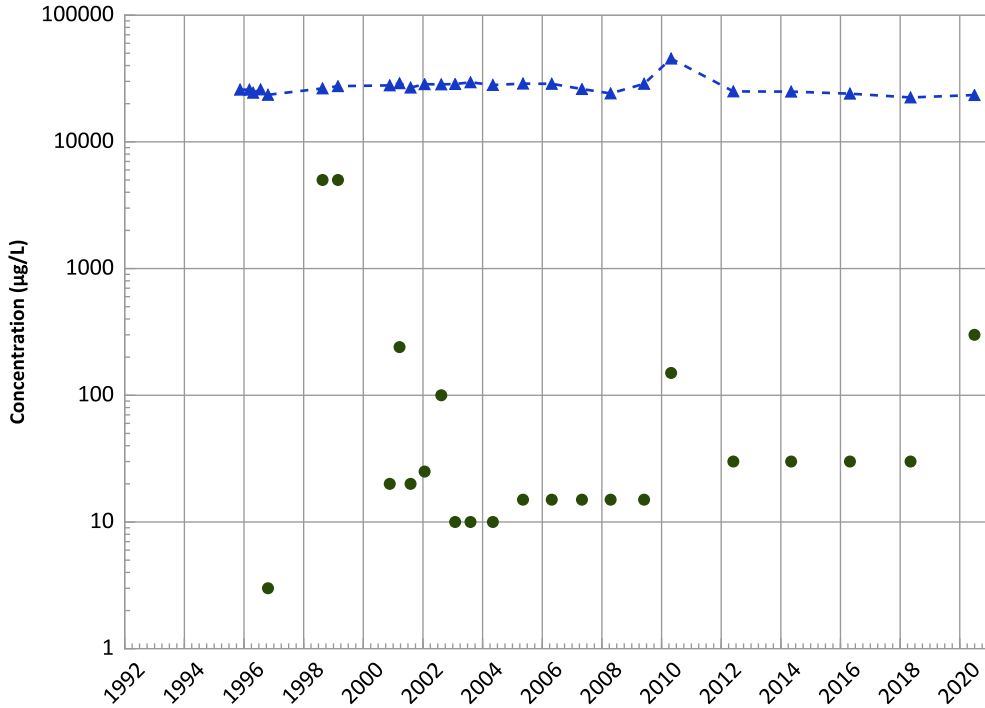
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

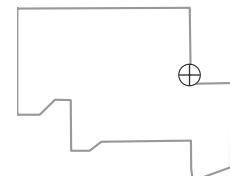
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

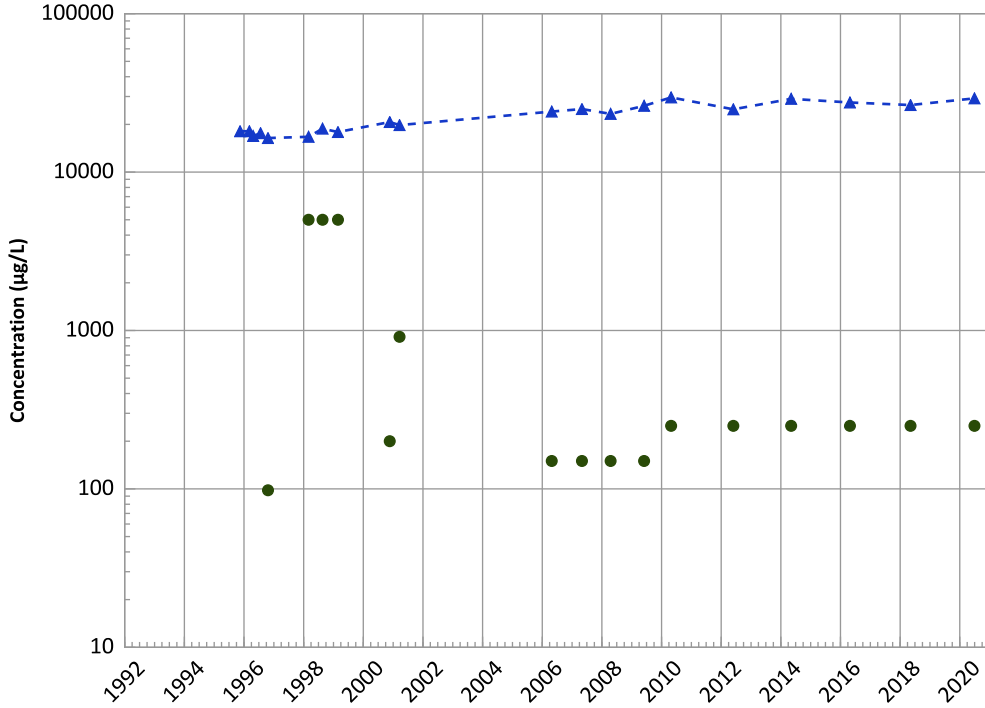
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

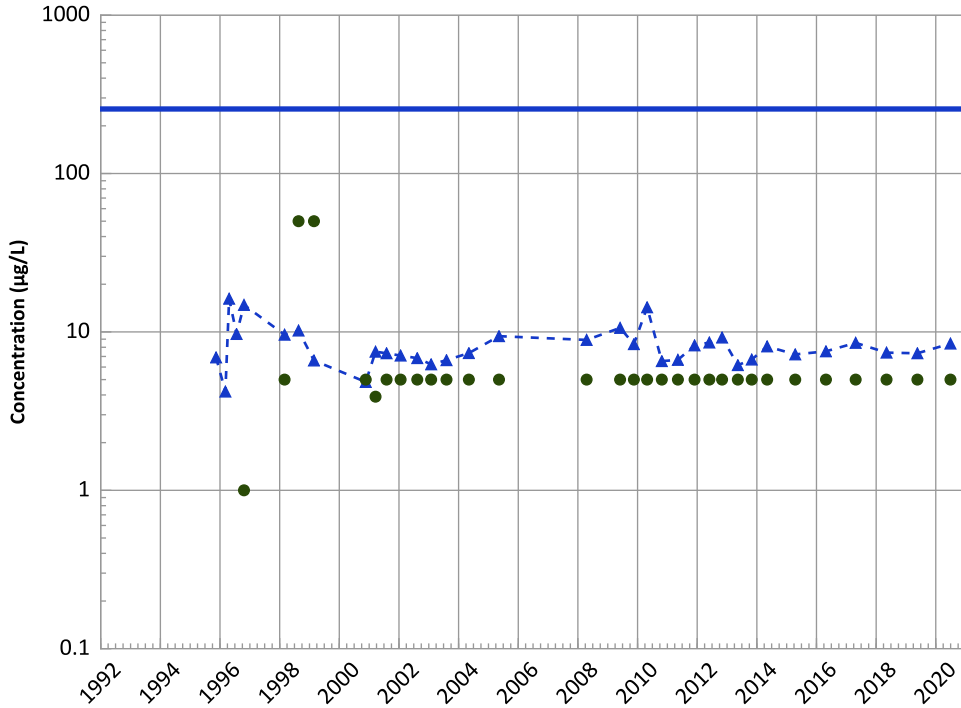
2018 - 2020 Data:

Stable

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

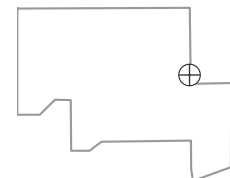
All Data:

Decreasing

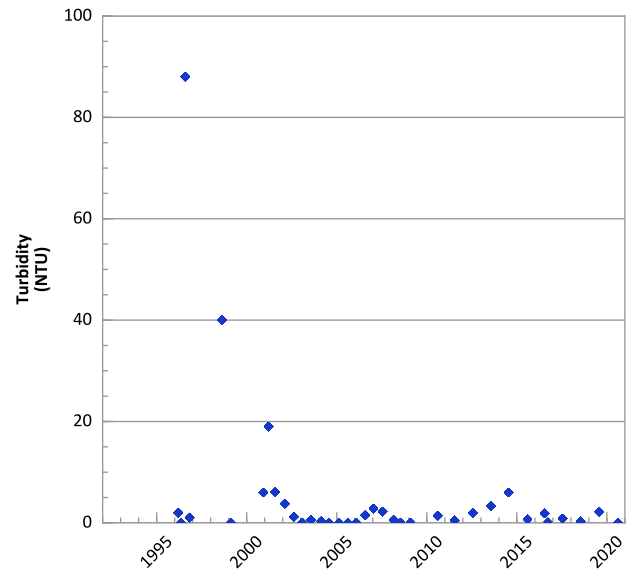
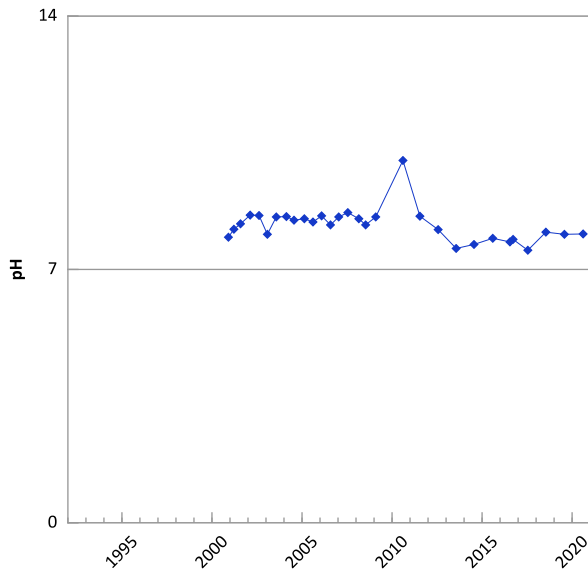
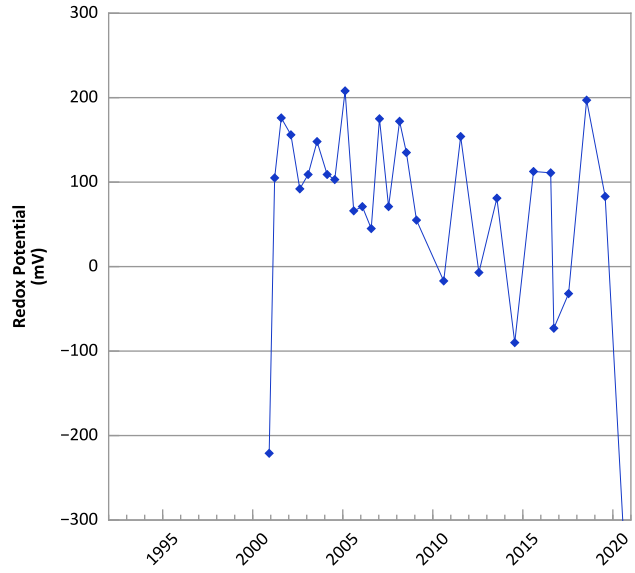
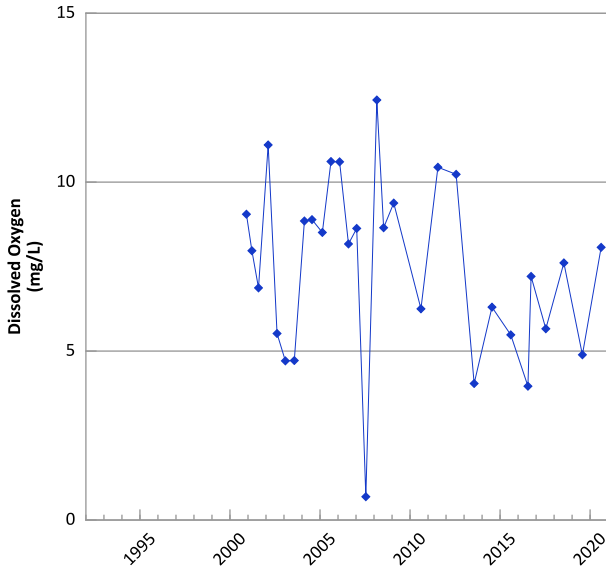
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 06/29/2020
Analysis Date: 06/03/2021

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

Well Location

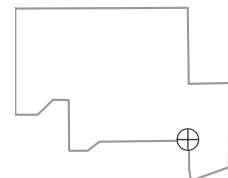


**PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



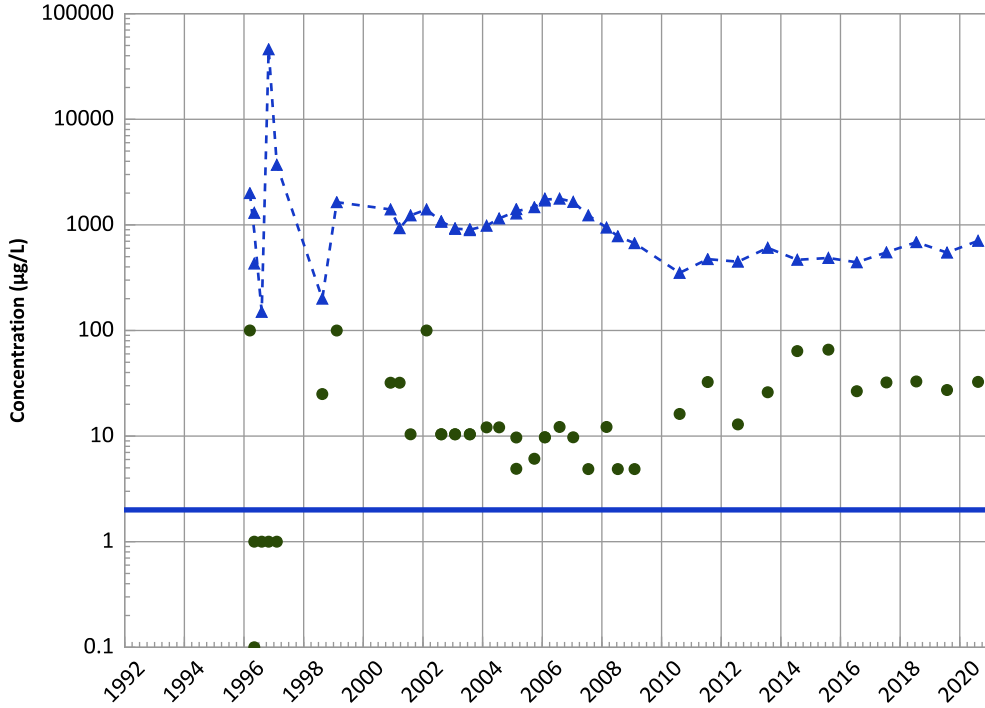
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 03/13/1996 to 08/12/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

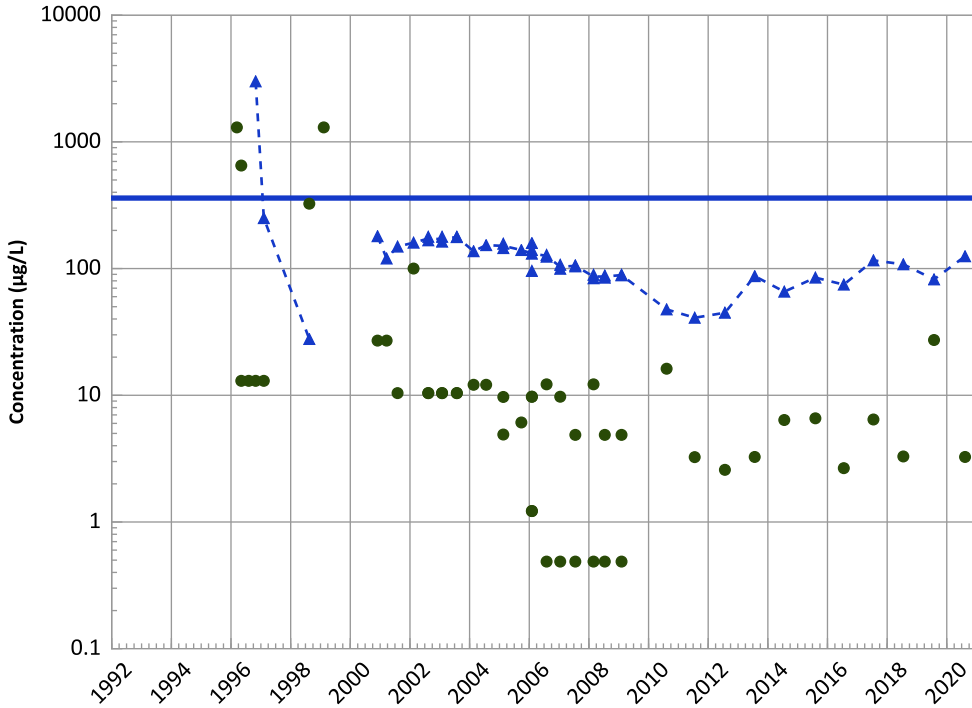
2018 - 2020 Data:

No Trend

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

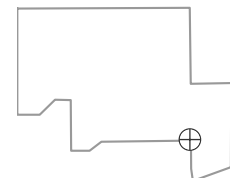
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

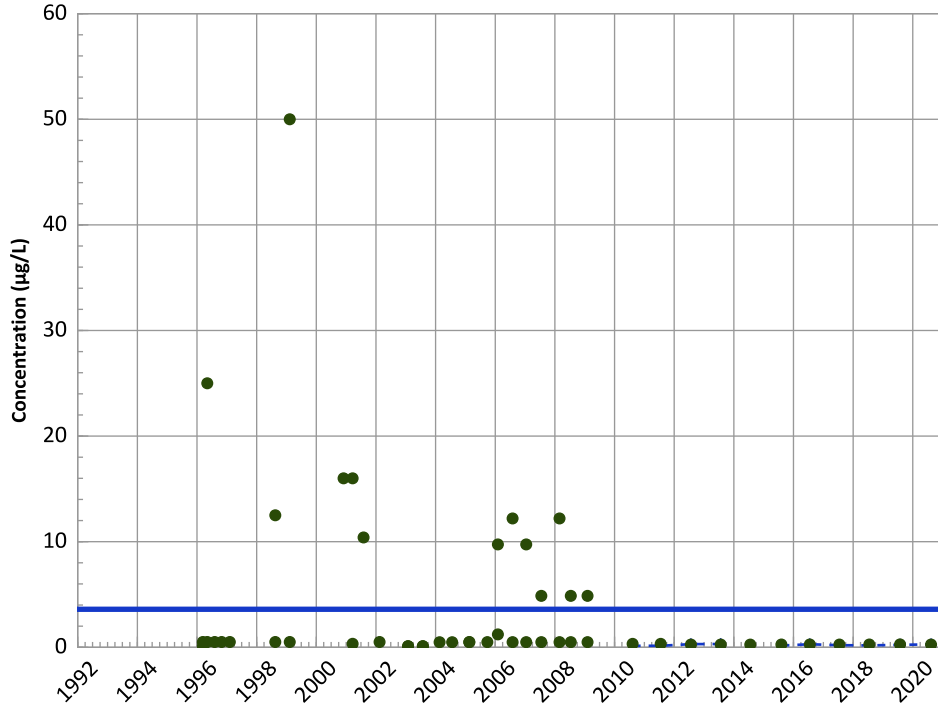
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

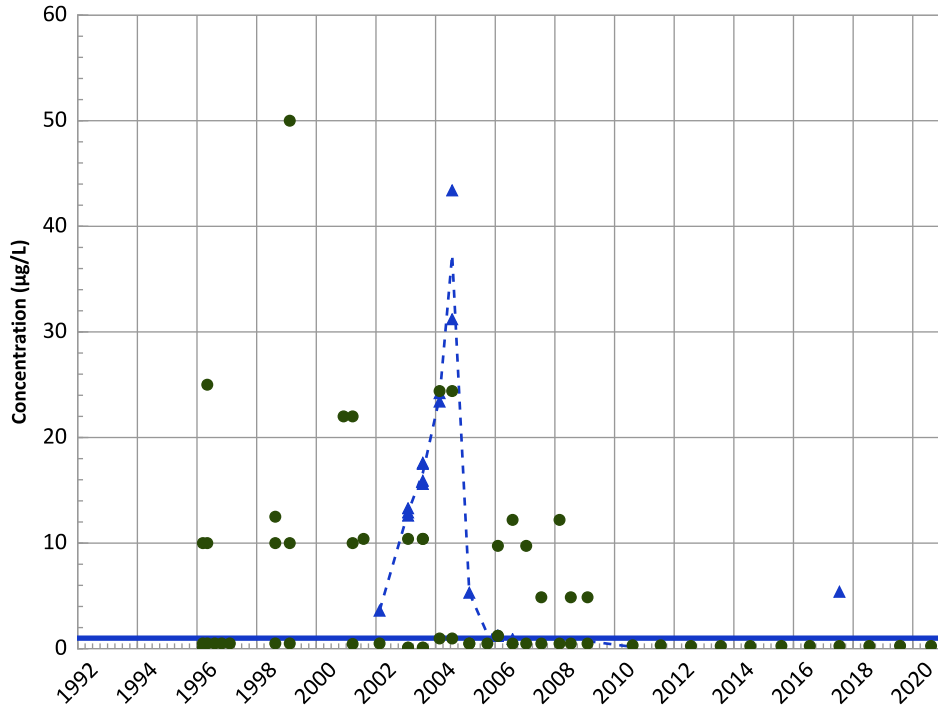
2018 - 2020 Data:

Probably Increasing

All Data:

No Trend

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

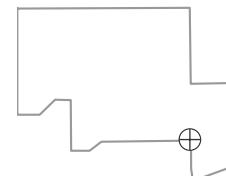
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

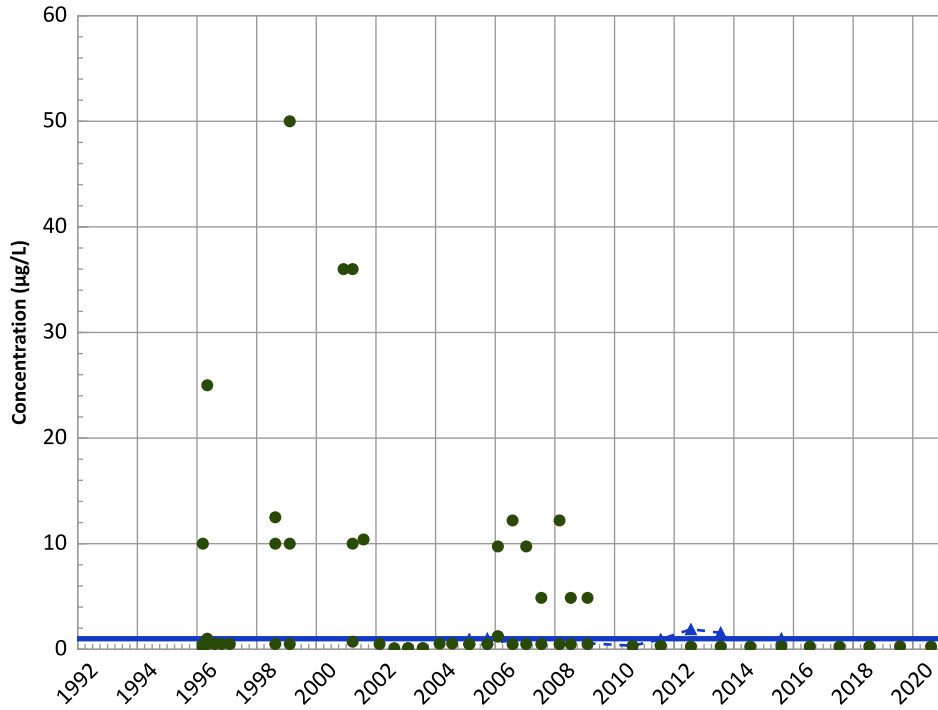
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

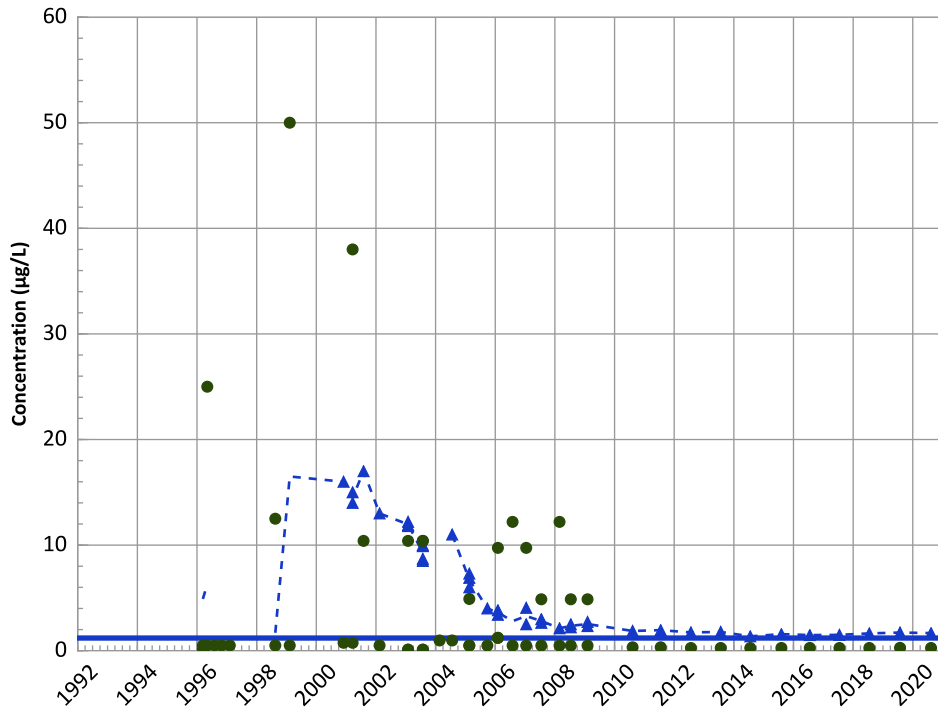
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

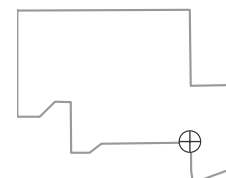
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

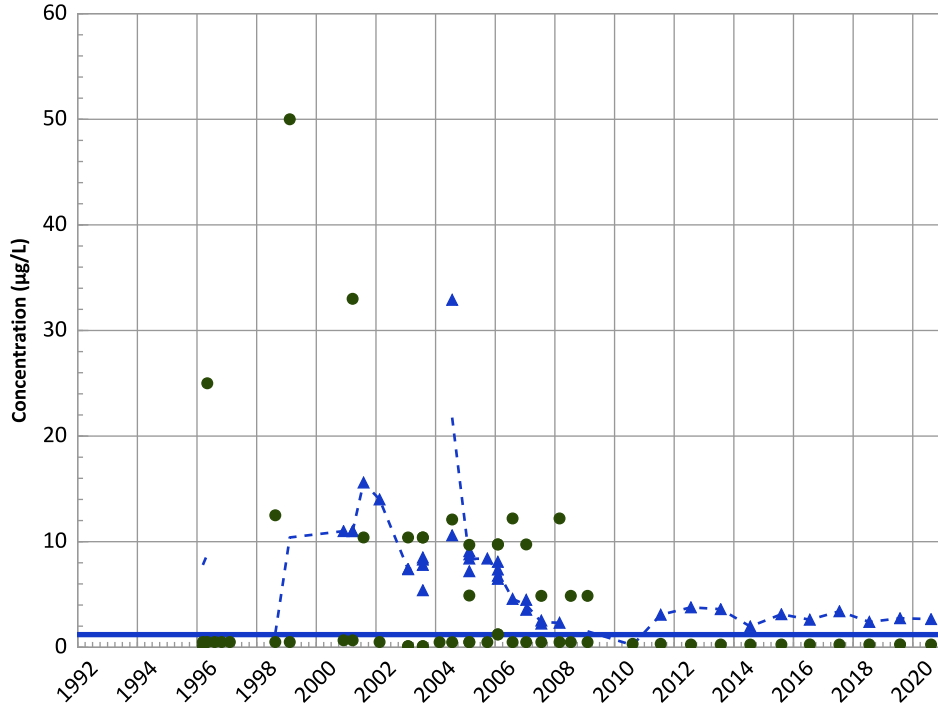
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

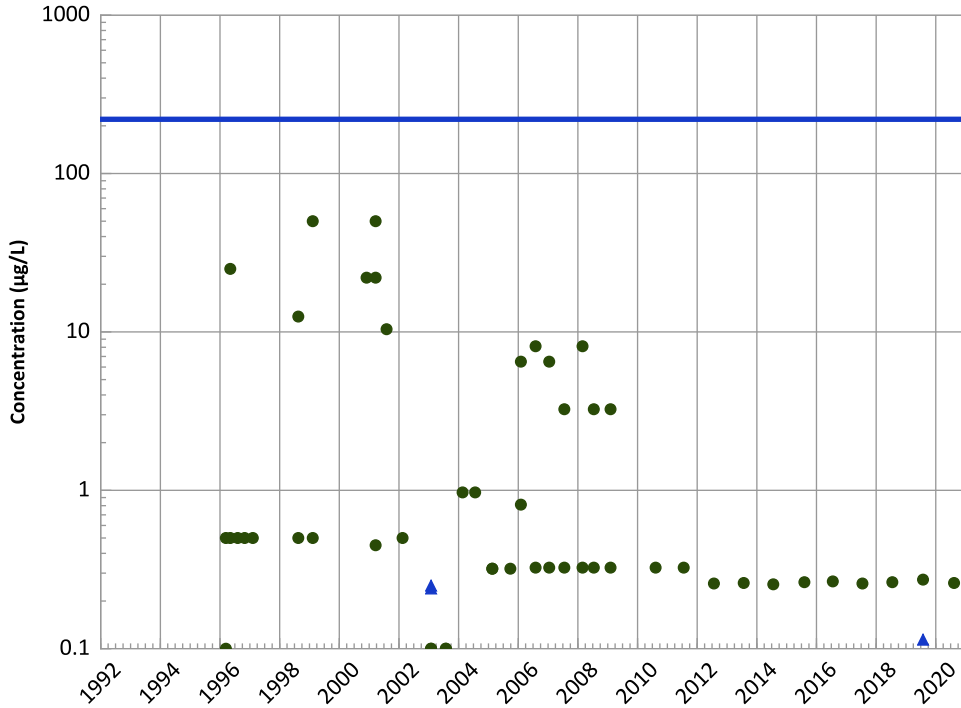
2018 - 2020 Data:

Stable

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

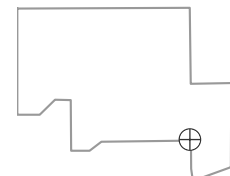
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

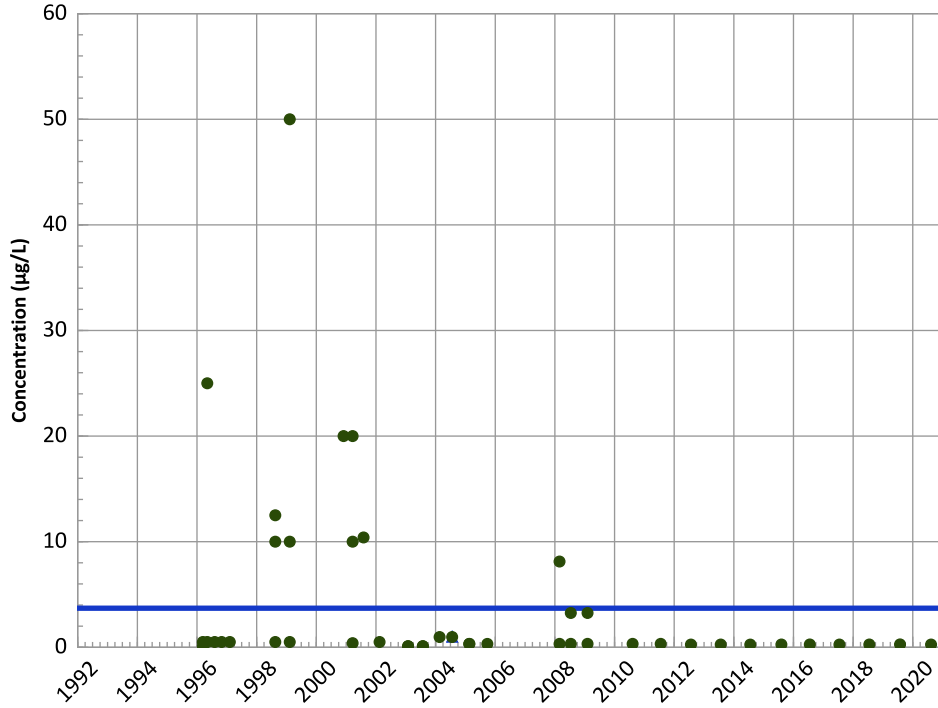
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

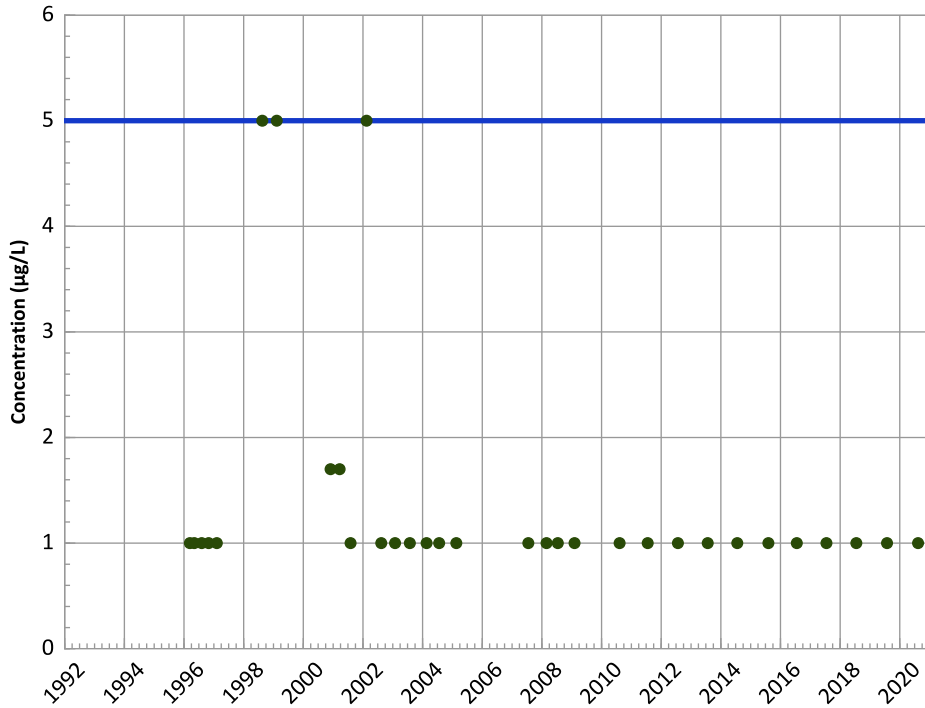
2018 - 2020 Data:

No Trend

All Data:

No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

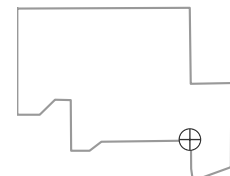
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

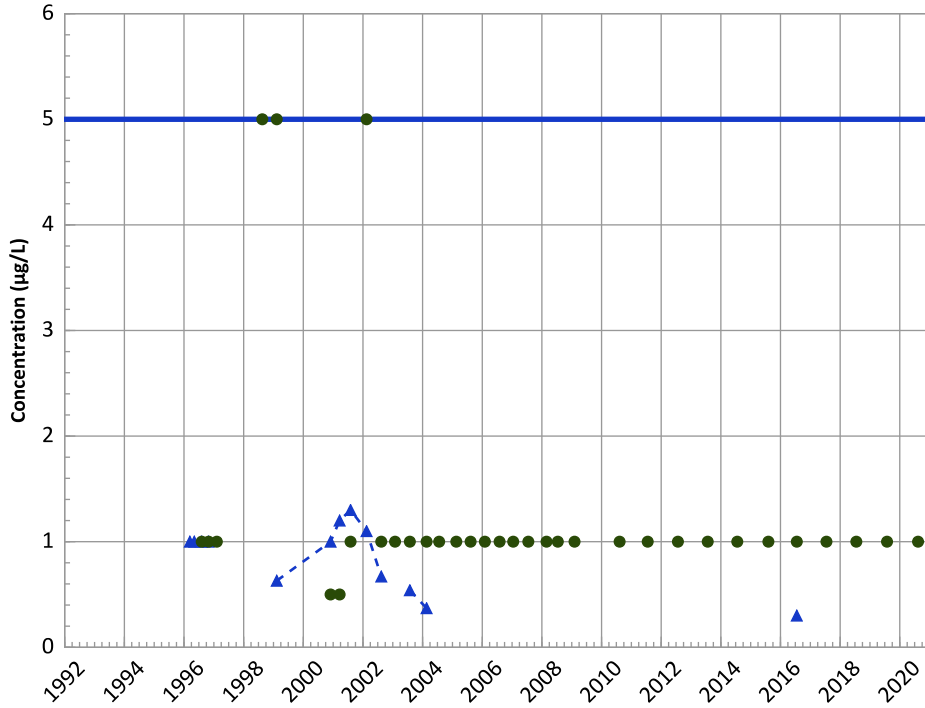
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

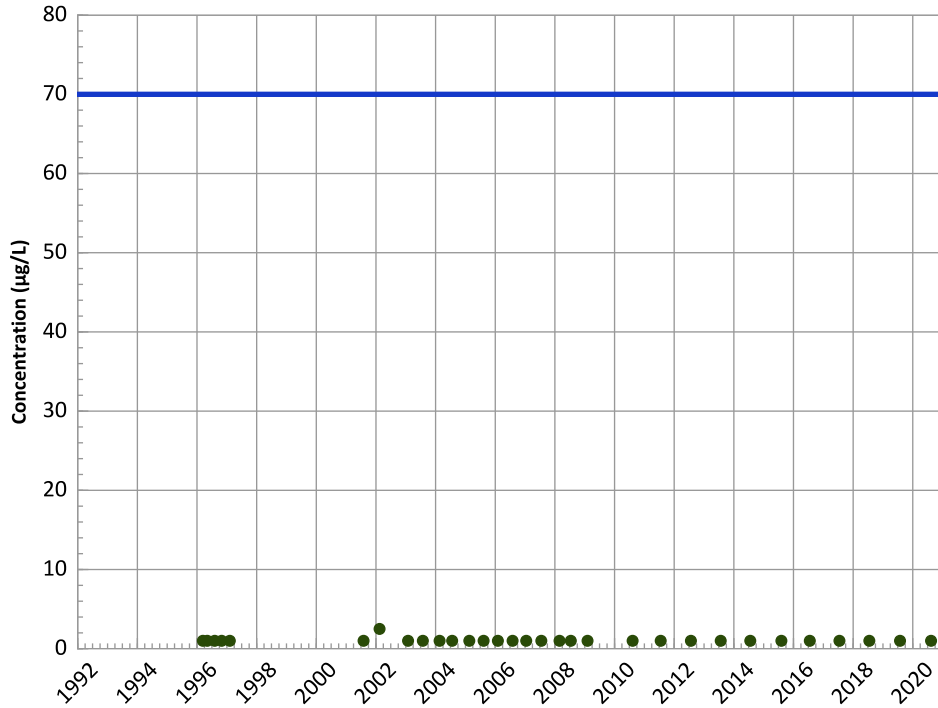
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

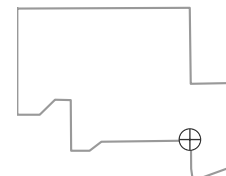
All Data:

All Non-Detect

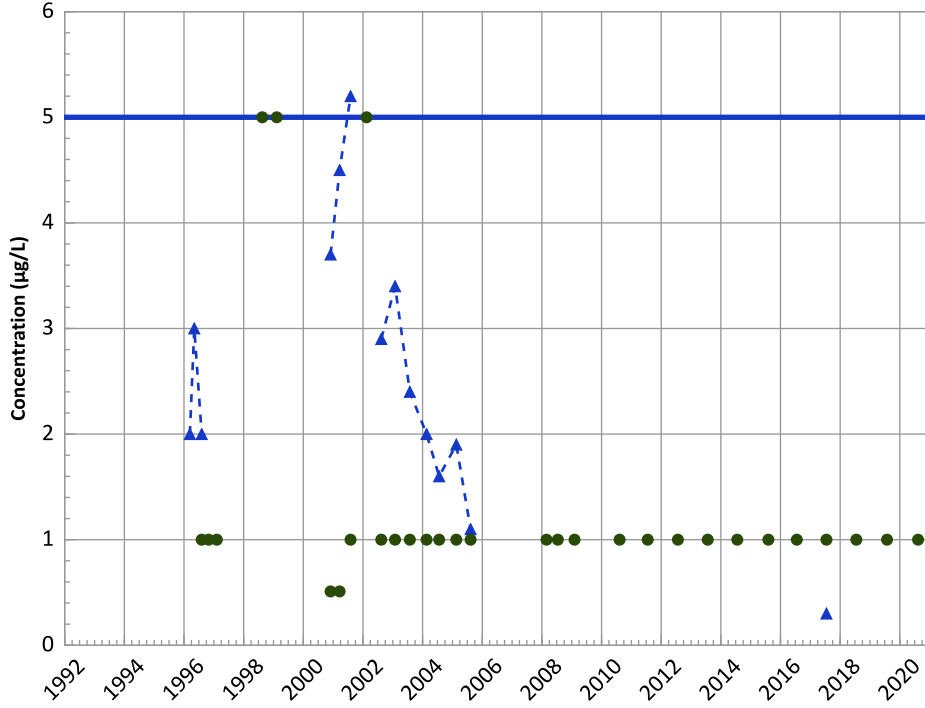
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ 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**

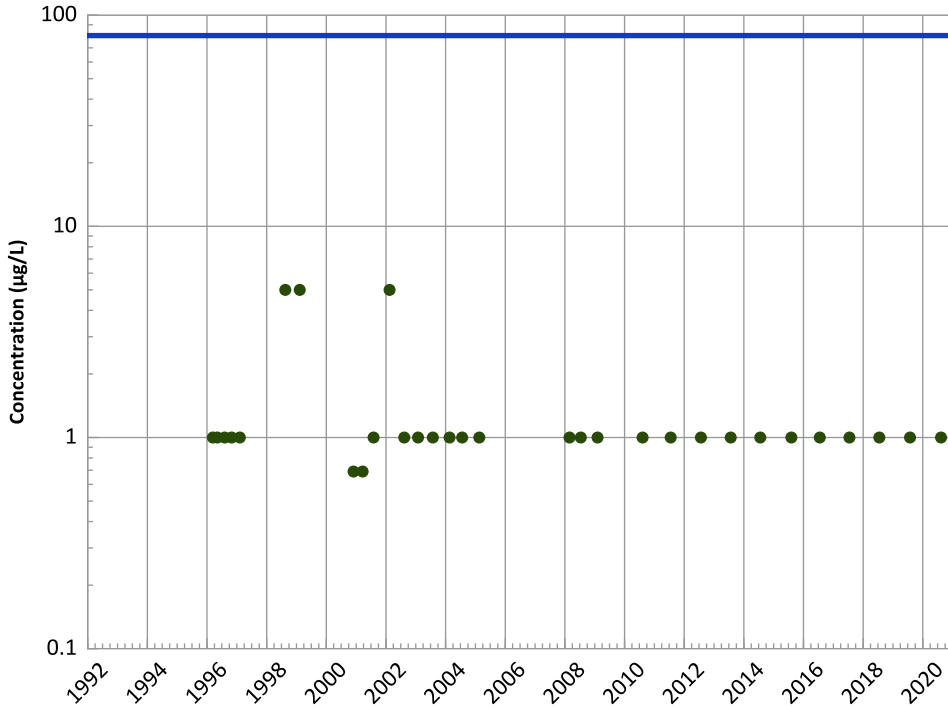


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Chloroform Trend



Concentration Trend

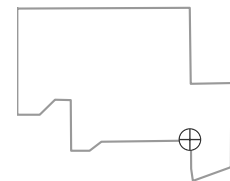
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

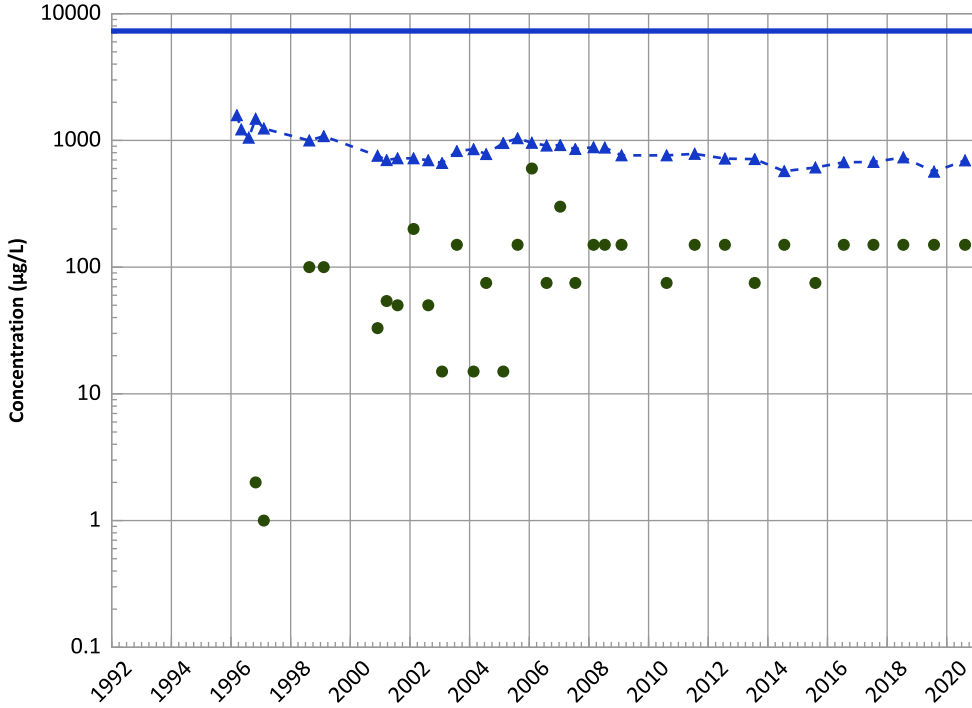
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

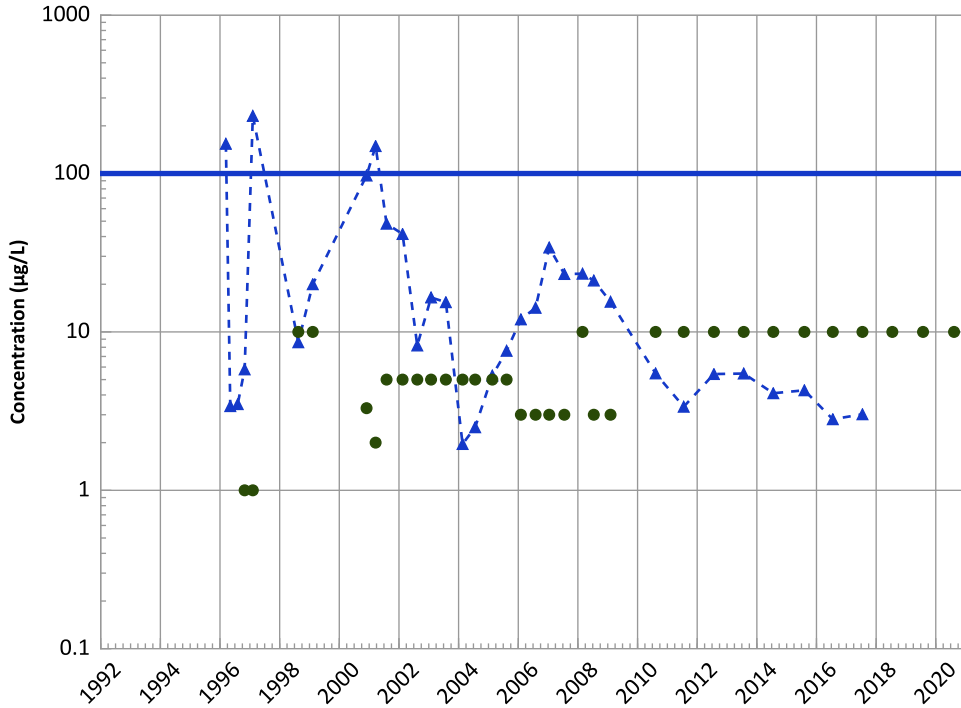
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

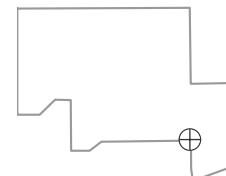
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

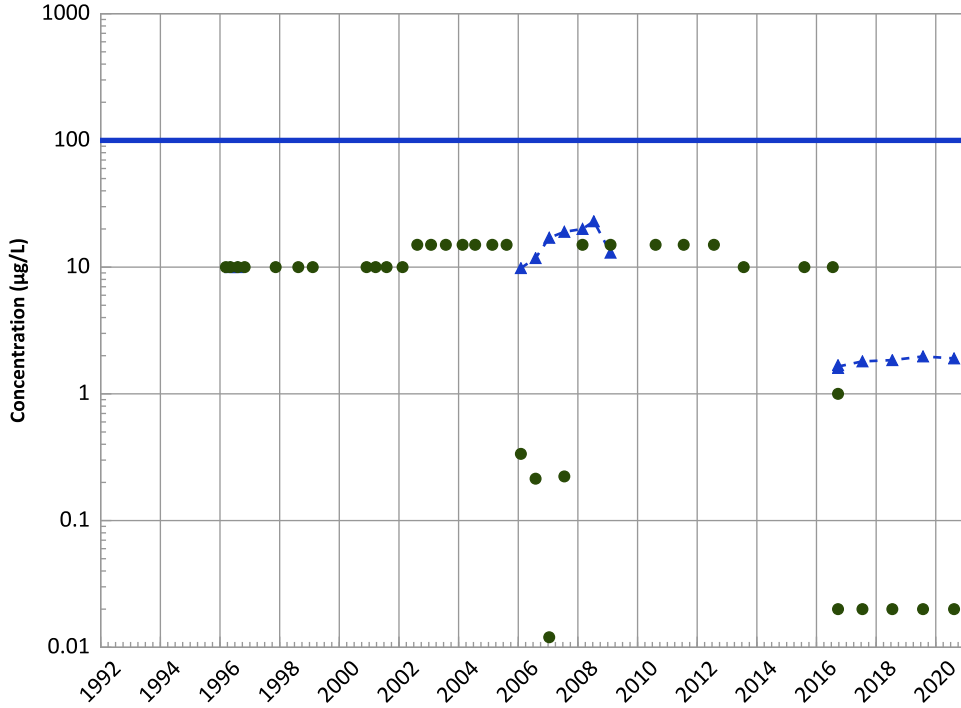
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

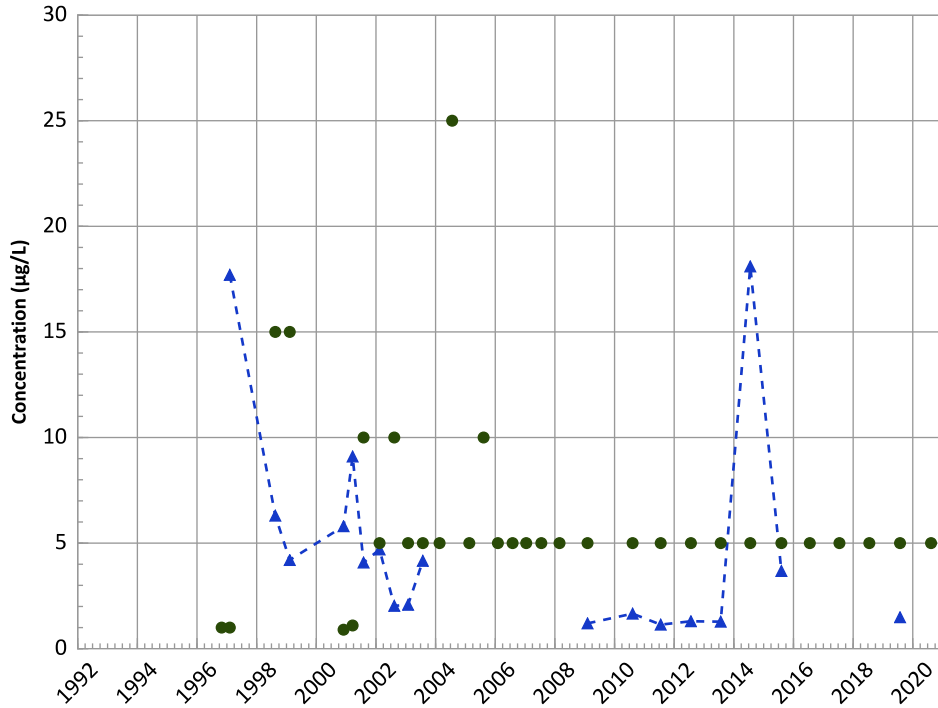
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

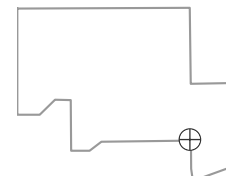
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

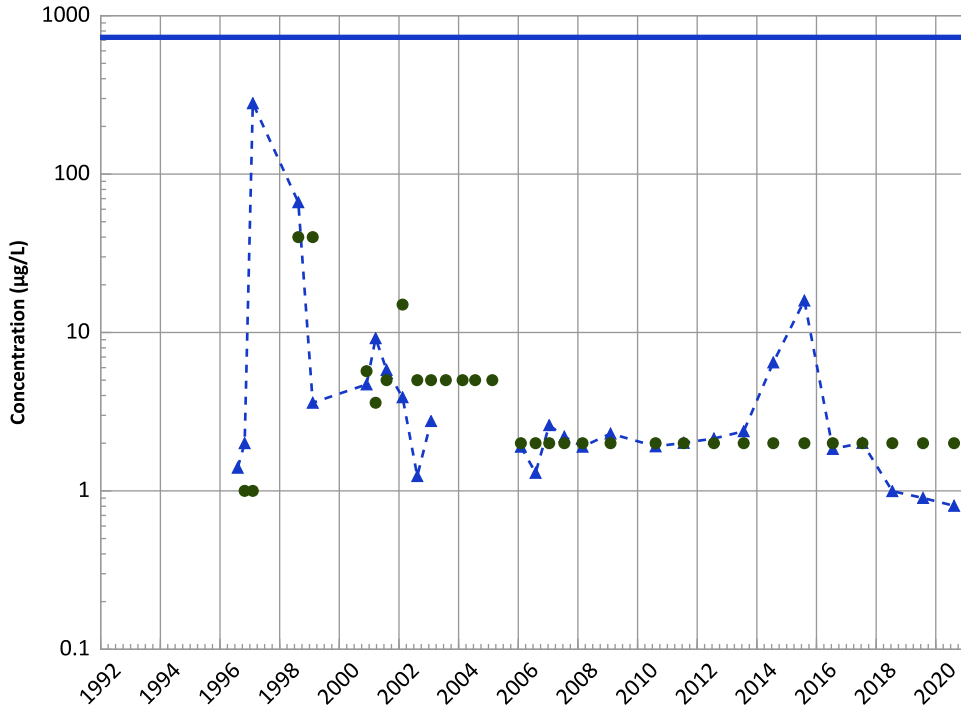
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

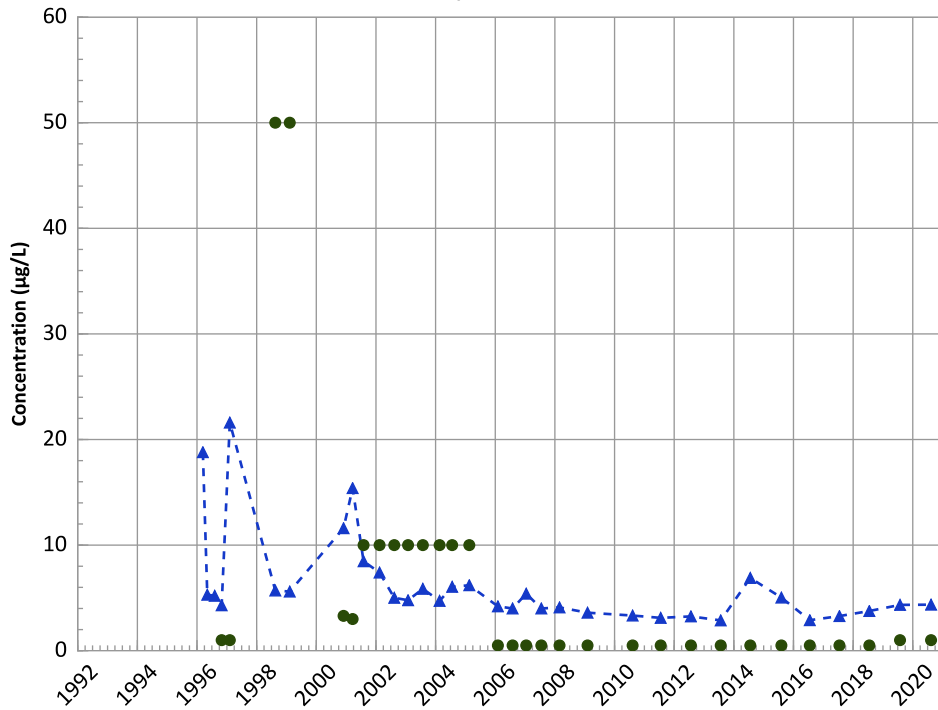
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

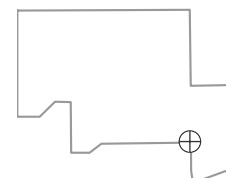
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Well Location

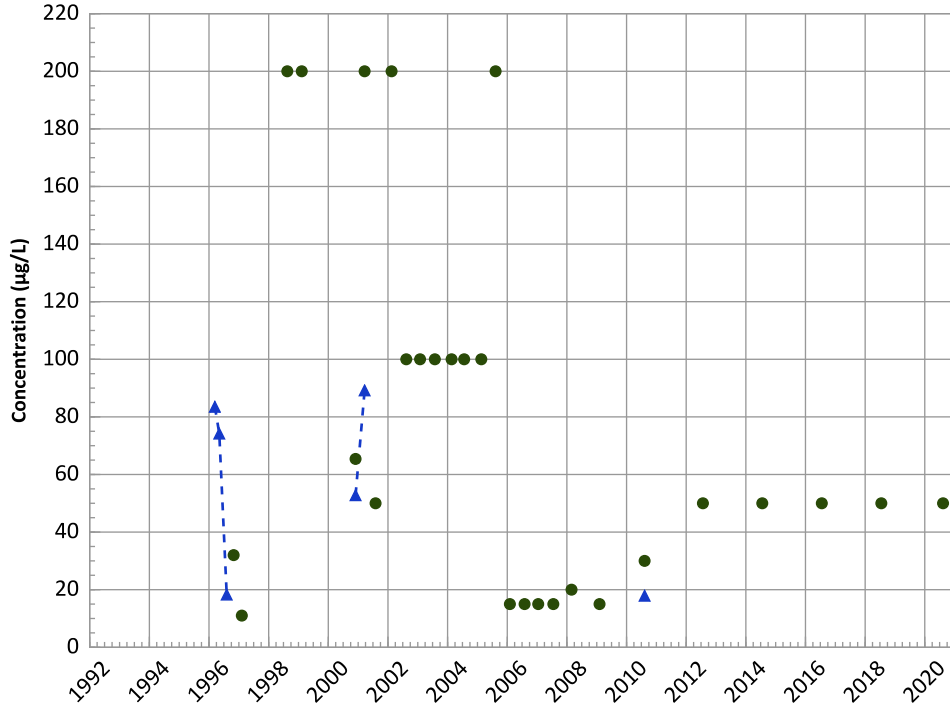


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

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

PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

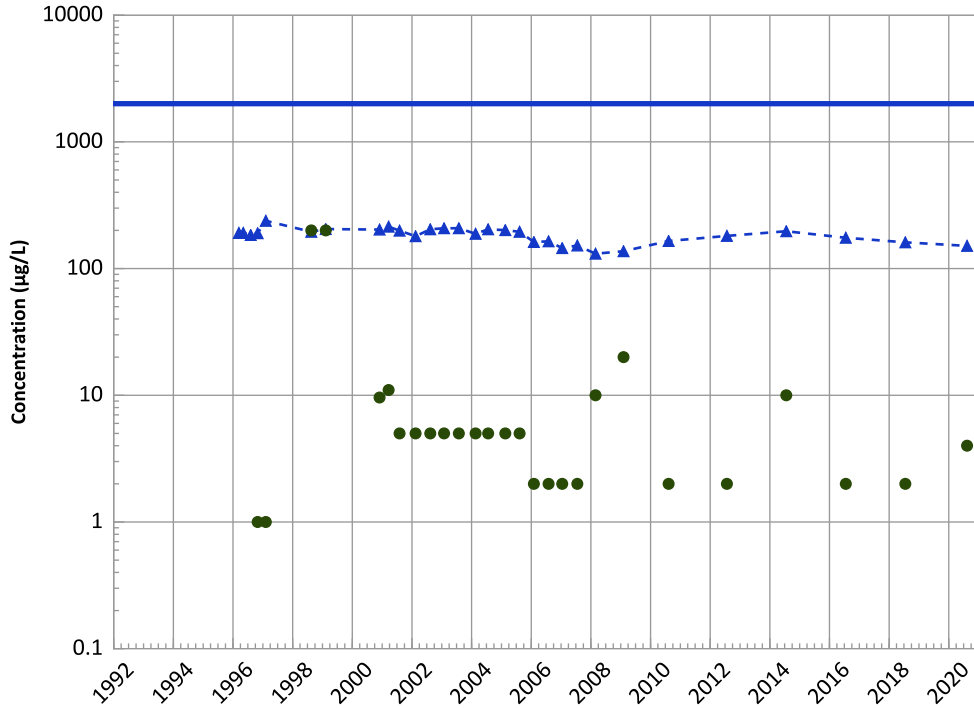
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

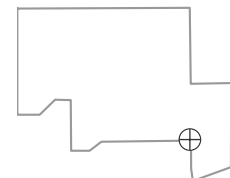
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

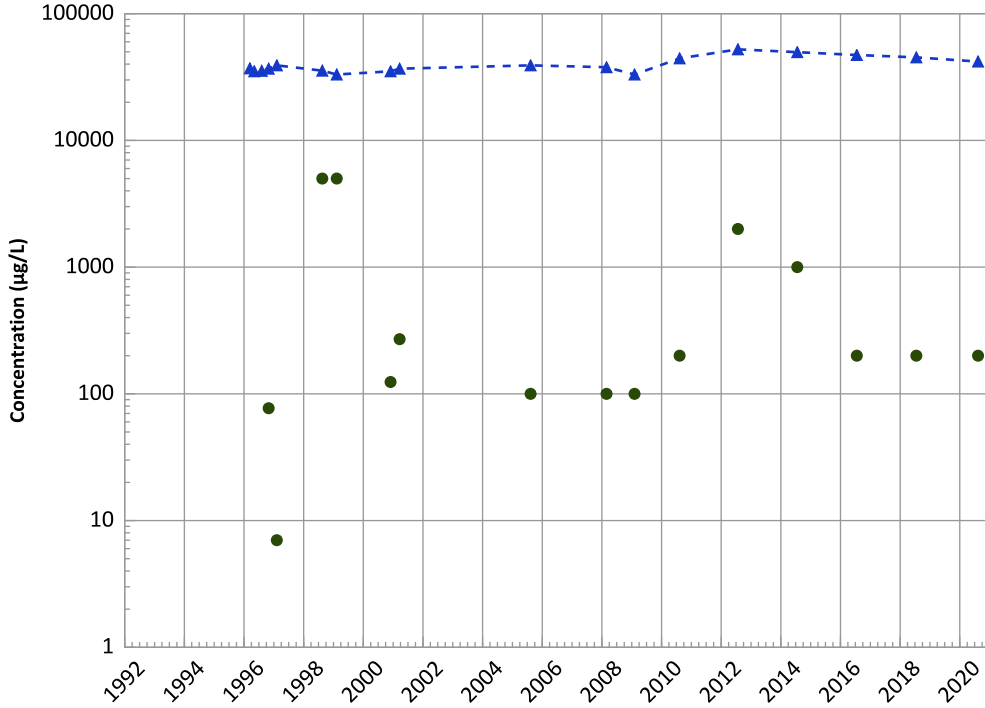
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

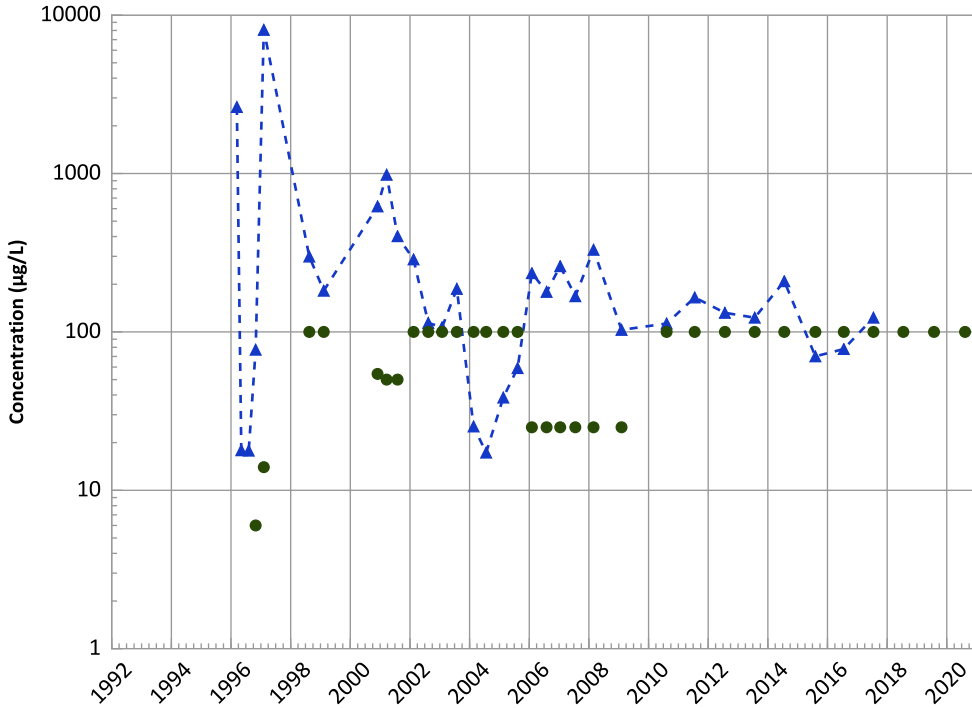
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

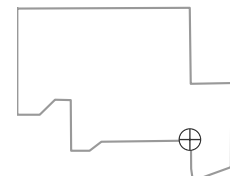
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

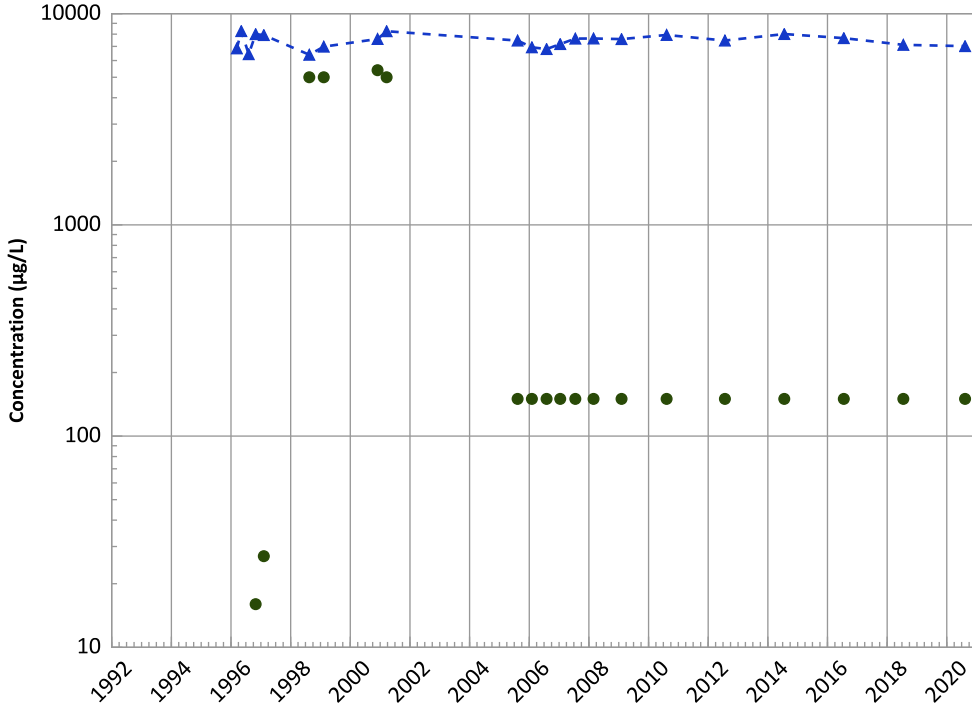


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

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

PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

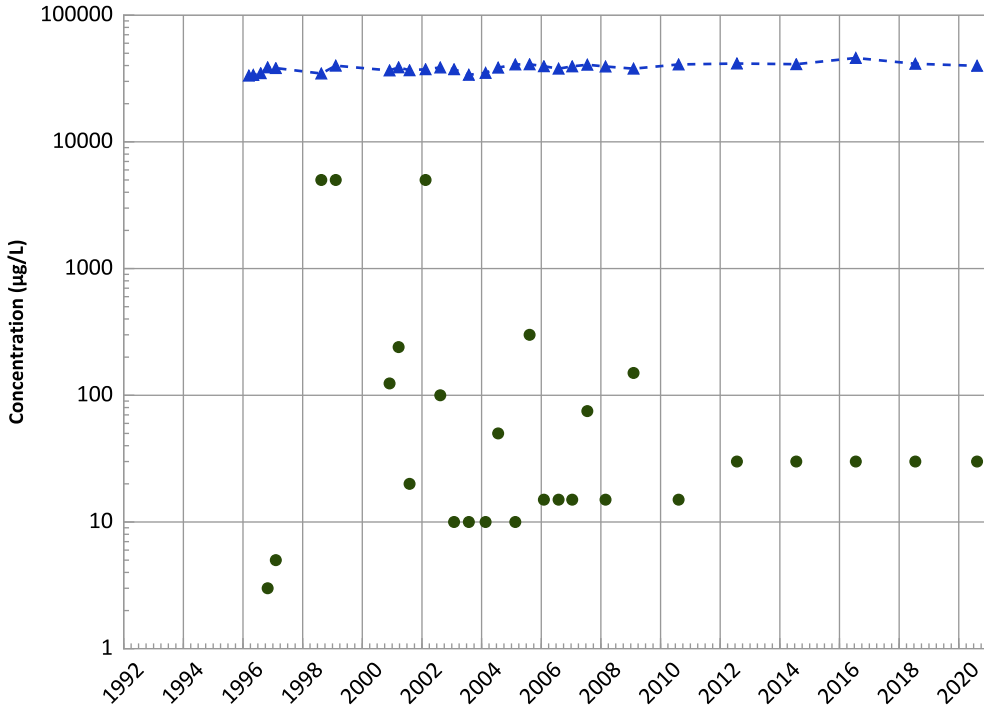
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

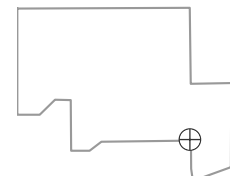
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

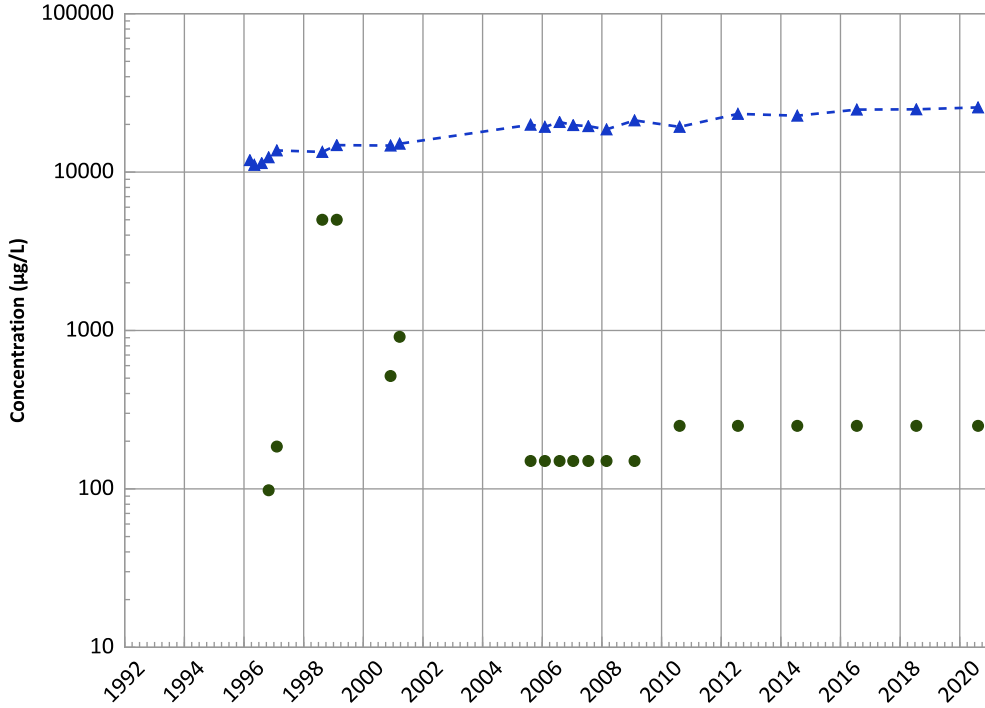


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

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

PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

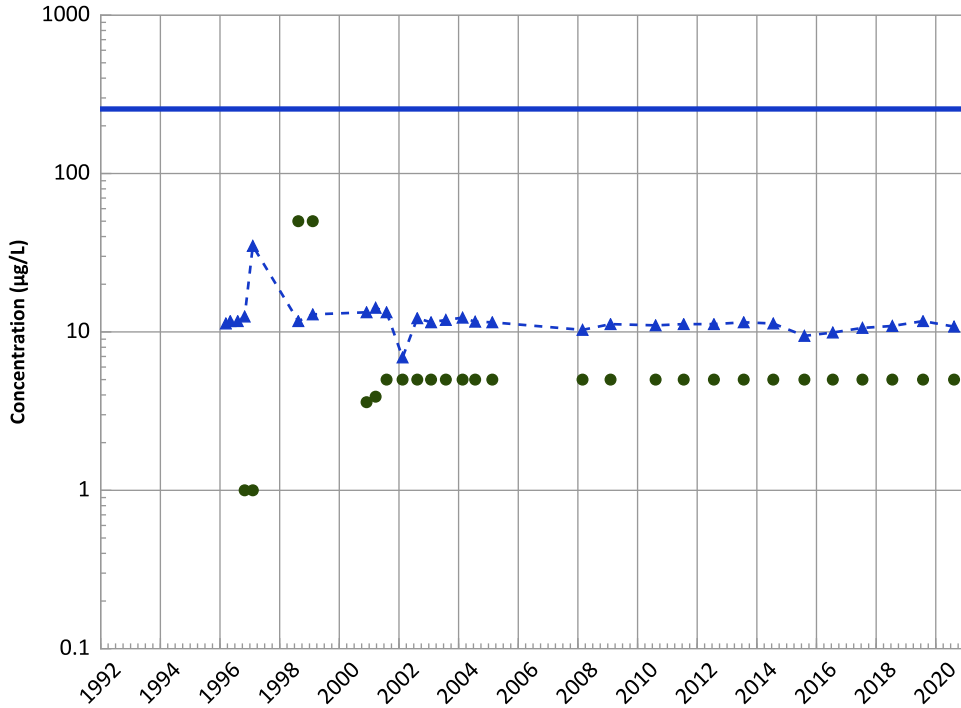
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

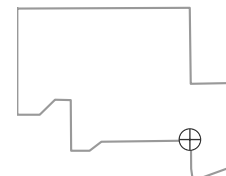
All Data:

Decreasing

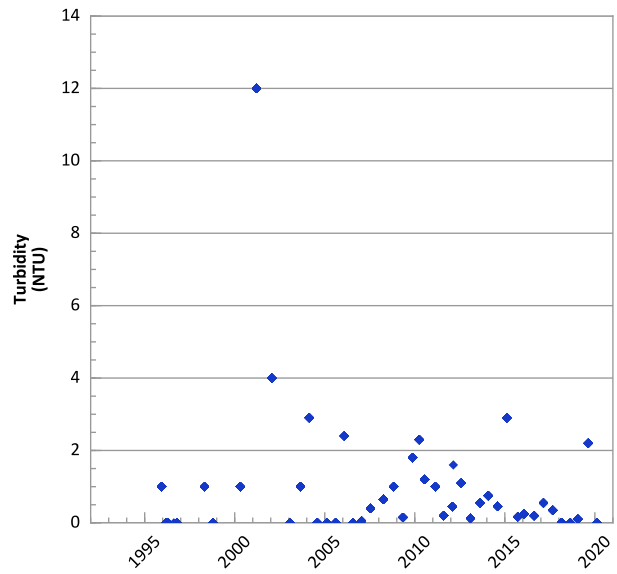
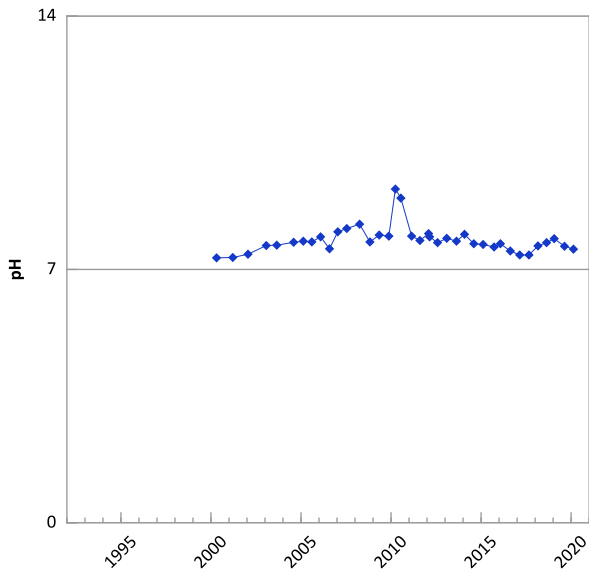
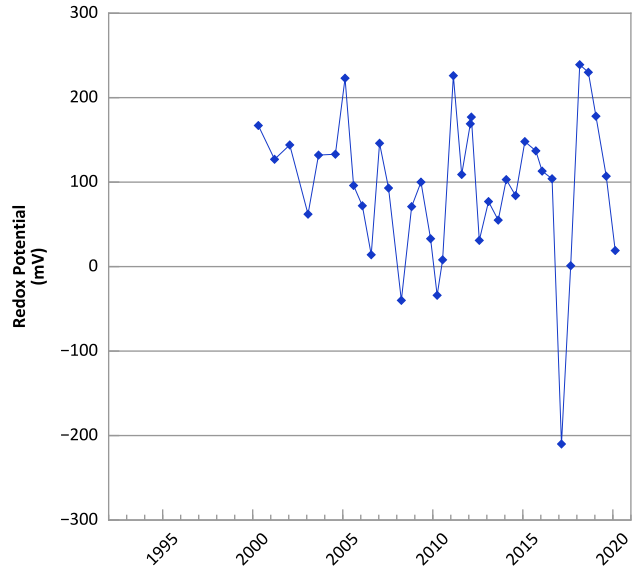
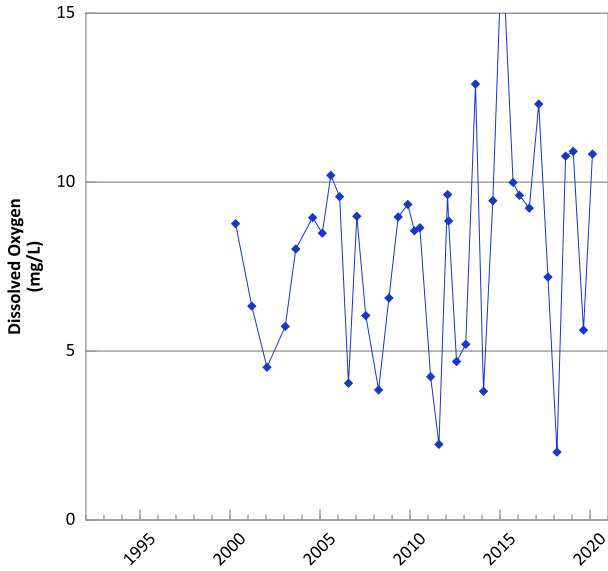
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/13/1996 to 08/12/2020
Analysis Date: 06/03/2021

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

Well Location

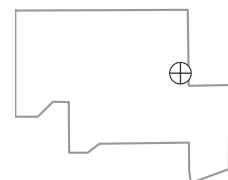


**PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



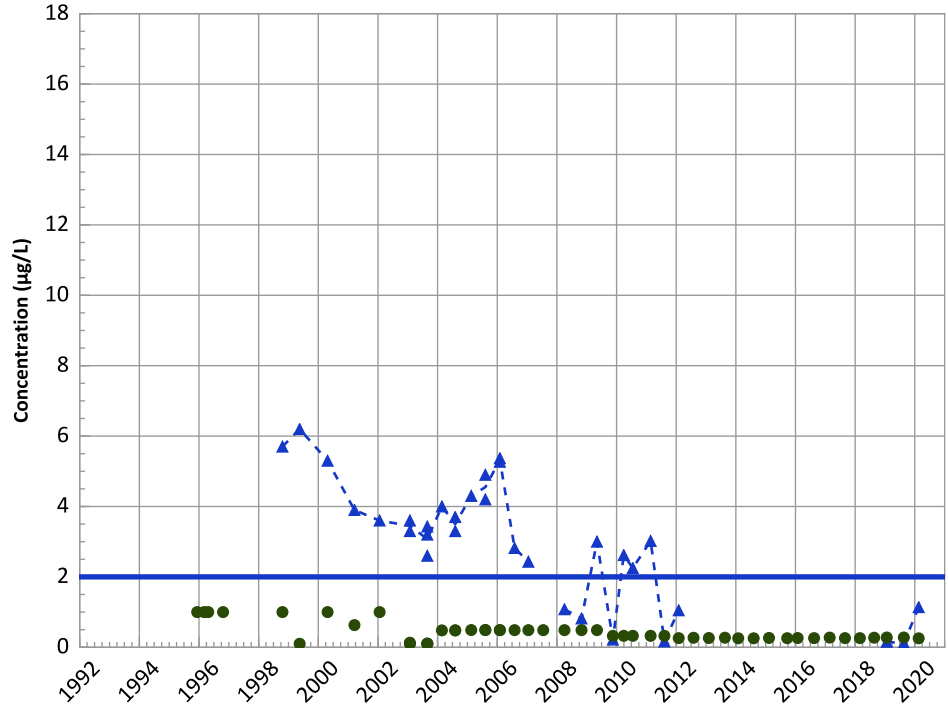
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



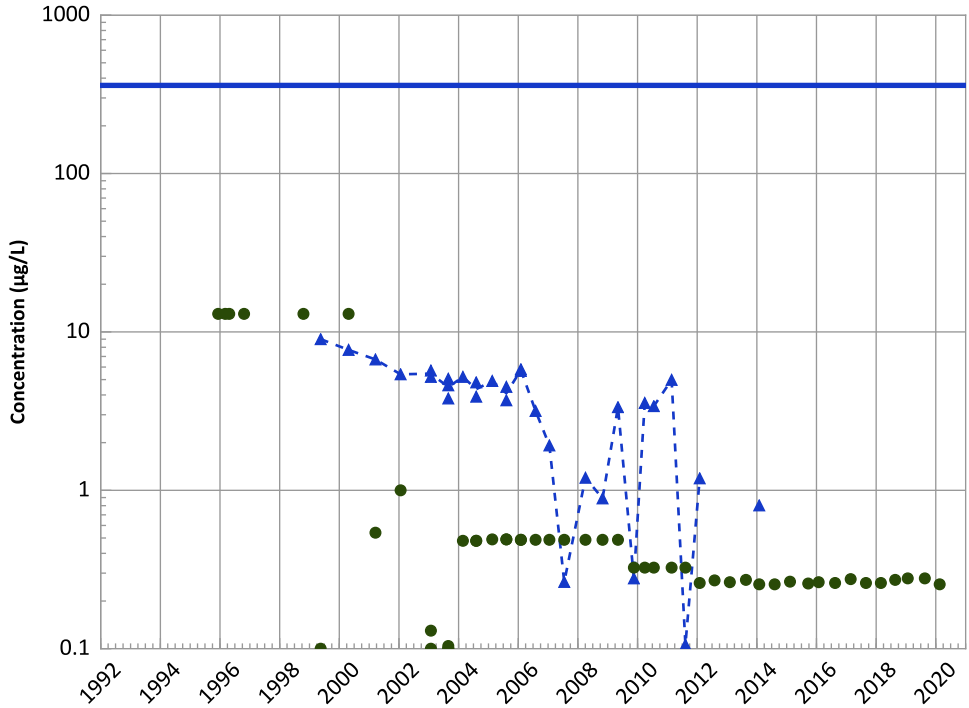
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

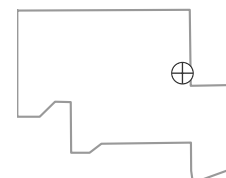
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

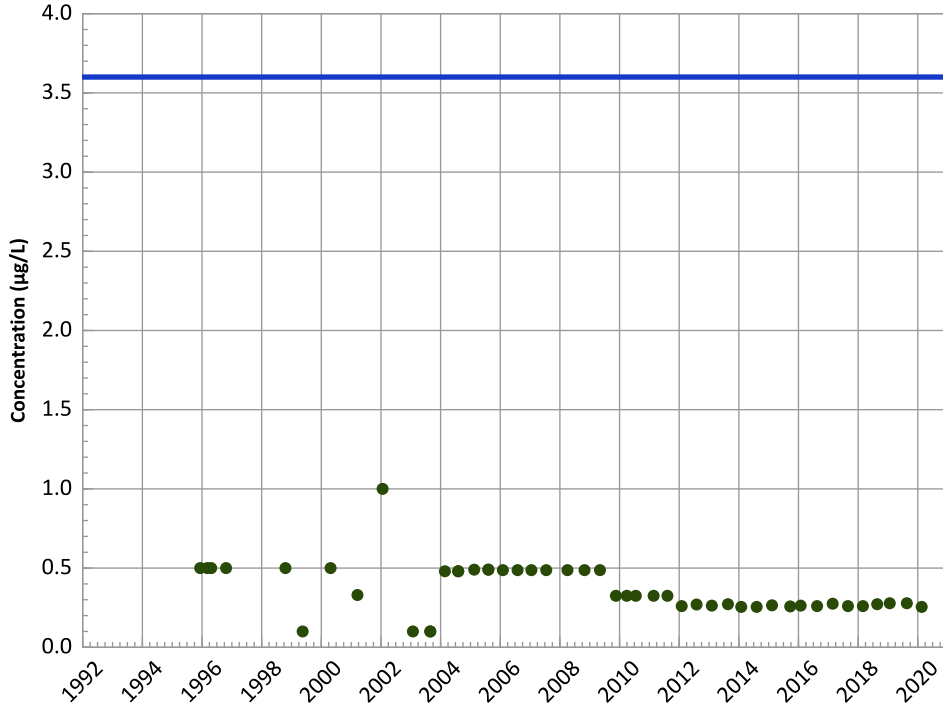
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

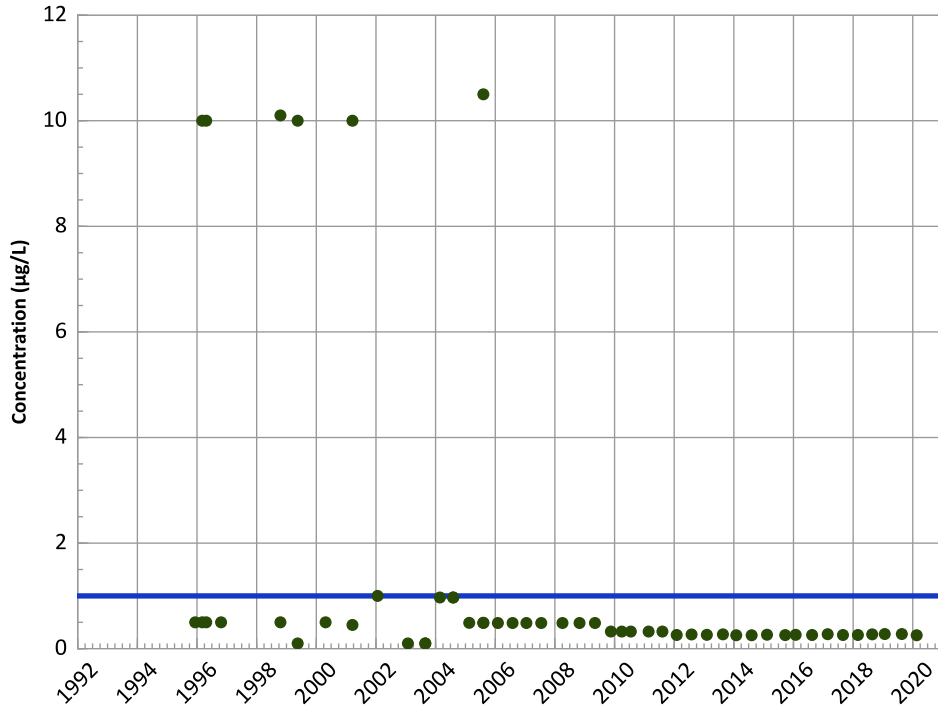
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

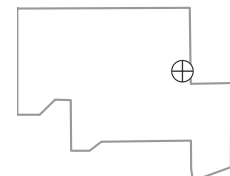
All Data:

All Non-Detect

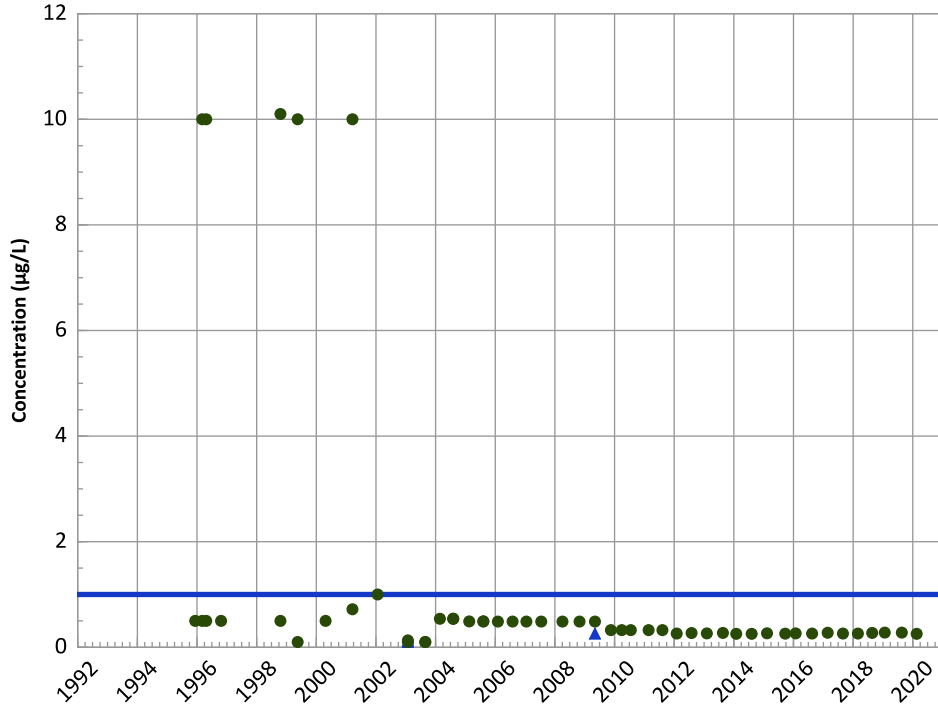
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

- ▲ 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

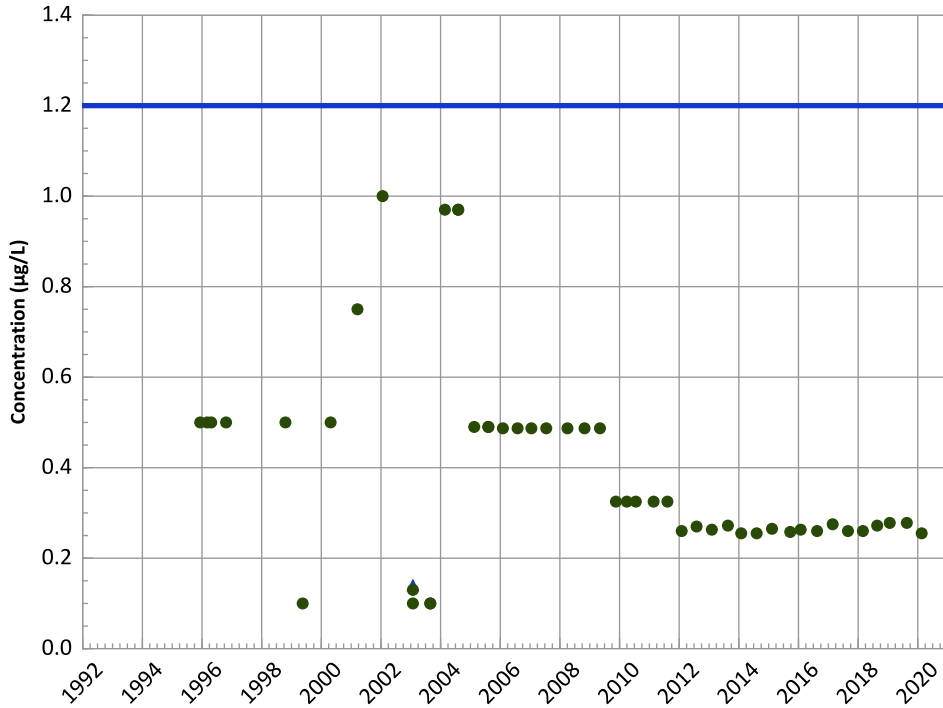
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

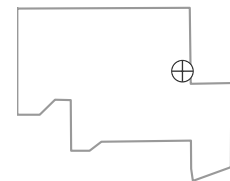
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

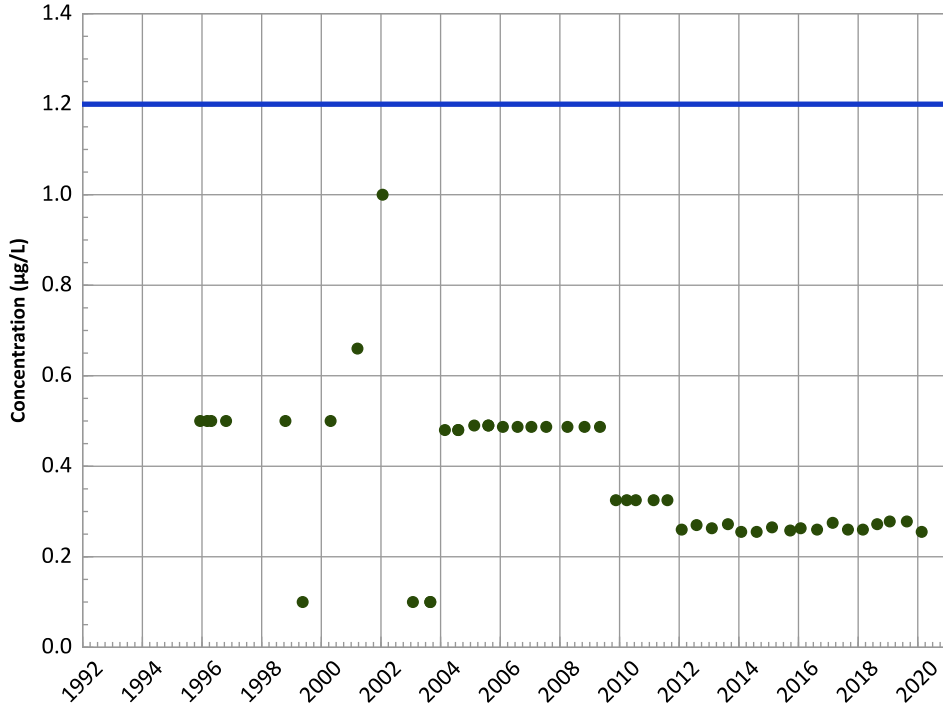


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

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

PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

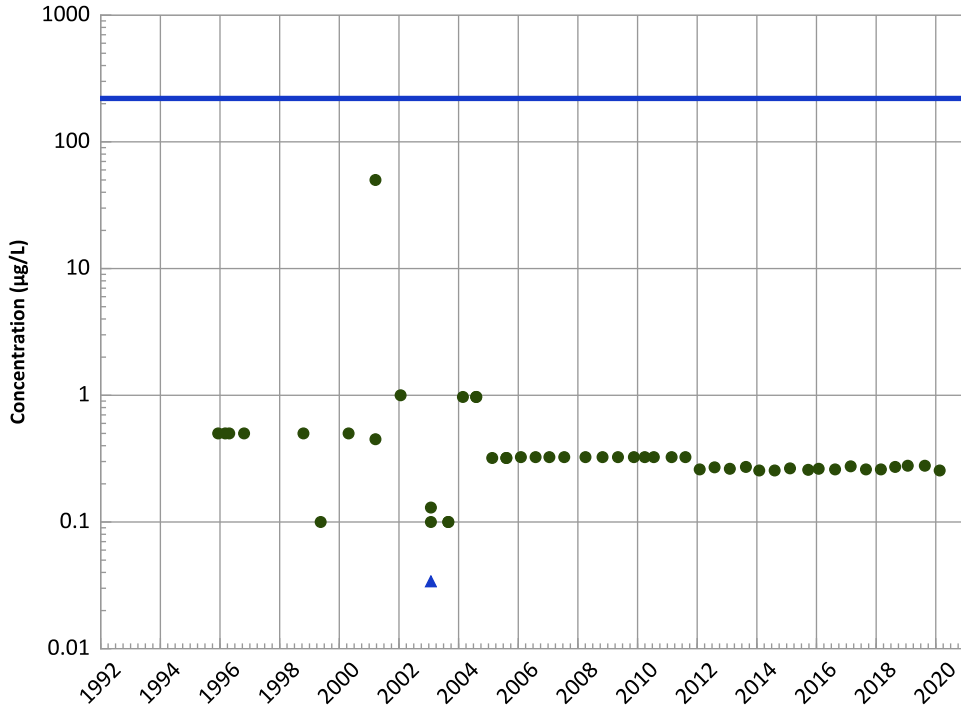
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

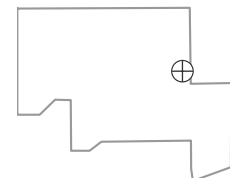
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

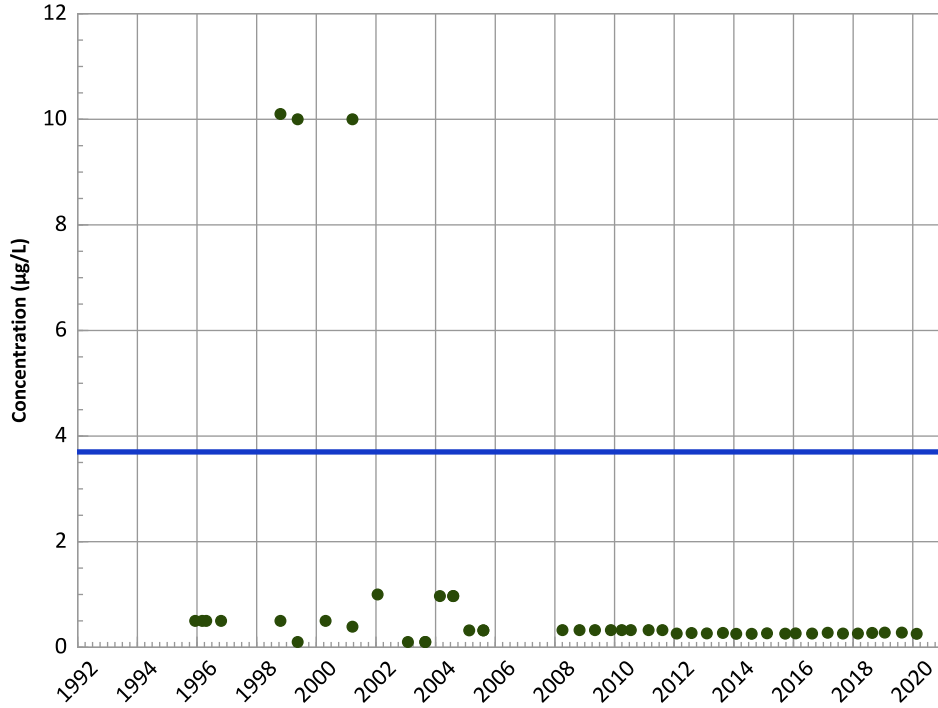
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

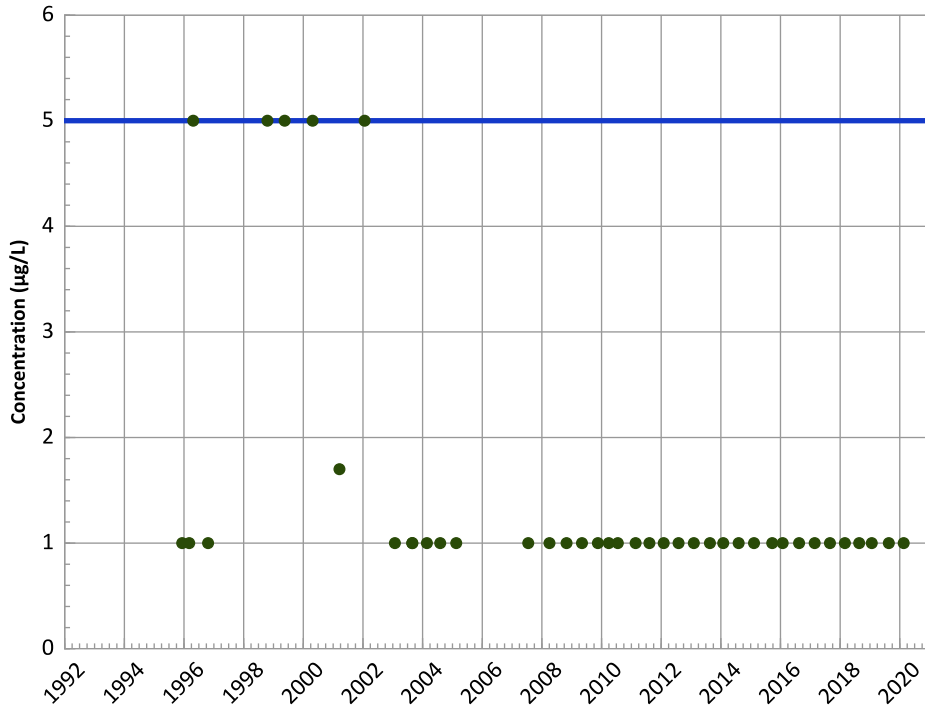
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

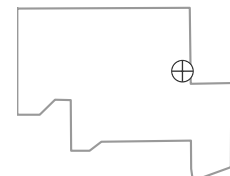
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

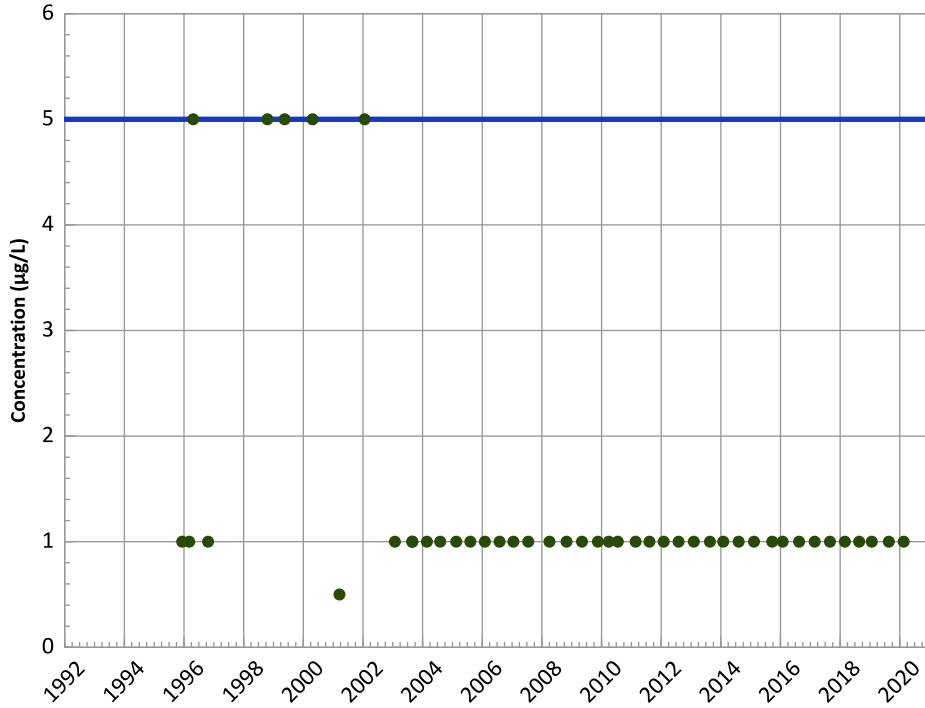
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

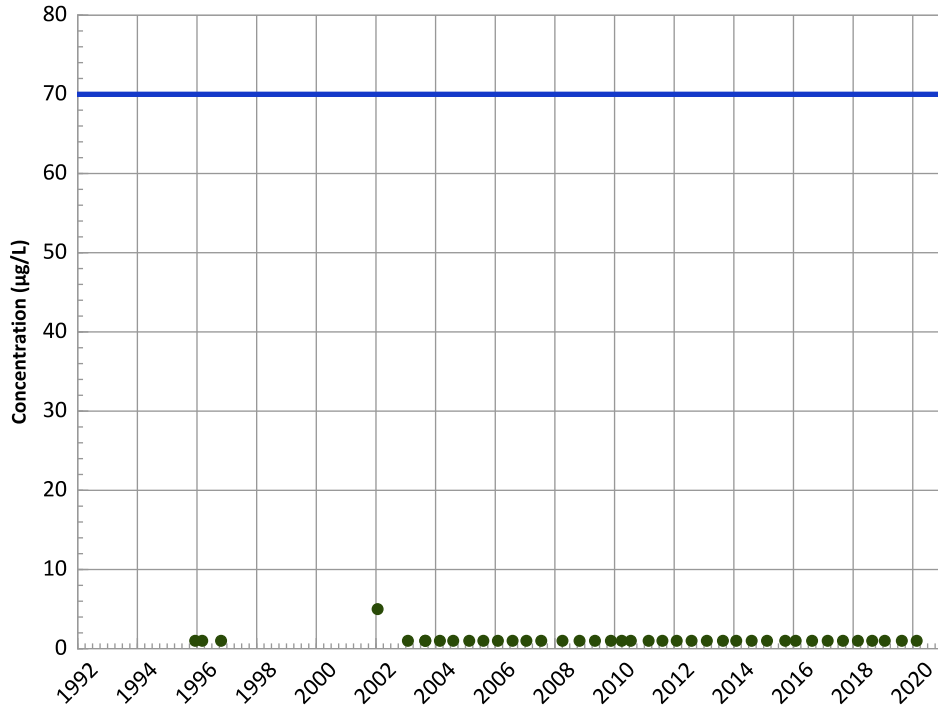
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

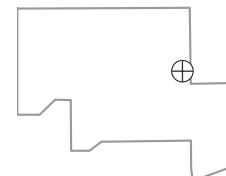
All Data:

All Non-Detect

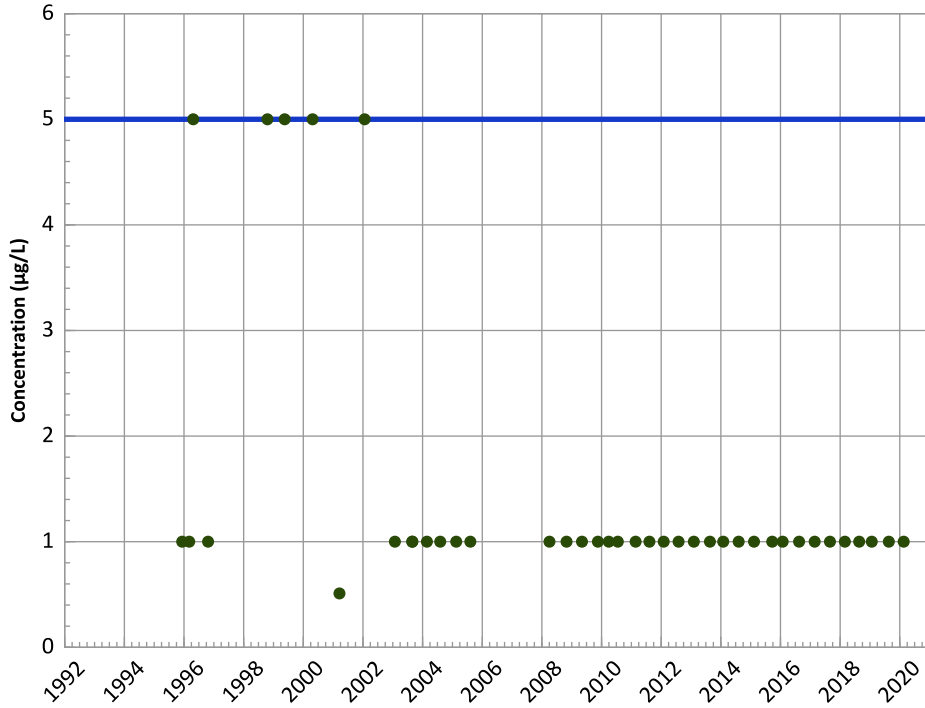
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

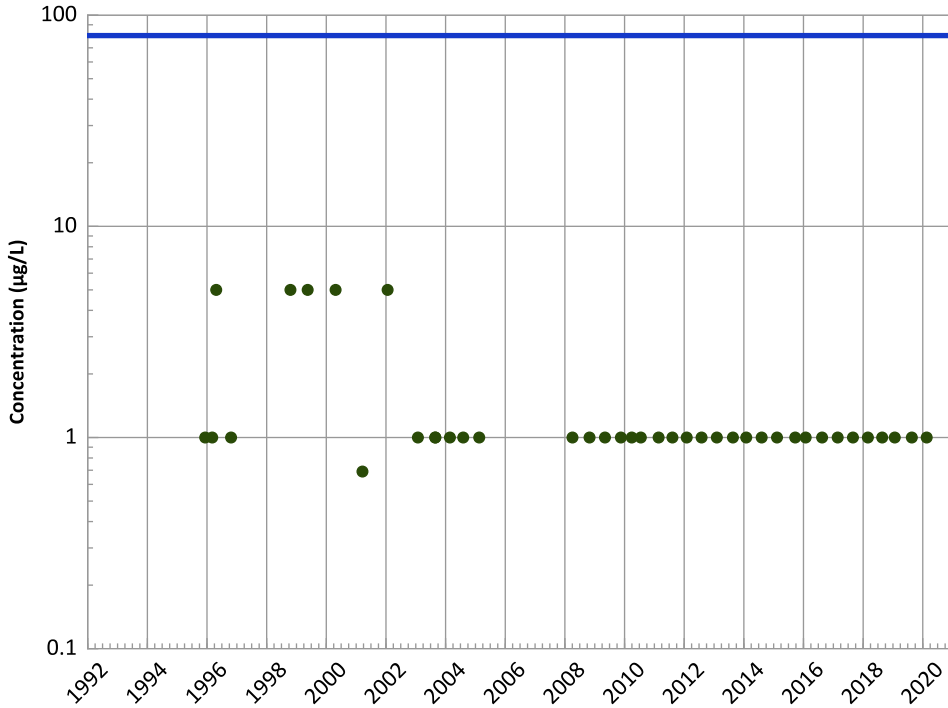
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

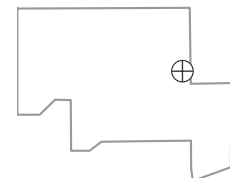
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

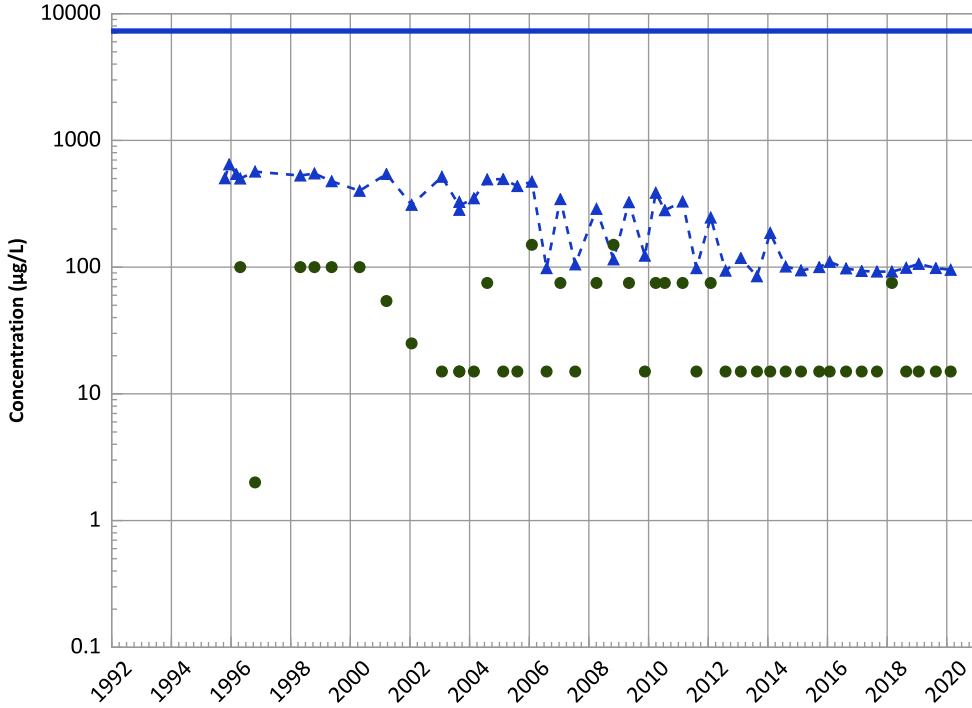
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

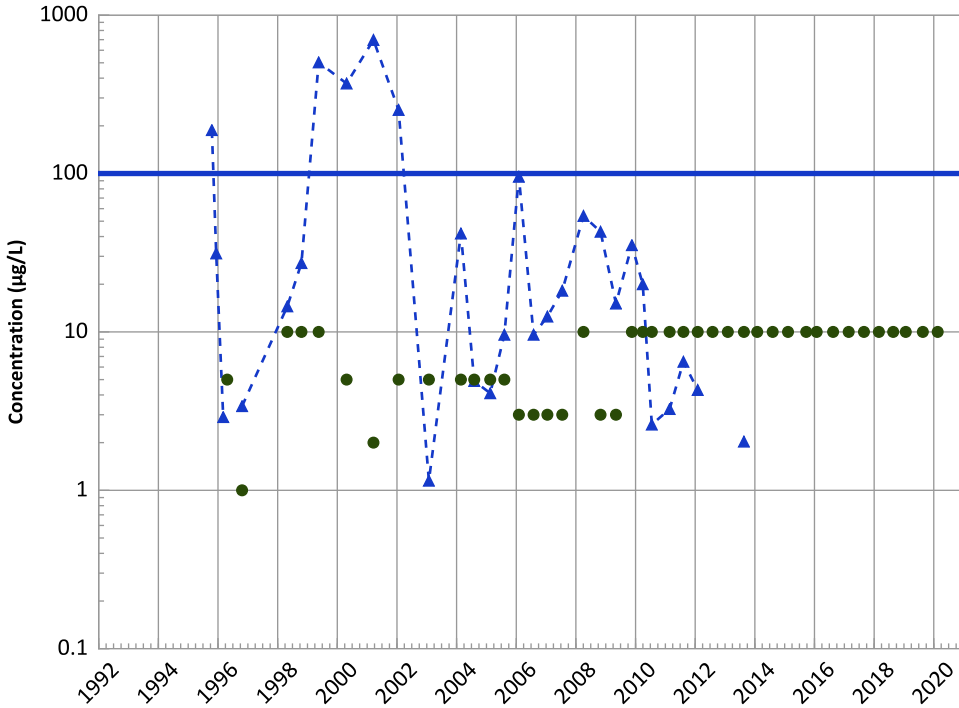
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

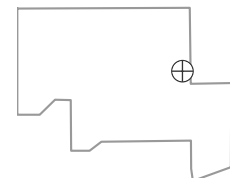
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

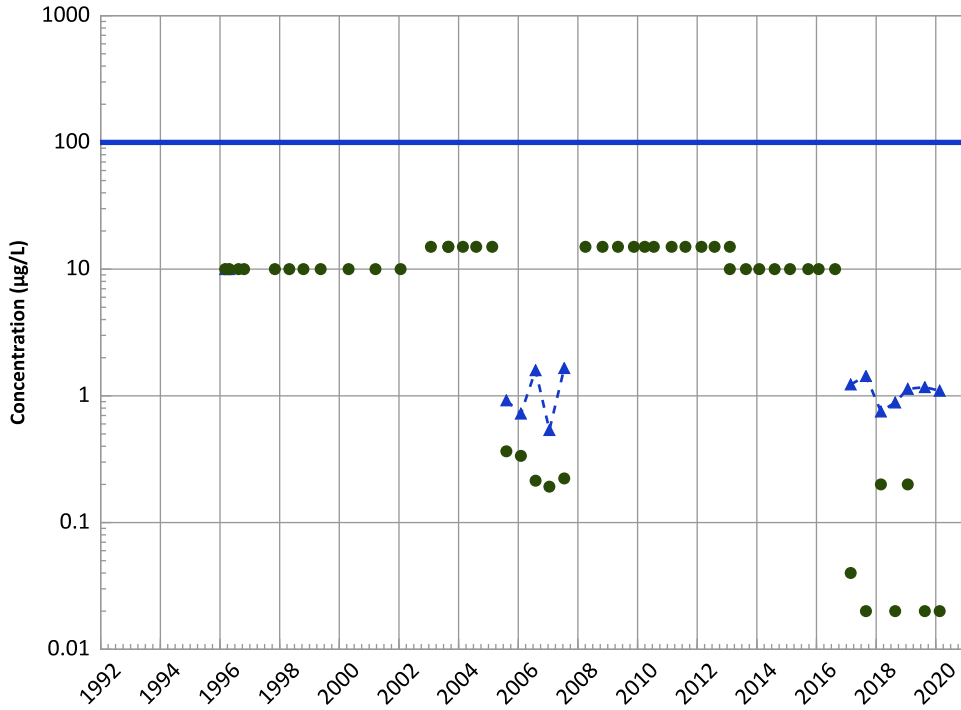
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

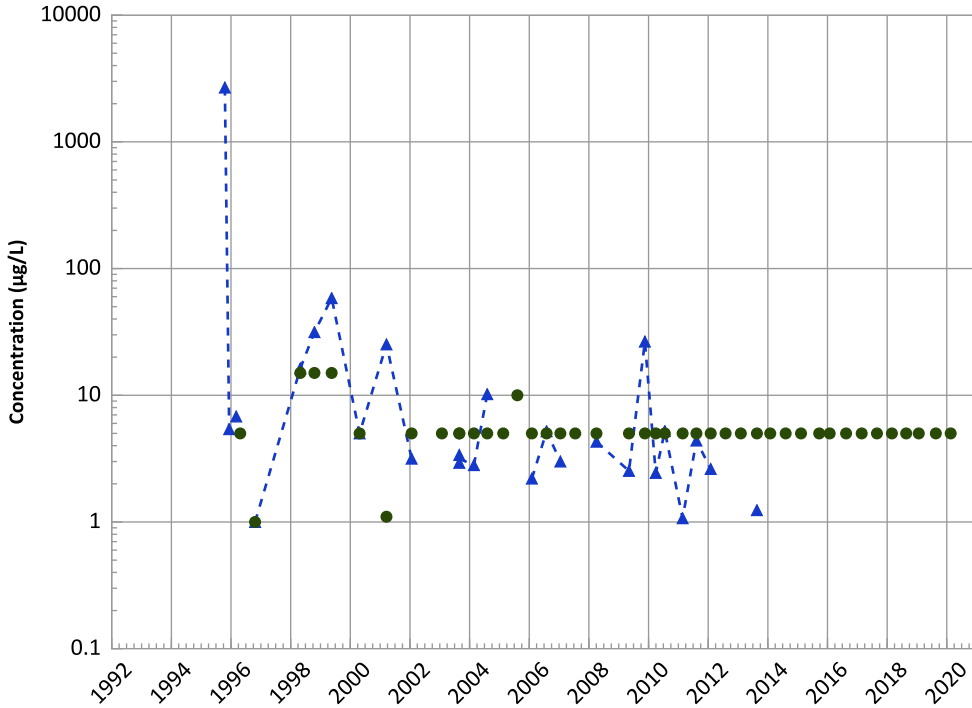
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

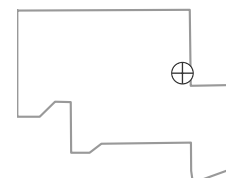
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

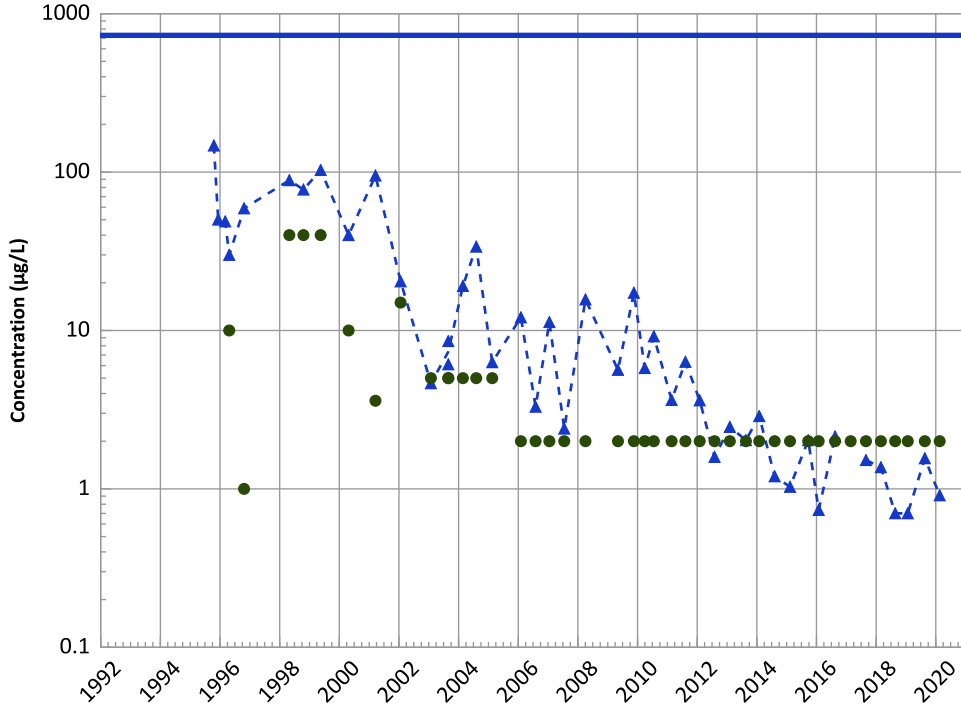
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

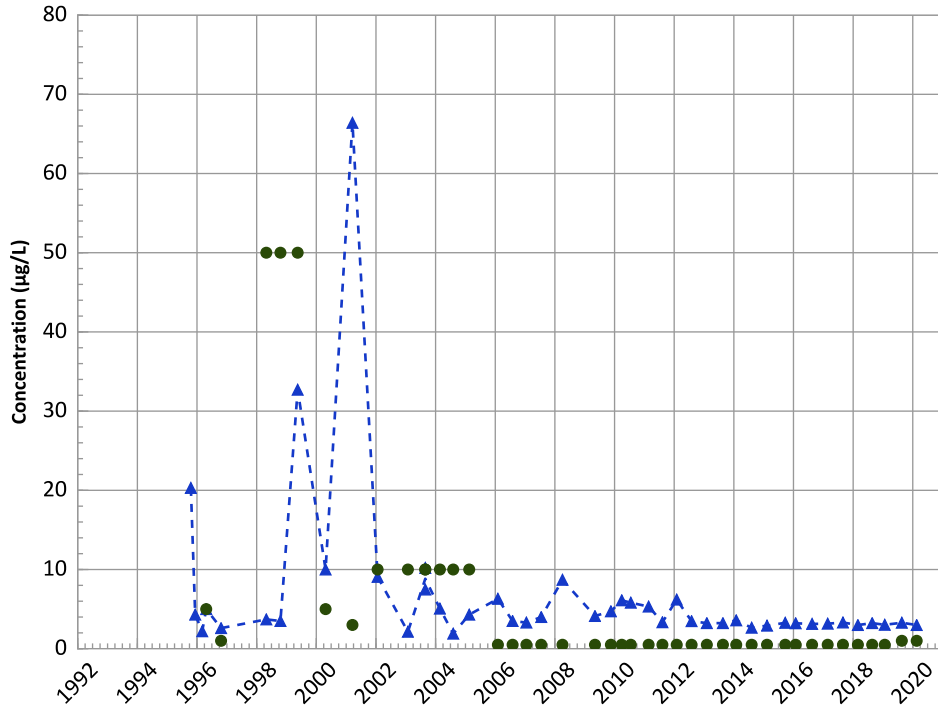
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

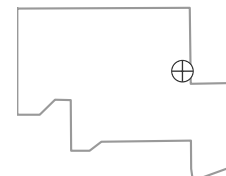
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

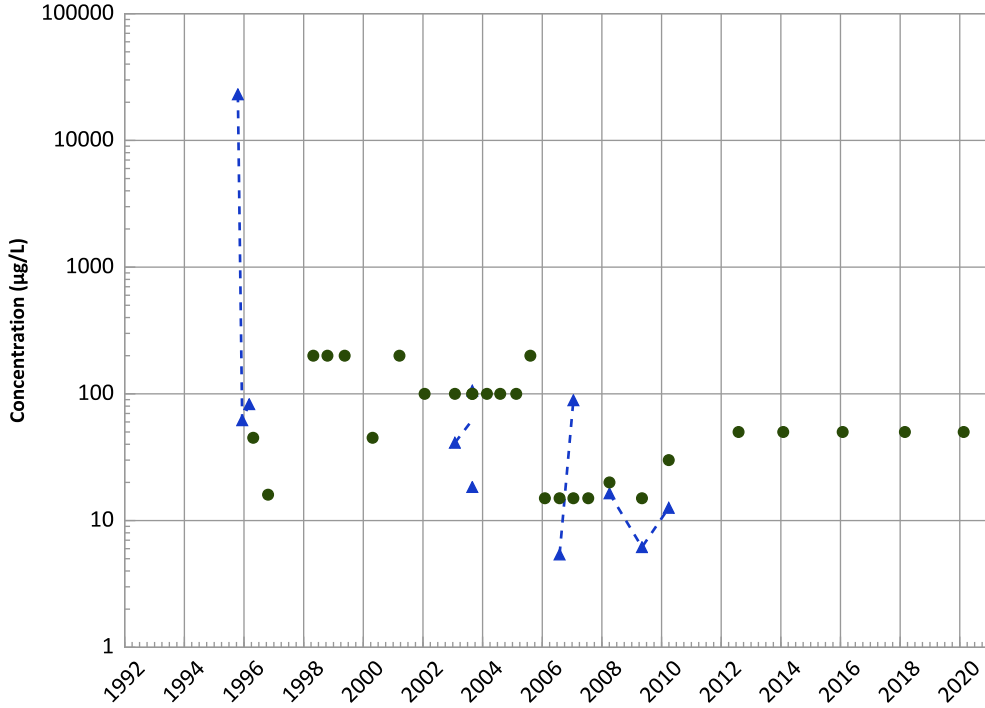
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

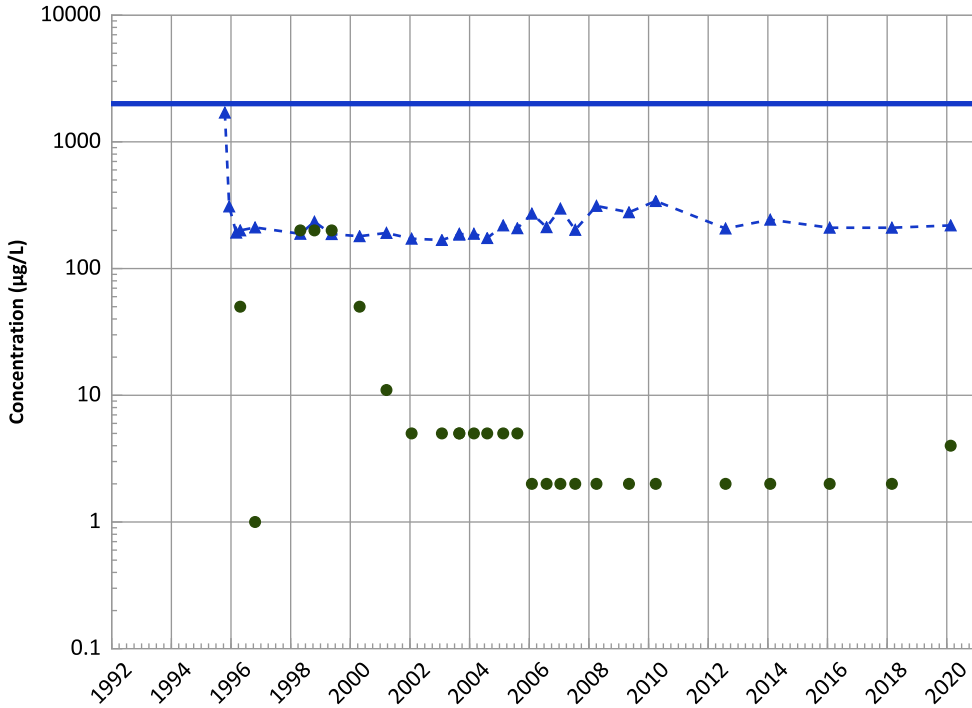
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

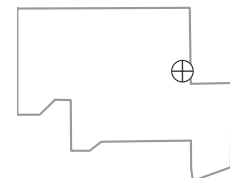
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

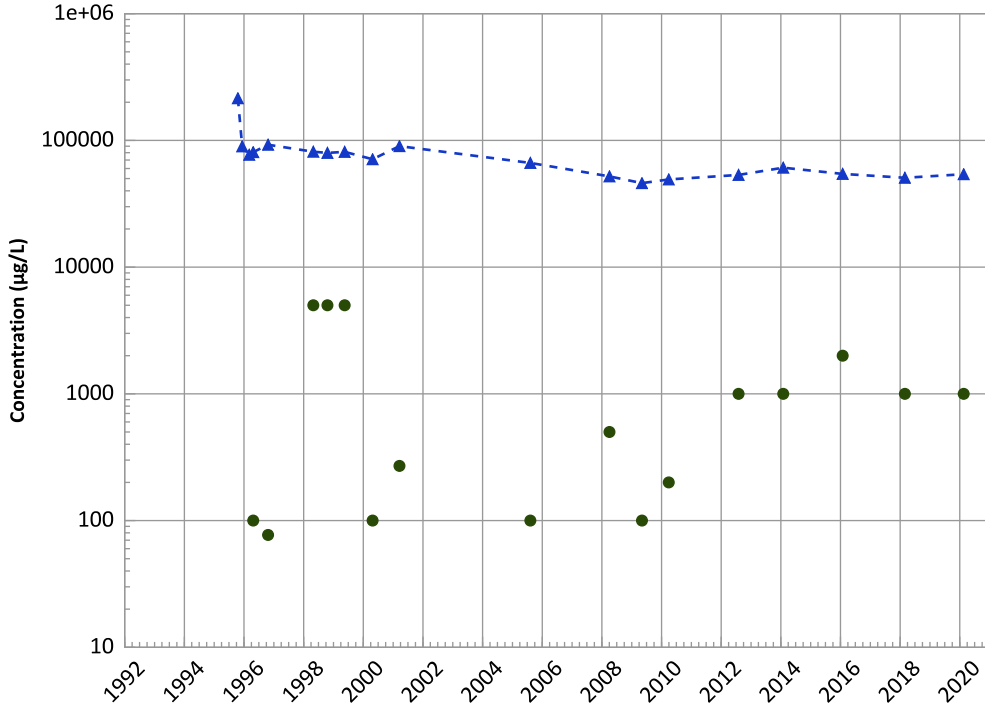
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

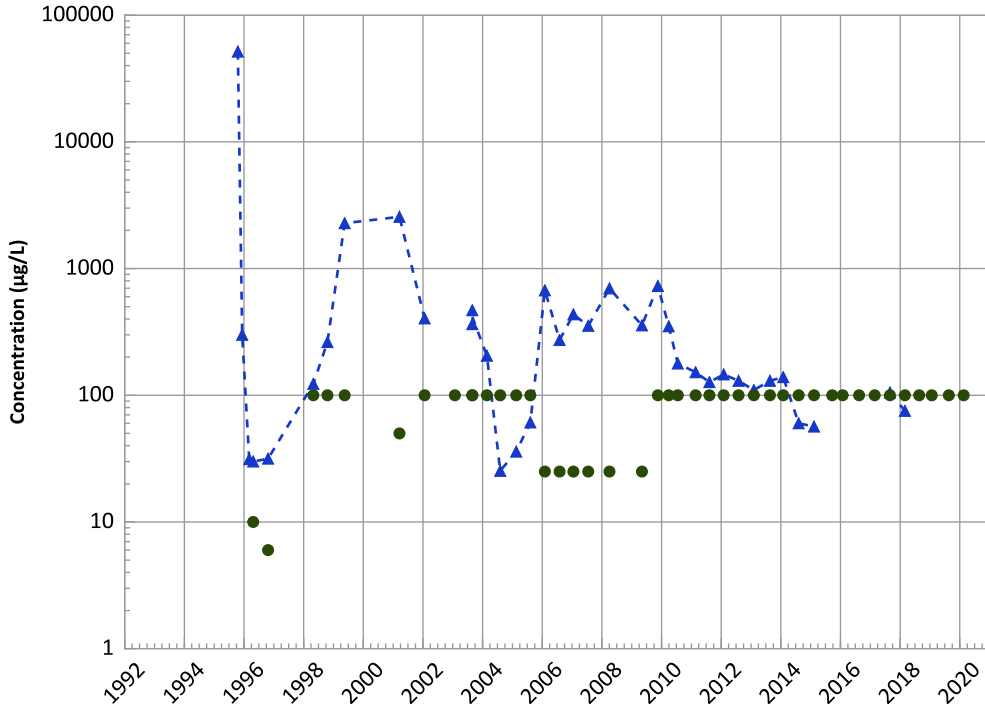
2018 - 2020 Data:

Stable

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

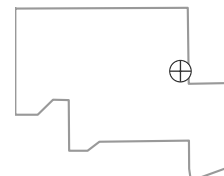
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

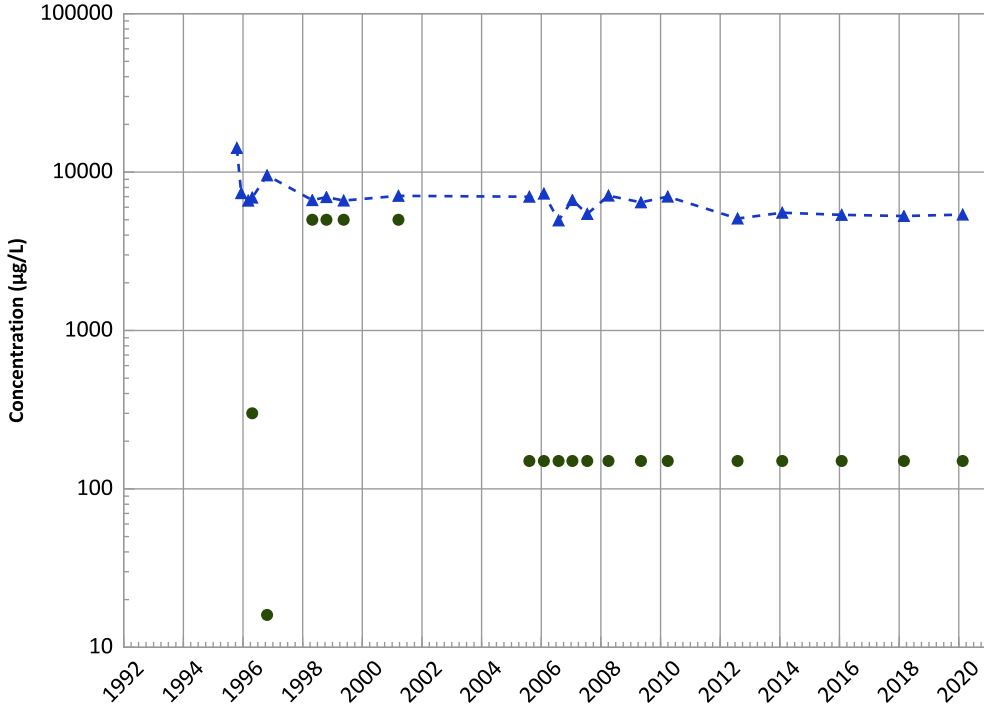
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

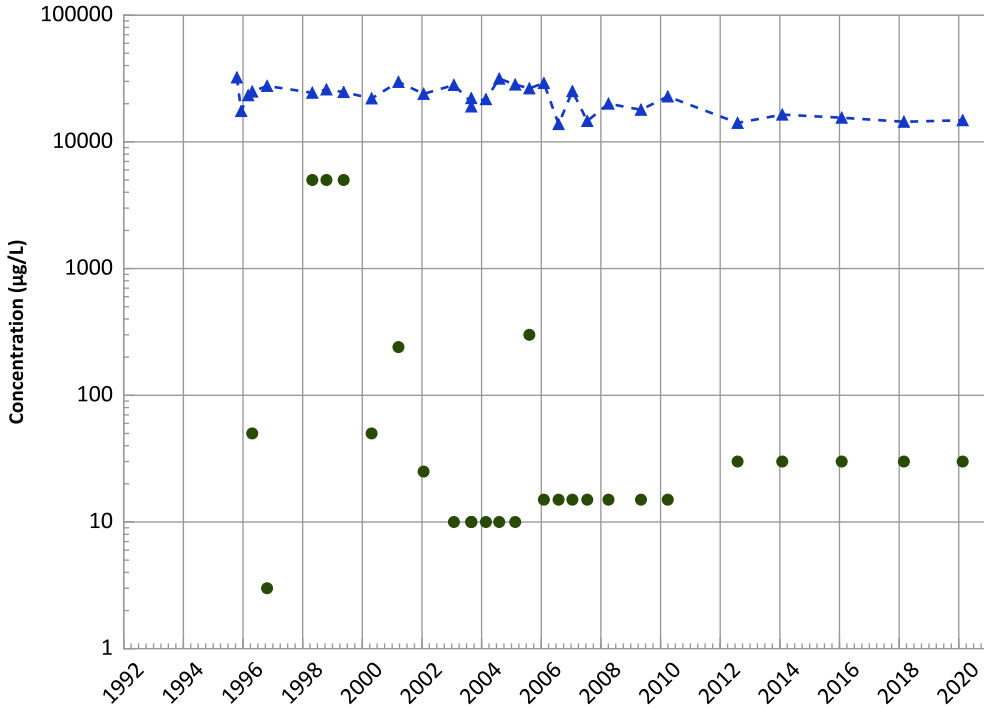
2018 - 2020 Data:

Stable

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

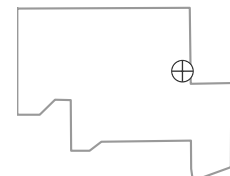
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

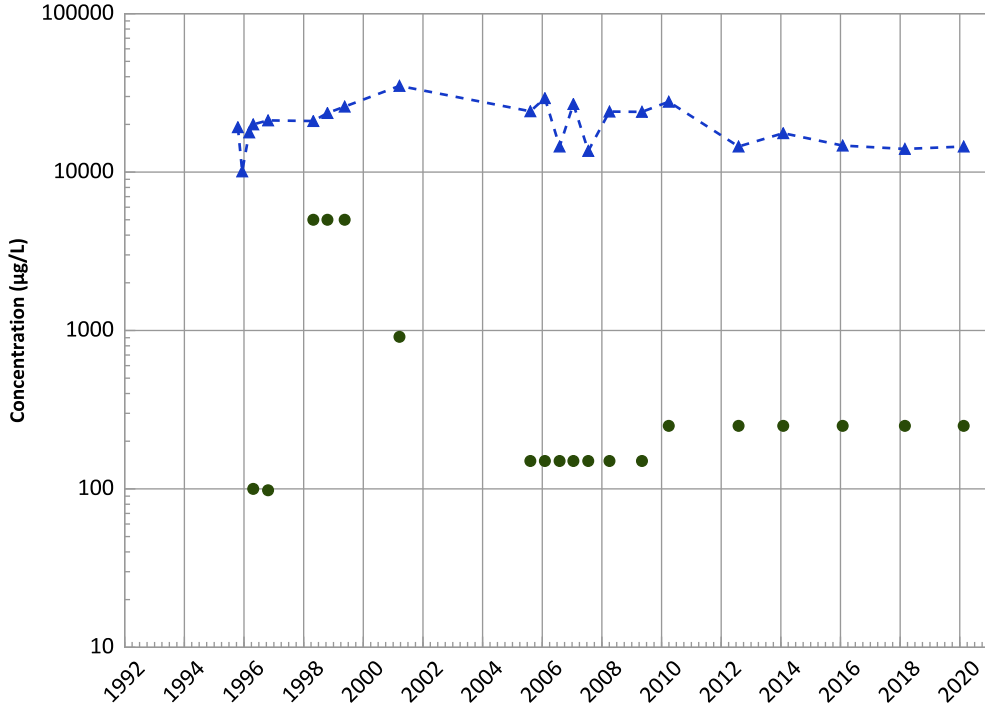
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

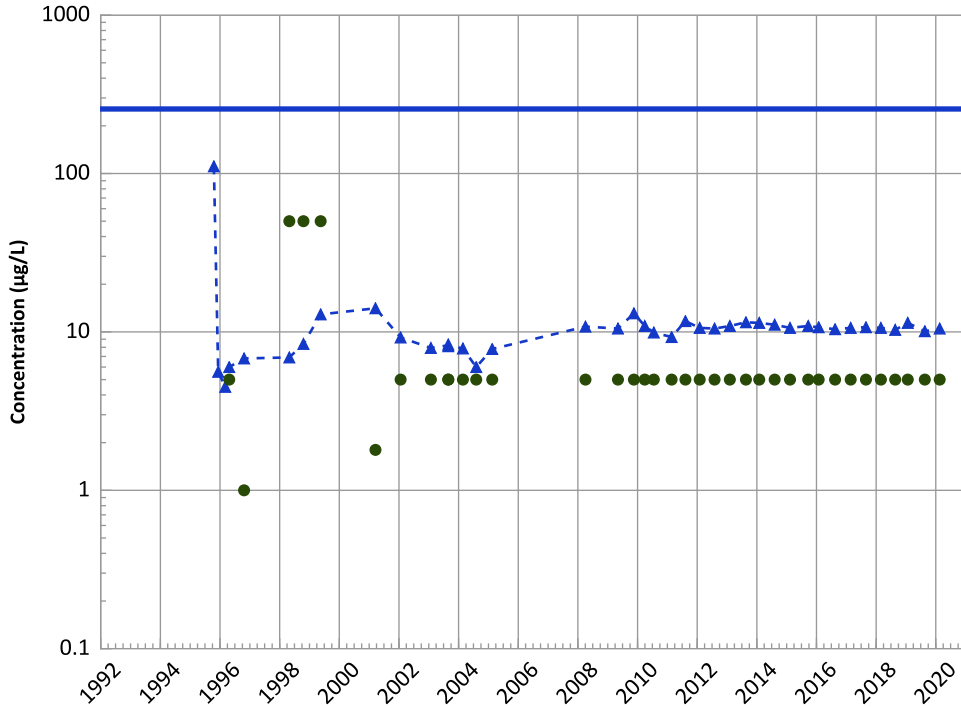
2018 - 2020 Data:

Stable

All Data:

Stable

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

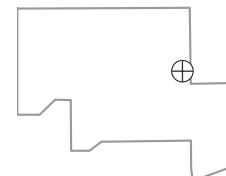
All Data:

No Trend

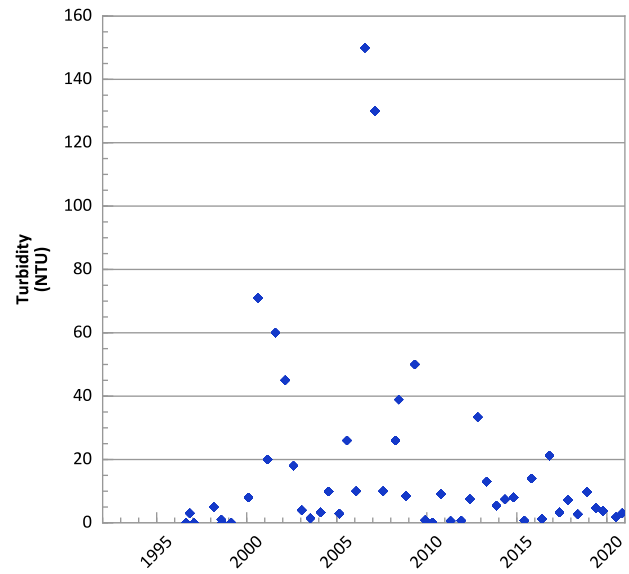
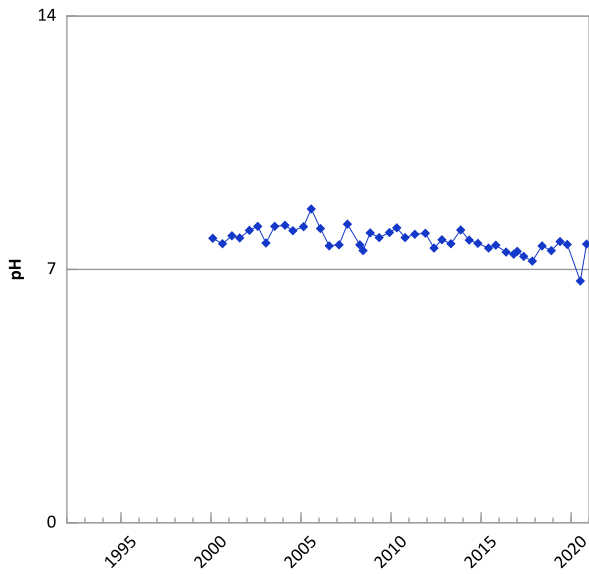
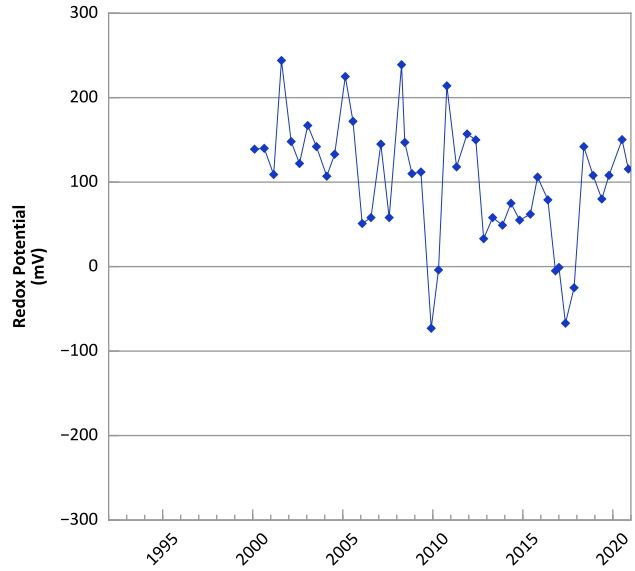
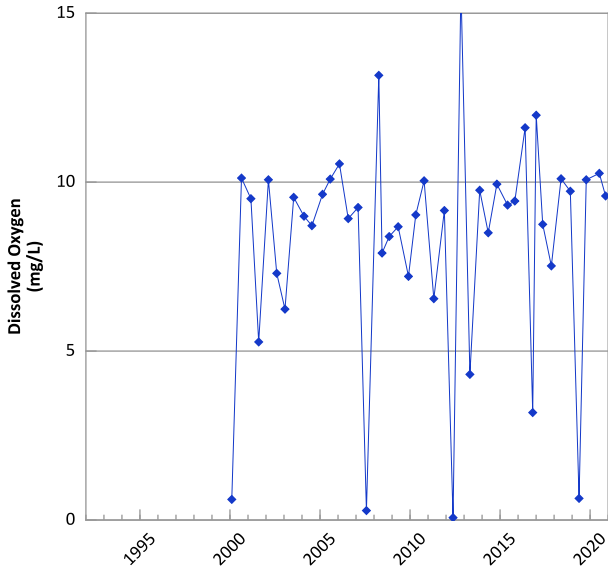
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/18/1995 to 02/18/2020
Analysis Date: 06/03/2021

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

Well Location

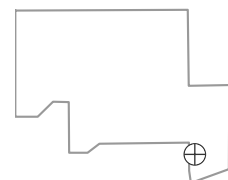


**PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



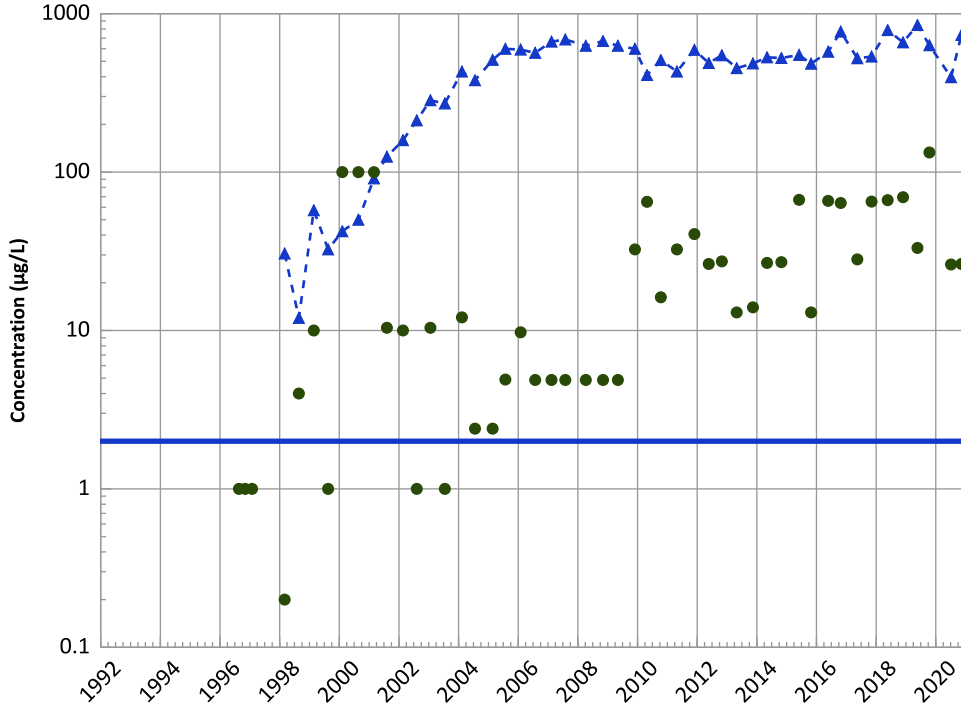
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

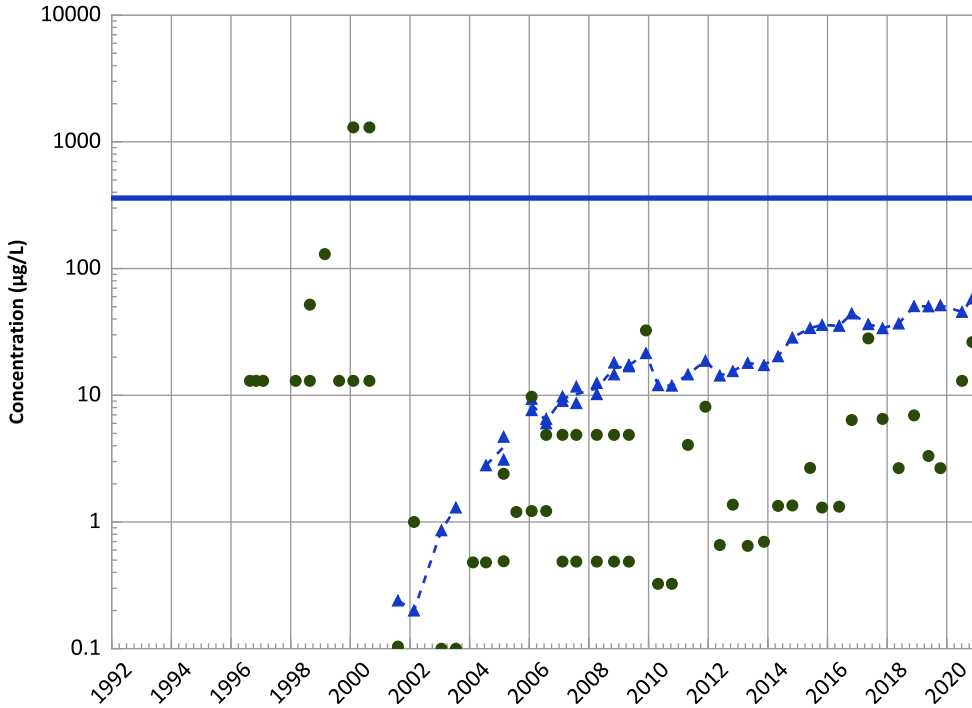
2018 - 2020 Data:

Stable

All Data:

Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

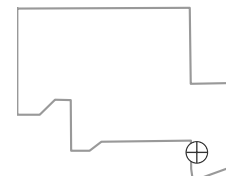
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

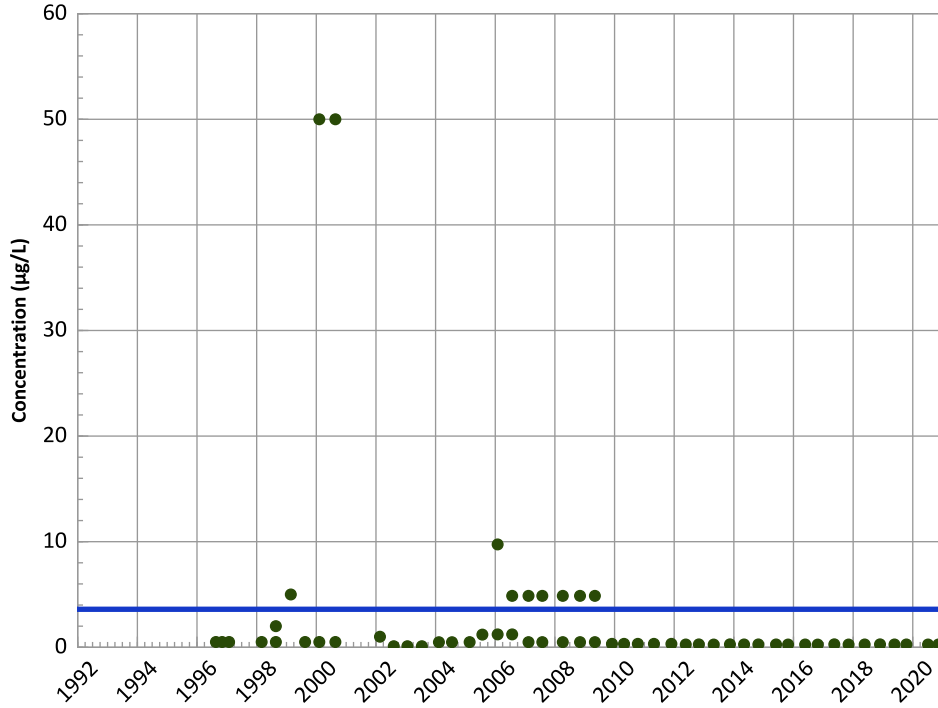
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

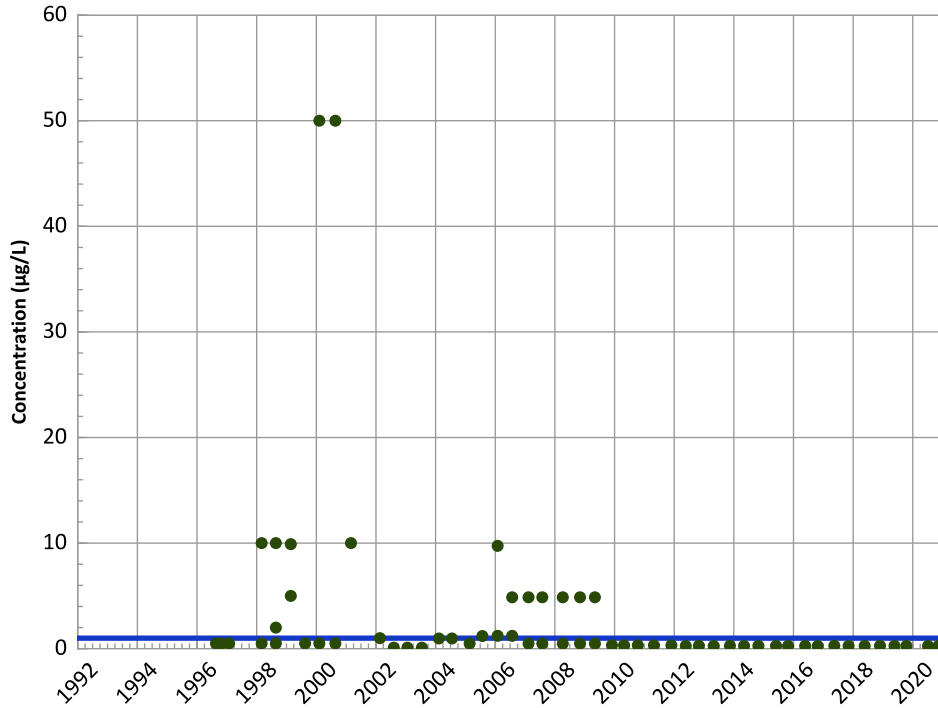
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

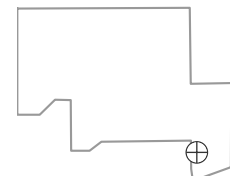
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

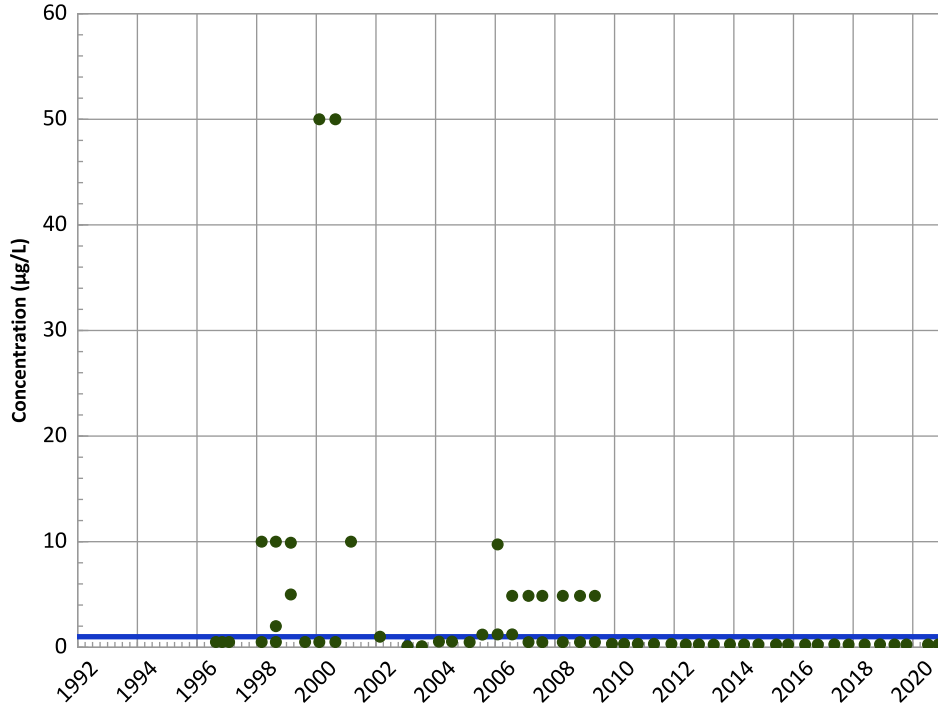
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

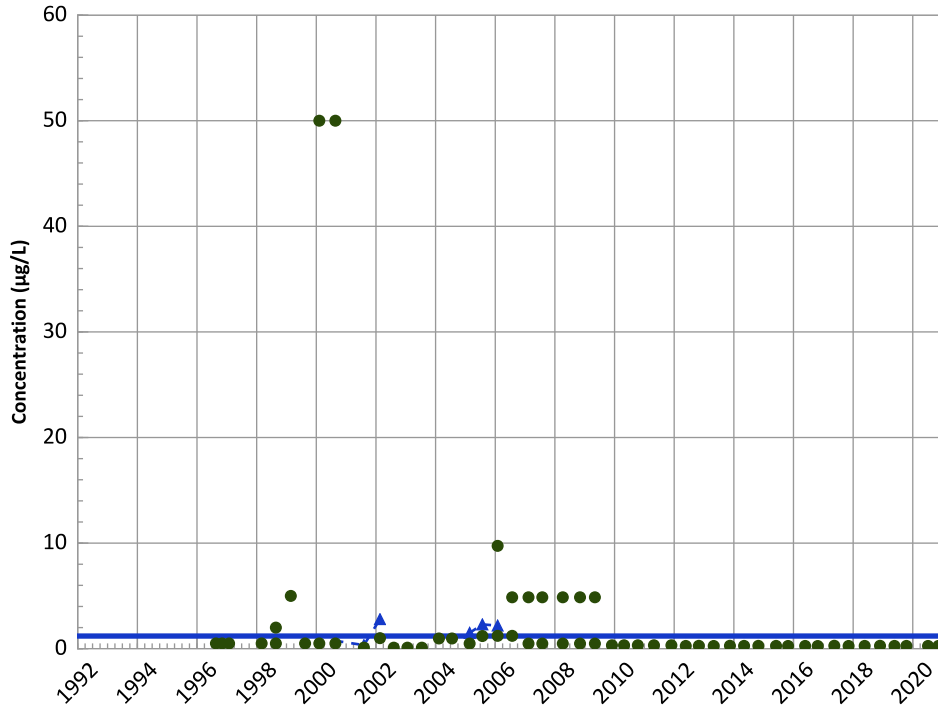
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

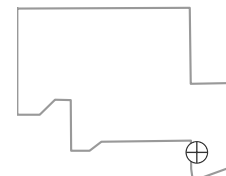
MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

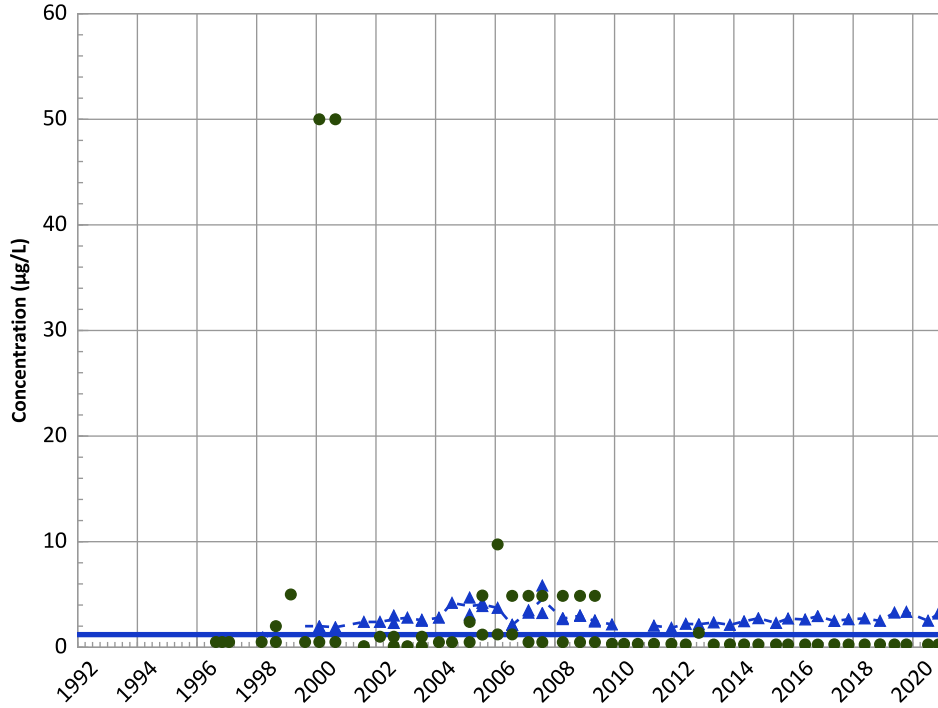
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

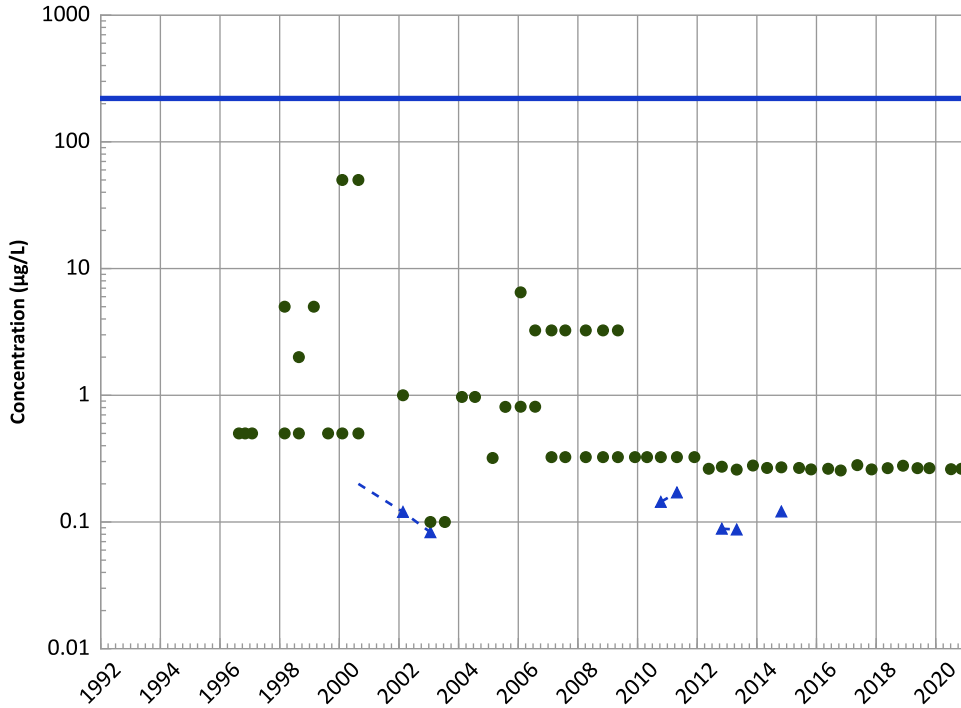
2018 - 2020 Data:

Stable

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

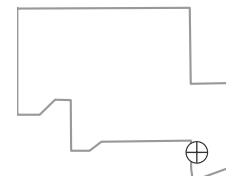
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

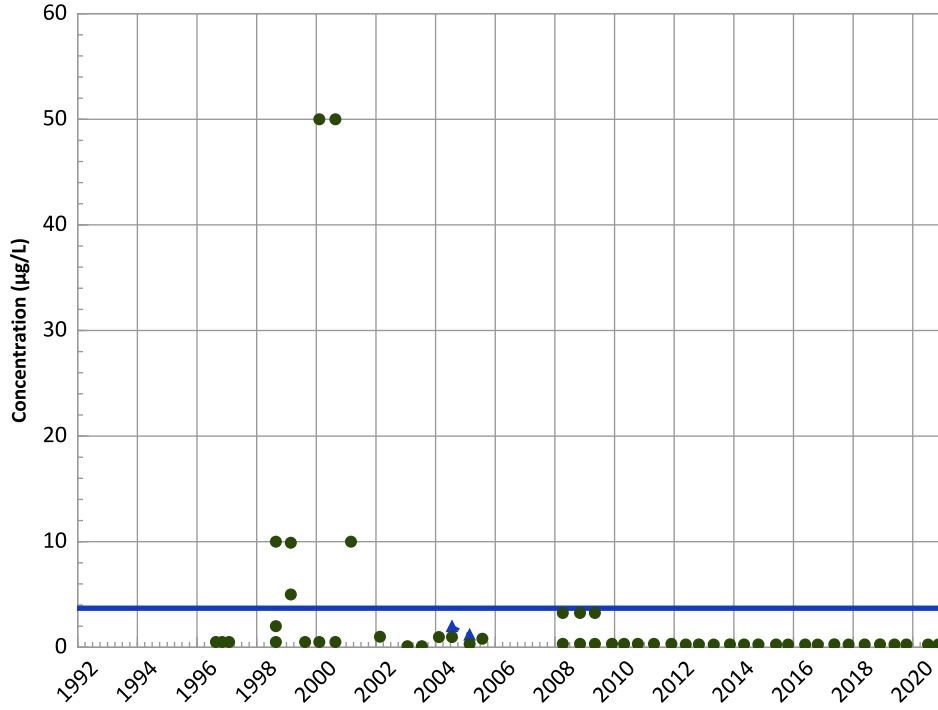
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

1,3-Dinitrobenzene Trend

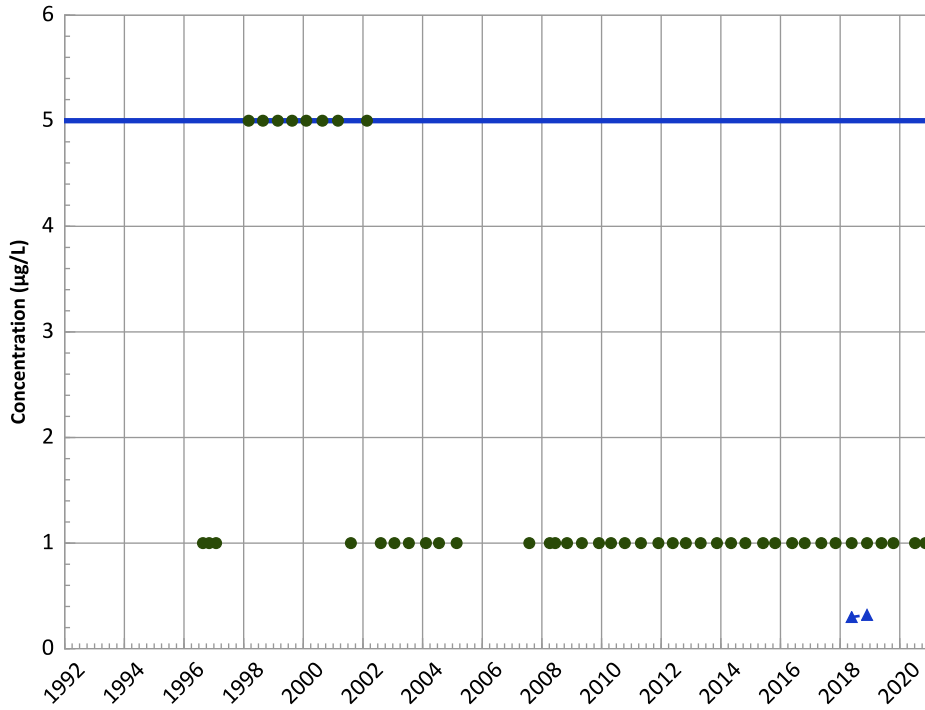


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend

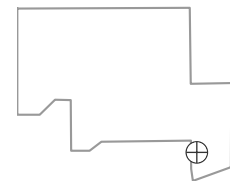


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

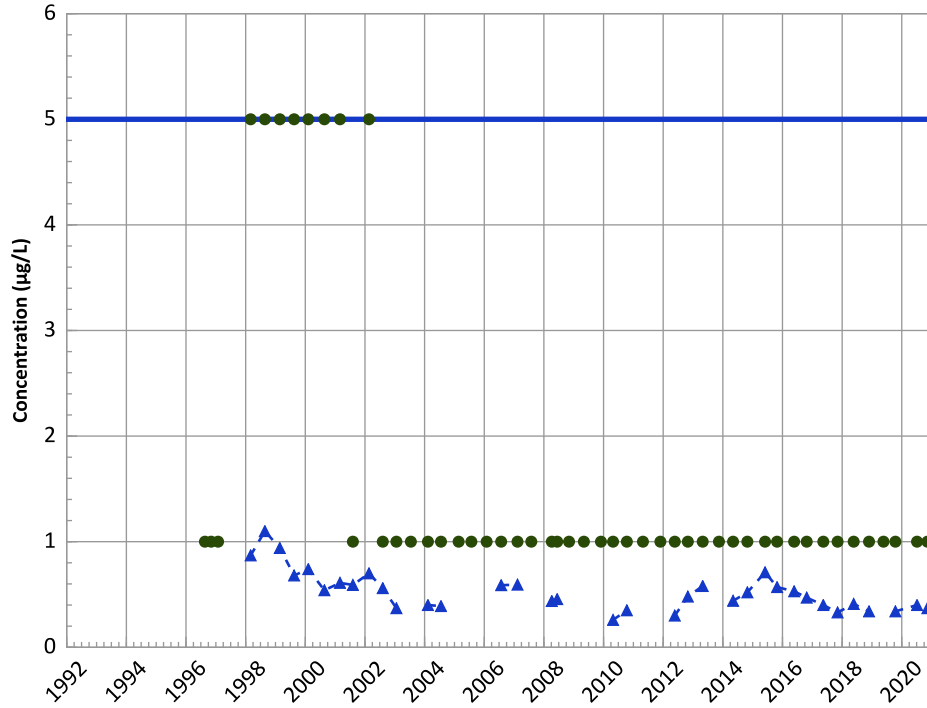


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

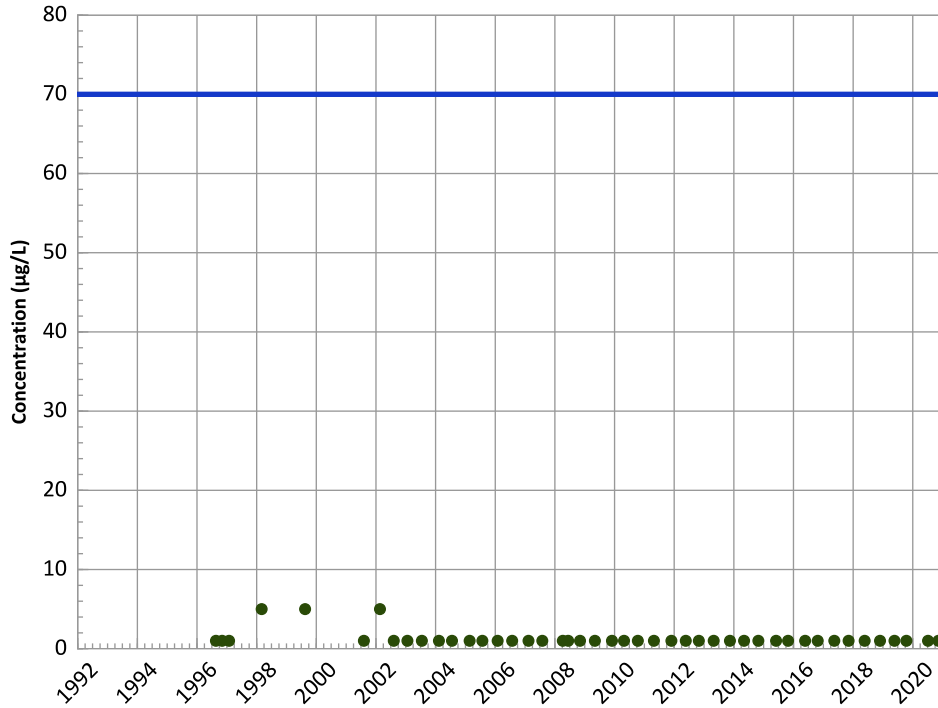


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

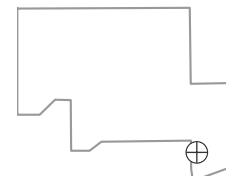
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

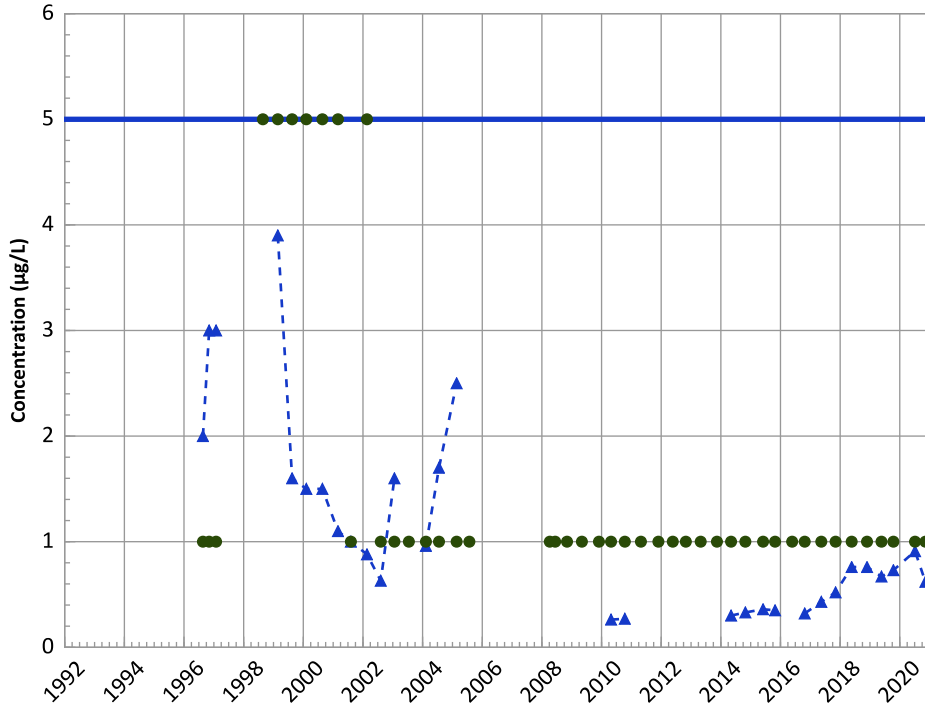
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ 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

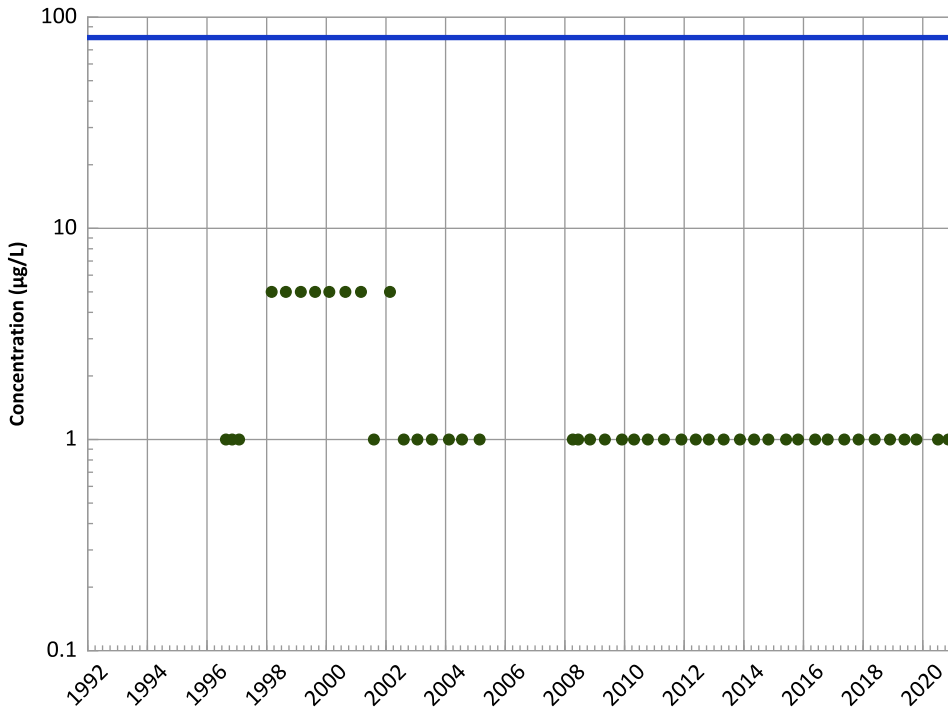


Concentration Trend

MAROS Mann-Kendall Method
 2018 - 2020 Data:
 Stable
 All Data:
 Decreasing

MAROS Linear Regression Method
 2018 - 2020 Data:
 Stable
 All Data:
 Decreasing

Chloroform Trend

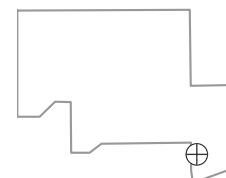


Concentration Trend

MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect

MAROS Linear Regression Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect

Well Location

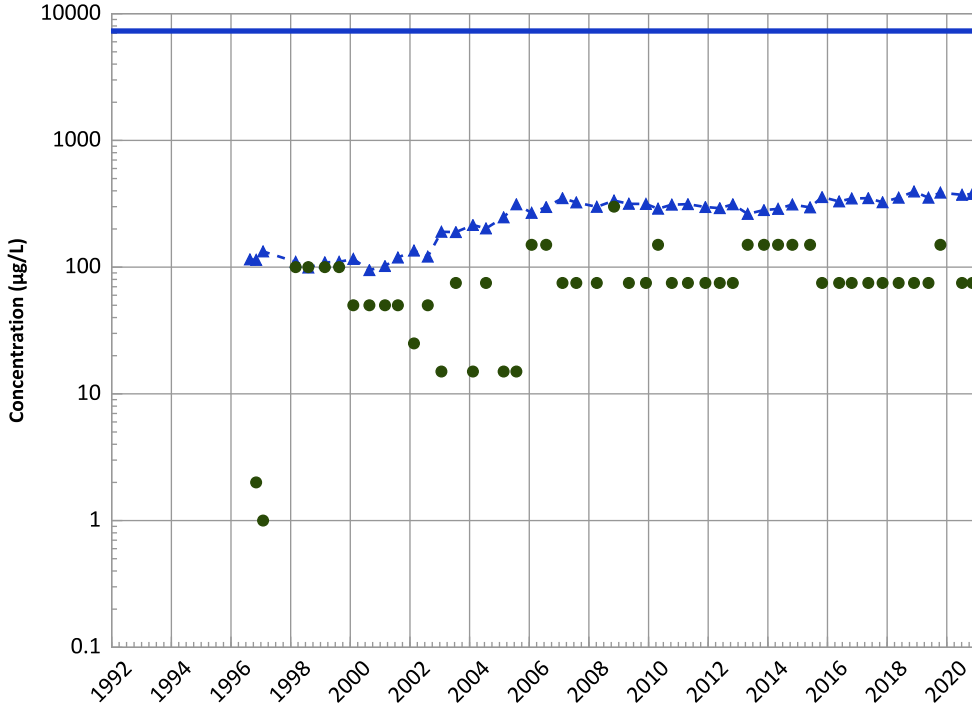


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/20/1996 to 11/10/2020
 Analysis Date: 06/03/2021

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

PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

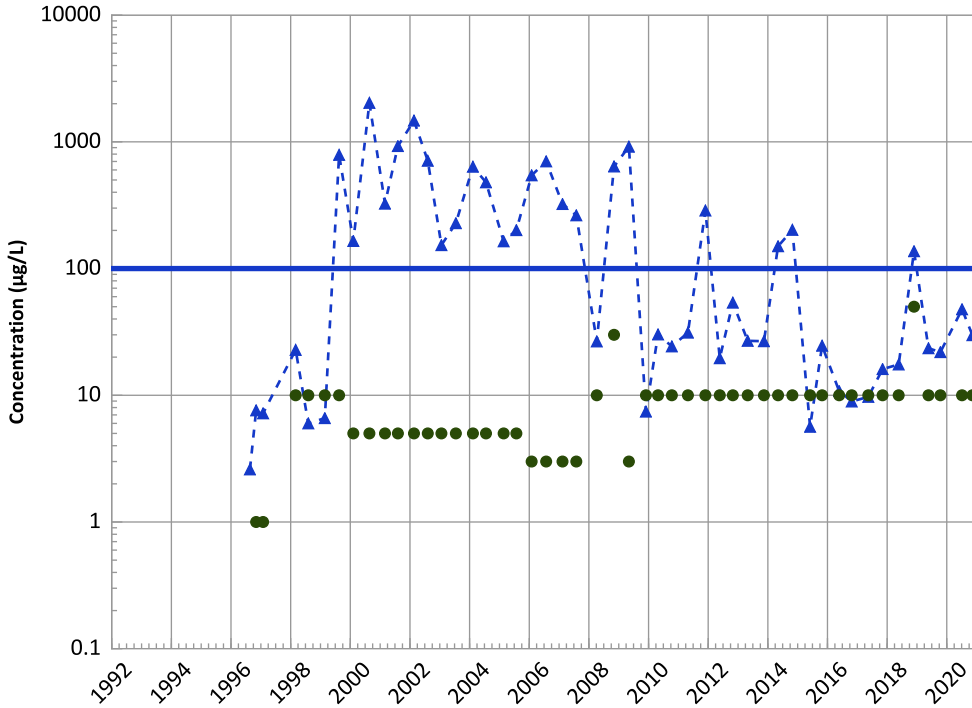
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

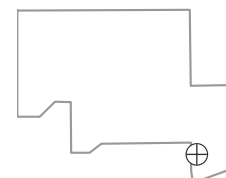
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

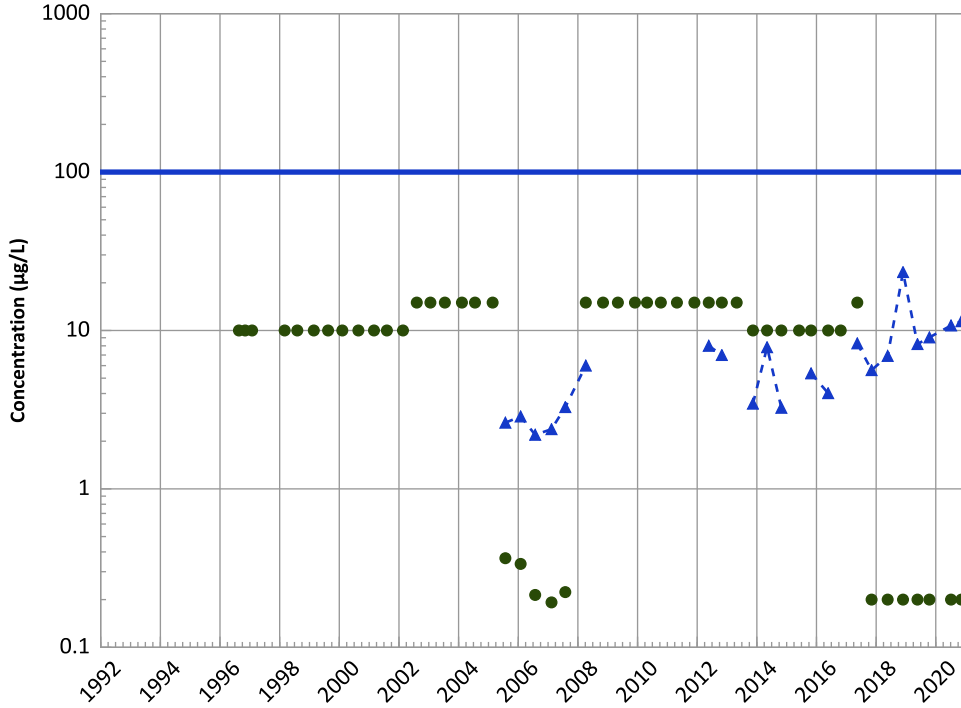
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

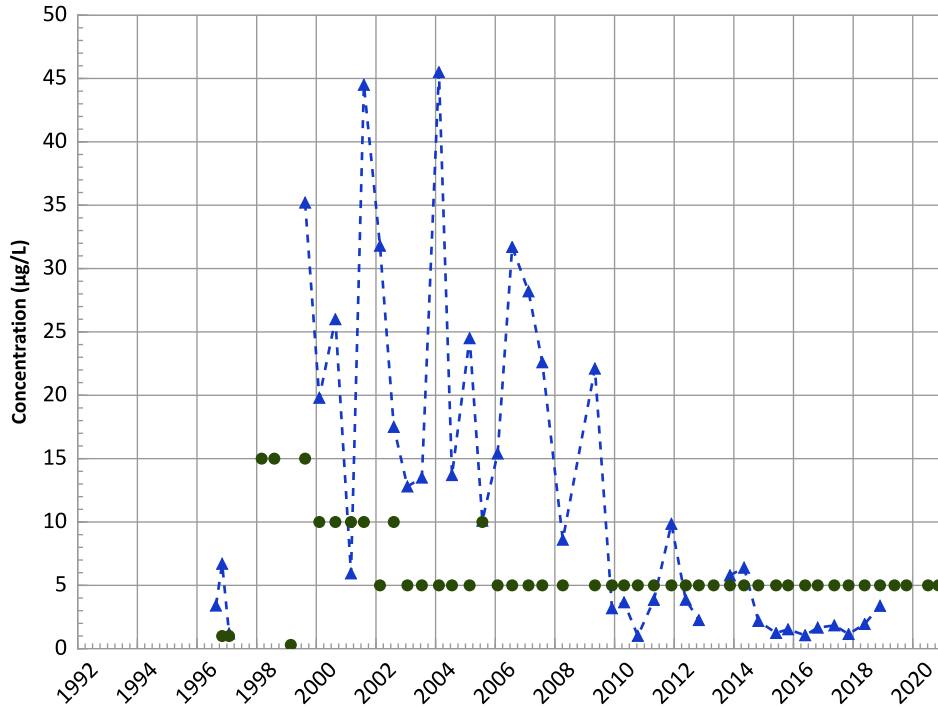
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

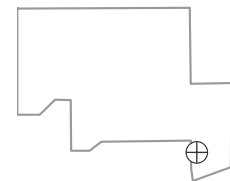
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Well Location

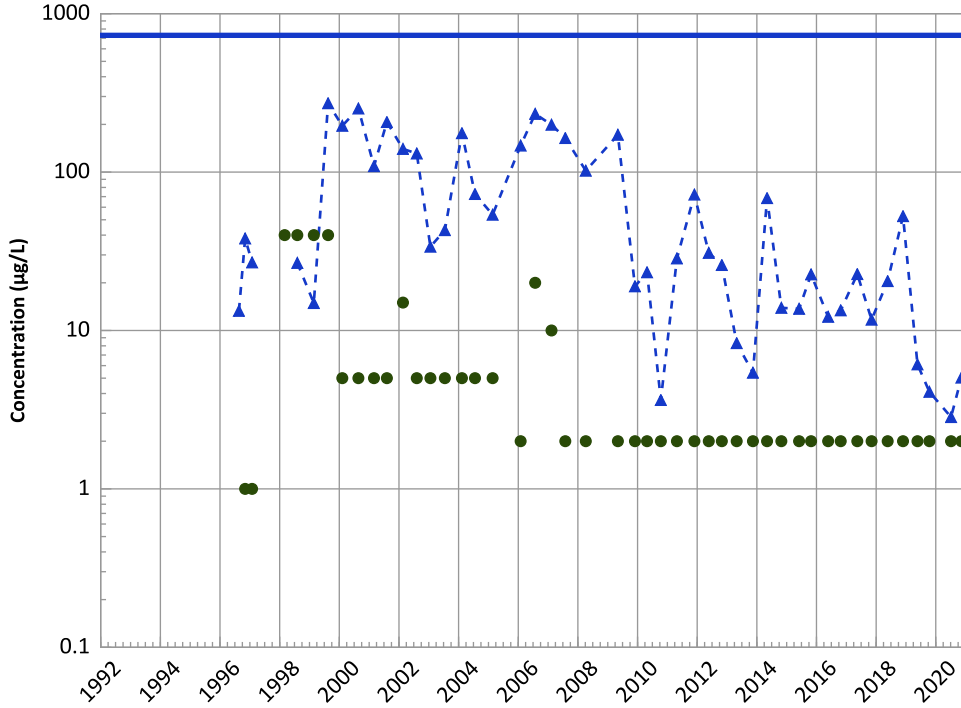


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

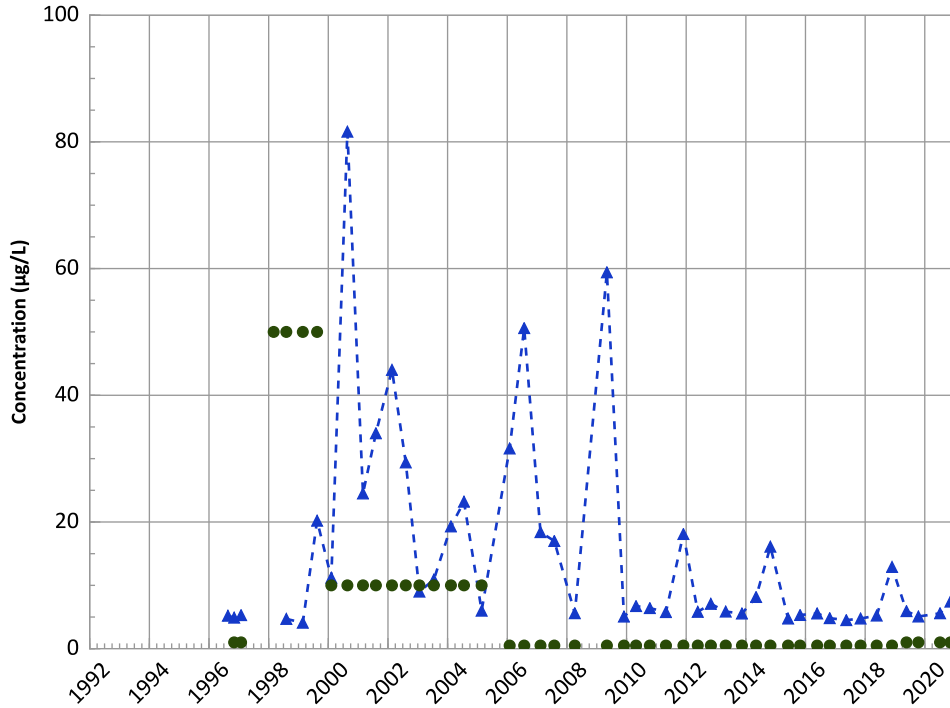
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

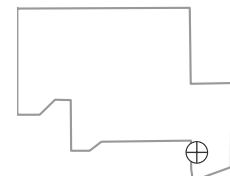
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Well Location

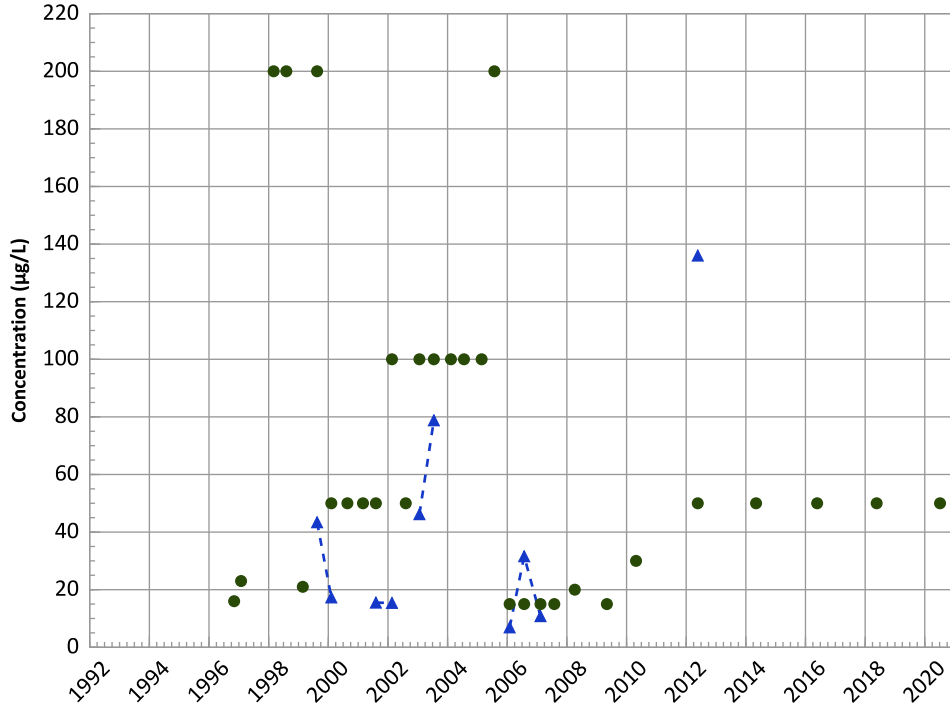


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

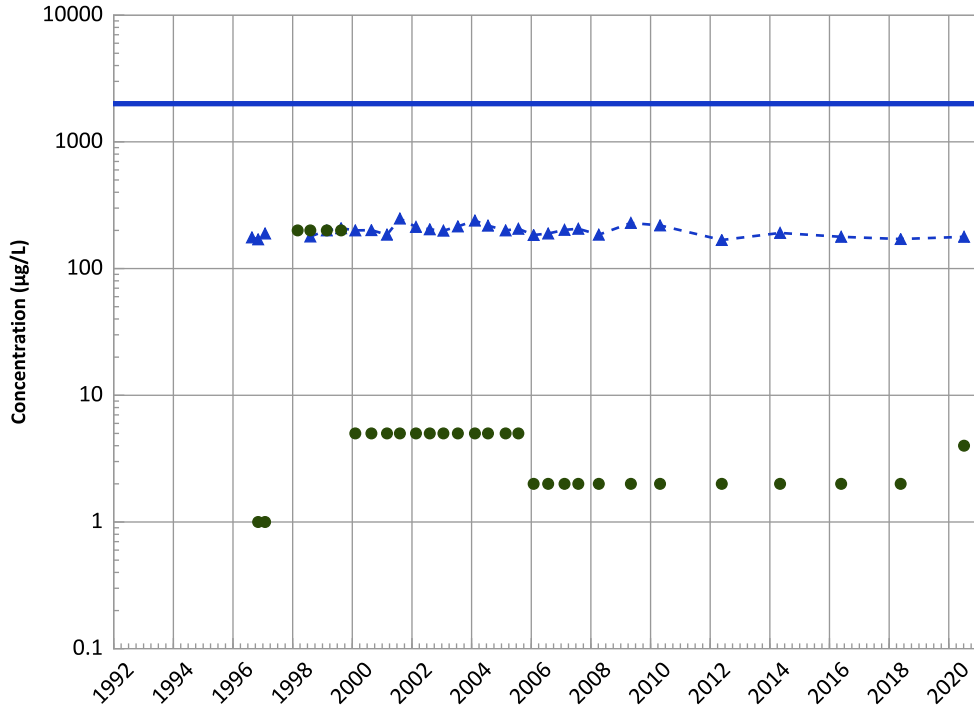
2018 - 2020 Data:

No Trend

All Data:

No Trend

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

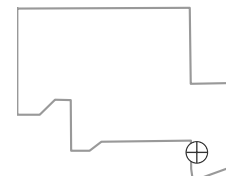
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

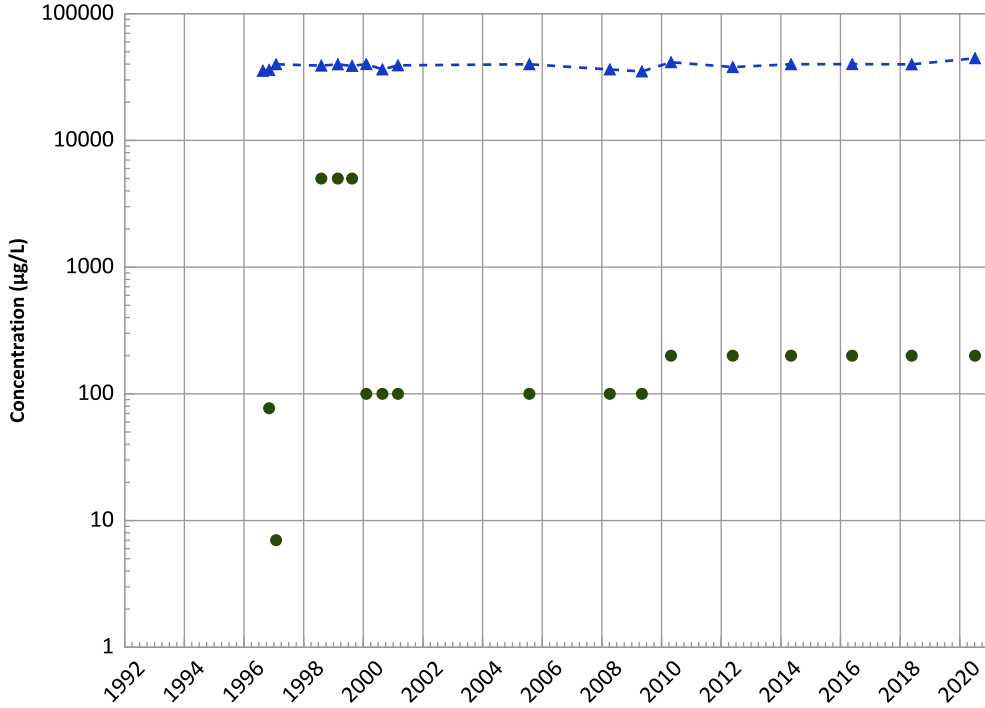
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

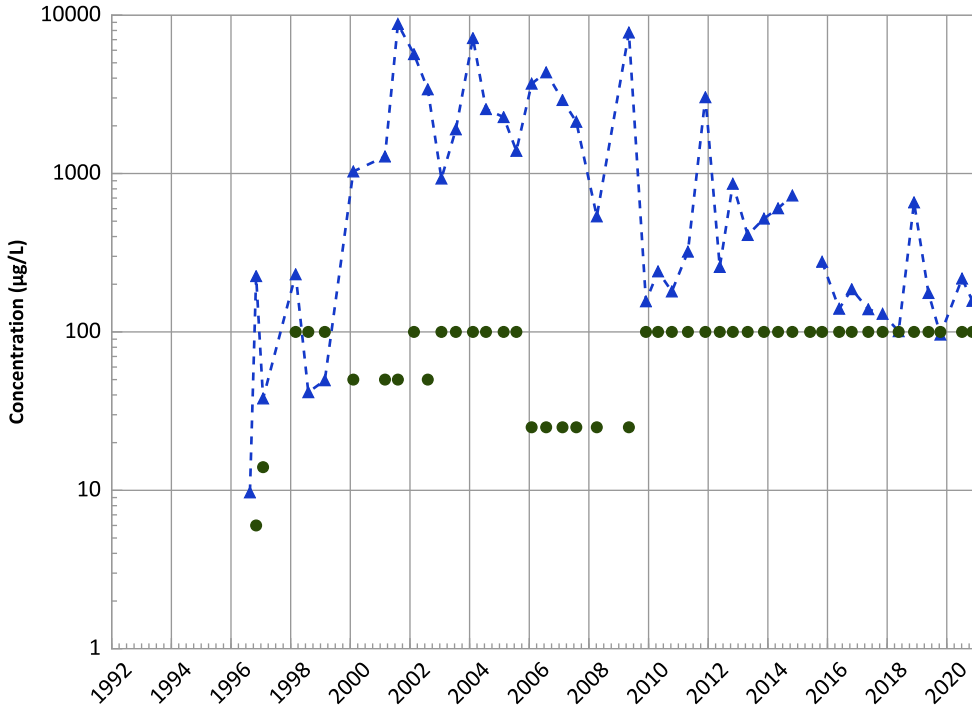
2018 - 2020 Data:

Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

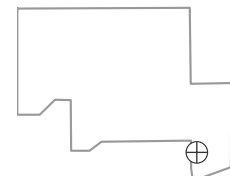
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

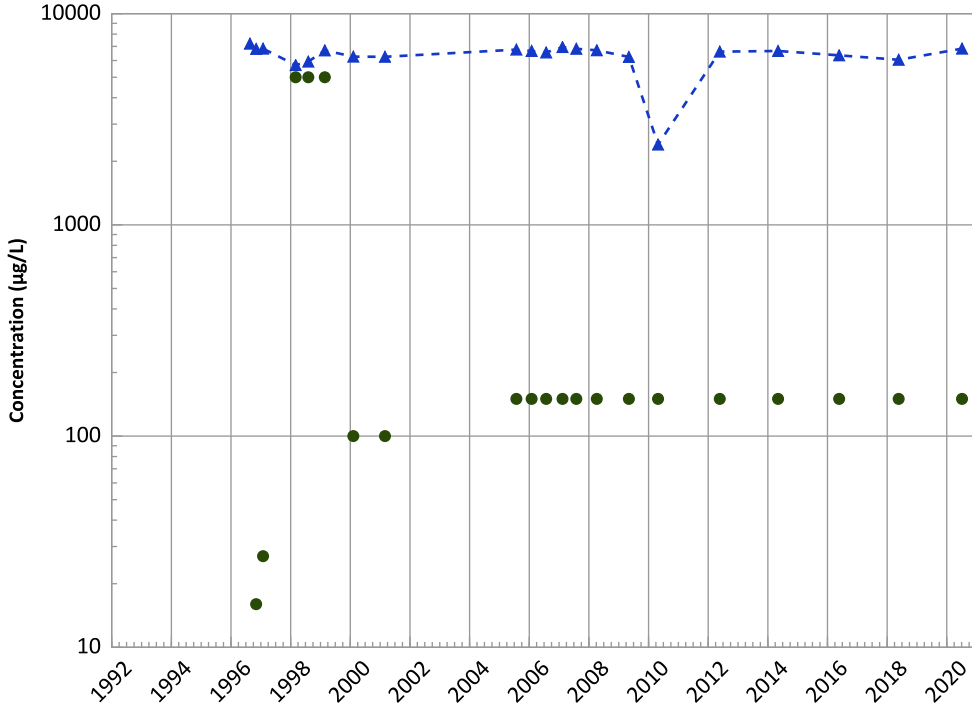


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

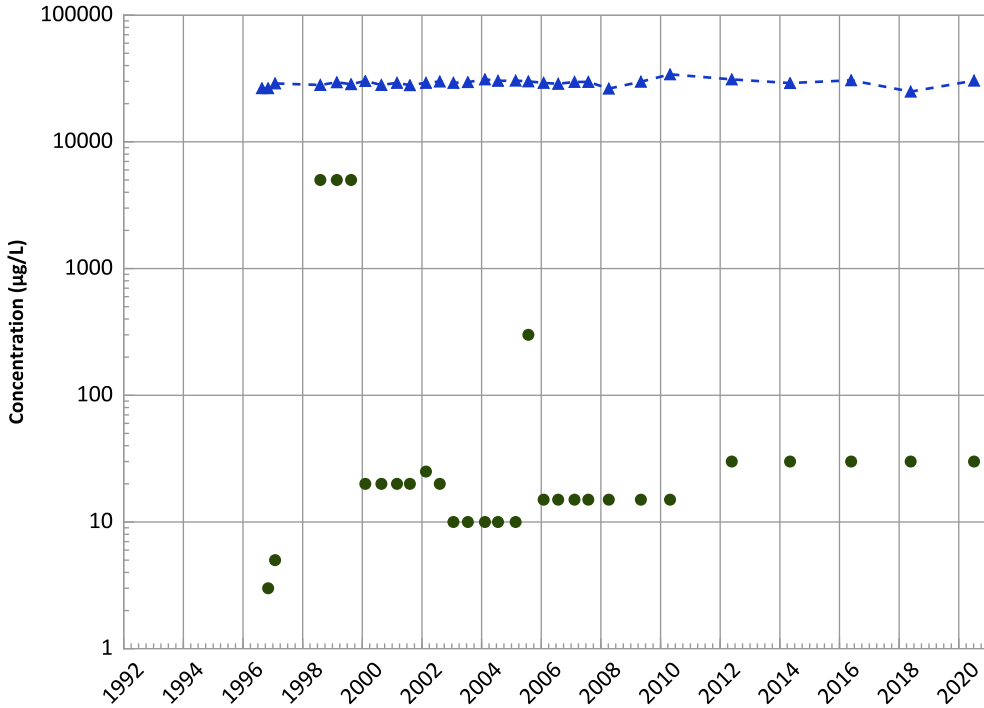
2018 - 2020 Data:

No Trend

All Data:

Stable

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

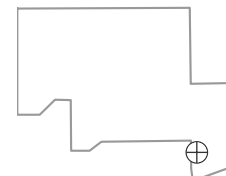
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

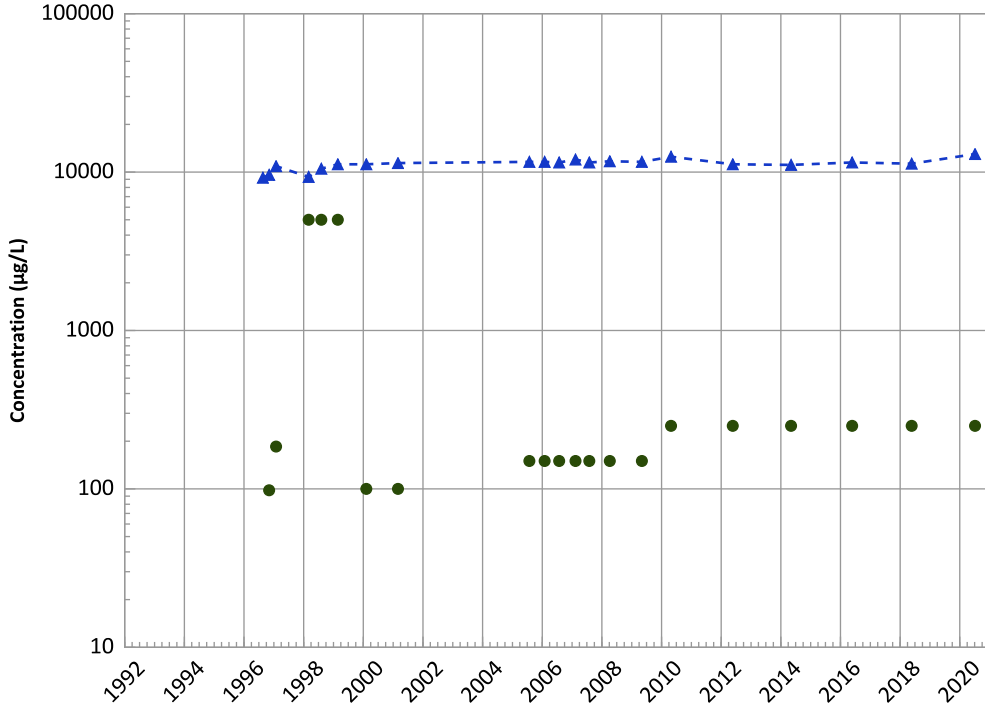
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

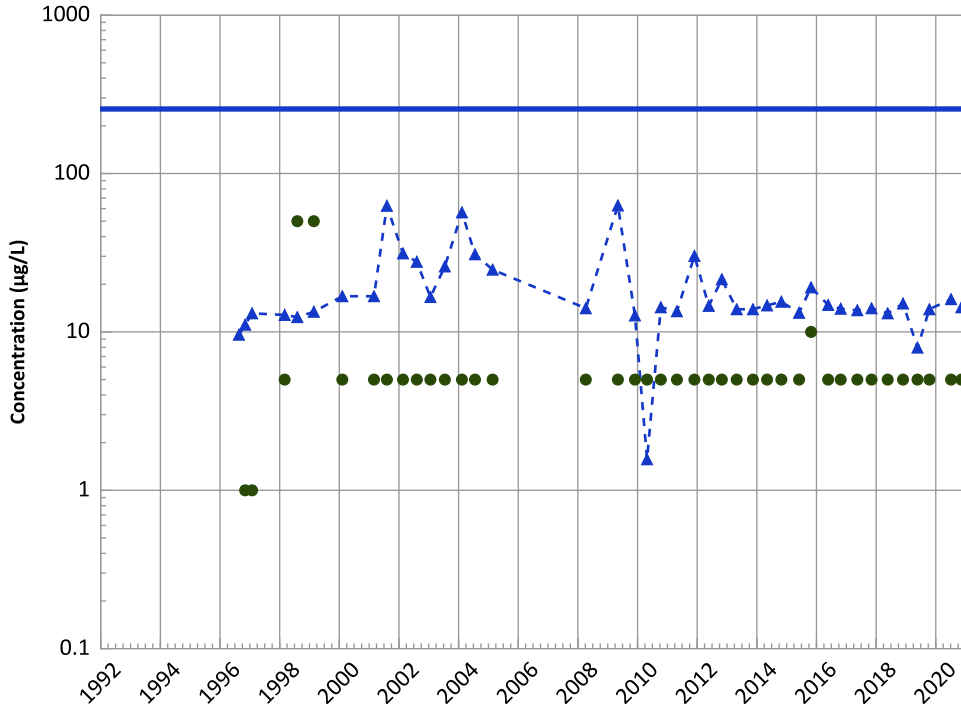
2018 - 2020 Data:

Increasing

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

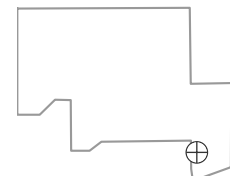
All Data:

Stable

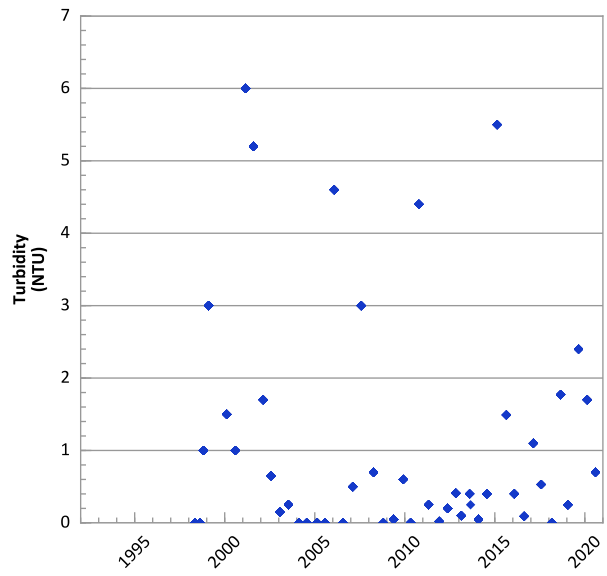
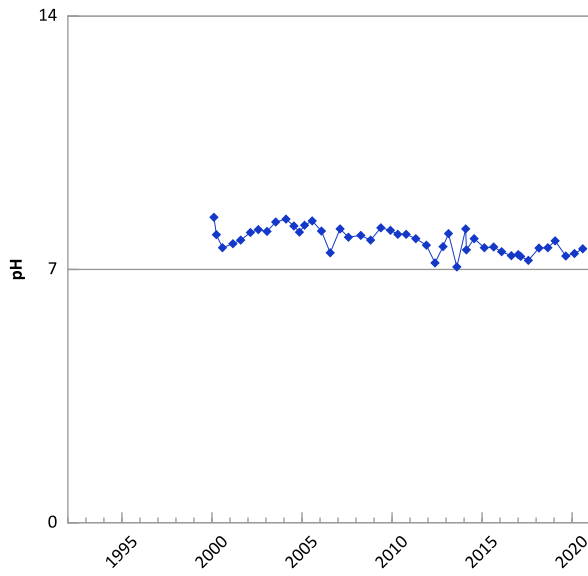
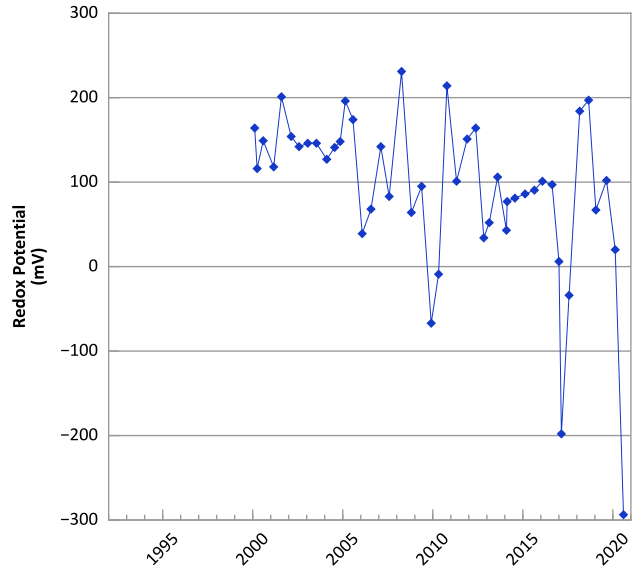
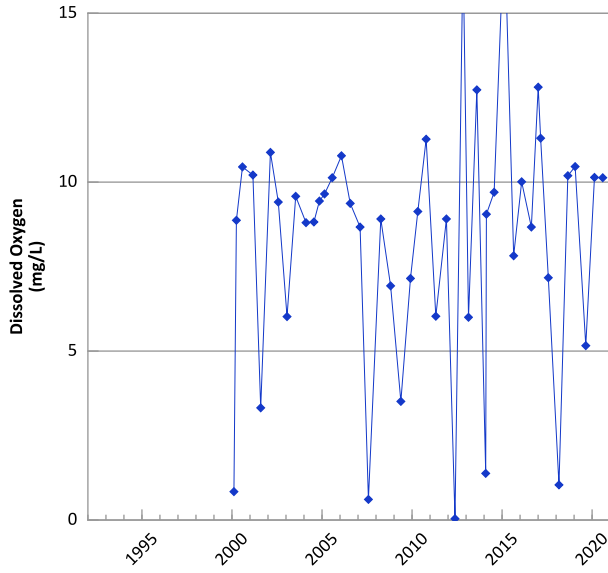
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/1996 to 11/10/2020
Analysis Date: 06/03/2021

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

Well Location

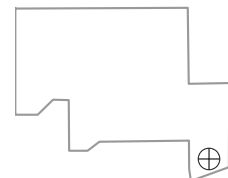


**PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



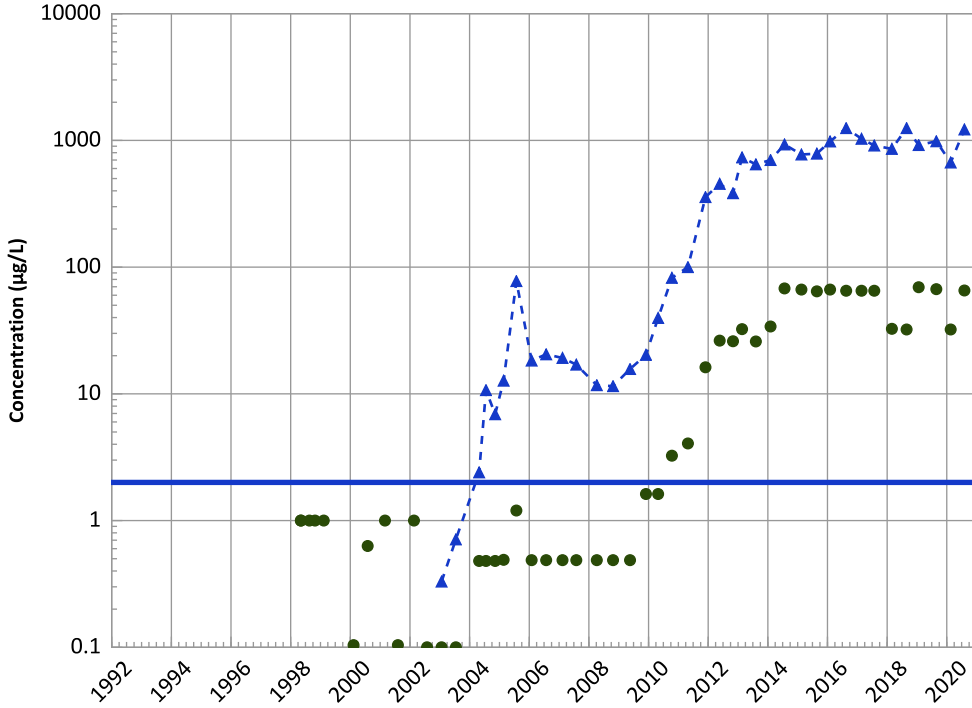
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

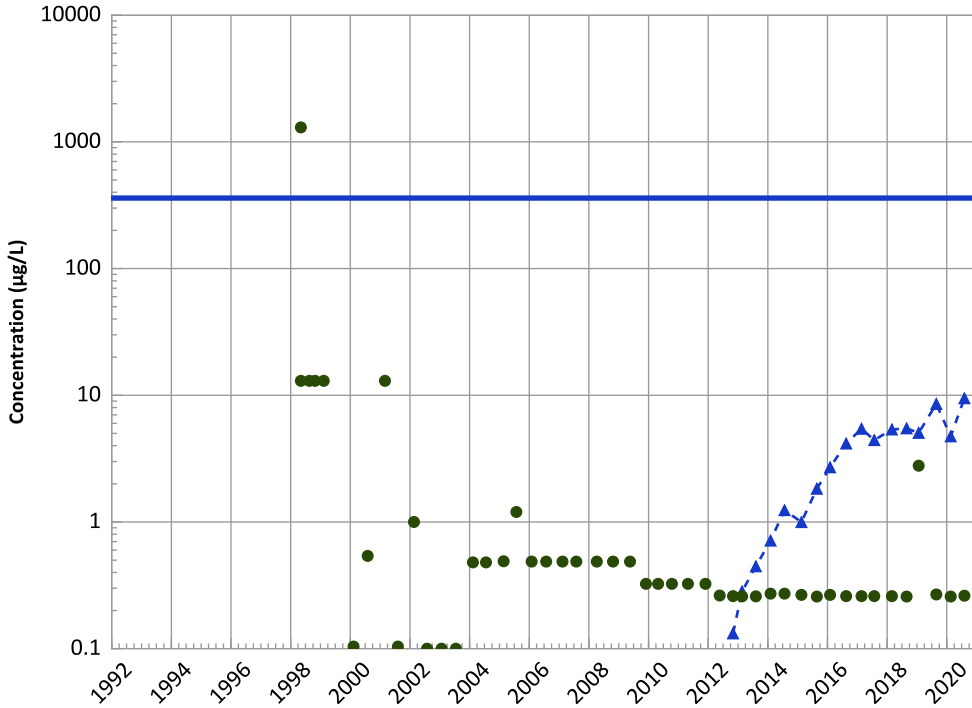
2018 - 2020 Data:

No Trend

All Data:

Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

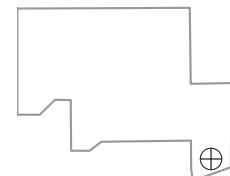
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

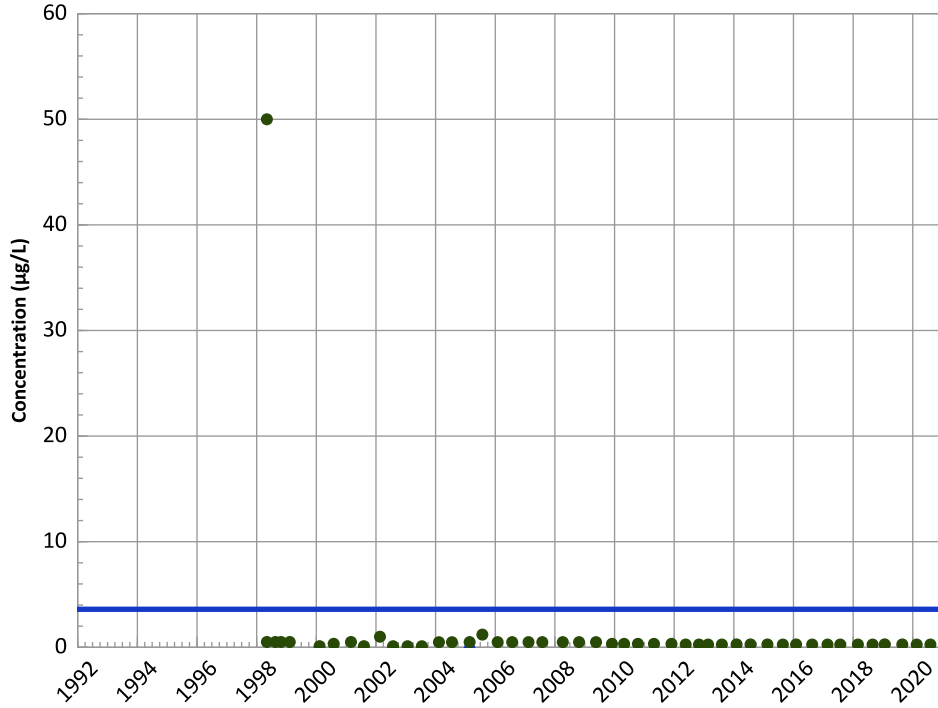
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

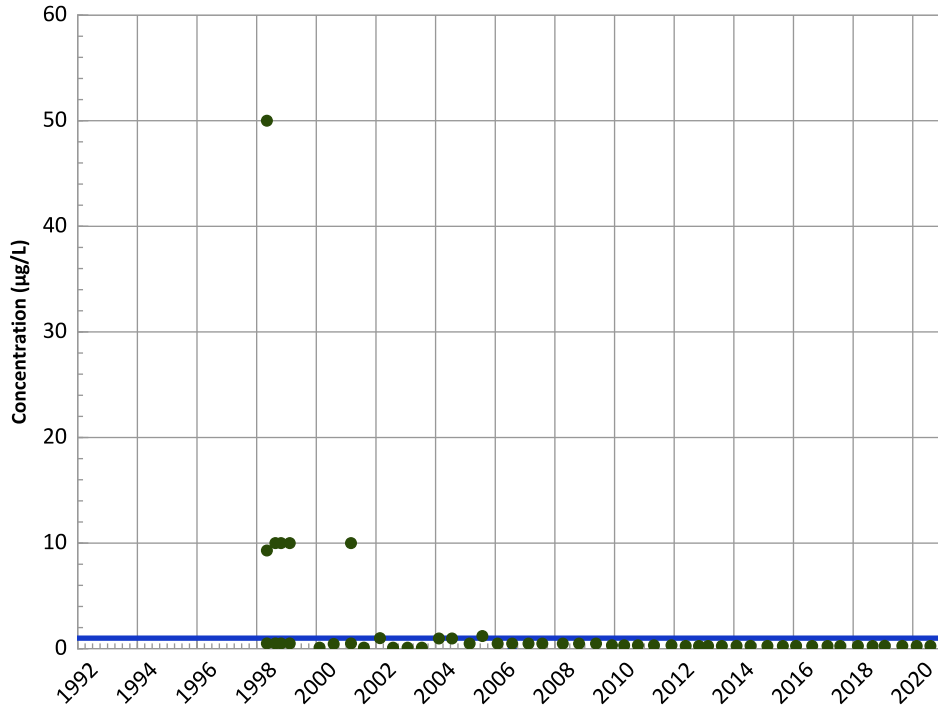
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

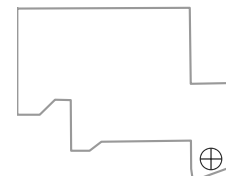
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

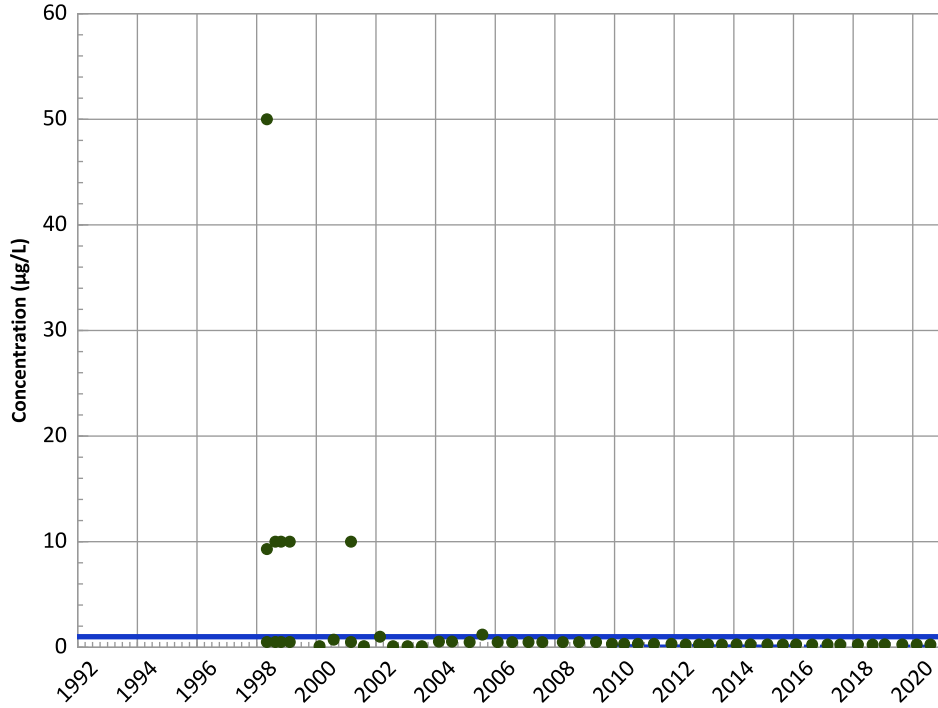
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

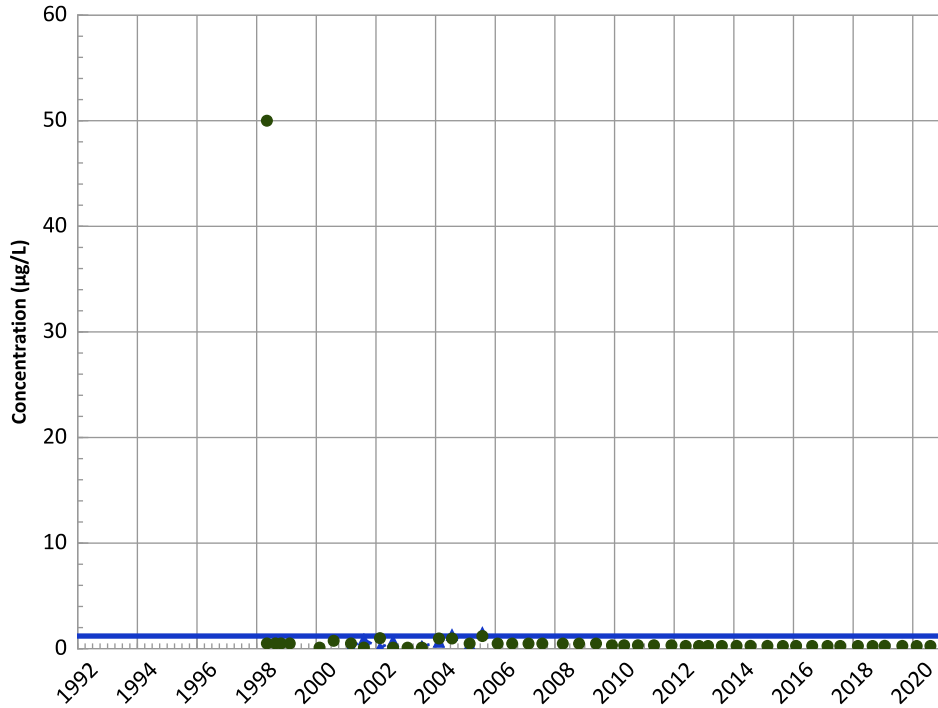


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

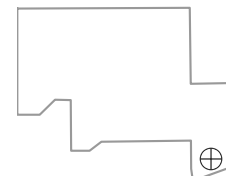
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

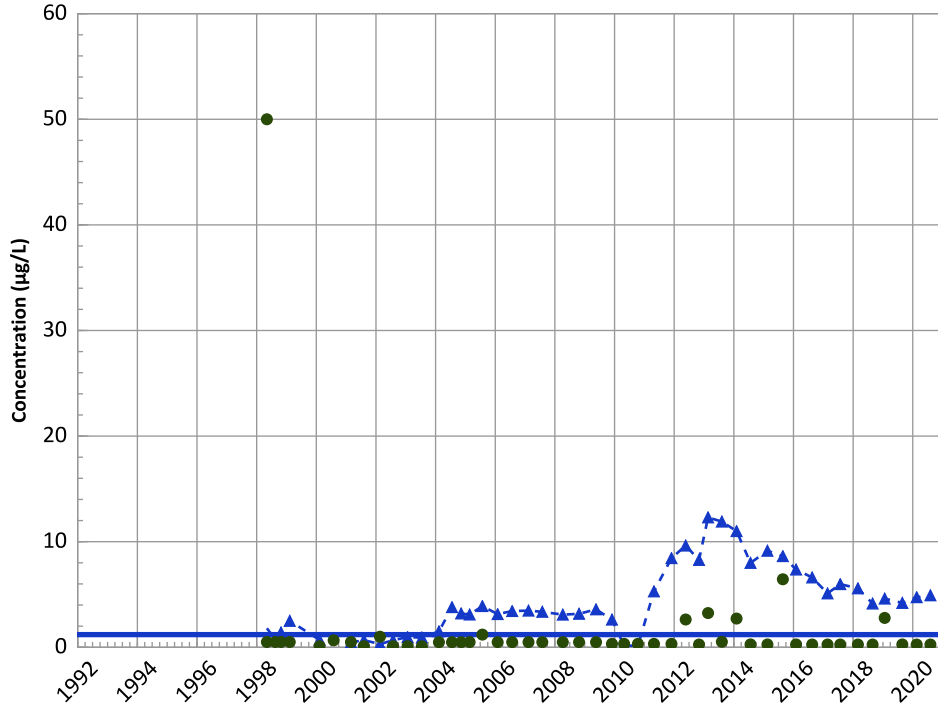
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

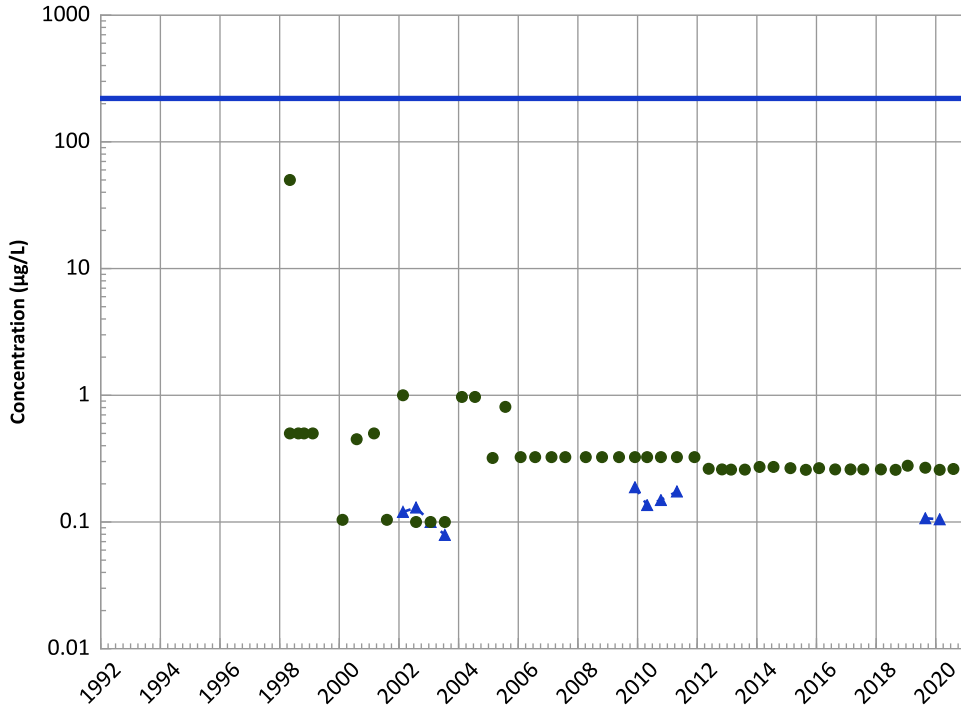
2018 - 2020 Data:

No Trend

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

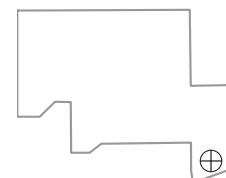
2018 - 2020 Data:

Probably Increasing

All Data:

Stable

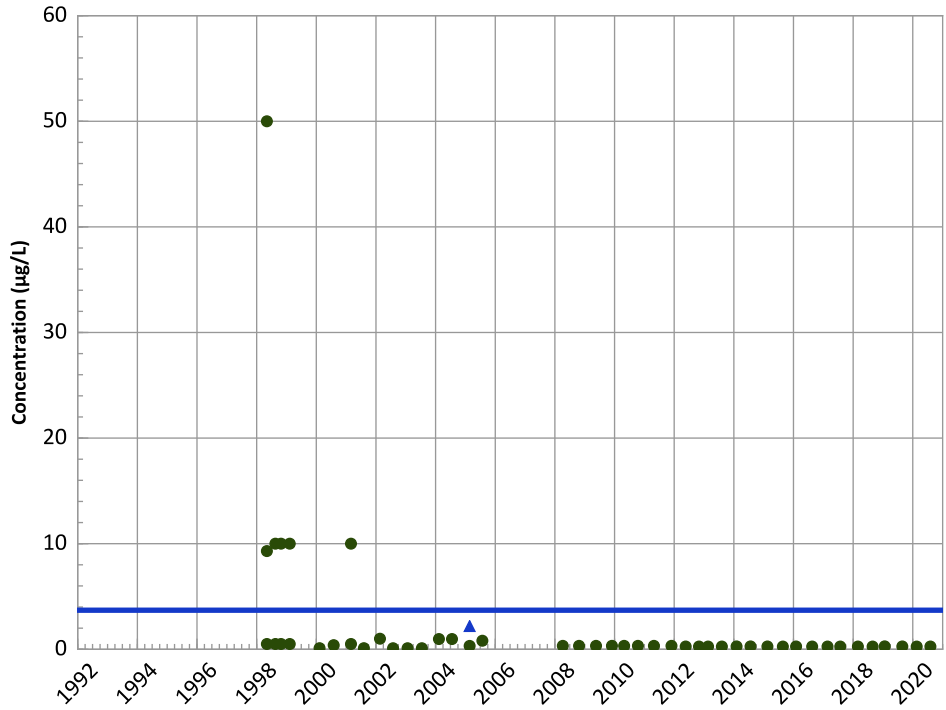
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

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

**PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**

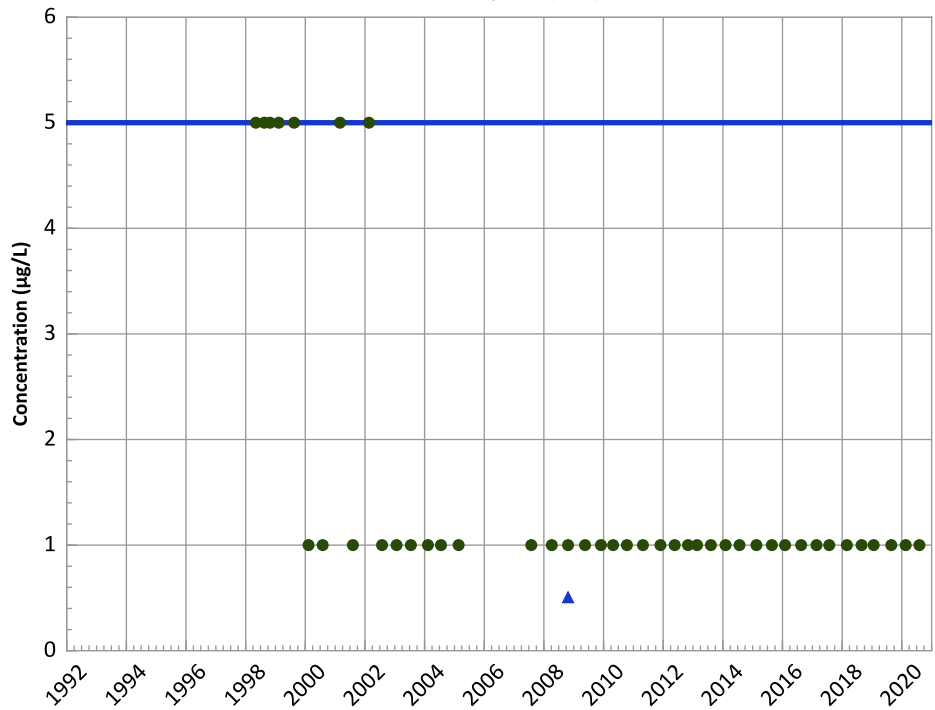


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend

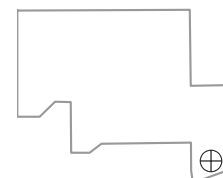


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

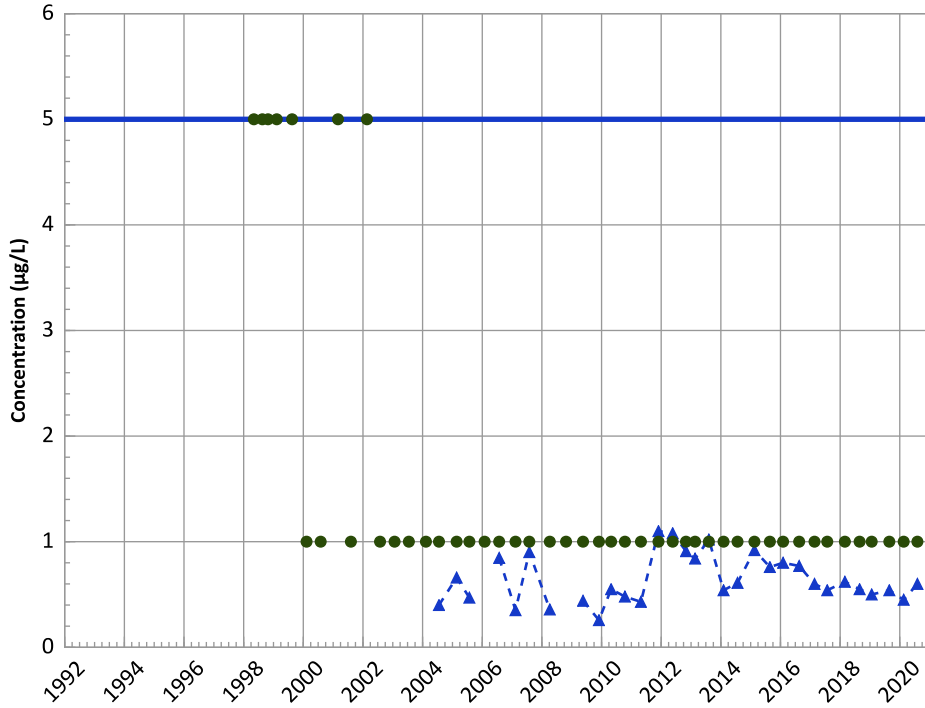


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

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

PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

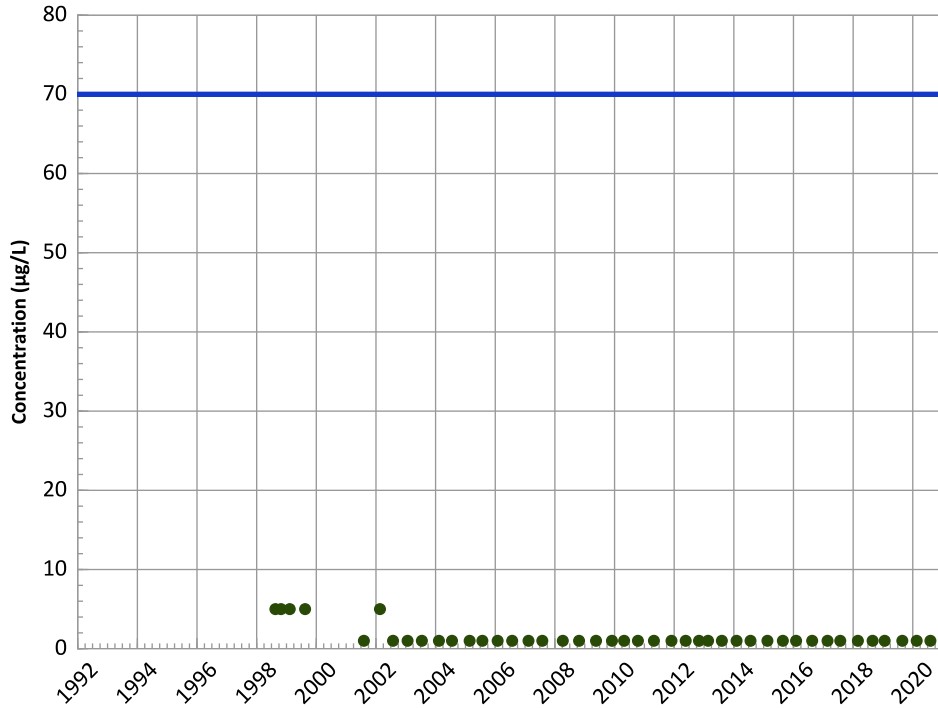
2018 - 2020 Data:

No Trend

All Data:

No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

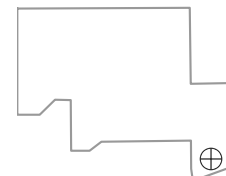
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 02/26/1998 to 08/04/2020

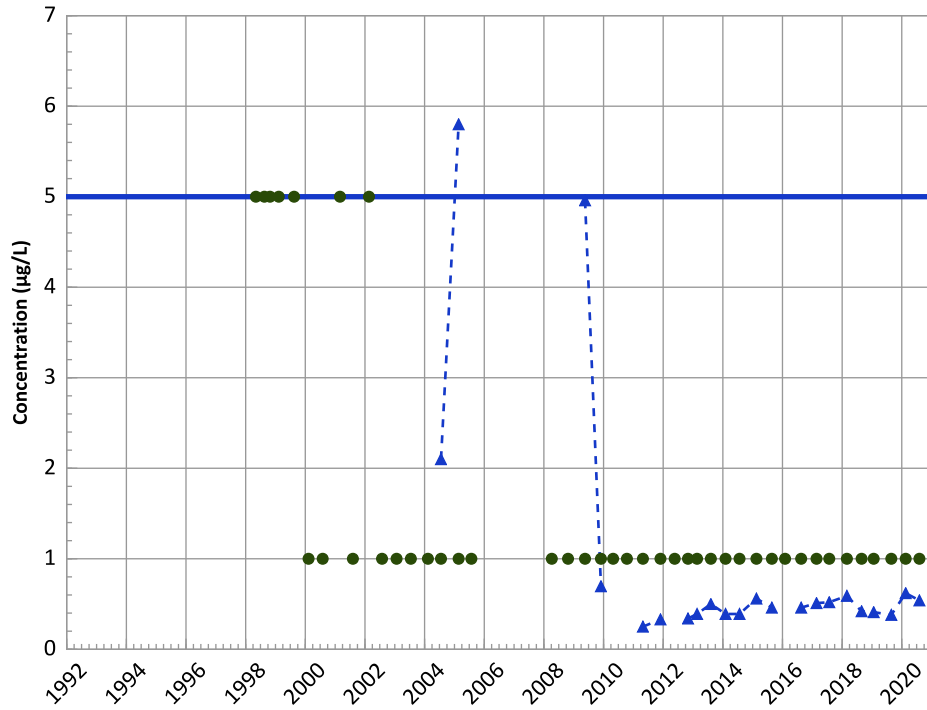
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

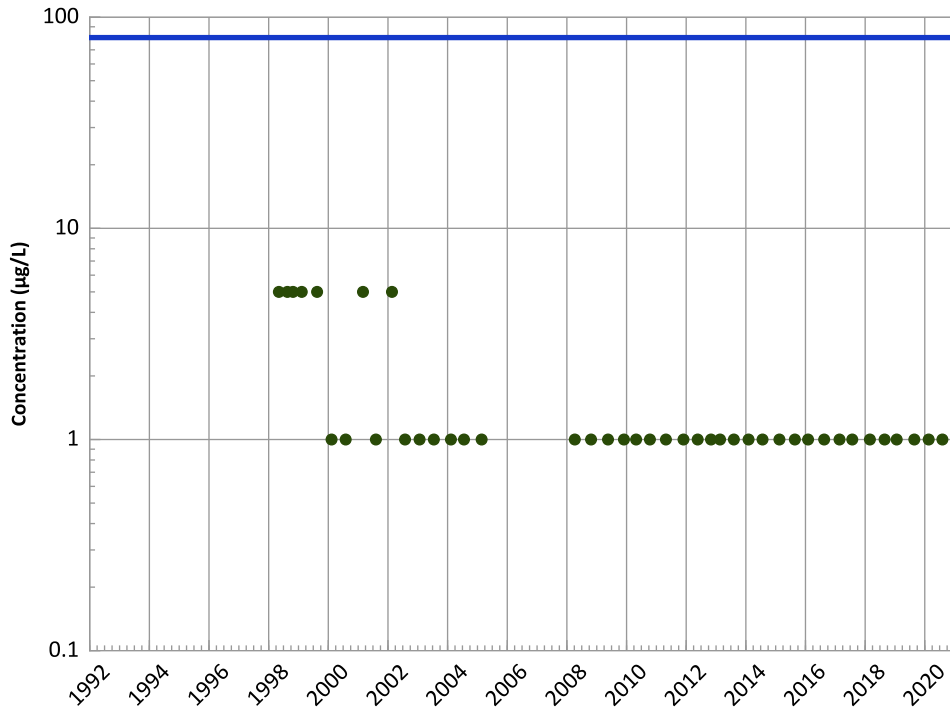
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

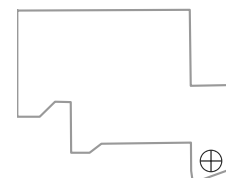
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

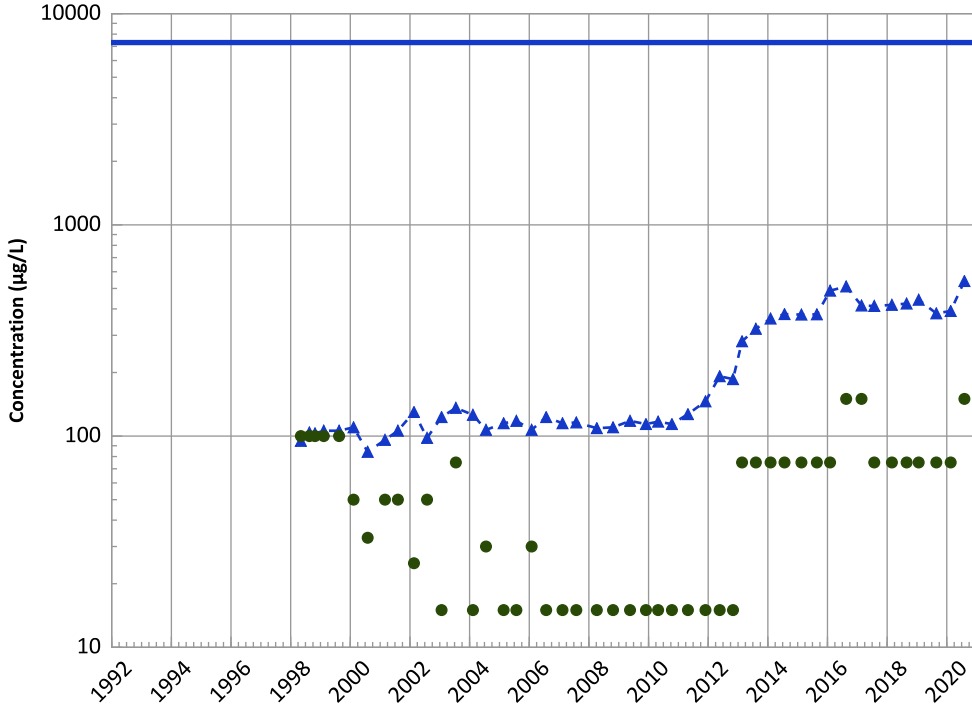
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

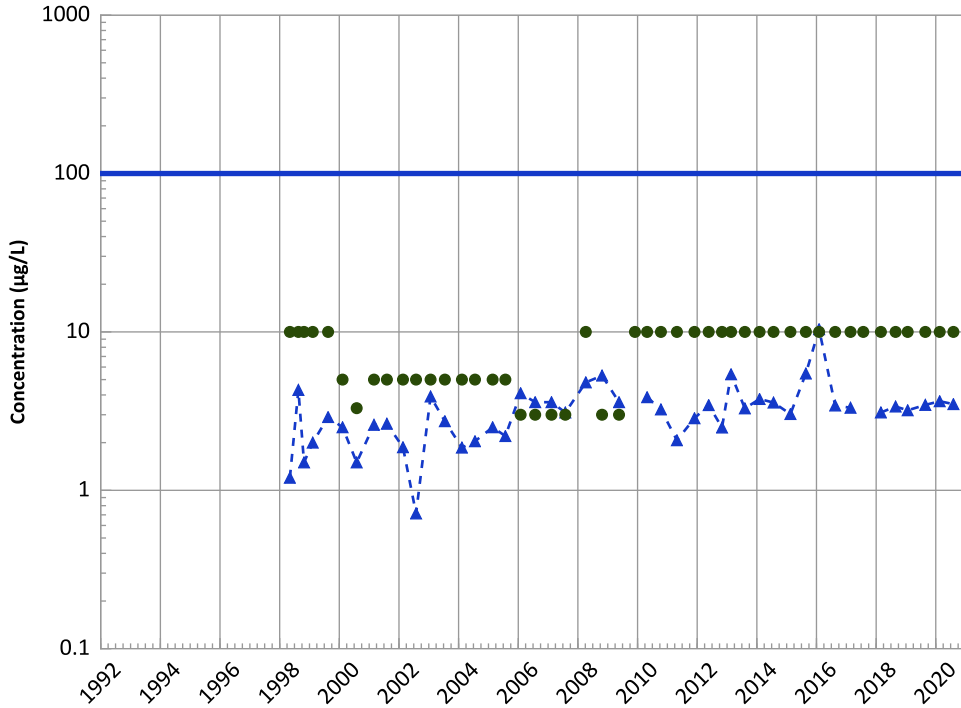
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

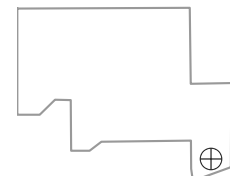
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

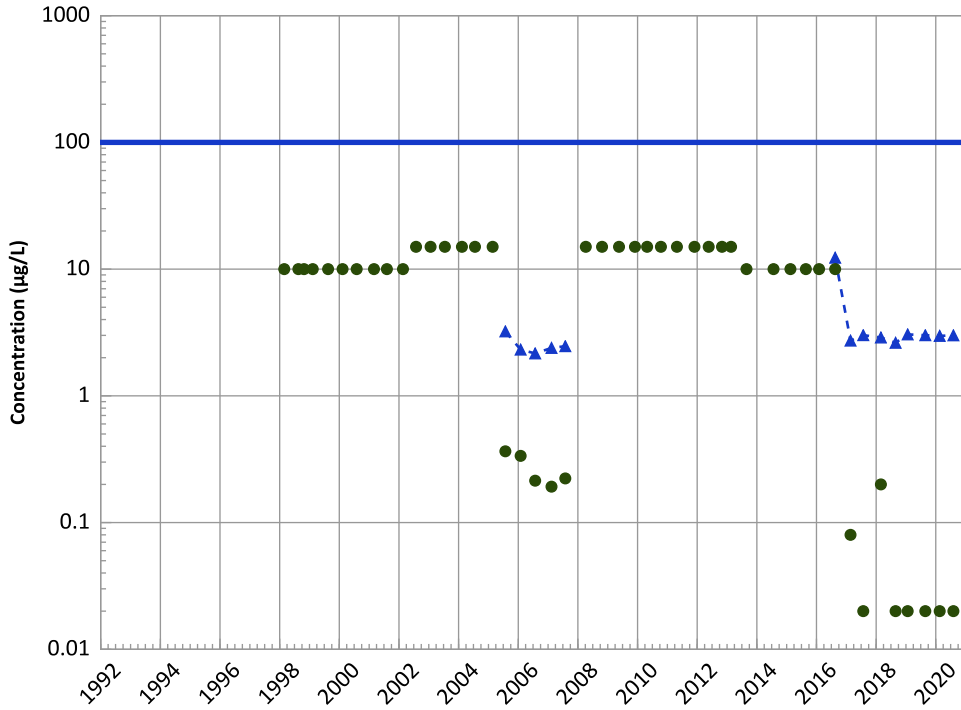
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

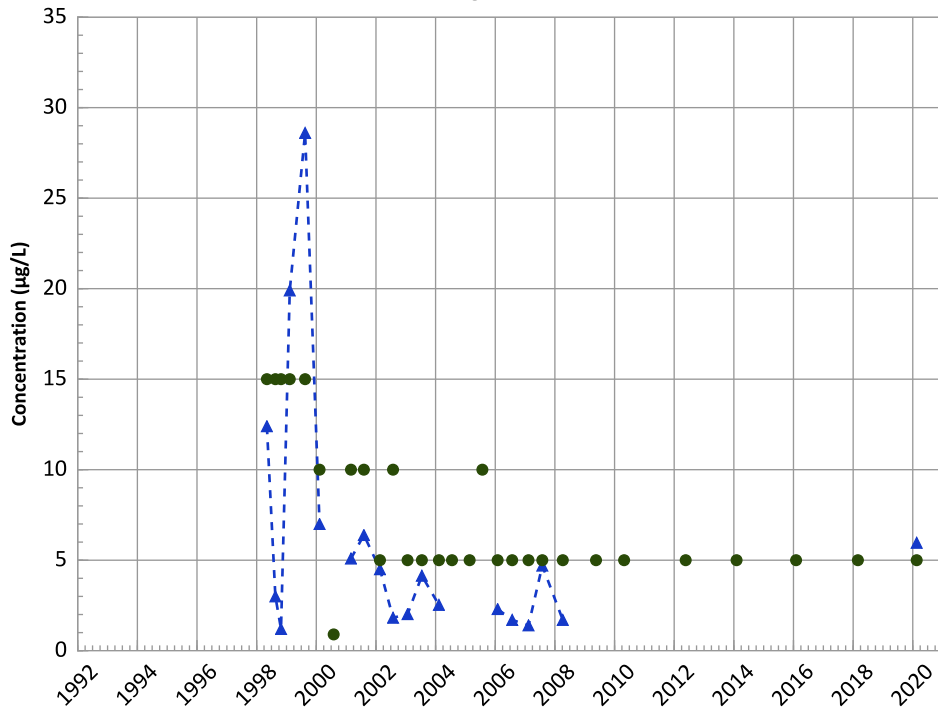
2018 - 2020 Data:

Stable

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

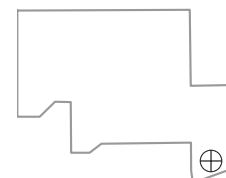
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

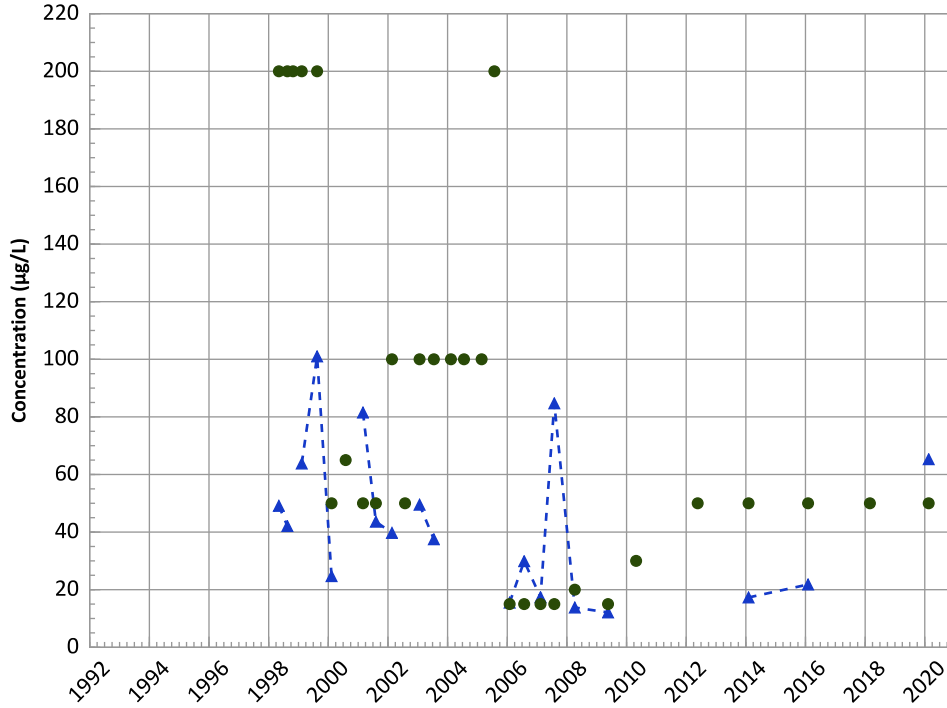
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

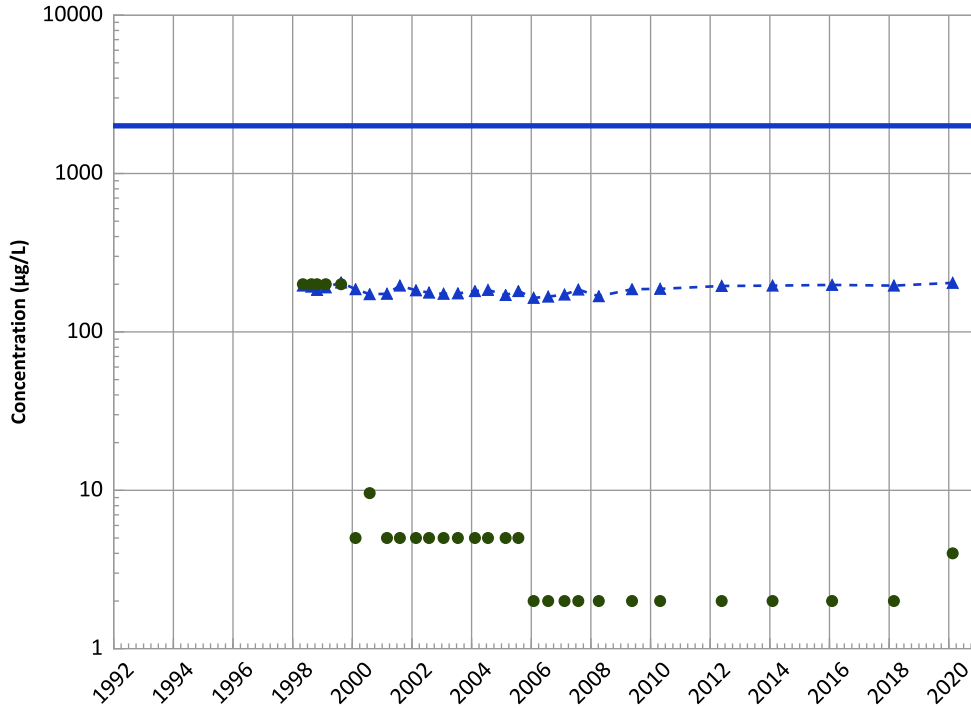


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Probably Decreasing

Barium Trend



Concentration Trend

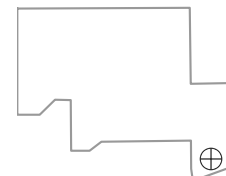
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

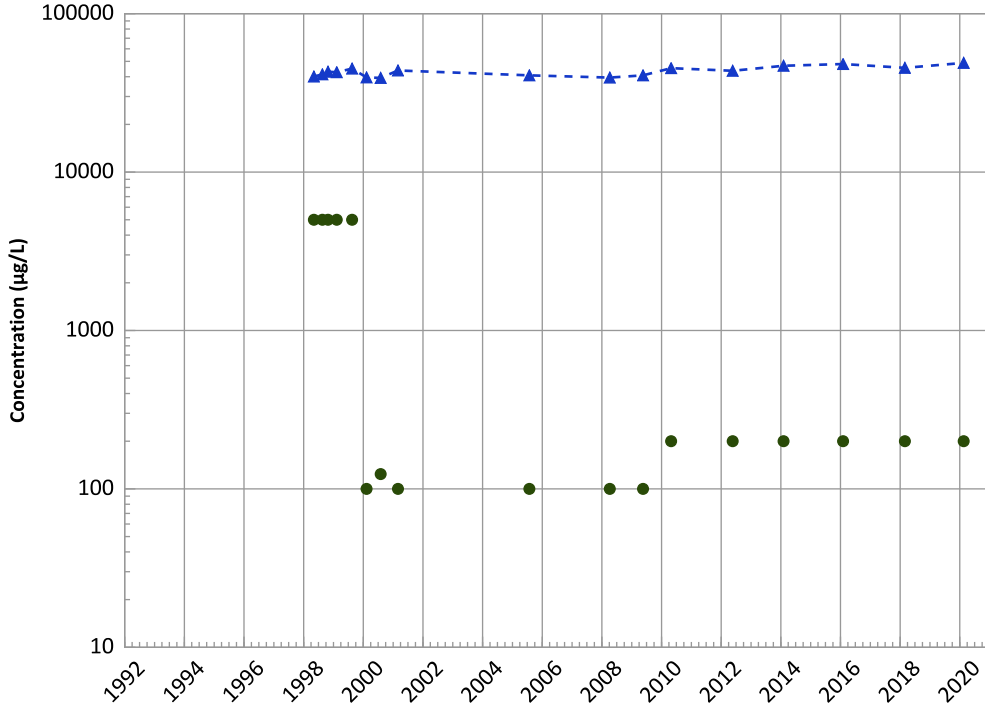
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

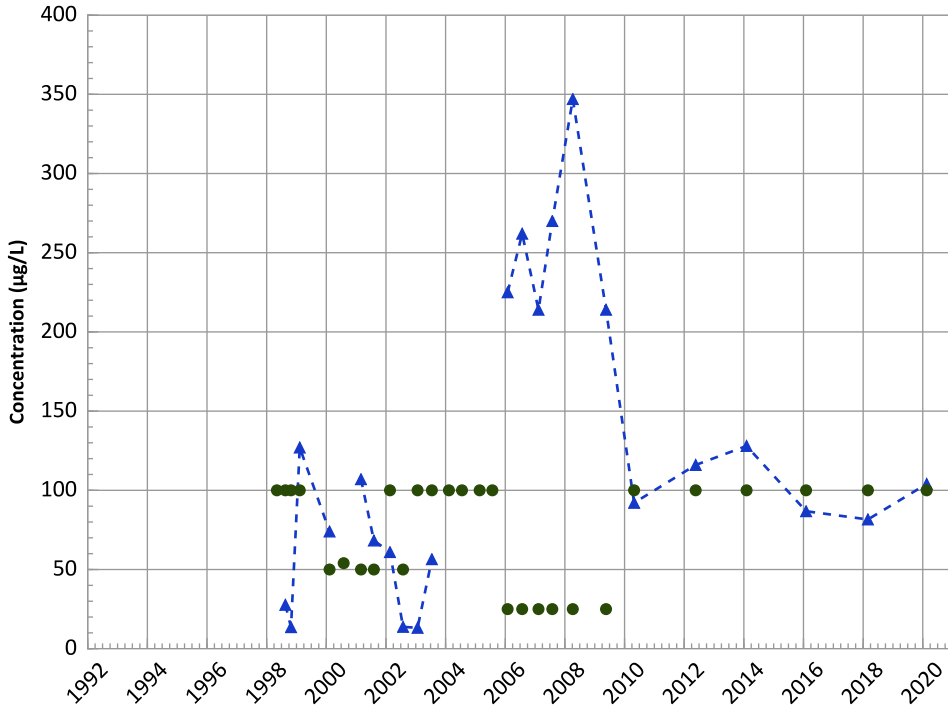
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

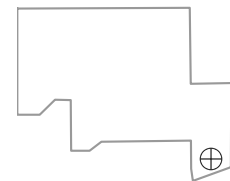
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

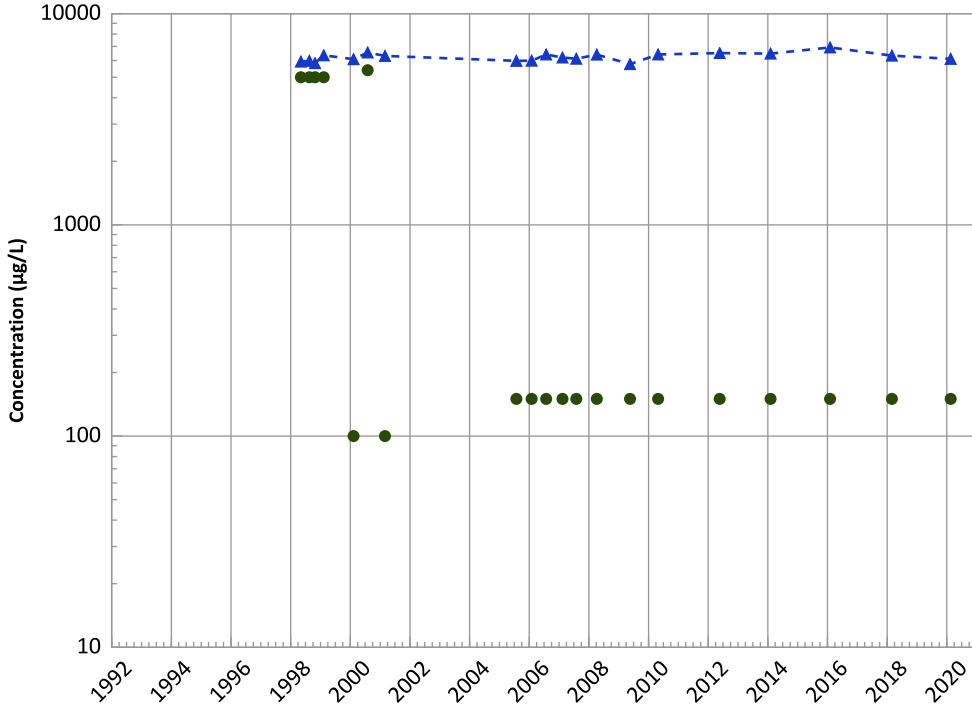


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

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

PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

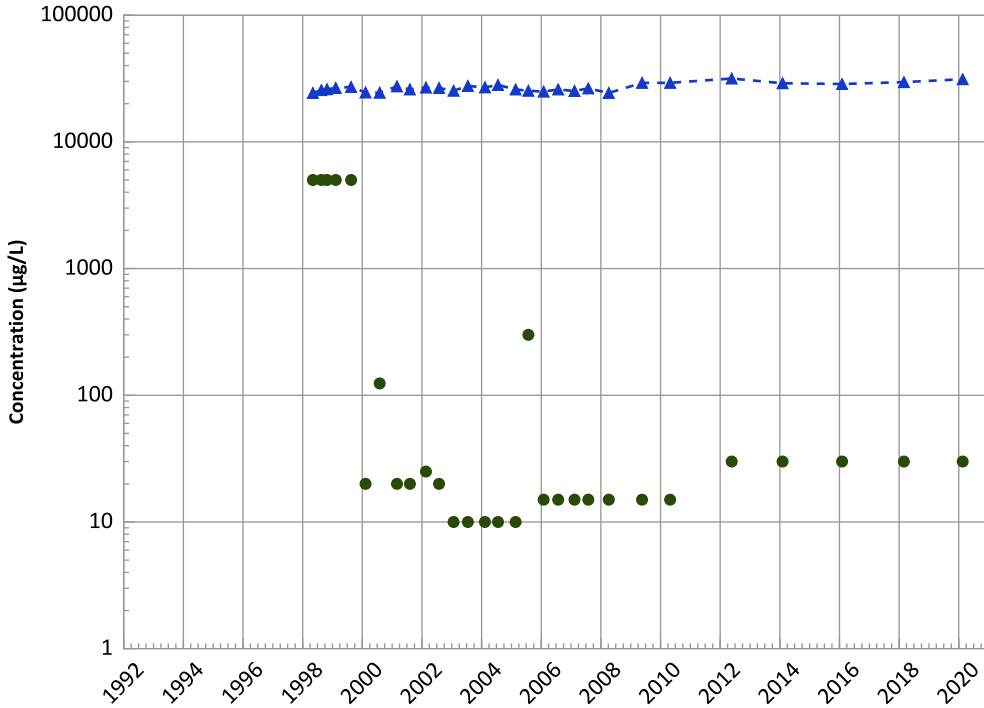
2018 - 2020 Data:

Stable

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

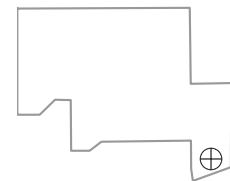
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

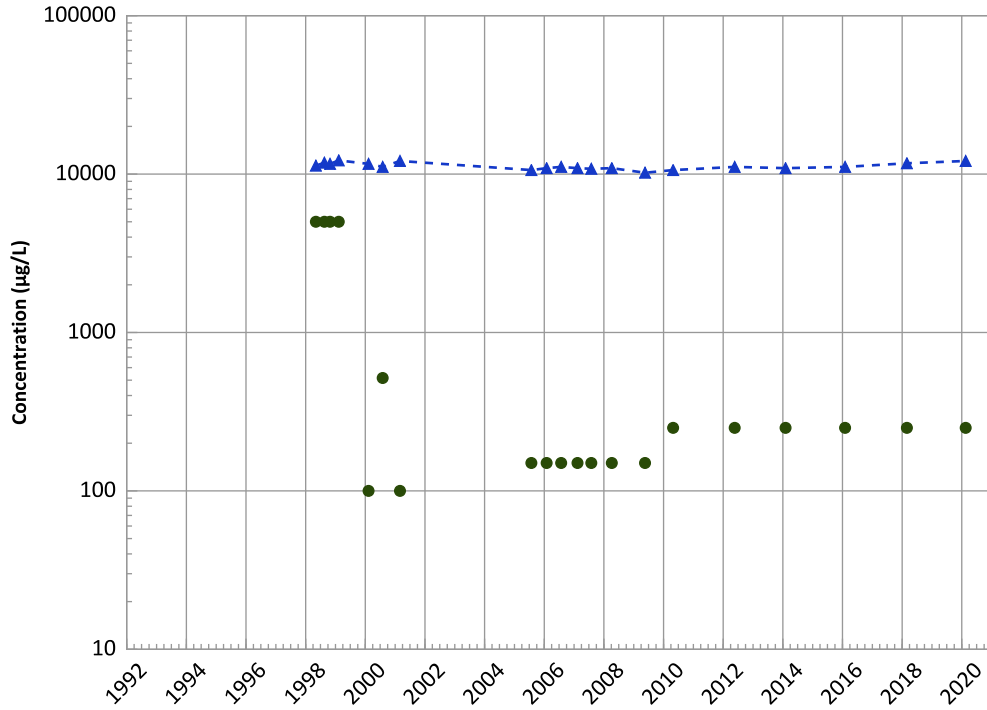
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/26/1998 to 08/04/2020
Analysis Date: 06/03/2021

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

PTX06-1034 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

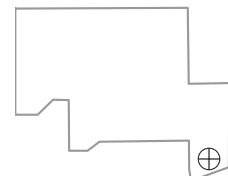
All Data:

Decreasing

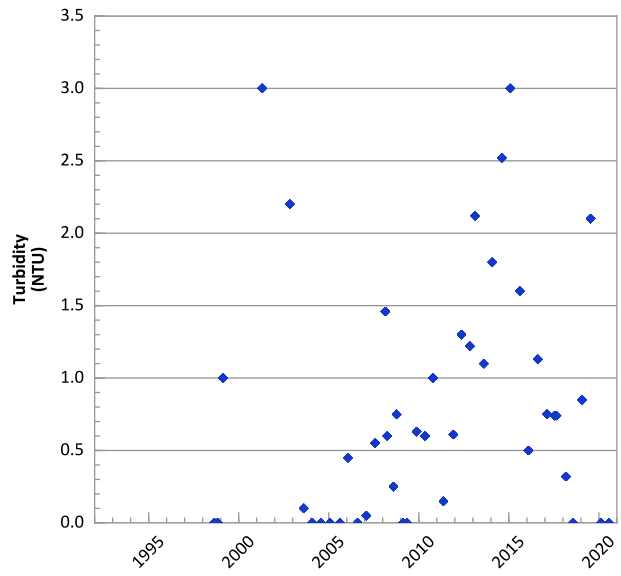
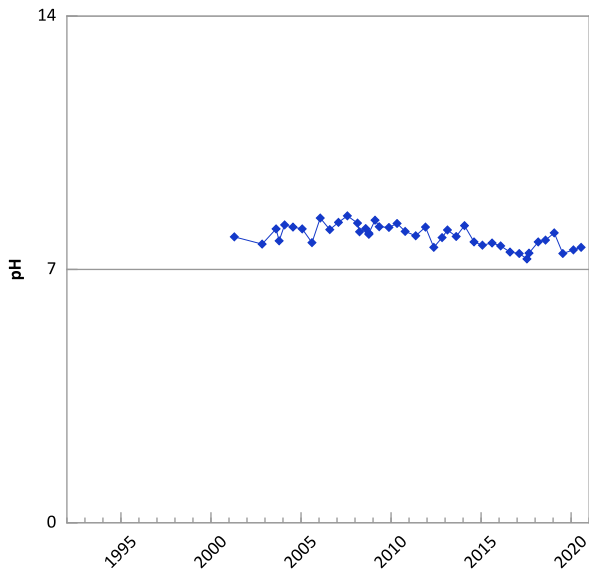
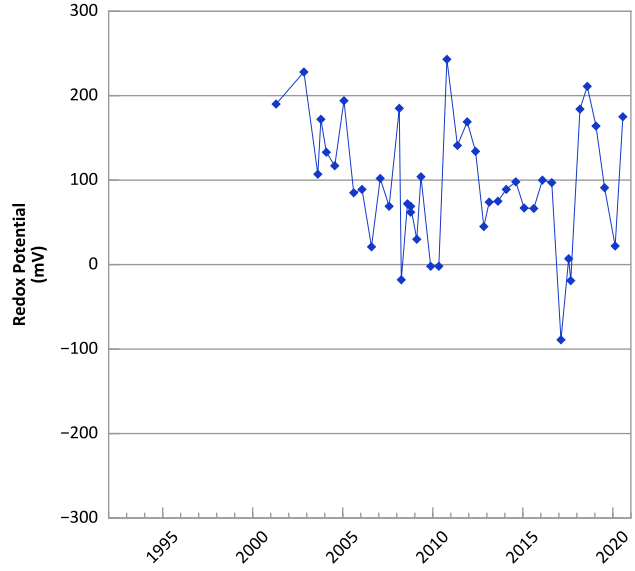
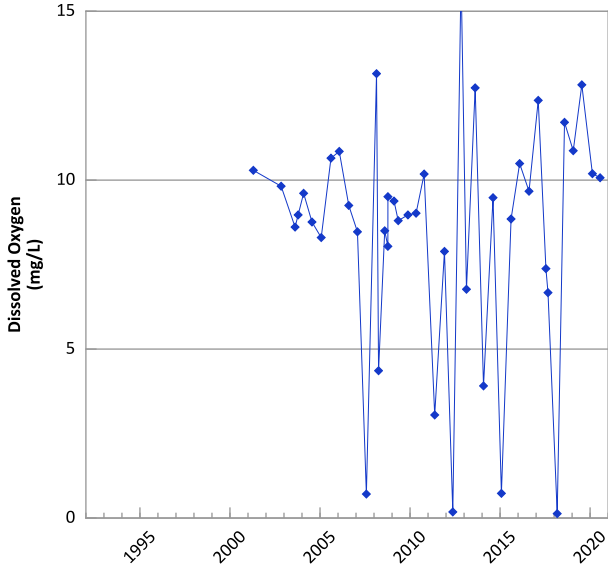
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/26/1998 to 08/04/2020
 Analysis Date: 06/03/2021

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

Well Location

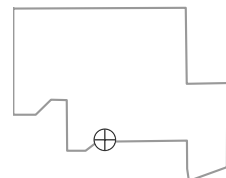


**PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



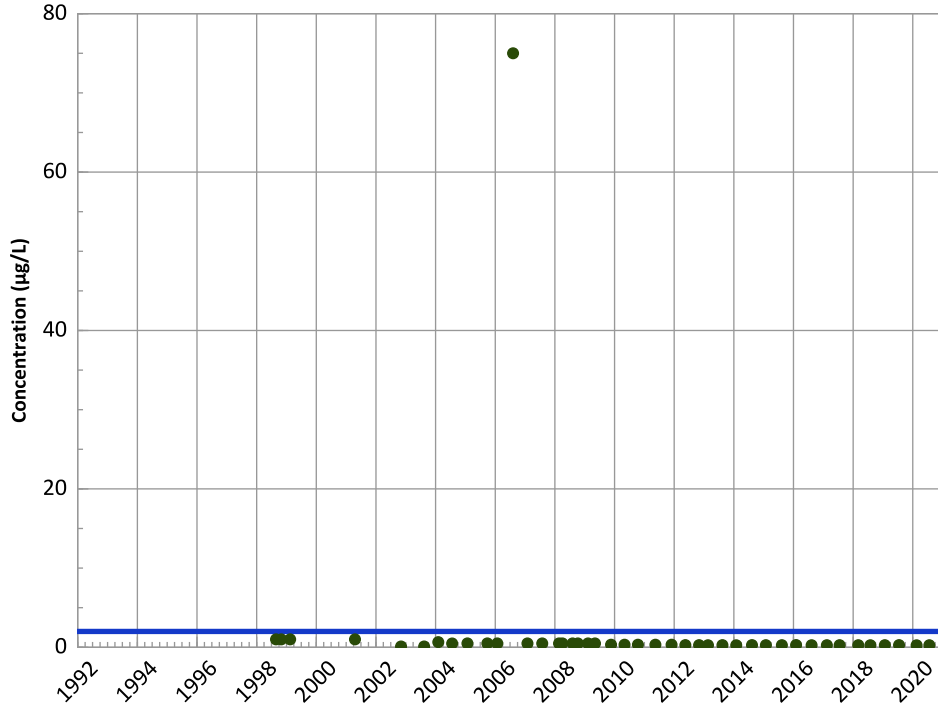
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/26/1998 to 07/22/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

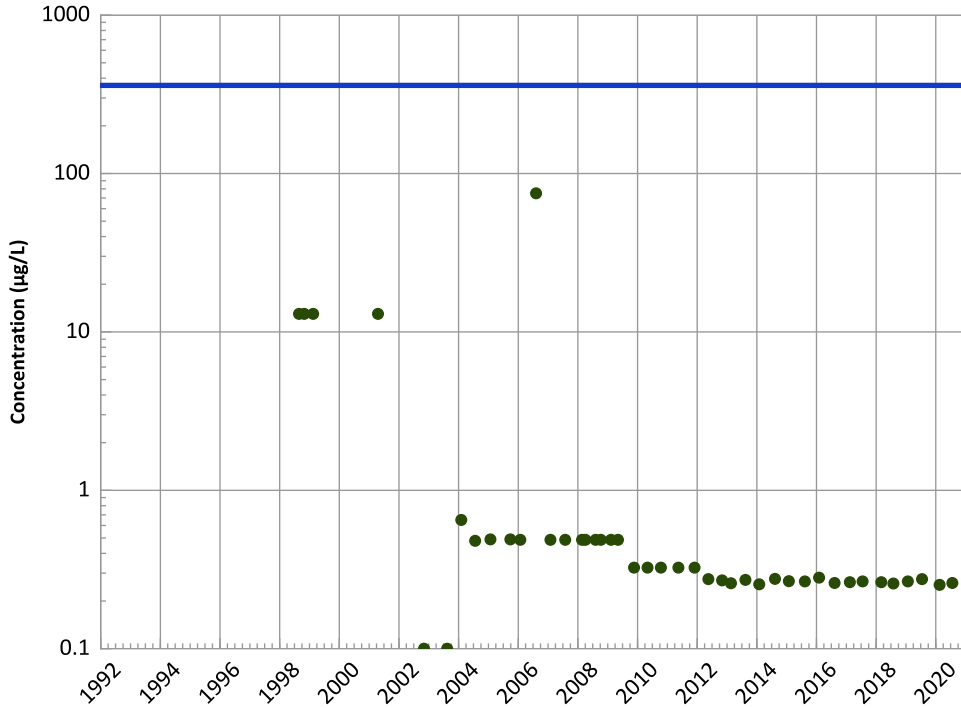
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

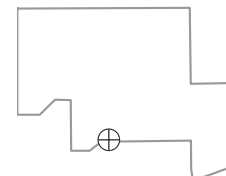
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

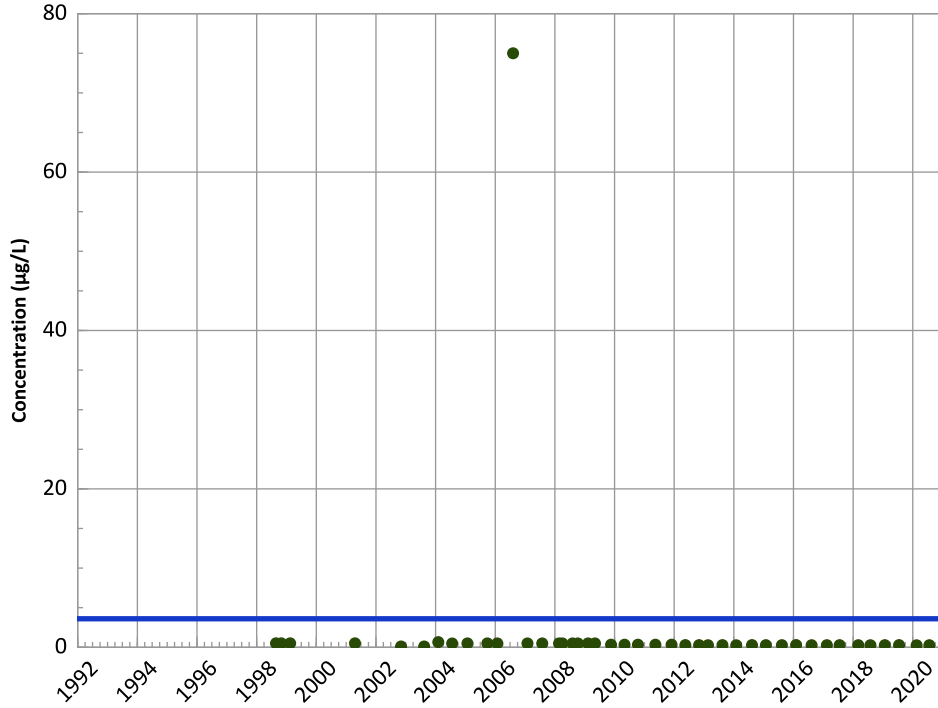
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

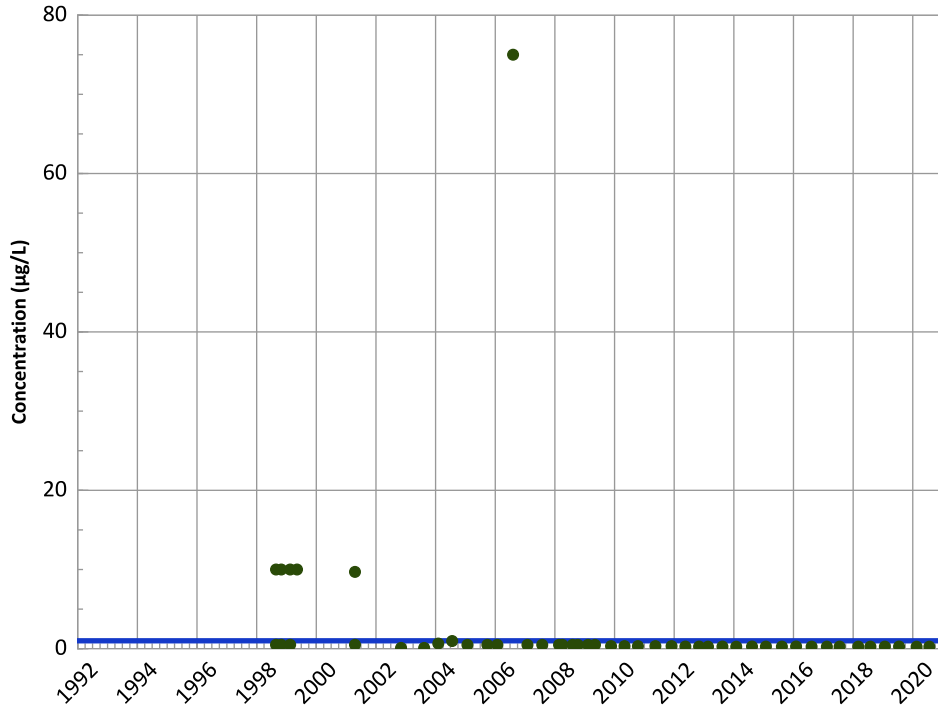
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

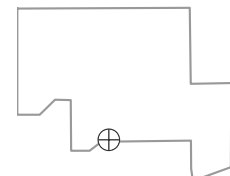
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

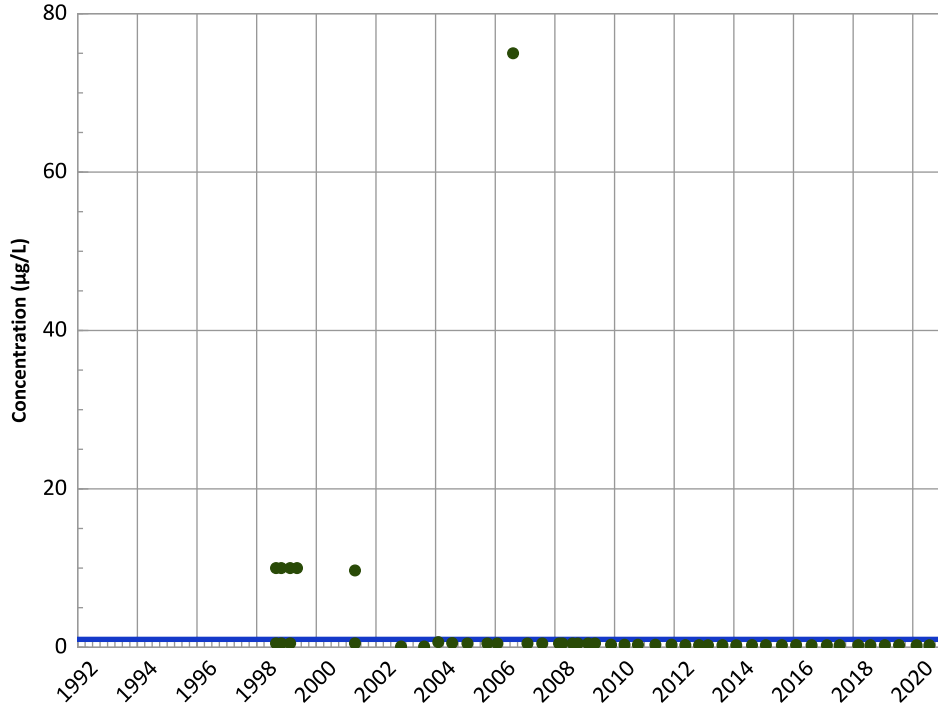
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

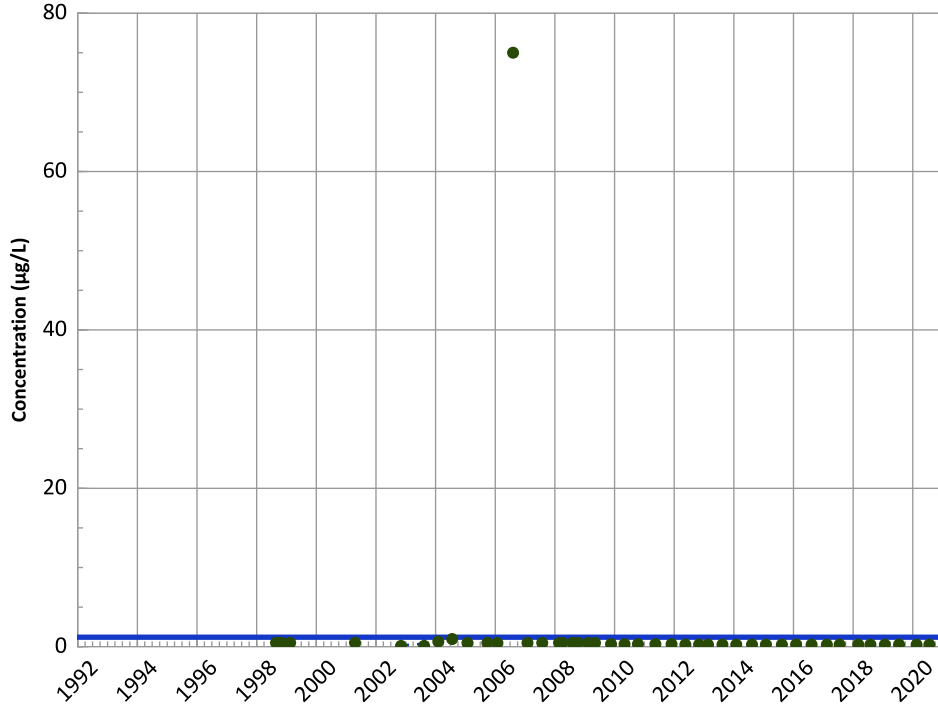
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

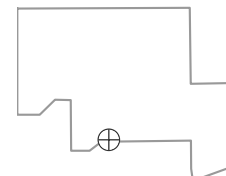
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

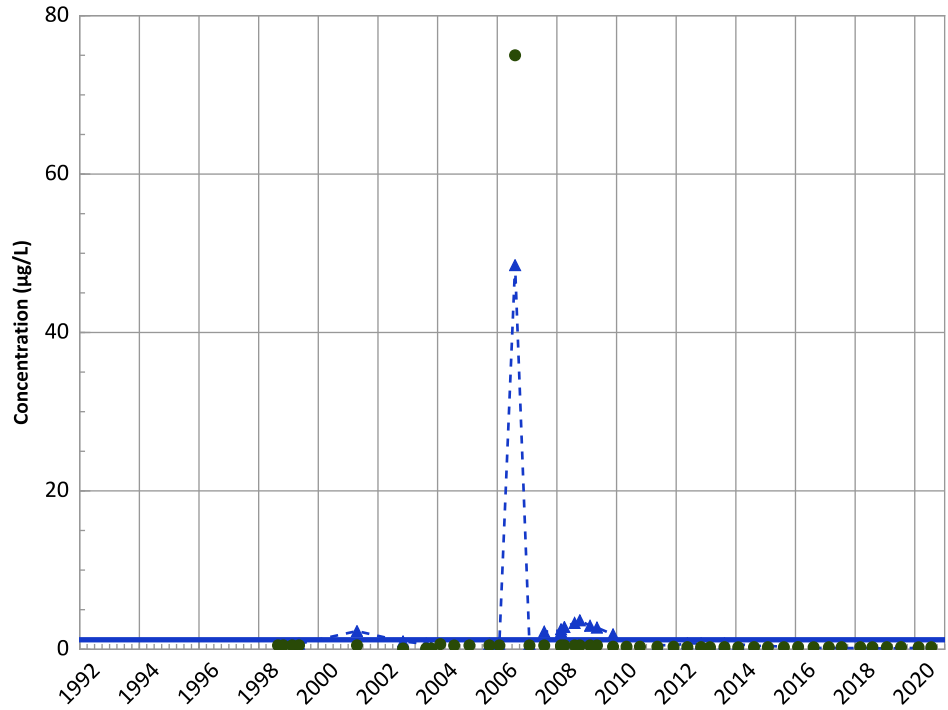
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

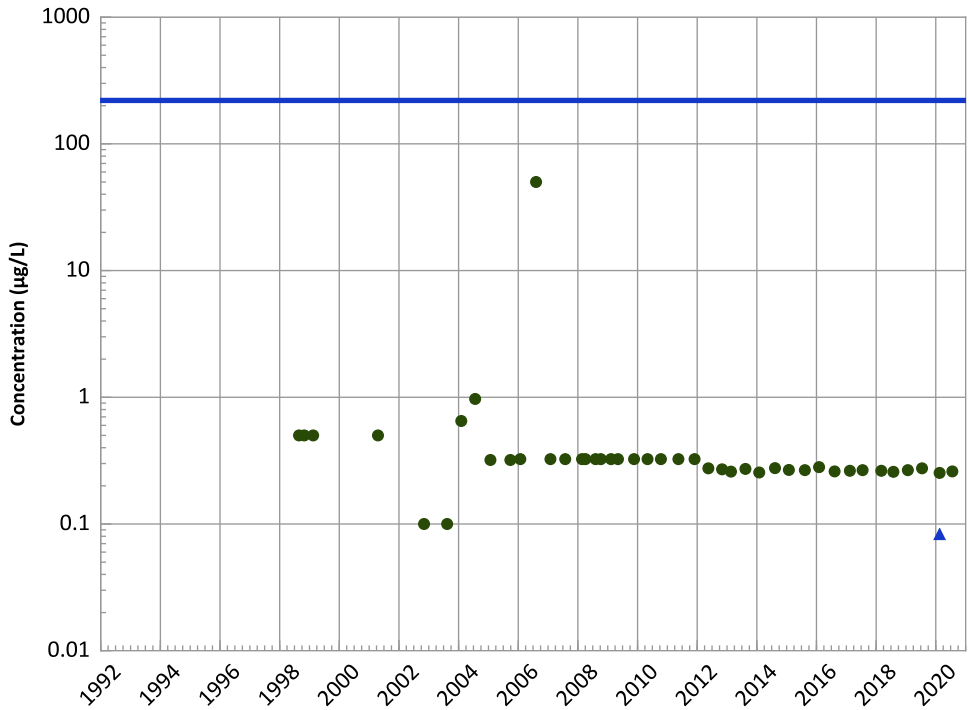
2018 - 2020 Data:

Increasing

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

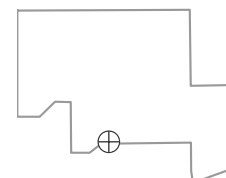
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

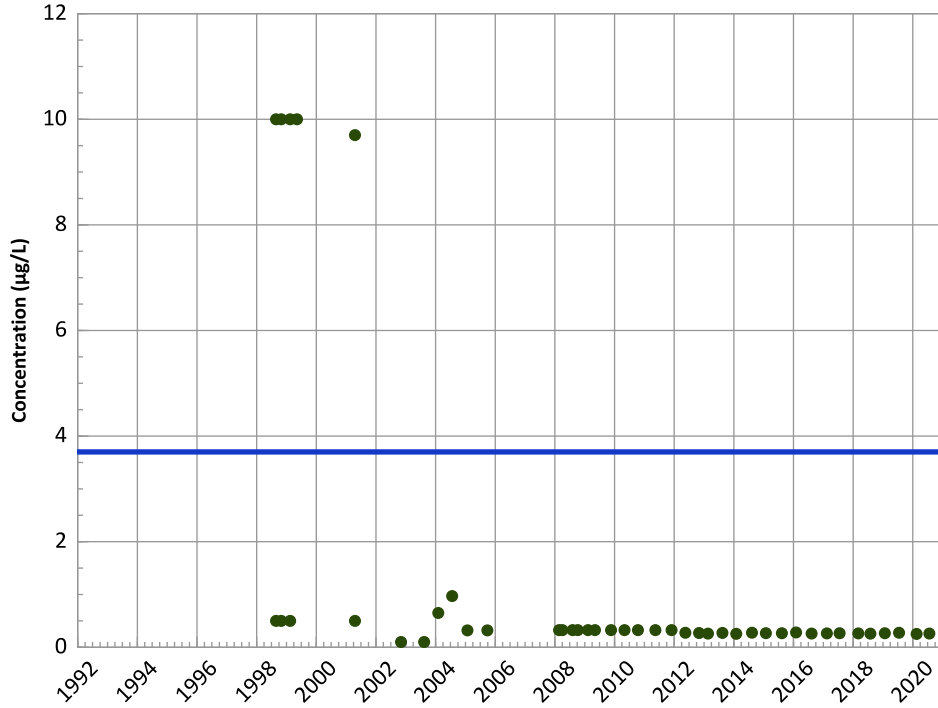


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

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

PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

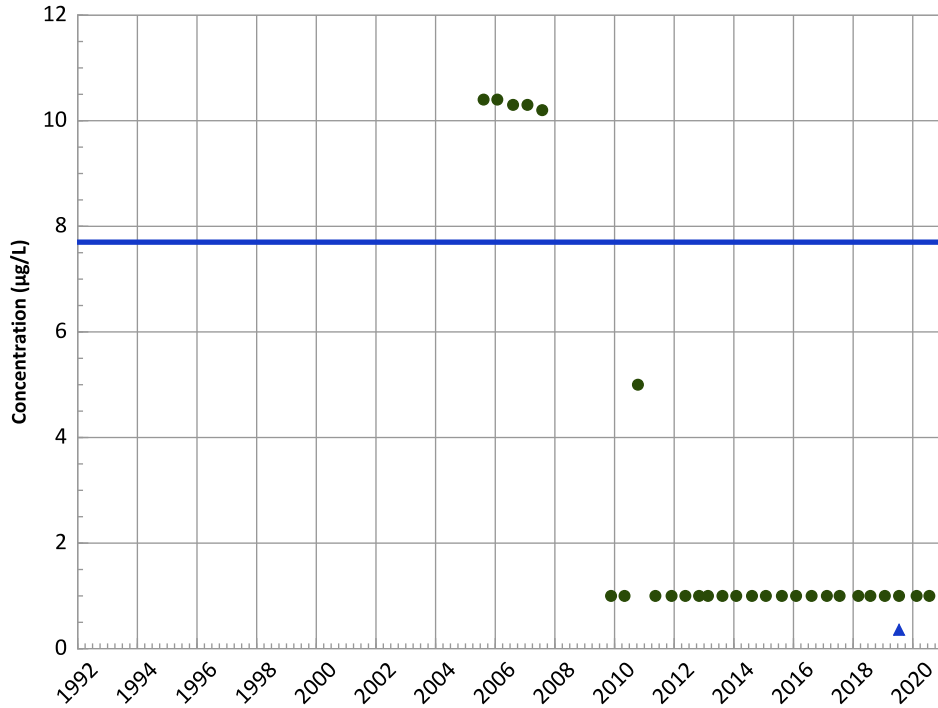
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

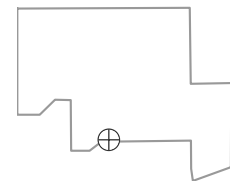
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

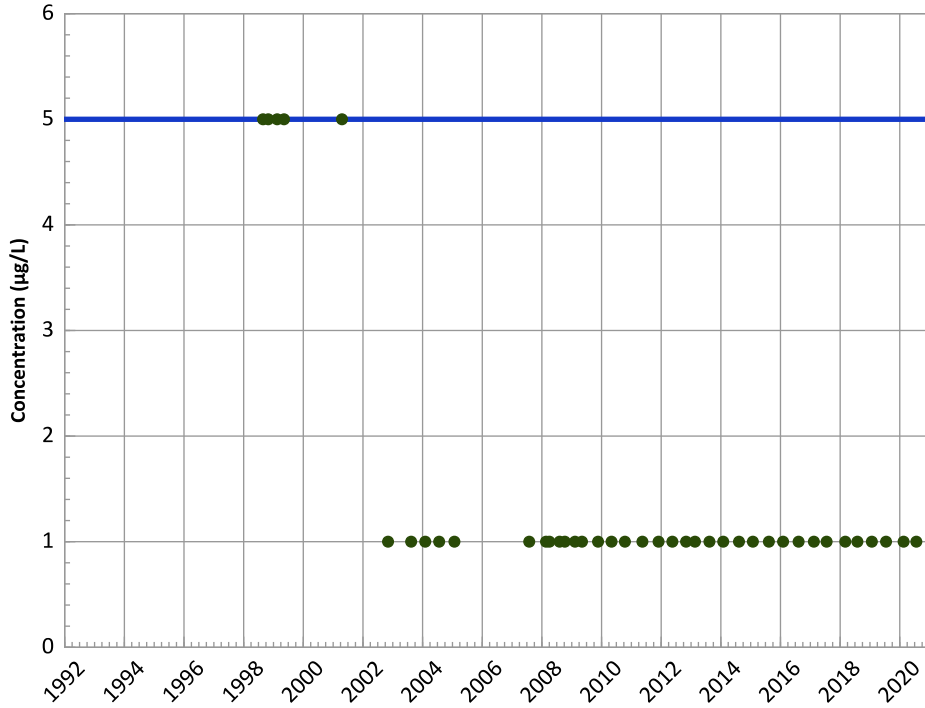
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

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

**PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

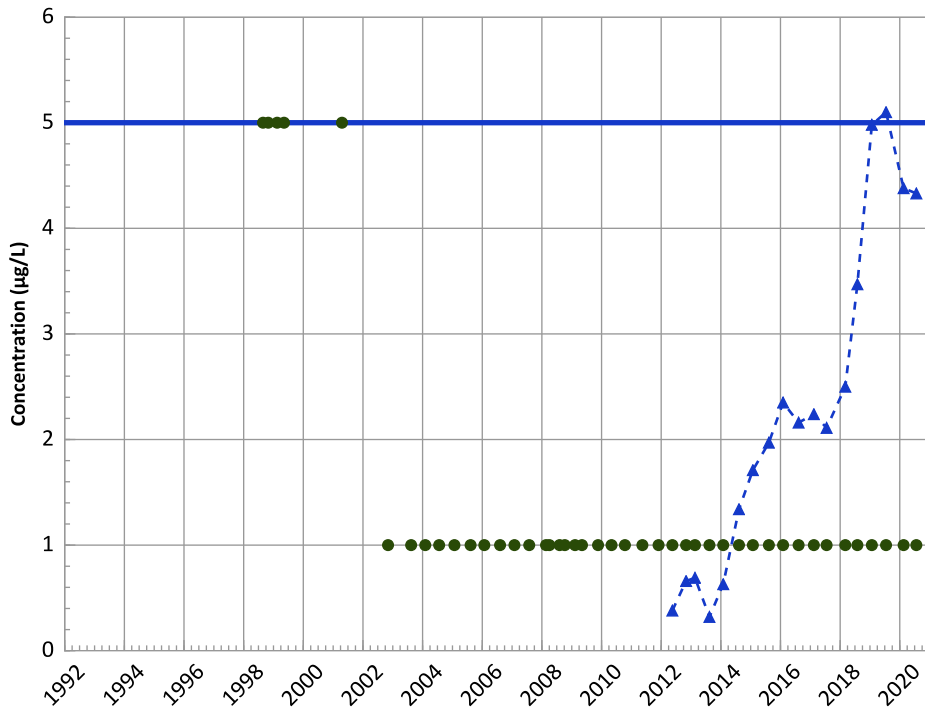
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

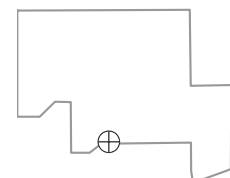
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Increasing

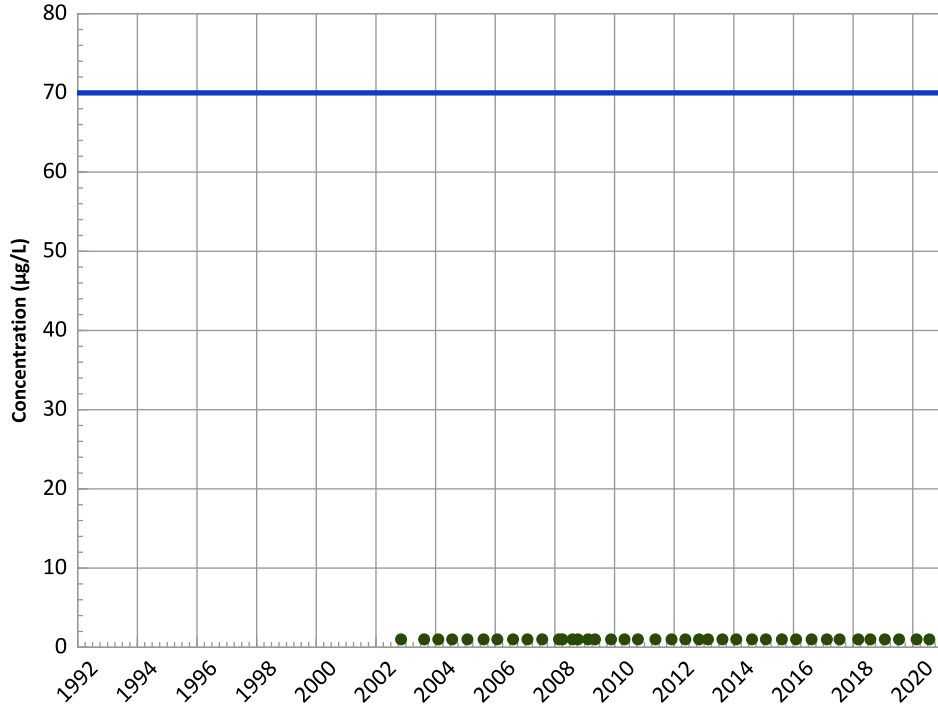
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

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

**PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

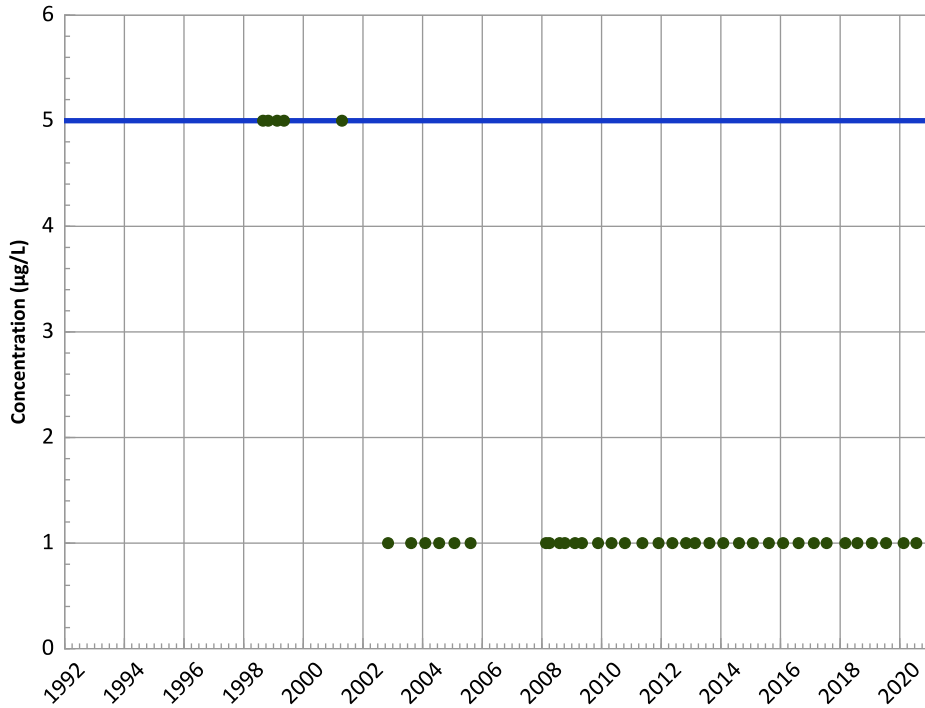
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

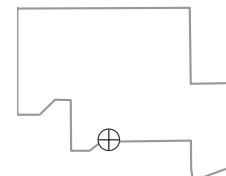
All Data:

All Non-Detect

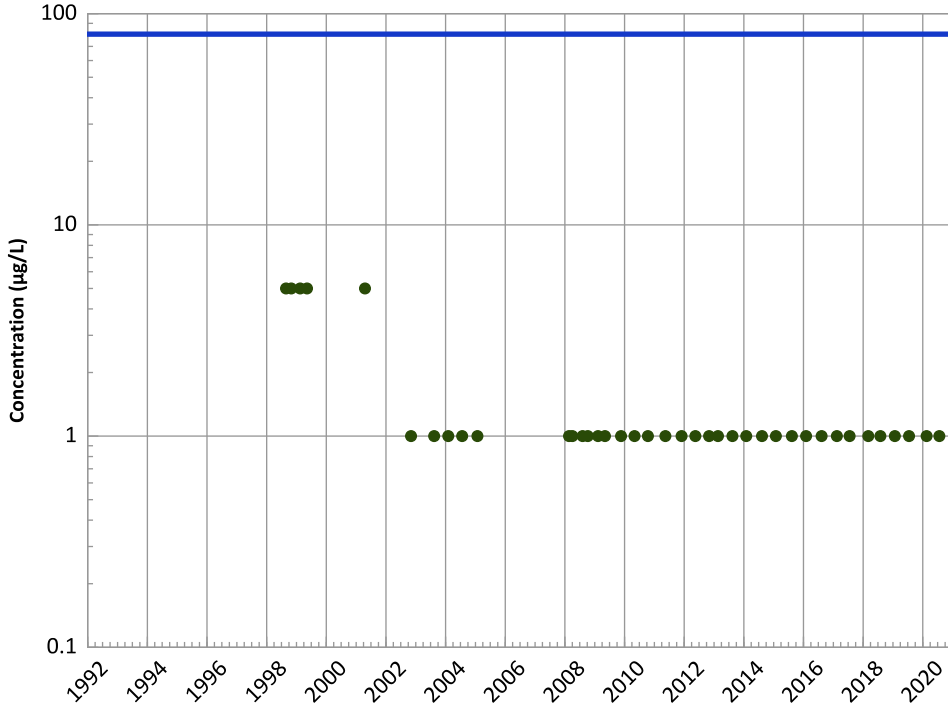
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

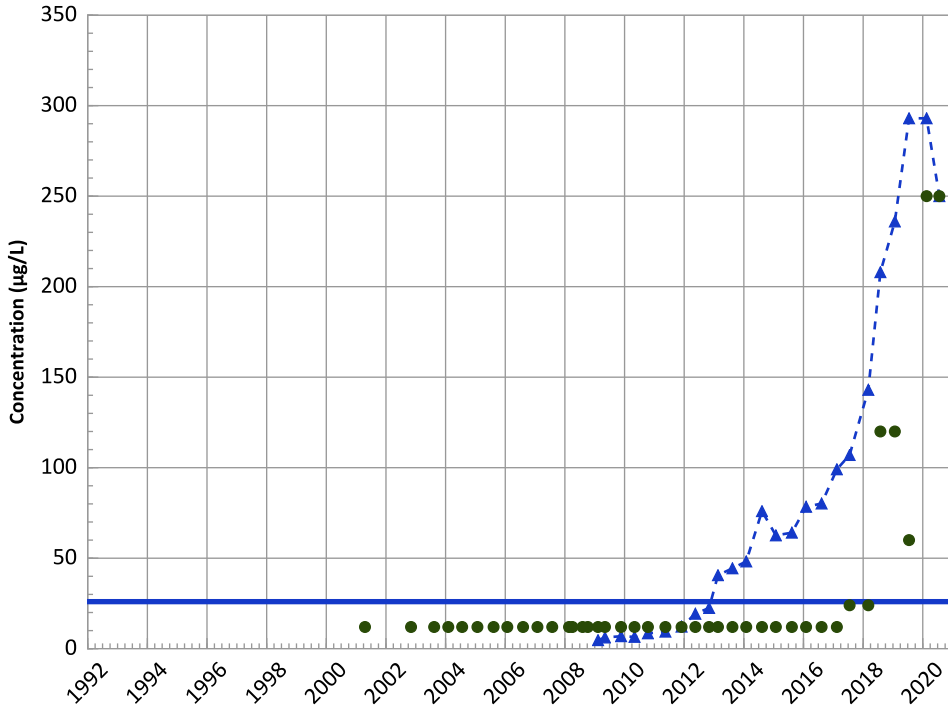
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

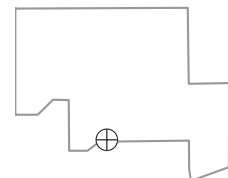
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

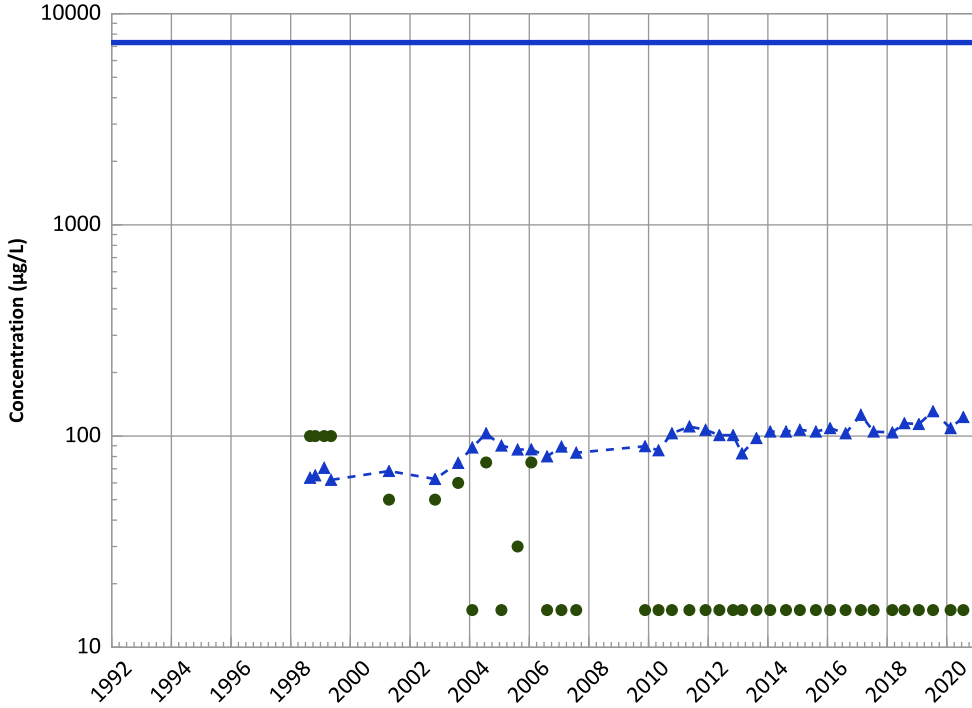
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

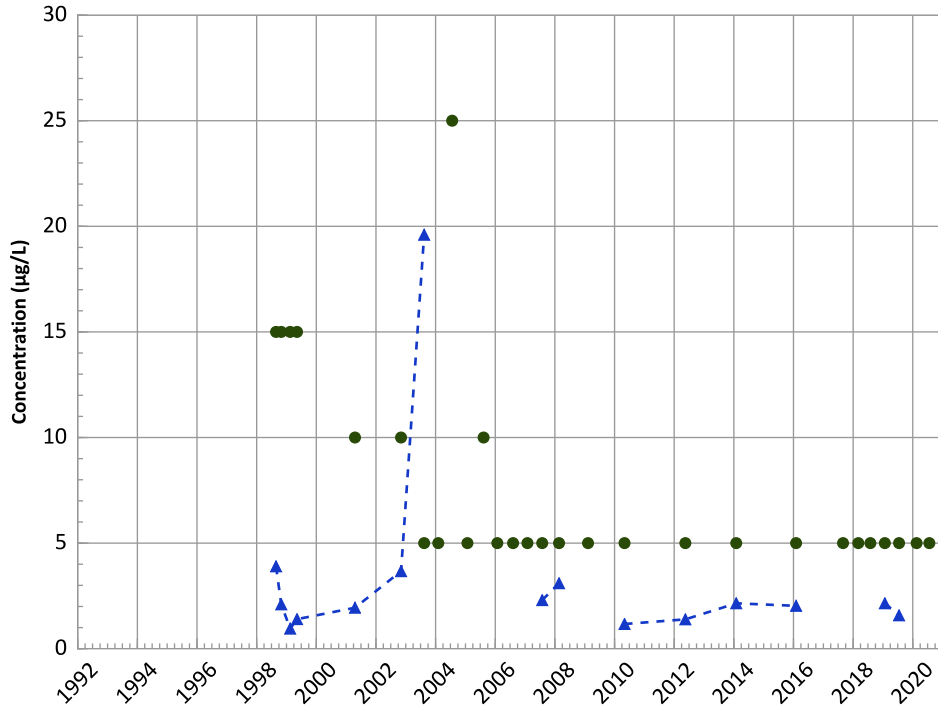
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

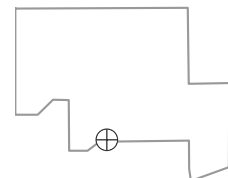
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

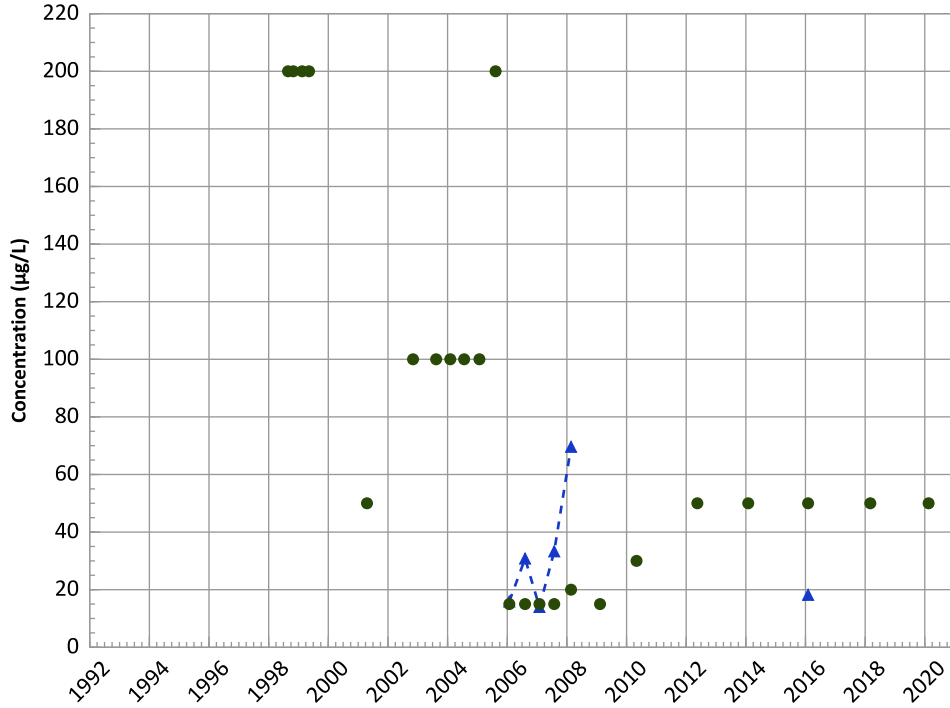
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

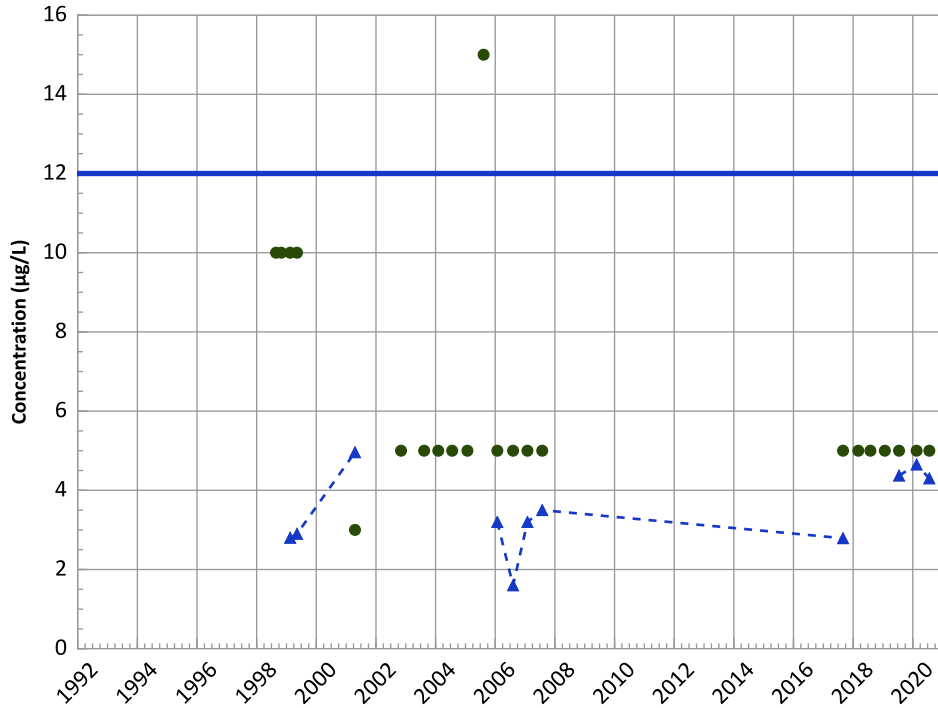


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Arsenic Trend

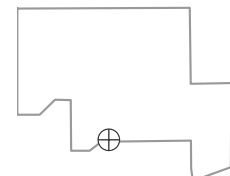


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

Well Location

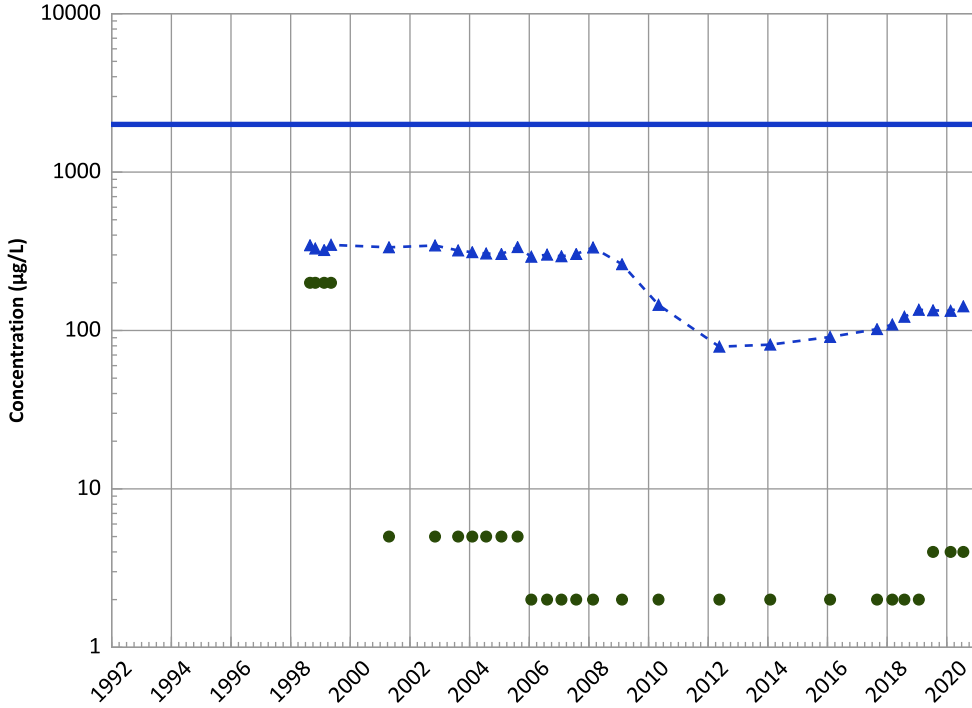


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

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

PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

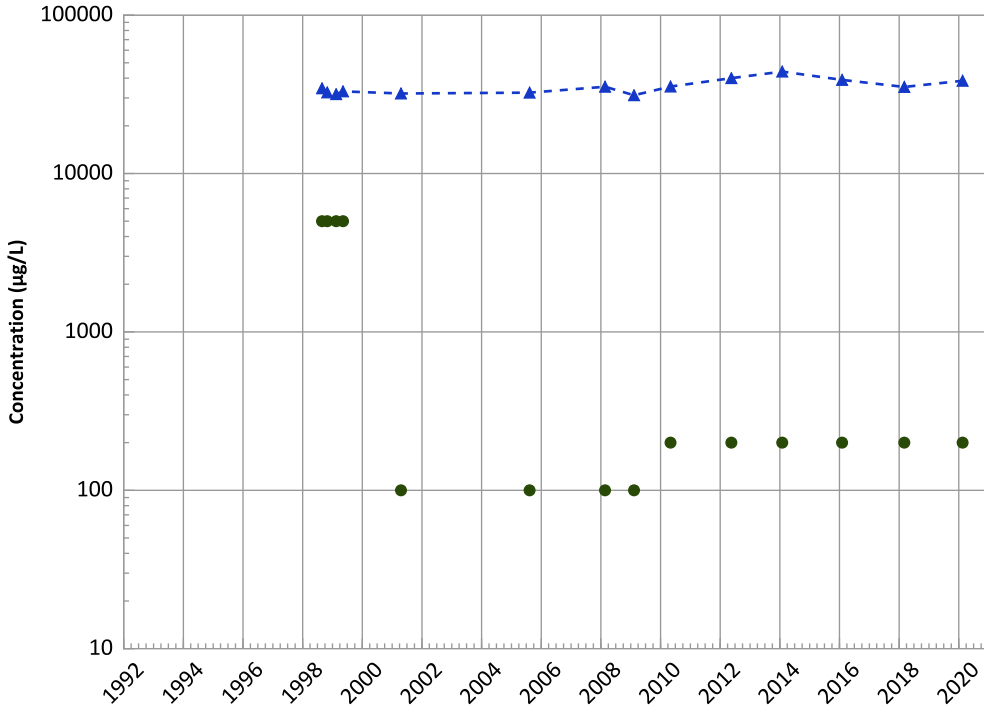
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

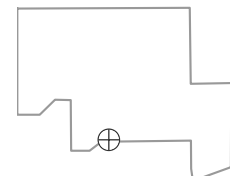
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

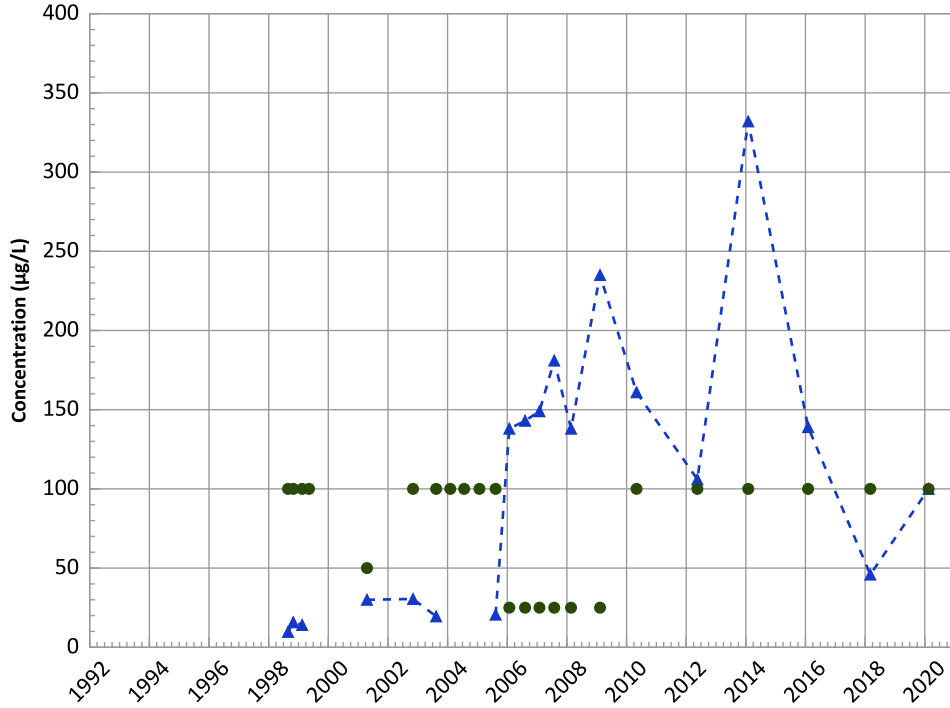
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

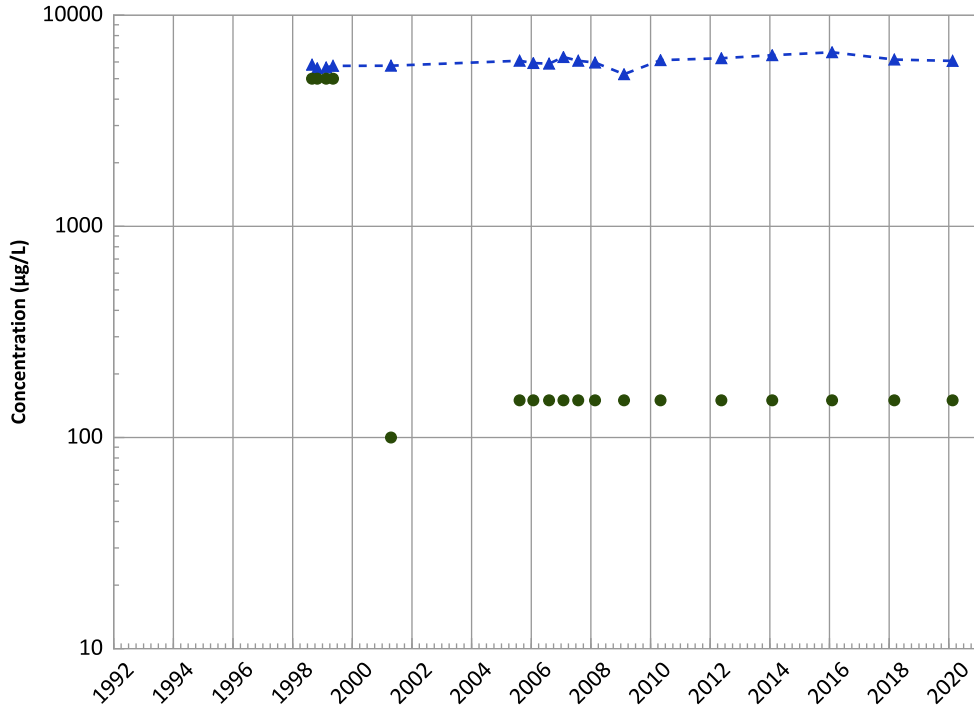
2018 - 2020 Data:

Stable

All Data:

Increasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

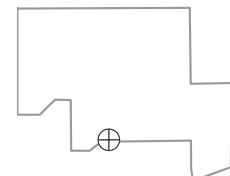
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Well Location

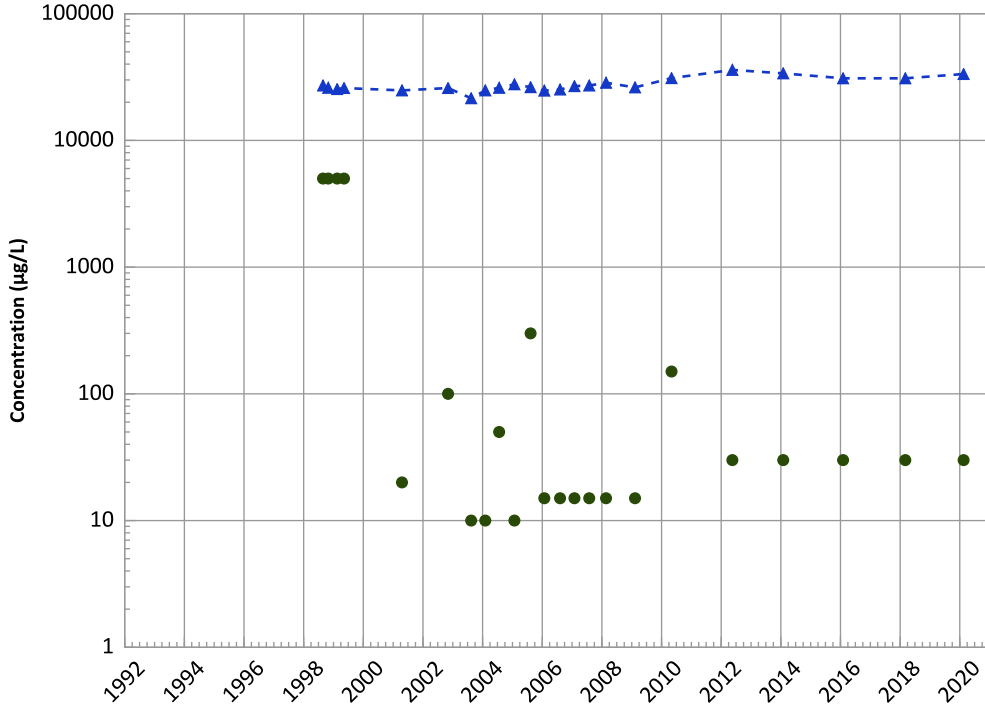


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

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

PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

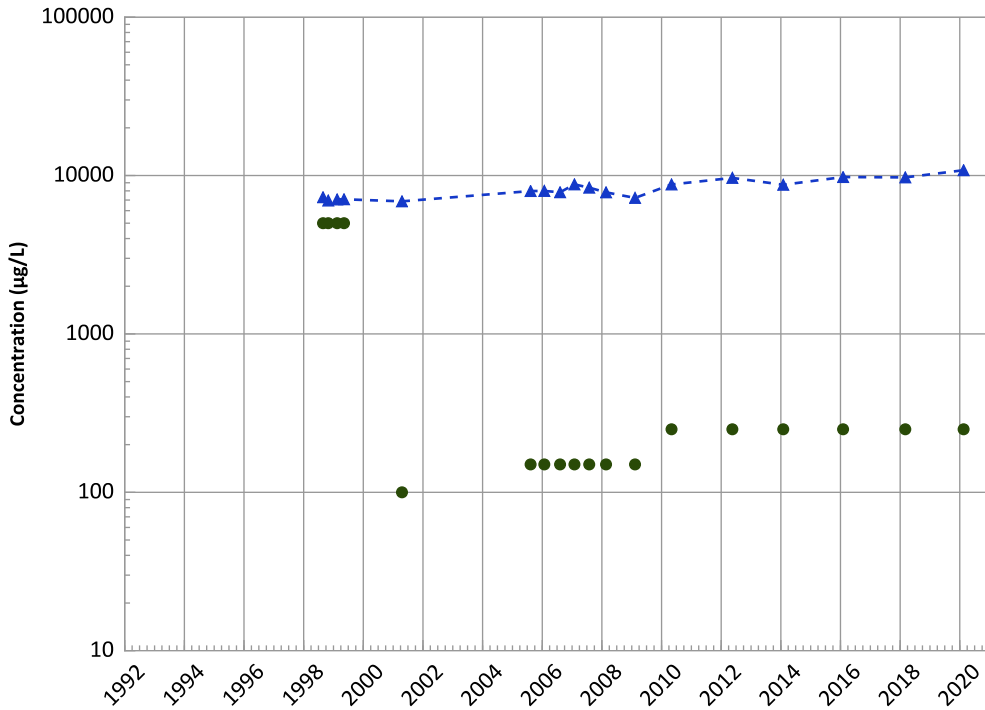
2018 - 2020 Data:

Stable

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

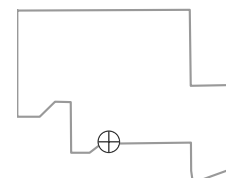
All Data:

Increasing

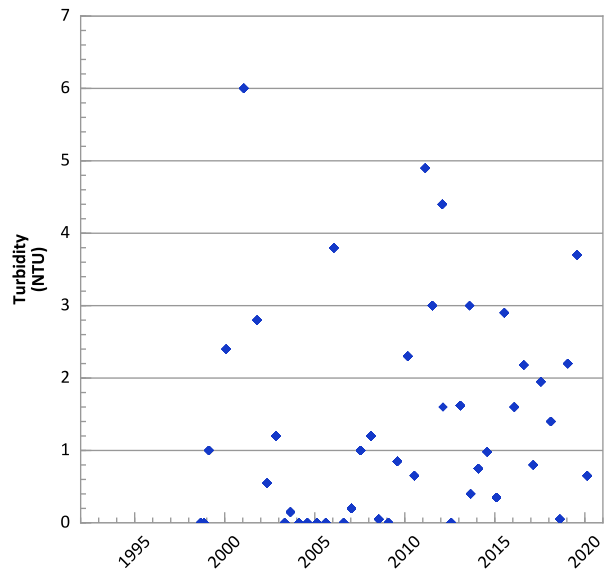
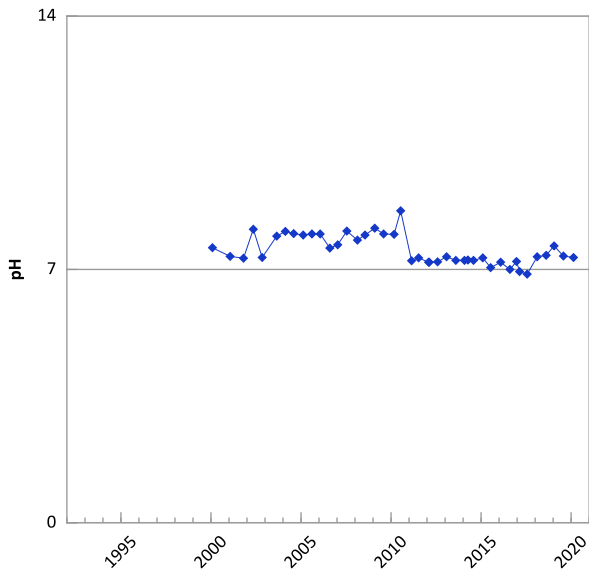
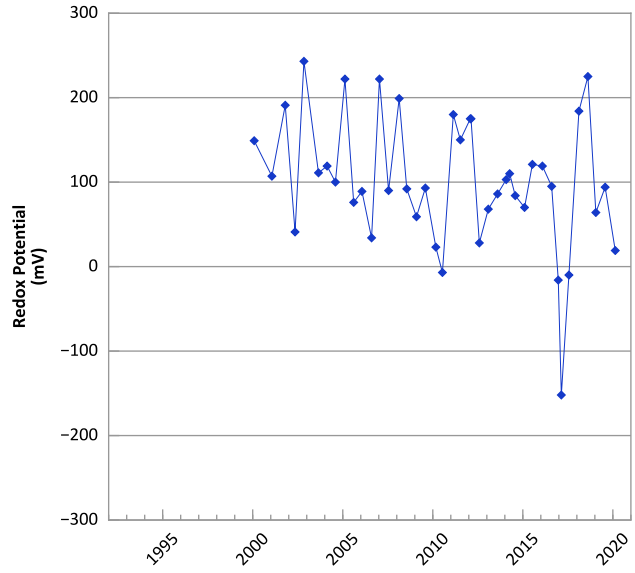
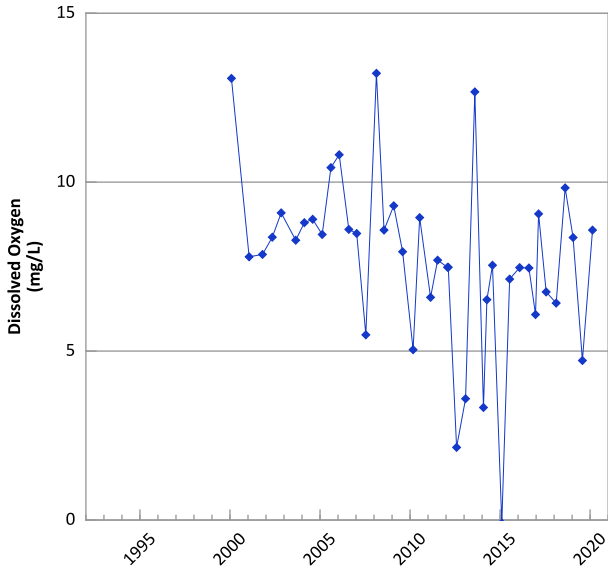
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/1998 to 07/22/2020
Analysis Date: 06/03/2021

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

Well Location

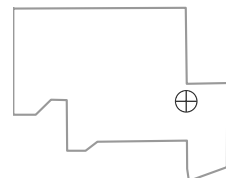


**PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



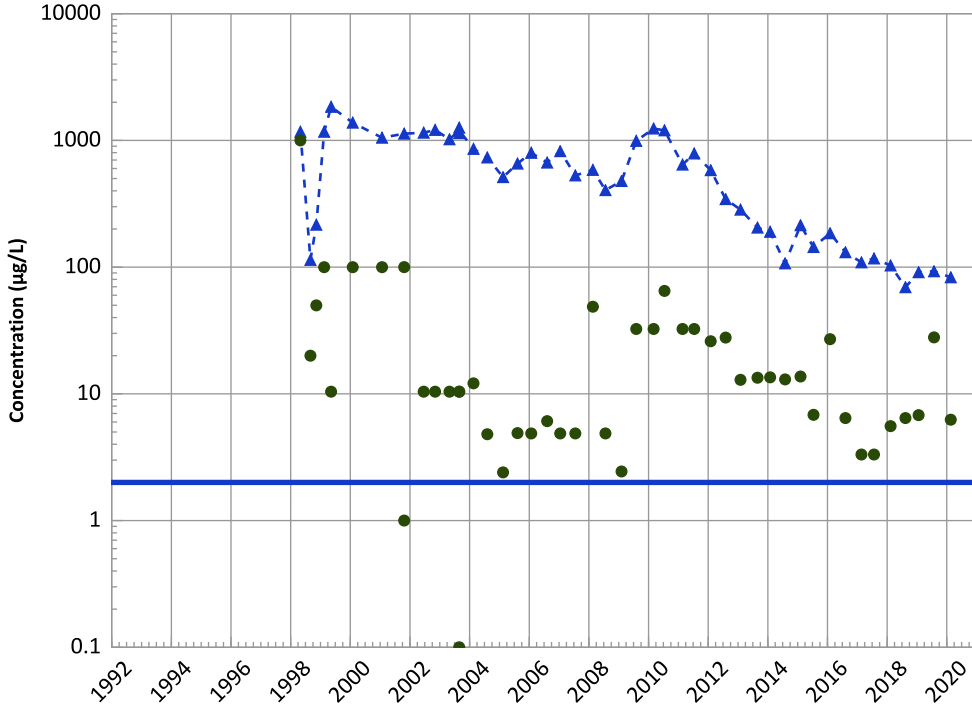
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

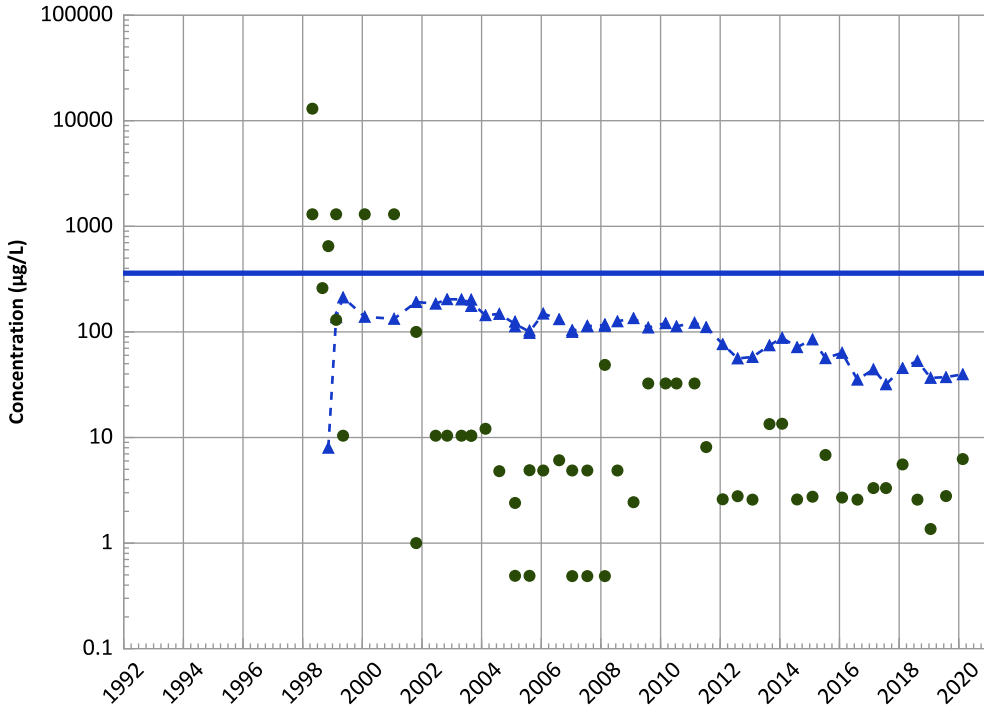
2018 - 2020 Data:

No Trend

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

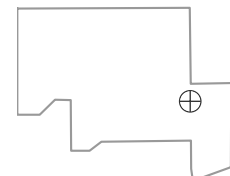
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

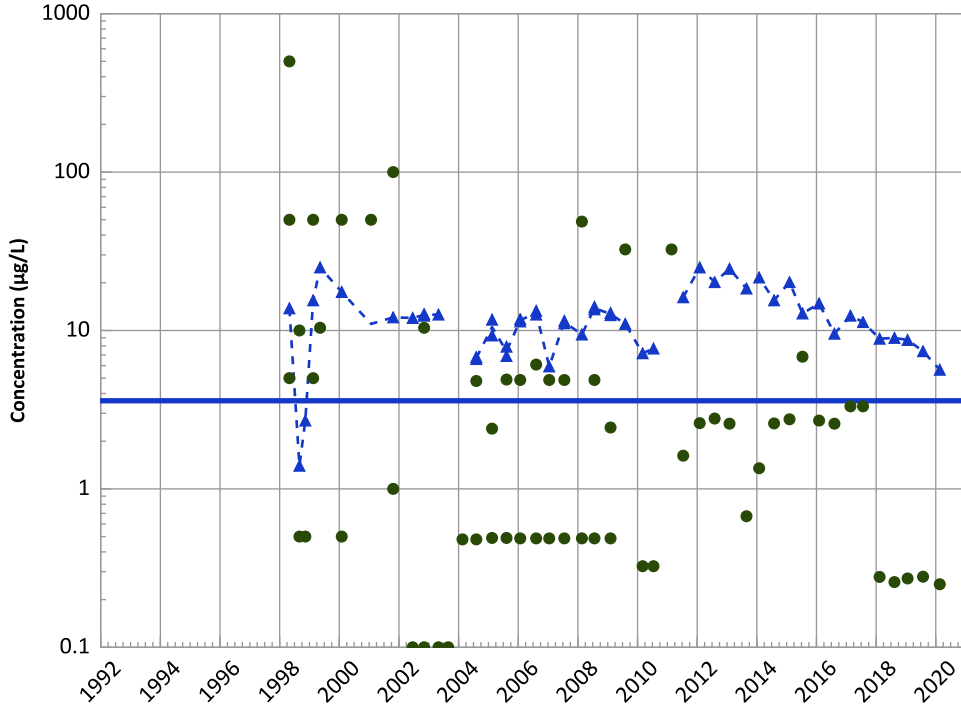
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

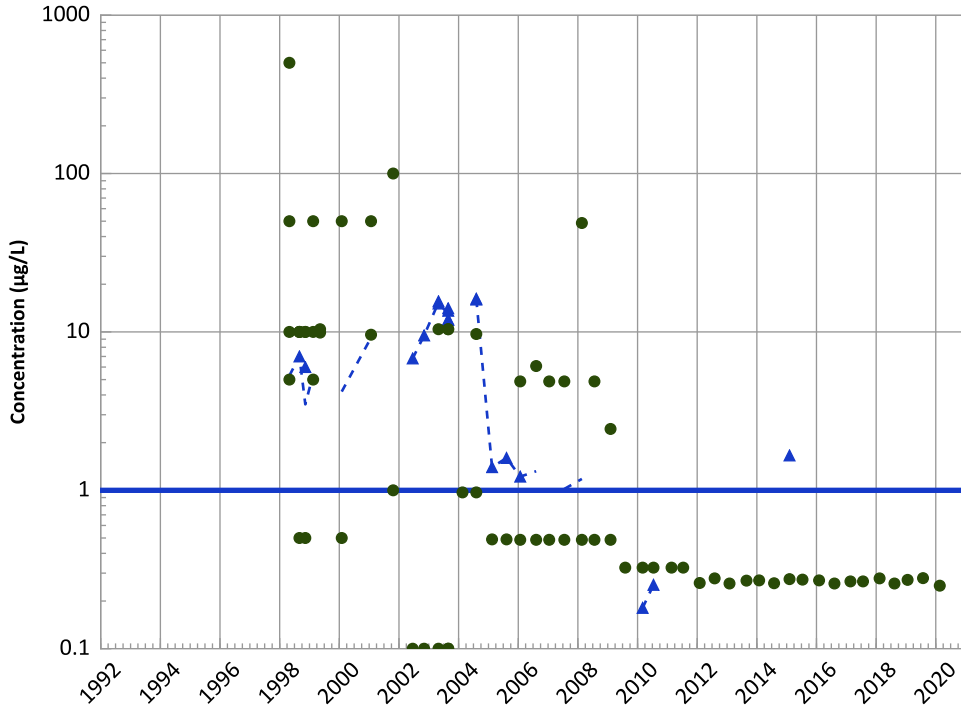
2018 - 2020 Data:

Decreasing

All Data:

No Trend

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

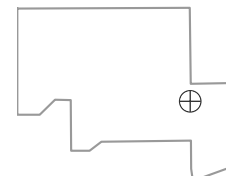
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

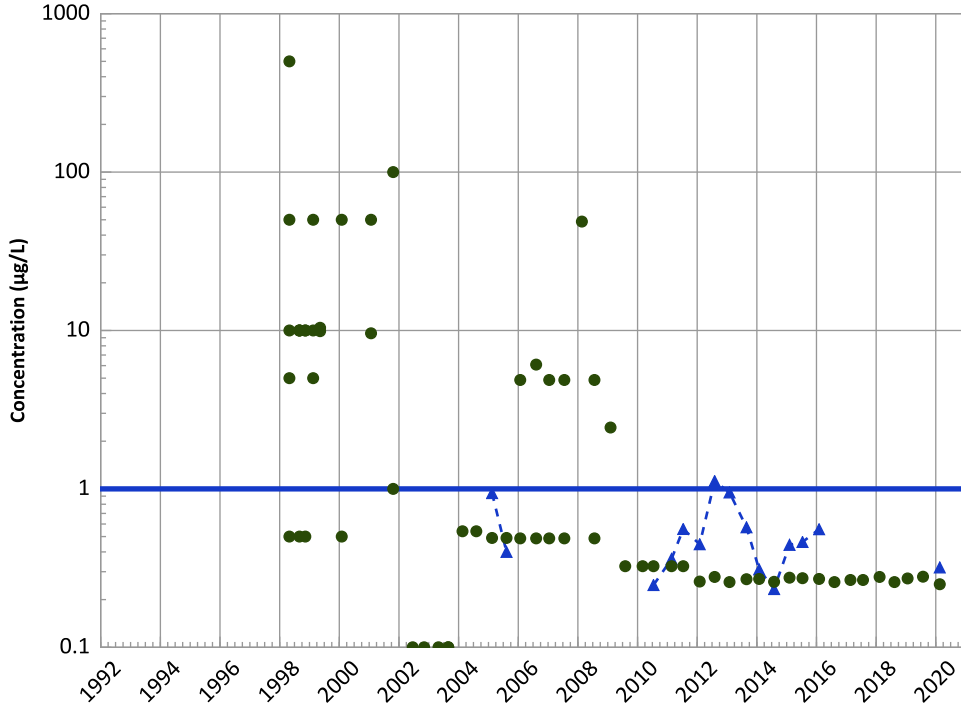
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

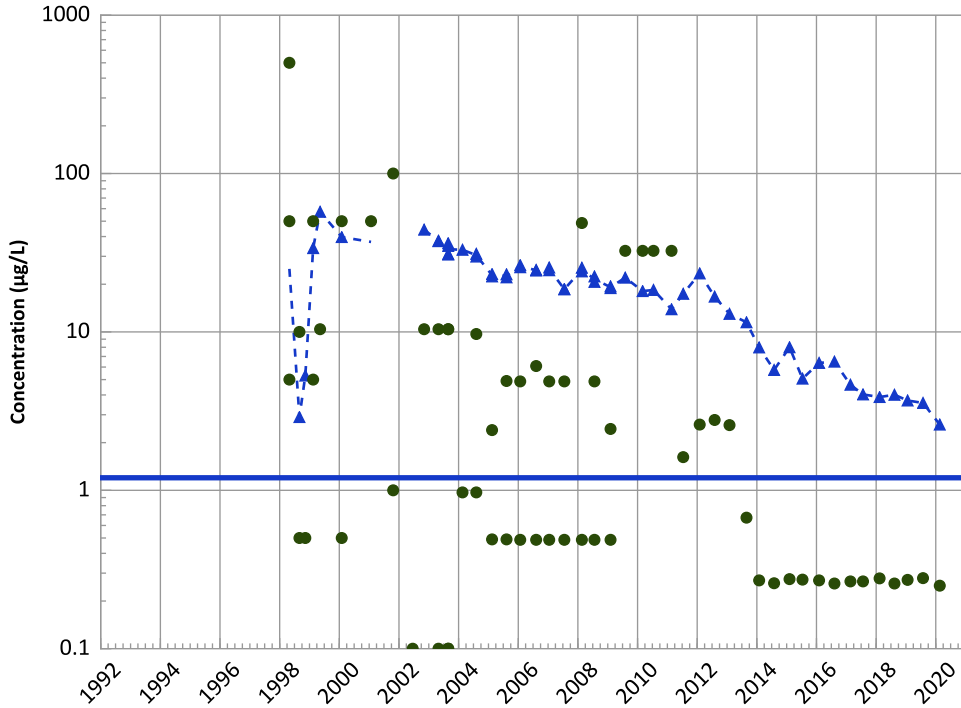


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend

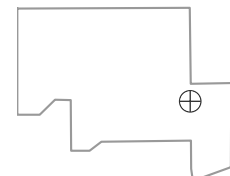


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Well Location

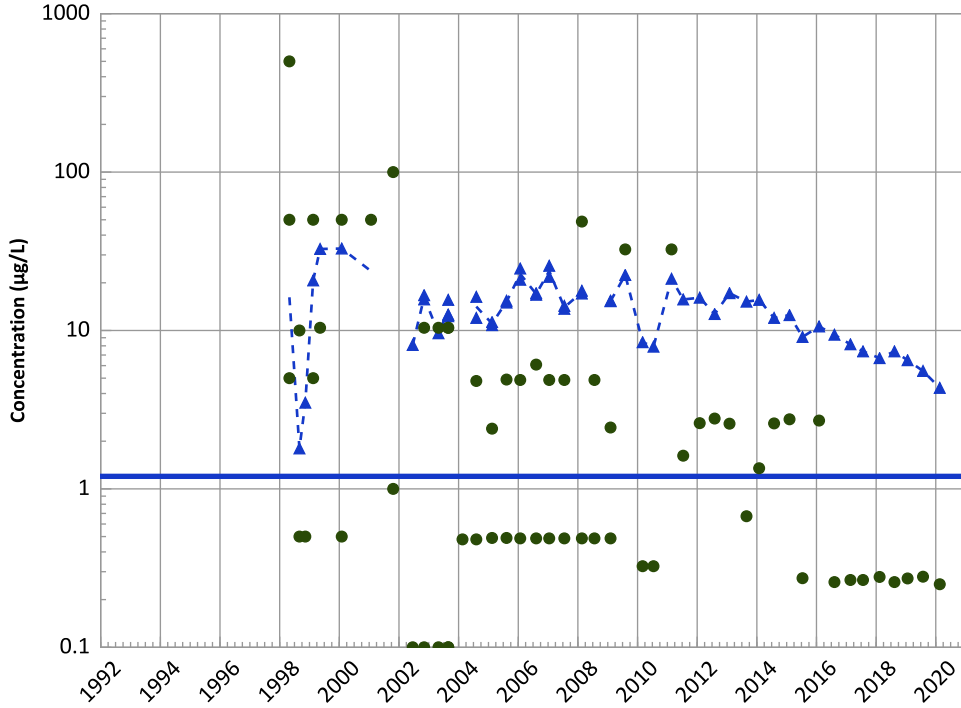


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

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

PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

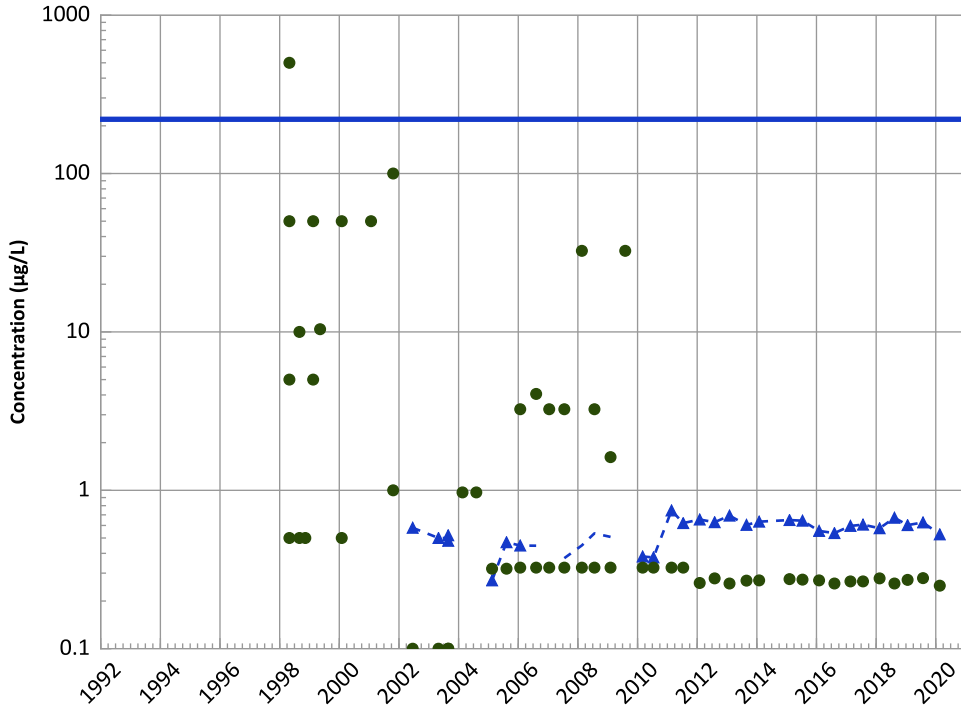
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

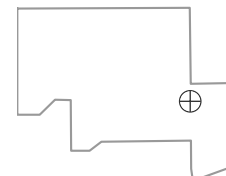
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

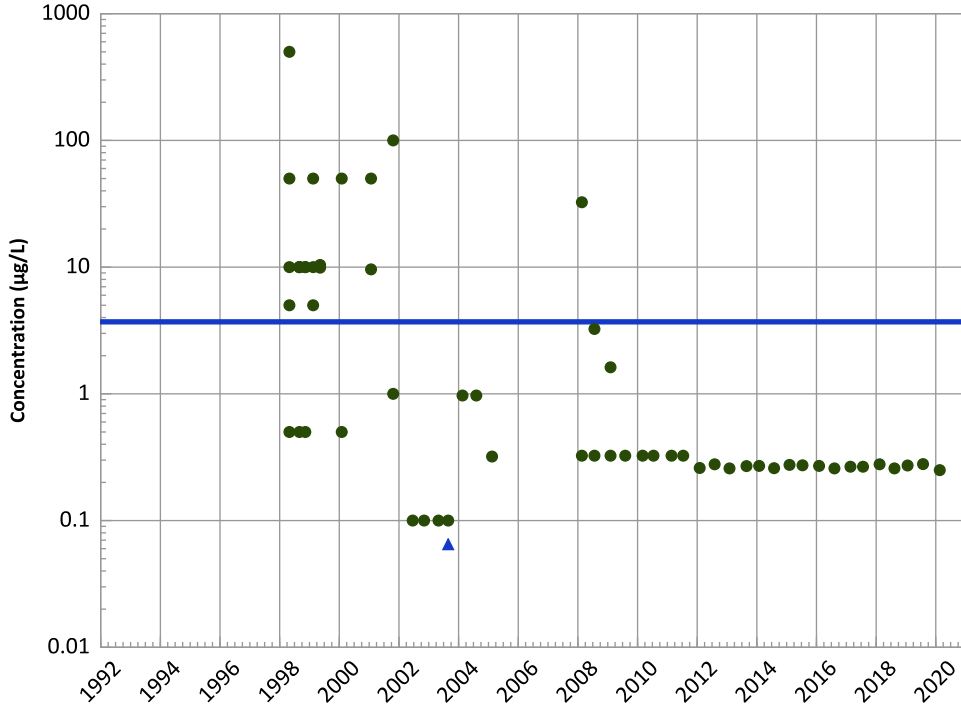
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

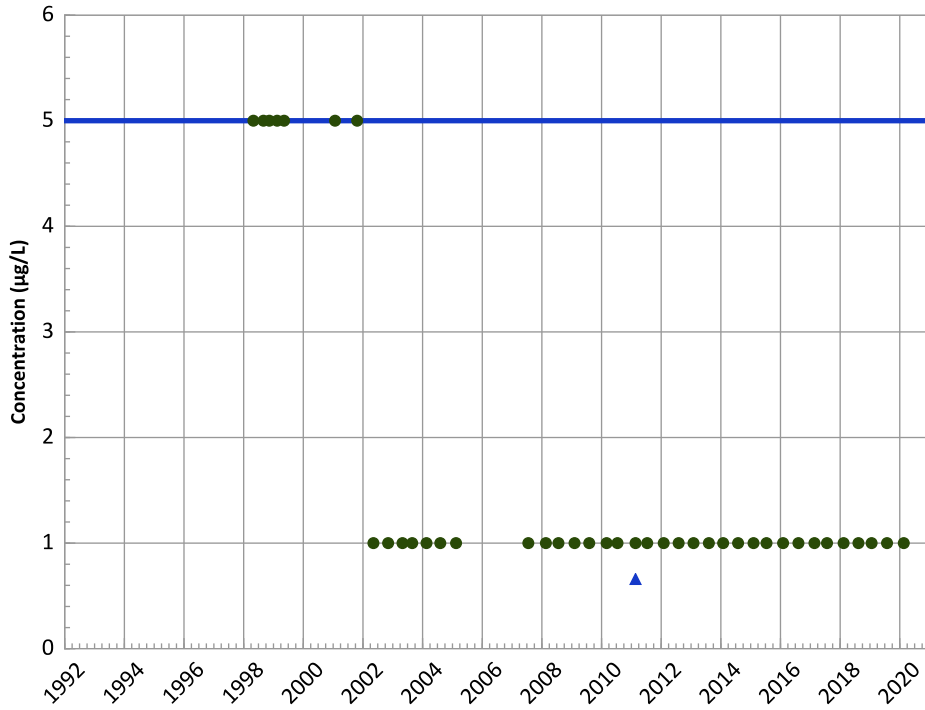
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

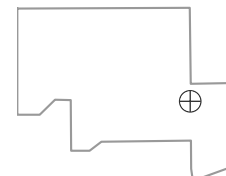
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

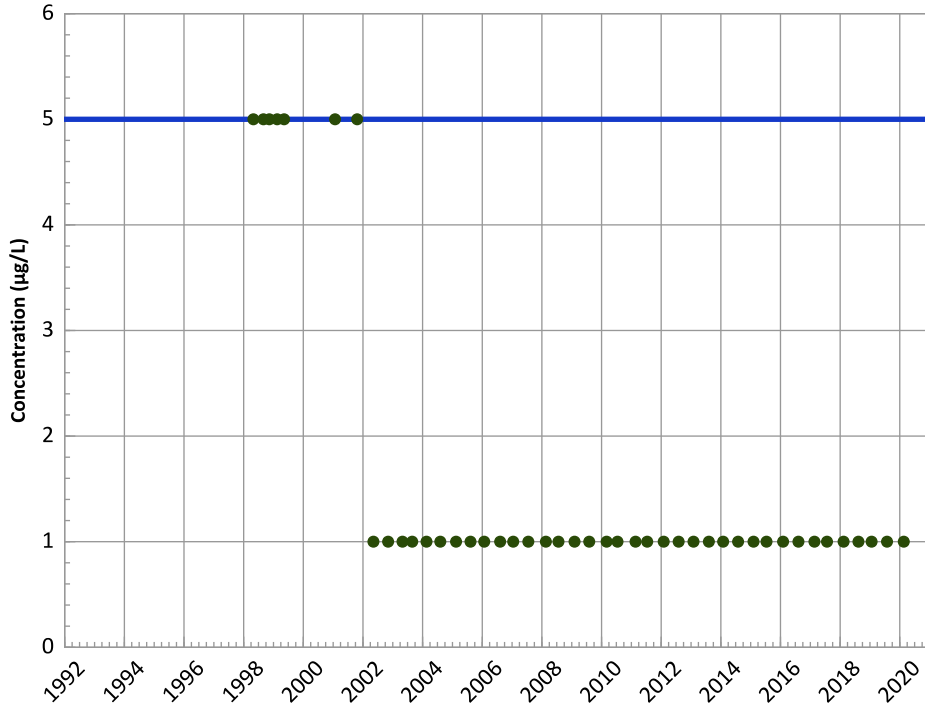


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

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

PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

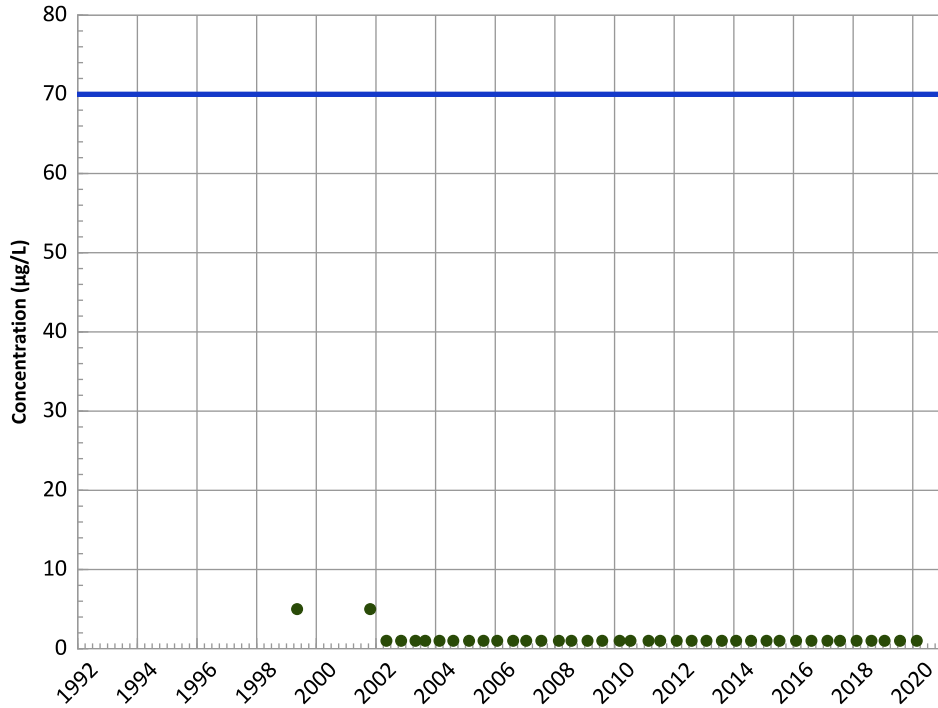
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

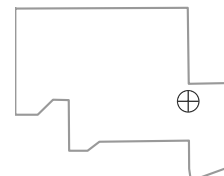
All Data:

All Non-Detect

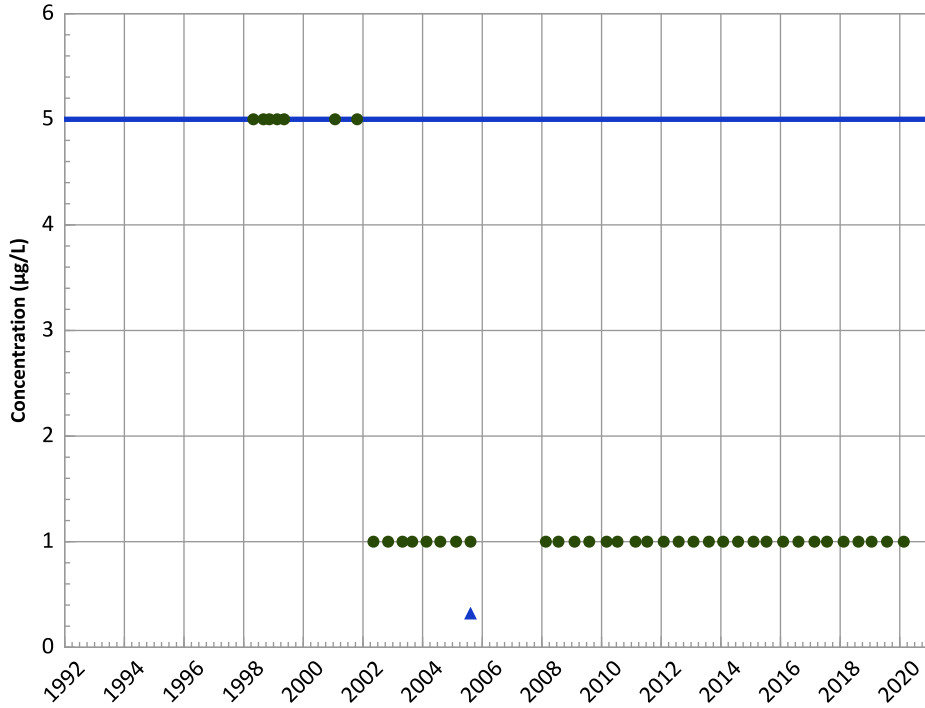
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

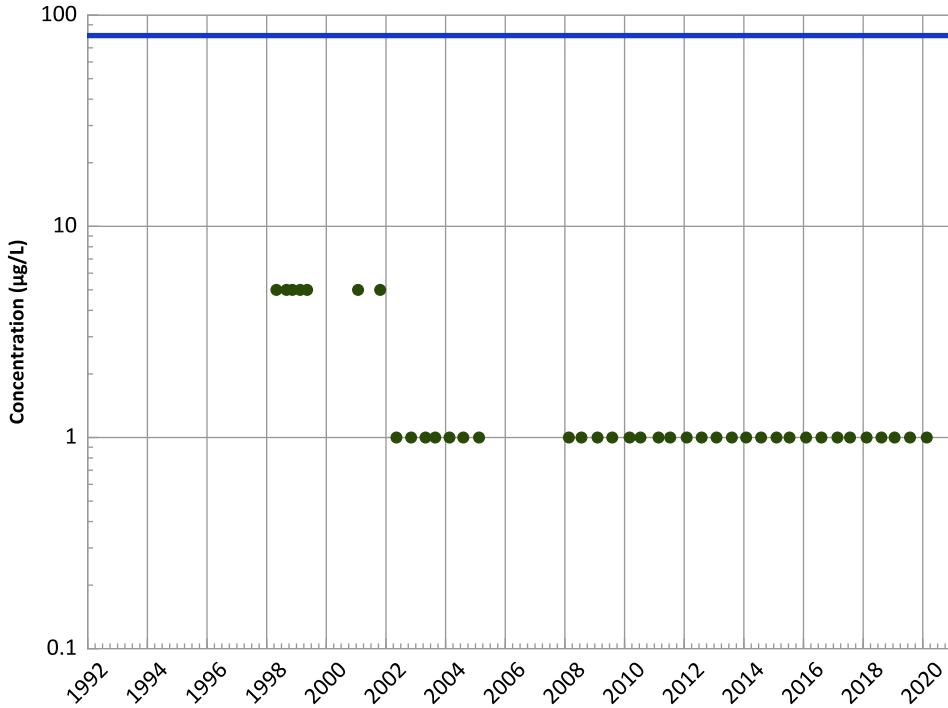


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

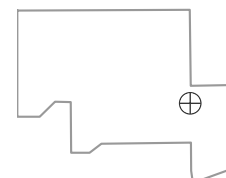


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

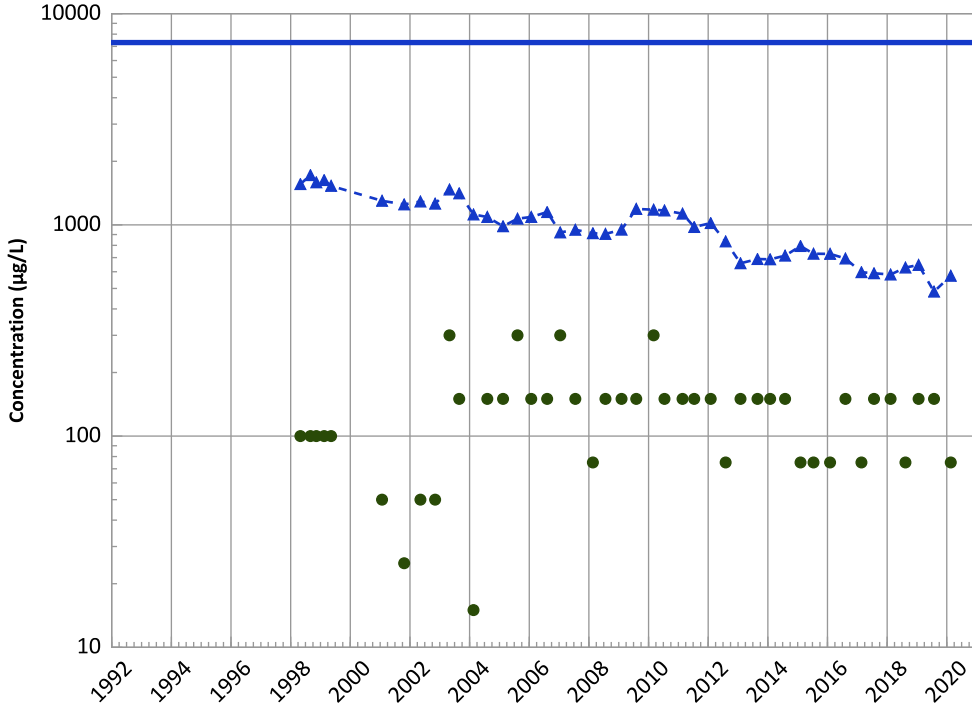


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

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

PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

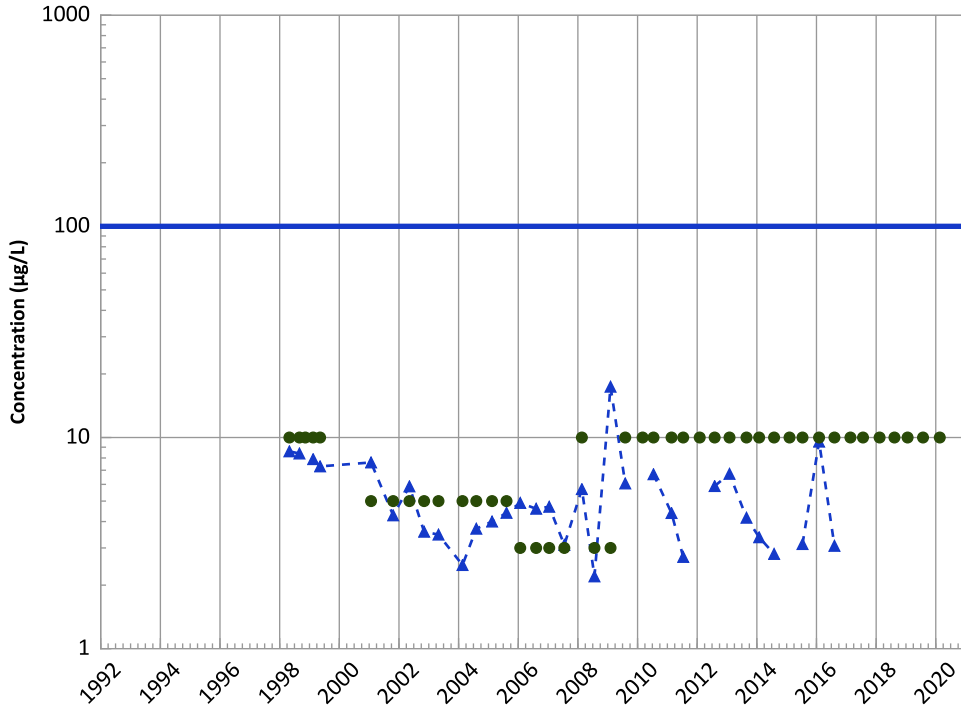
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

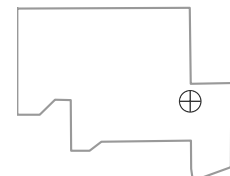
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

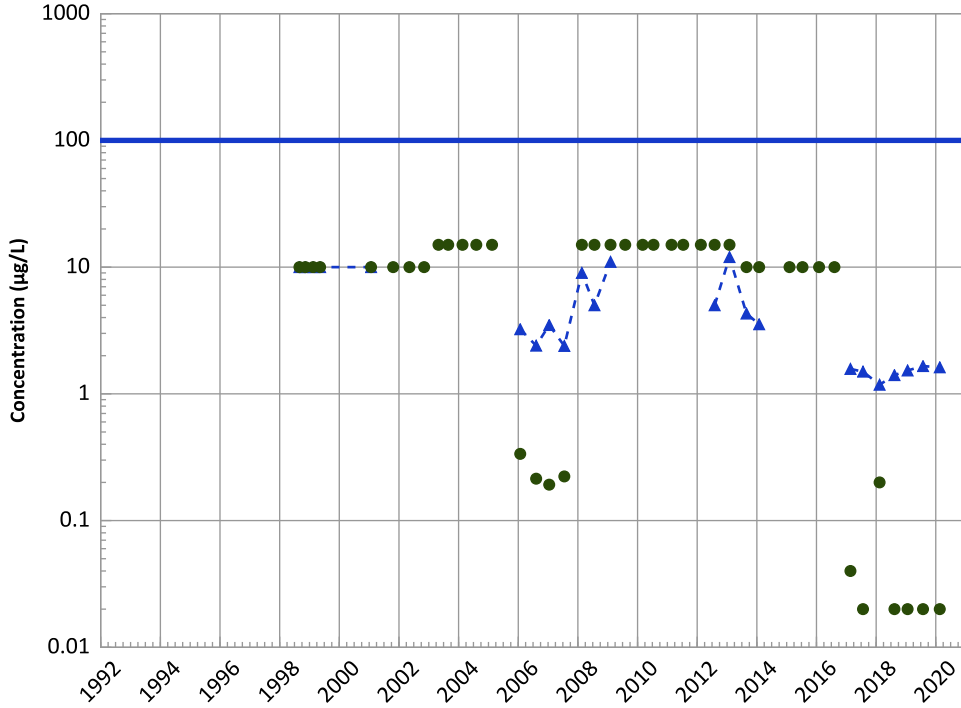
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

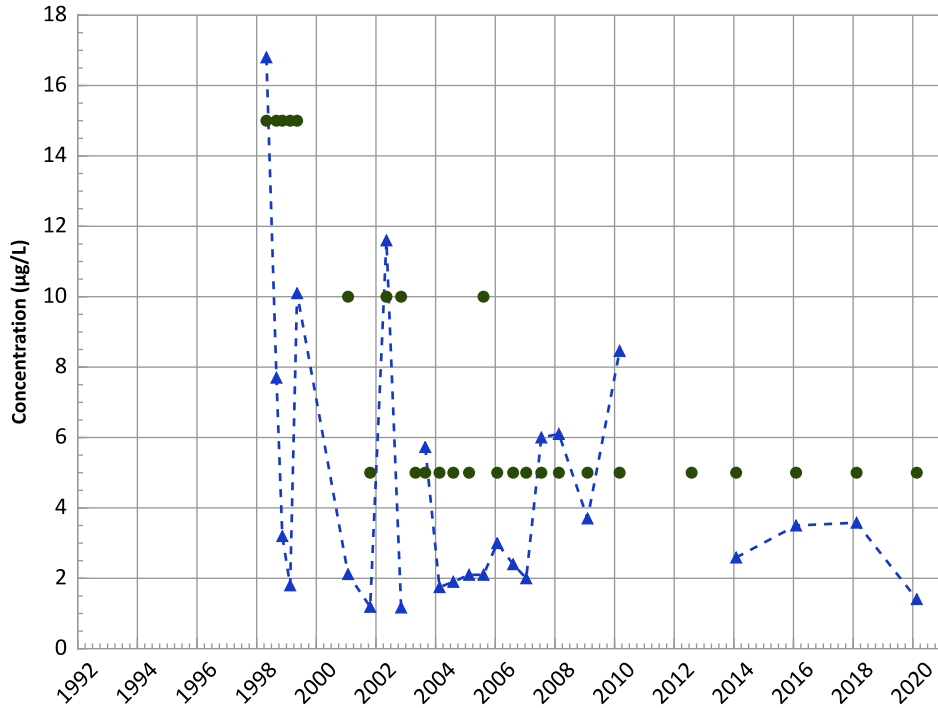
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

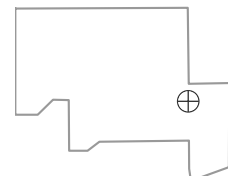
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

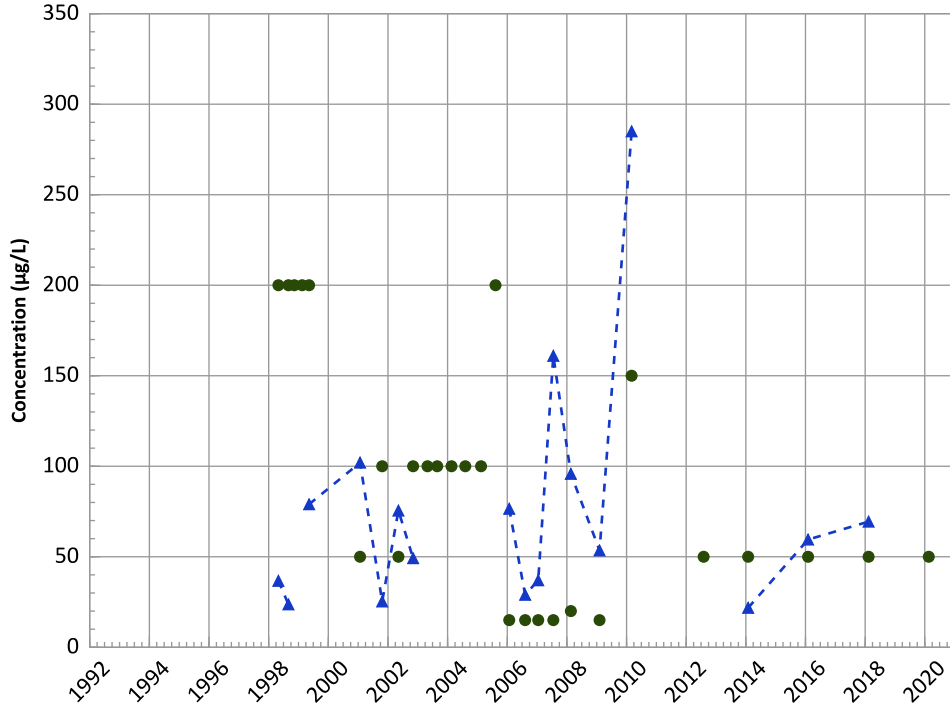
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

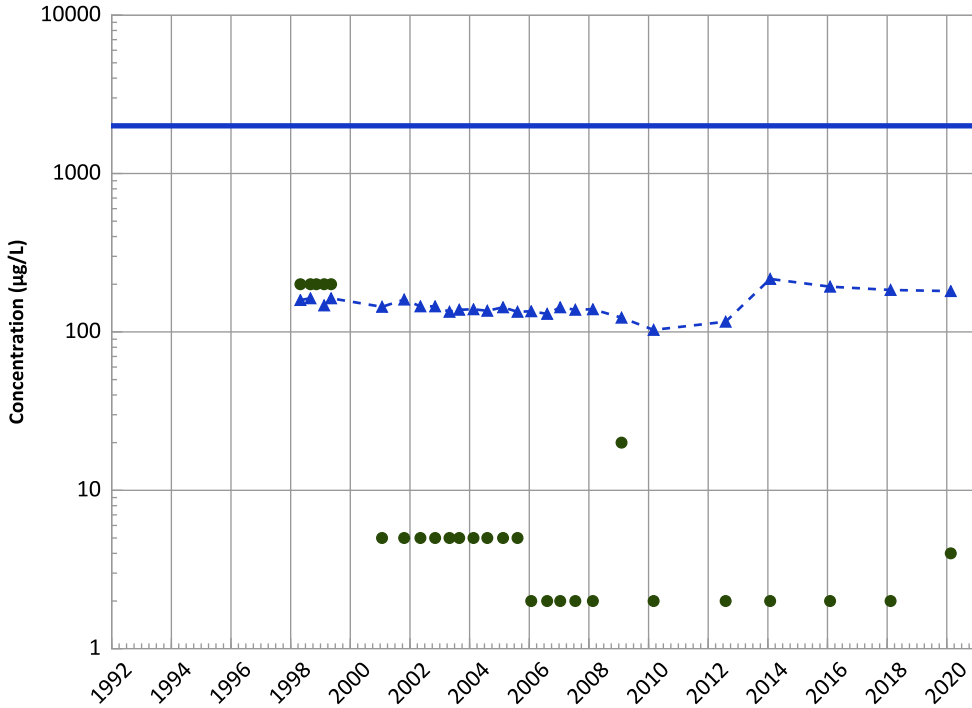


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Barium Trend



Concentration Trend

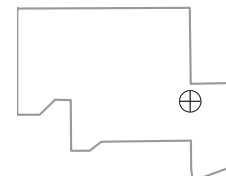
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

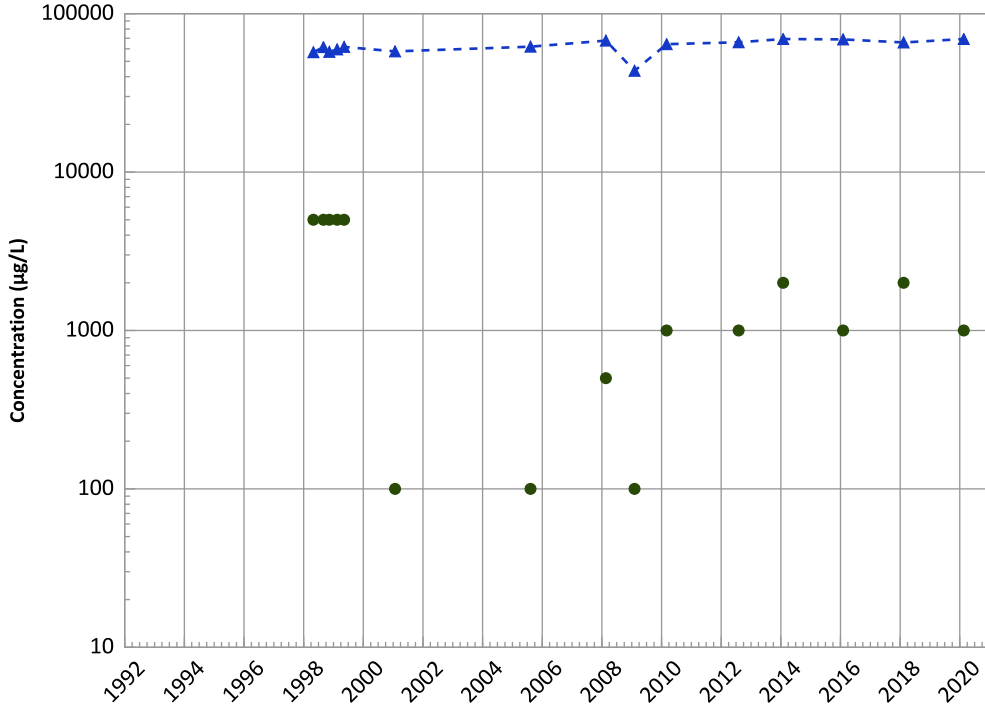
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

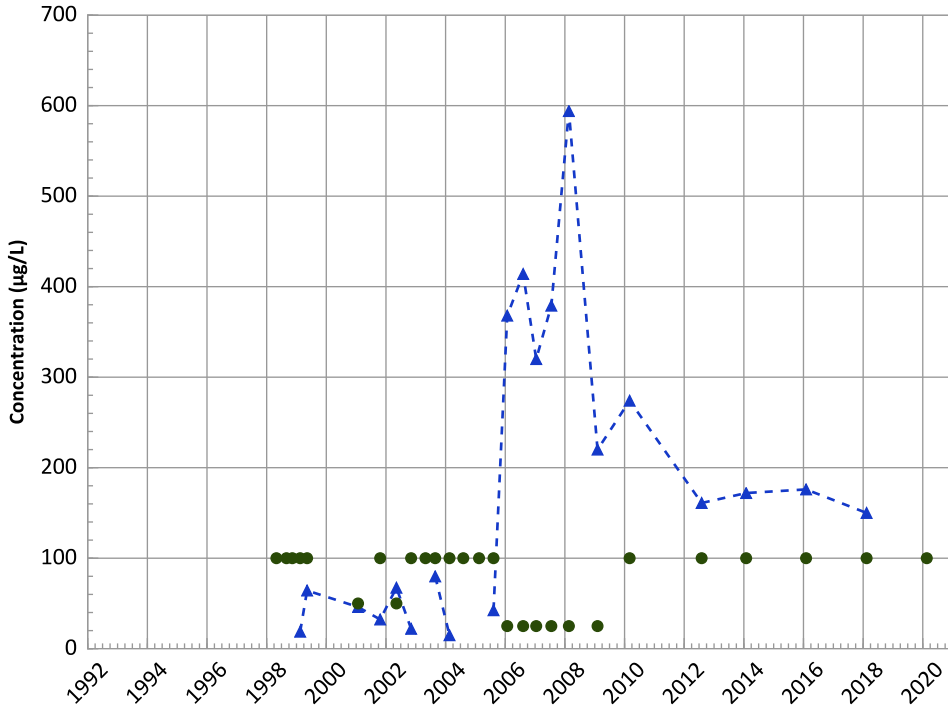
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

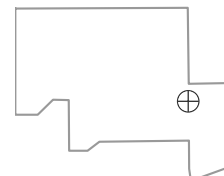
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

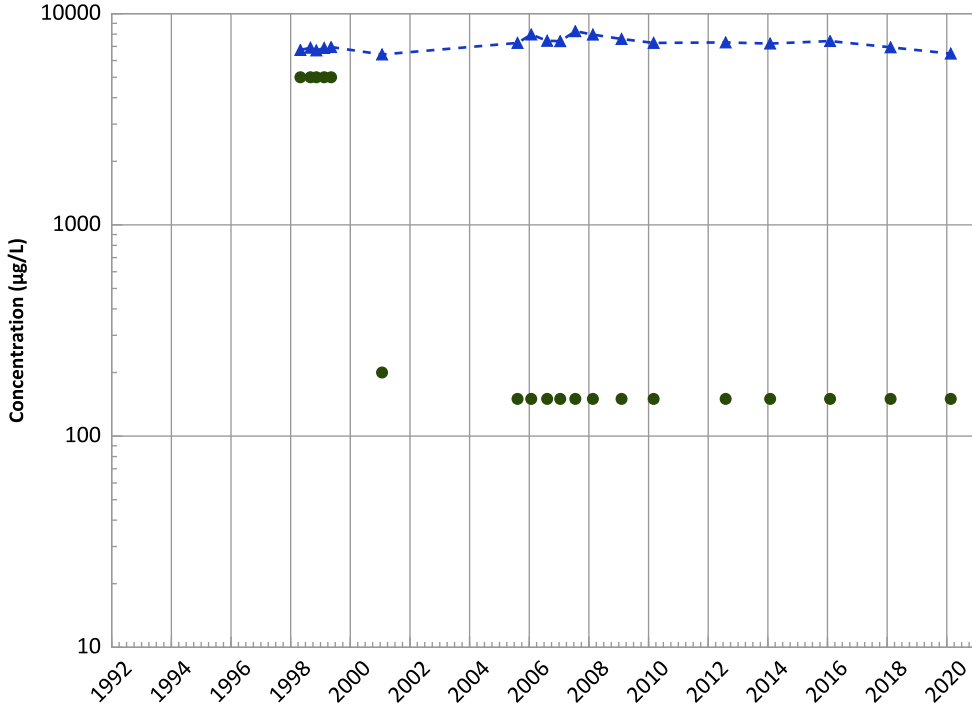
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

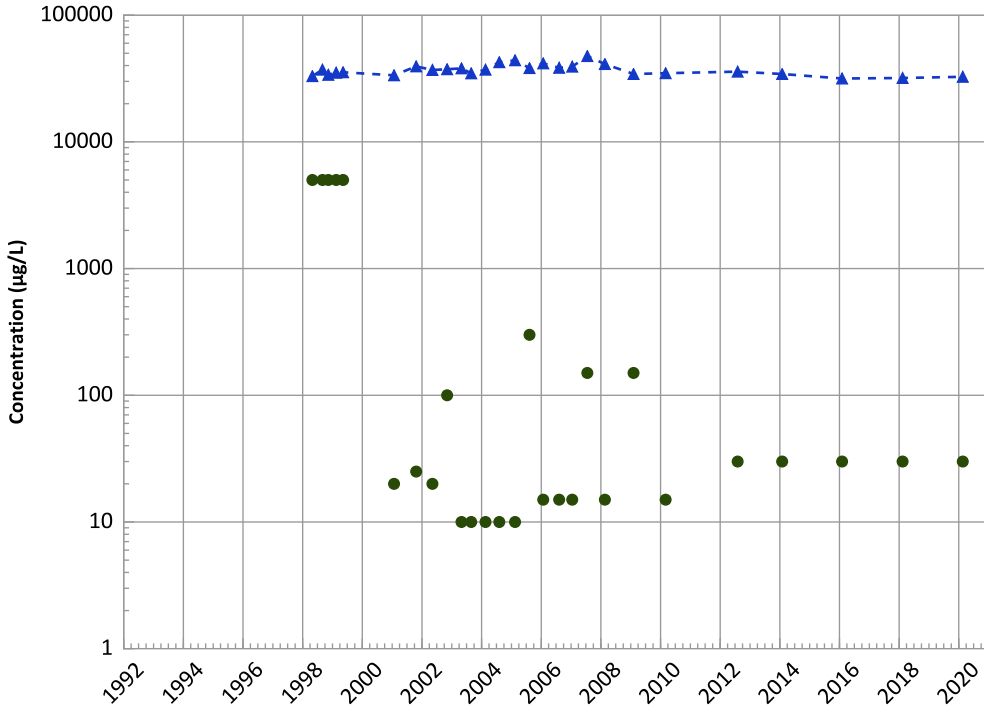
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing
All Data:
Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Stable
All Data:
Decreasing

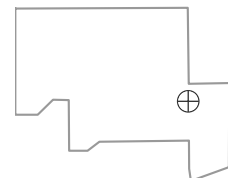
MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

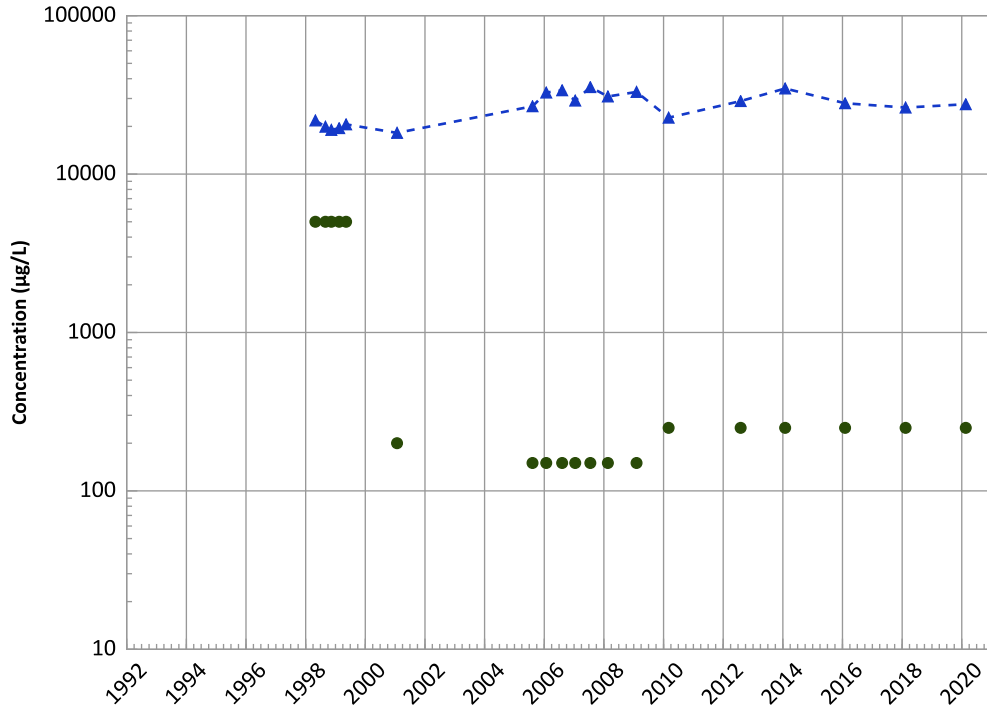
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

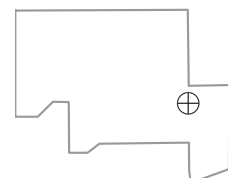
All Data:

Increasing

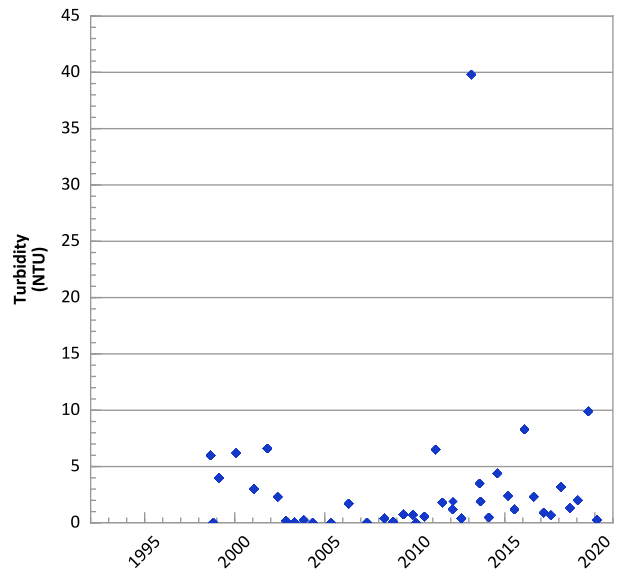
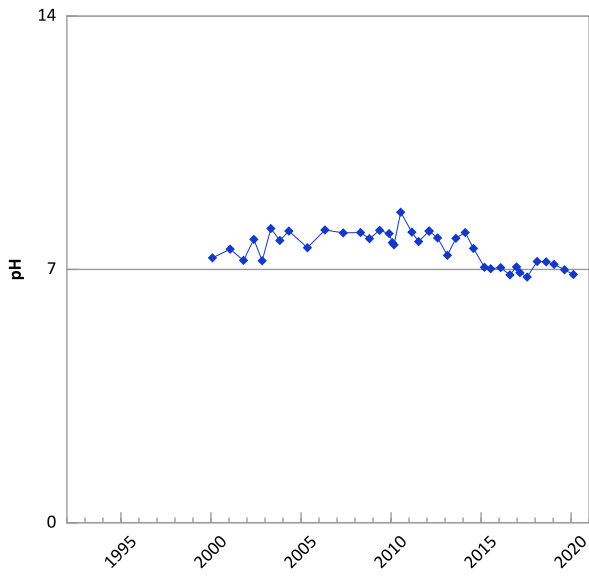
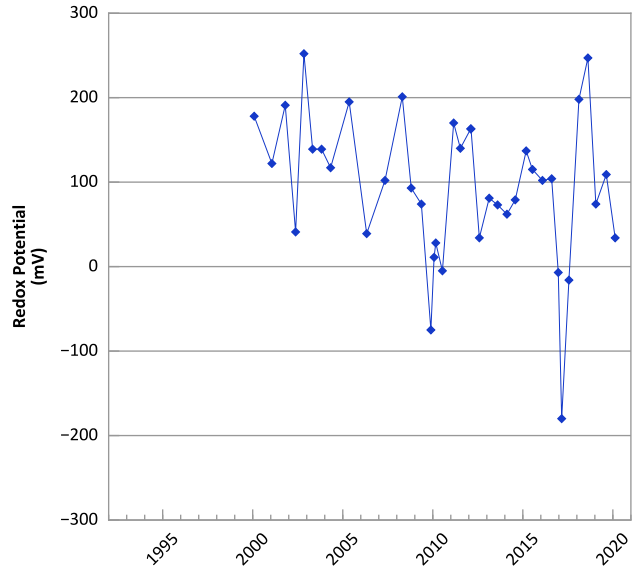
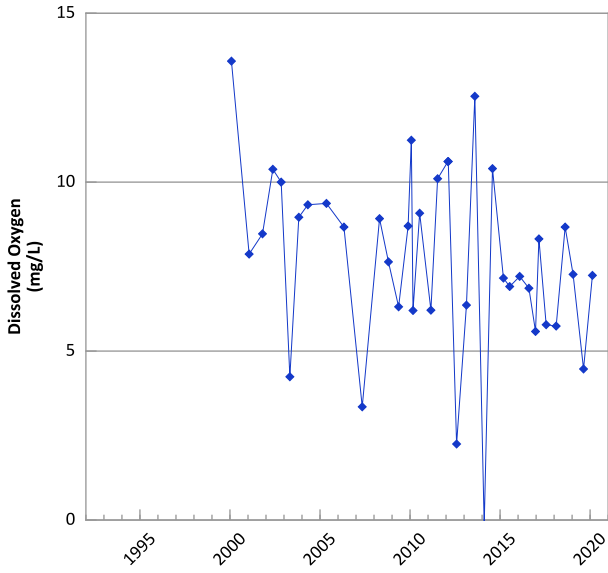
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/30/1998 to 02/19/2020
Analysis Date: 06/03/2021

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

Well Location

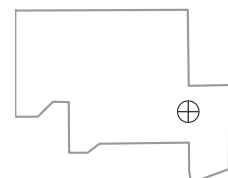


**PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



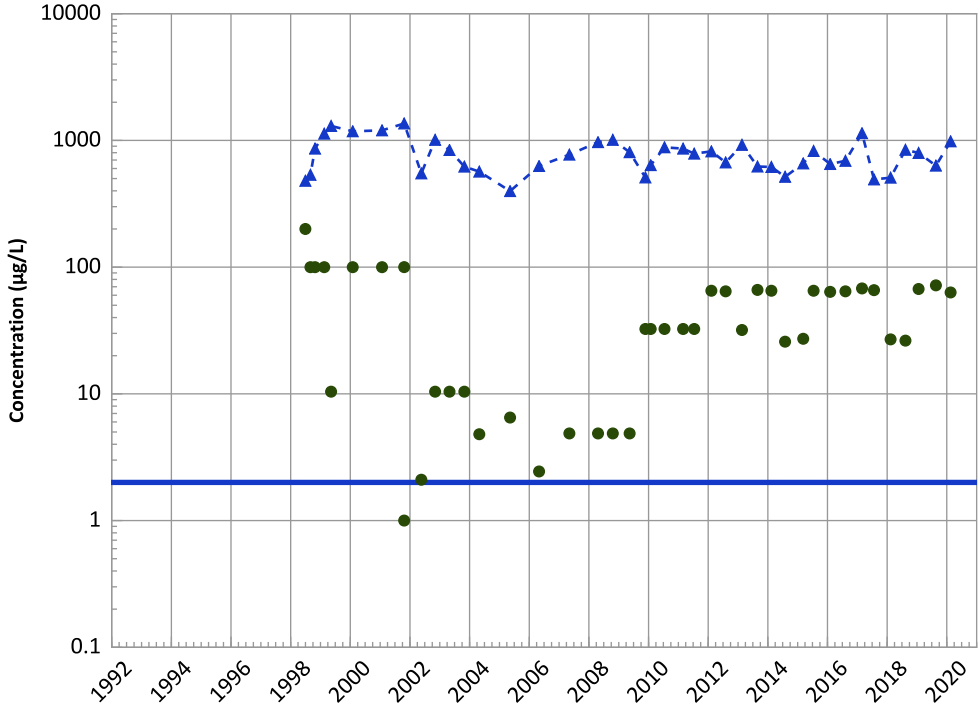
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/30/1998 to 02/17/2020
 Analysis Date: 06/03/2021

Well Location



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

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

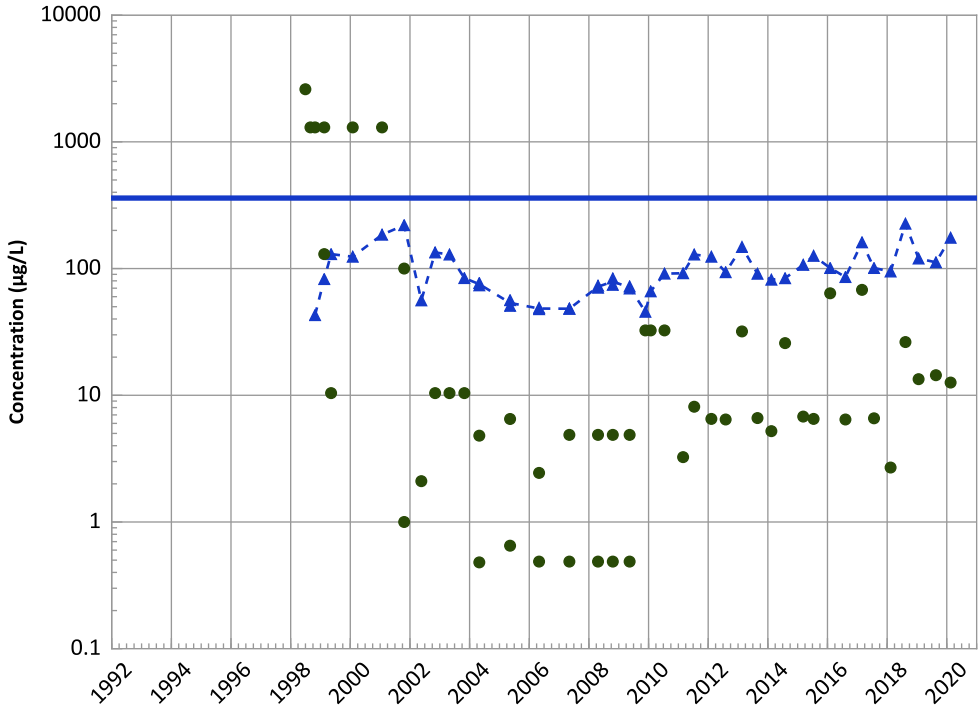


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

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



Concentration Trend

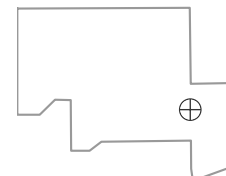
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

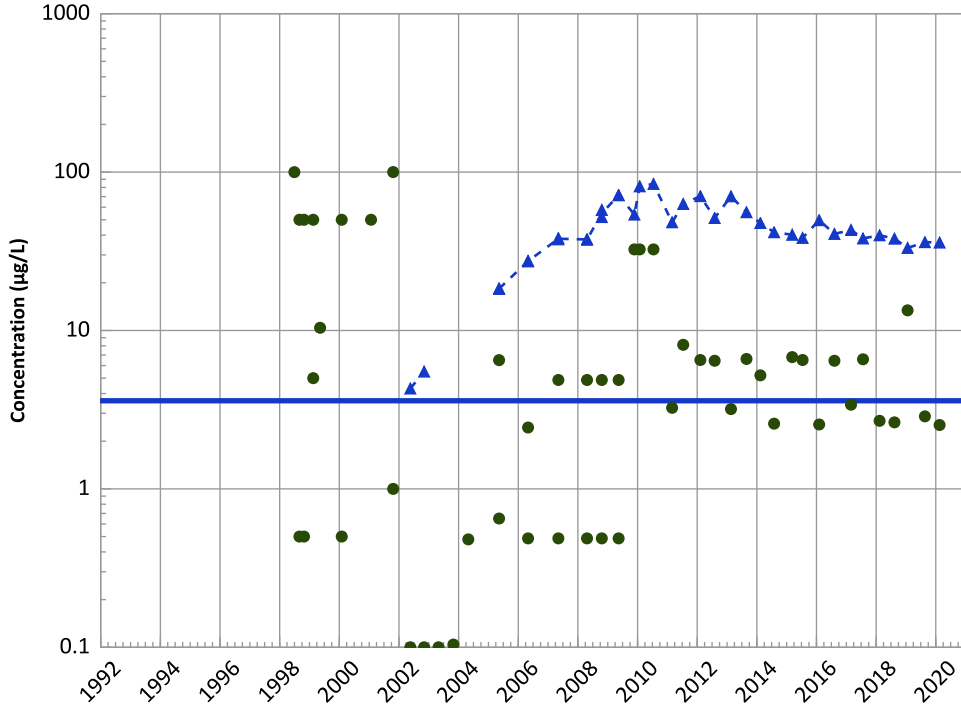
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



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

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

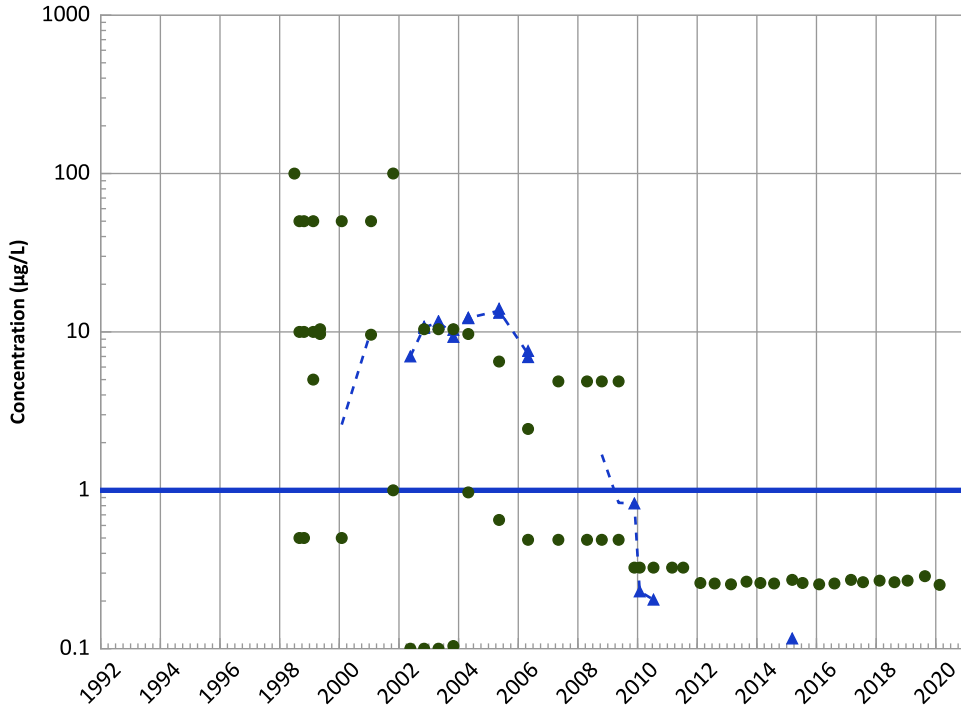
2018 - 2020 Data:

Stable

All Data:

Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

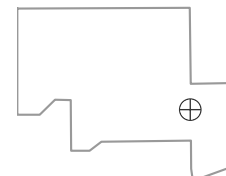
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

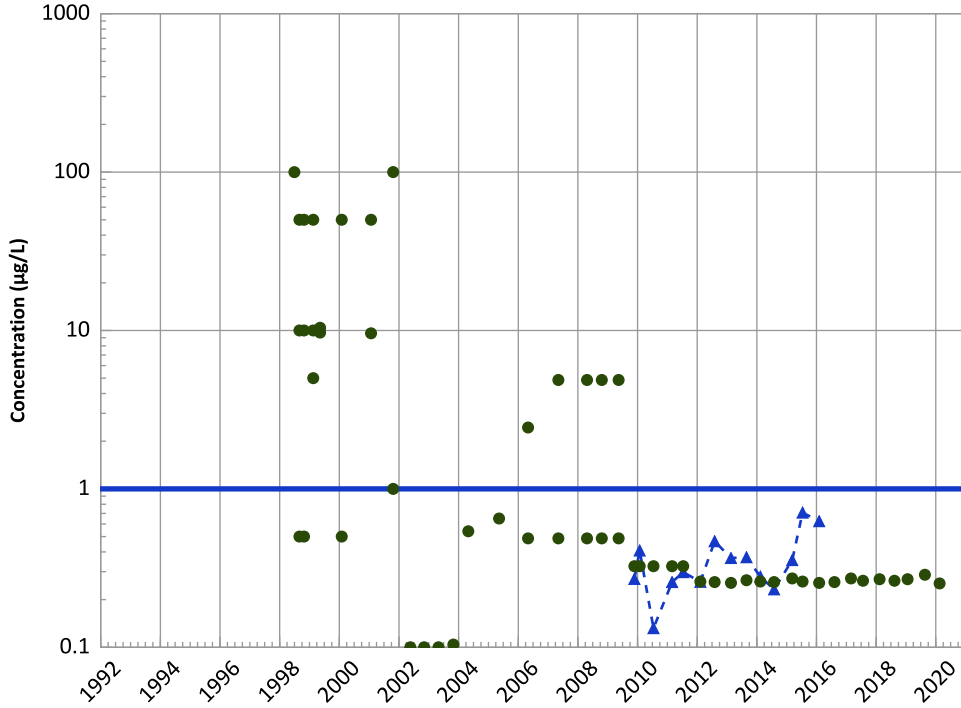
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

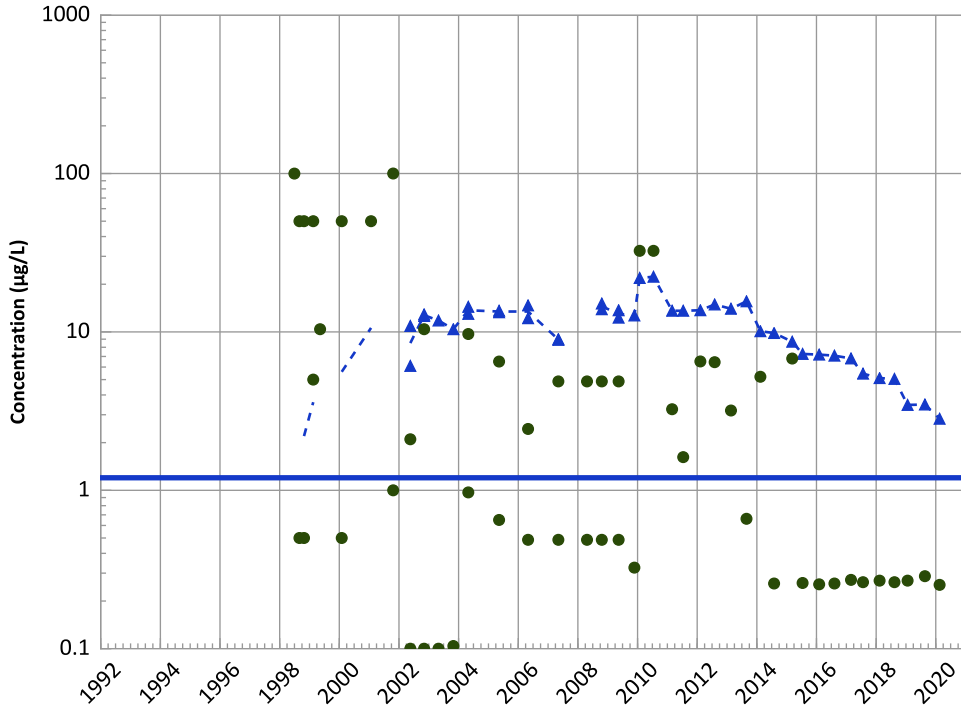
2018 - 2020 Data:

Probably Increasing

All Data:

No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

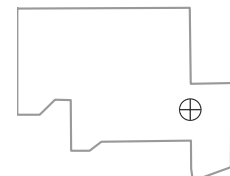
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

Well Location

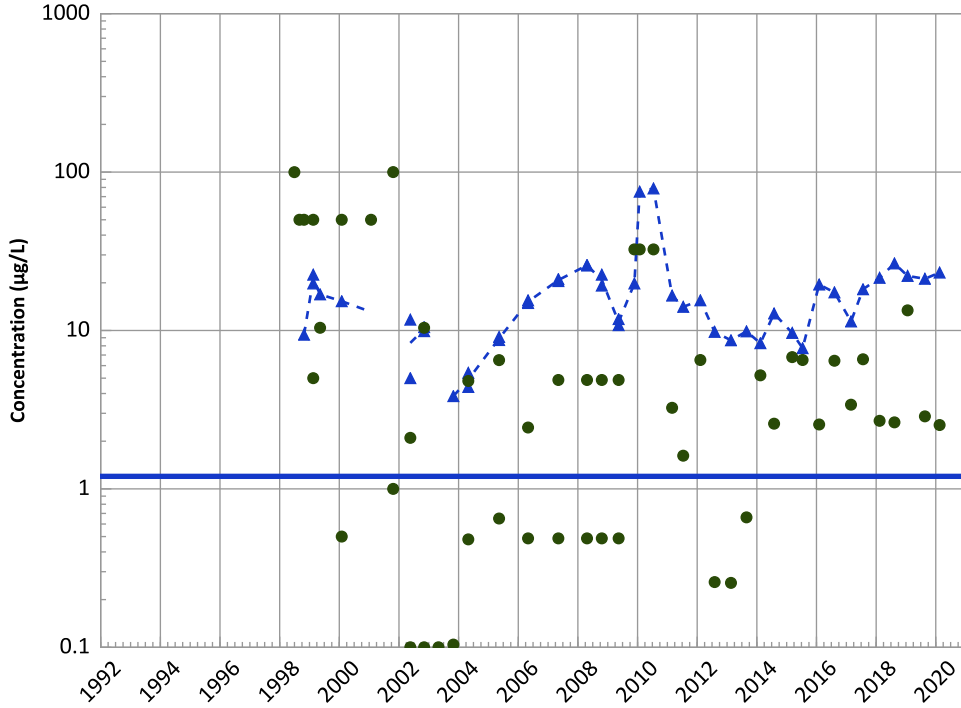


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

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

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

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

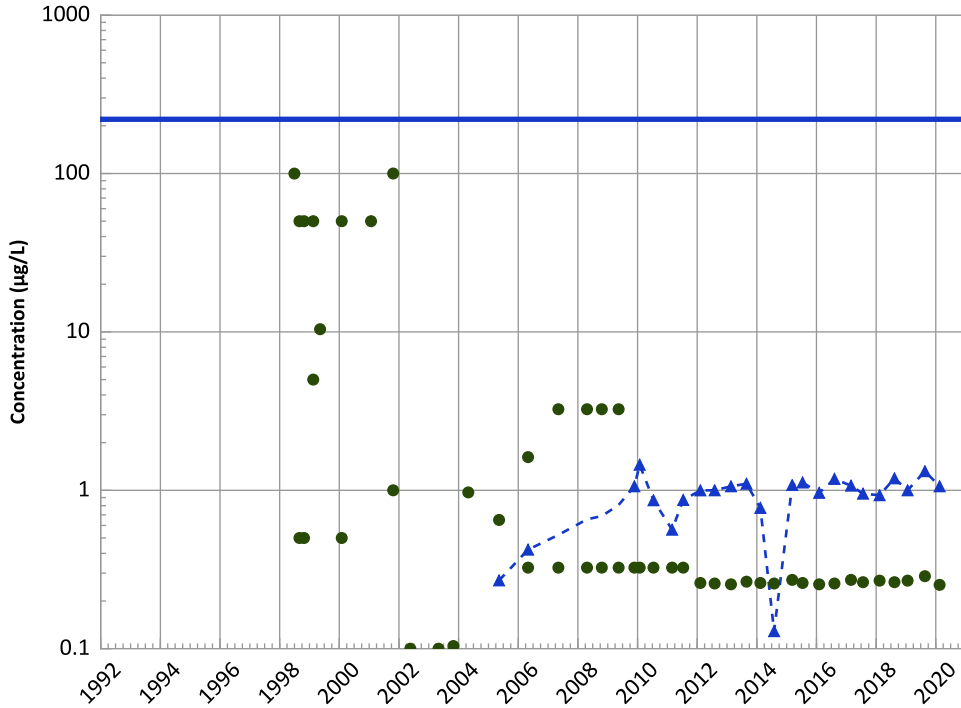
2018 - 2020 Data:

Stable

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

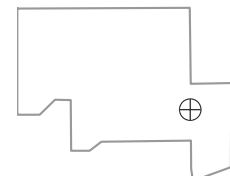
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

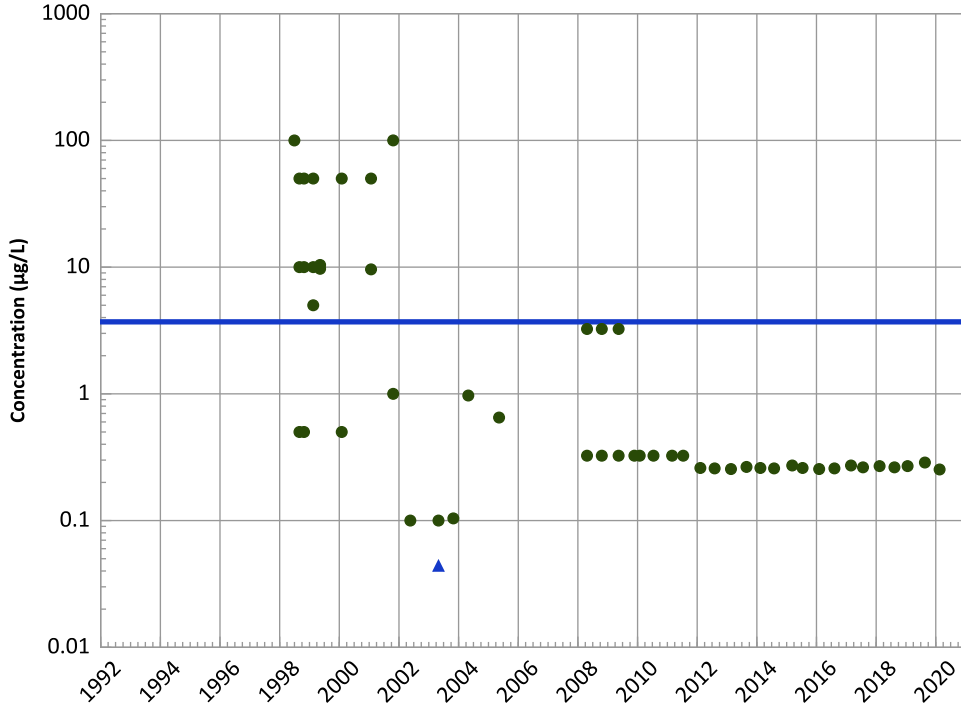


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

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

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

1,3-Dinitrobenzene Trend



Concentration Trend

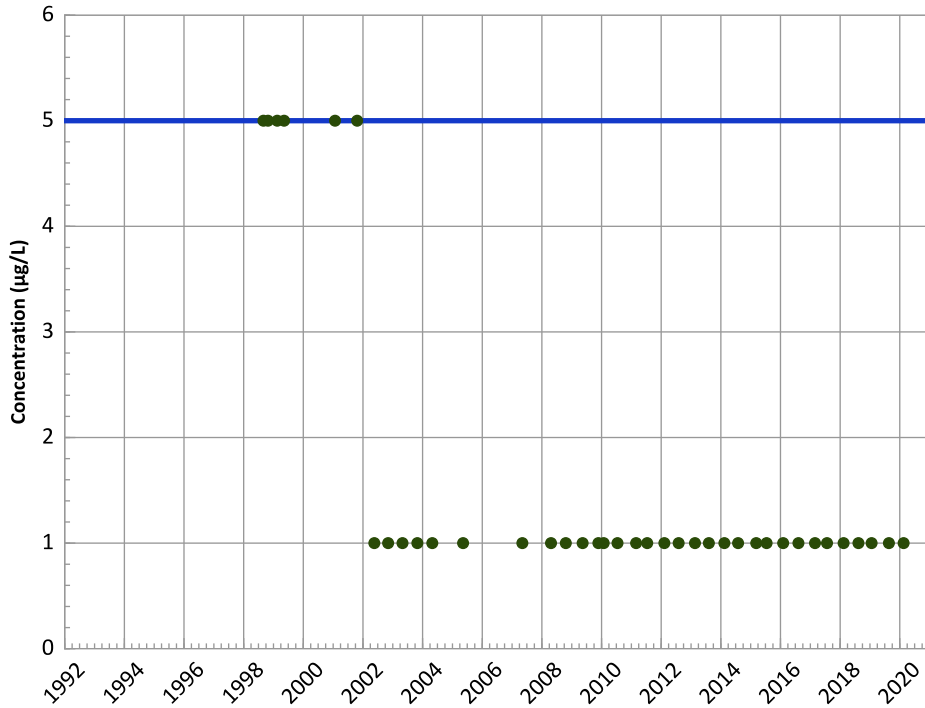
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

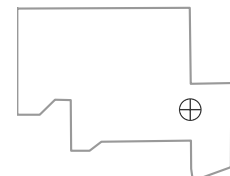
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

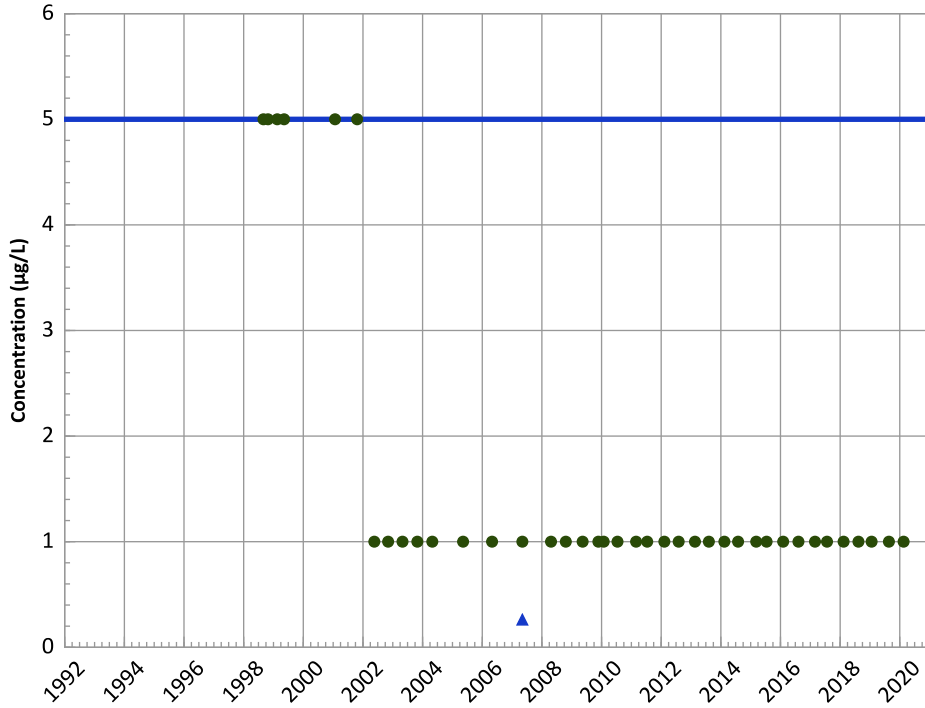


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

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

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

Trichloroethene Trend



Concentration Trend

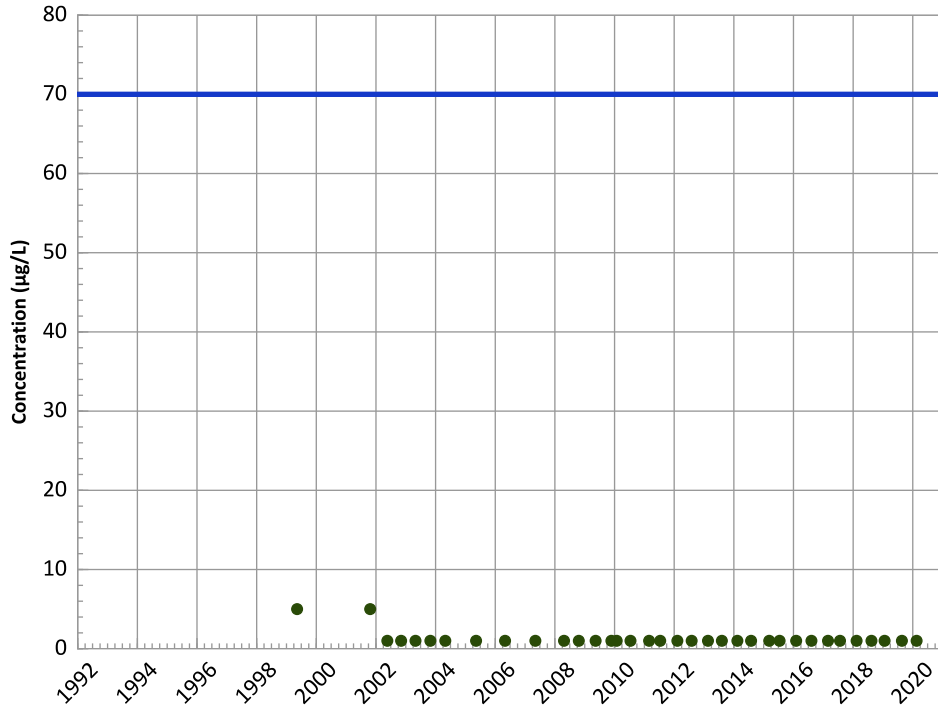
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

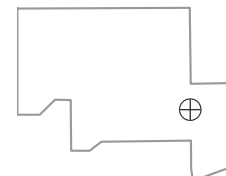
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

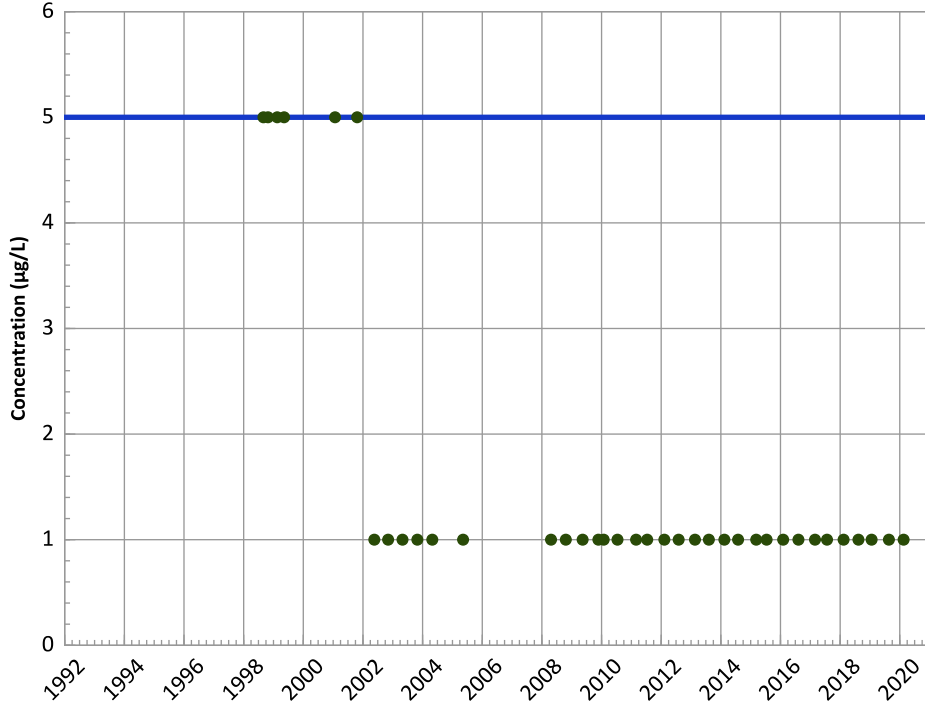


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

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

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

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

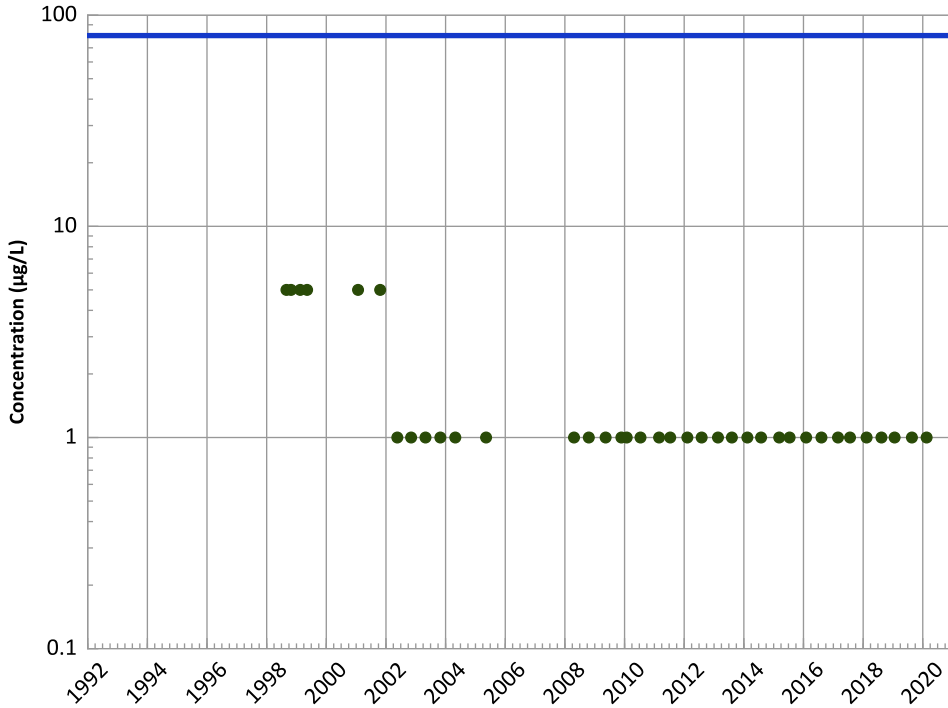
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

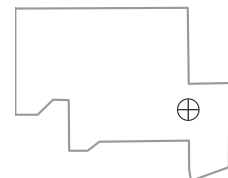
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

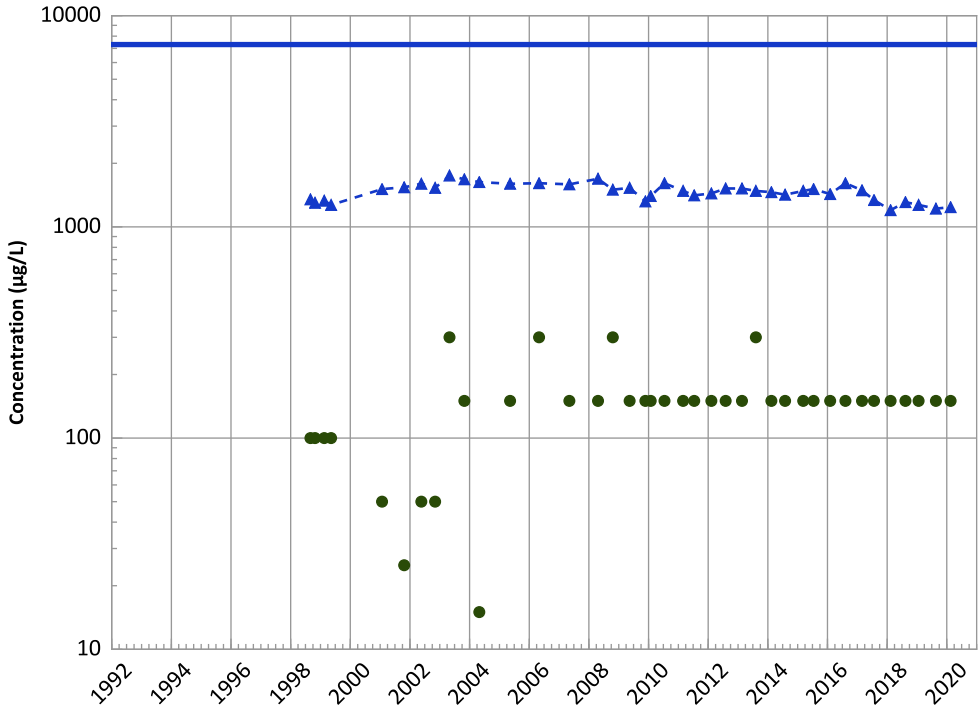
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

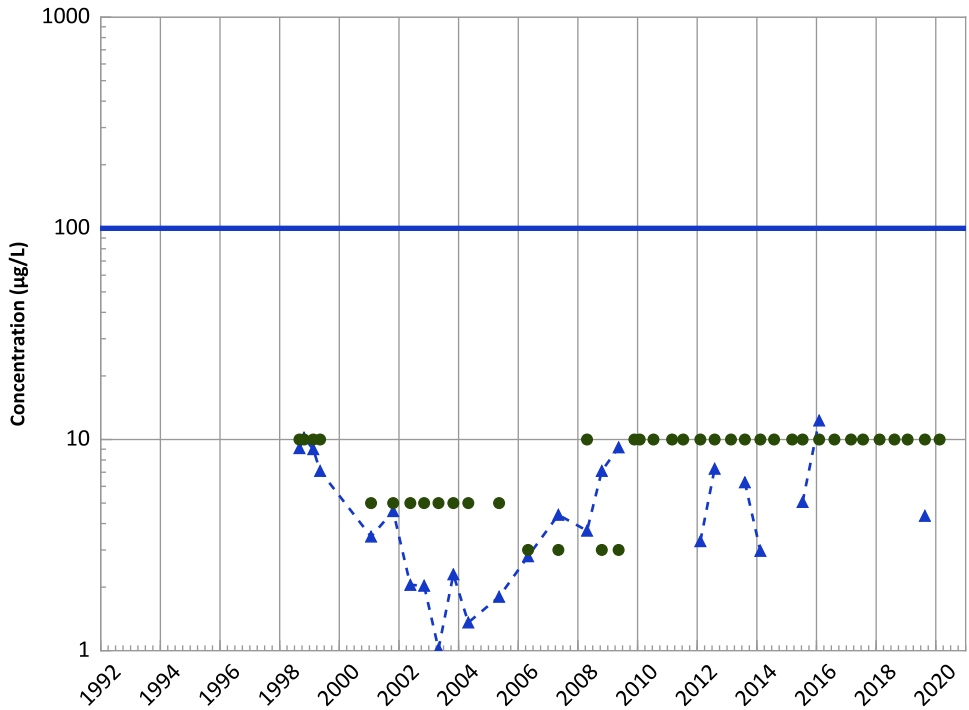
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

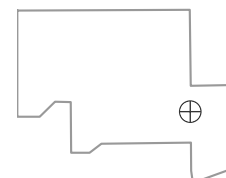
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

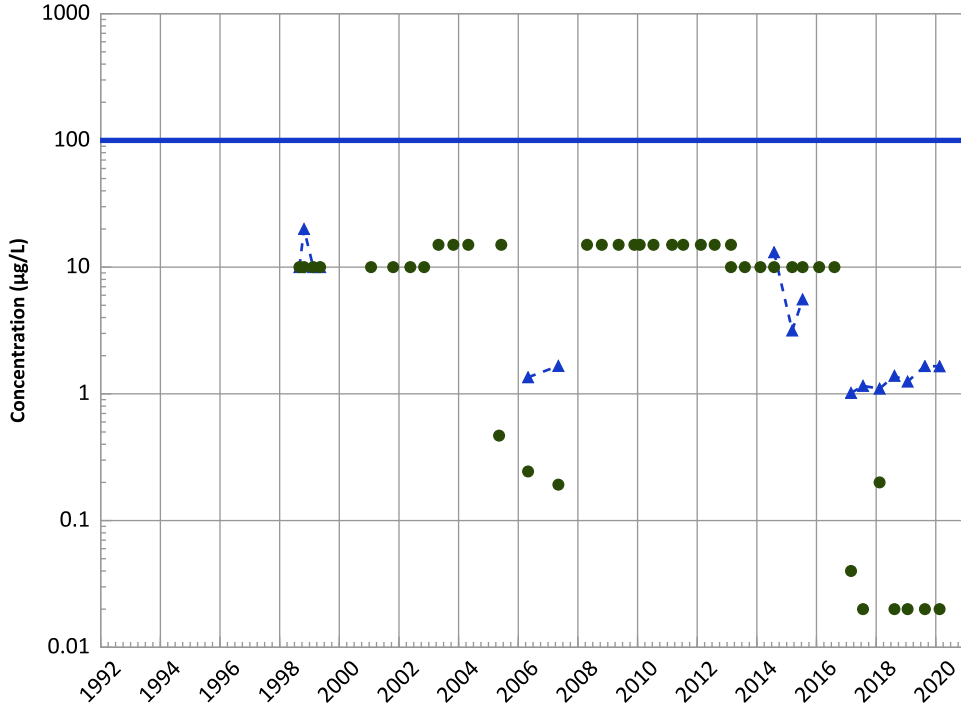
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

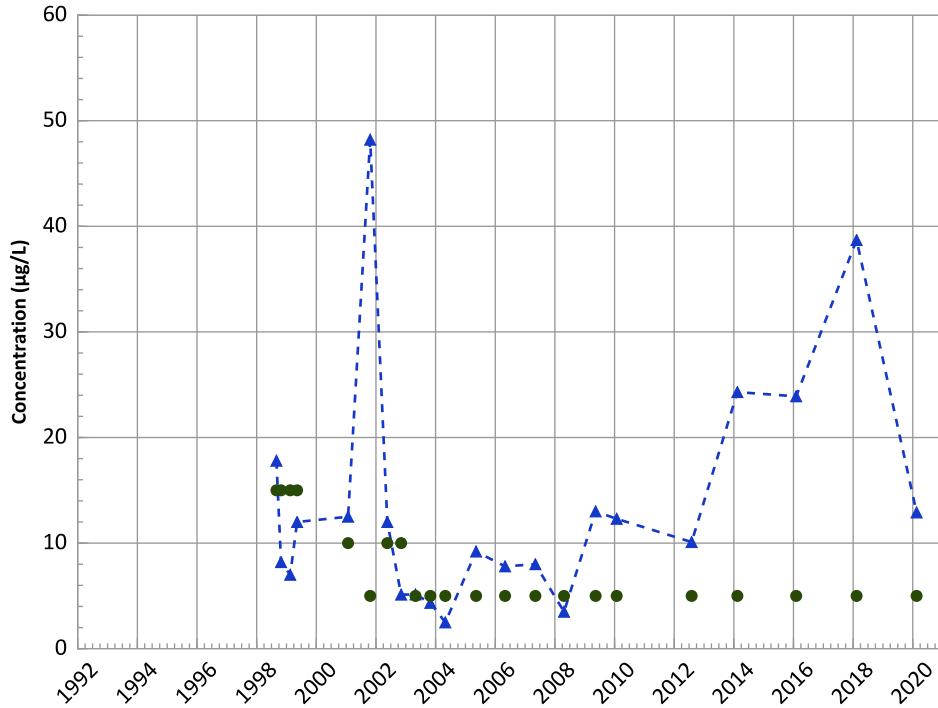
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

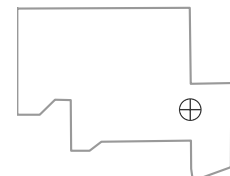
All Data:

Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

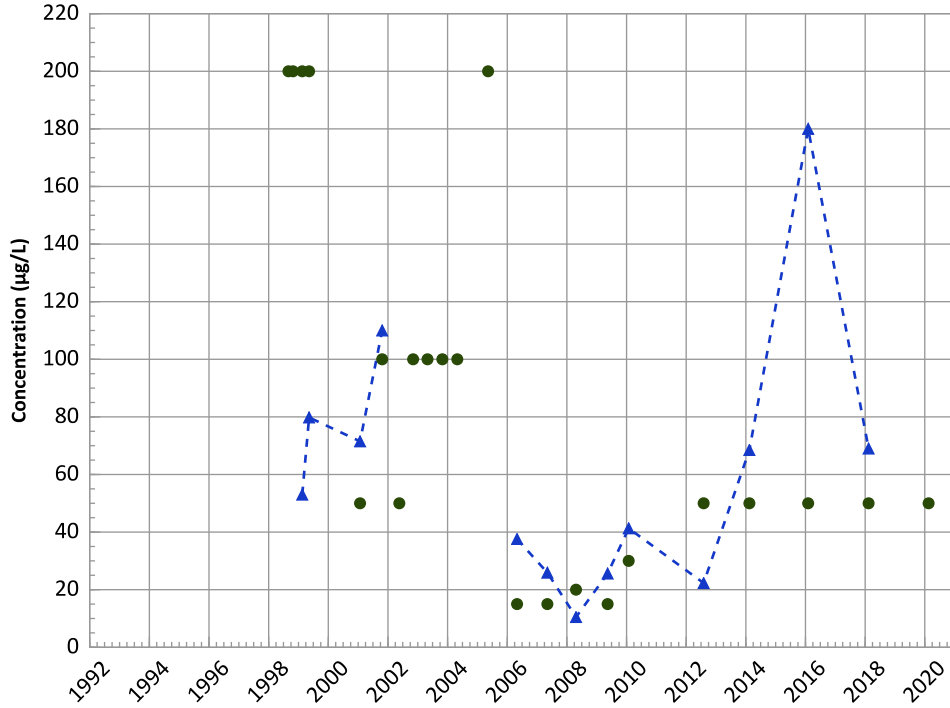
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Aluminum Trend

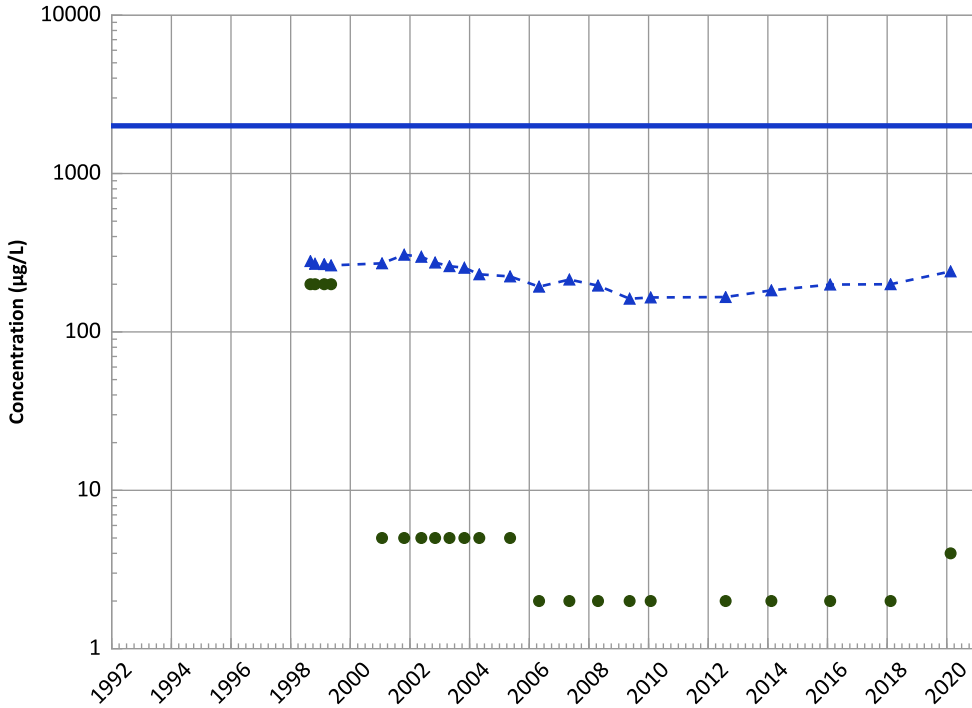


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Barium Trend



Concentration Trend

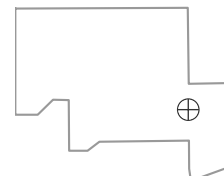
MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

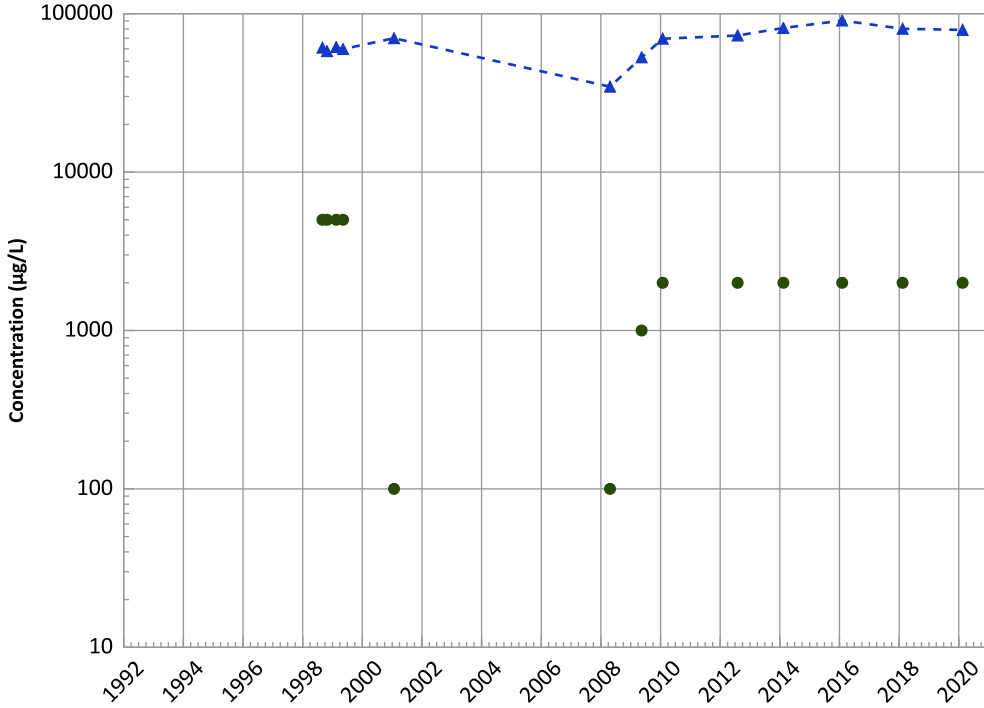
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

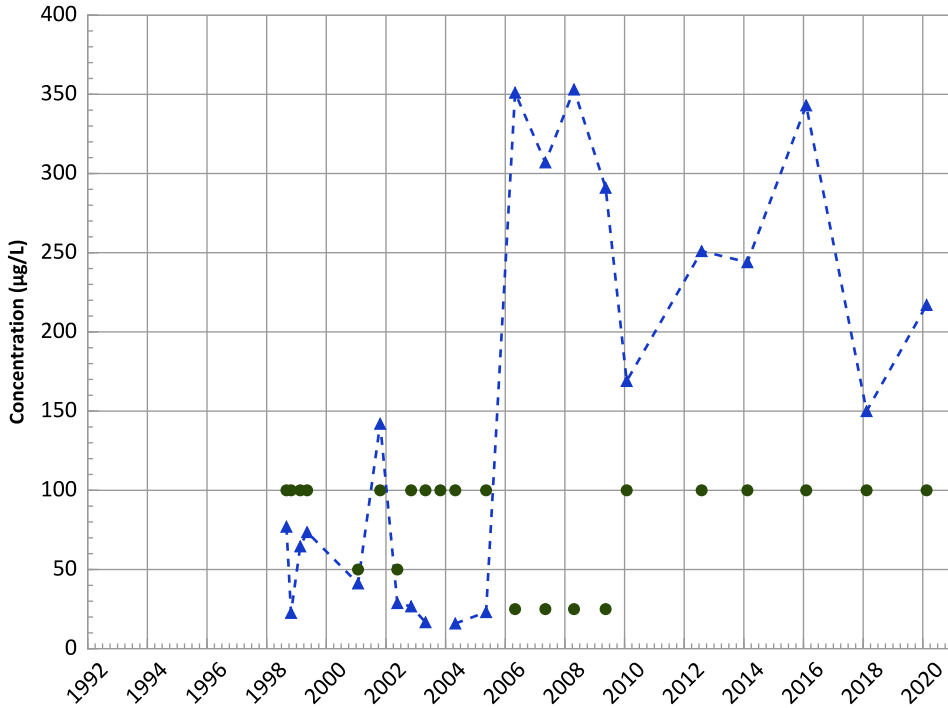
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

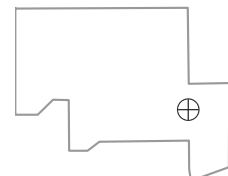
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

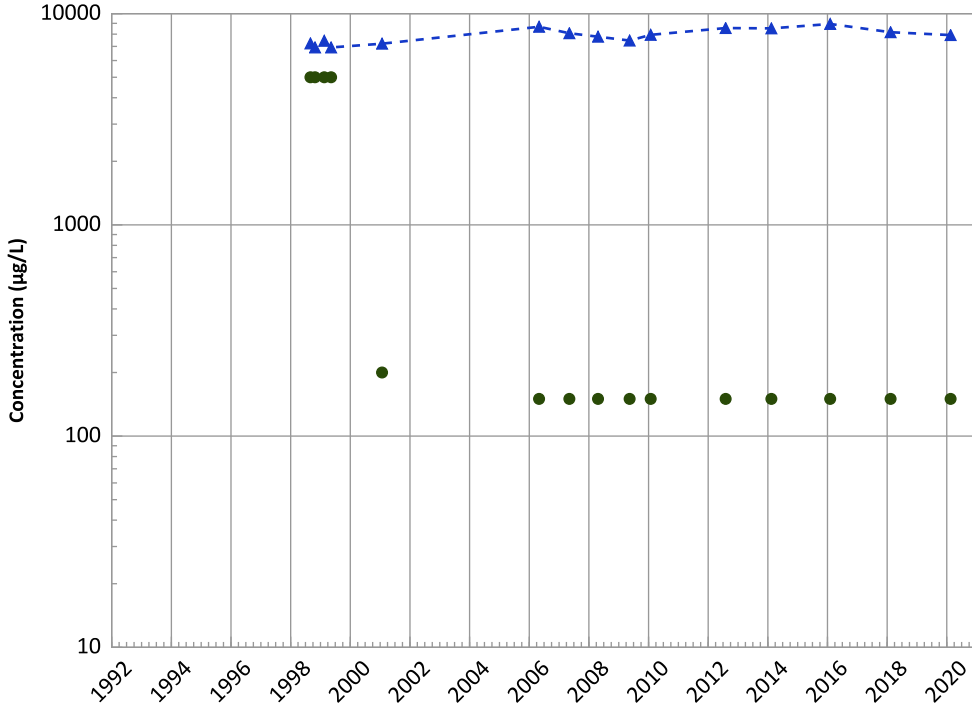
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

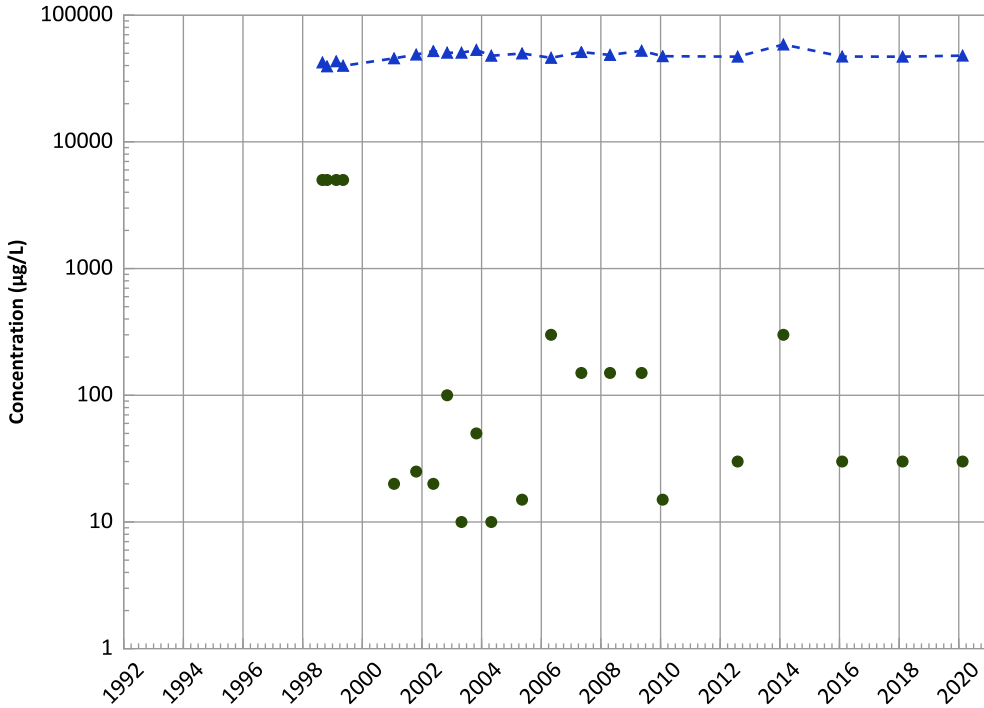
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

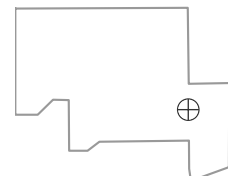
All Data:

Increasing

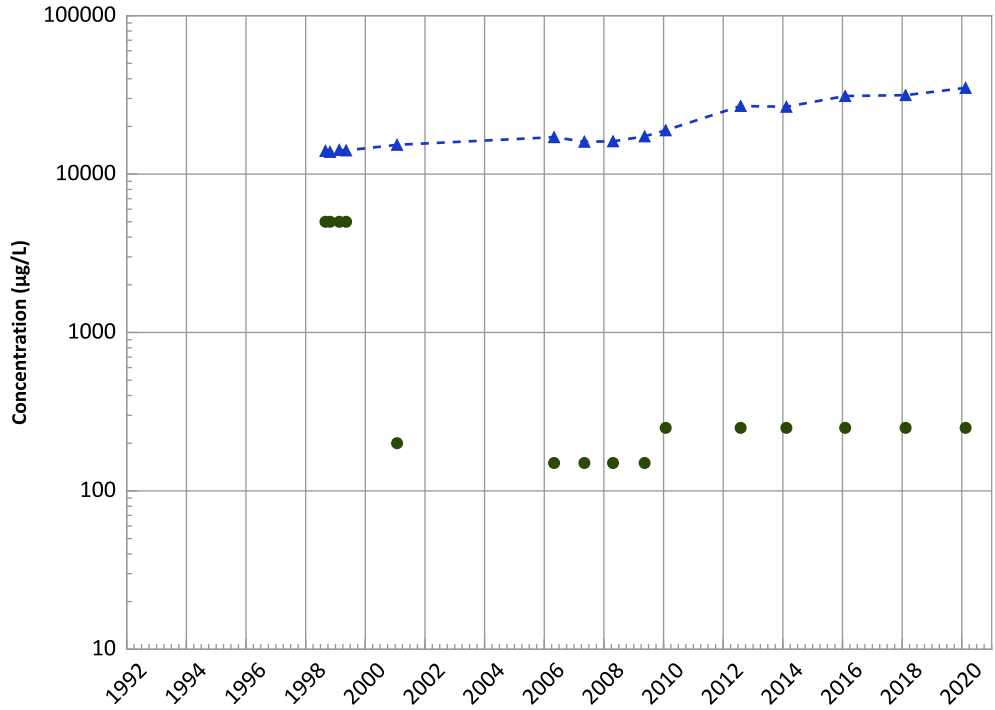
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 02/17/2020
Analysis Date: 06/03/2021

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

Well Location



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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

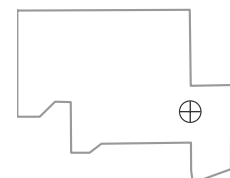
2018 - 2020 Data:

Increasing

All Data:

Increasing

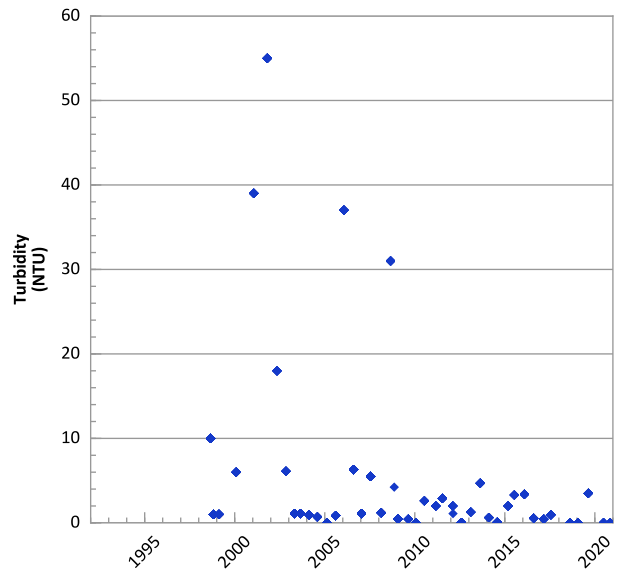
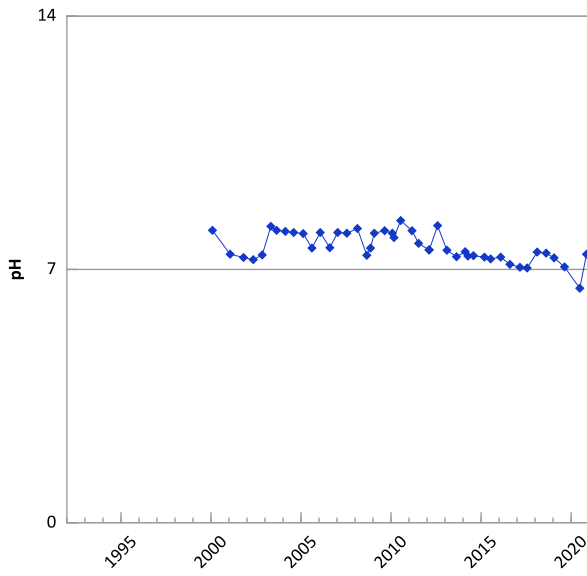
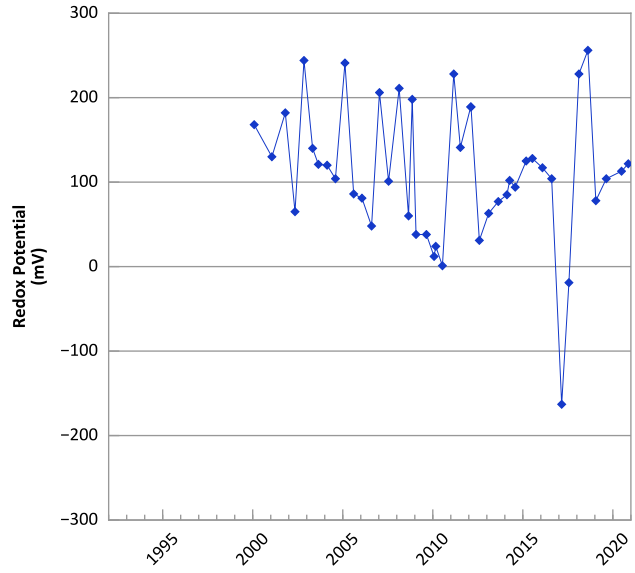
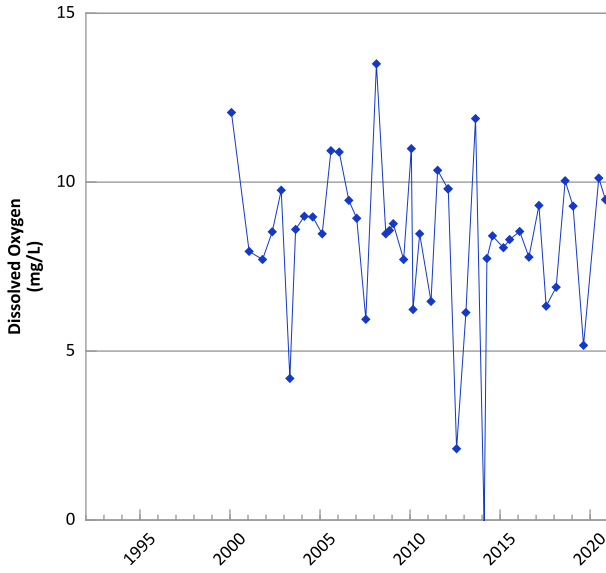
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/30/1998 to 02/17/2020
 Analysis Date: 06/03/2021

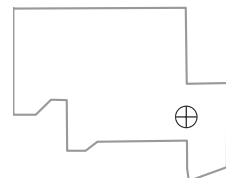
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



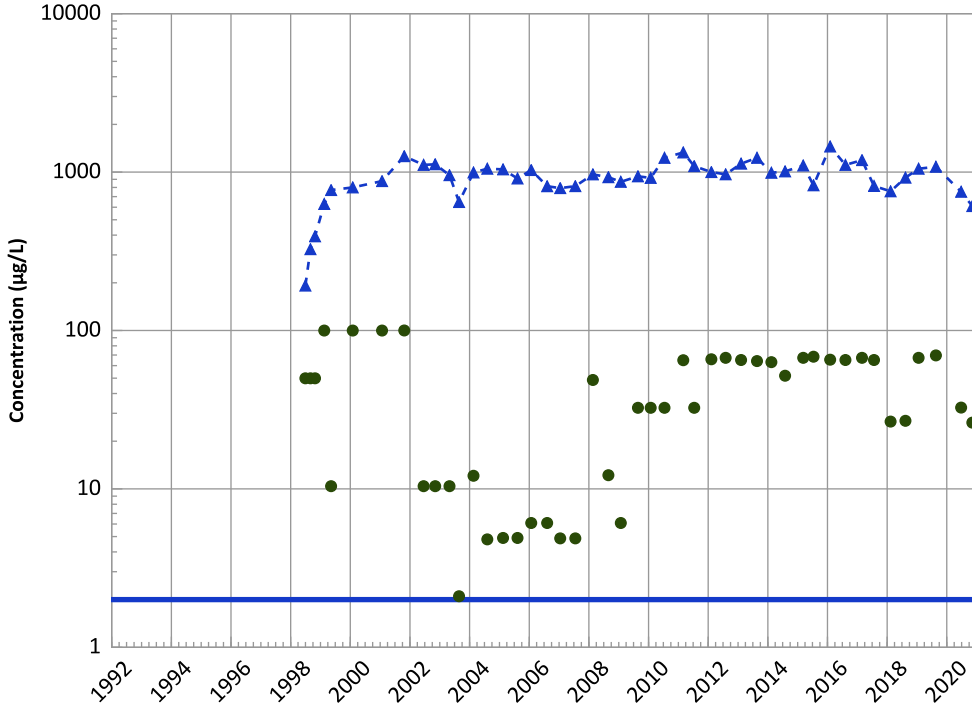
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/30/1998 to 11/09/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

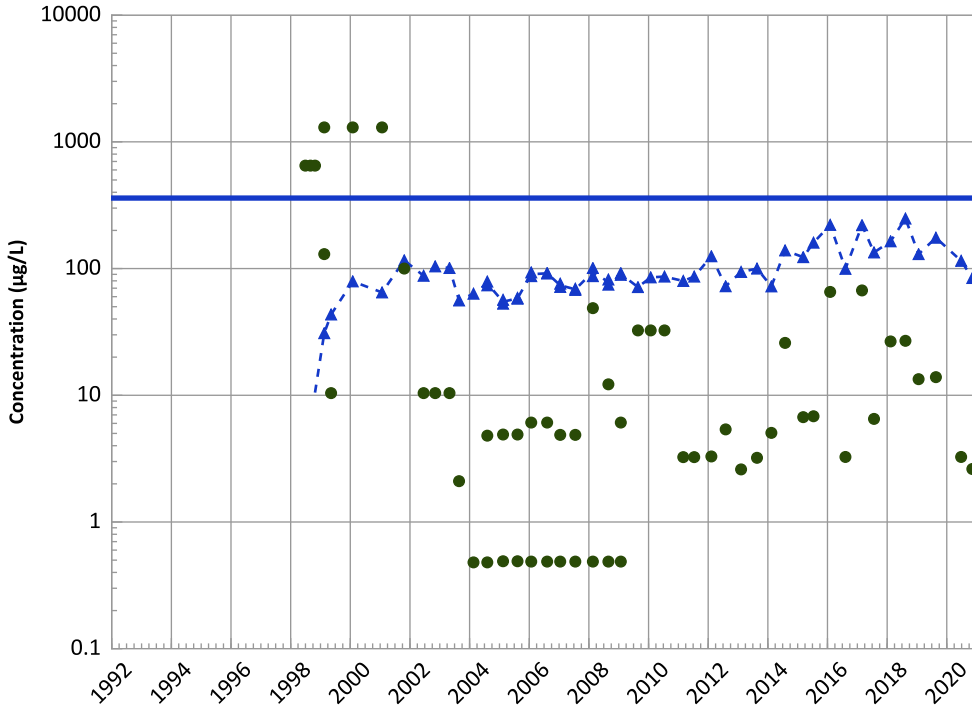
2018 - 2020 Data:

Decreasing

All Data:

Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

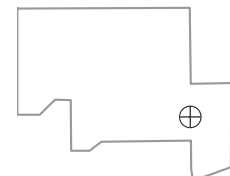
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

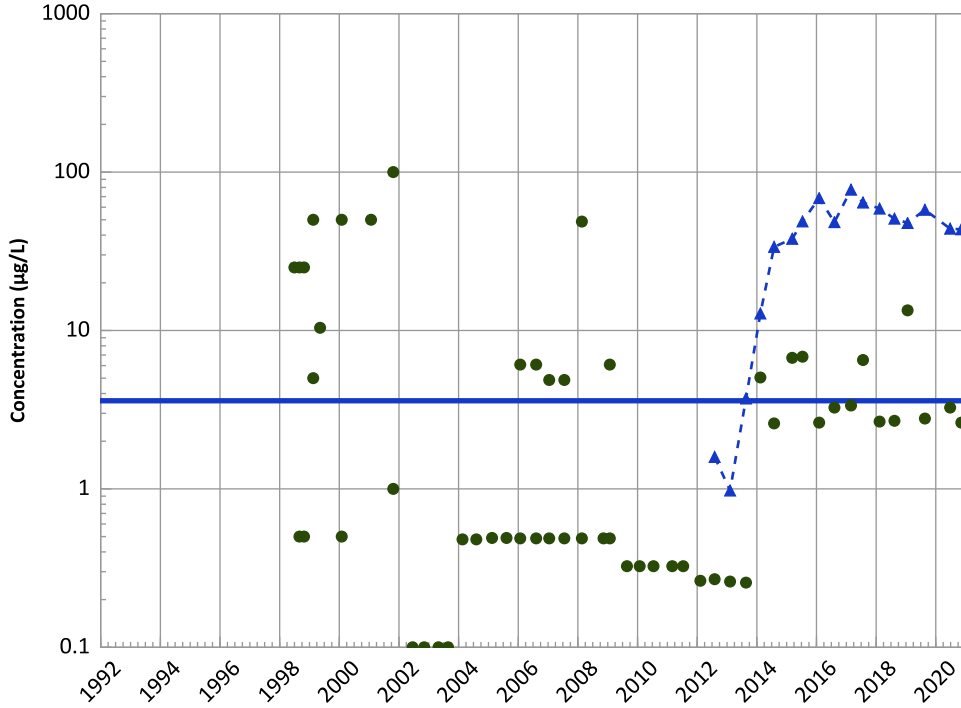


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

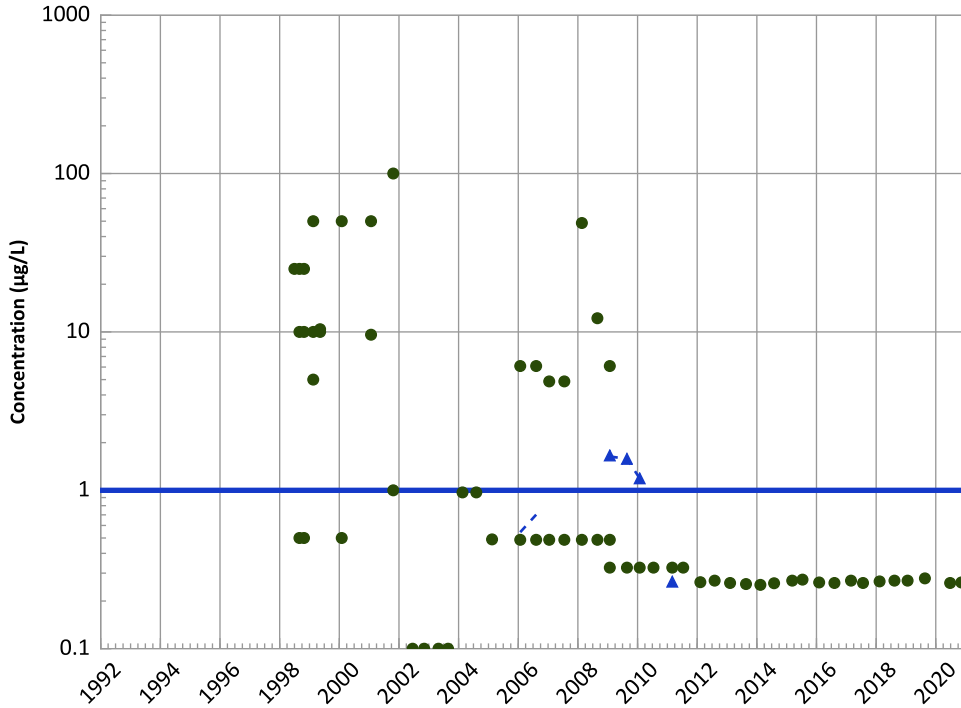
2018 - 2020 Data:

Stable

All Data:

Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

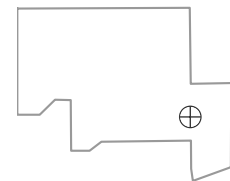
2018 - 2020 Data:

Decreasing

All Data:

Stable

Well Location

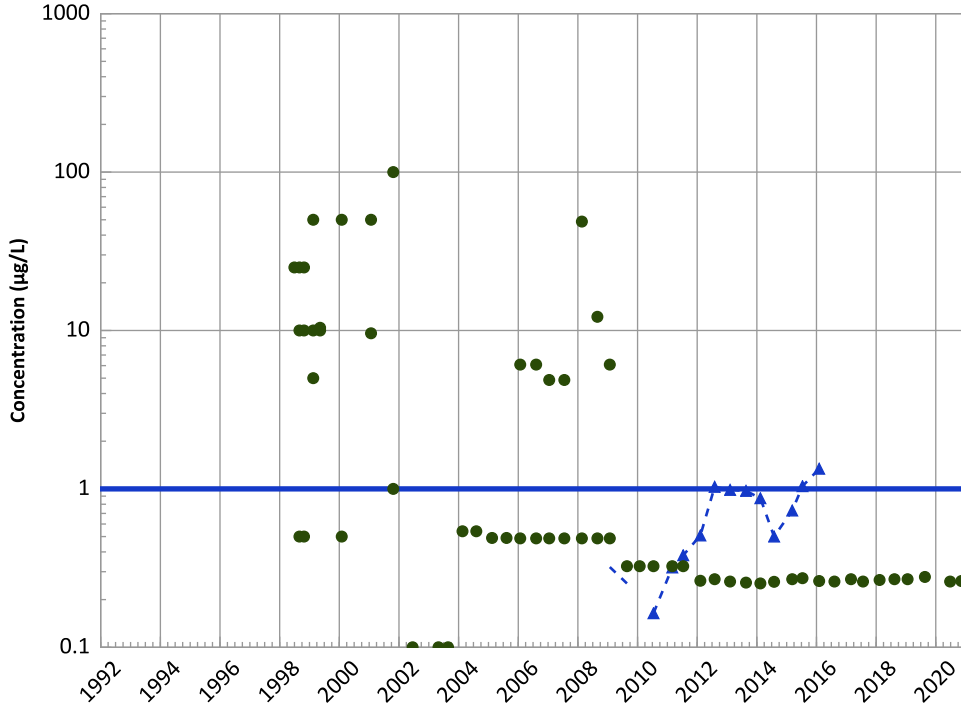


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

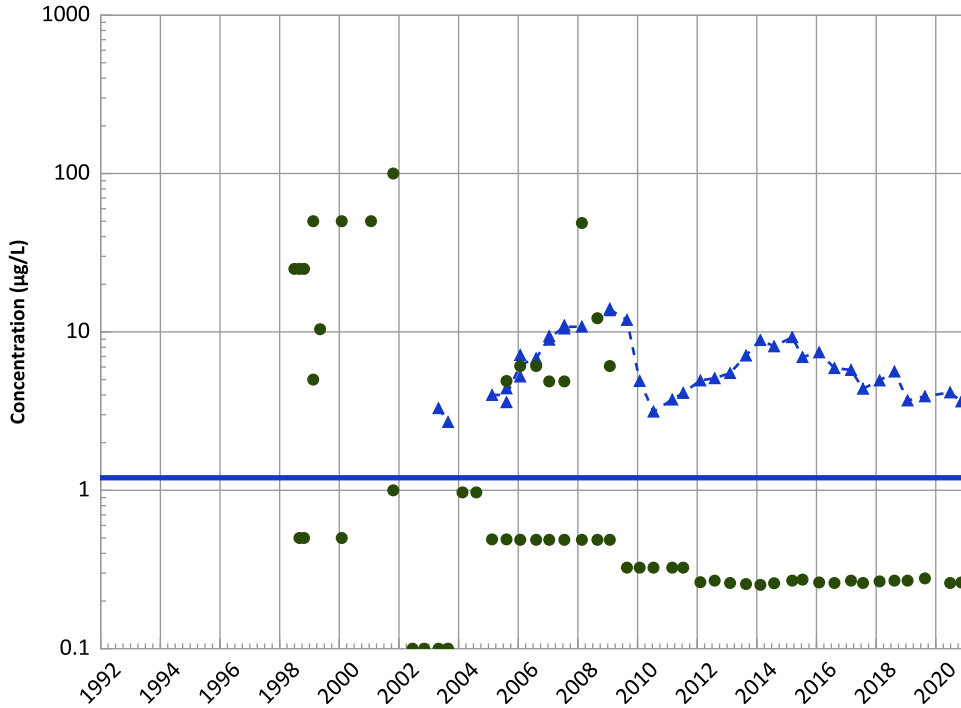
2018 - 2020 Data:

Increasing

All Data:

Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

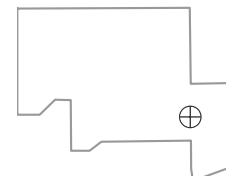
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

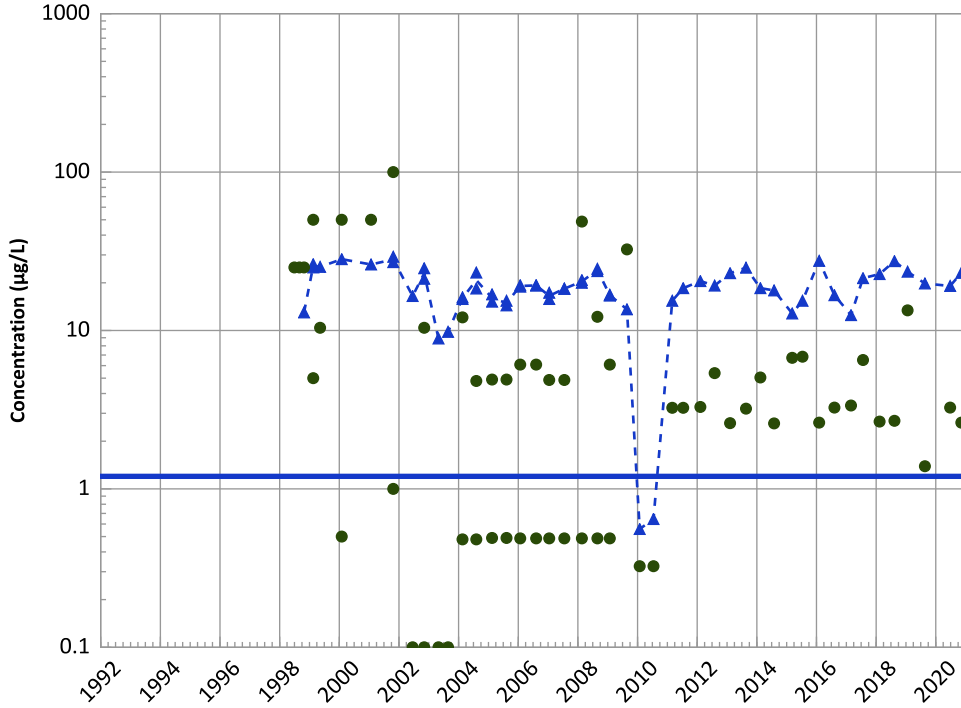
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

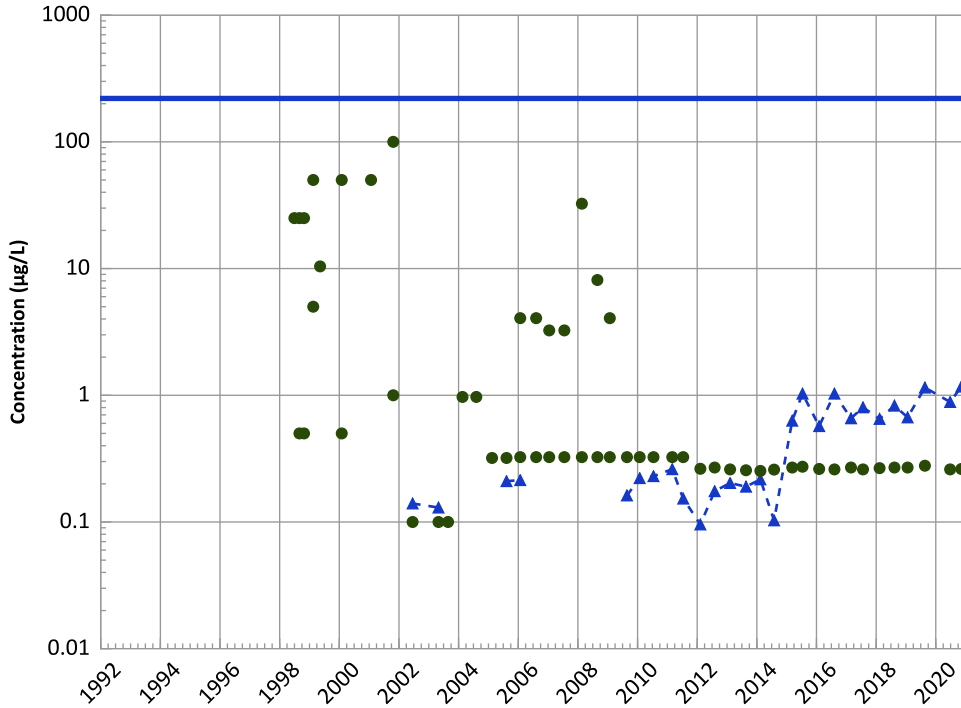
2018 - 2020 Data:

Stable

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

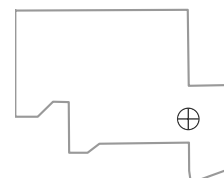
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

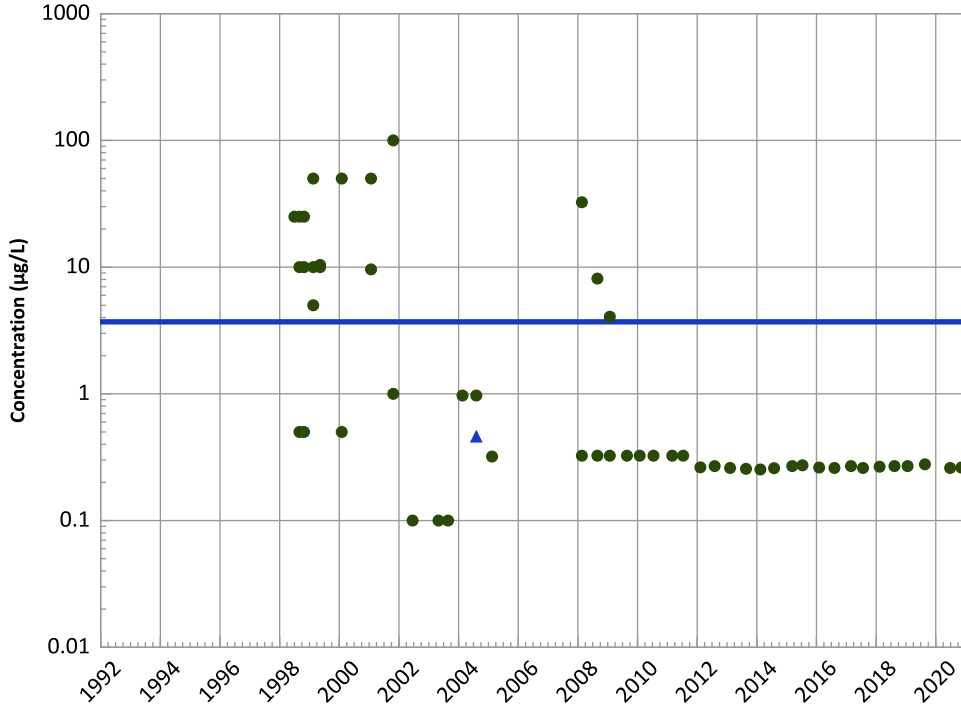
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

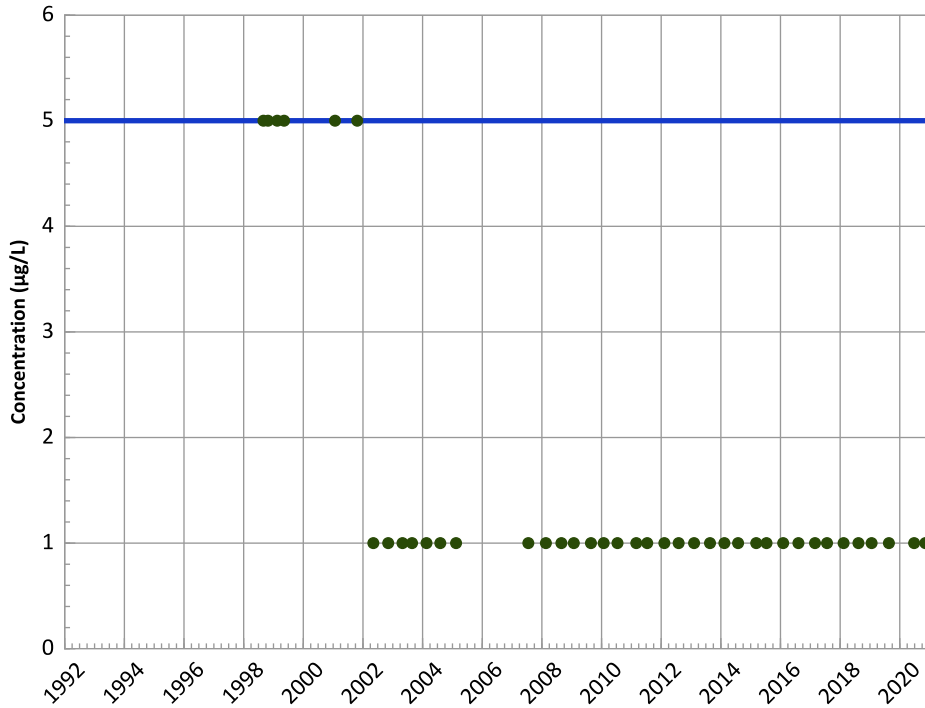
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

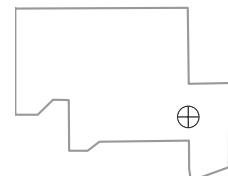
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

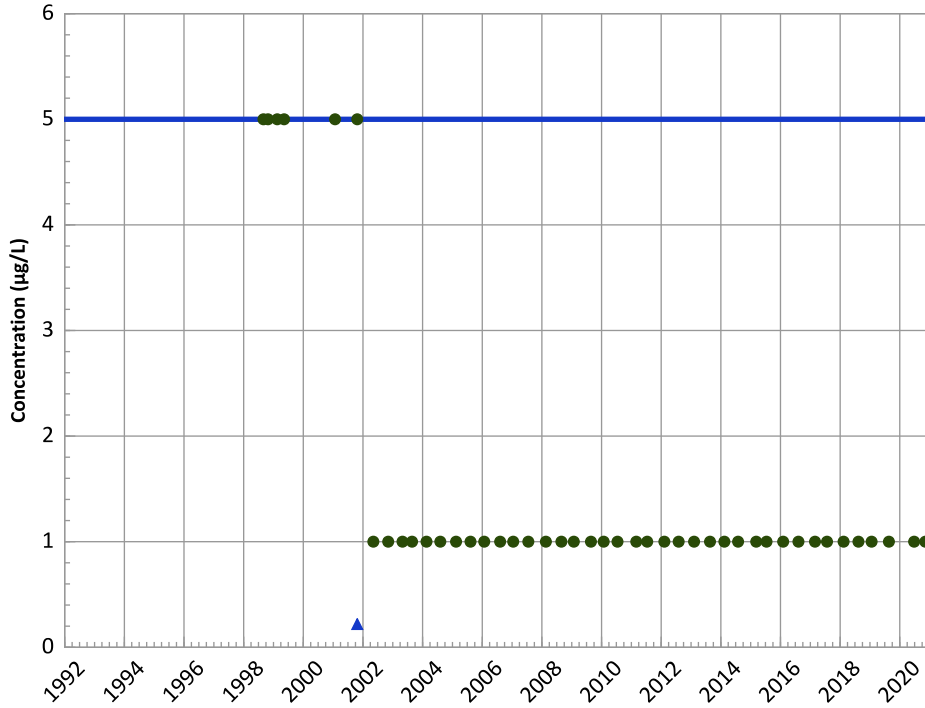
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

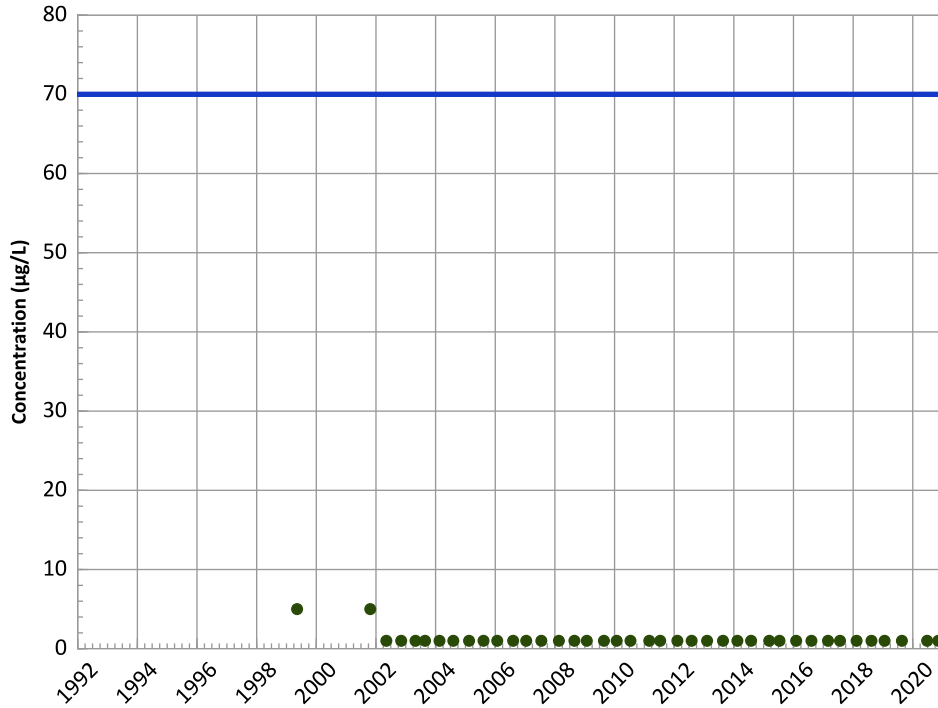
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

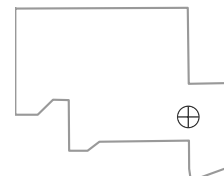
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

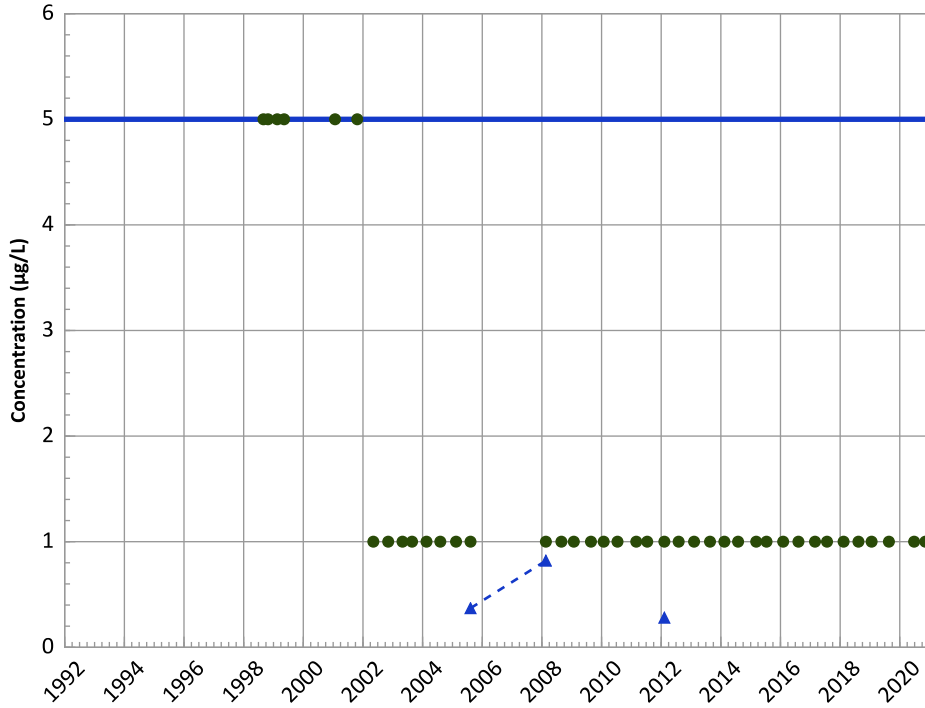
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

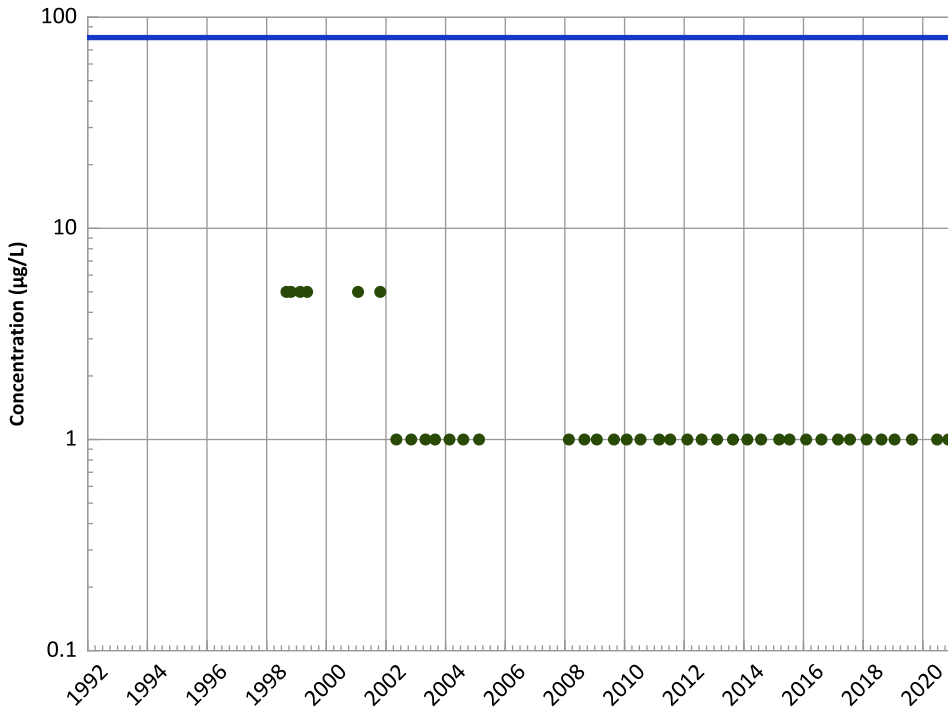
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Stable

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

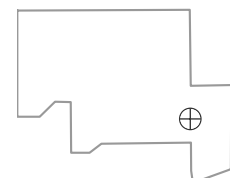
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

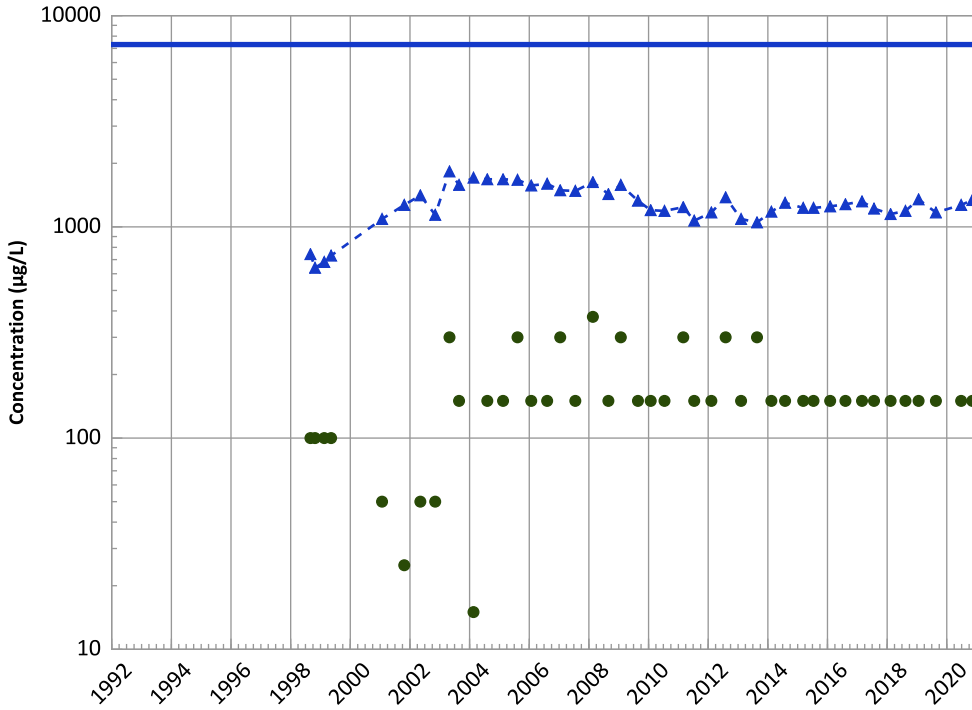


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

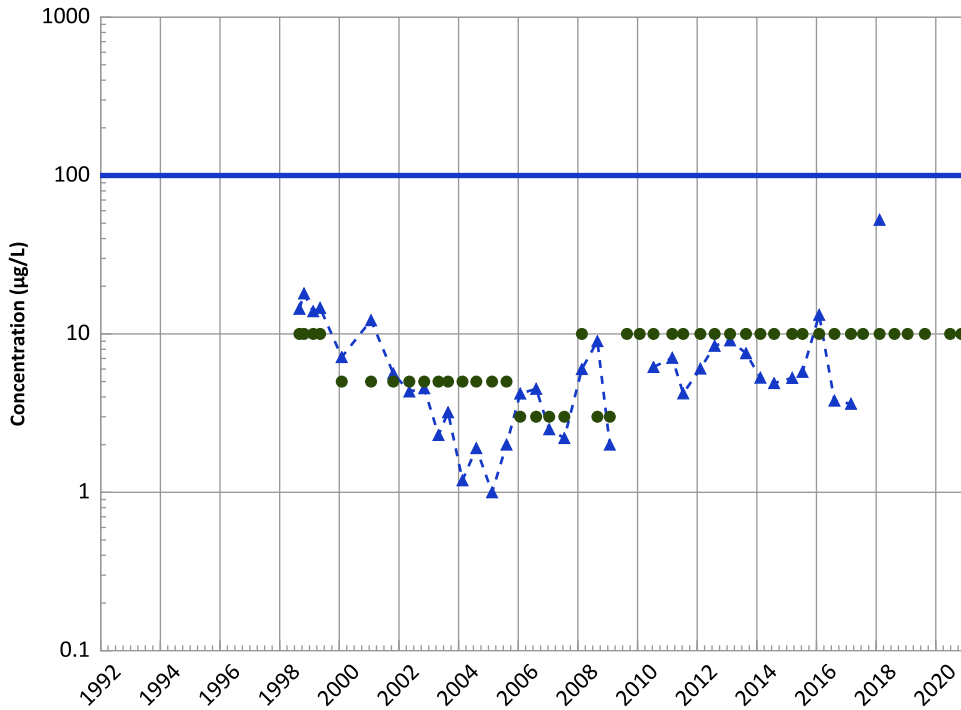
2018 - 2020 Data:

No Trend

All Data:

No Trend

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

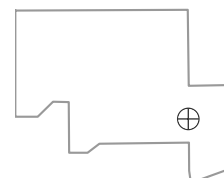
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

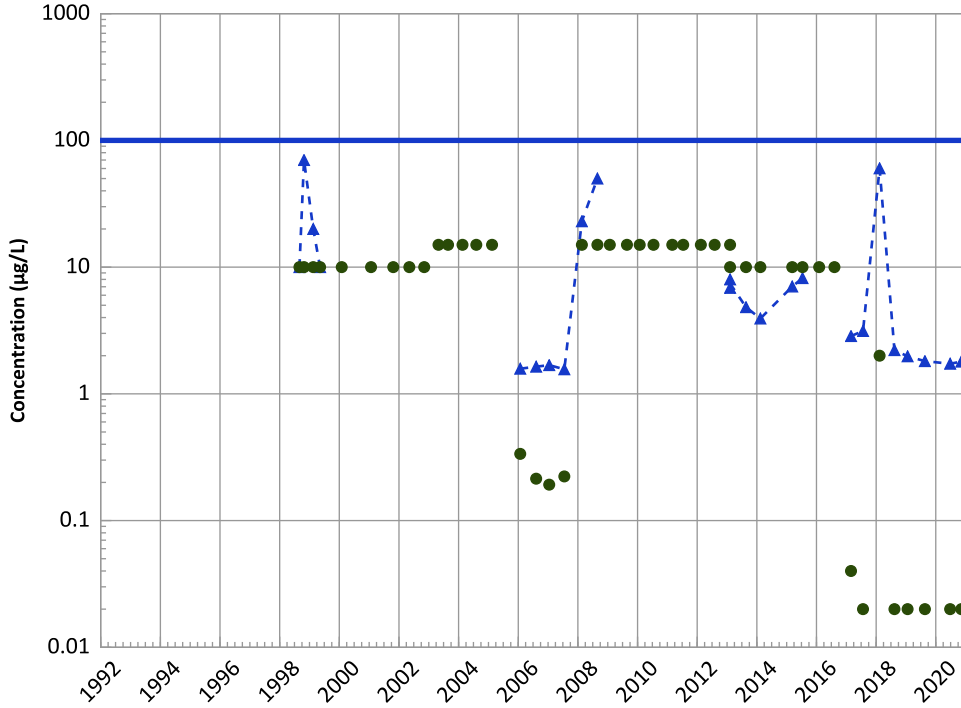
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

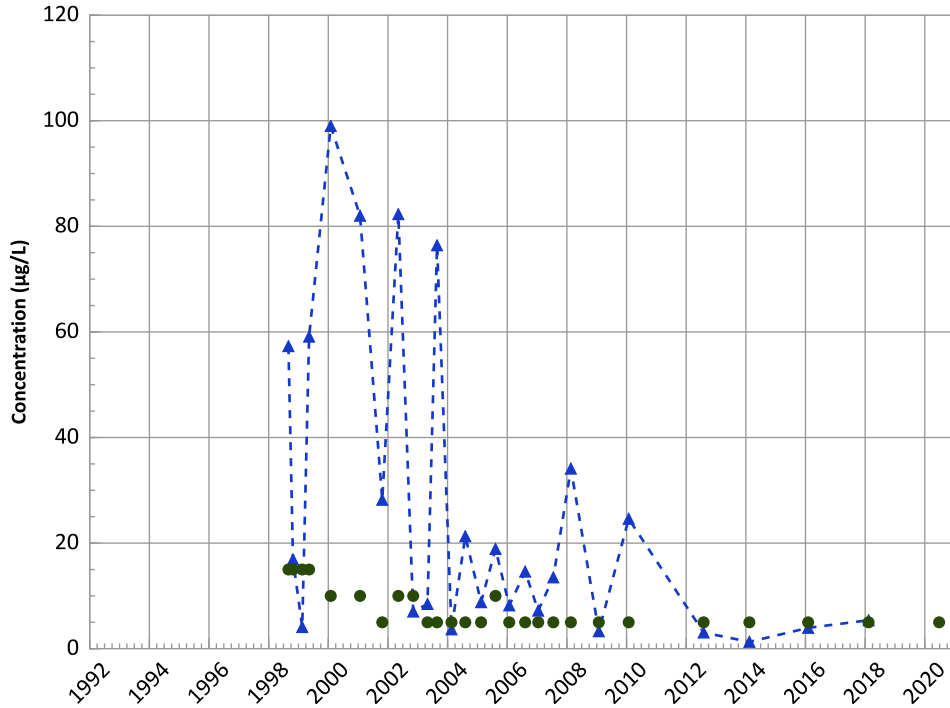
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

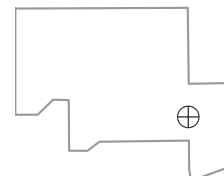
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

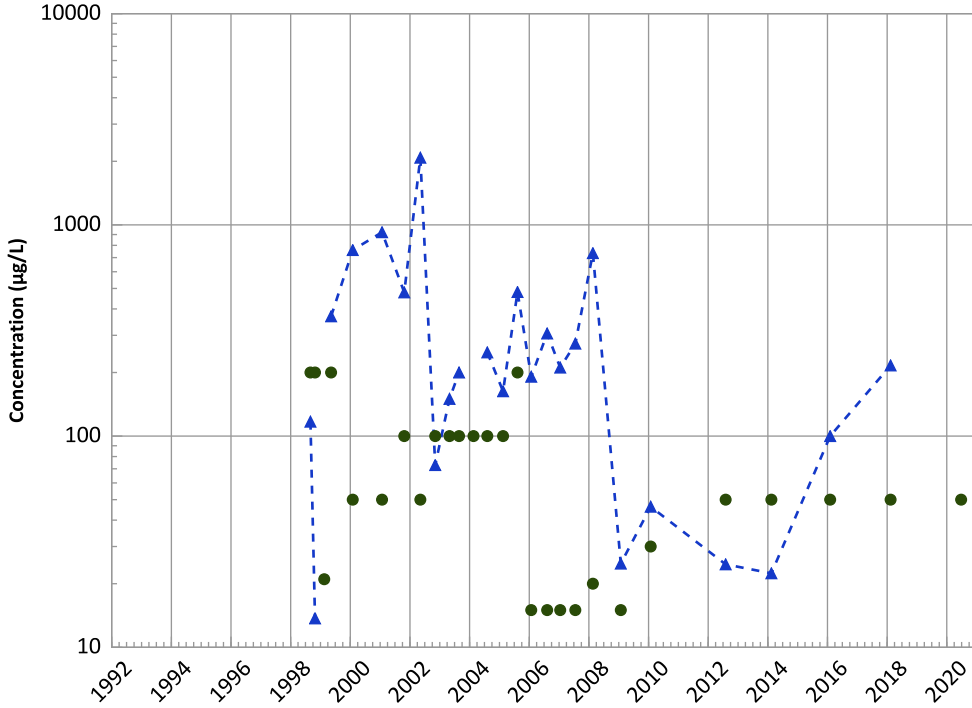
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

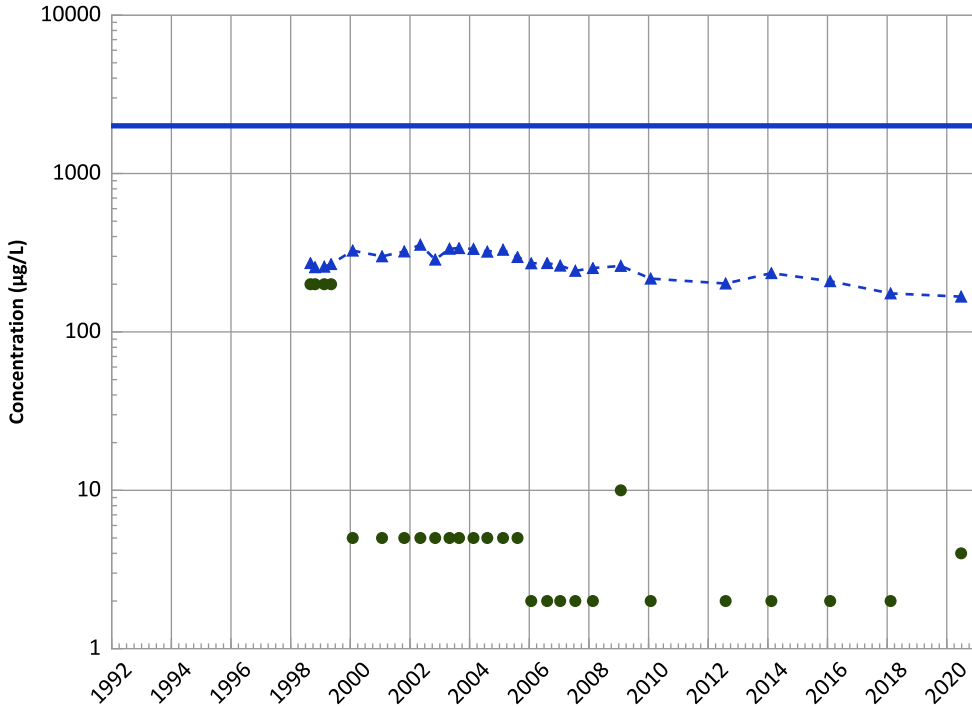


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Probably Decreasing

Barium Trend



Concentration Trend

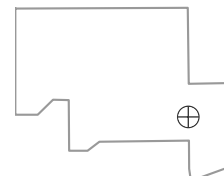
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

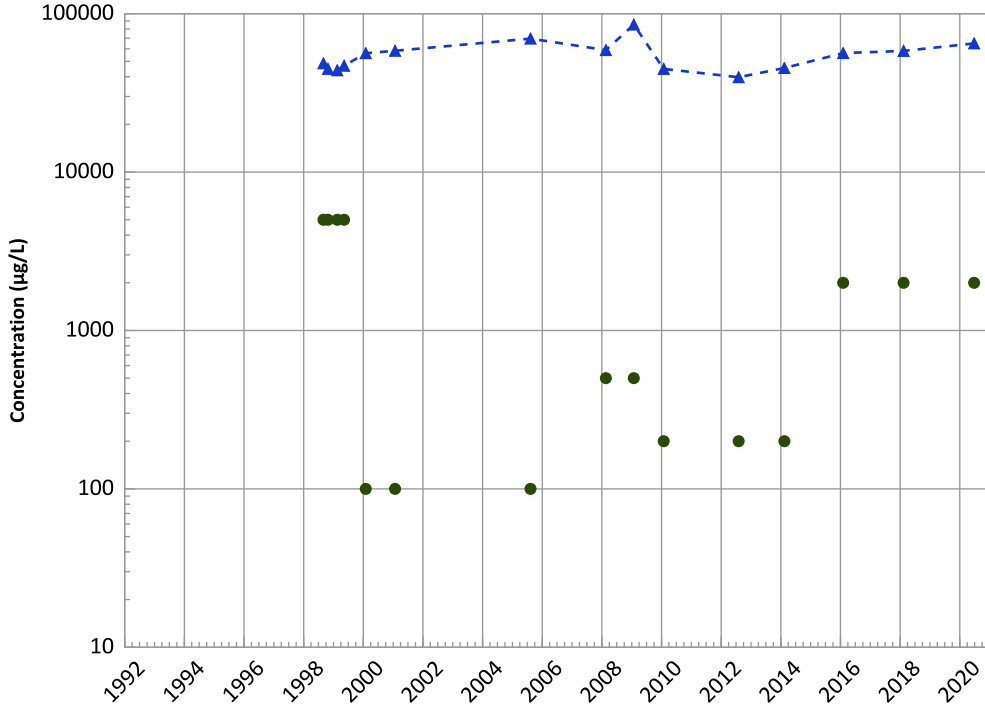
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

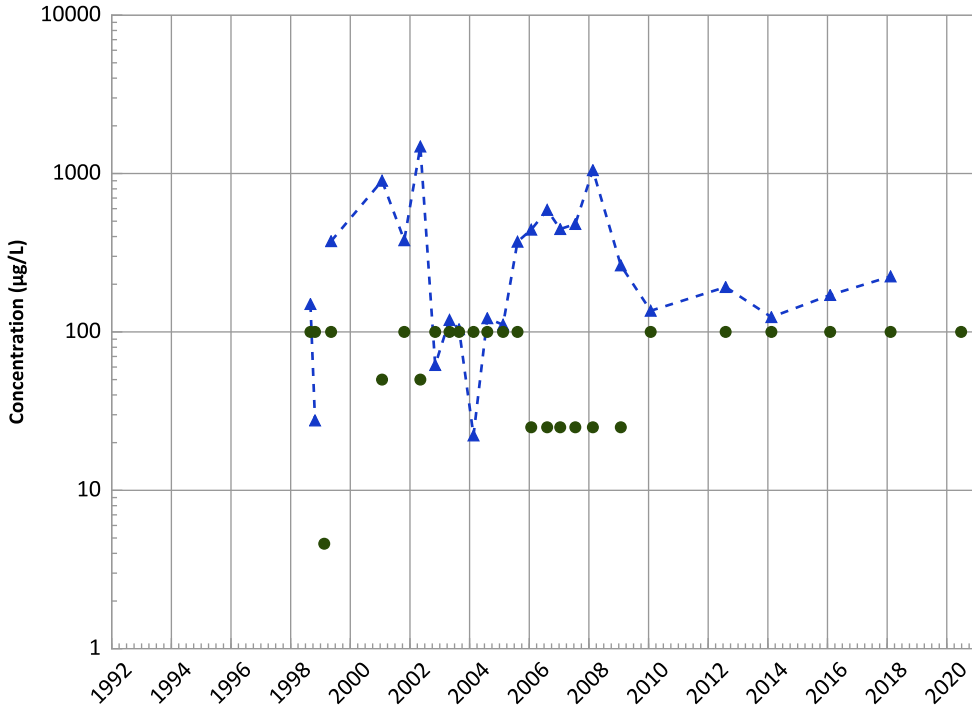
2018 - 2020 Data:

Increasing

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

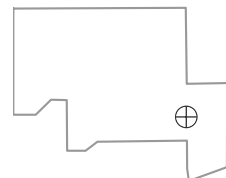
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

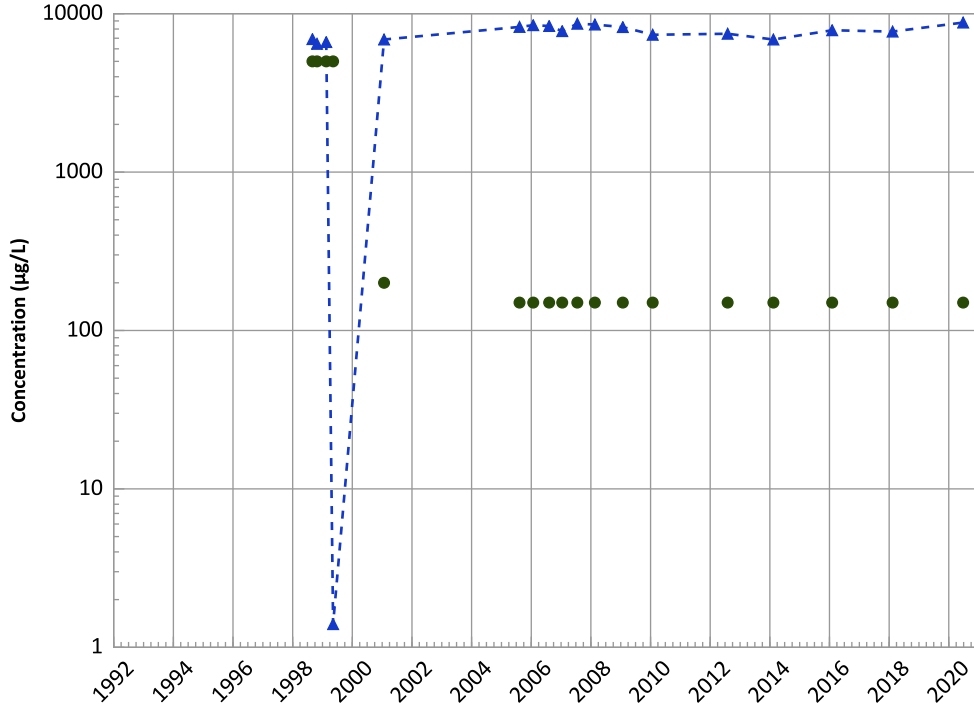
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

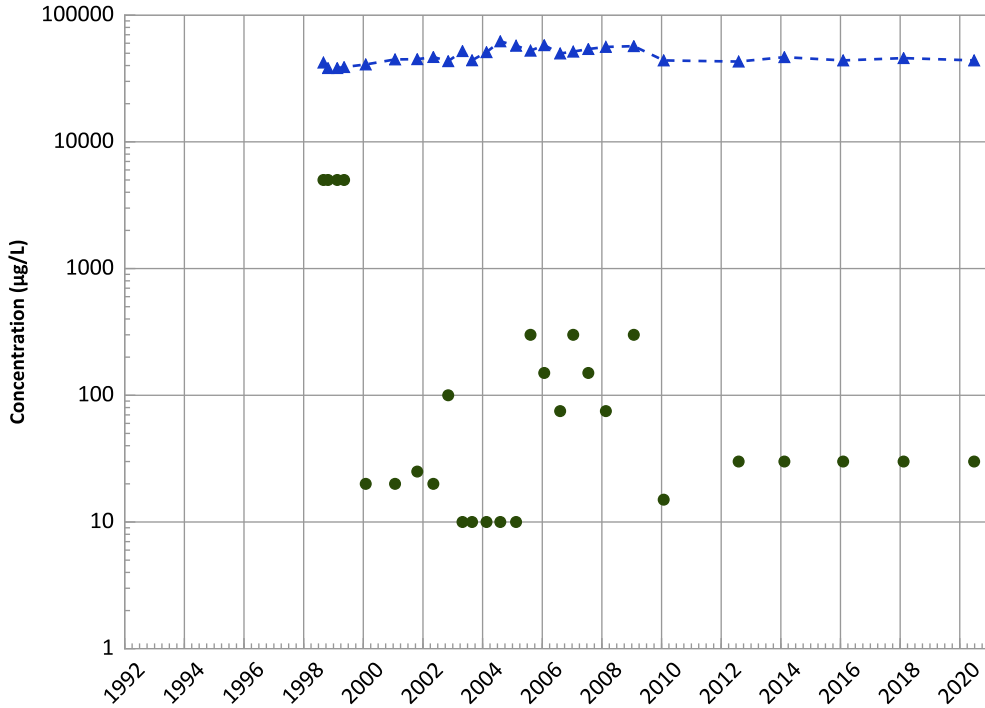
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Increasing
All Data:
Probably Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Increasing

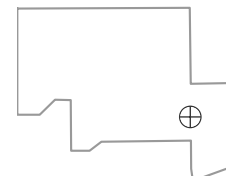
MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
No Trend

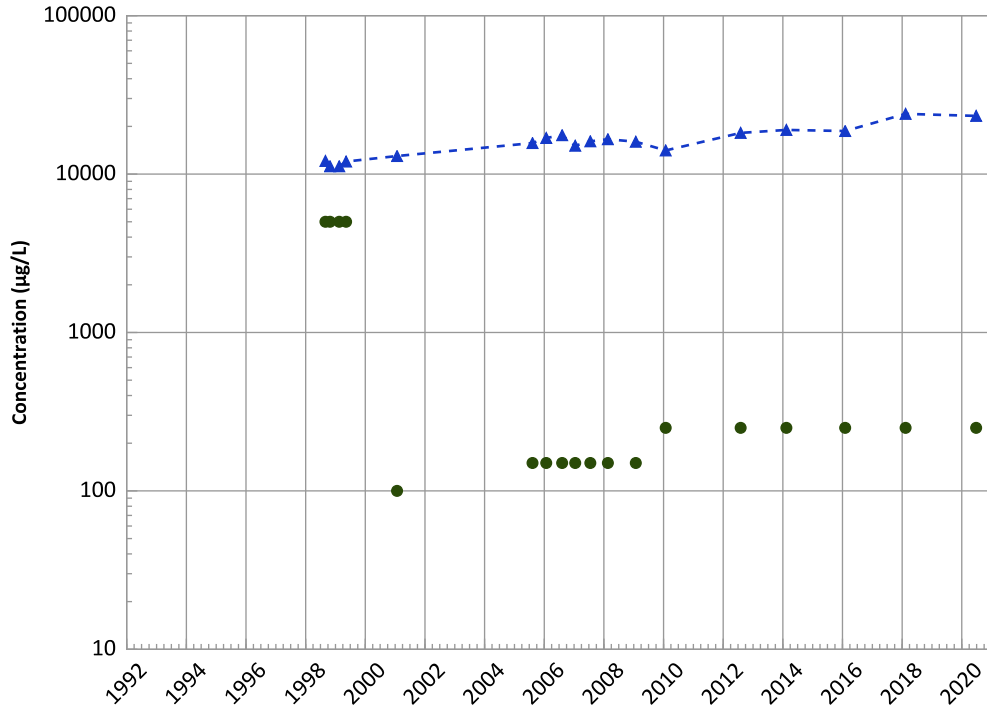
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/30/1998 to 11/09/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1040 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

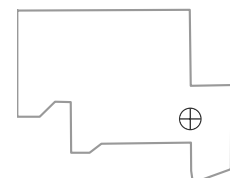
All Data:

Increasing

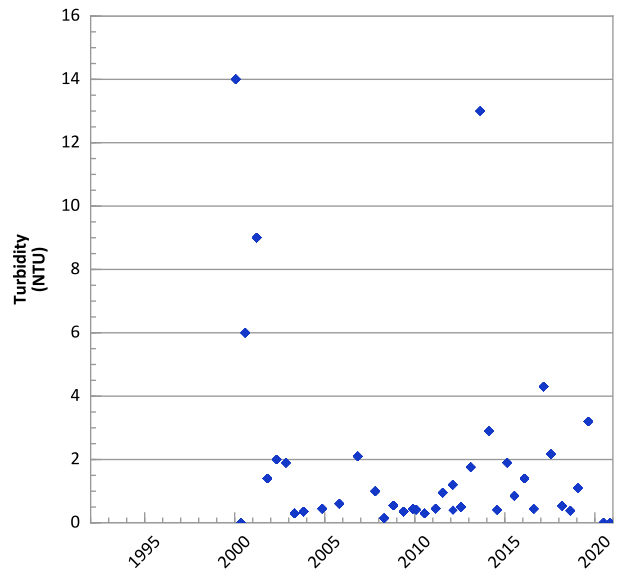
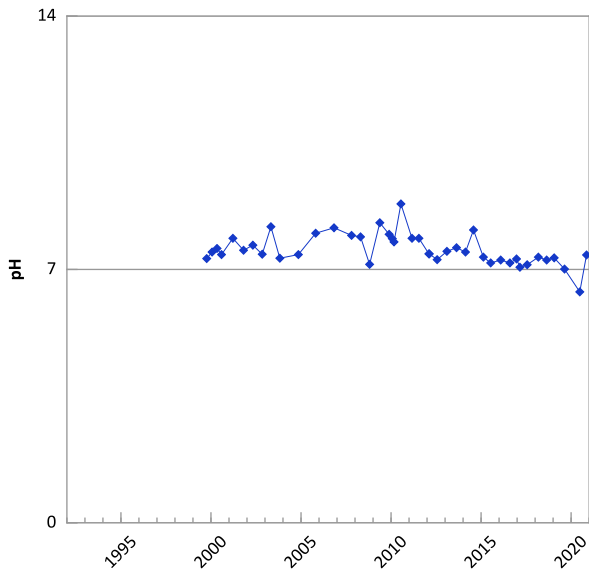
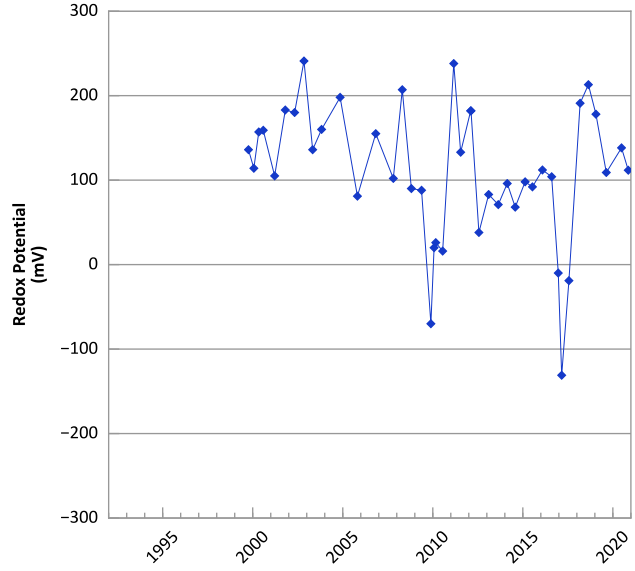
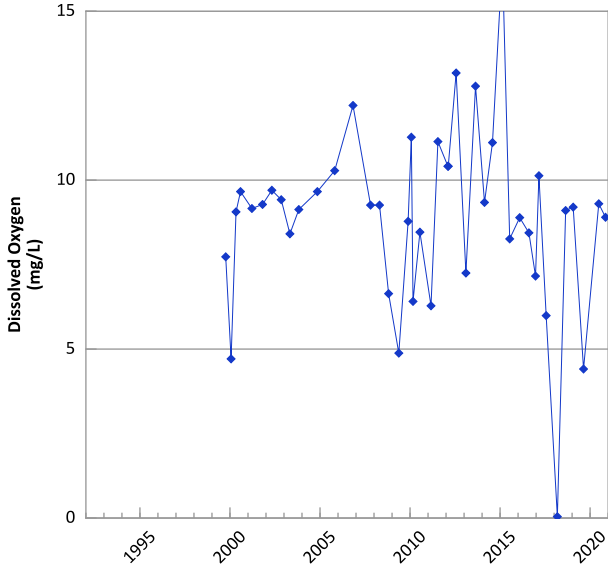
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/30/1998 to 11/09/2020
 Analysis Date: 06/03/2021

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

Well Location

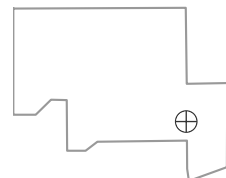


**PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



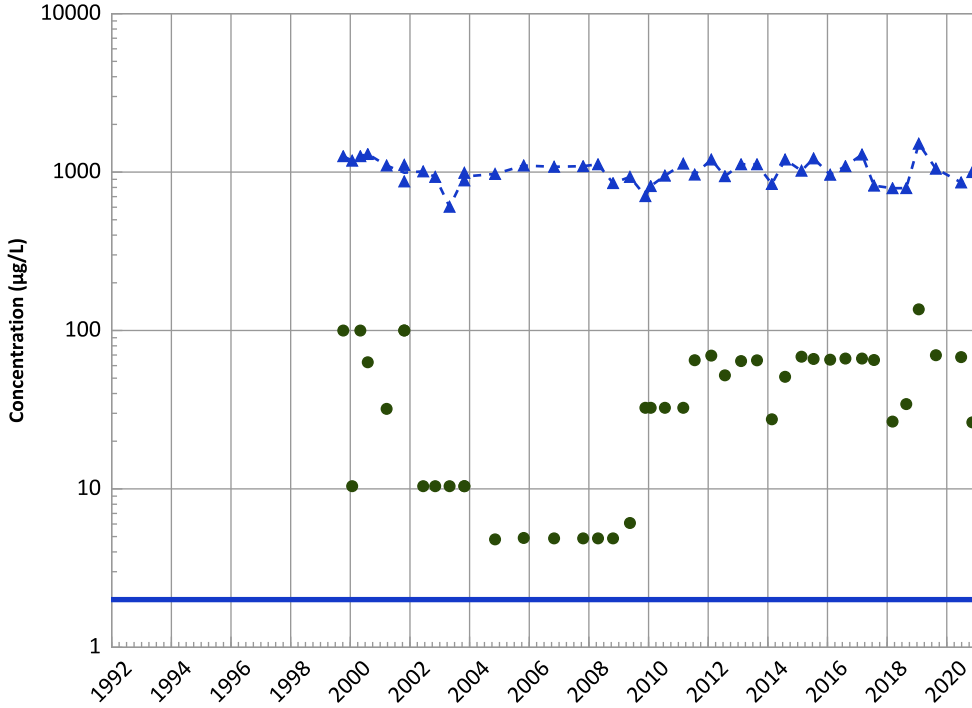
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/07/1999 to 11/09/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

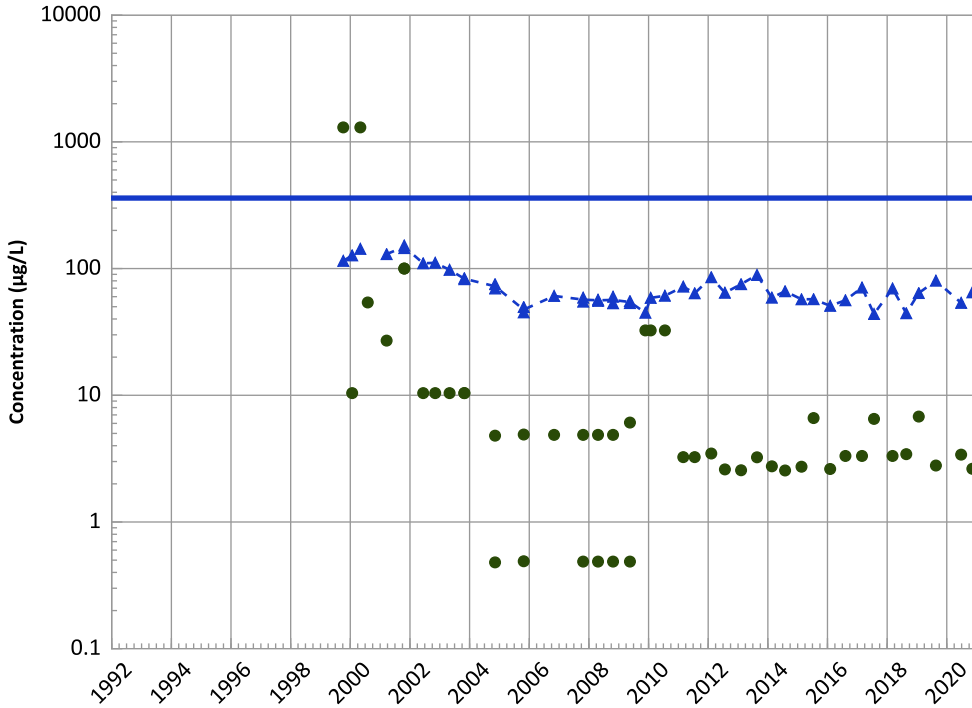
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

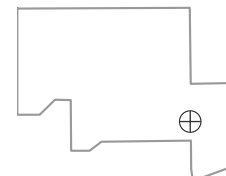
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

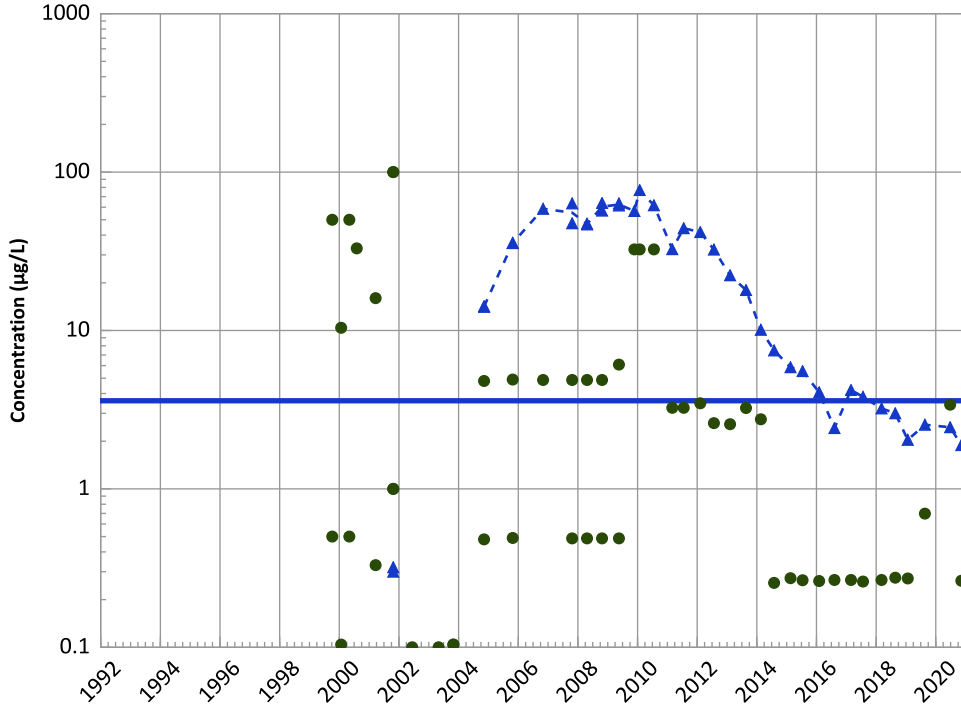
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

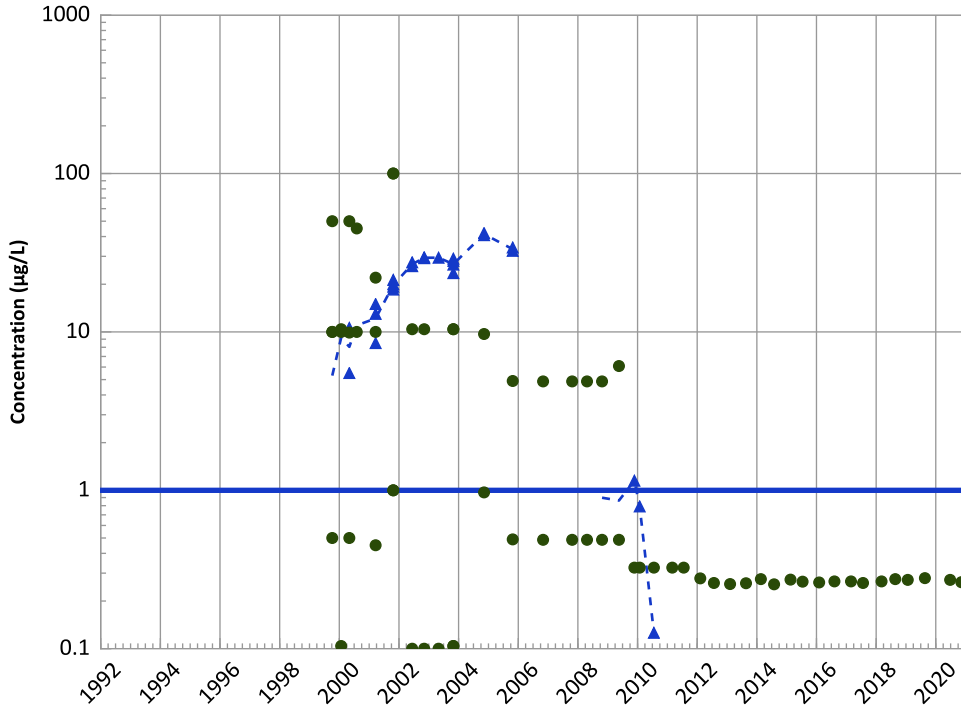
2018 - 2020 Data:

Increasing

All Data:

Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

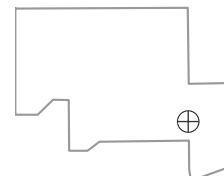
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

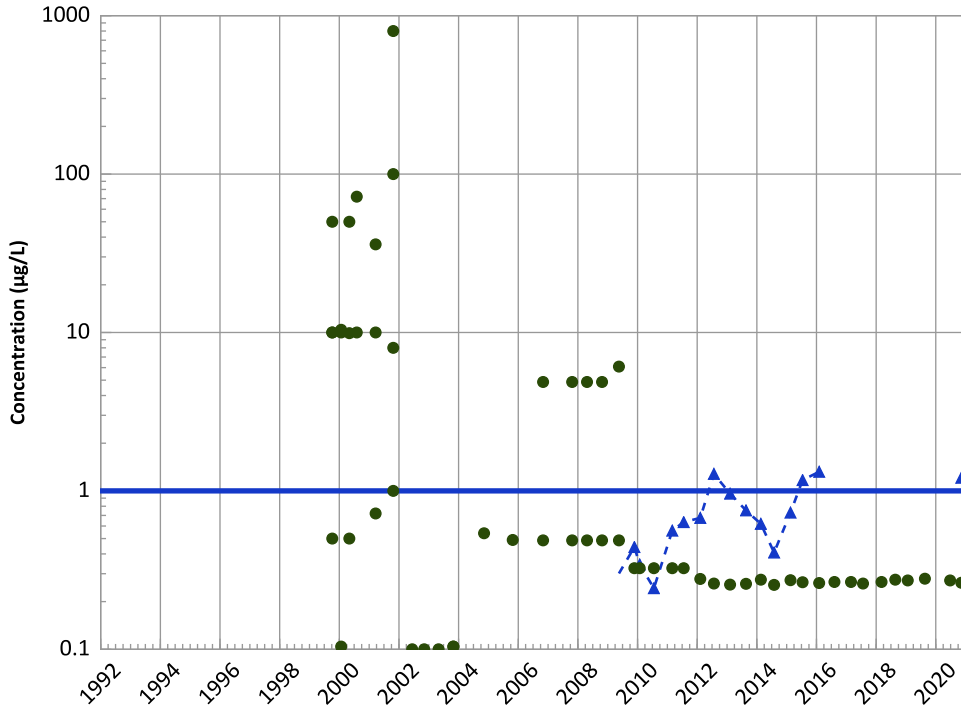
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

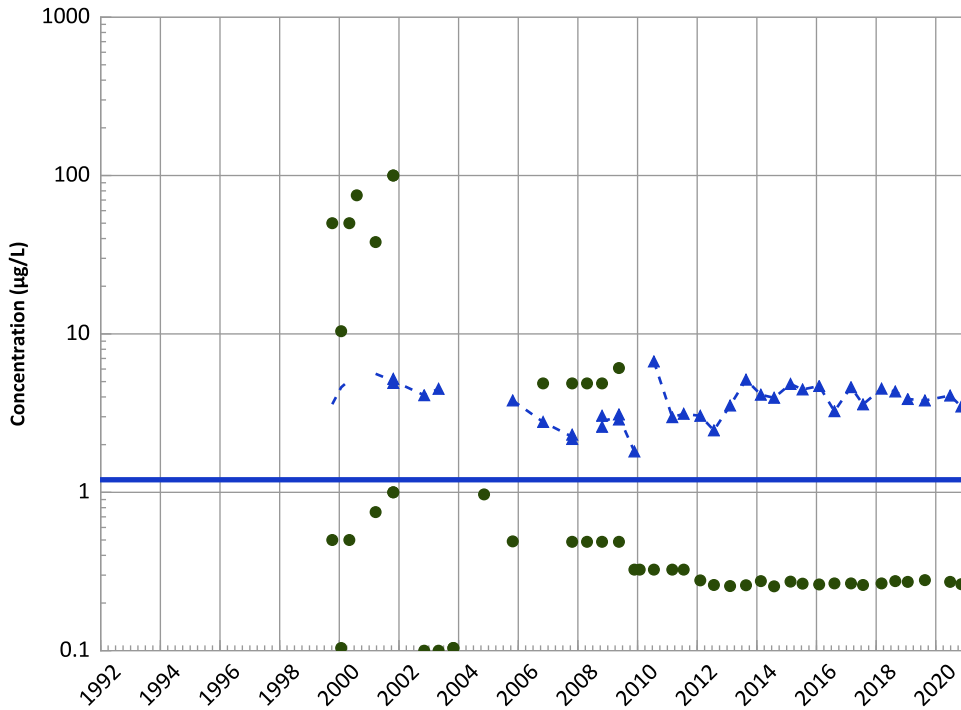


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

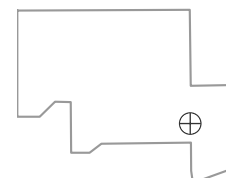
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

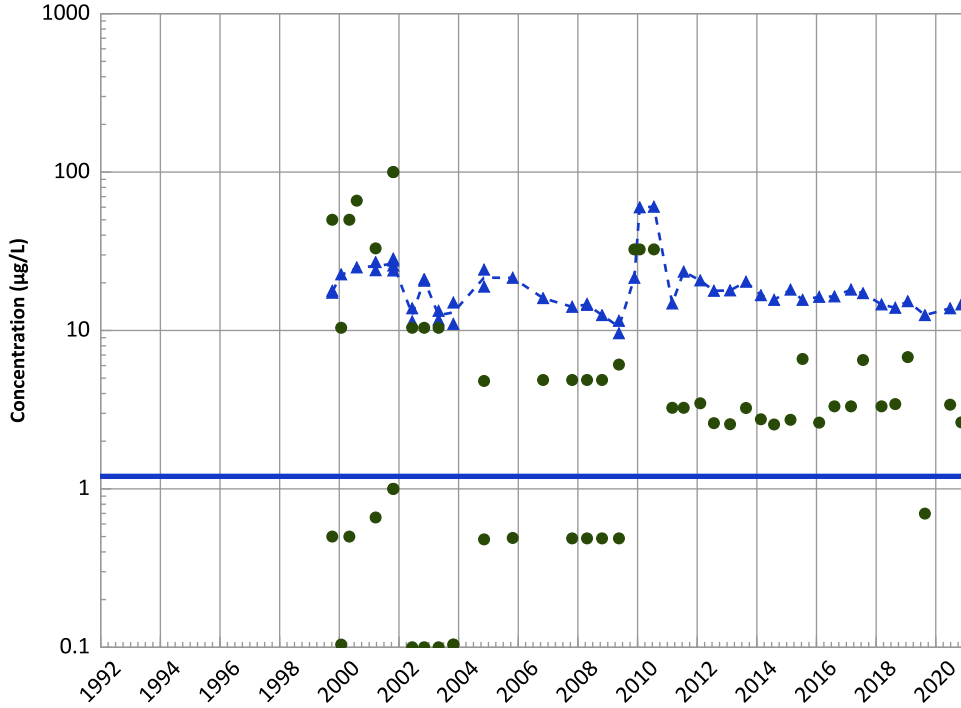
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

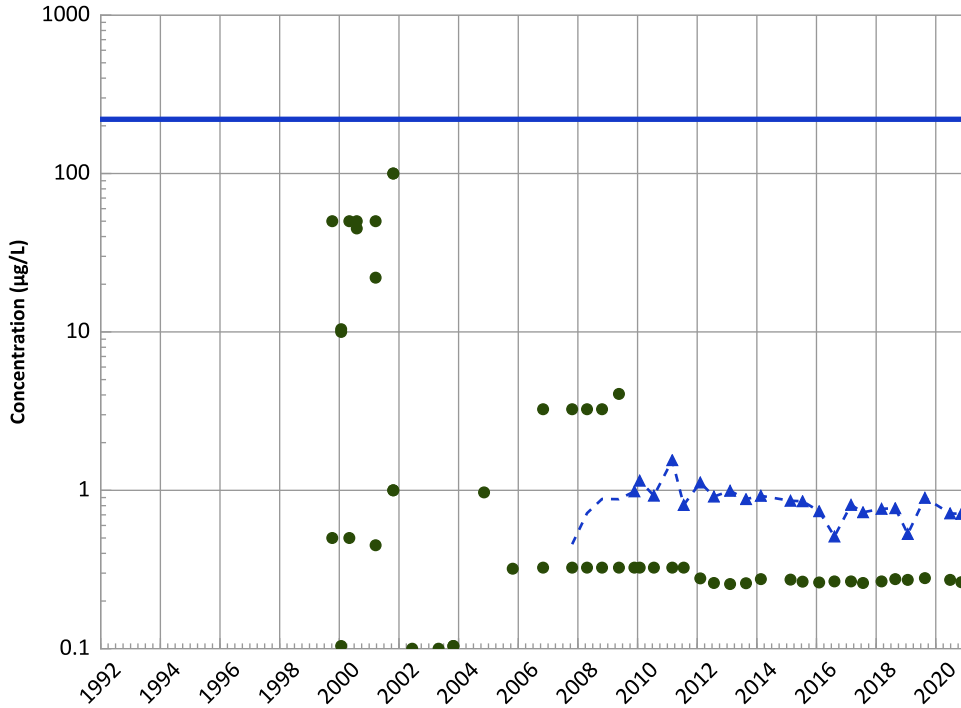
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

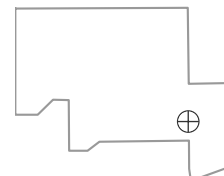
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

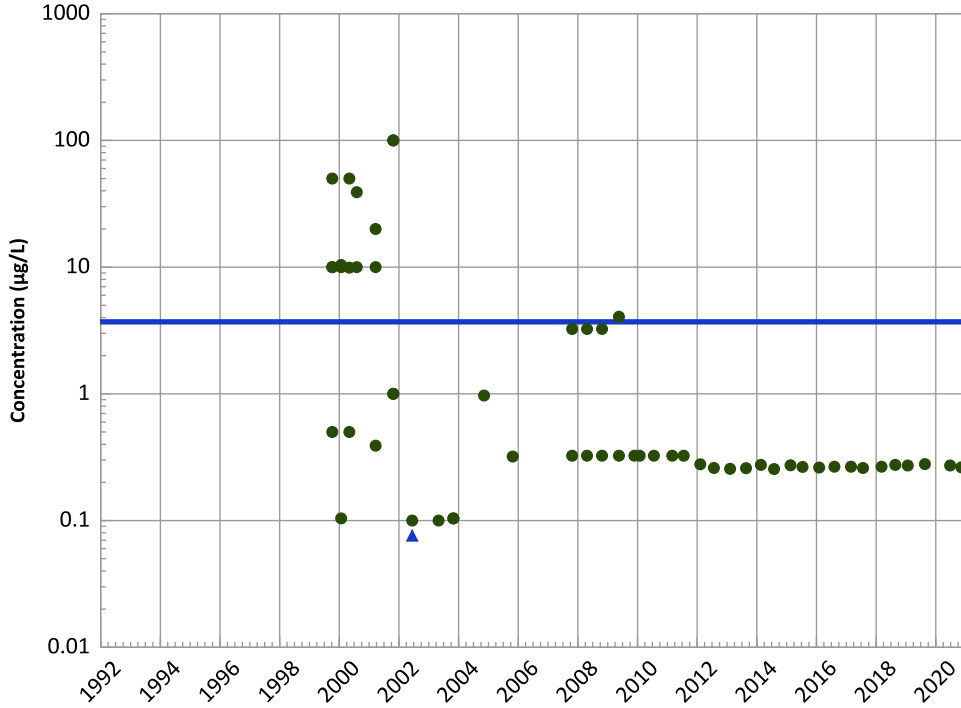
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

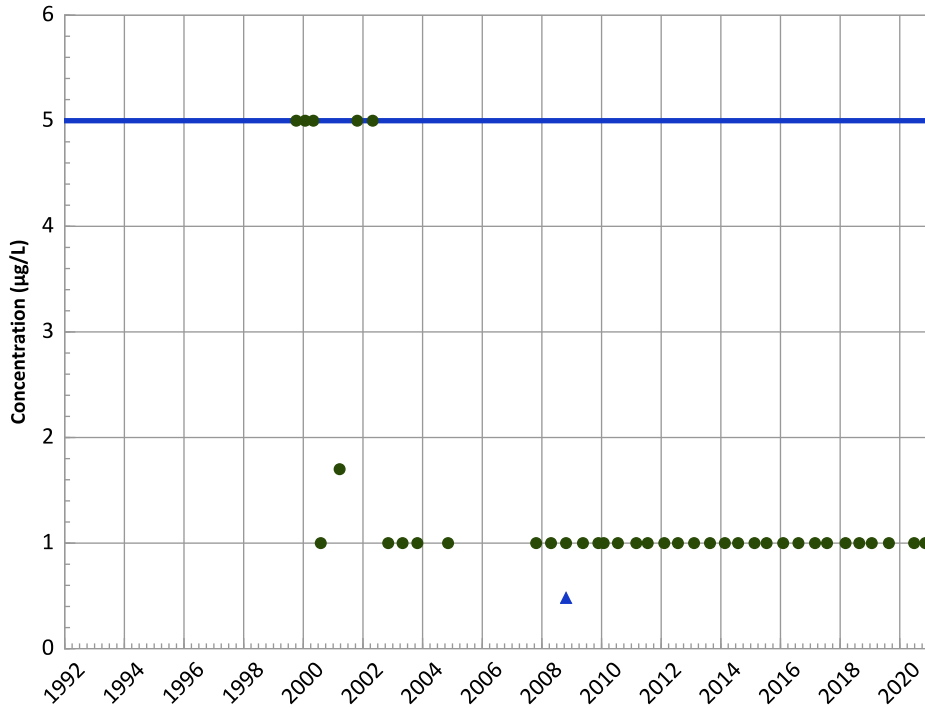
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

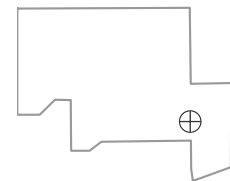
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

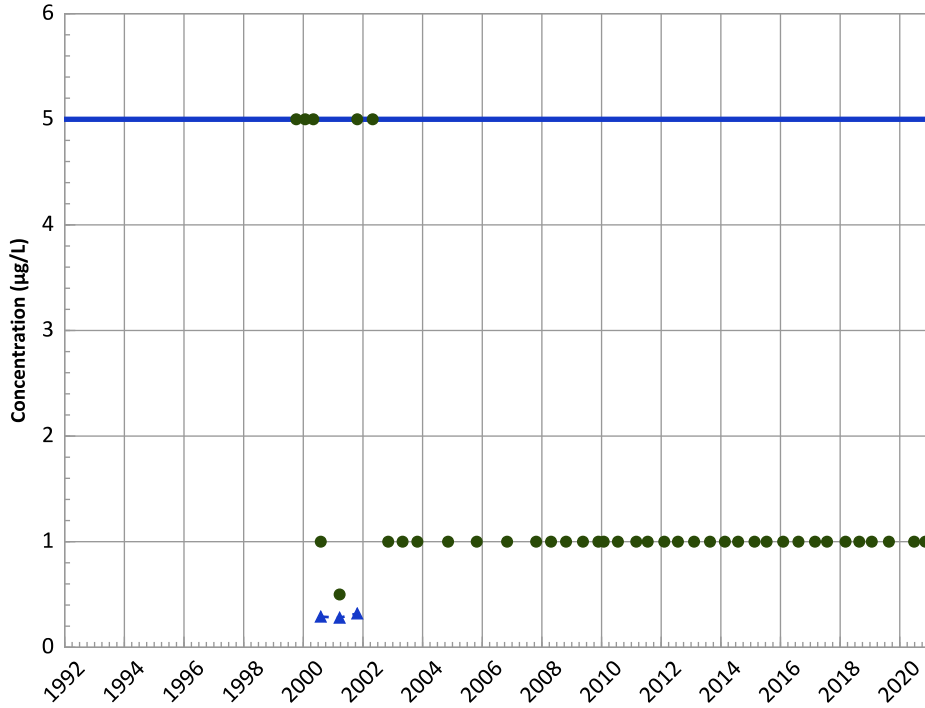


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

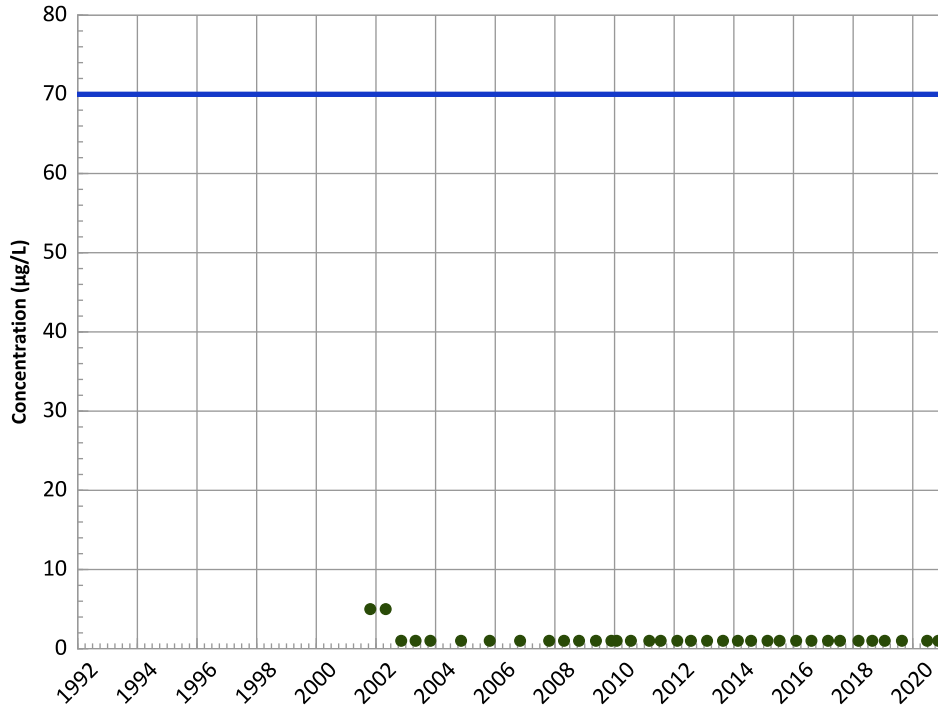
2018 - 2020 Data:

Stable

All Data:

Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

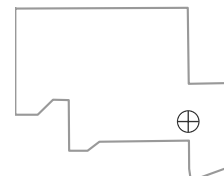
All Data:

All Non-Detect

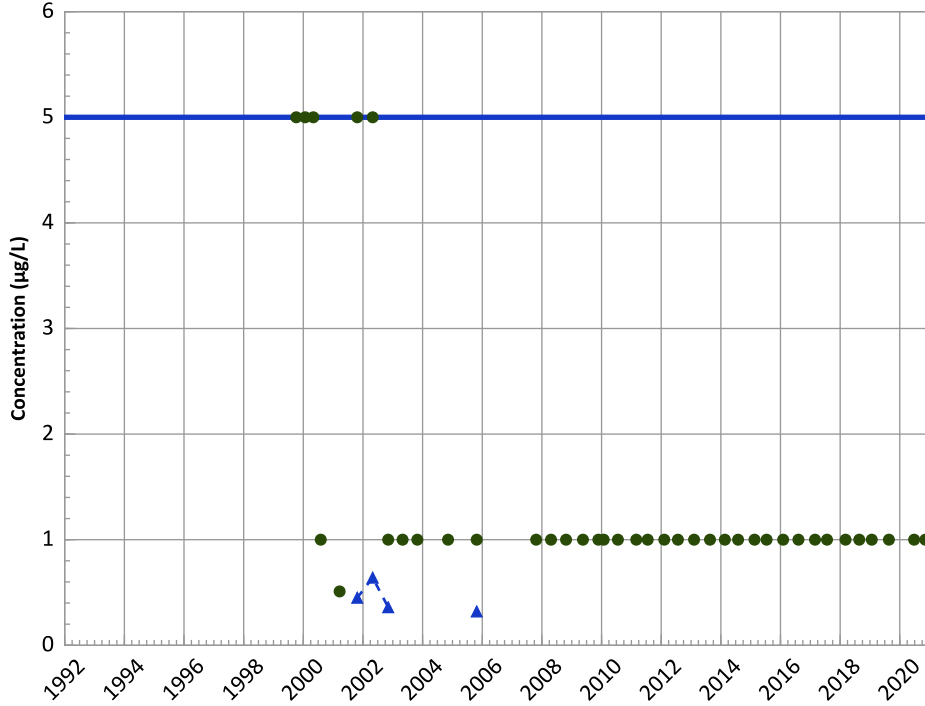
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

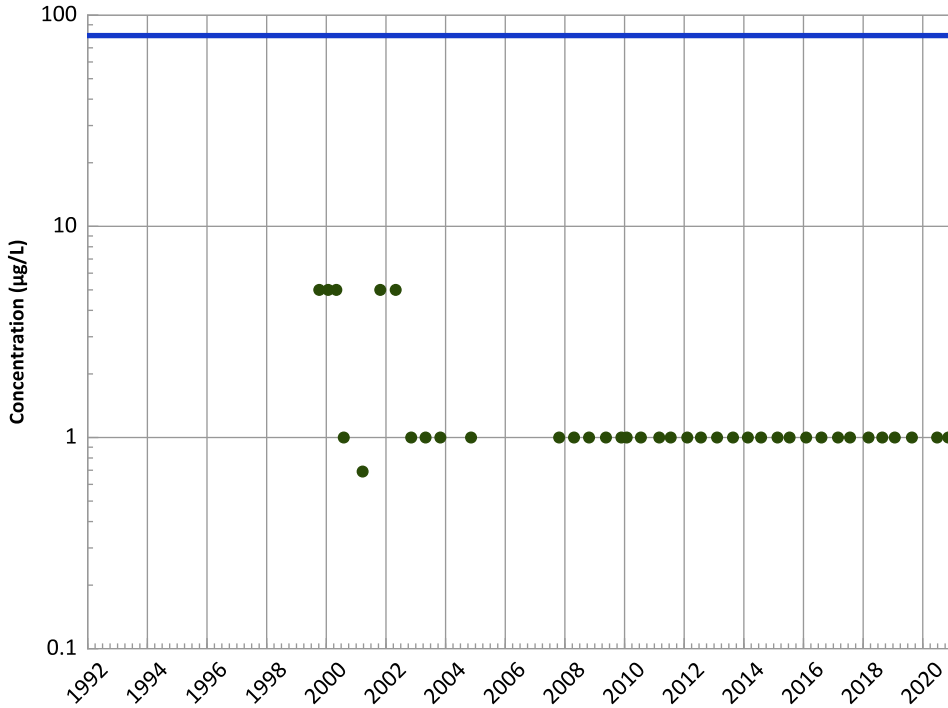
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

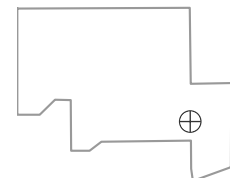
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

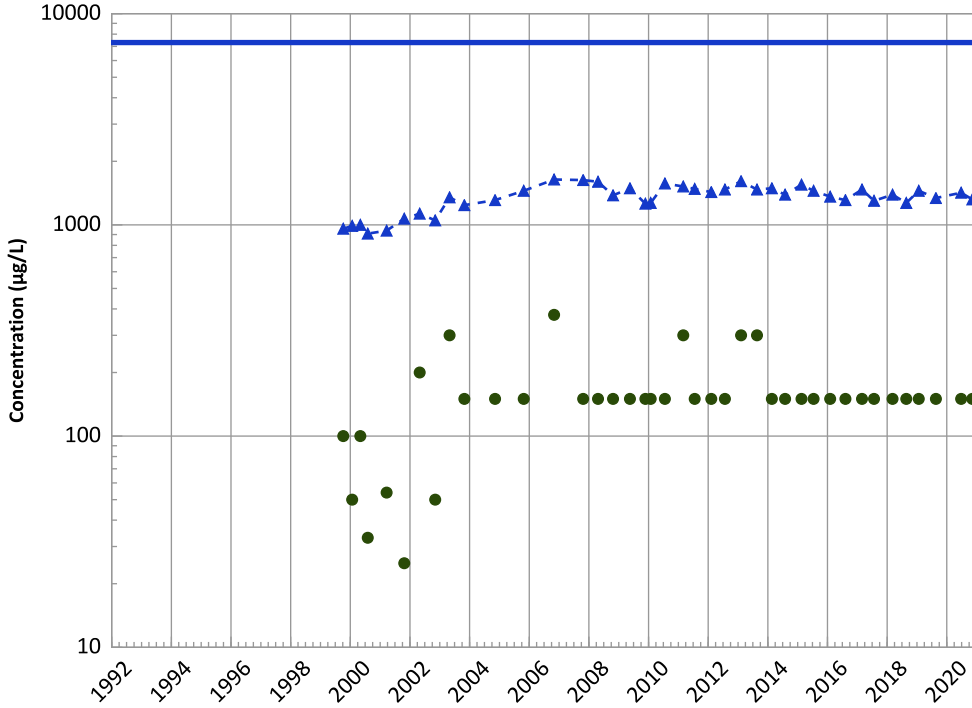
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

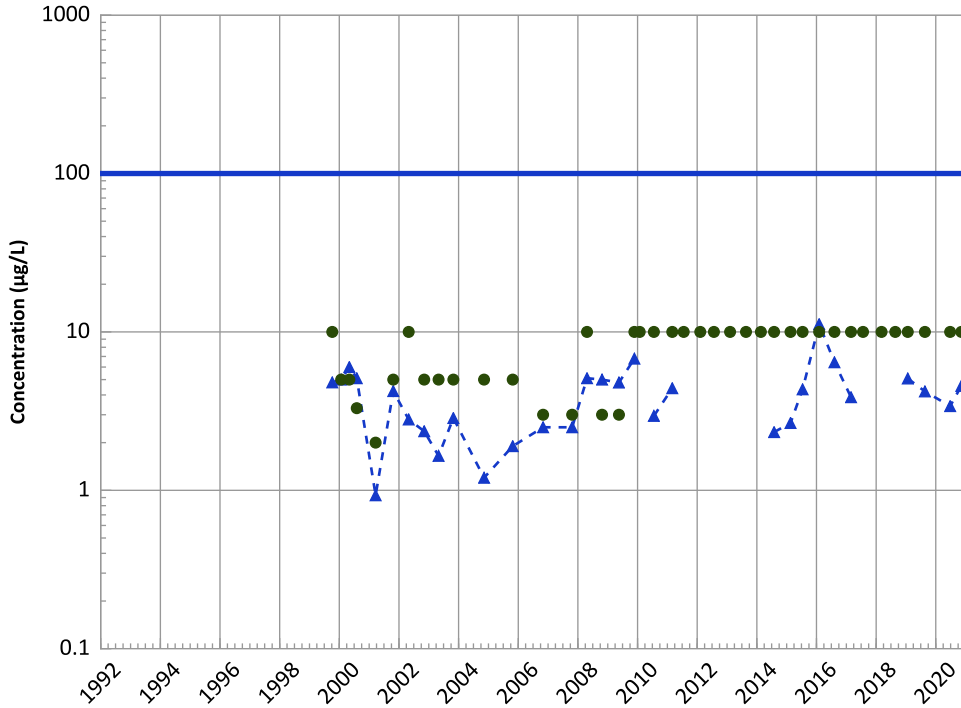
2018 - 2020 Data:

Stable

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

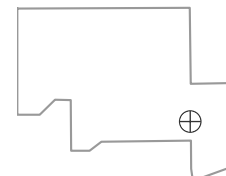
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Well Location

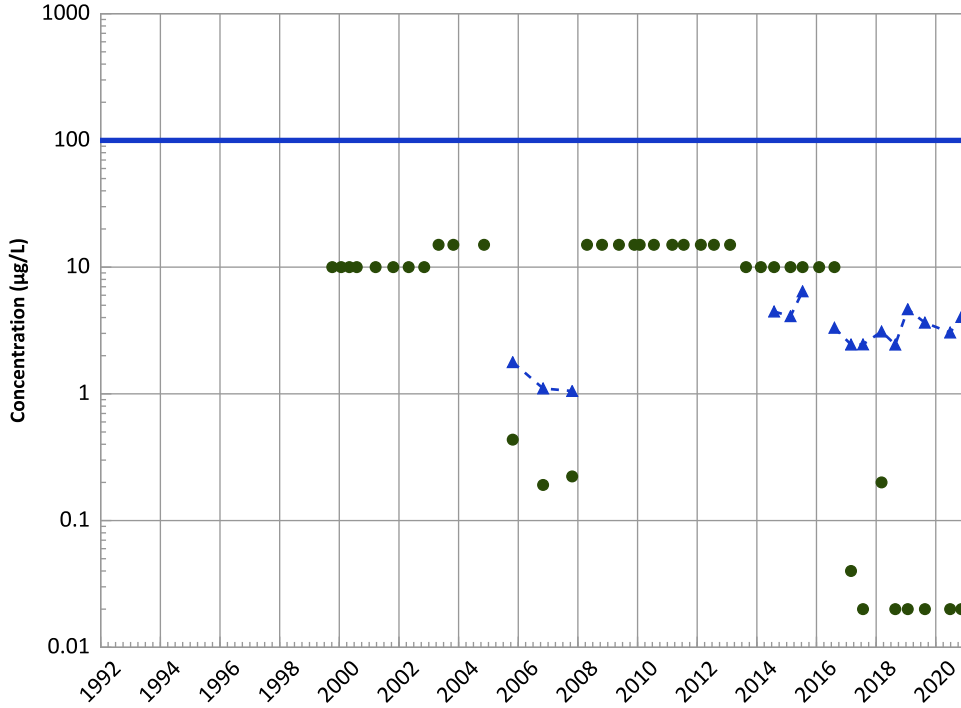


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

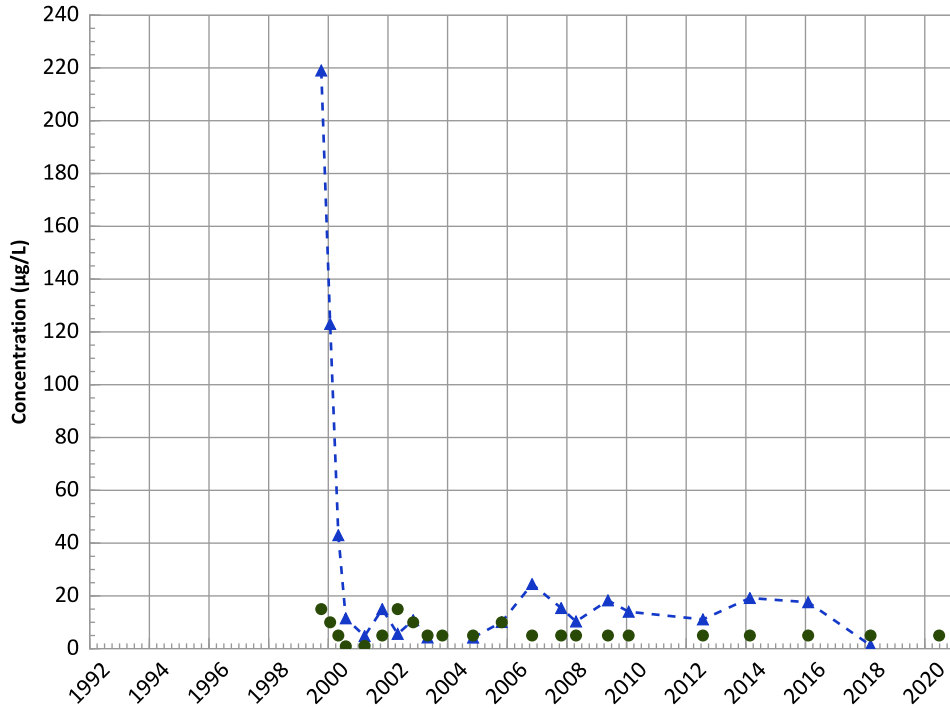
2018 - 2020 Data:

Increasing

All Data:

Stable

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

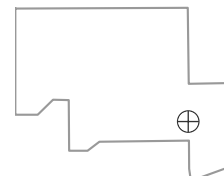
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

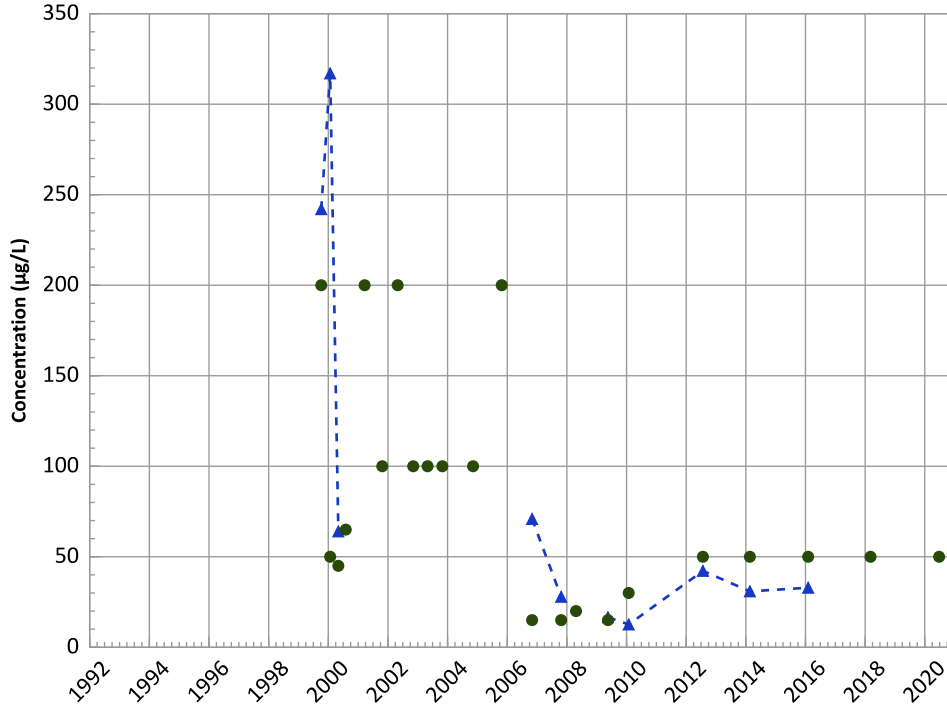
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

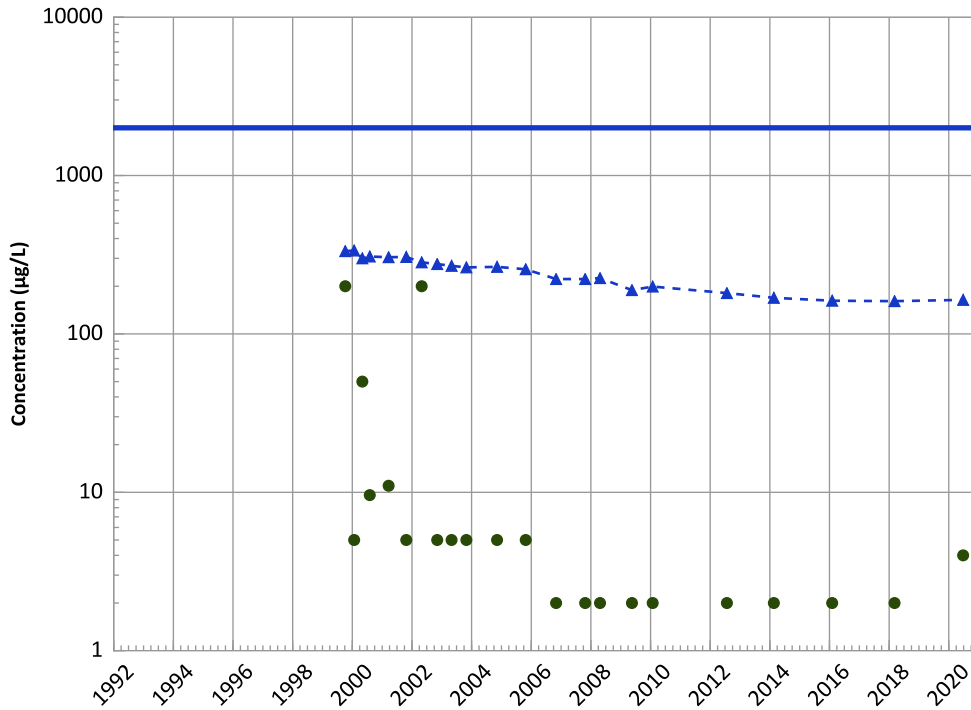


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Barium Trend



Concentration Trend

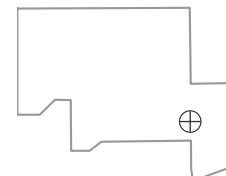
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

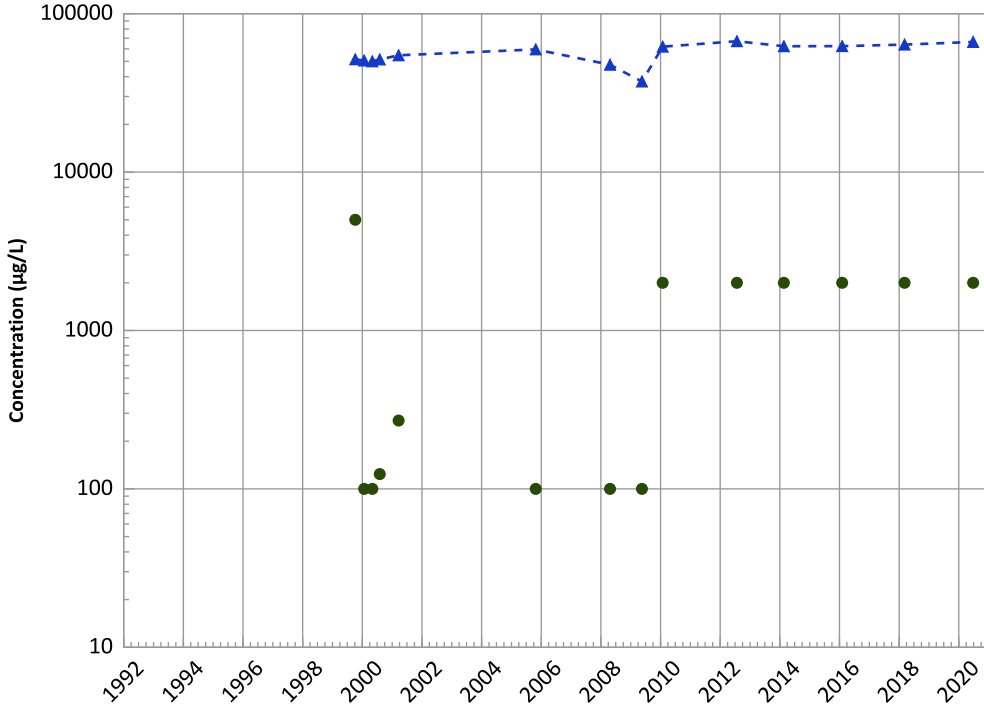
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

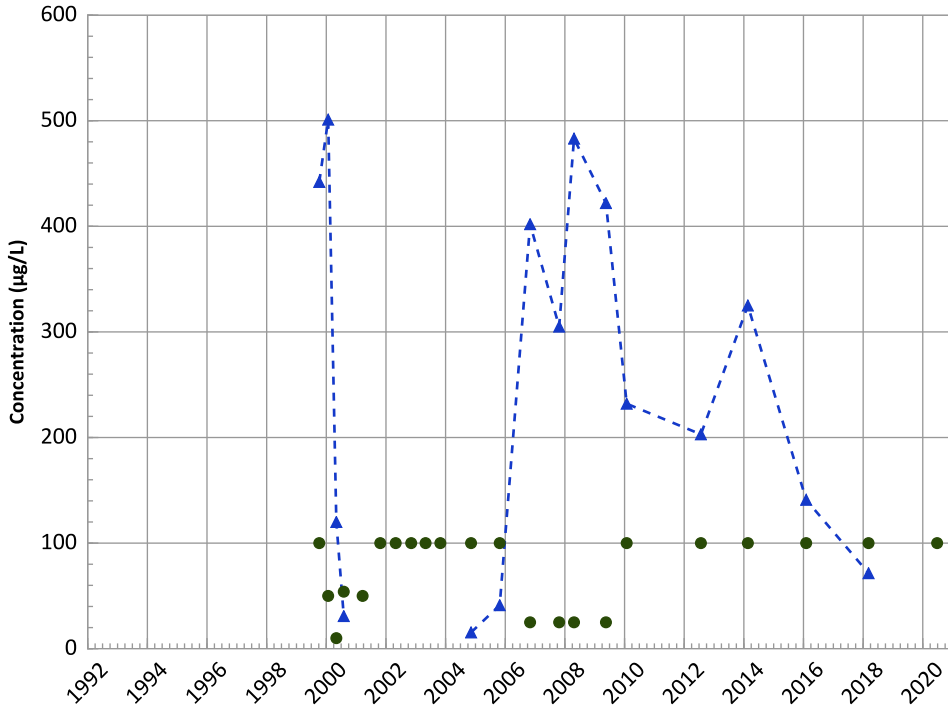
2018 - 2020 Data:

Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

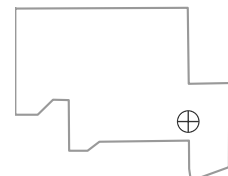
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

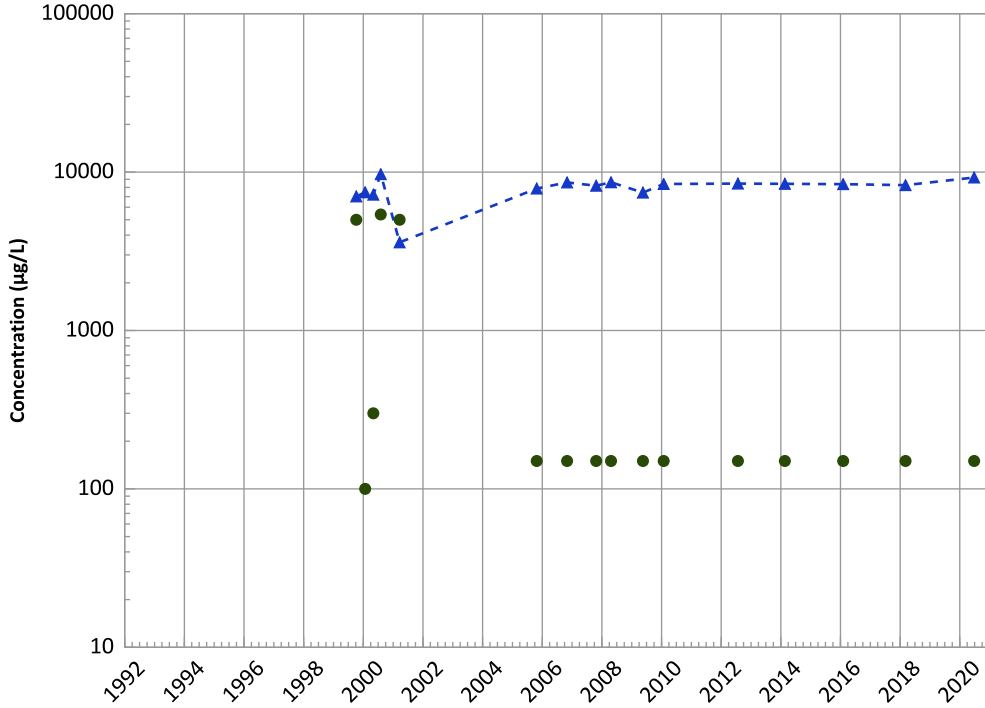
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

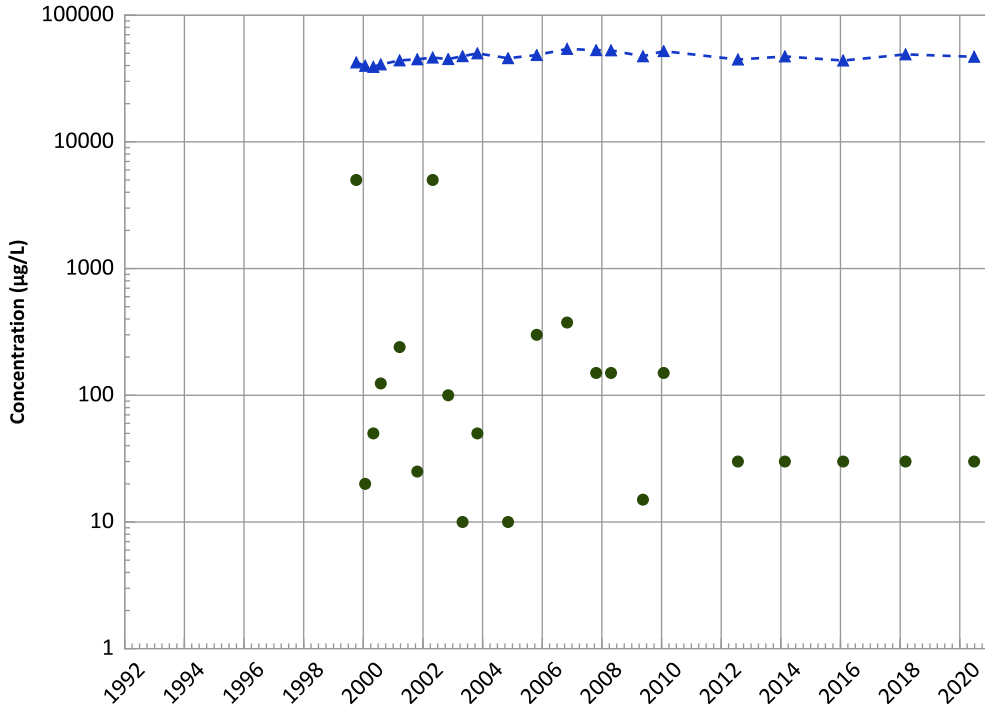
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

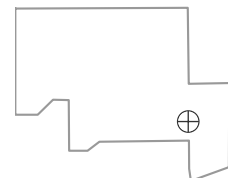
All Data:

Increasing

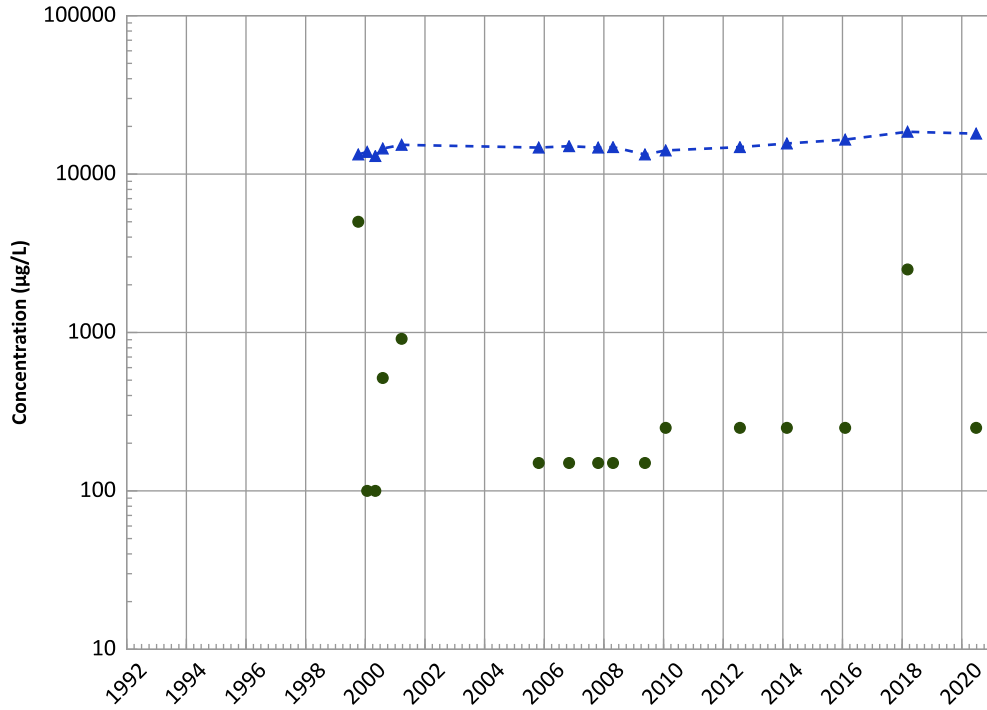
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1041 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

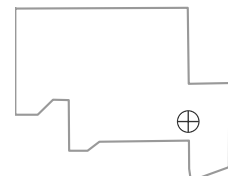
All Data:

Increasing

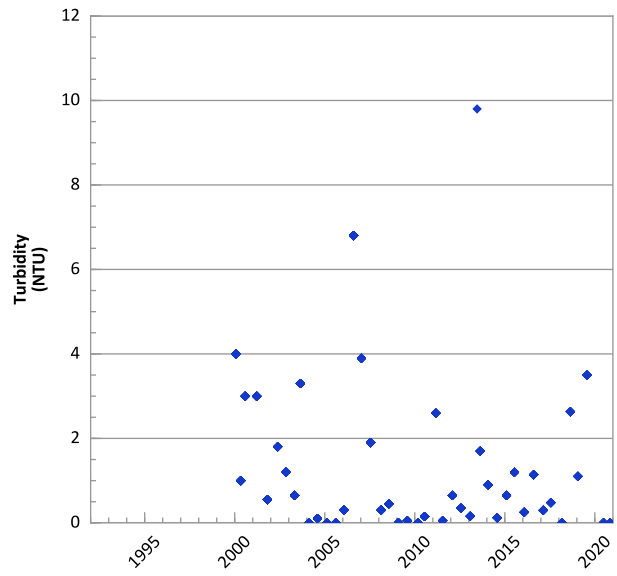
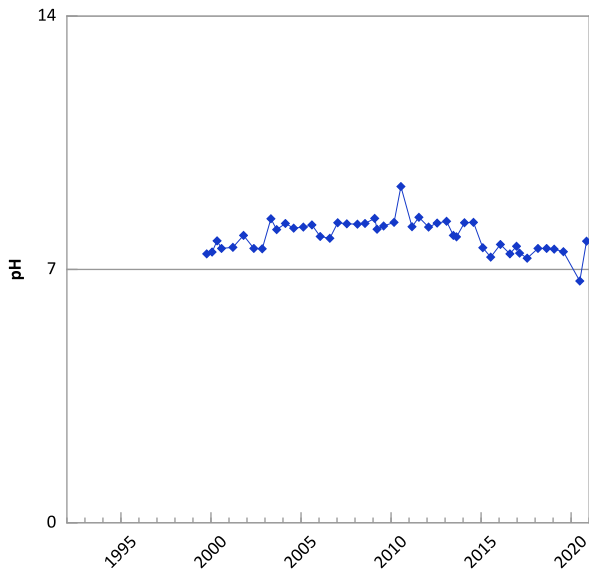
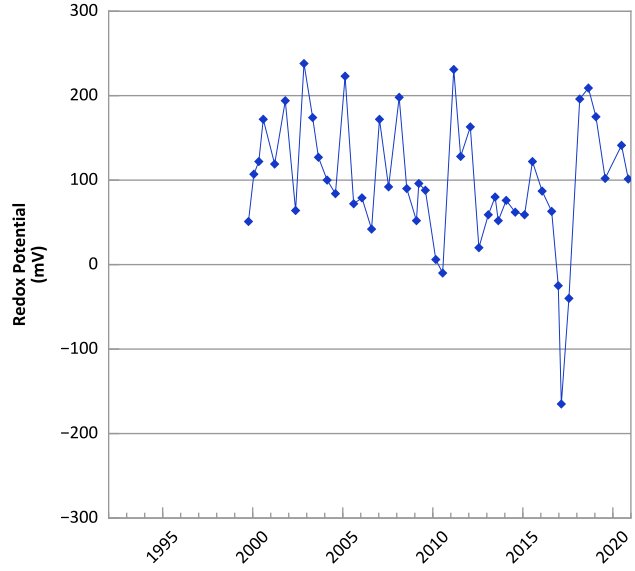
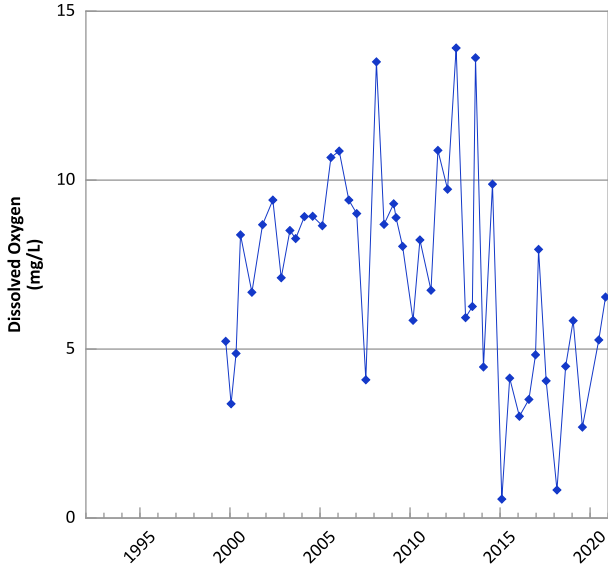
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/07/1999 to 11/09/2020
 Analysis Date: 06/03/2021

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

Well Location

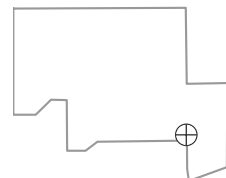


**PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



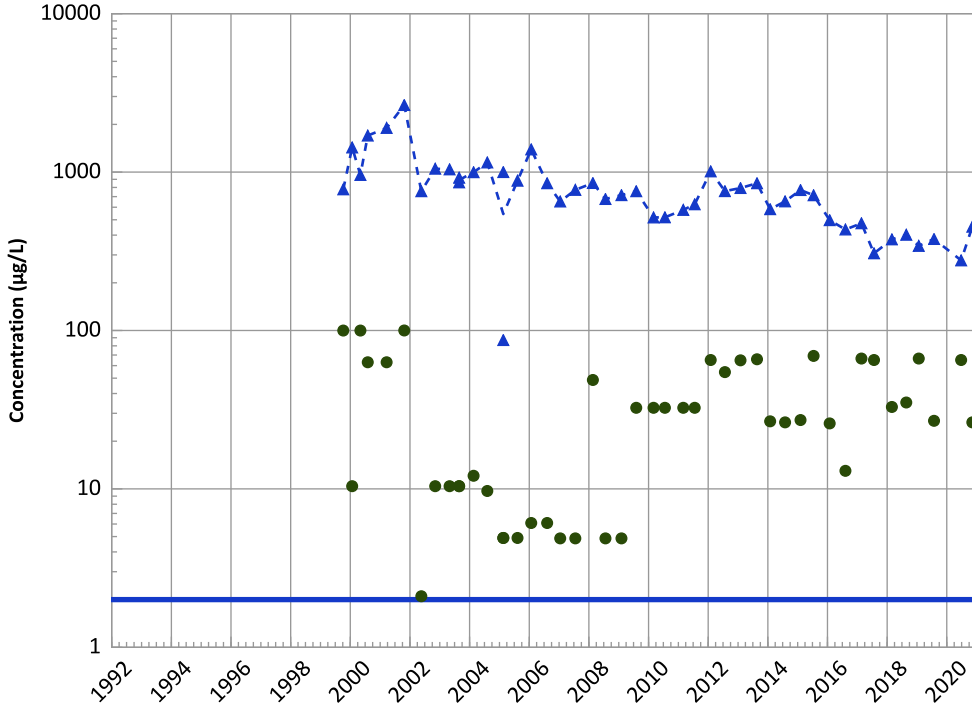
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

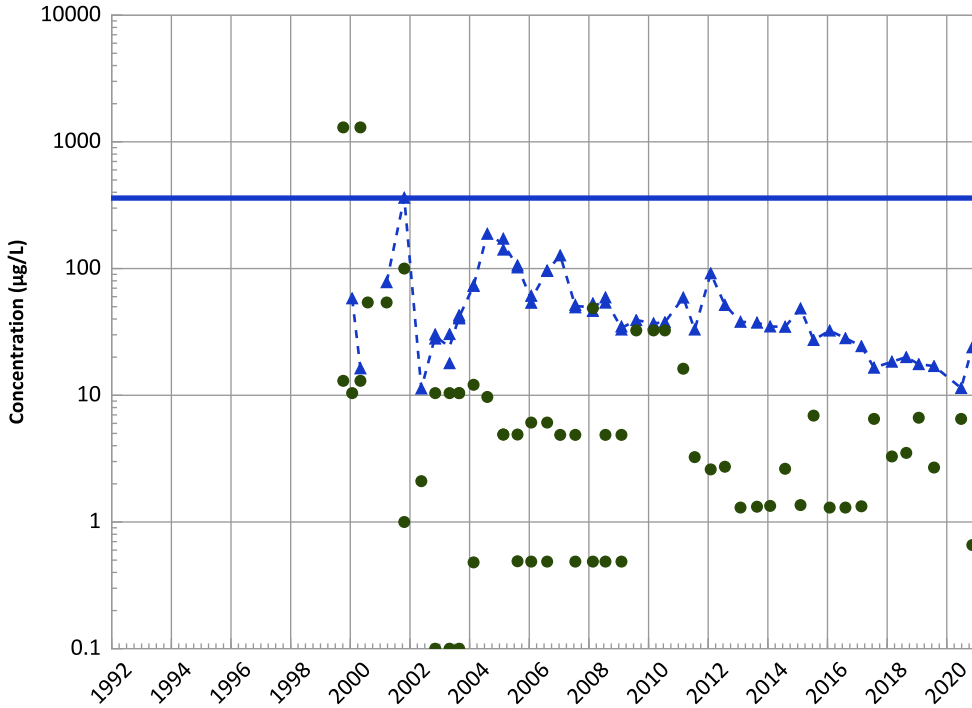
2018 - 2020 Data:

No Trend

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

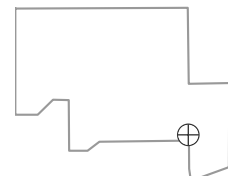
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

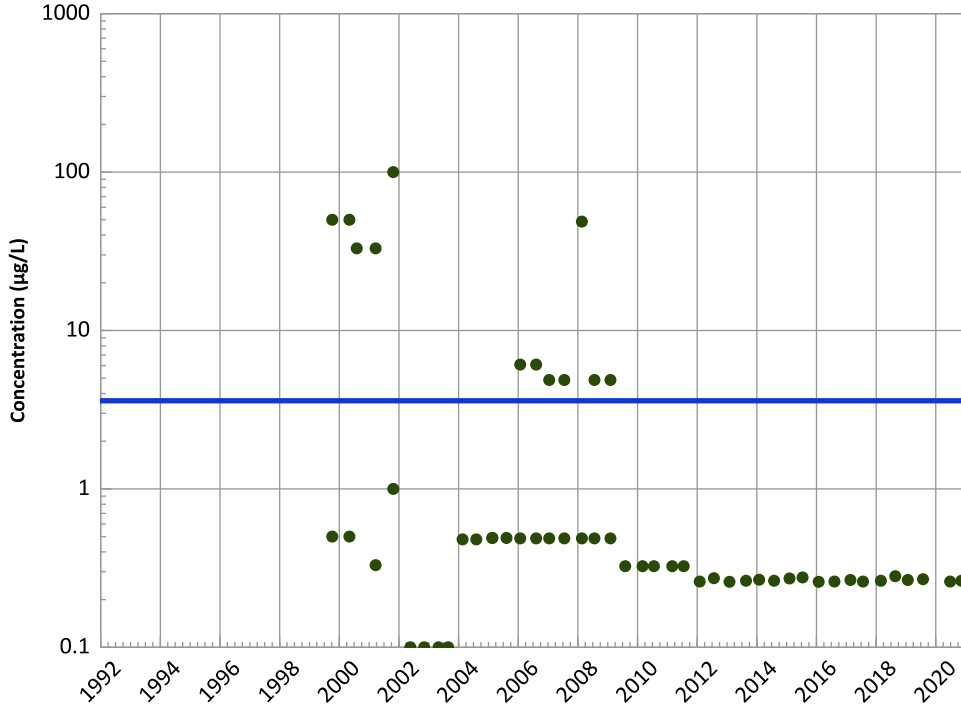
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

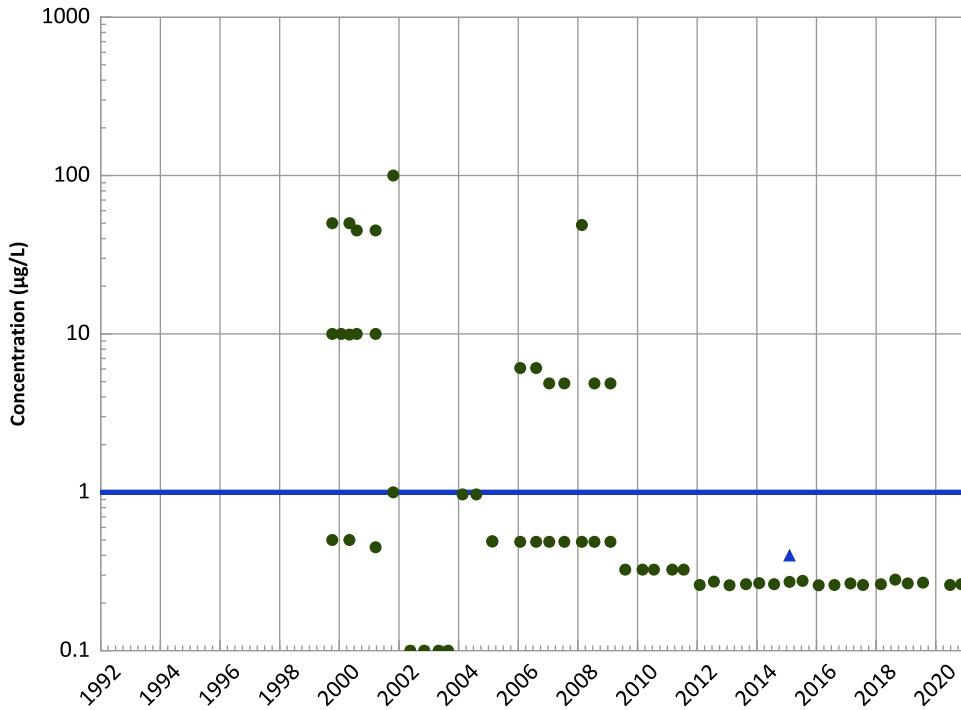
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

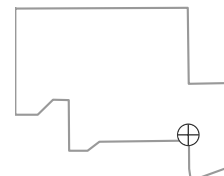
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

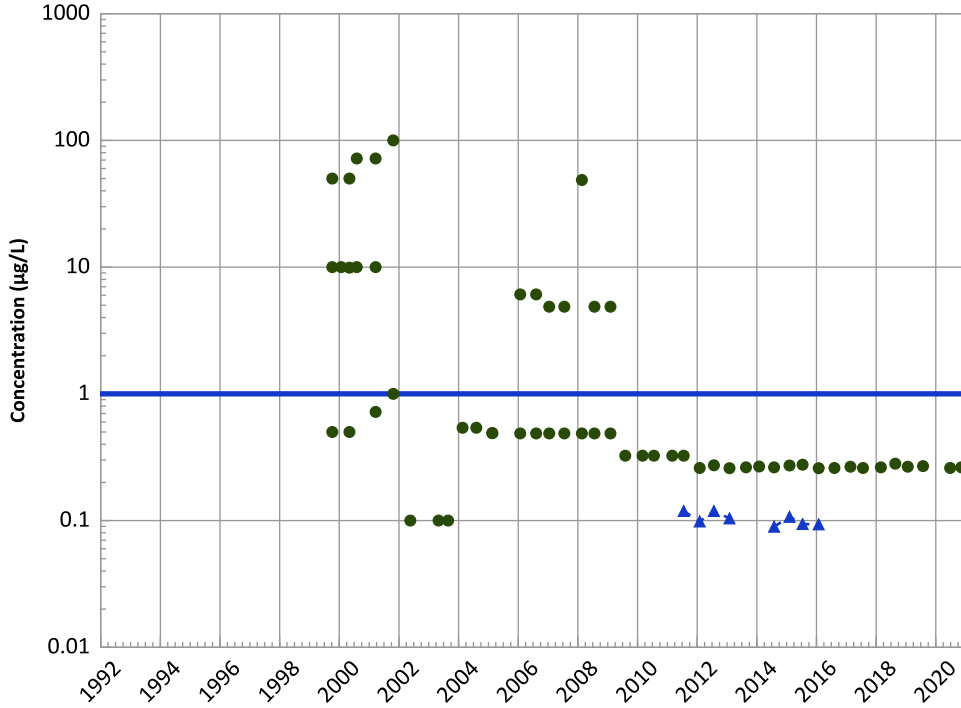
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

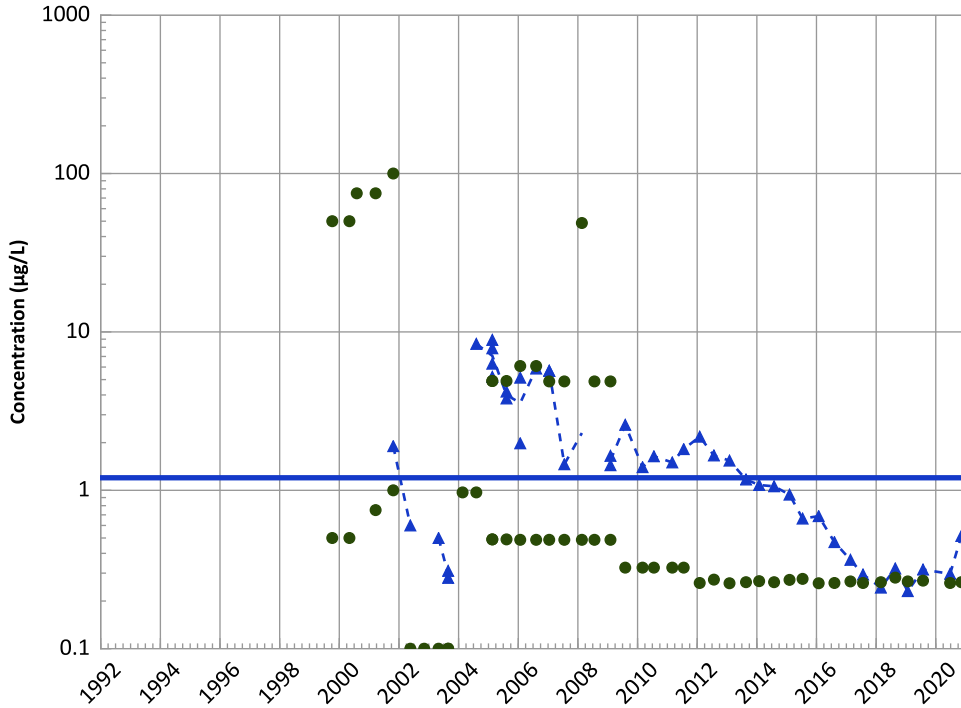
2018 - 2020 Data:

No Trend

All Data:

Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

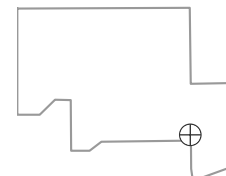
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

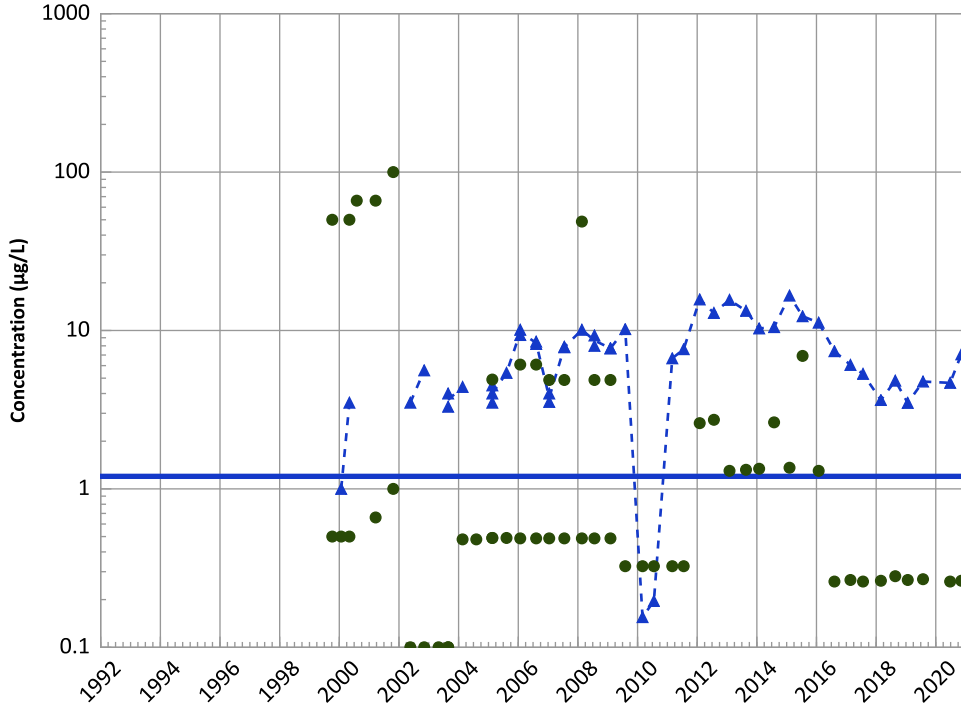
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

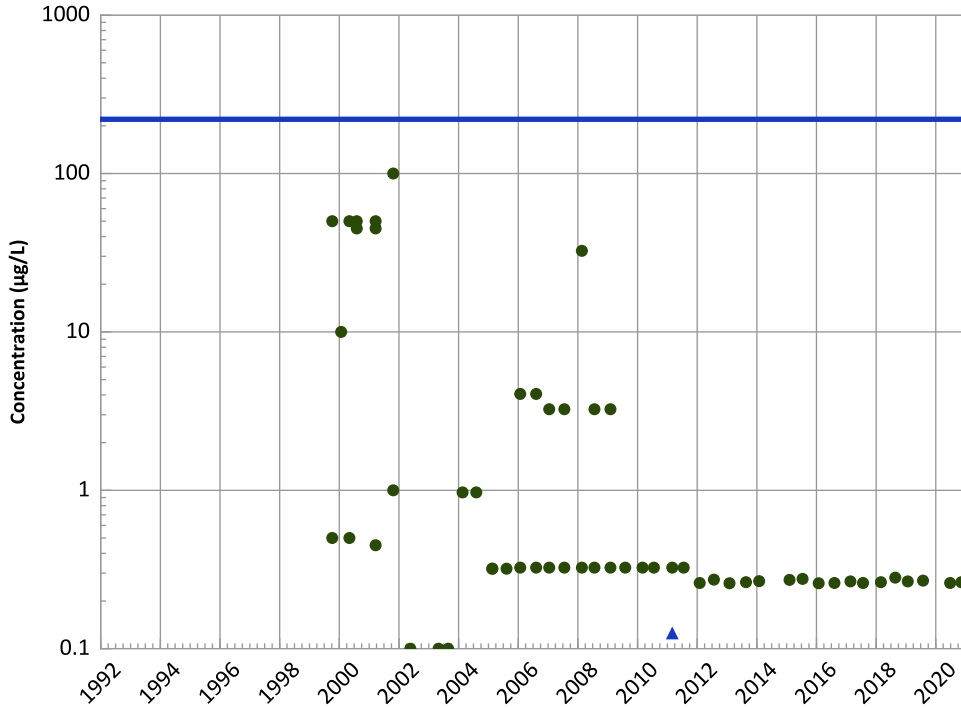
2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

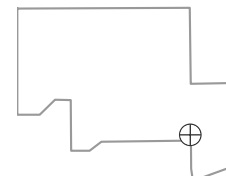
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

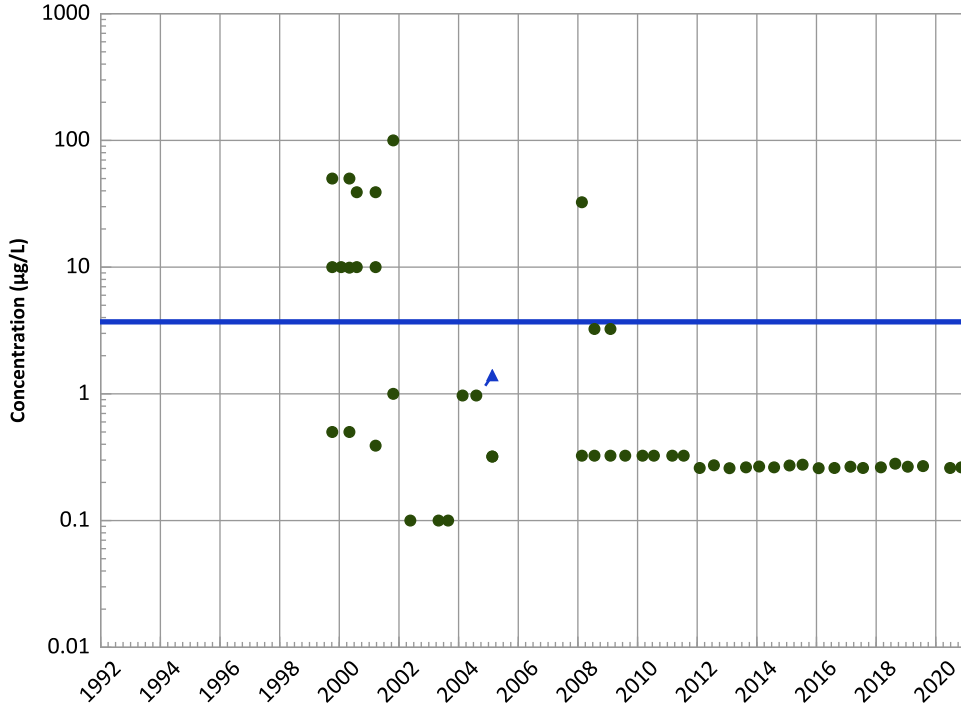
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

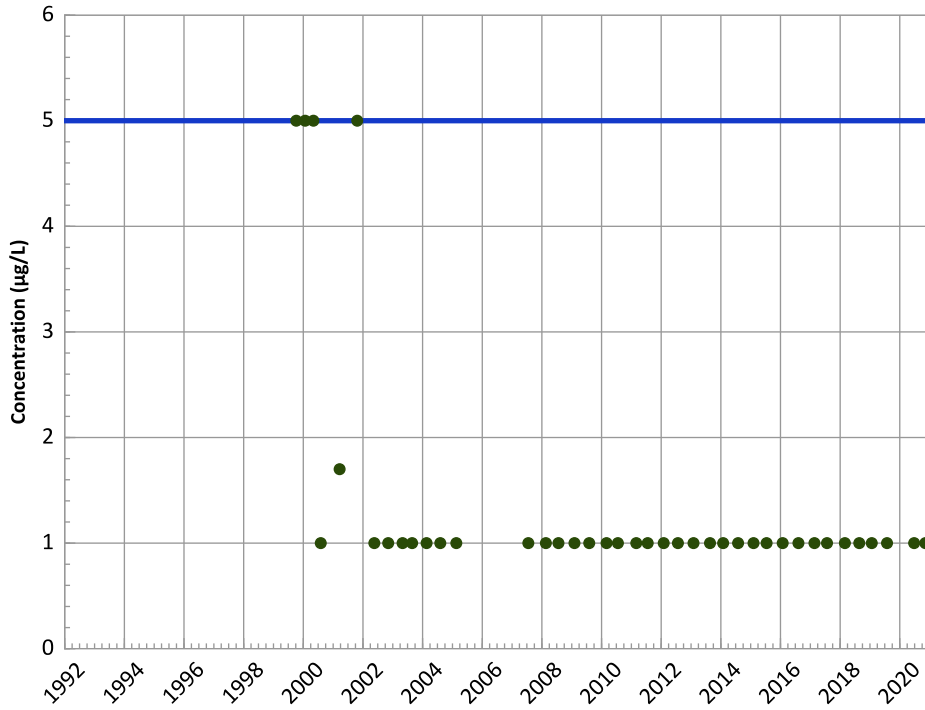
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

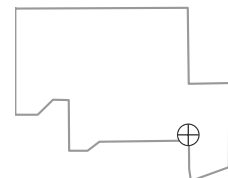
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

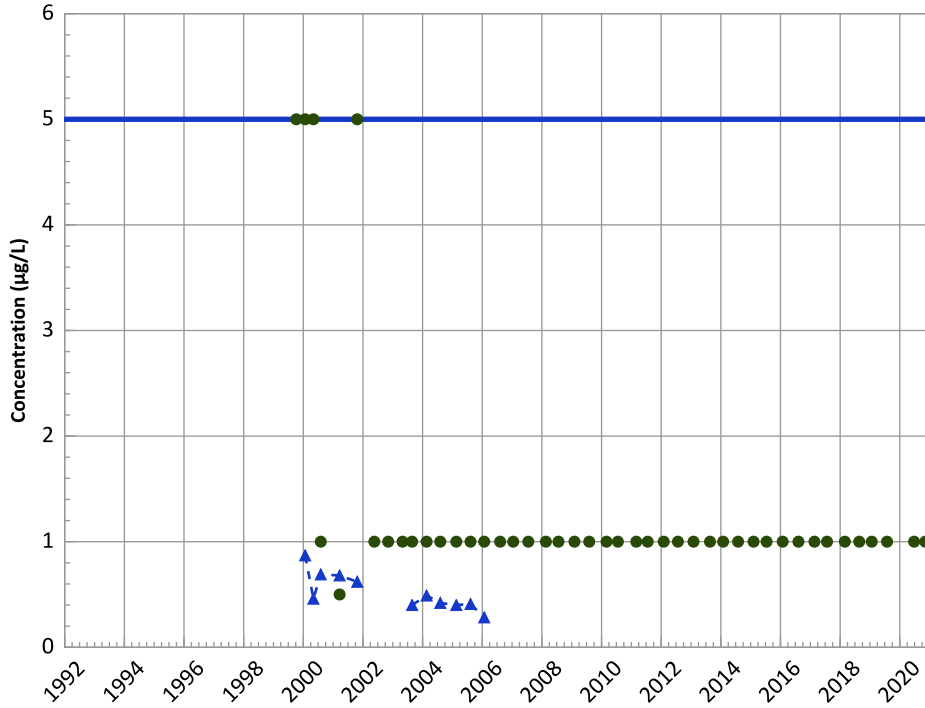
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

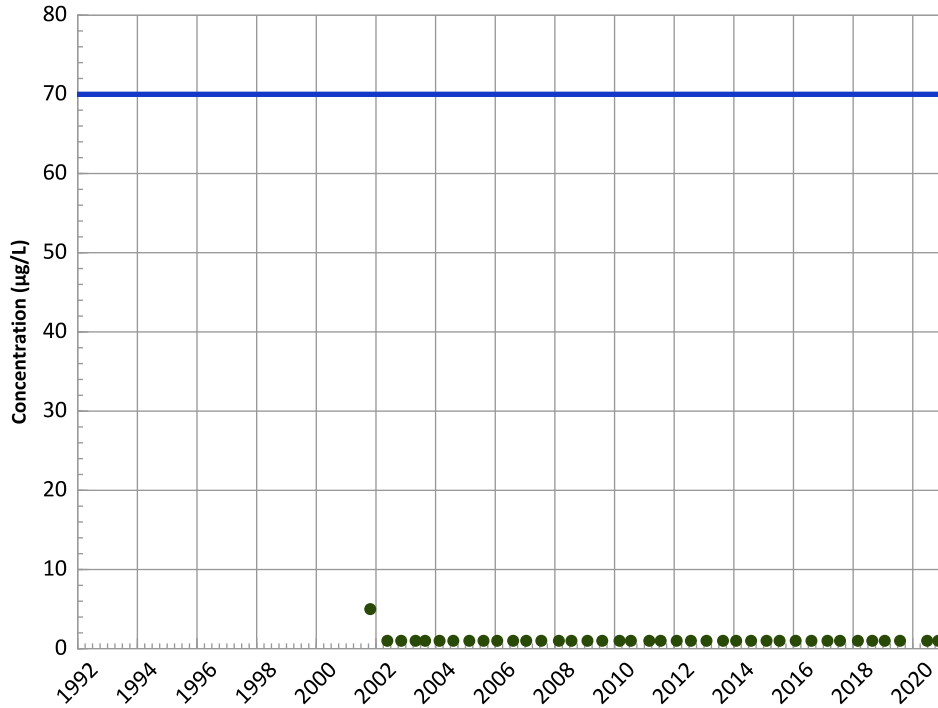
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

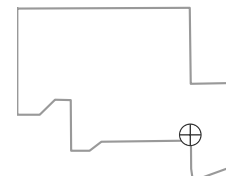
All Data:

All Non-Detect

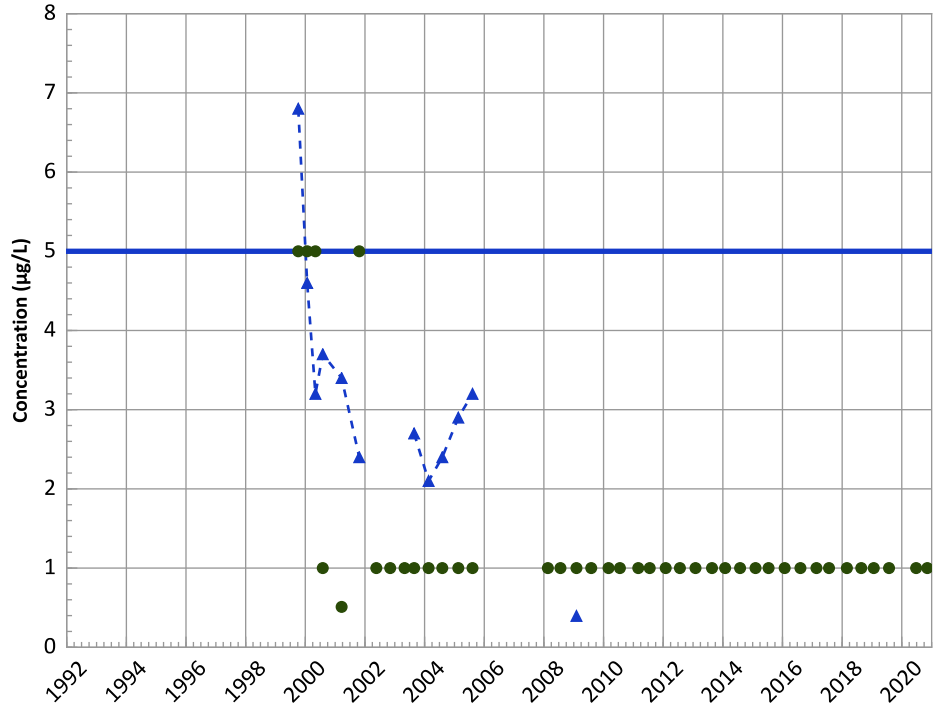
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

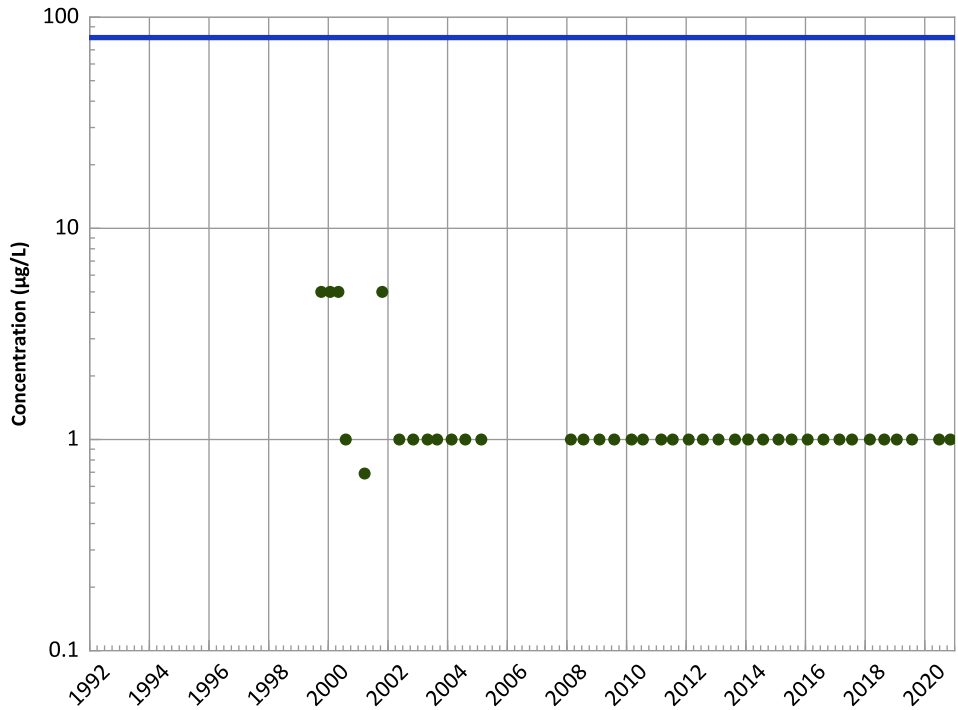
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Decreasing

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

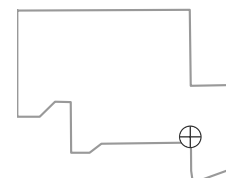
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

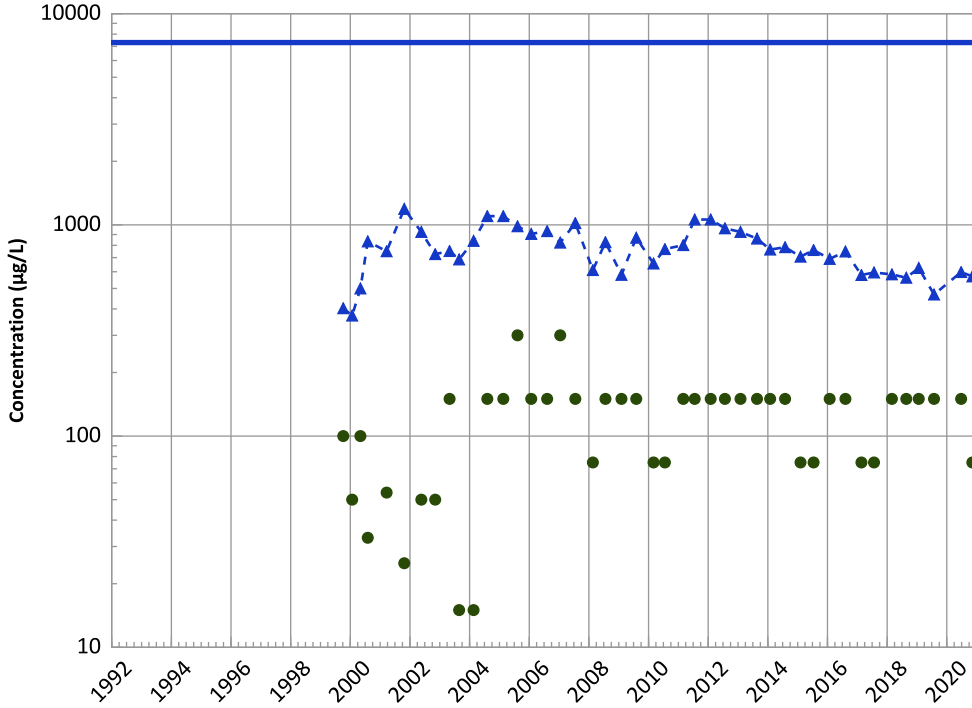


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

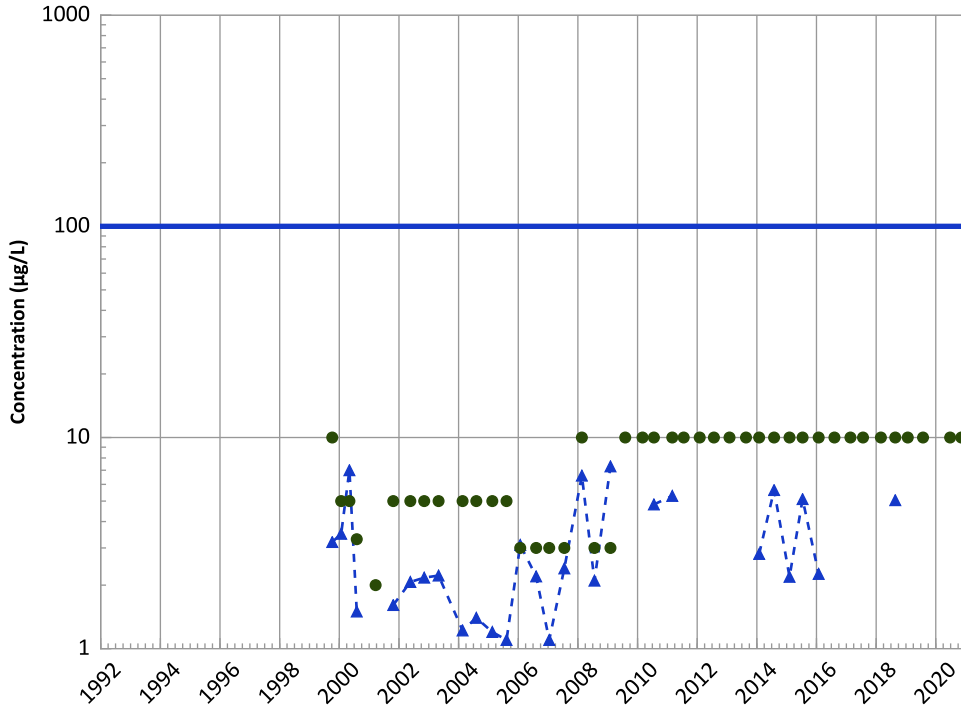
2018 - 2020 Data:

Stable

All Data:

Stable

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

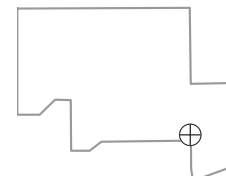
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

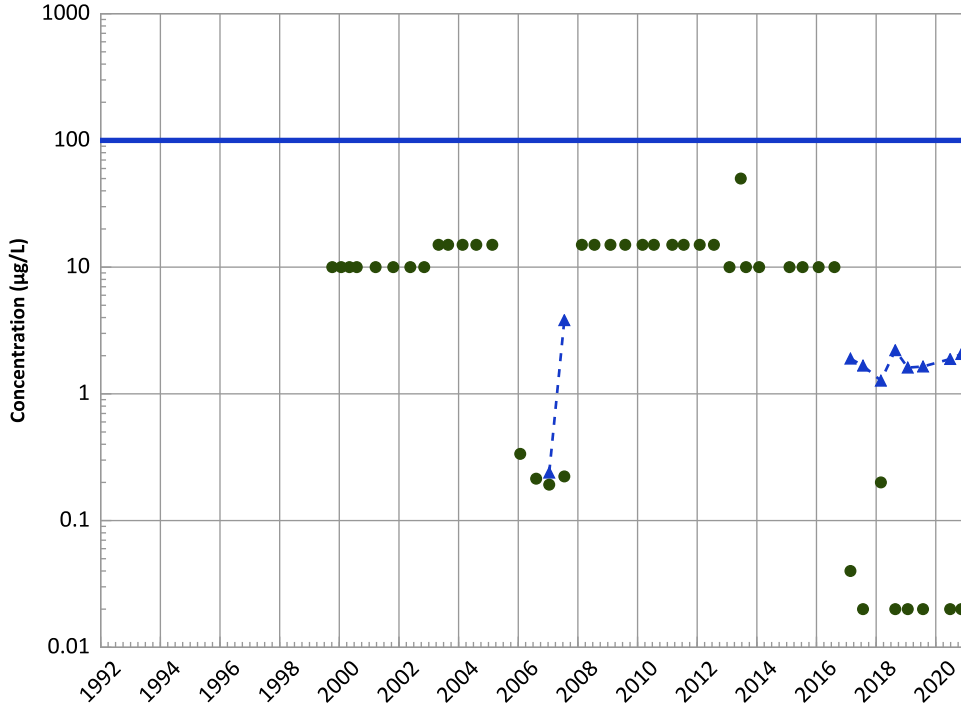
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

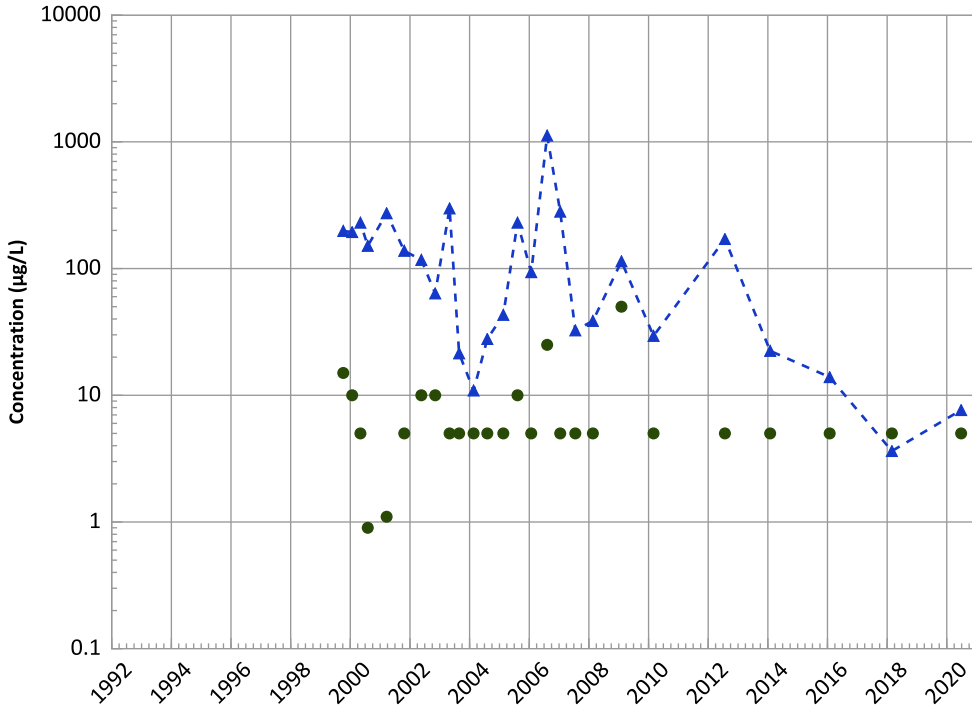
2018 - 2020 Data:

Increasing

All Data:

Probably Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

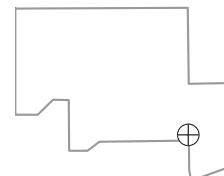
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

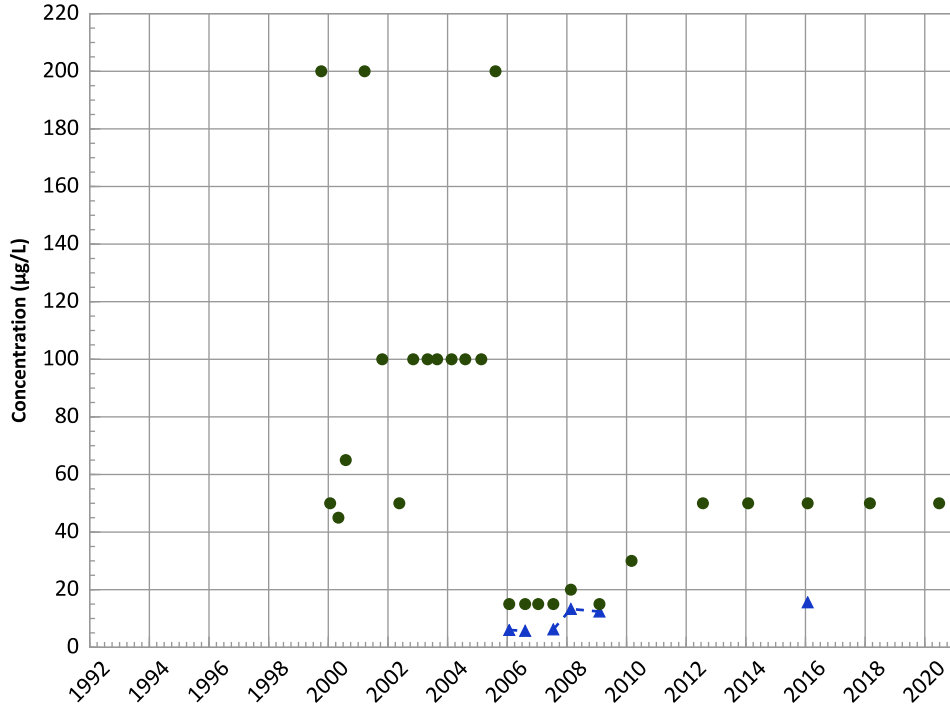
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

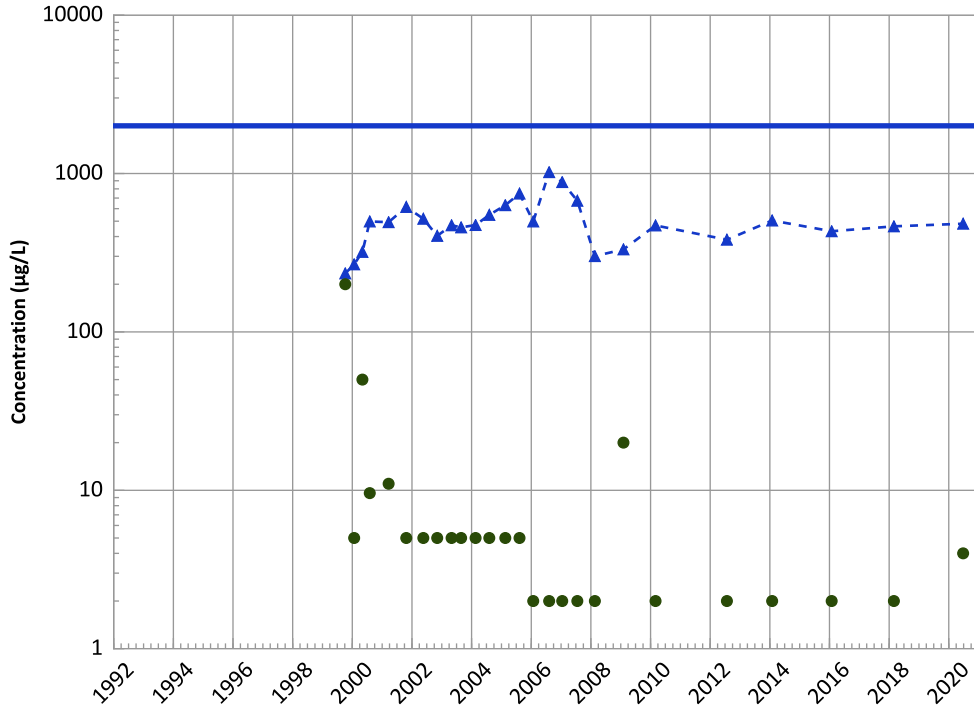


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Barium Trend



Concentration Trend

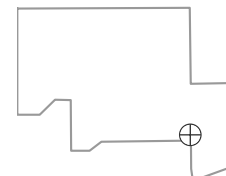
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

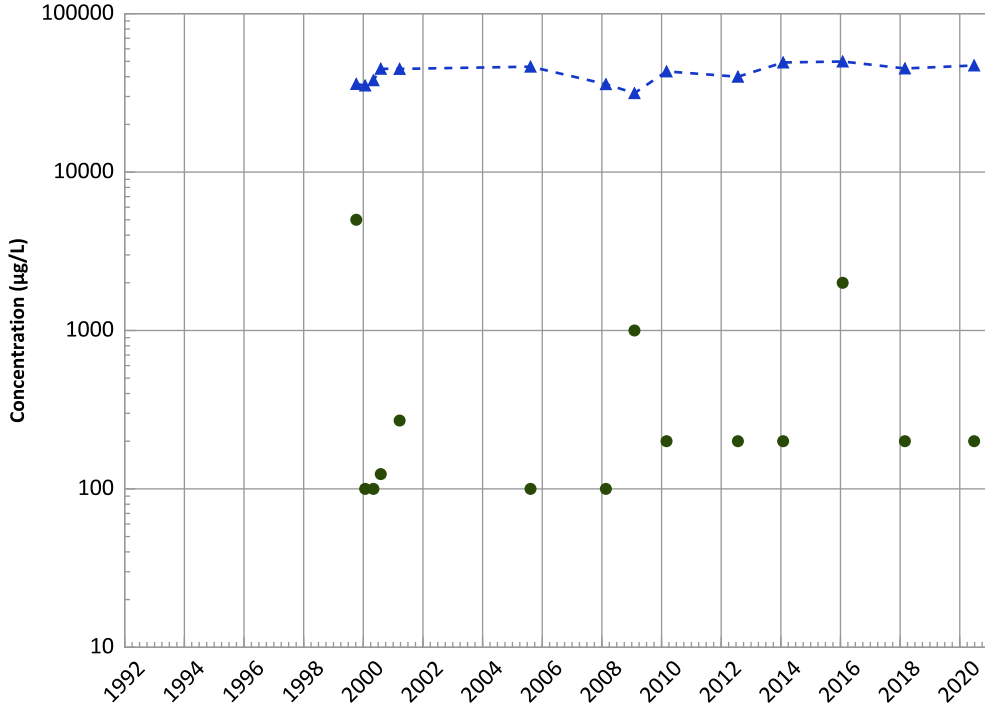
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

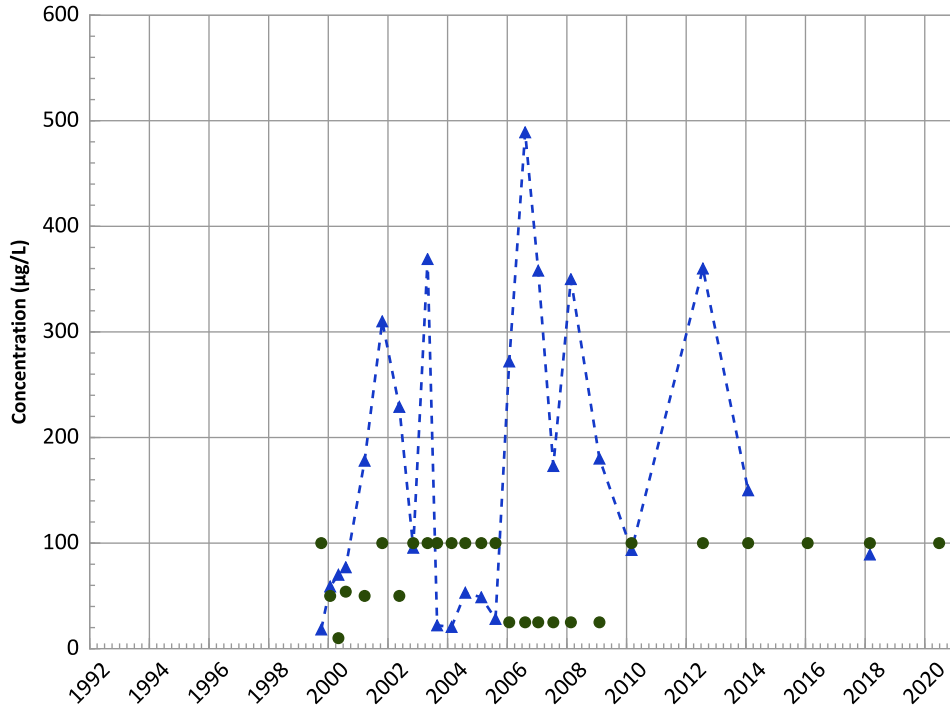
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

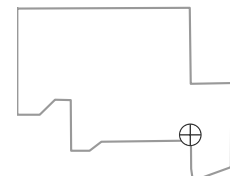
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Well Location

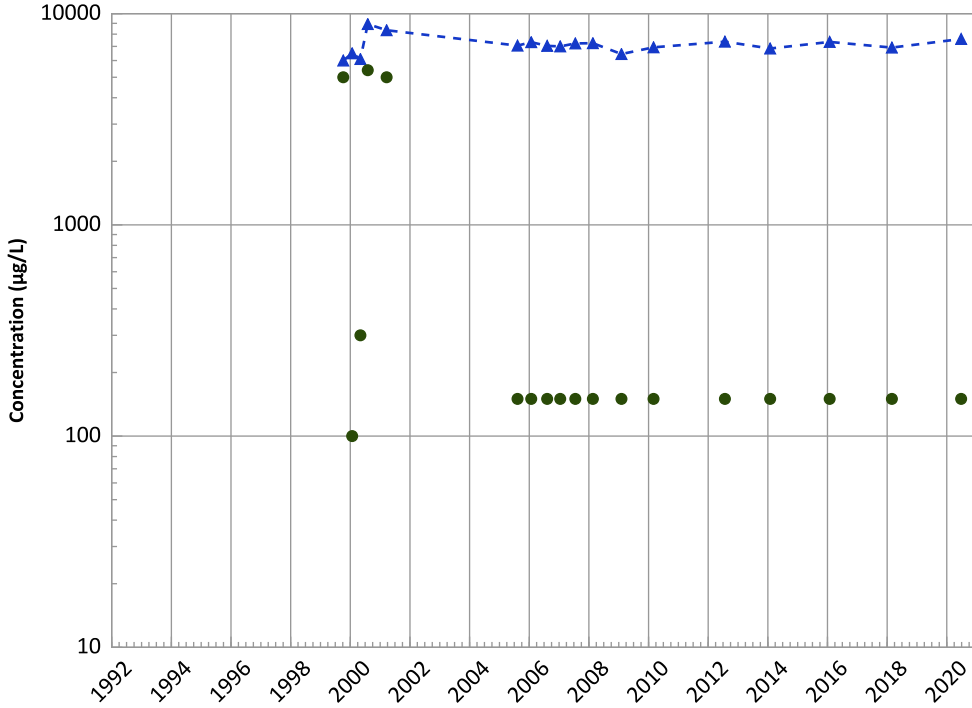


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

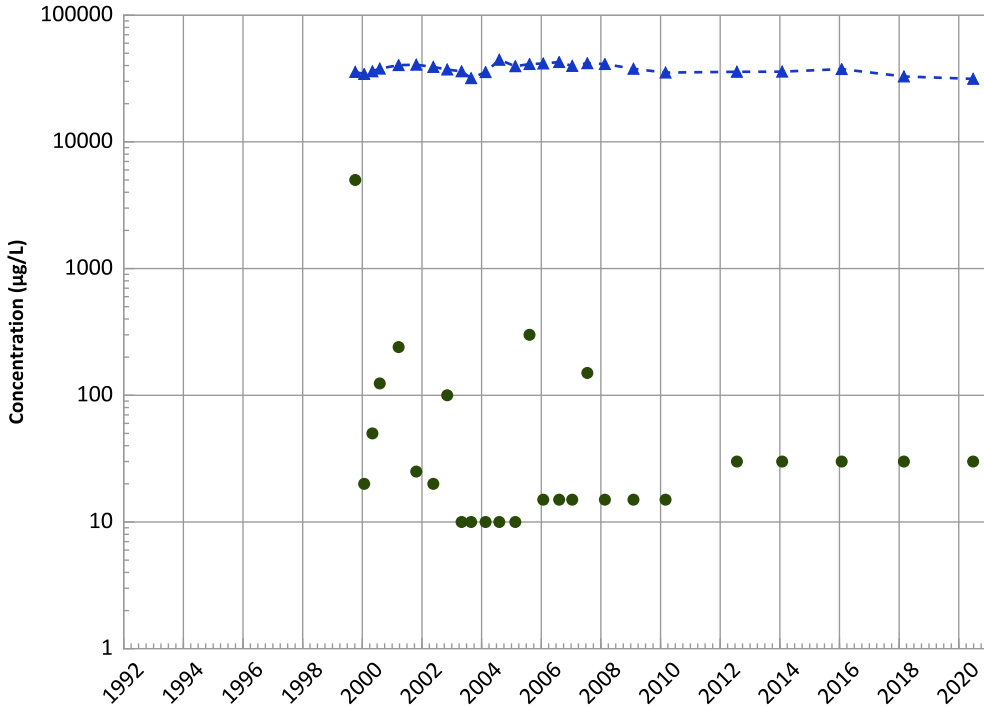
2018 - 2020 Data:

No Trend

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

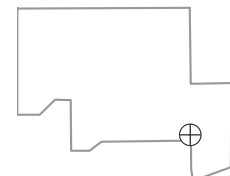
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Decreasing

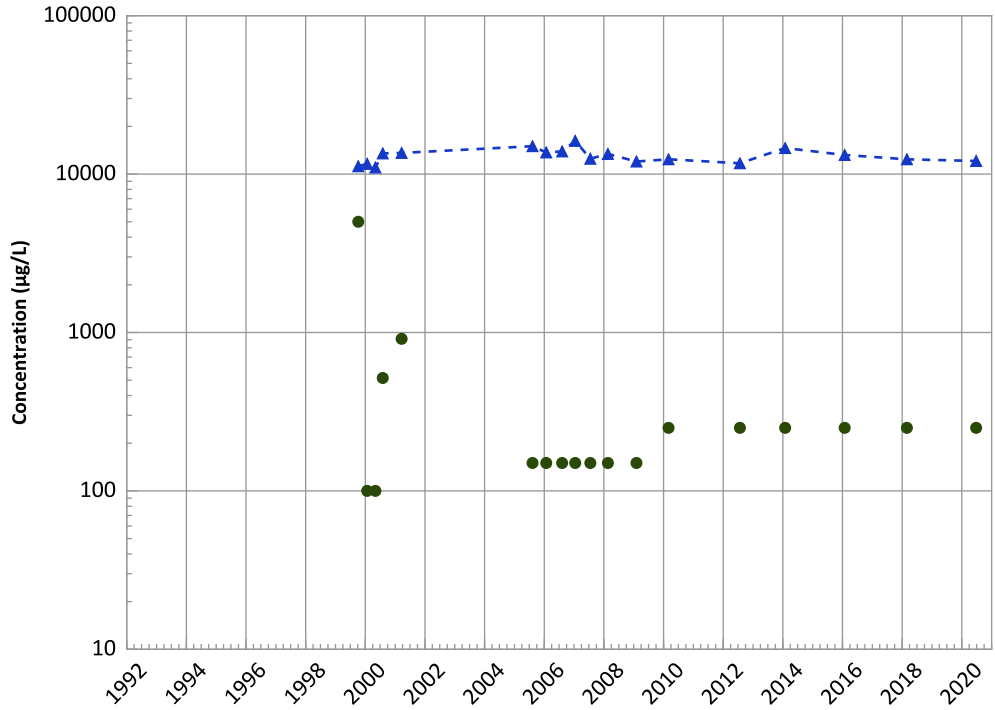
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/07/1999 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1042 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

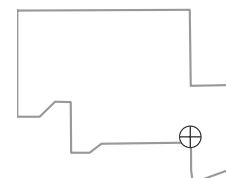
All Data:

Increasing

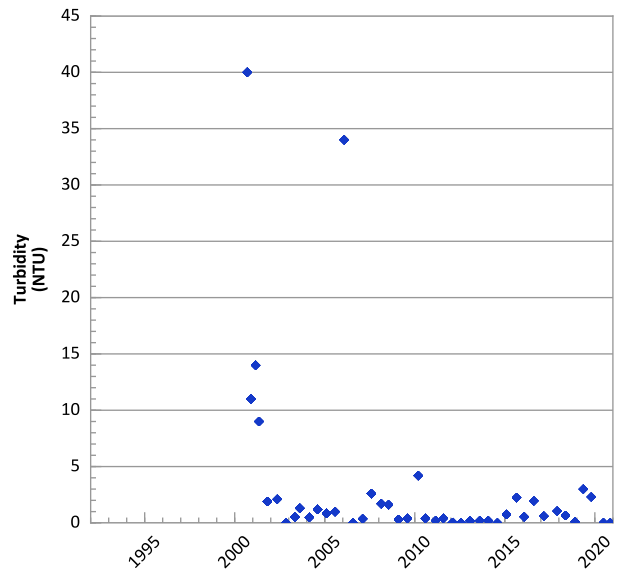
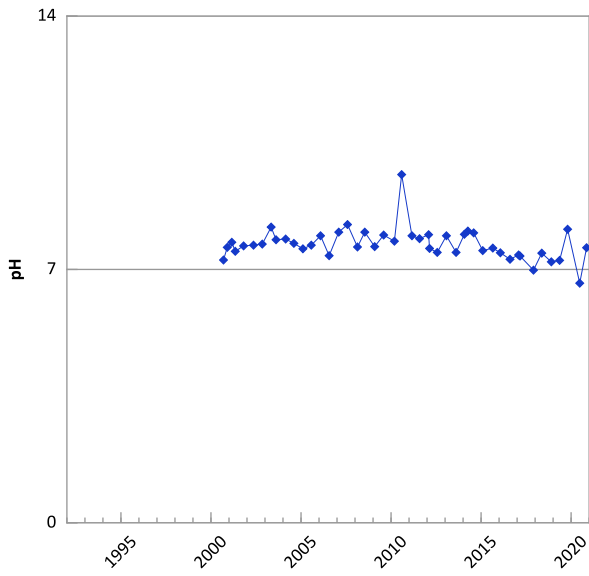
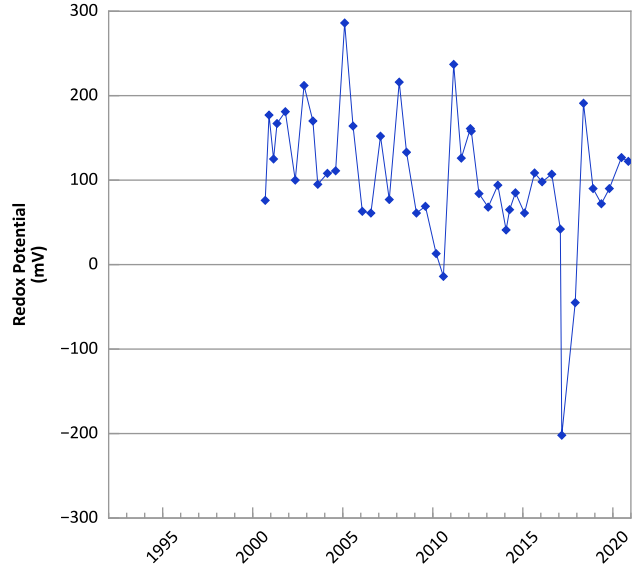
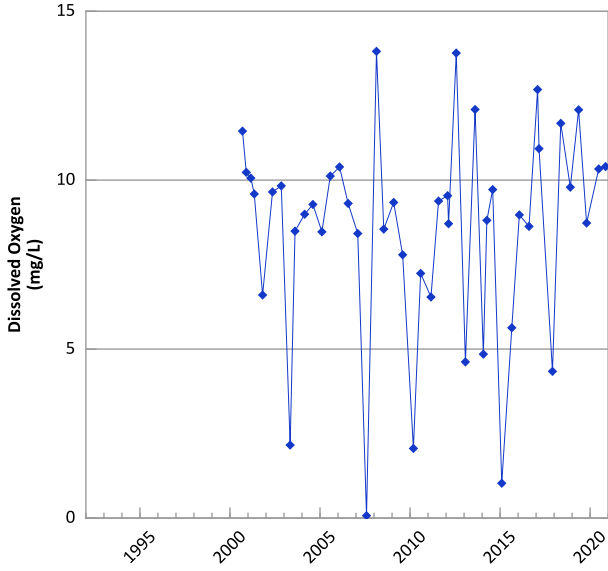
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/07/1999 to 11/09/2020
 Analysis Date: 06/03/2021

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

Well Location

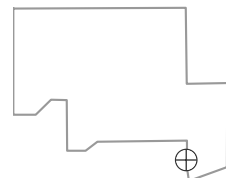


**PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



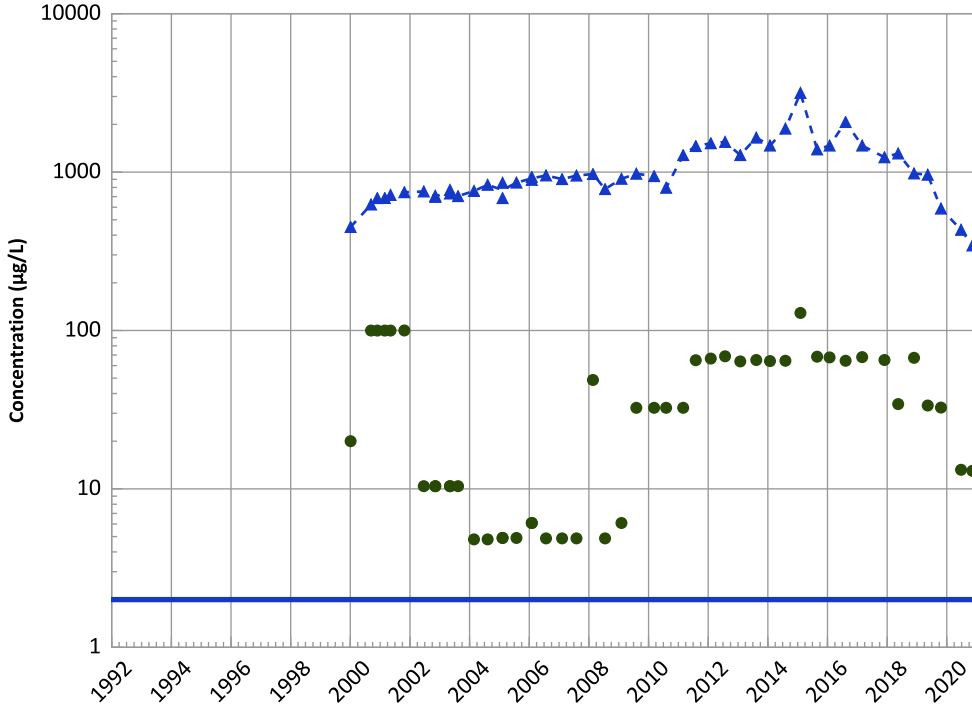
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

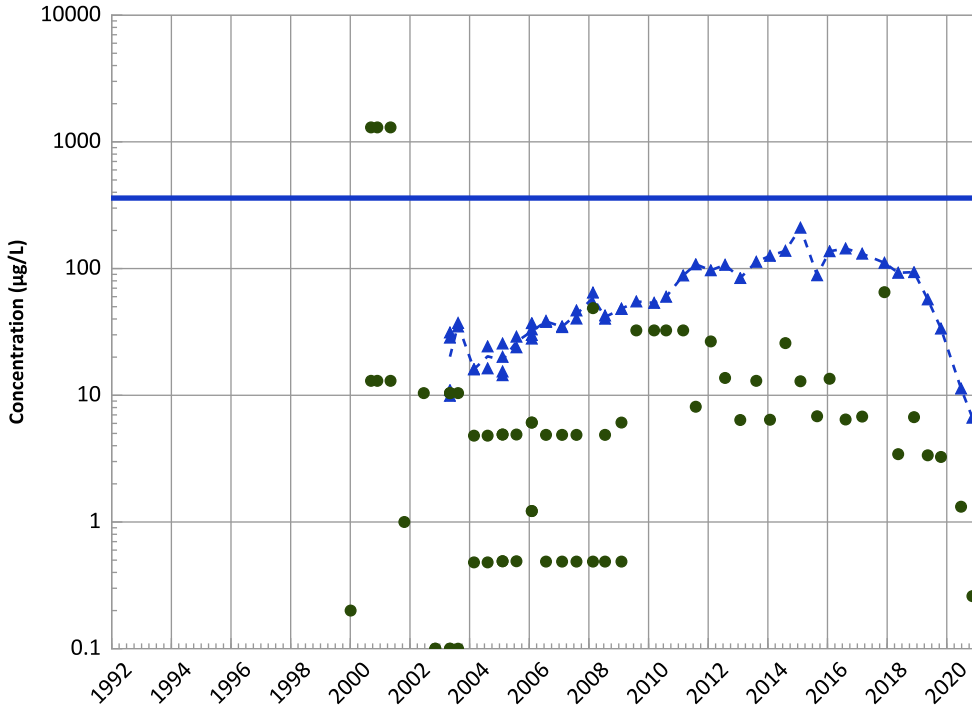
2018 - 2020 Data:

Decreasing

All Data:

Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

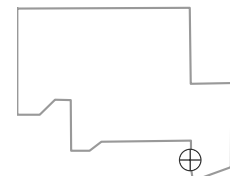
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

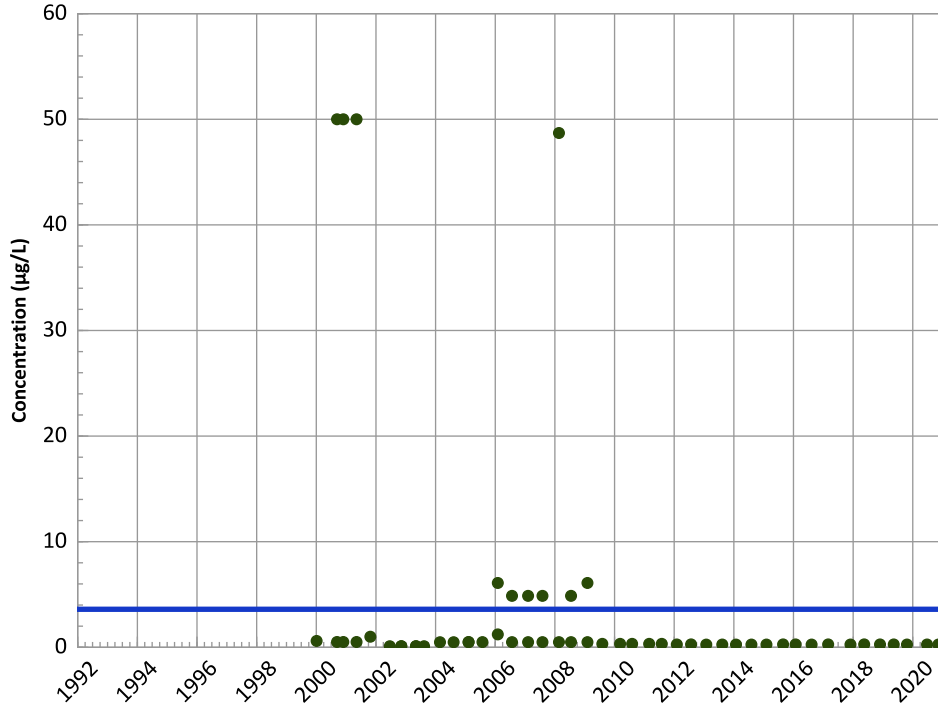
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

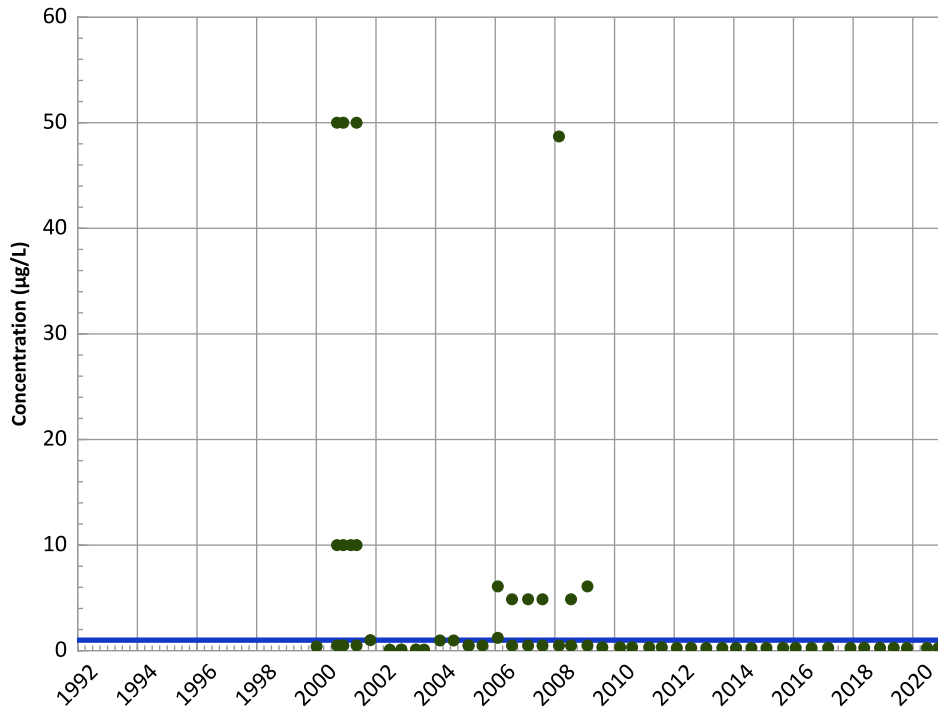
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

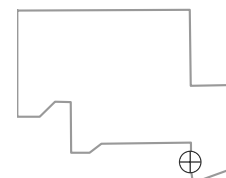
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

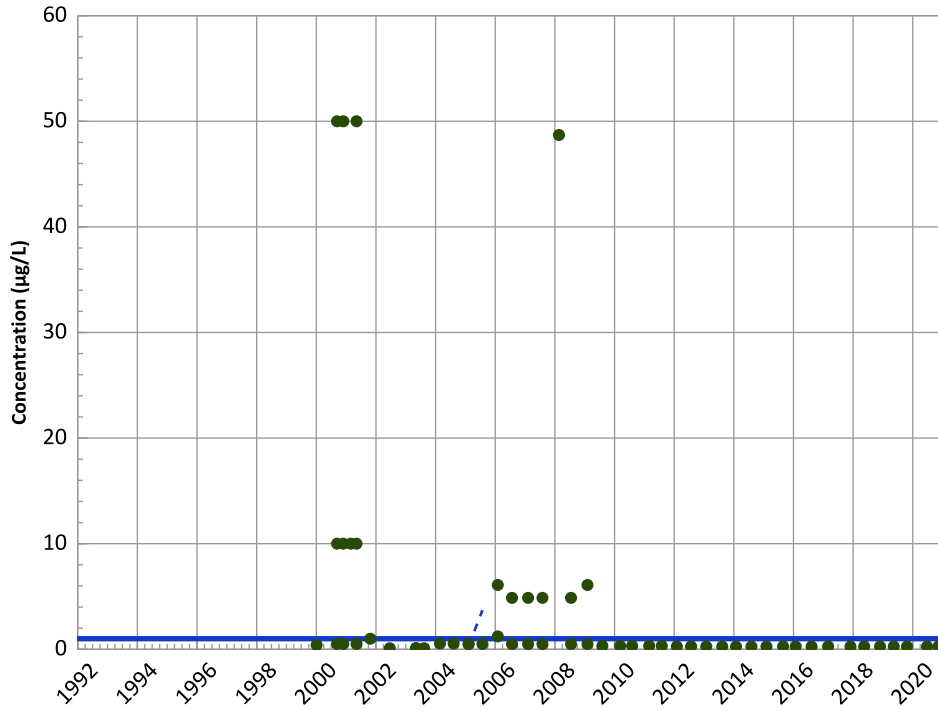
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

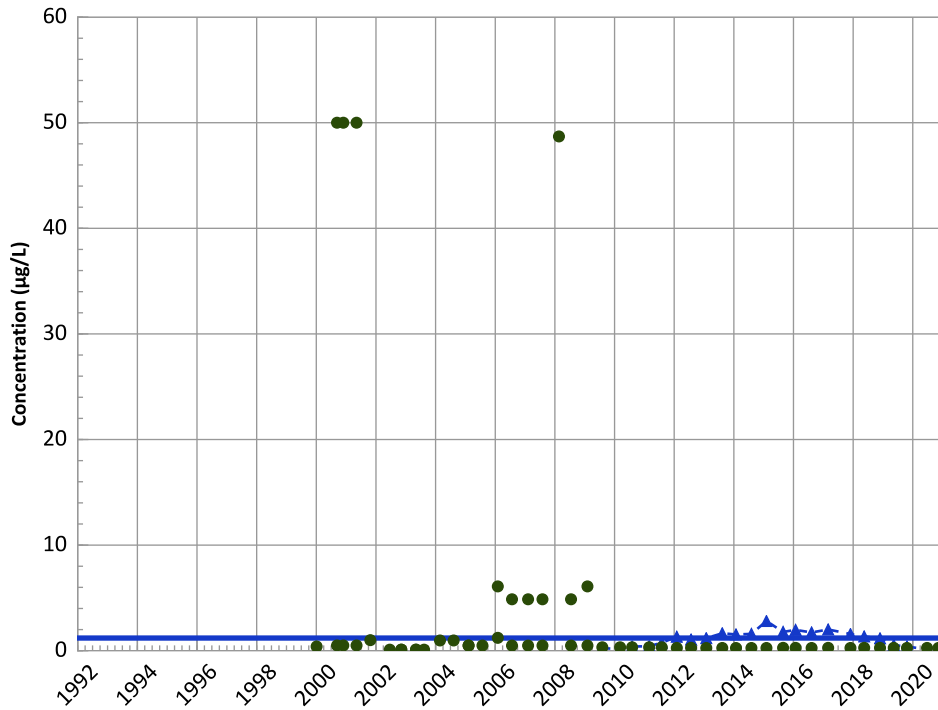
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

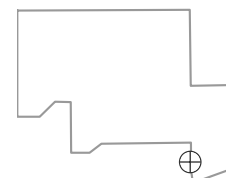
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

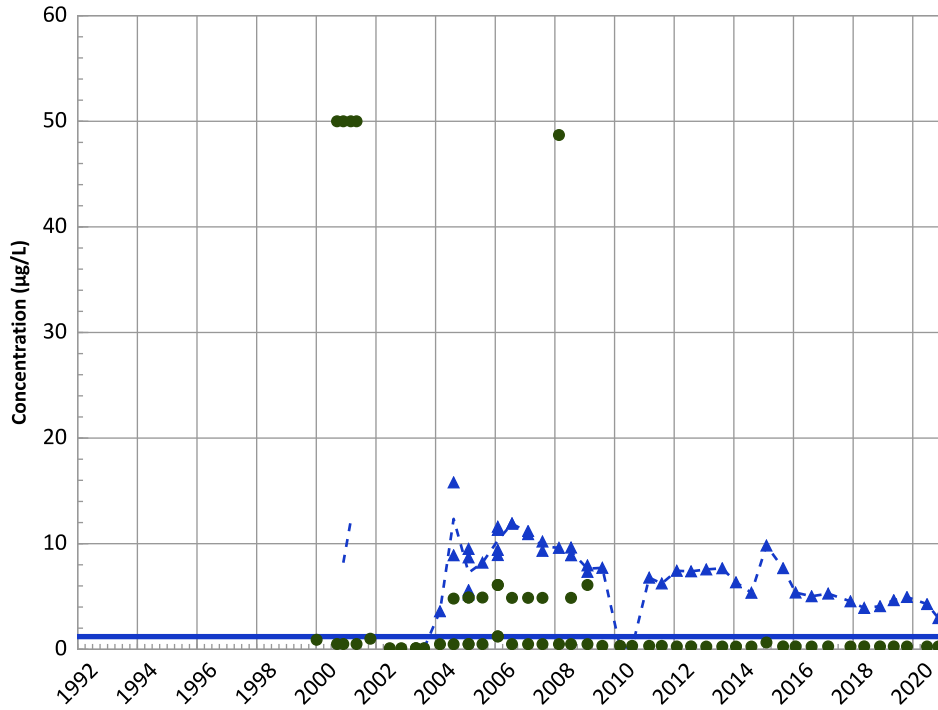
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

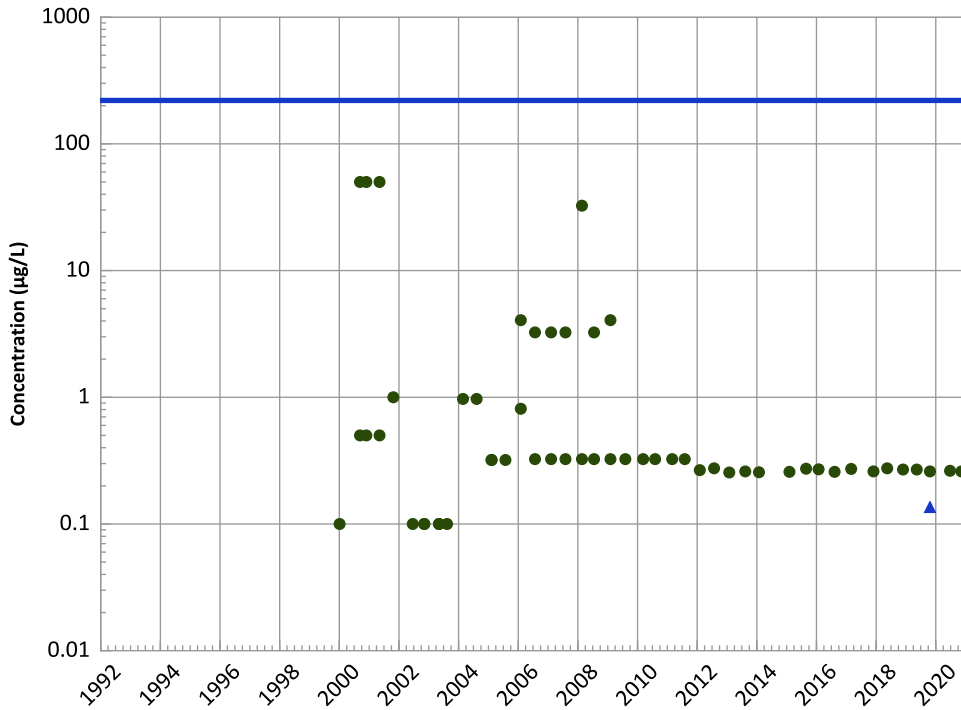
2018 - 2020 Data:

Decreasing

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

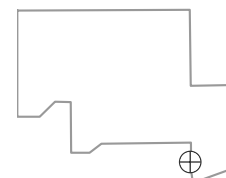
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

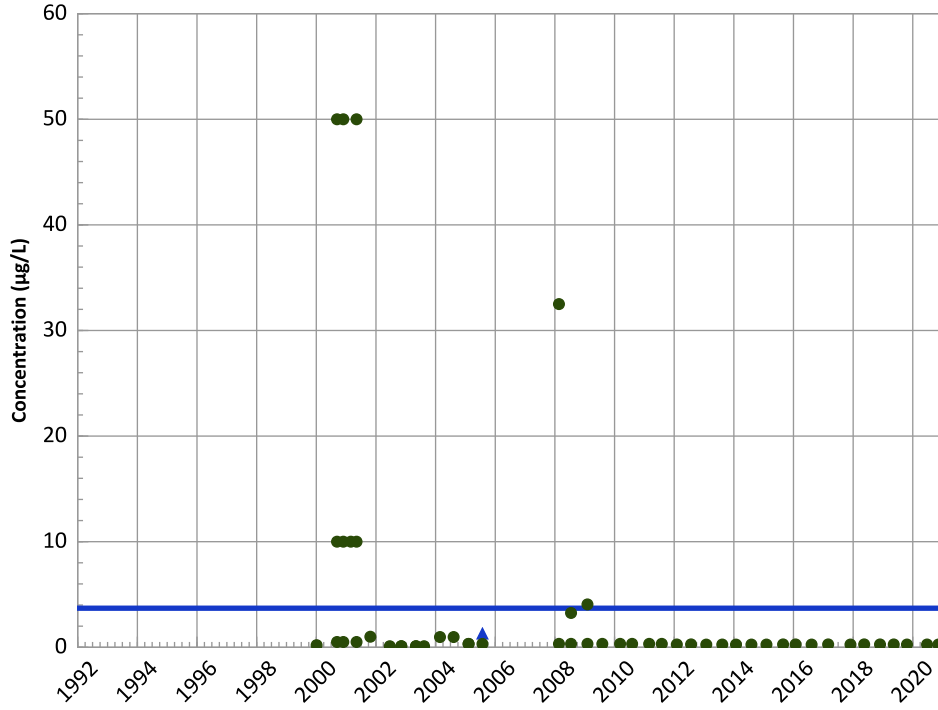


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

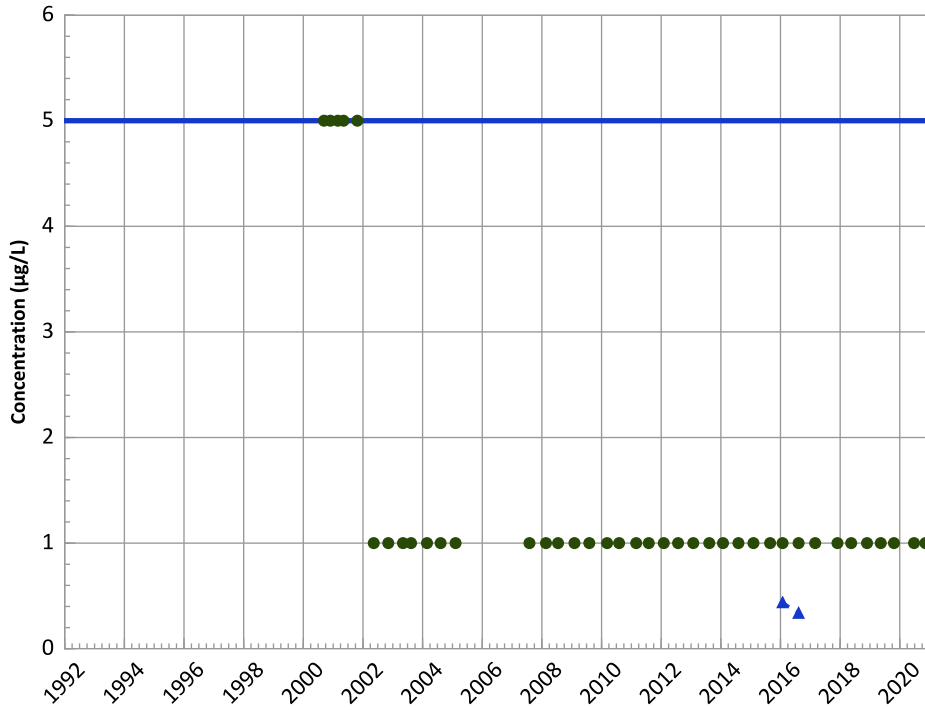
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

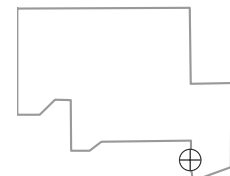
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

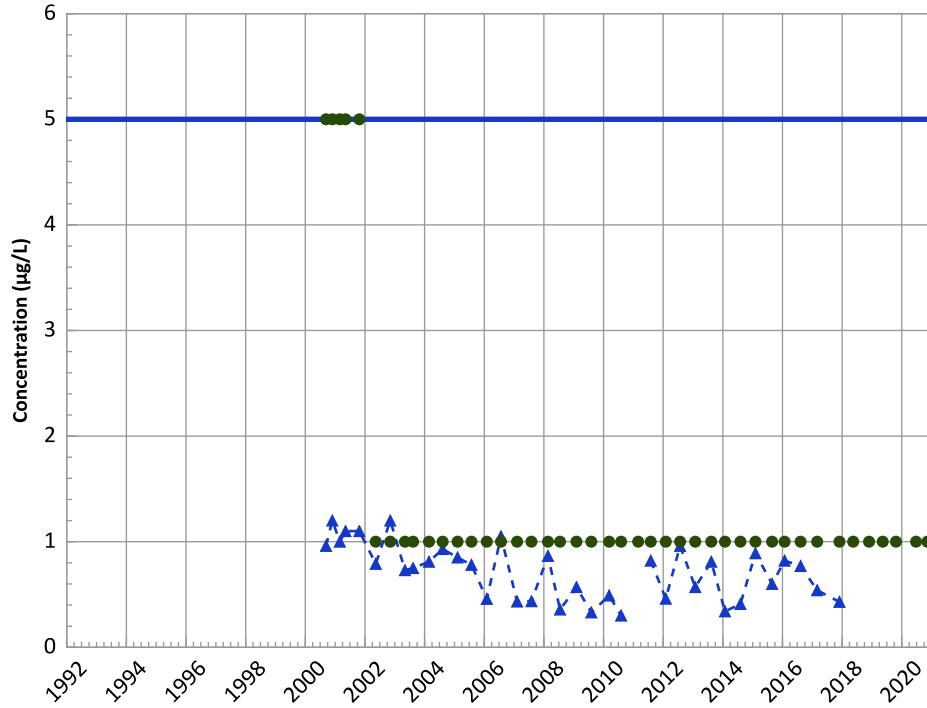
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

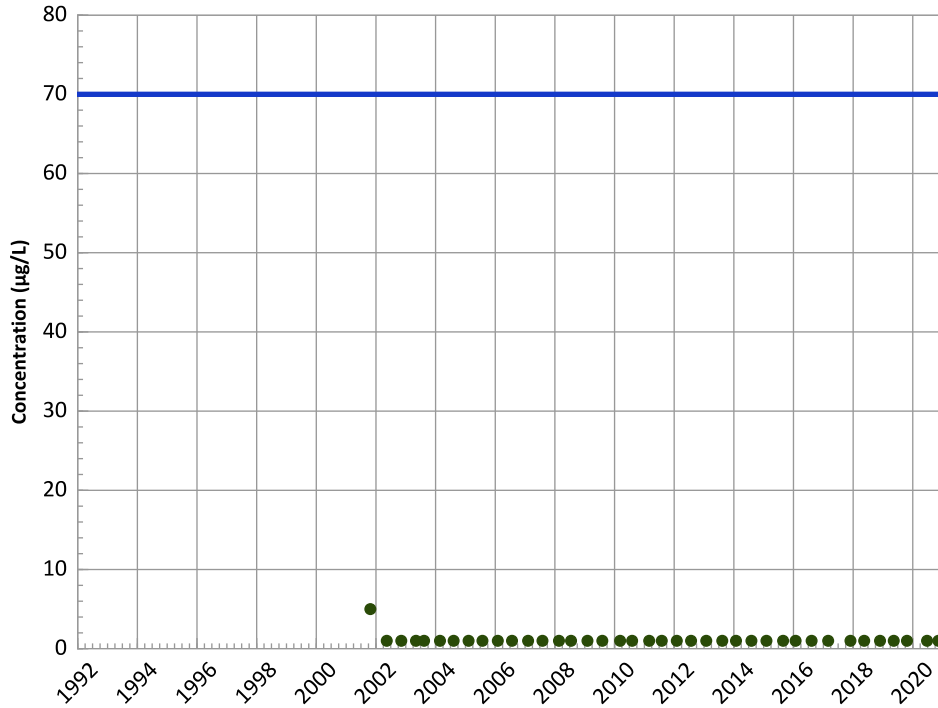
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

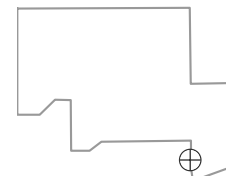
All Data:

All Non-Detect

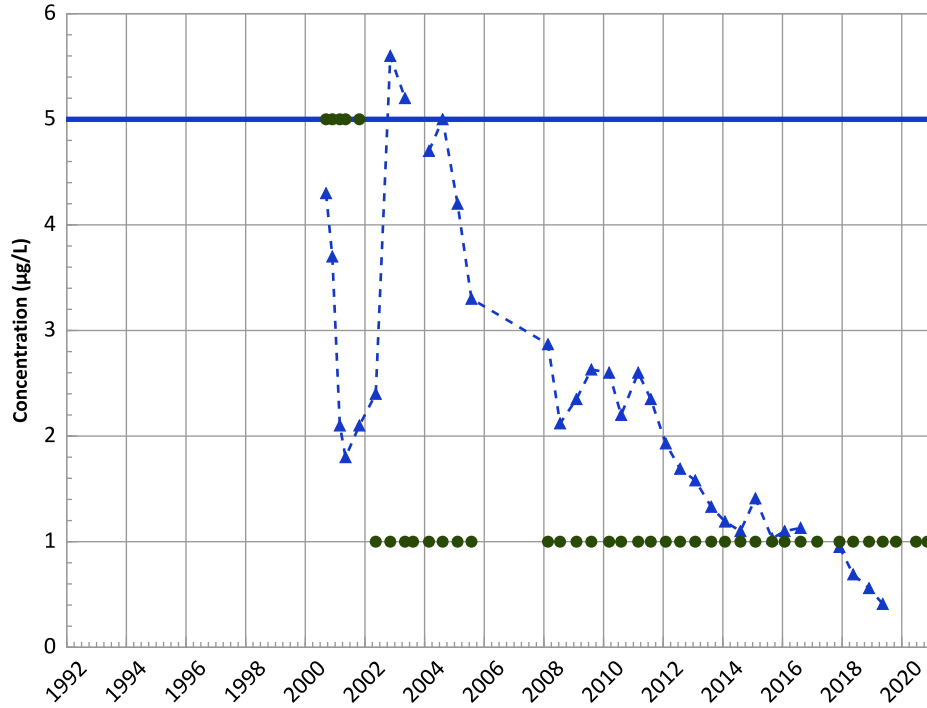
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

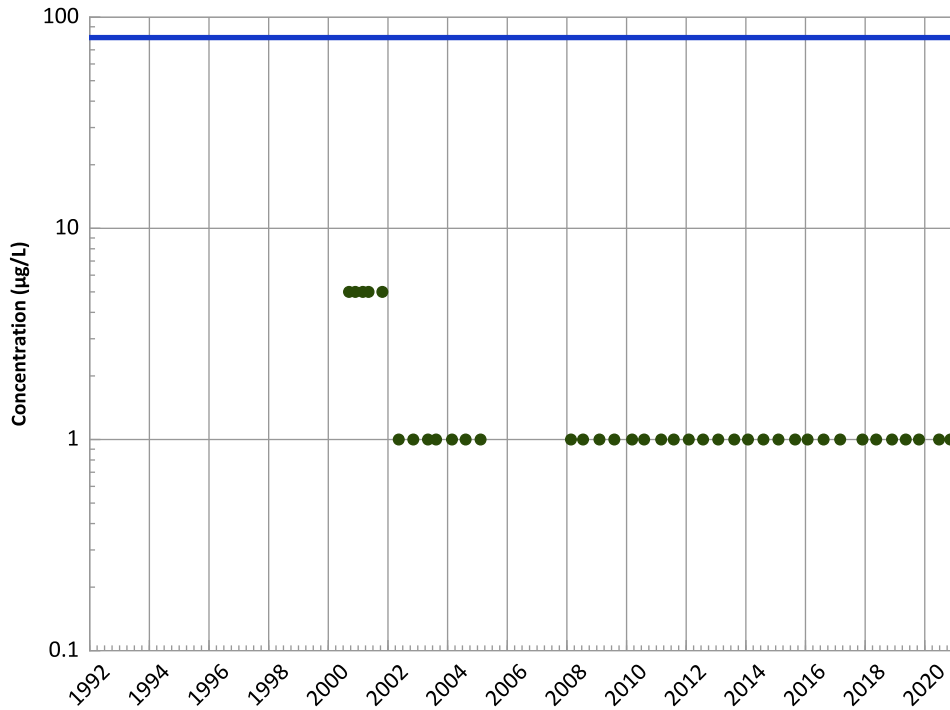


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Chloroform Trend



Concentration Trend

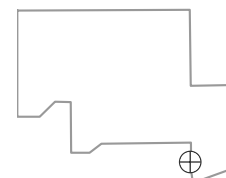
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

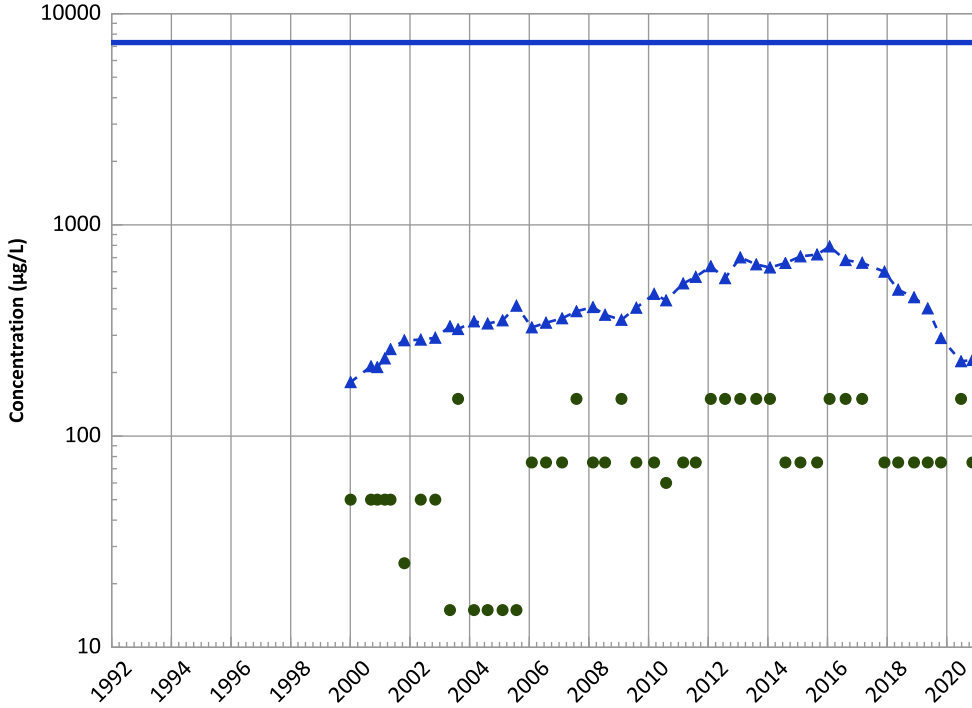
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

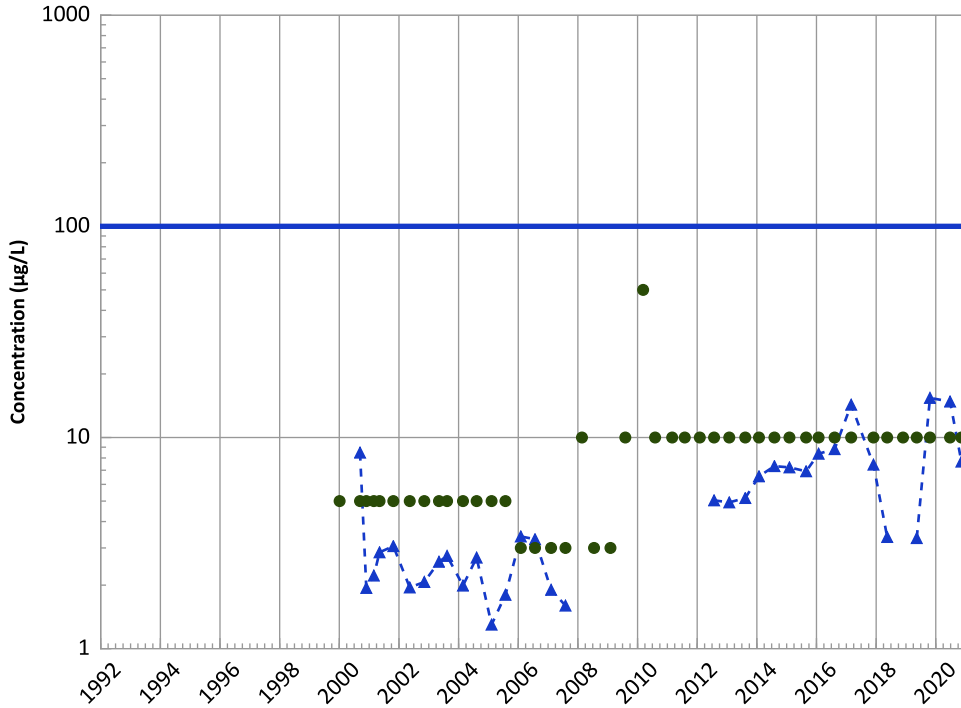
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

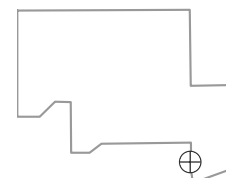
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

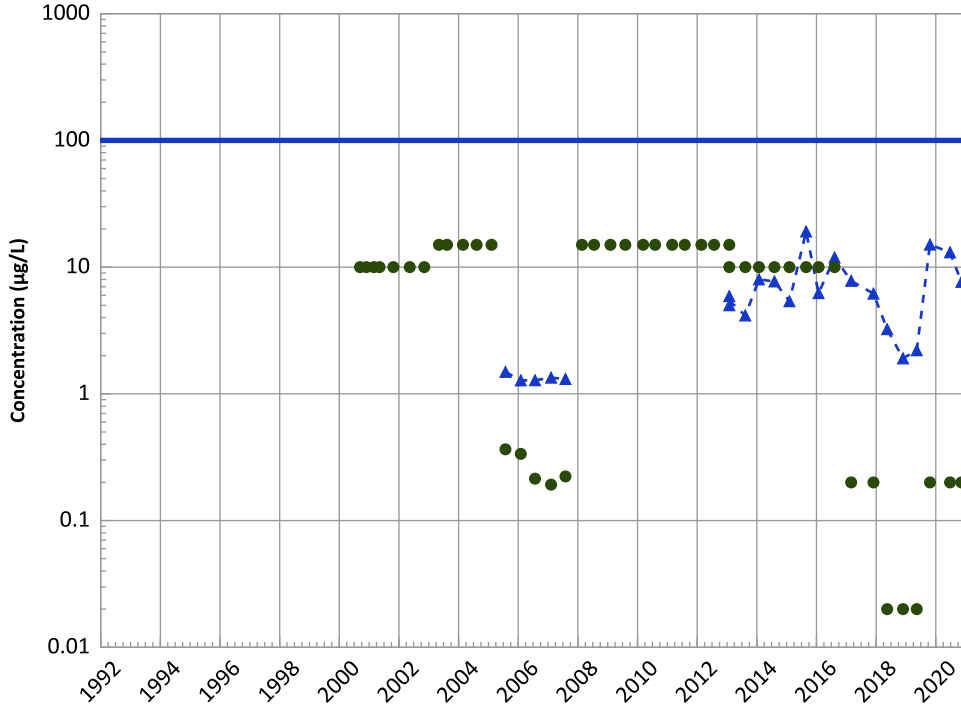
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

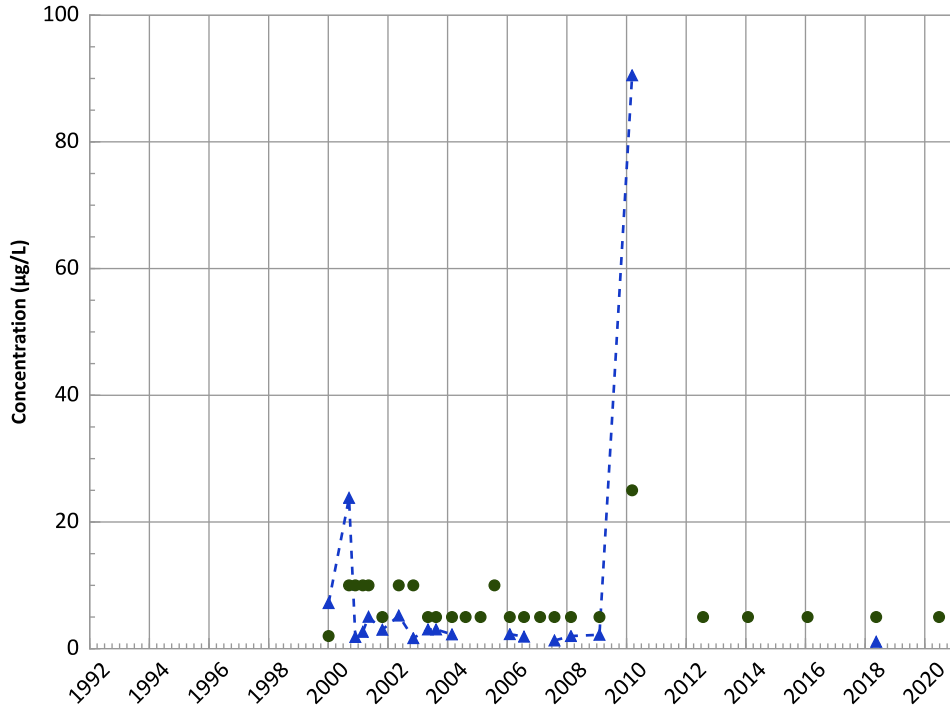
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

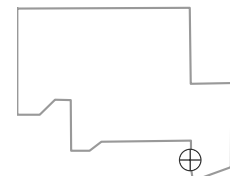
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

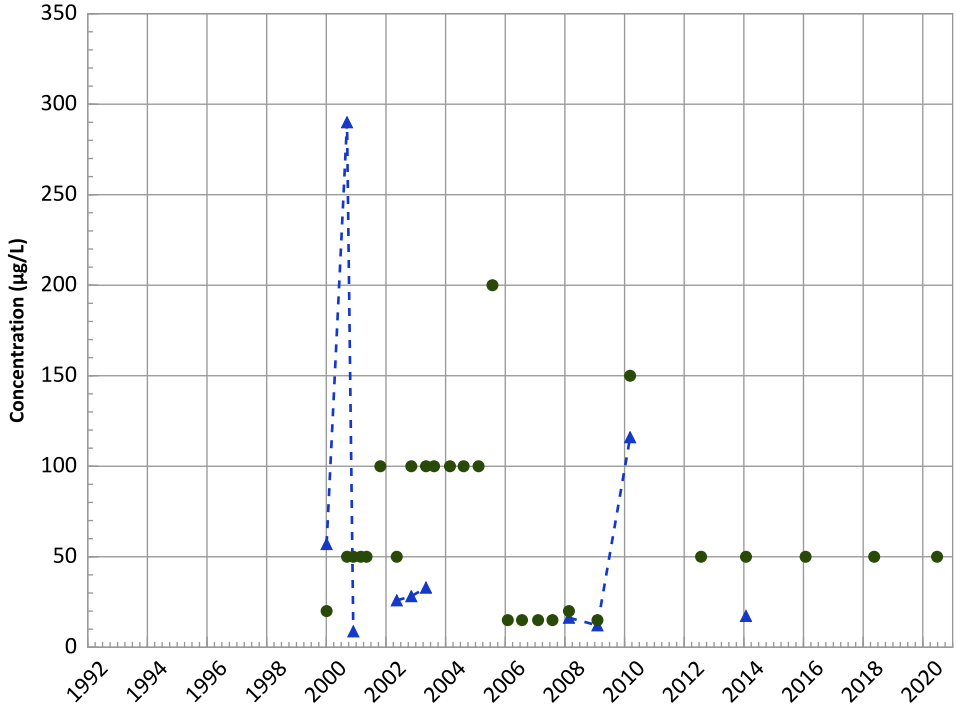
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

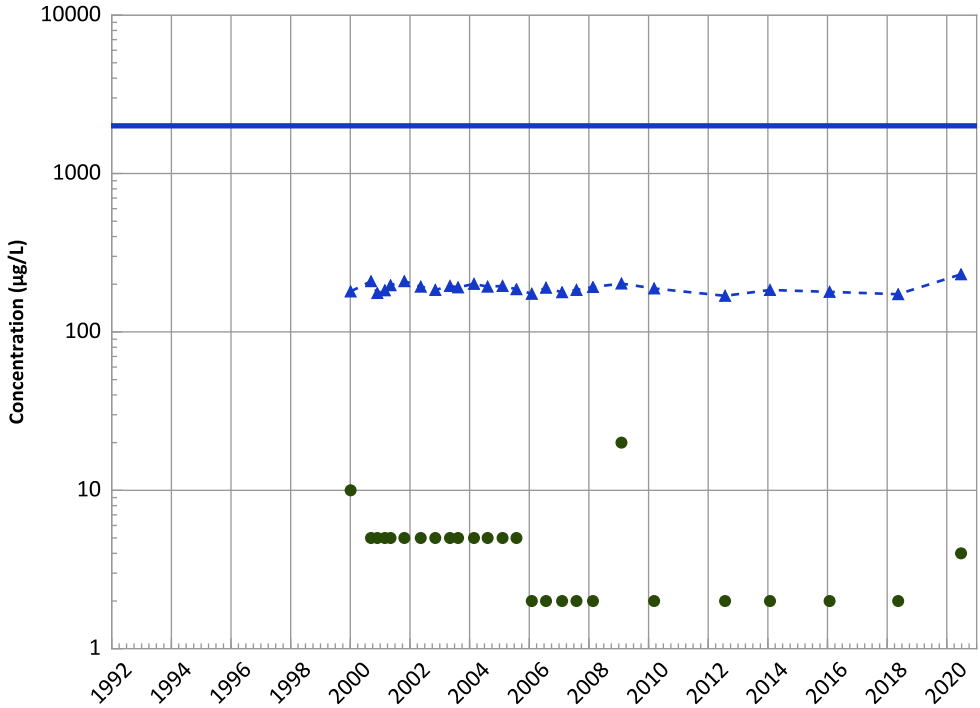
2018 - 2020 Data:

Decreasing

All Data:

No Trend

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

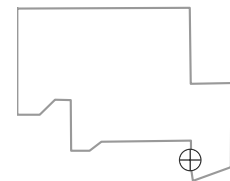
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

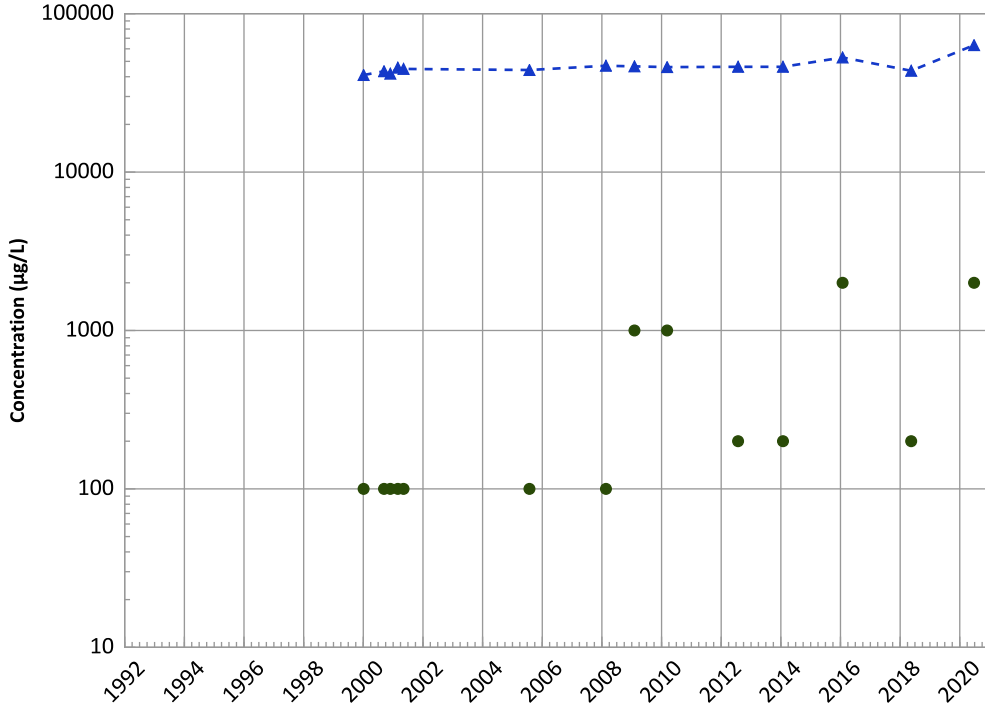
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

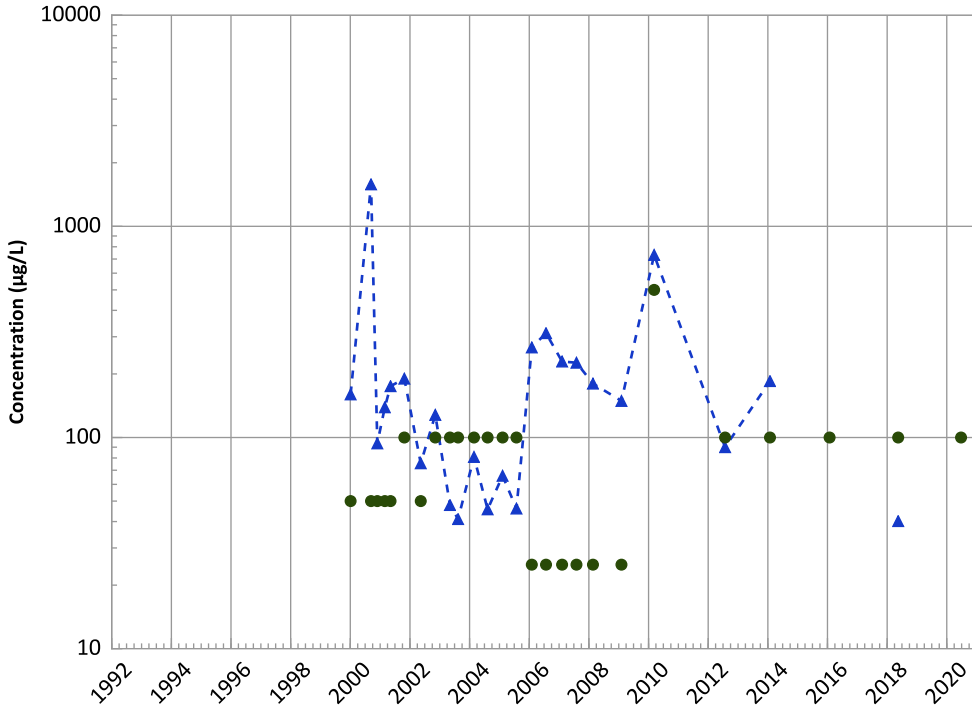
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

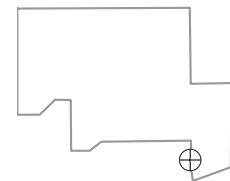
2018 - 2020 Data:

Decreasing

All Data:

No Trend

Well Location

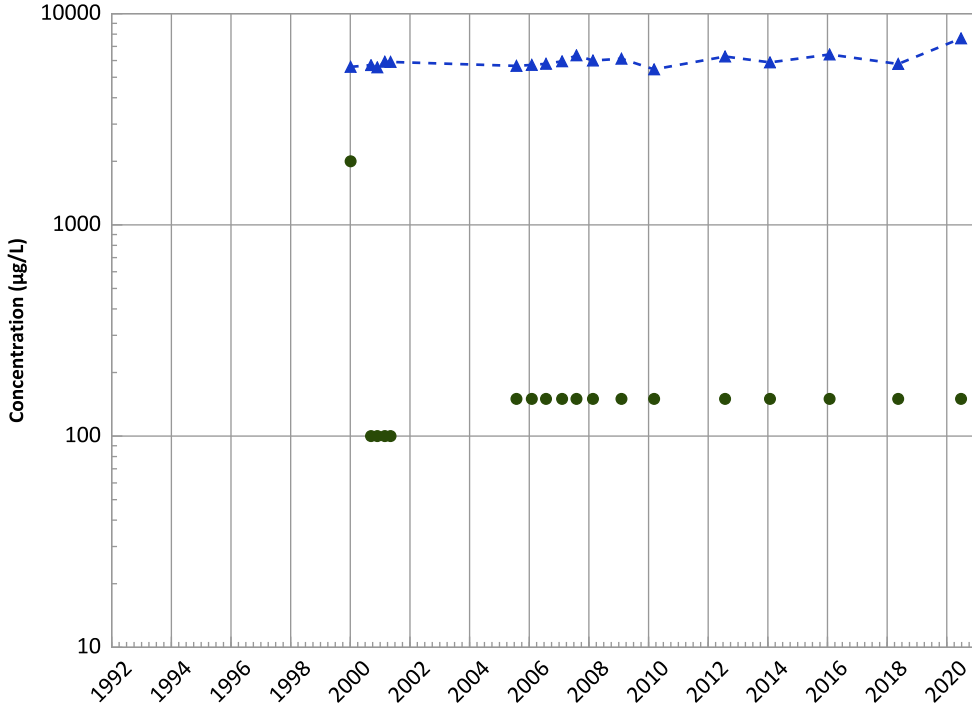


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

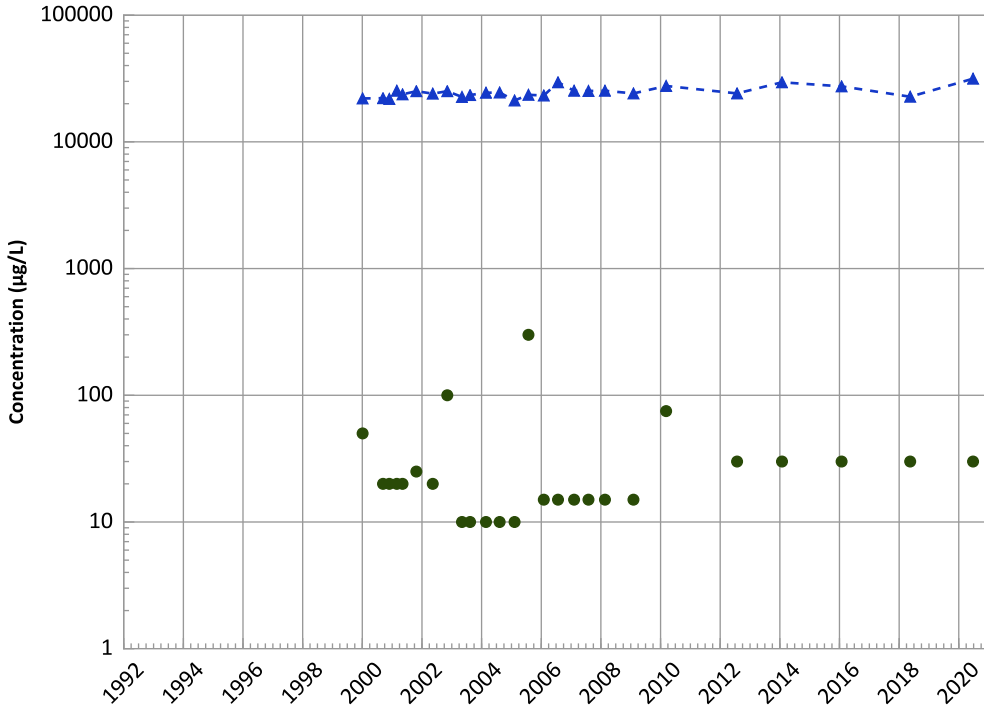
2018 - 2020 Data:

No Trend

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

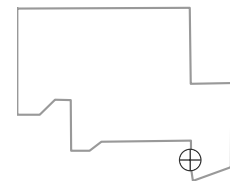
2018 - 2020 Data:

Stable

All Data:

Increasing

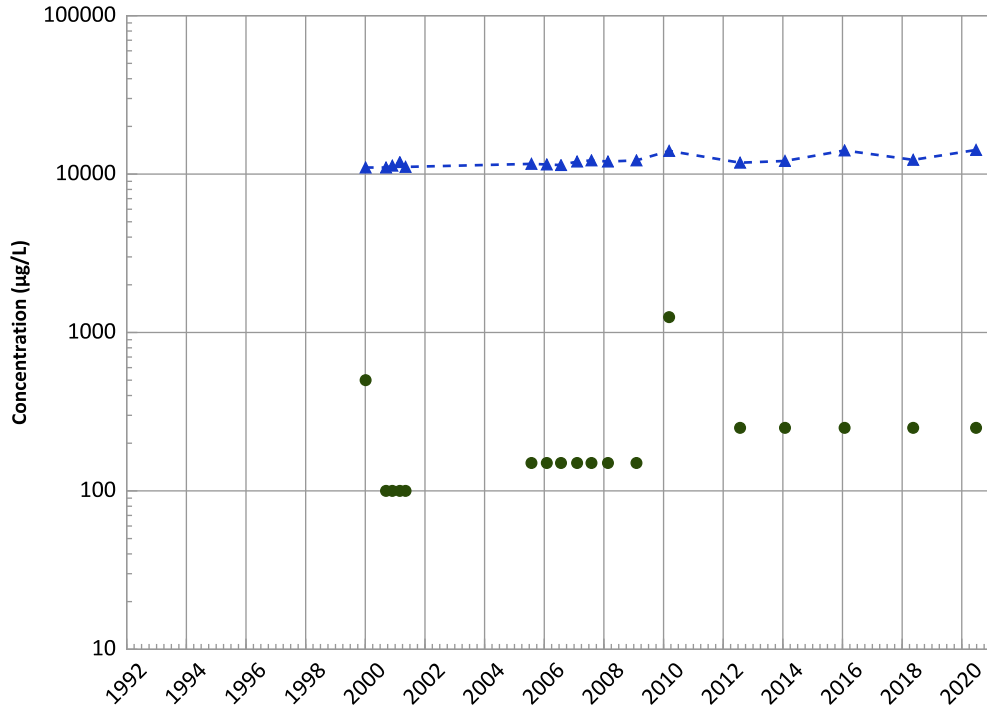
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/05/2000 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1046 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

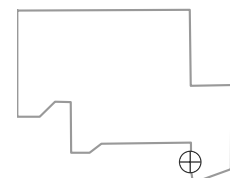
All Data:

Increasing

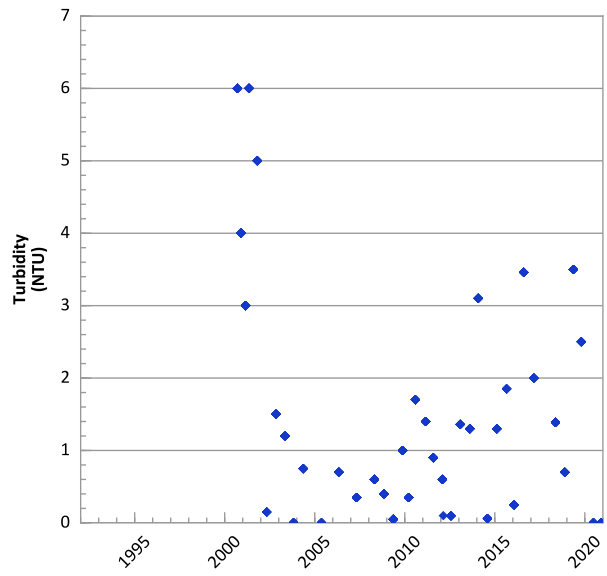
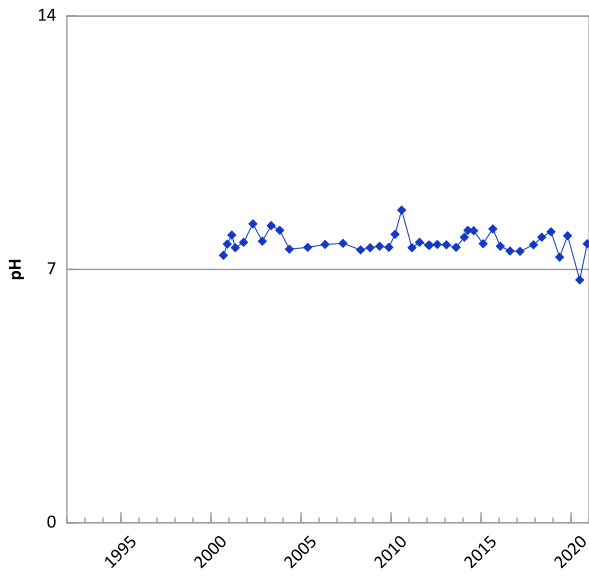
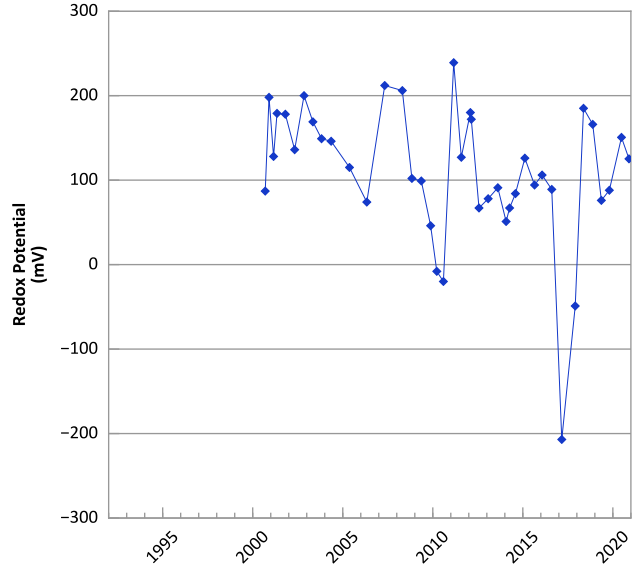
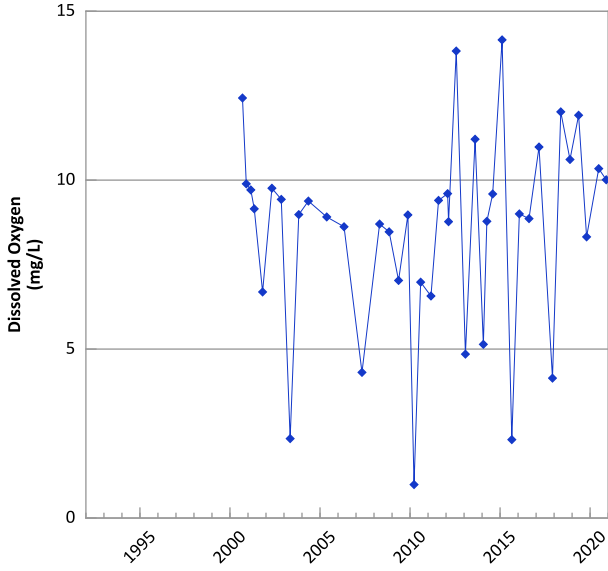
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/05/2000 to 11/10/2020
 Analysis Date: 06/03/2021

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

Well Location

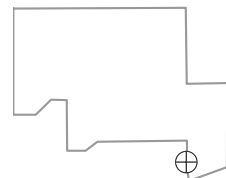


**PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



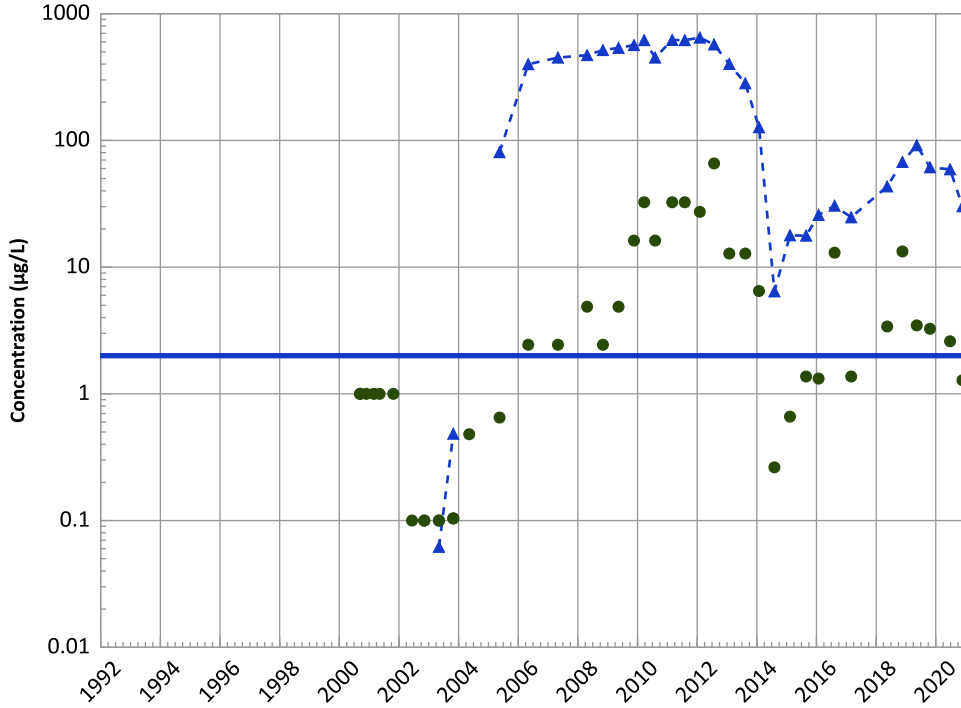
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/11/2000 to 11/23/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

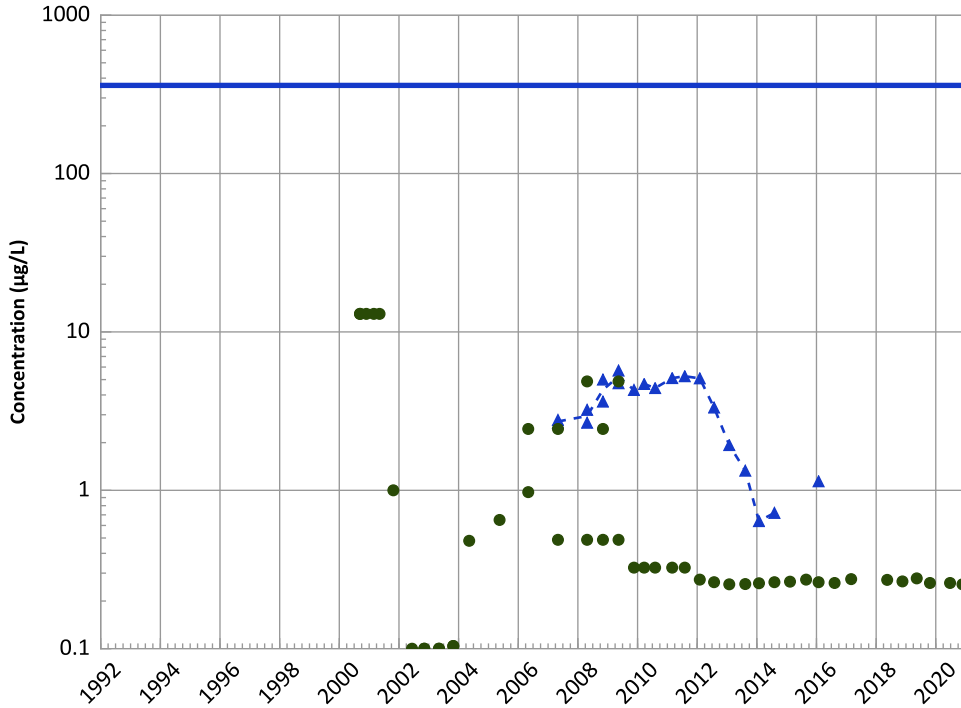
2018 - 2020 Data:

Decreasing

All Data:

No Trend

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

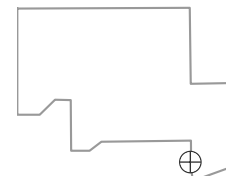
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 09/11/2000 to 11/23/2020

Analysis Date: 06/03/2021

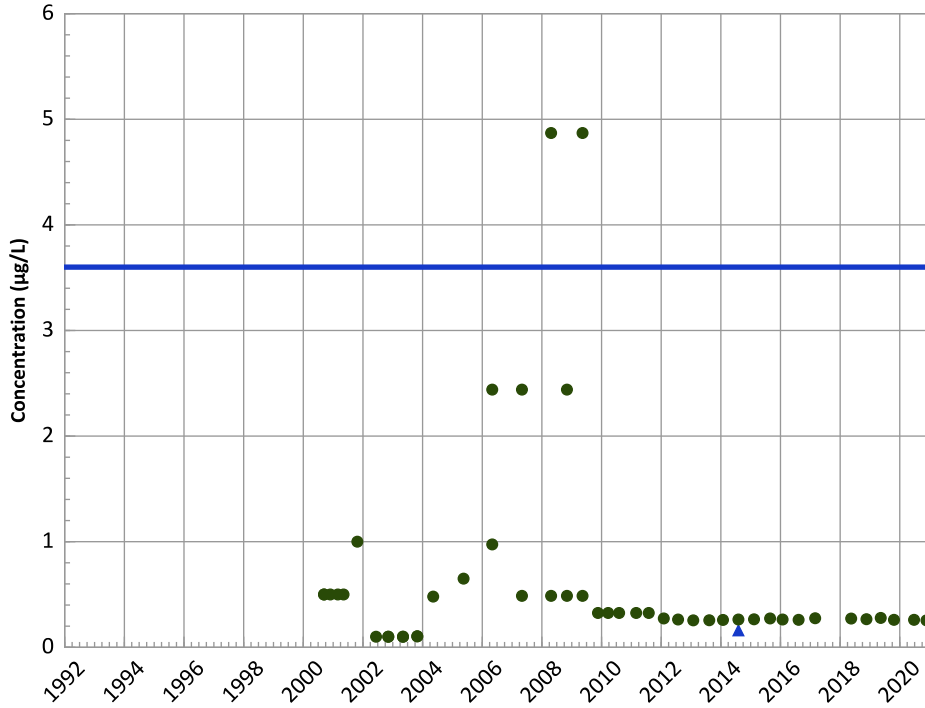
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

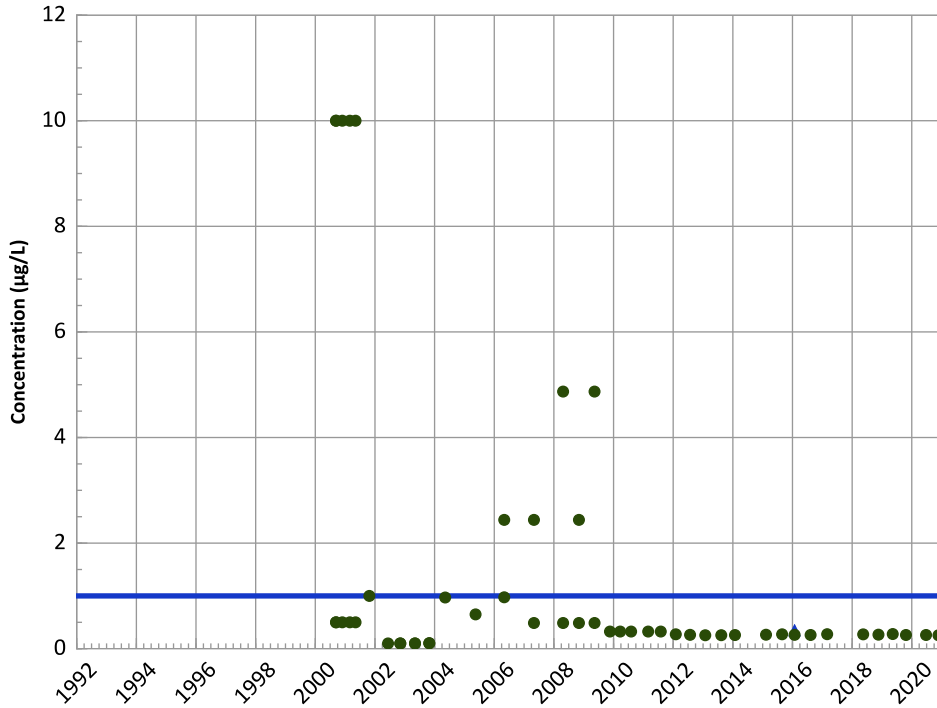
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

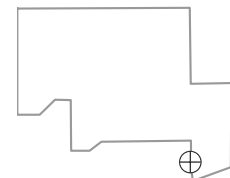
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

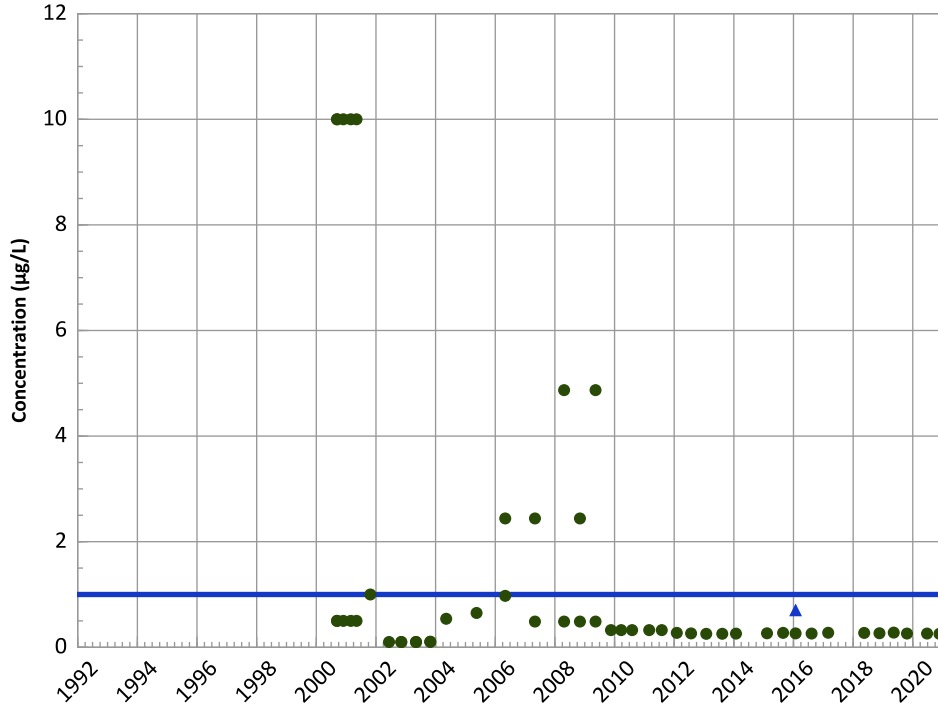
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

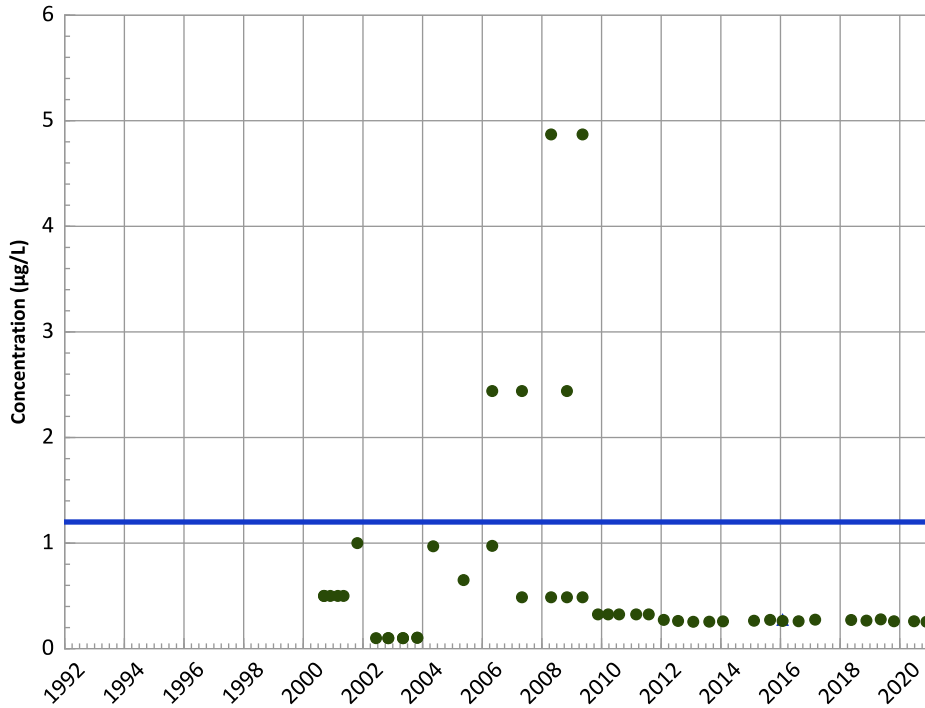
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

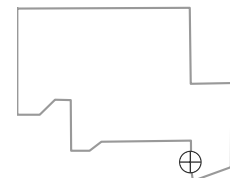
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

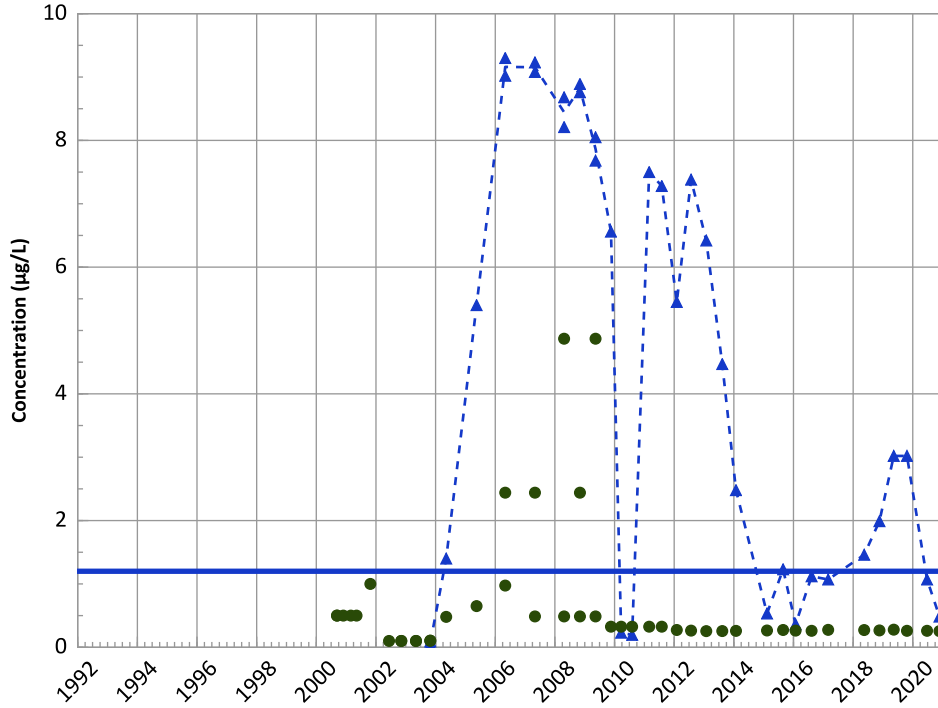
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

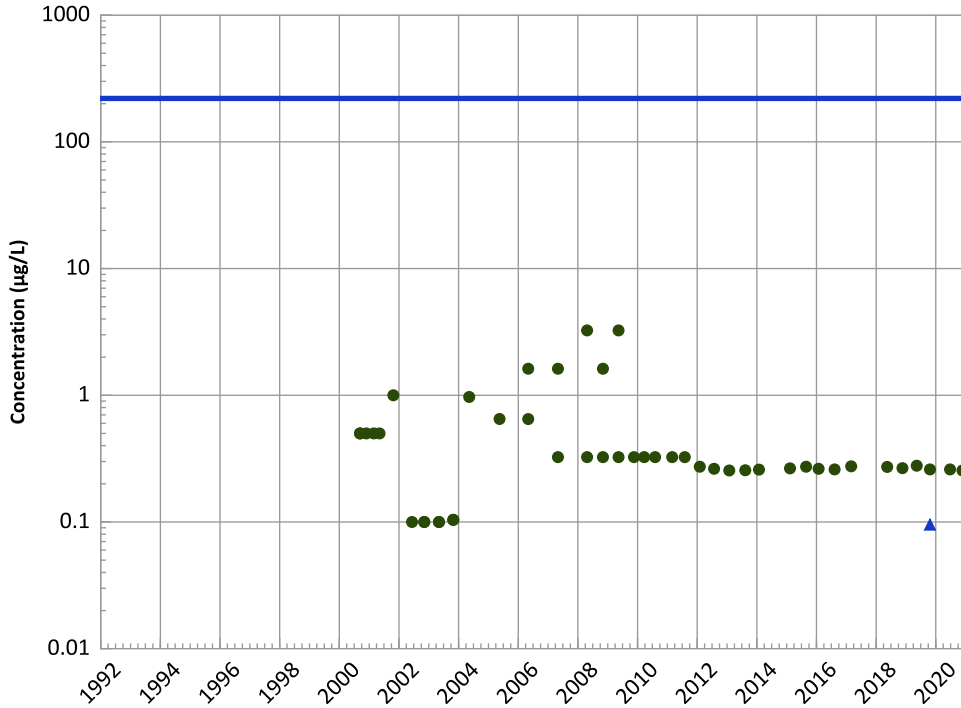
2018 - 2020 Data:

Decreasing

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

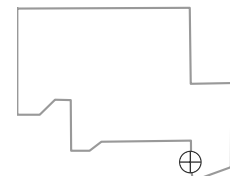
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

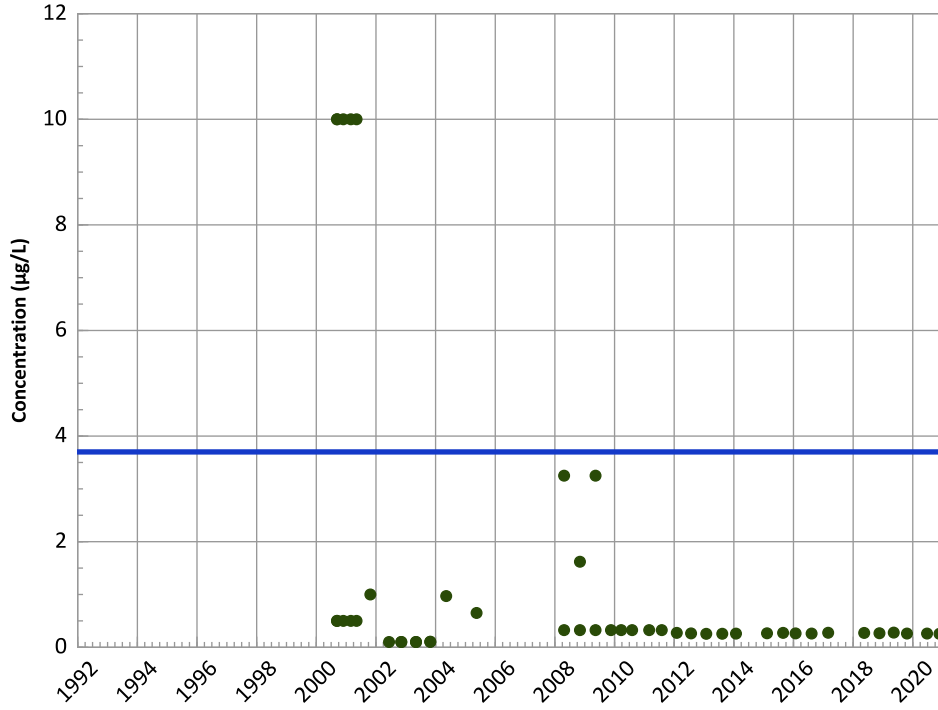
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

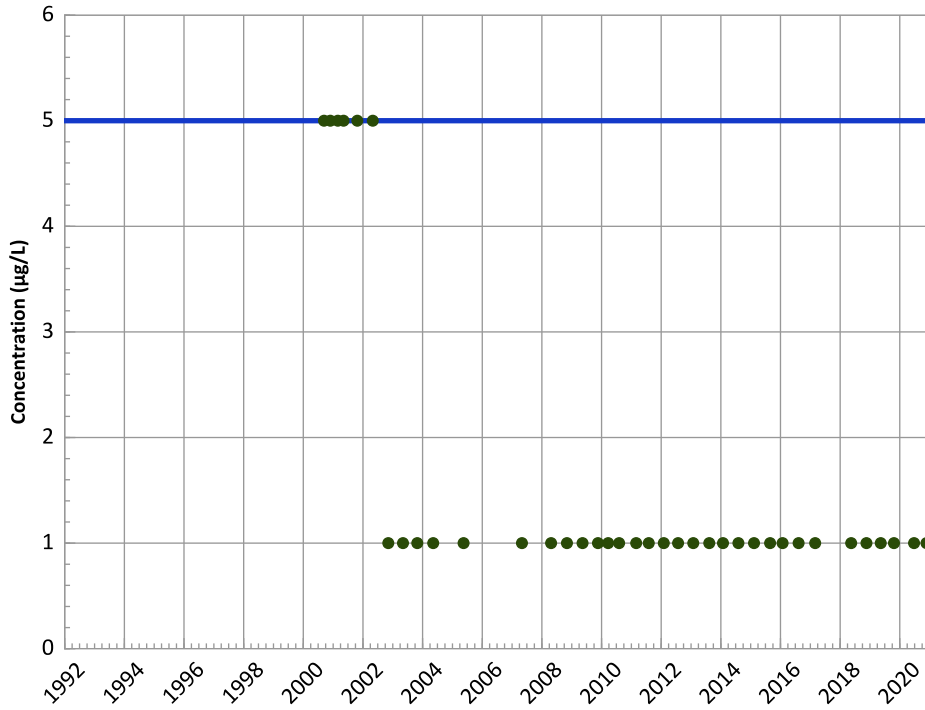
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

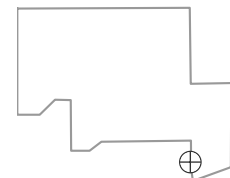
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

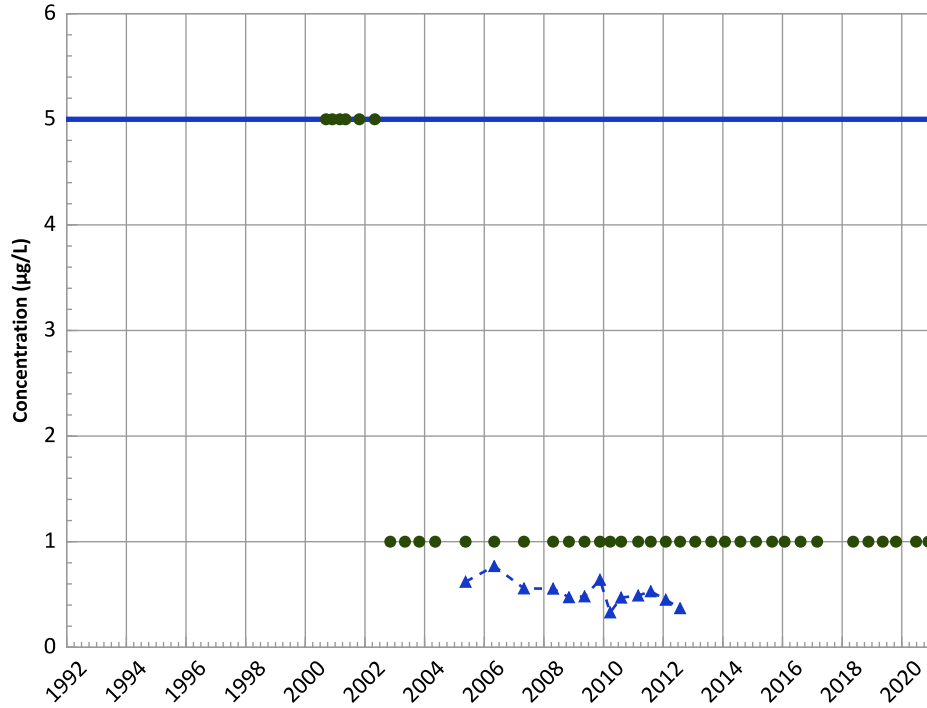
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

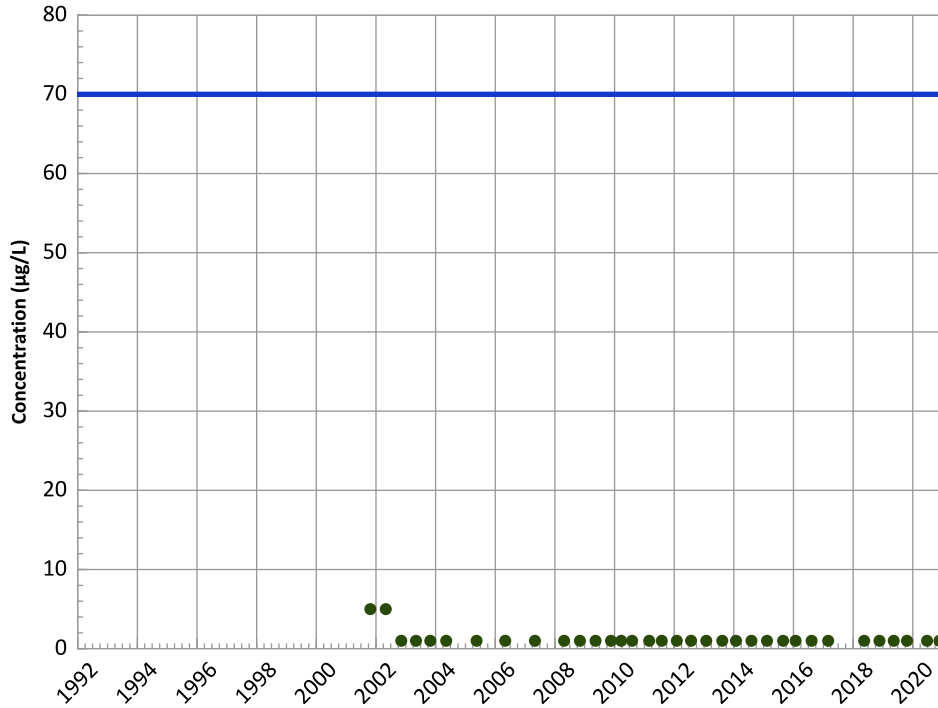
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

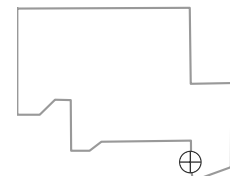
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

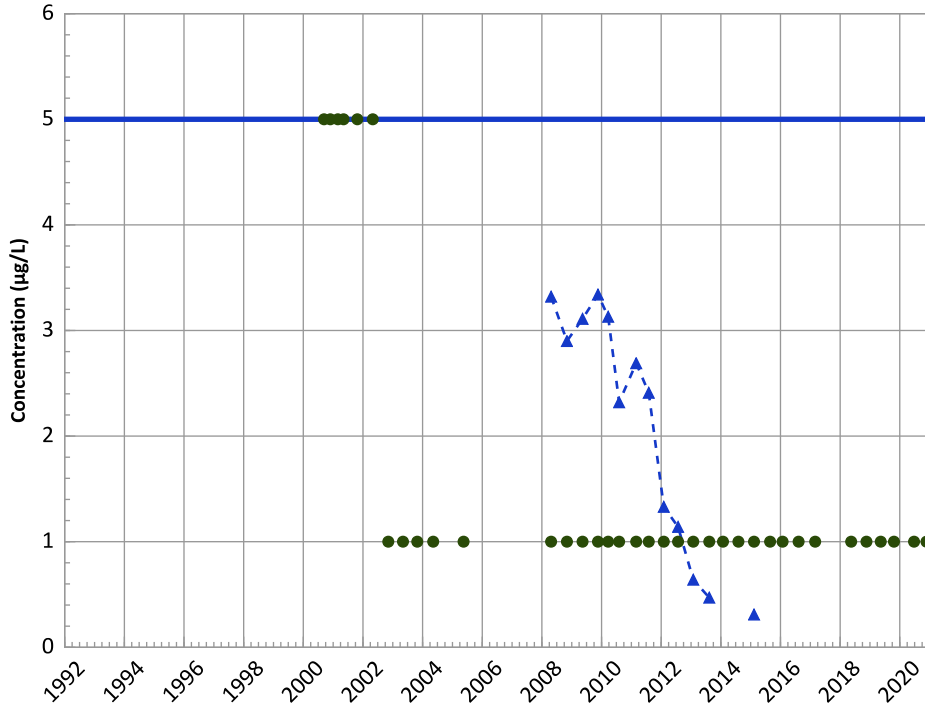
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

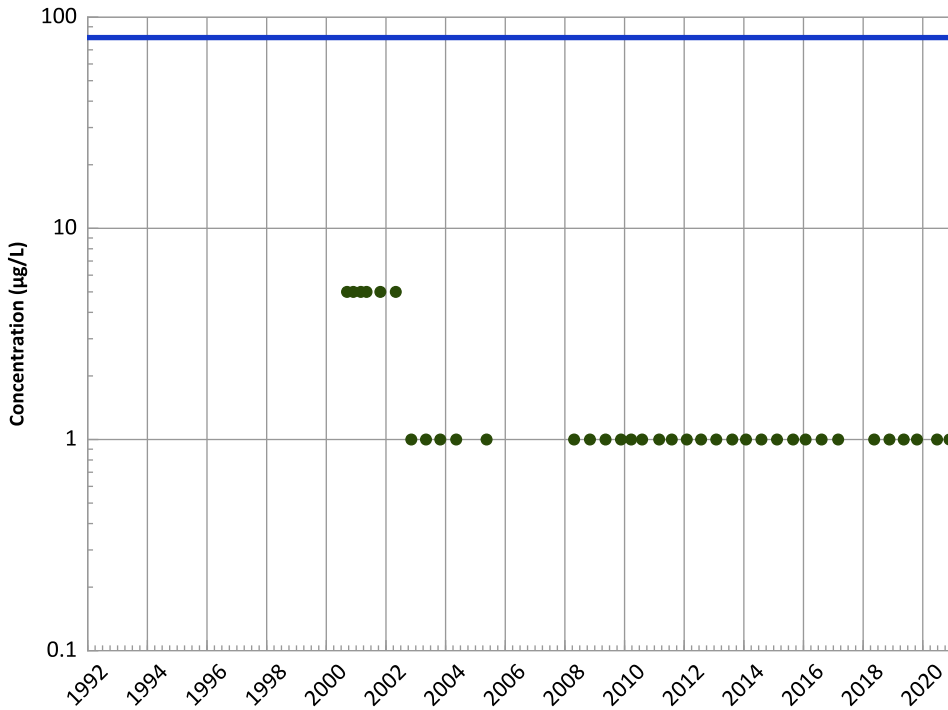


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Chloroform Trend



Concentration Trend

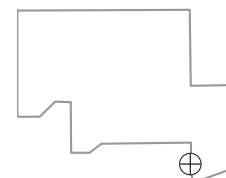
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

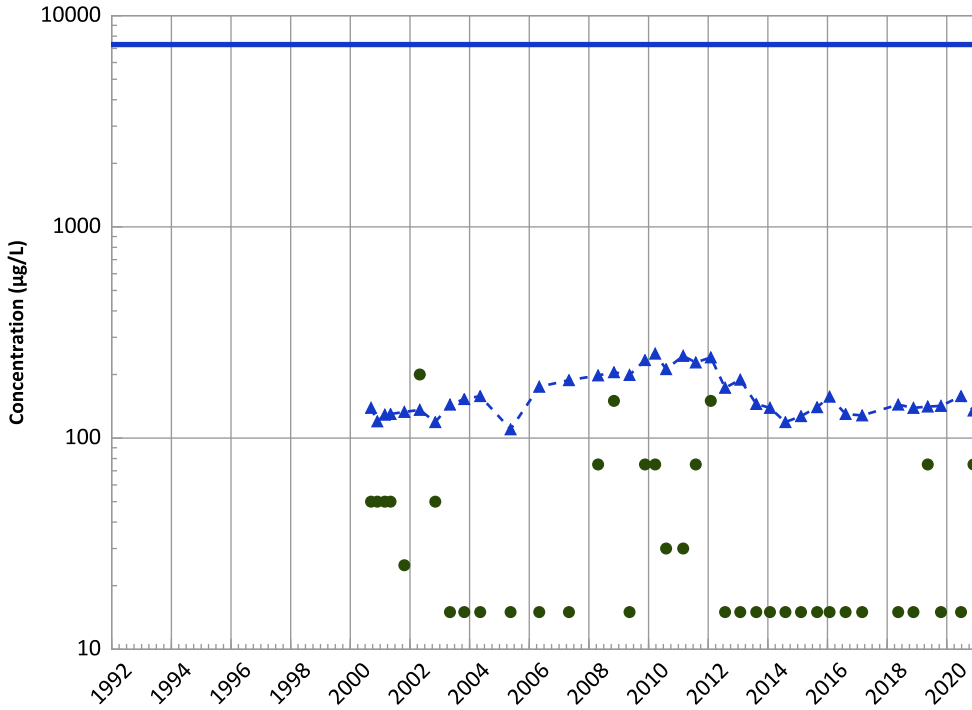
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

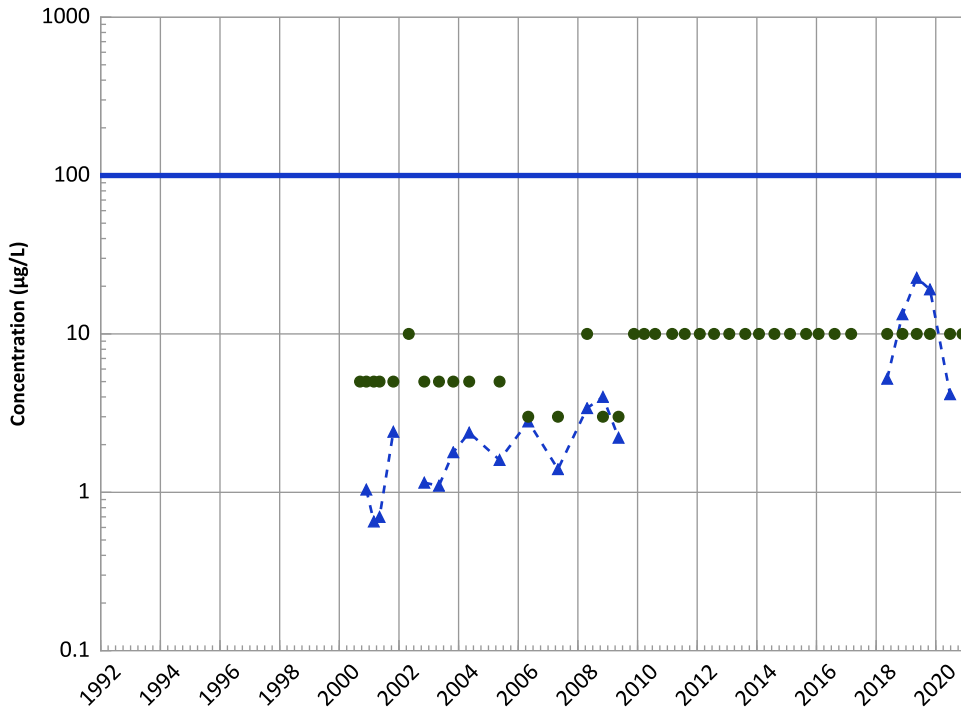
2018 - 2020 Data:

Increasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

All Data:

Increasing

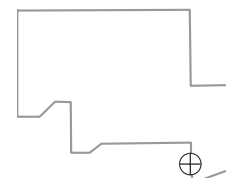
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 09/11/2000 to 11/23/2020

Analysis Date: 06/03/2021

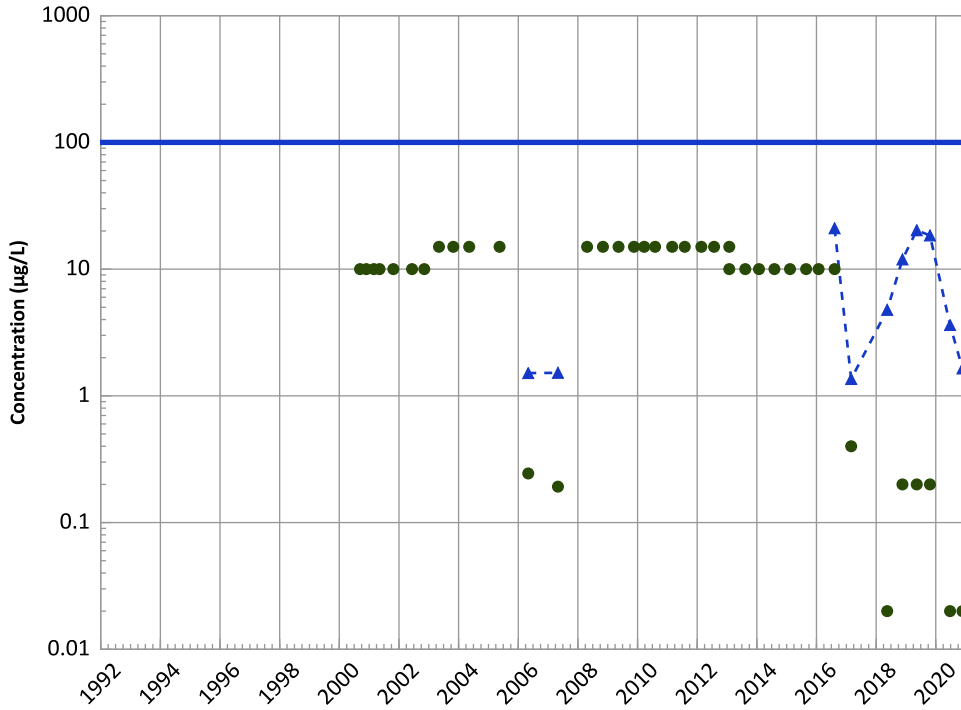
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

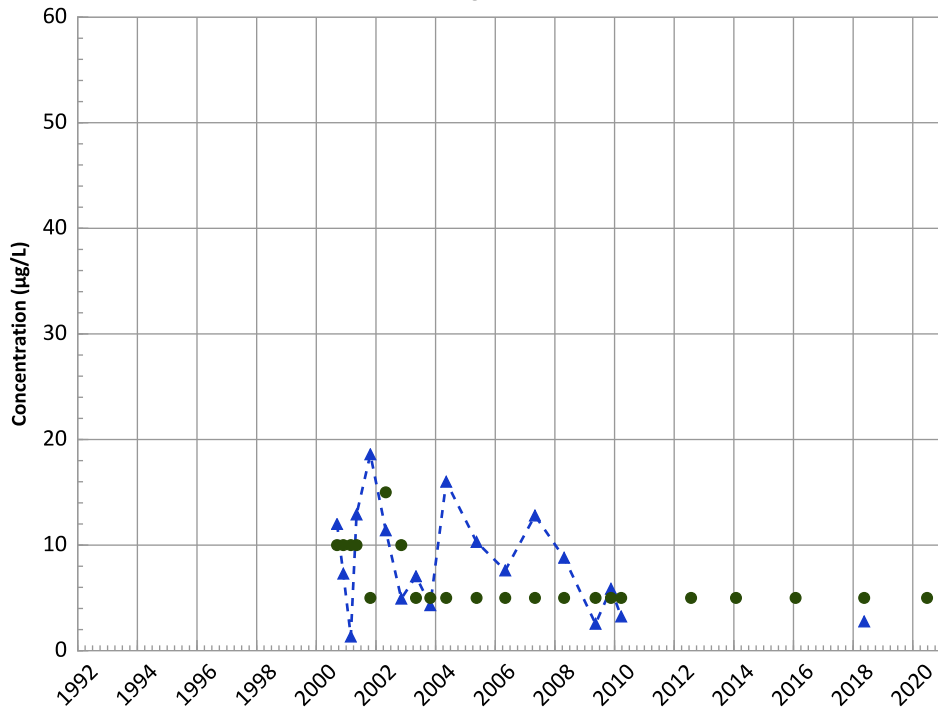
2018 - 2020 Data:

Probably Decreasing

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

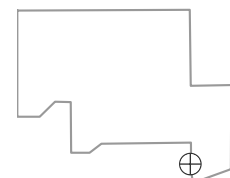
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

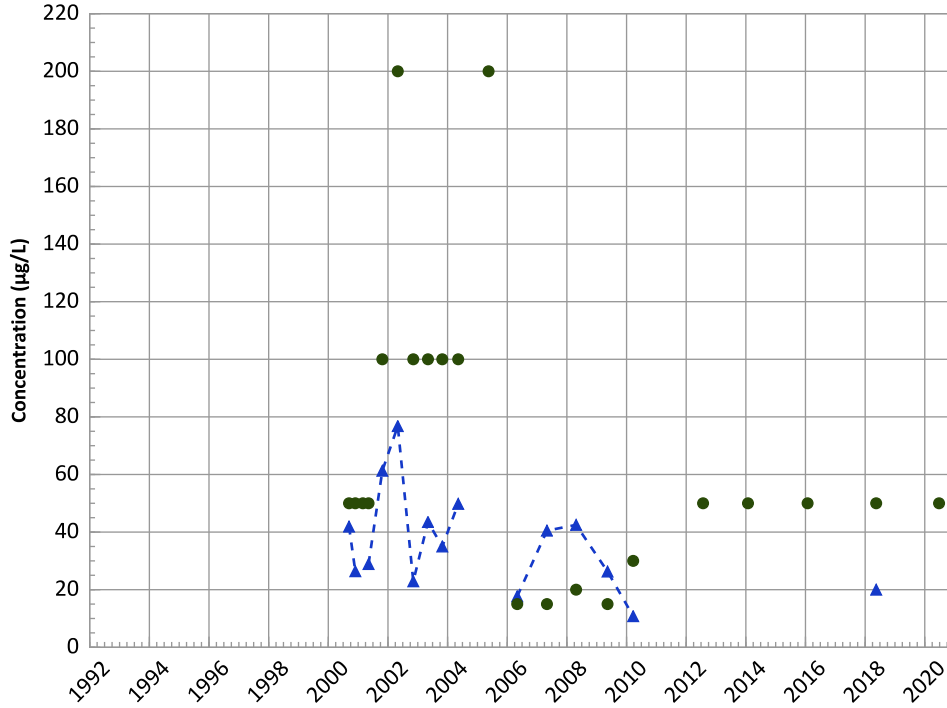


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

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

PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

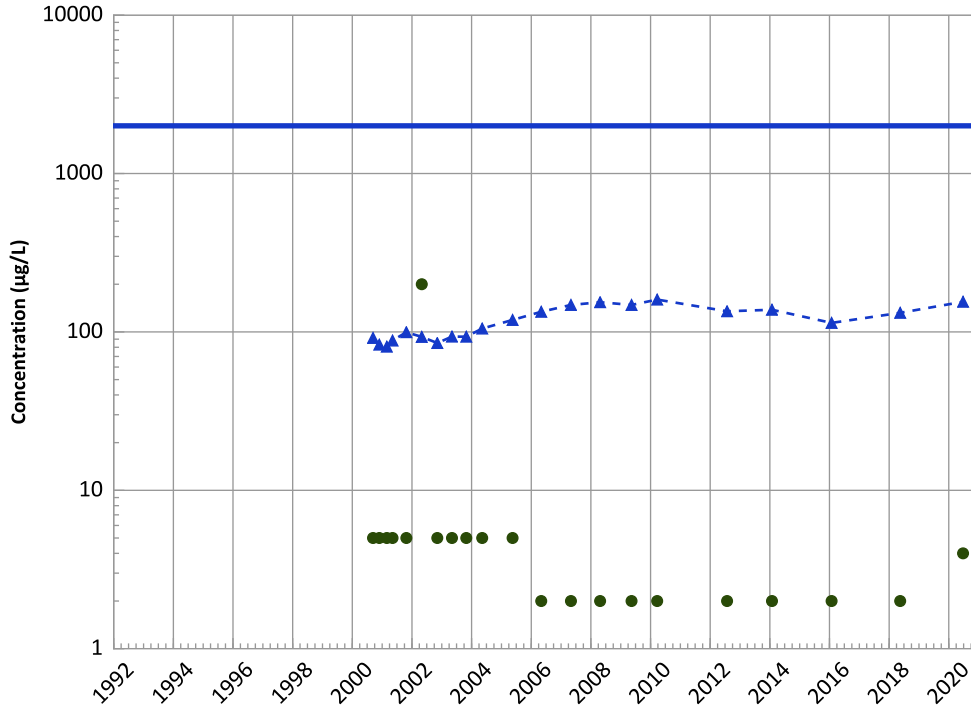


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Barium Trend



Concentration Trend

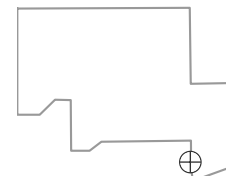
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

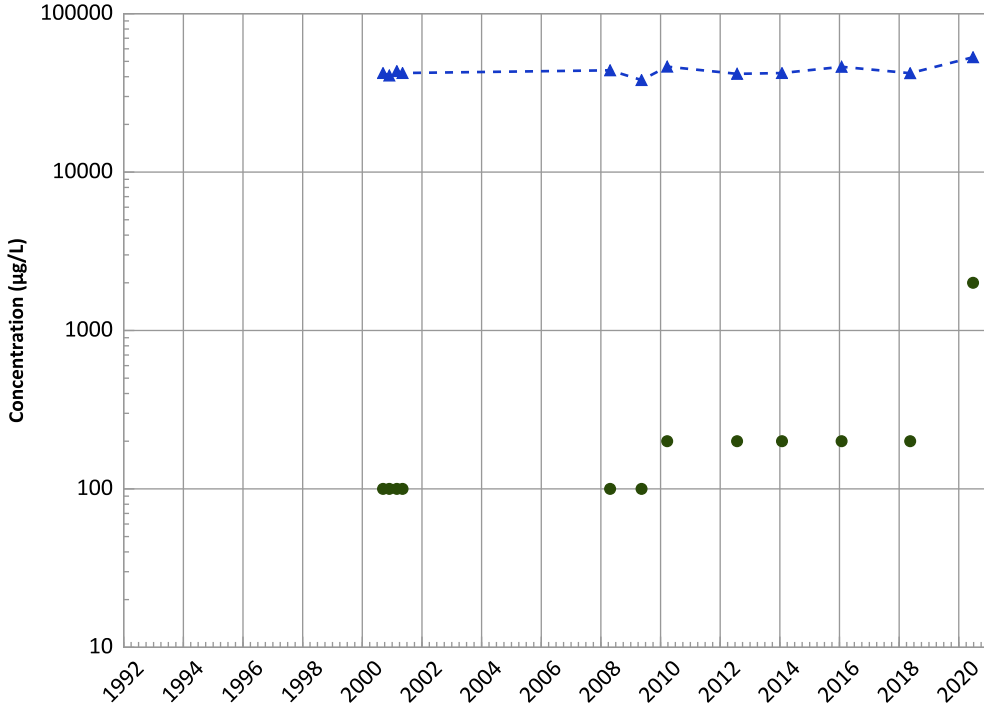
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

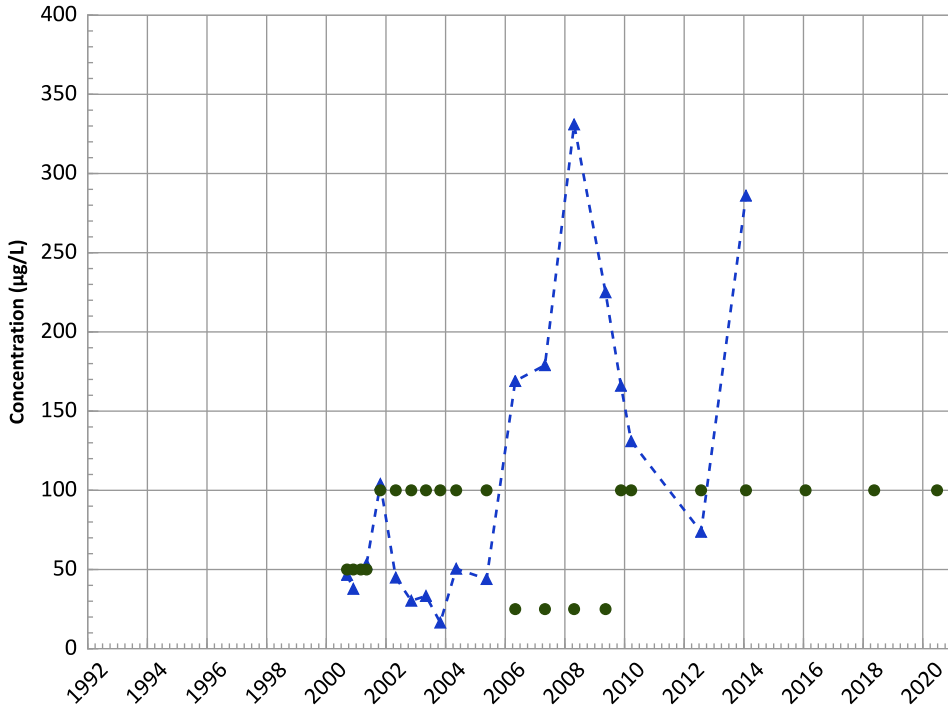
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

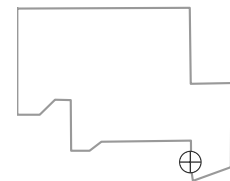
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

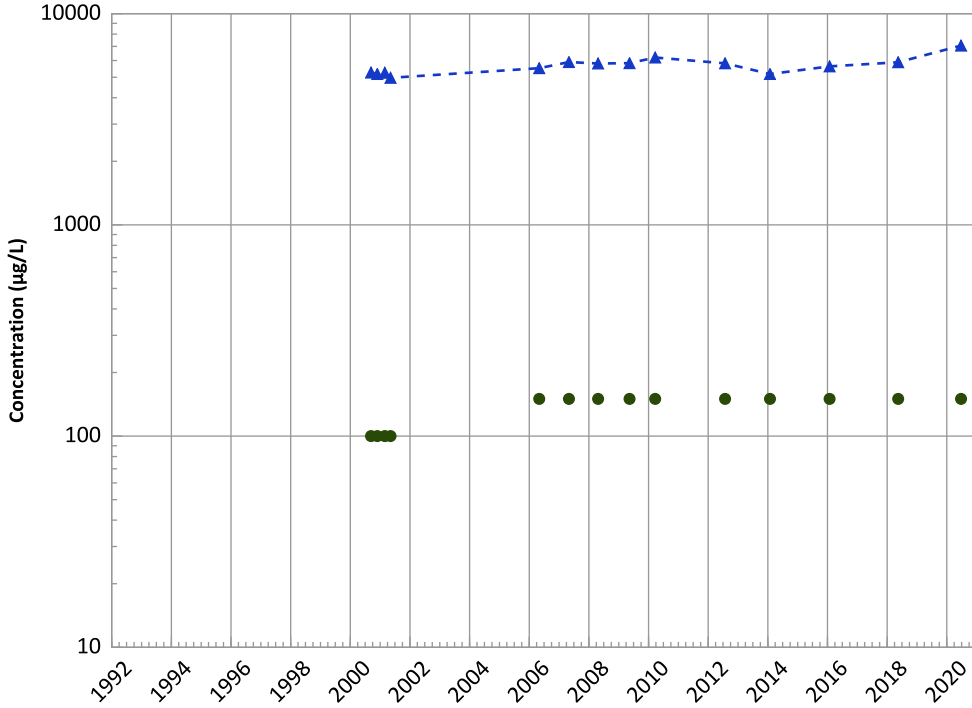


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

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

PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

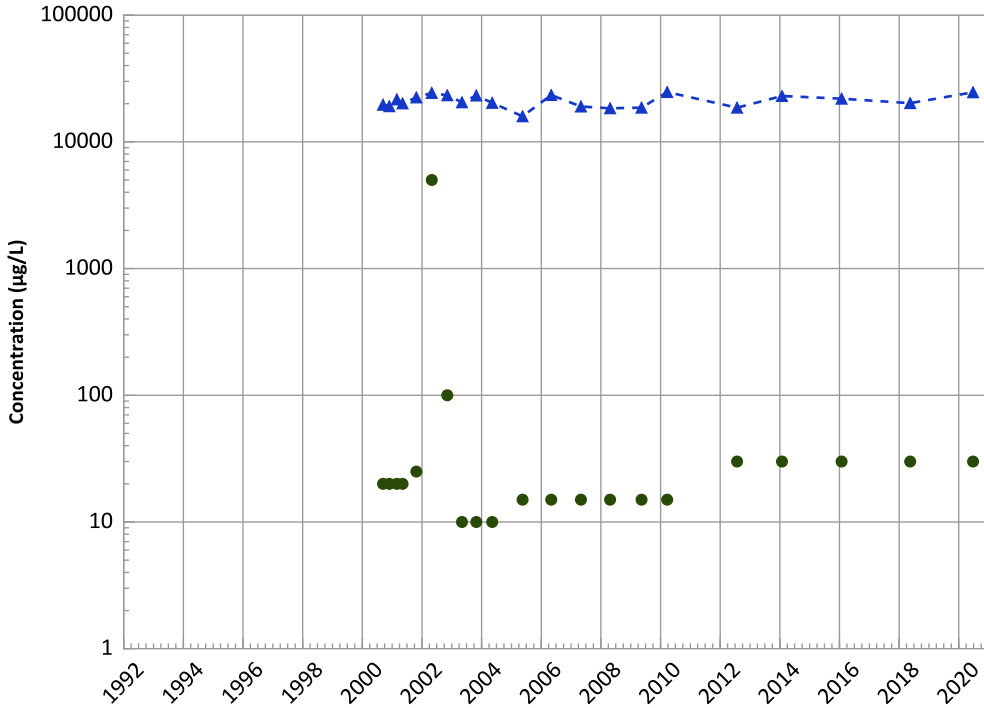
2018 - 2020 Data:

Increasing

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

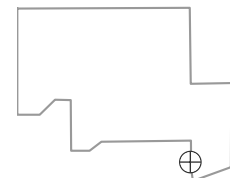
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

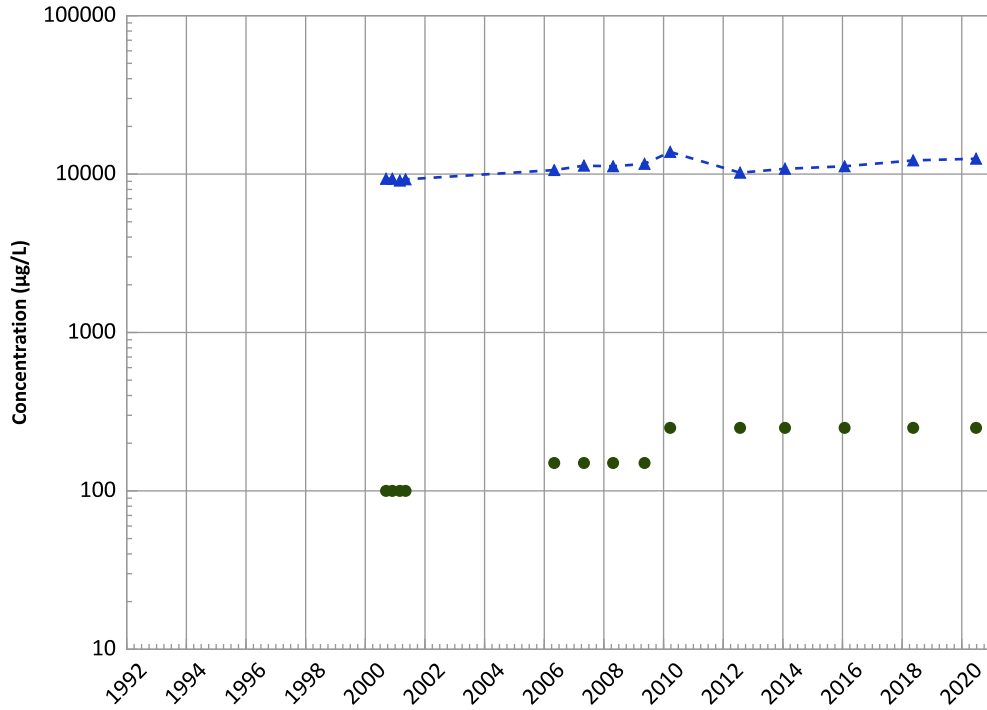
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

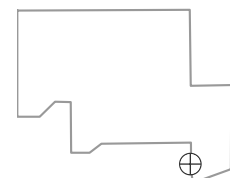
All Data:

Increasing

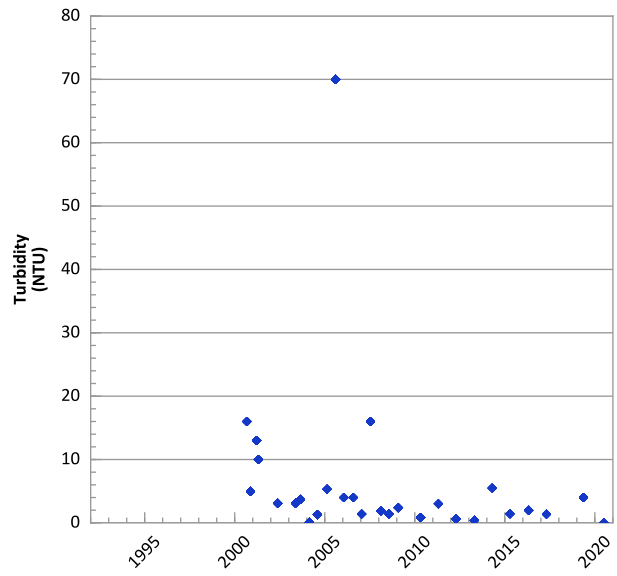
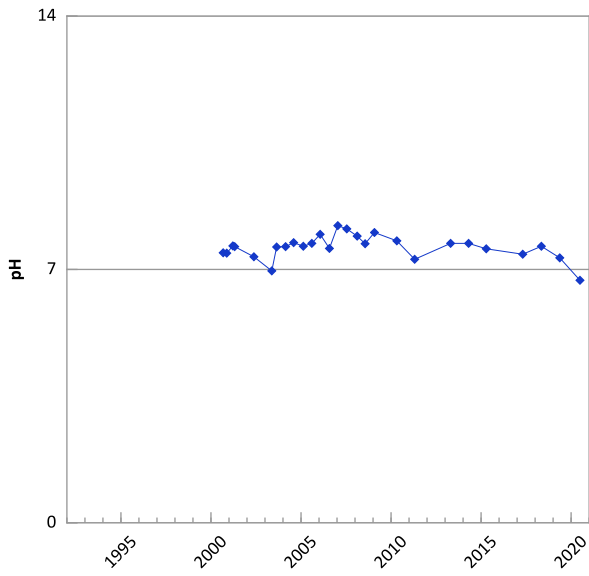
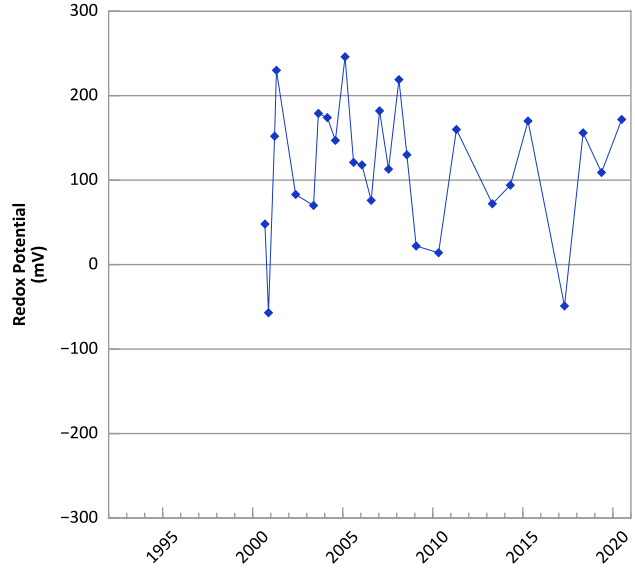
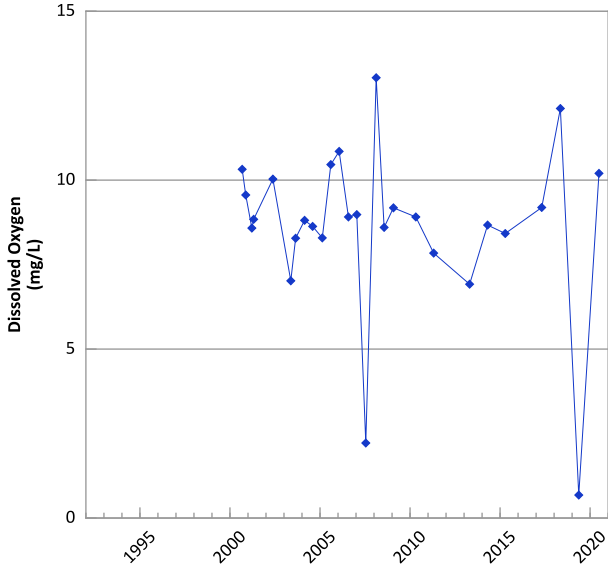
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/11/2000 to 11/23/2020
Analysis Date: 06/03/2021

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

Well Location

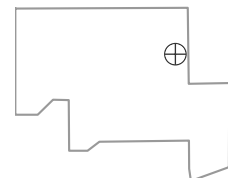


**PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



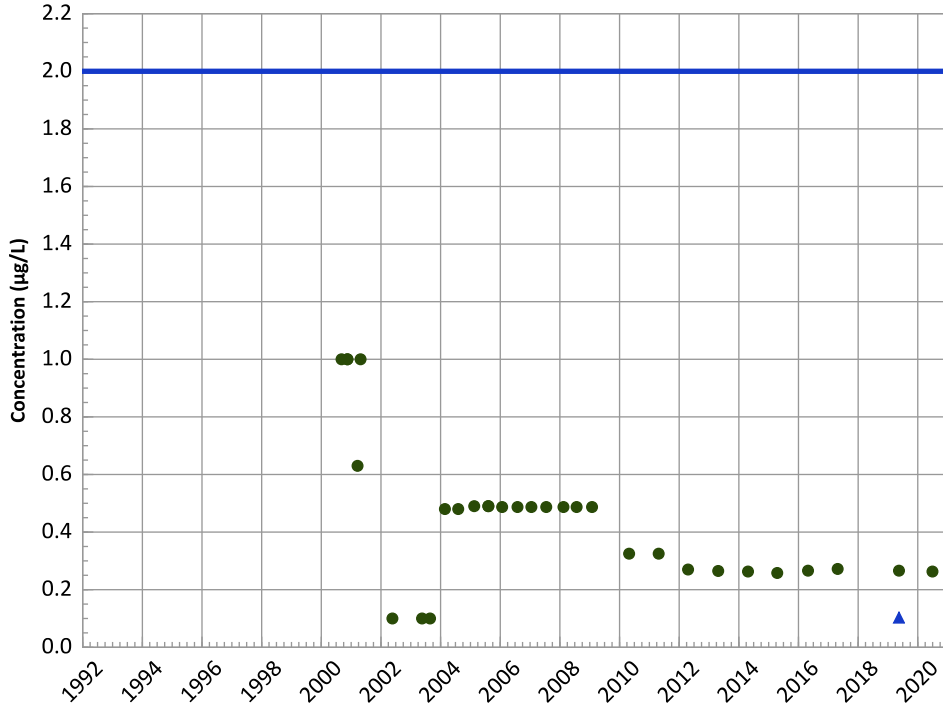
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/05/2000 to 06/29/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

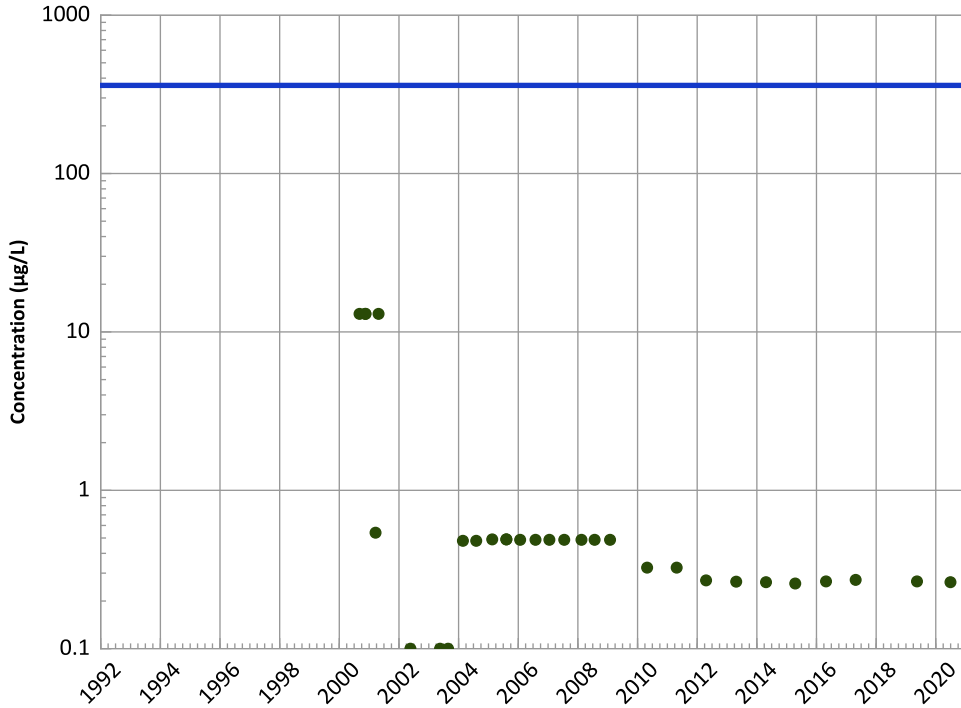
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

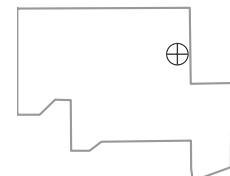
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

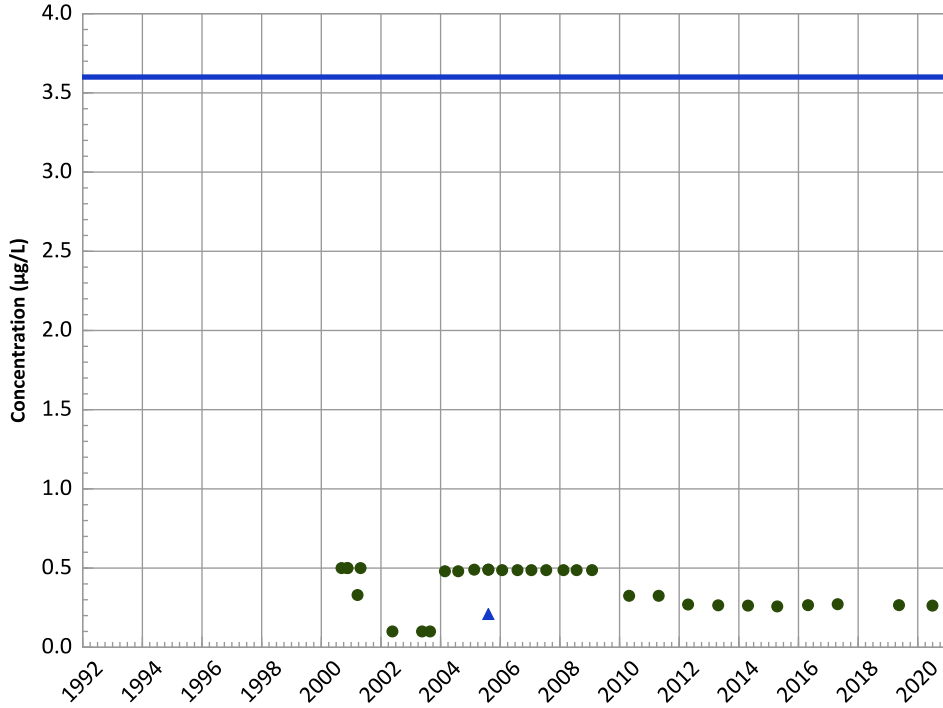
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

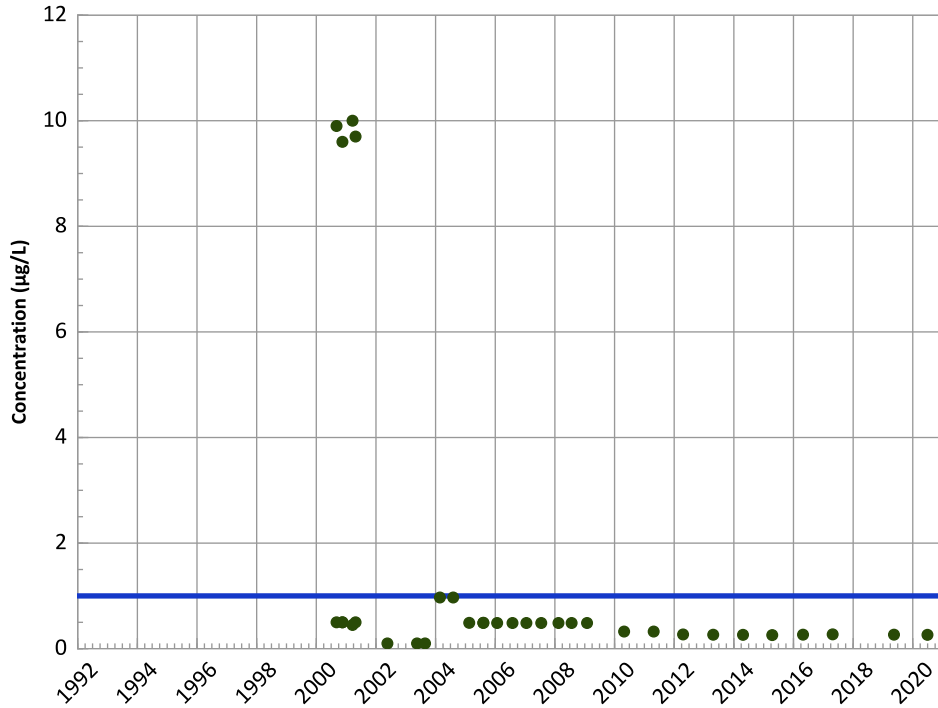
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

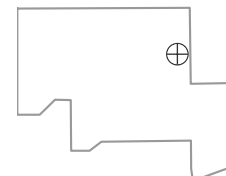
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

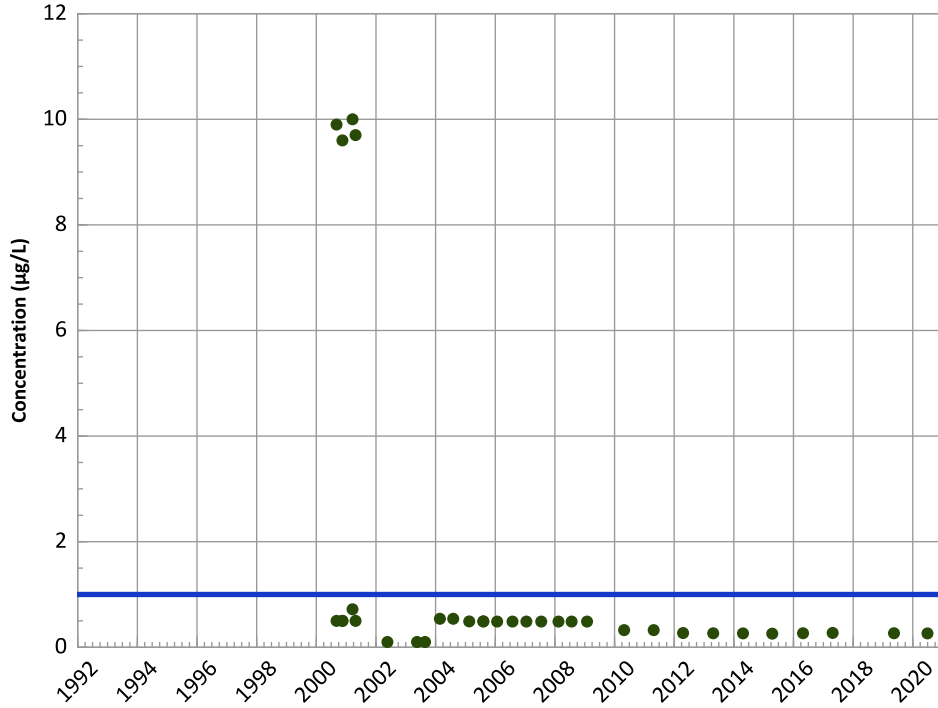
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

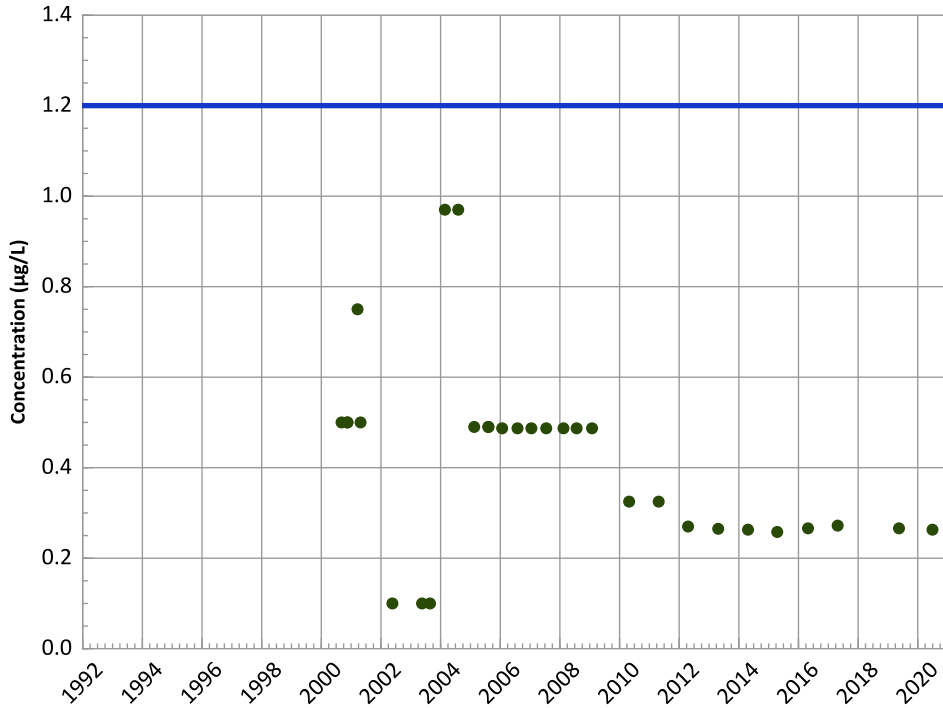
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

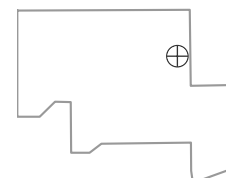
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

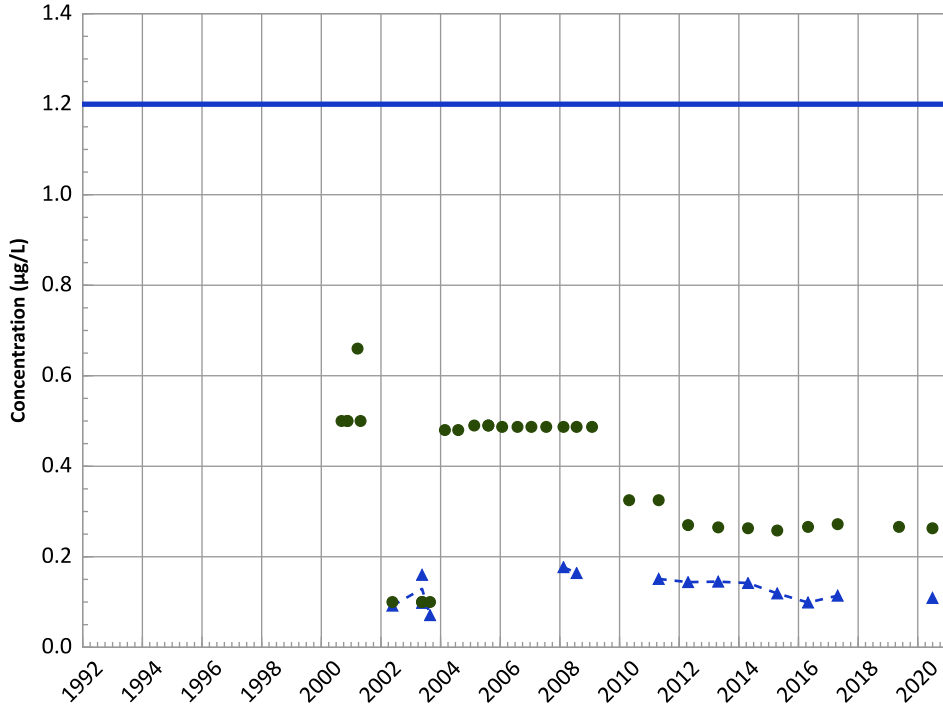
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

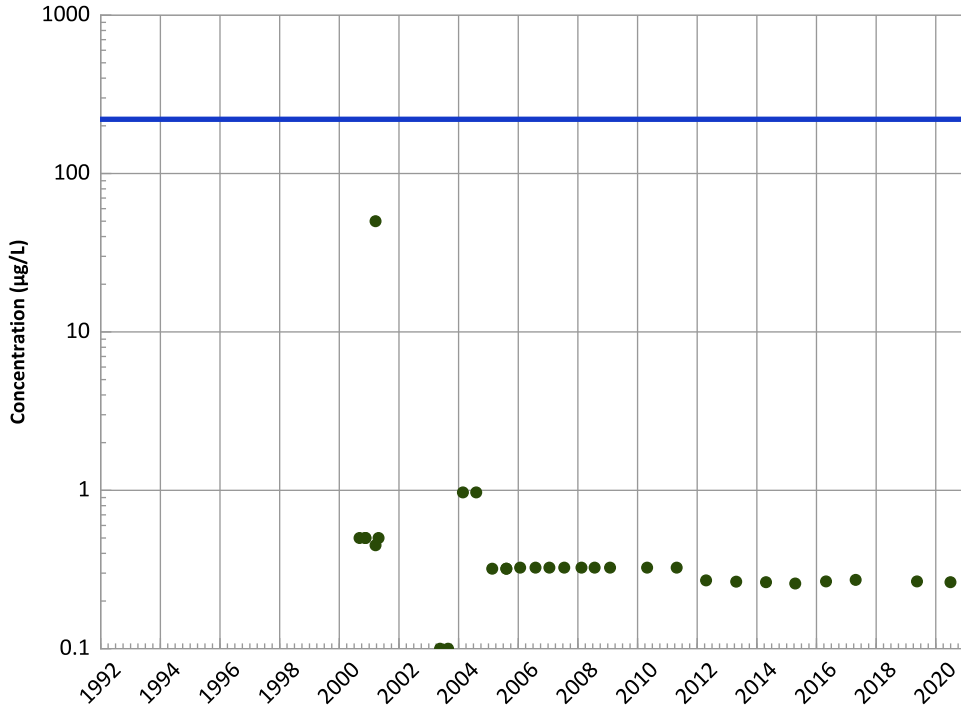
2018 - 2020 Data:

Stable

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

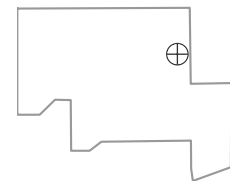
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

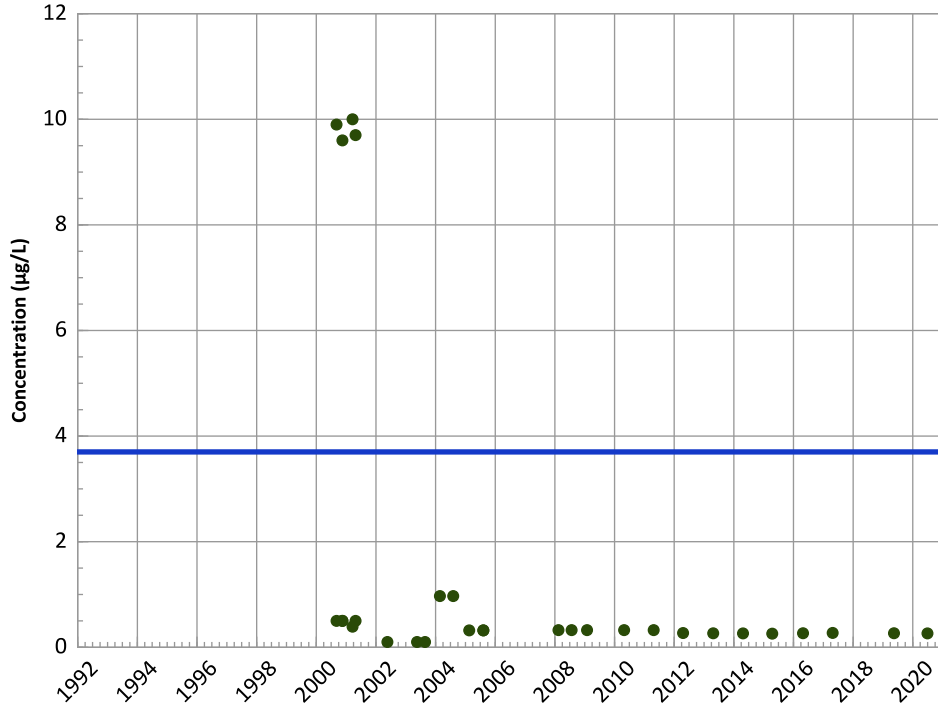
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

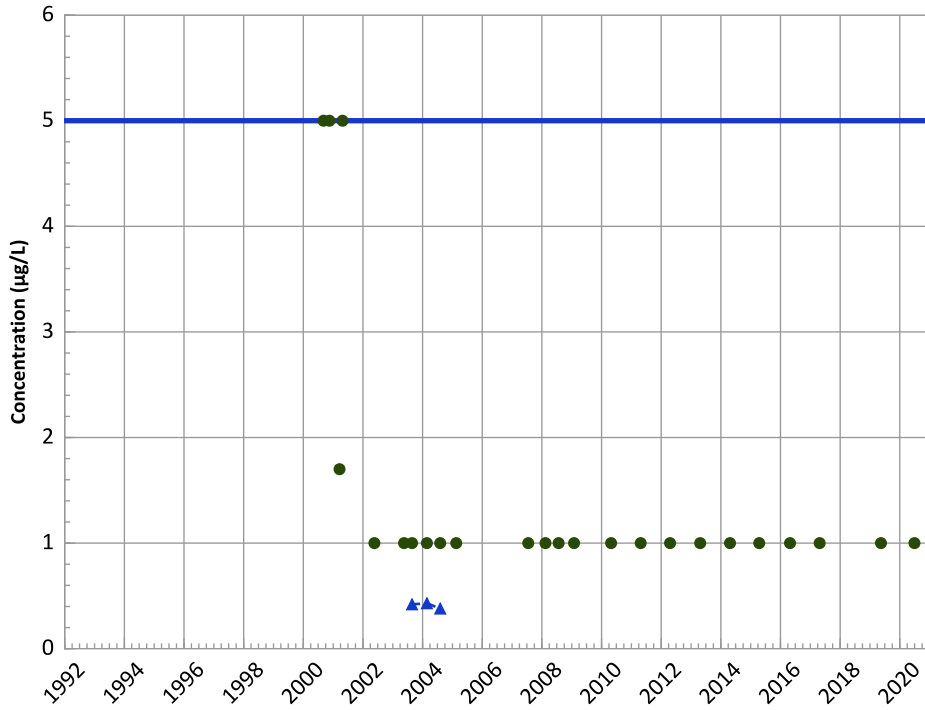
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

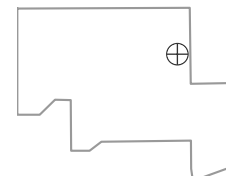
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

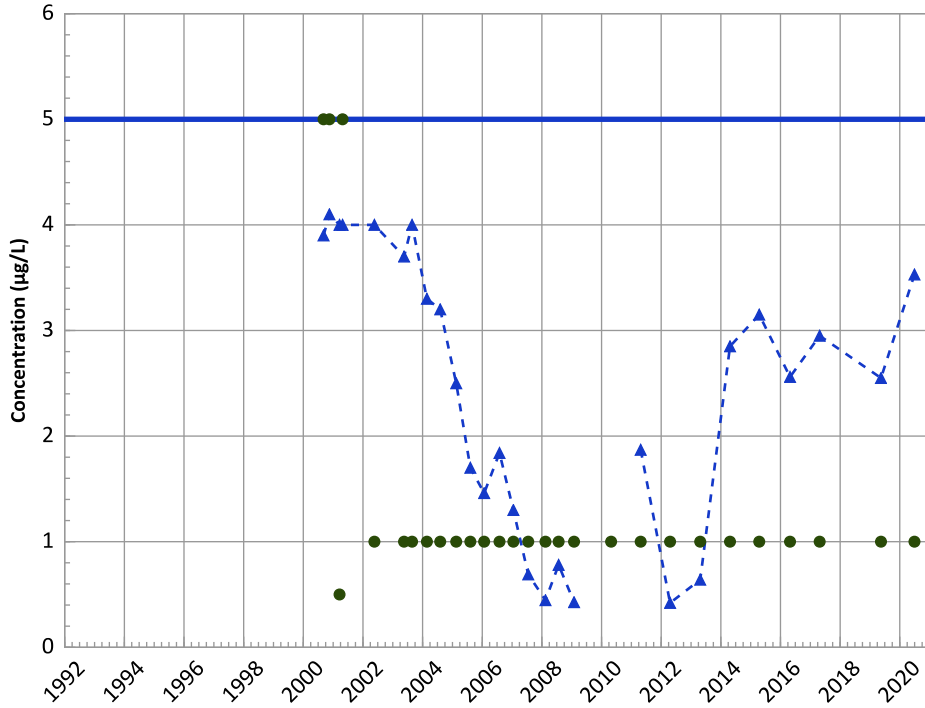
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

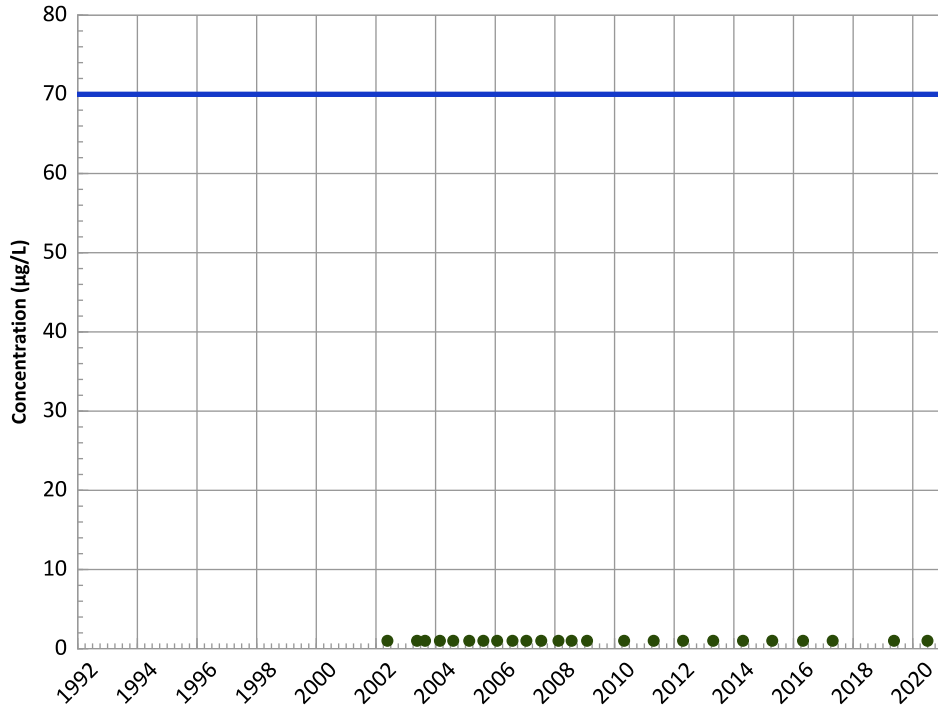
2018 - 2020 Data:

No Trend

All Data:

Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

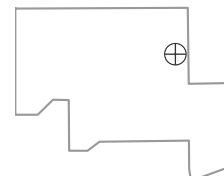
All Data:

All Non-Detect

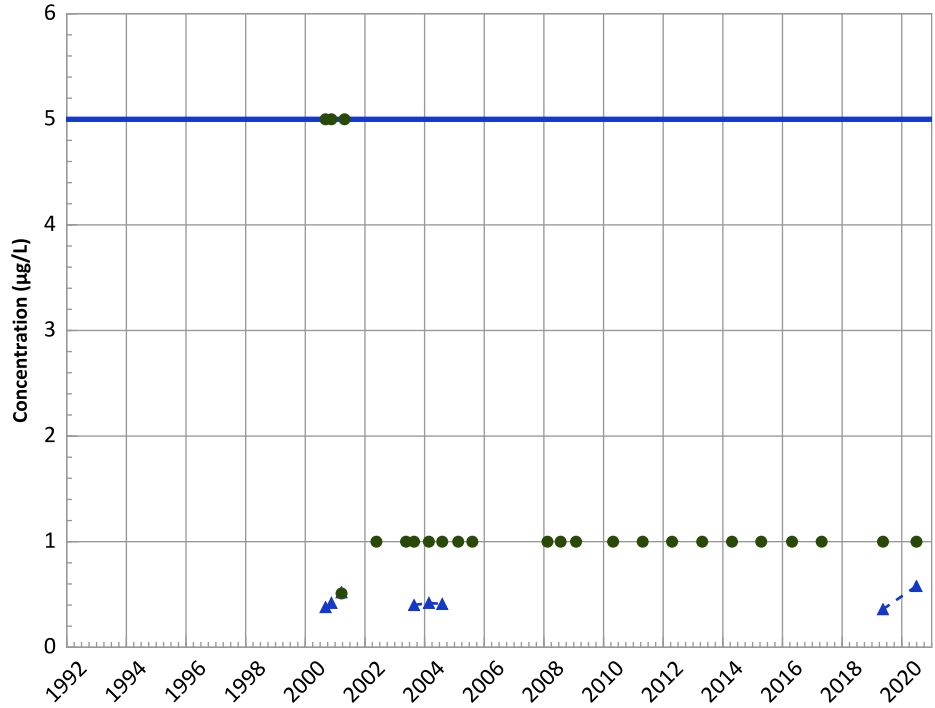
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

- ▲ 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**

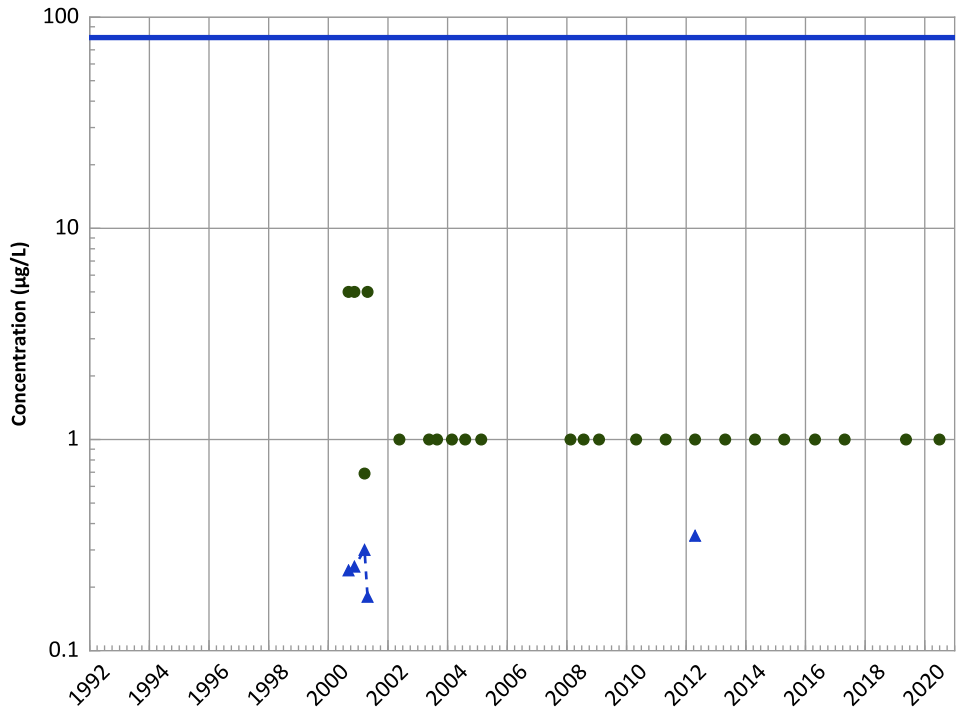


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Chloroform Trend



Concentration Trend

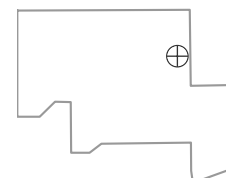
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

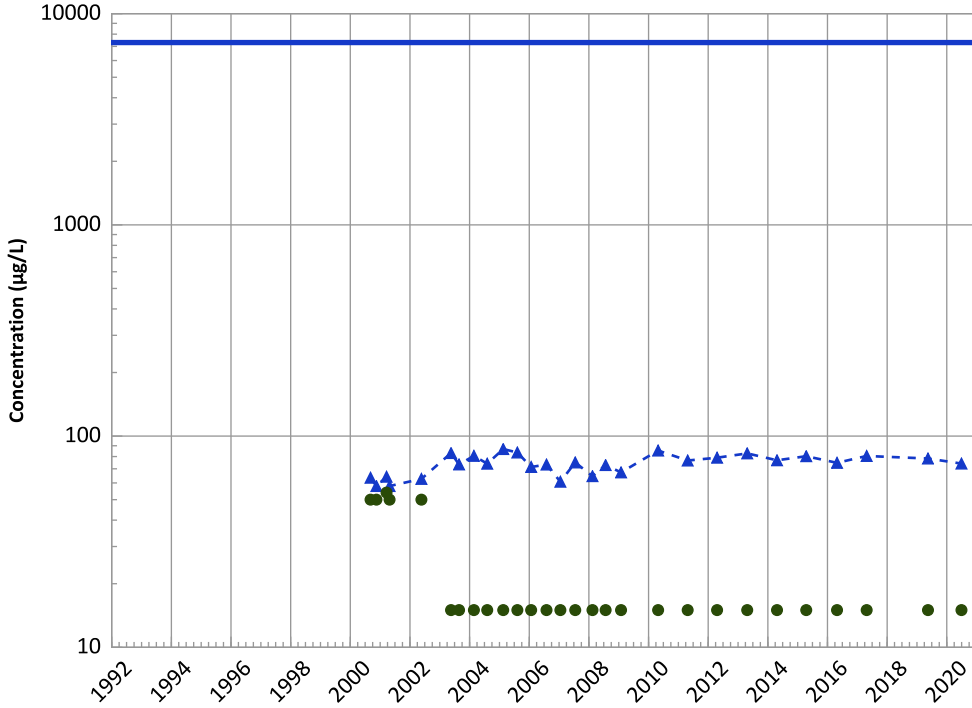
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

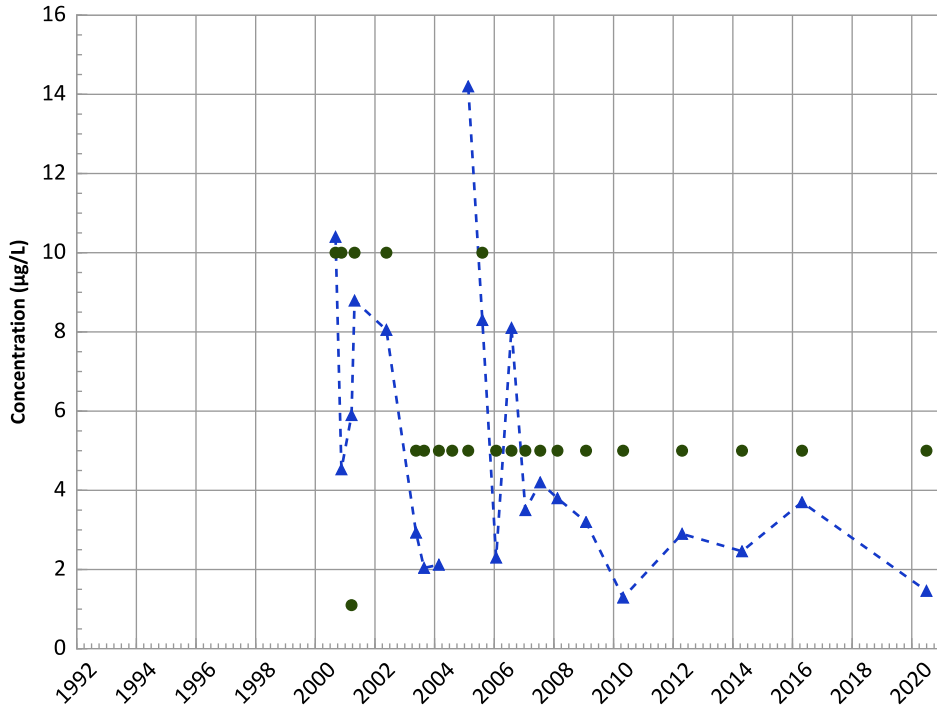
2018 - 2020 Data:

Stable

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

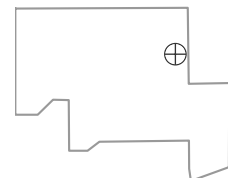
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

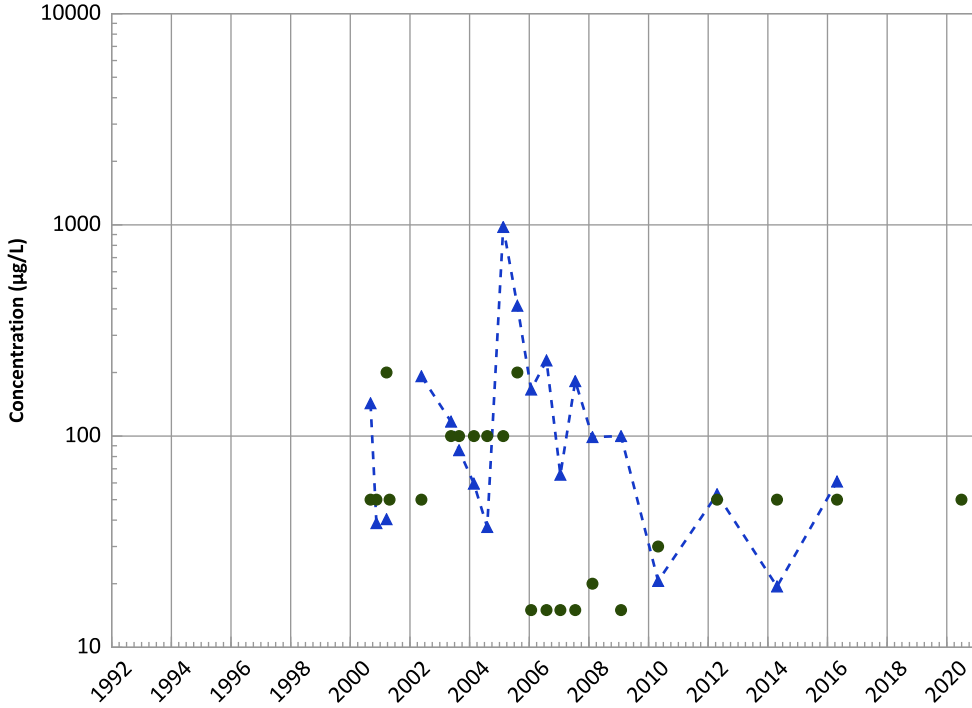
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

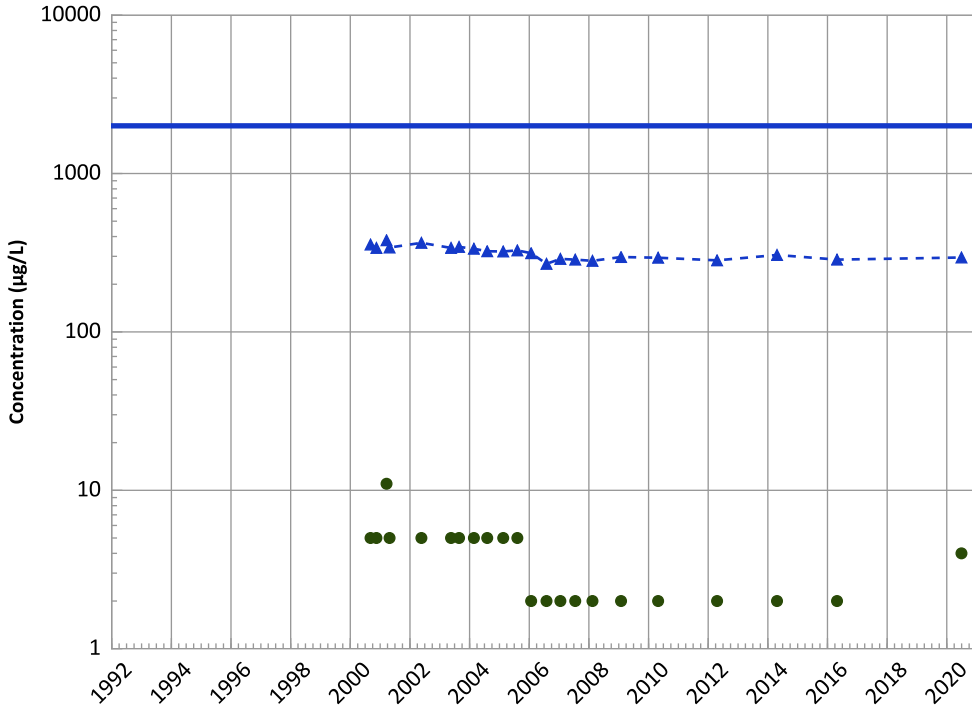
2018 - 2020 Data:

No Trend

All Data:

No Trend

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

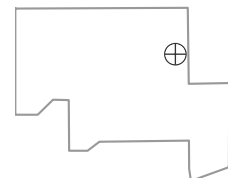
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

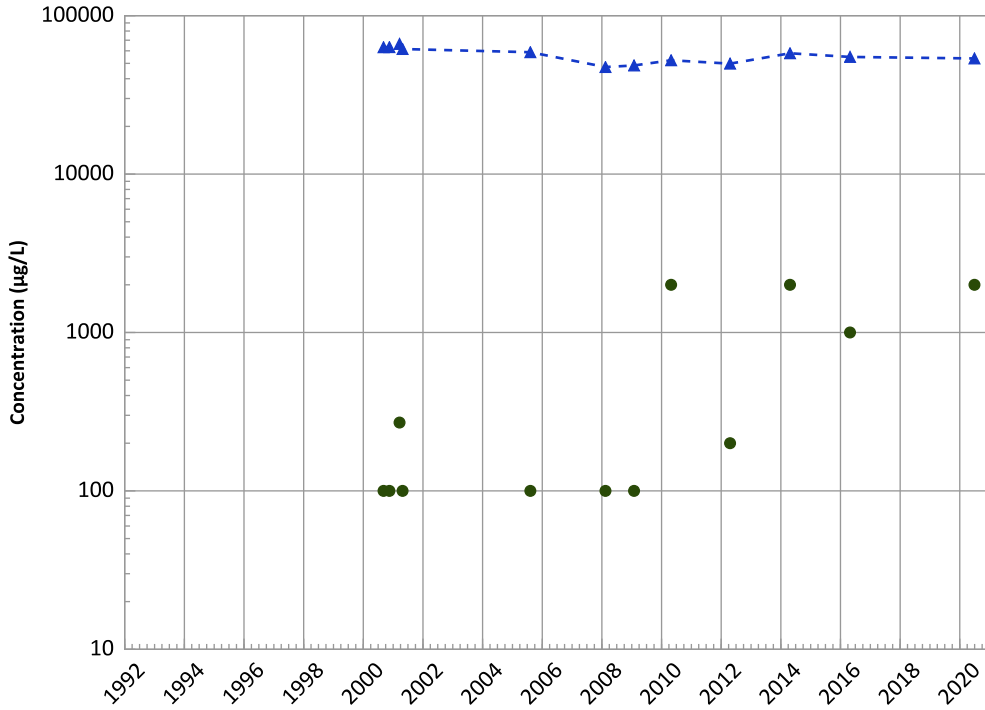
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

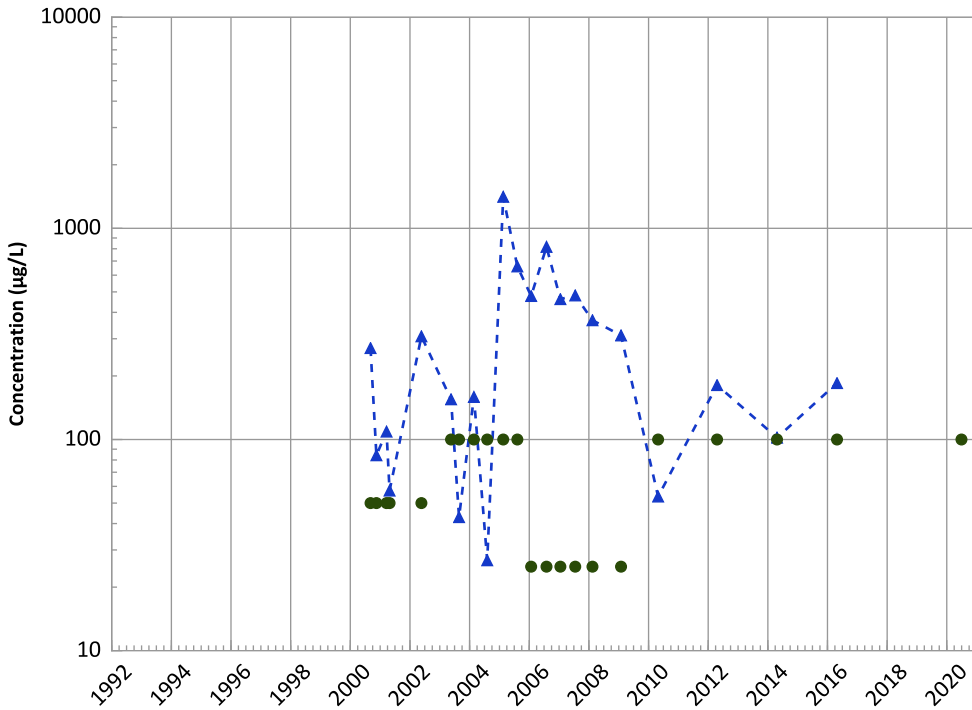
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

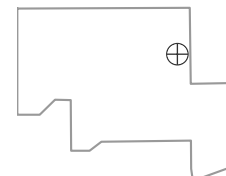
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

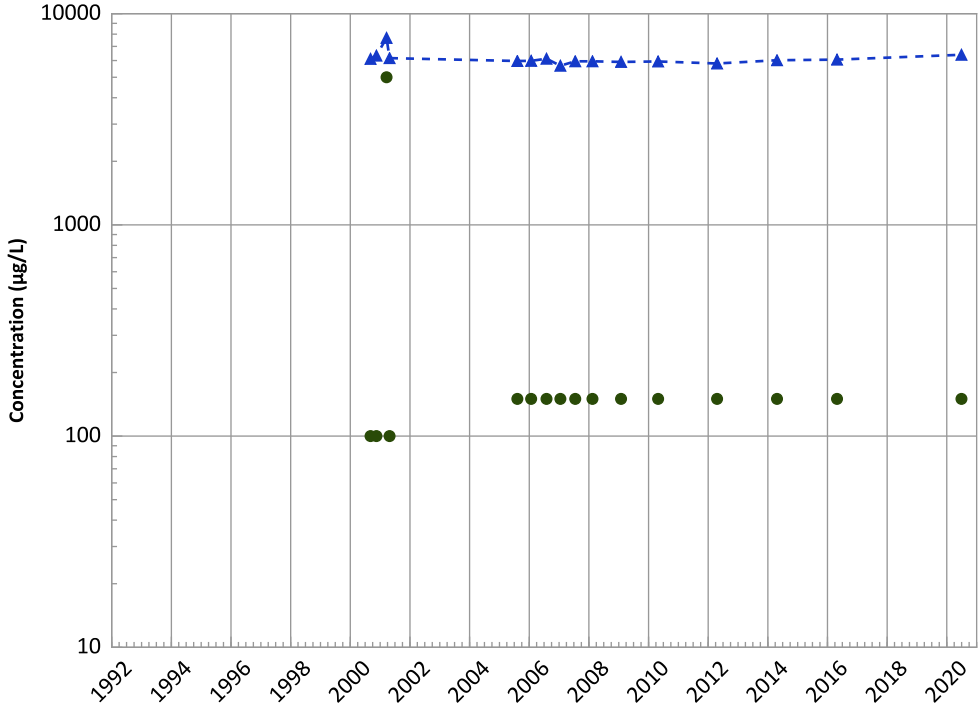
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

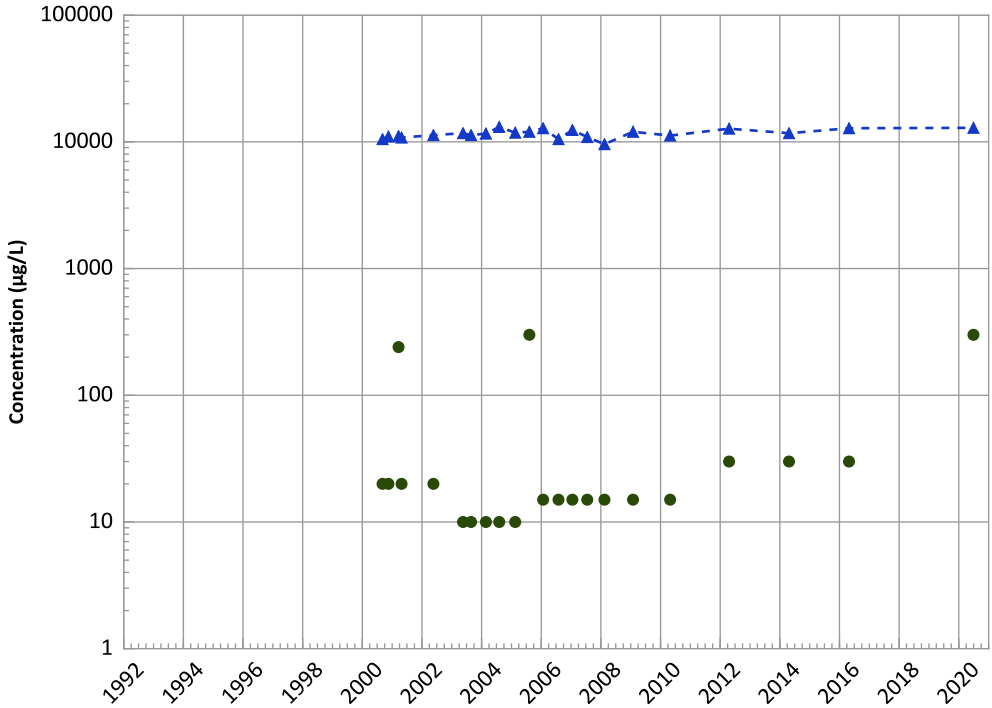
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

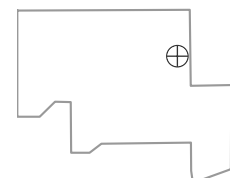
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

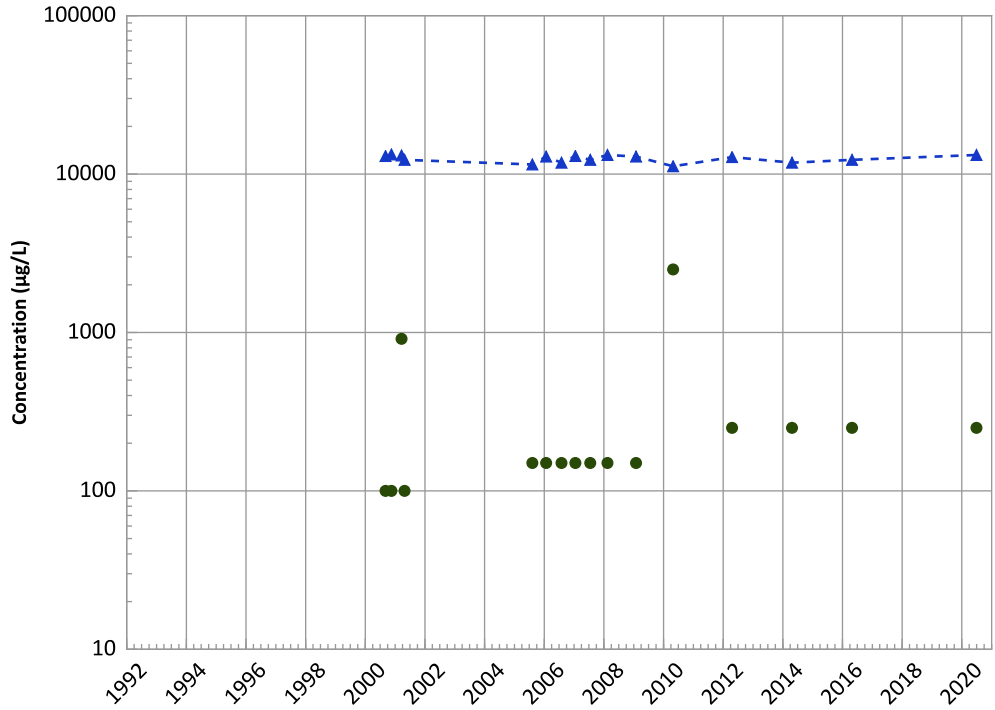
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

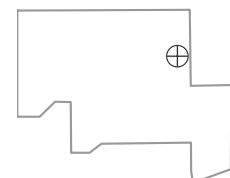
All Data:

Decreasing

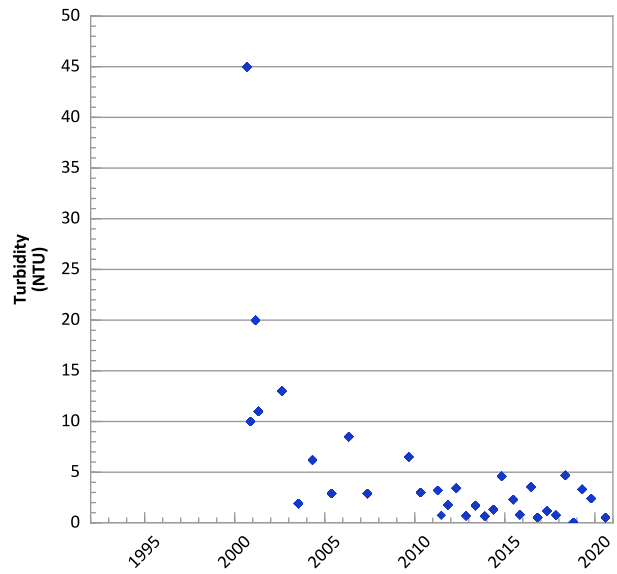
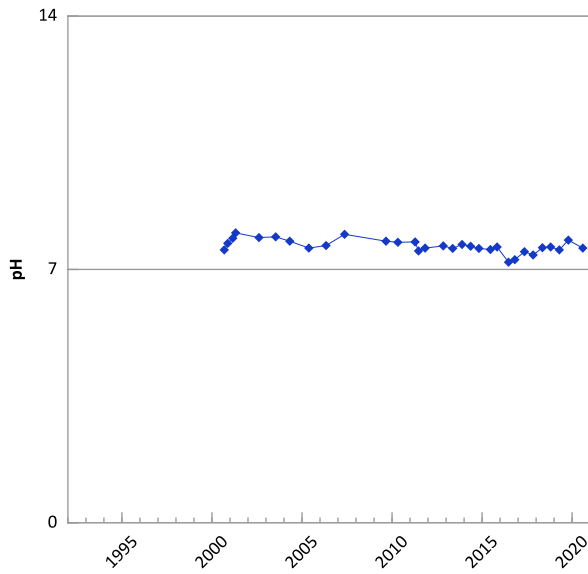
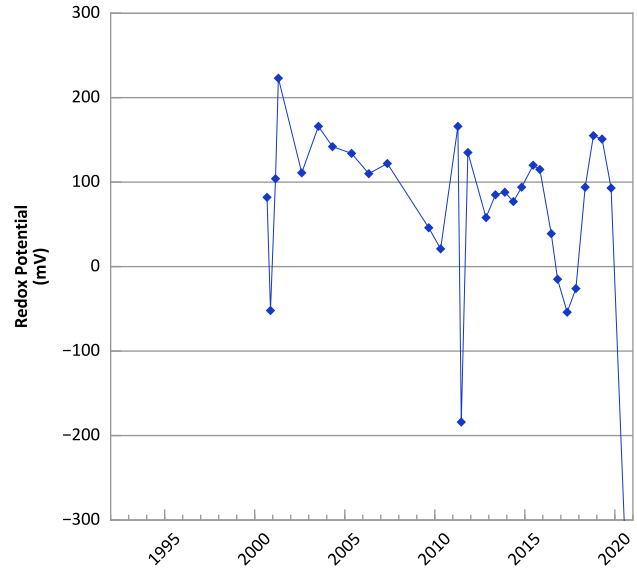
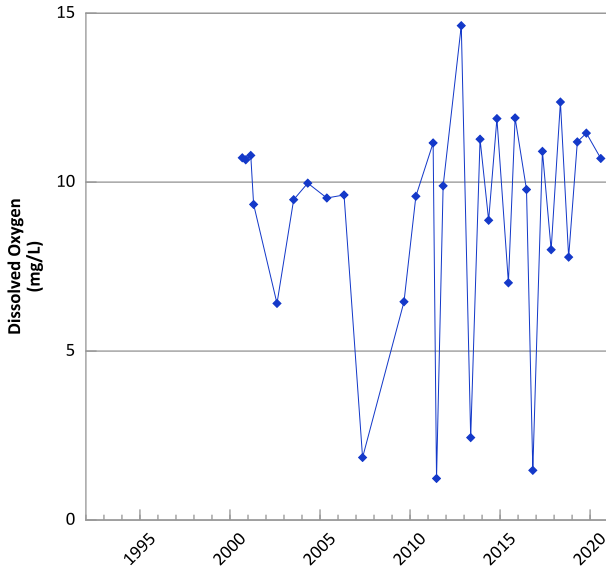
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 06/29/2020
Analysis Date: 06/03/2021

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

Well Location

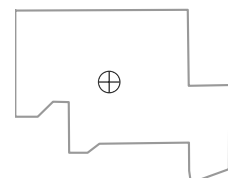


**PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



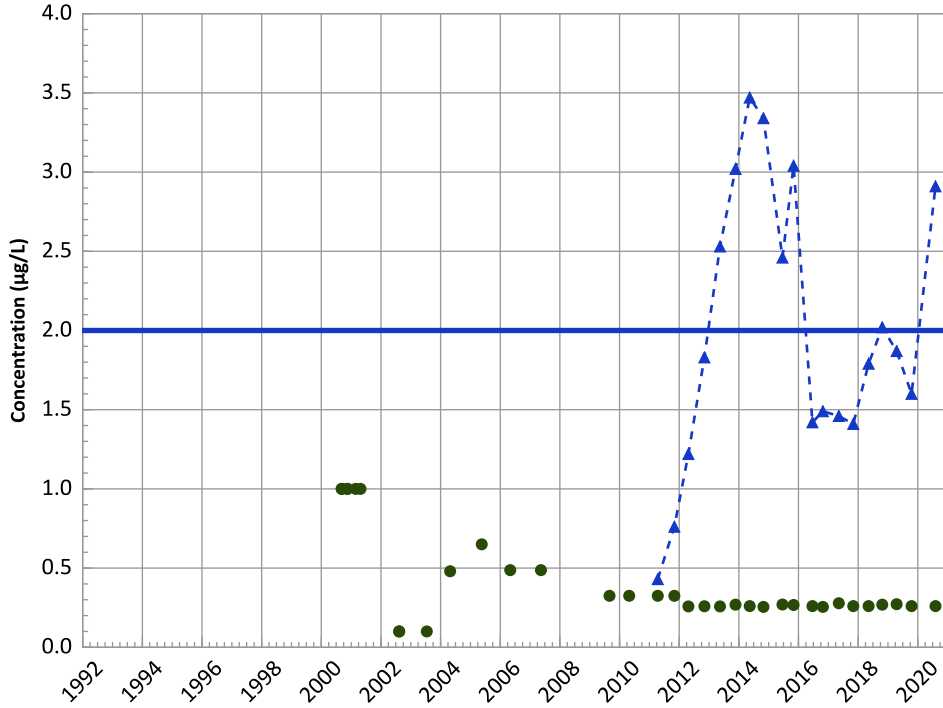
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/07/2000 to 08/05/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

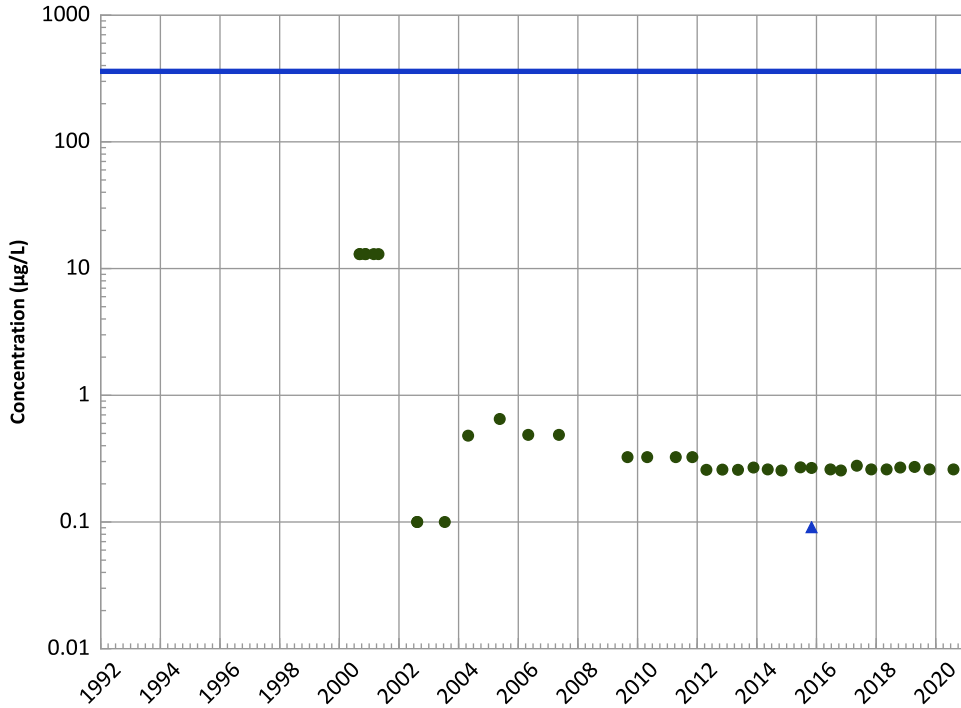
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

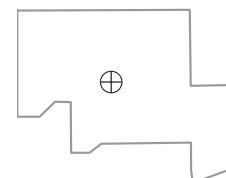
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 09/07/2000 to 08/05/2020

Analysis Date: 06/03/2021

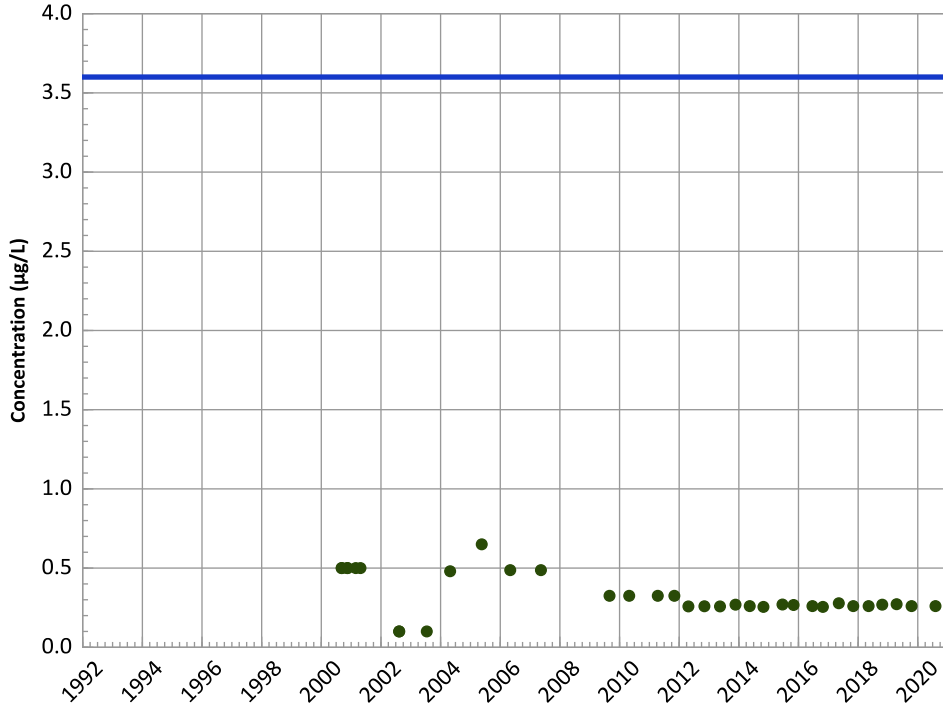
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

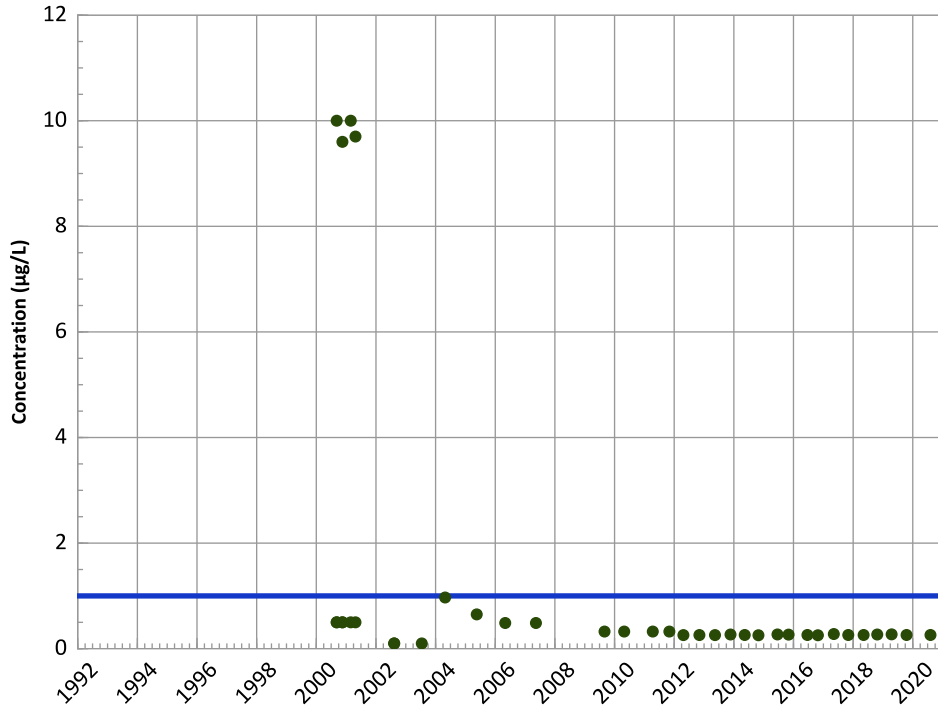
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

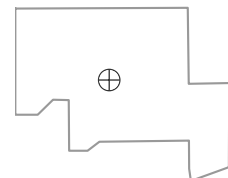
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

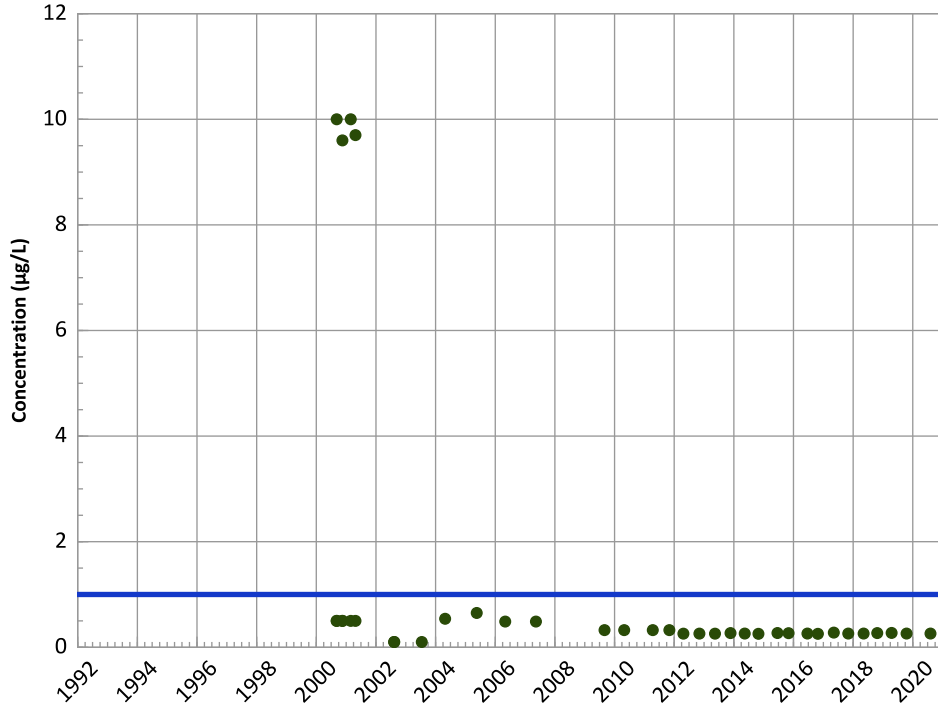
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

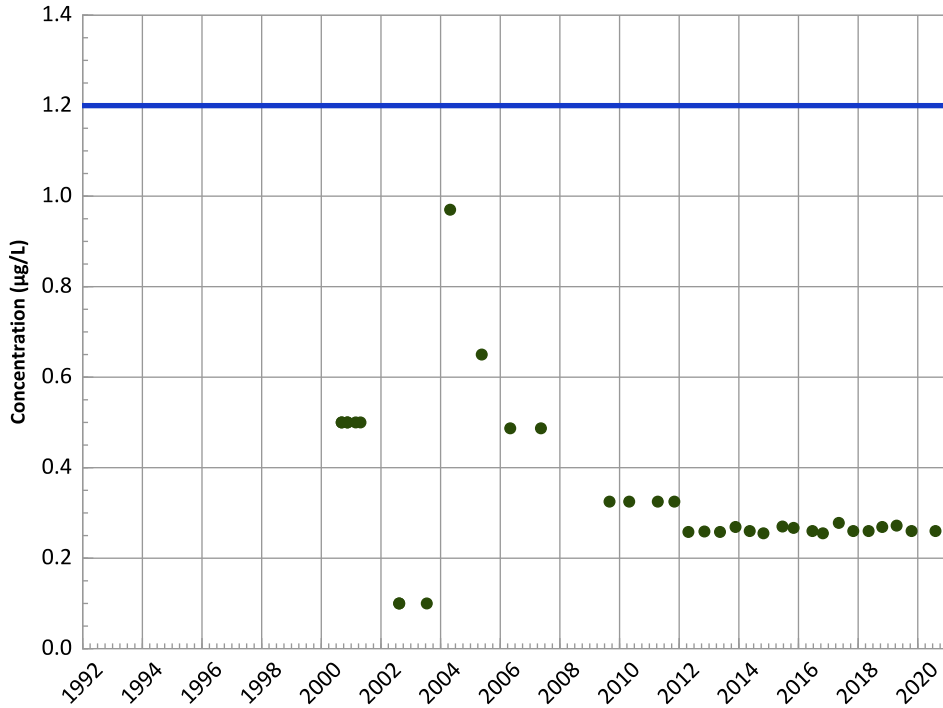
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

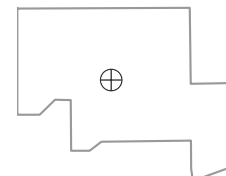
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

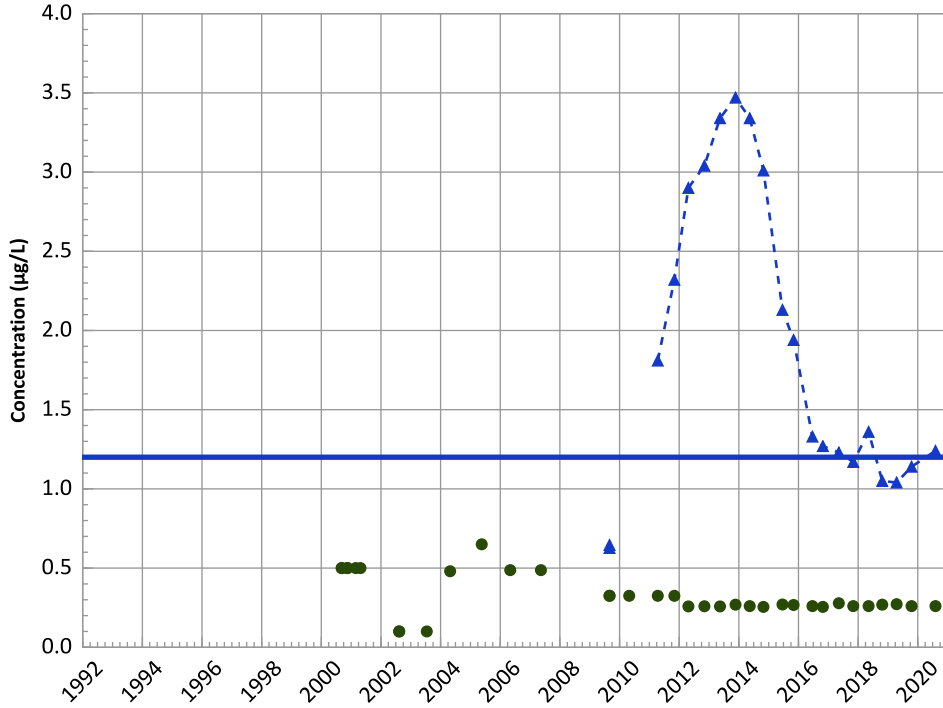
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

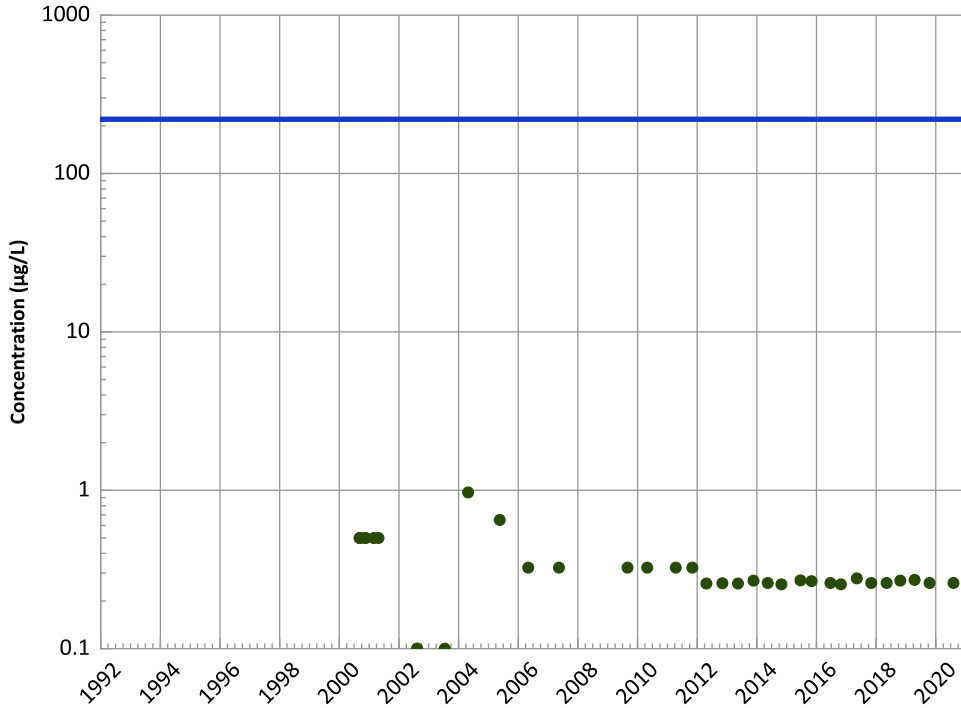
2018 - 2020 Data:

No Trend

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

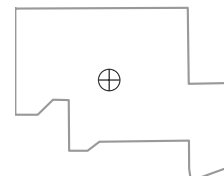
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

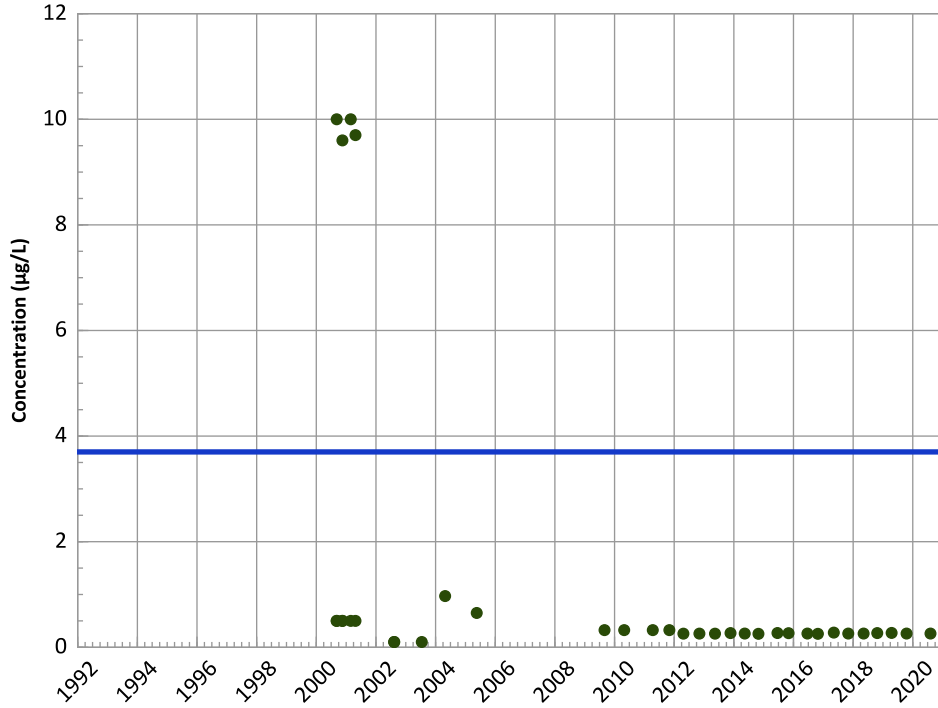
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

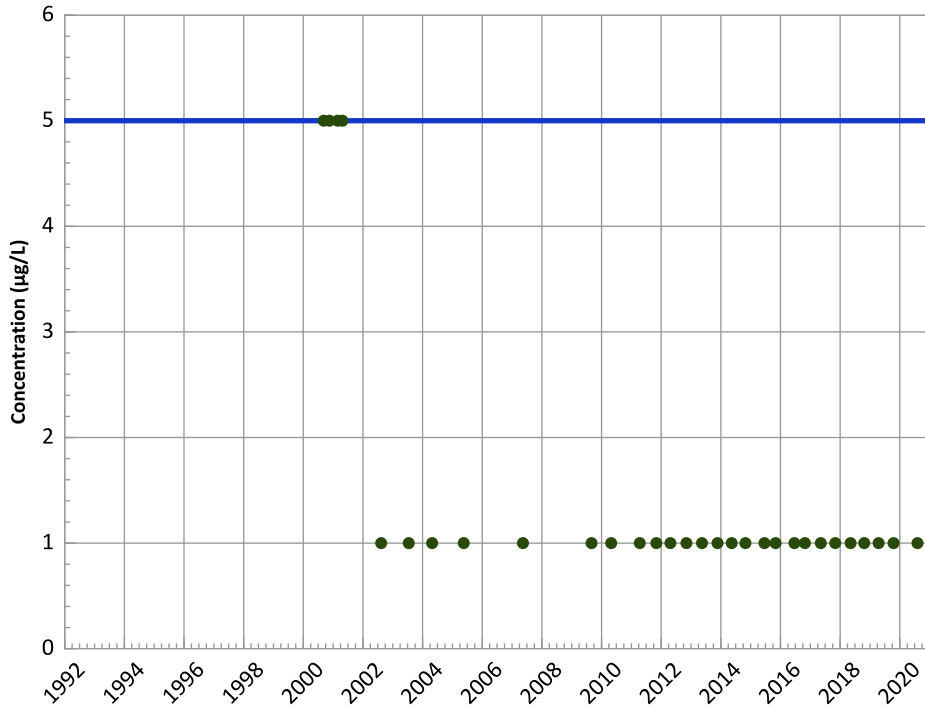
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

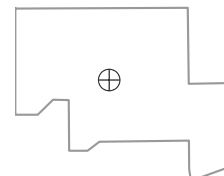
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

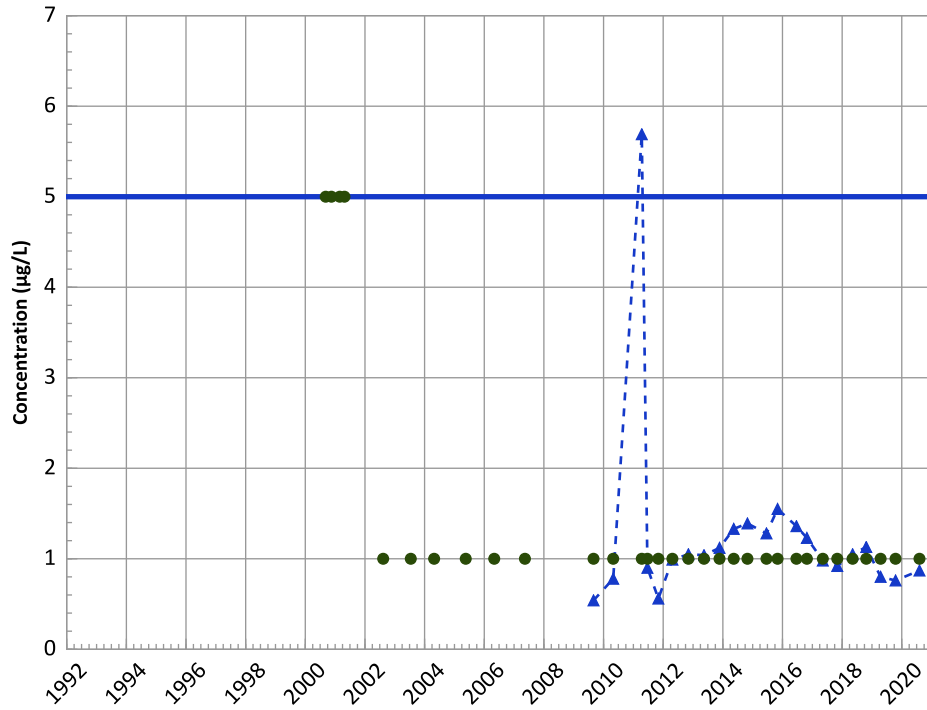
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

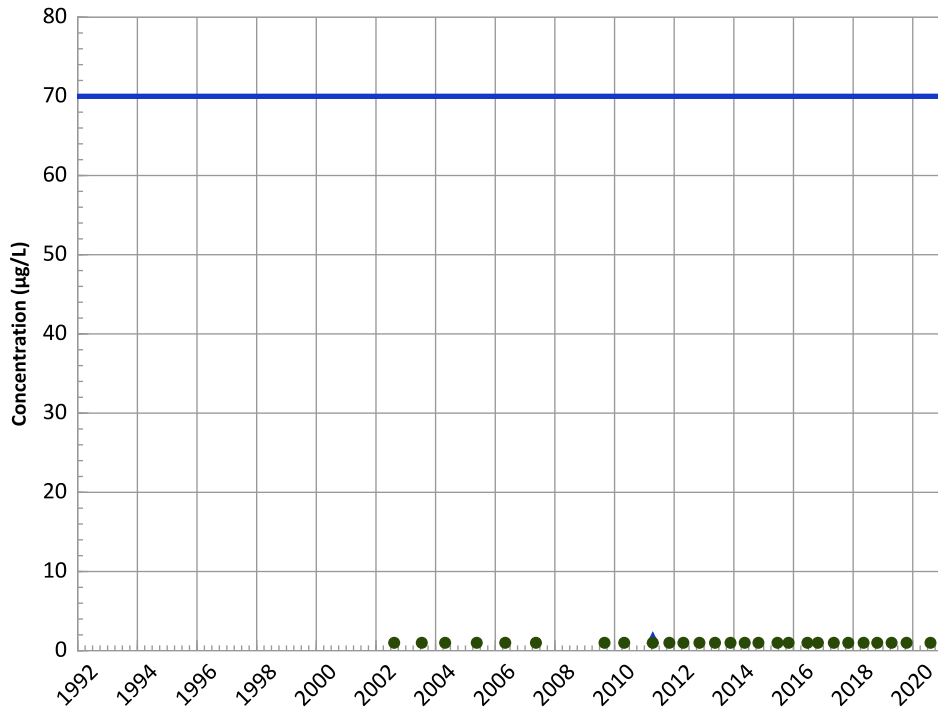
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

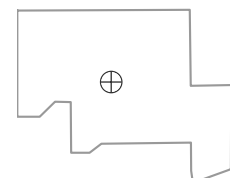
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

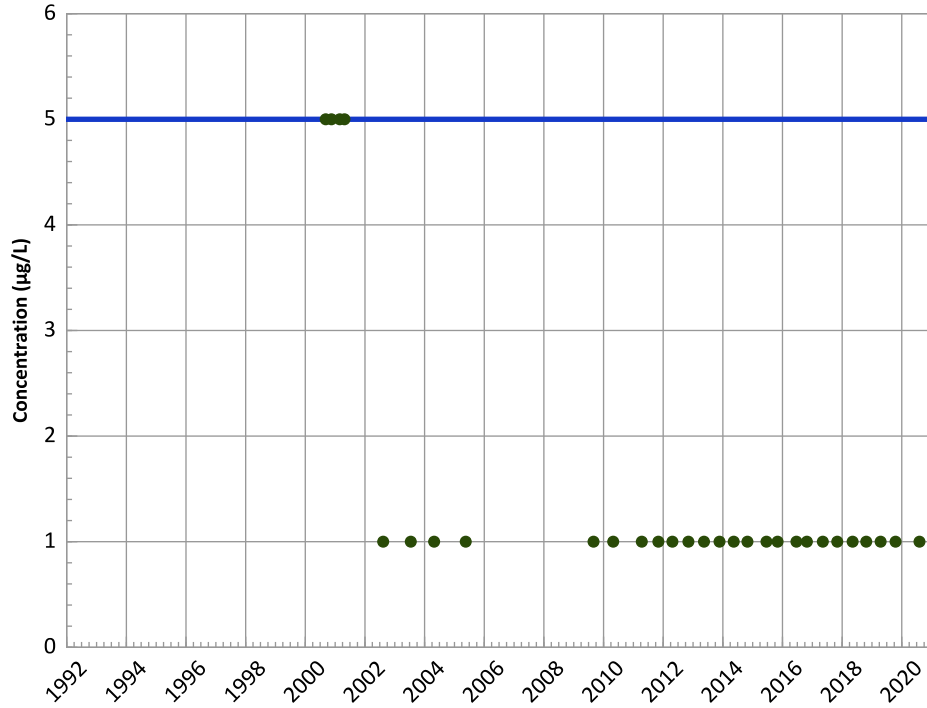
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

**PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

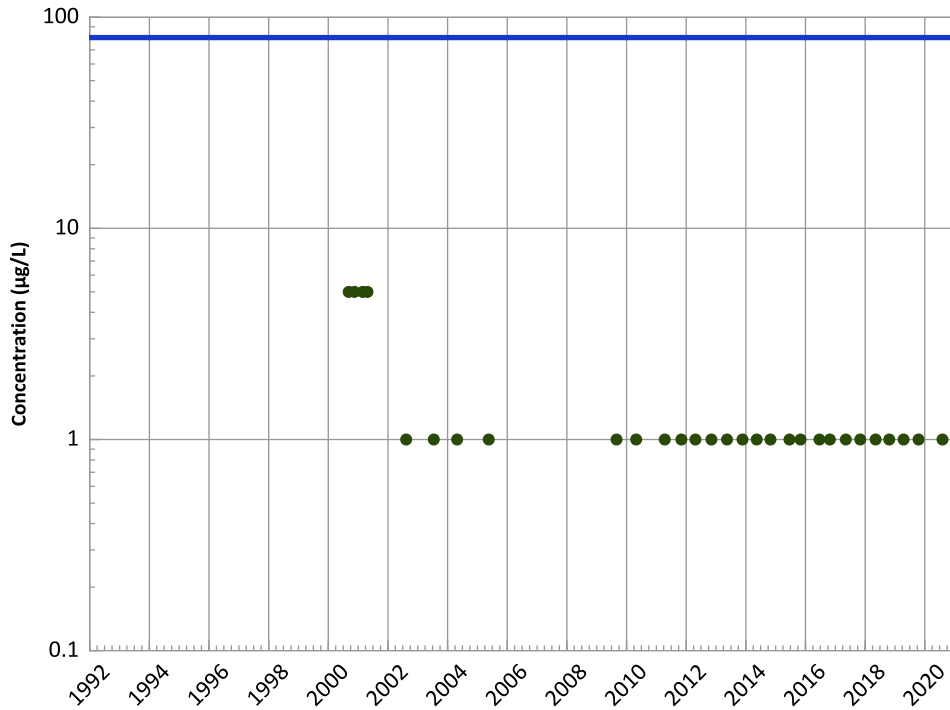
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

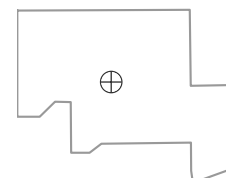
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

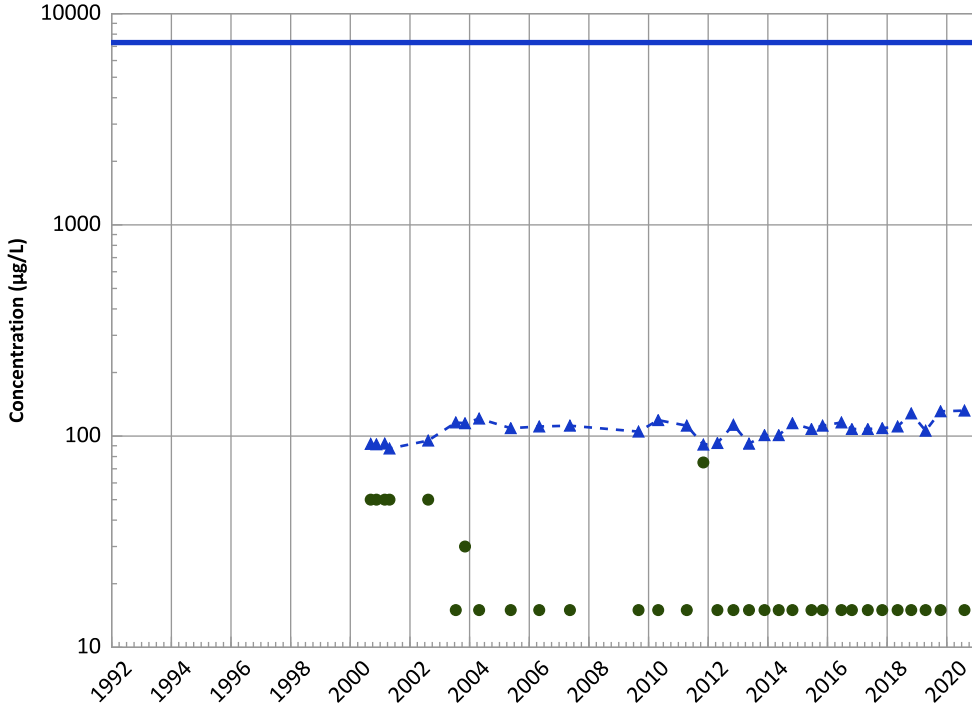
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

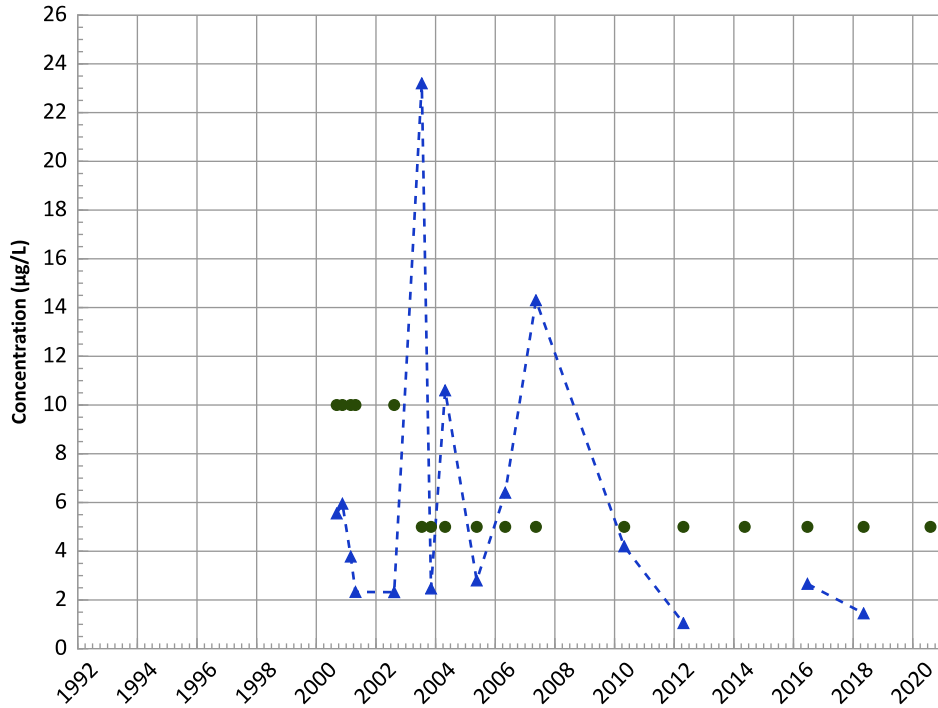
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

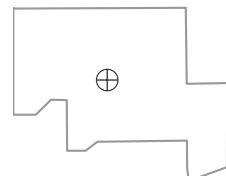
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Well Location

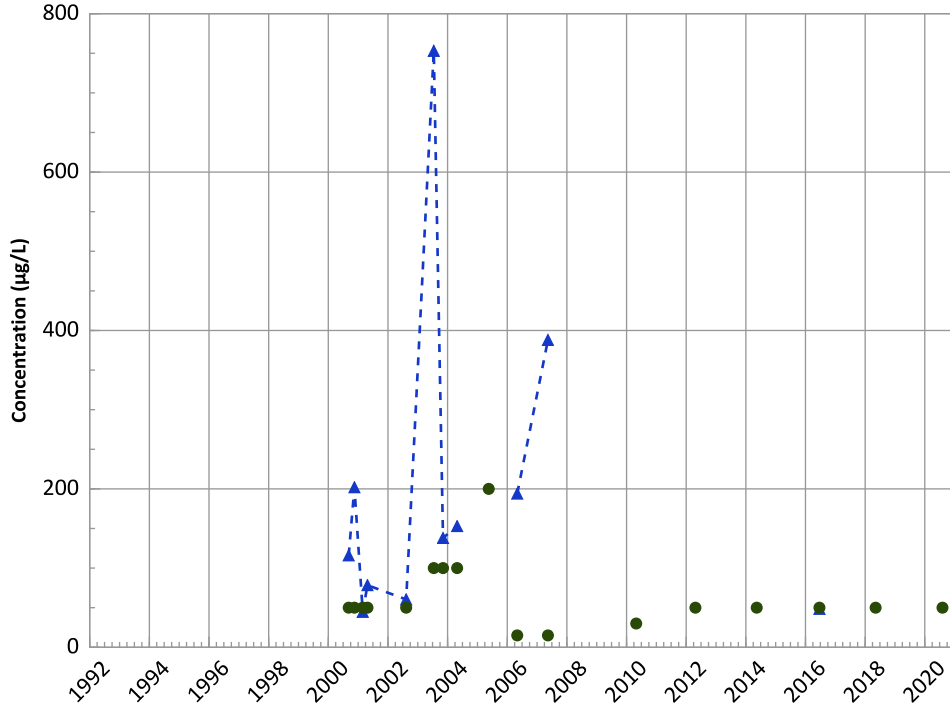


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

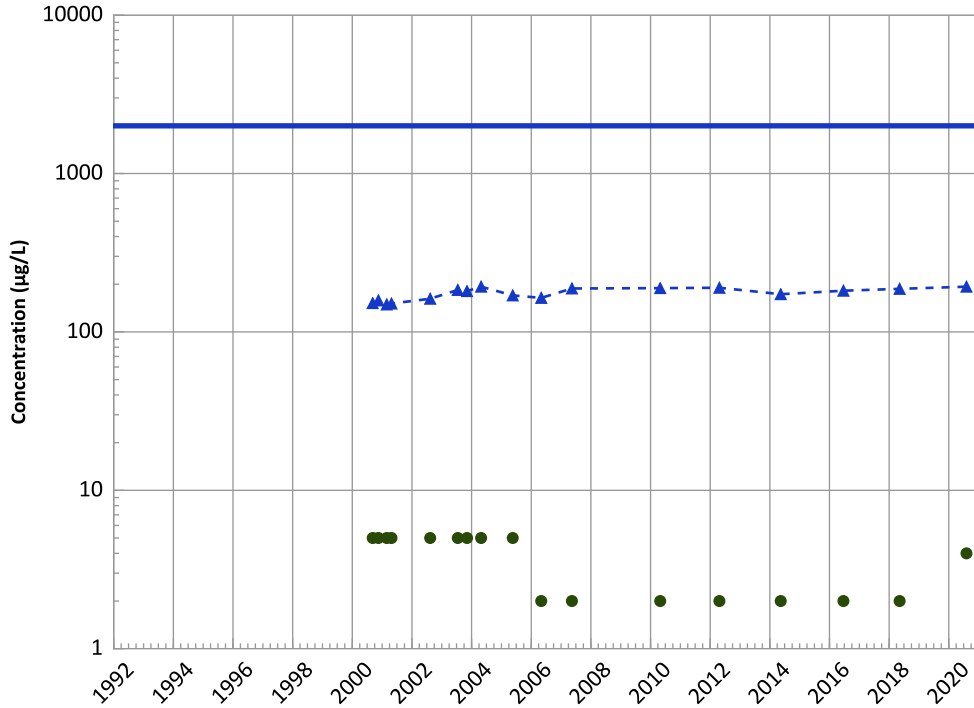
2018 - 2020 Data:

No Trend

All Data:

No Trend

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

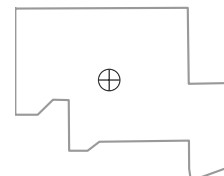
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

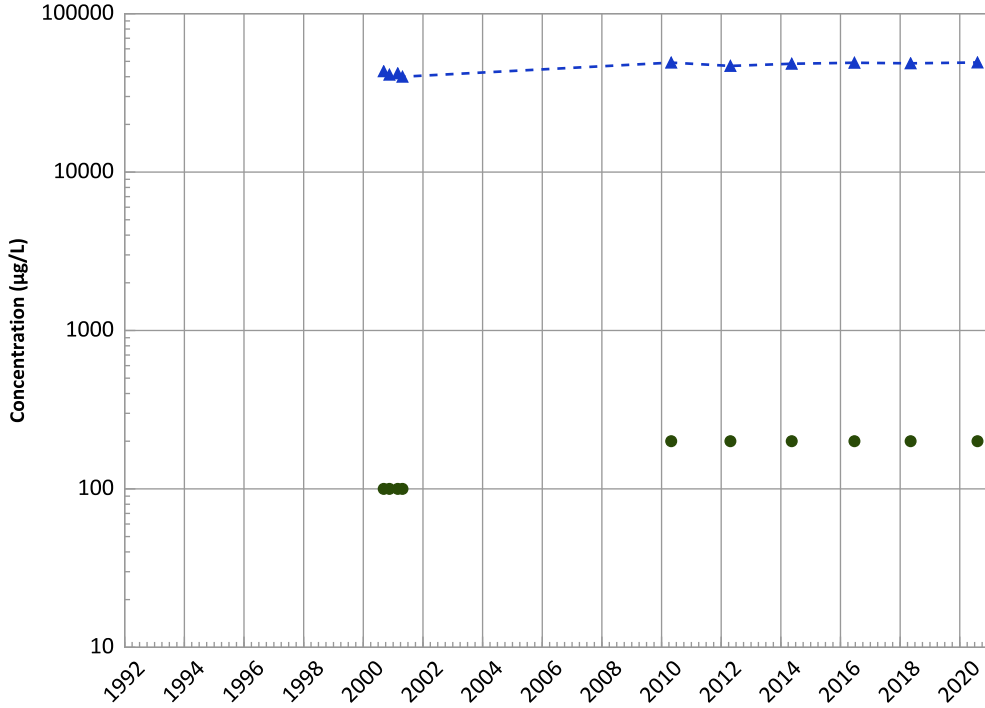
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

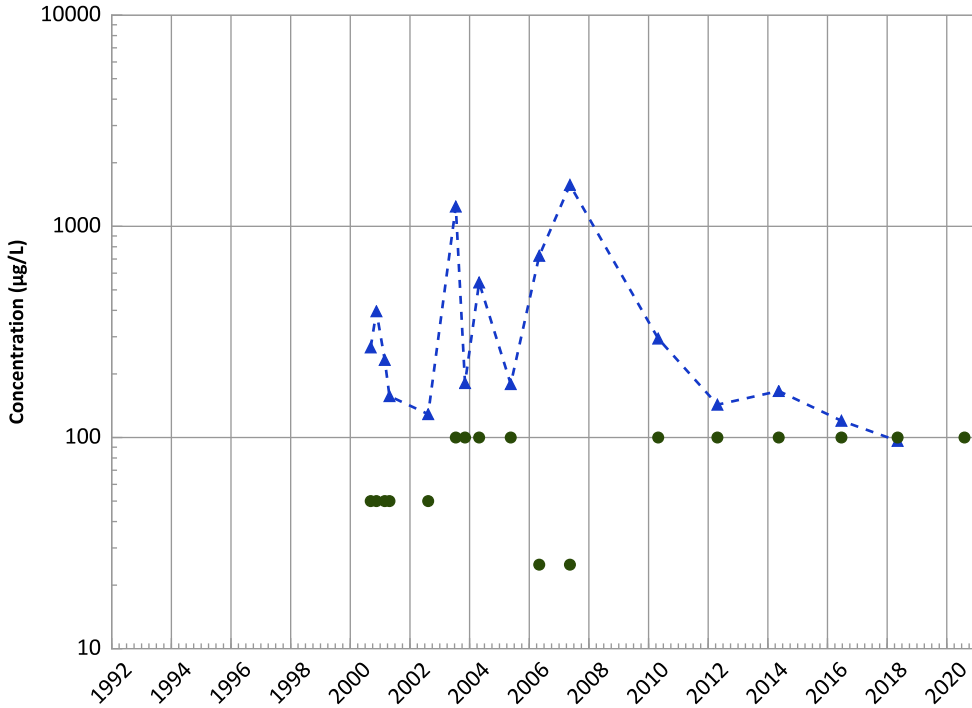
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

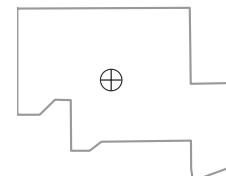
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Decreasing

Well Location

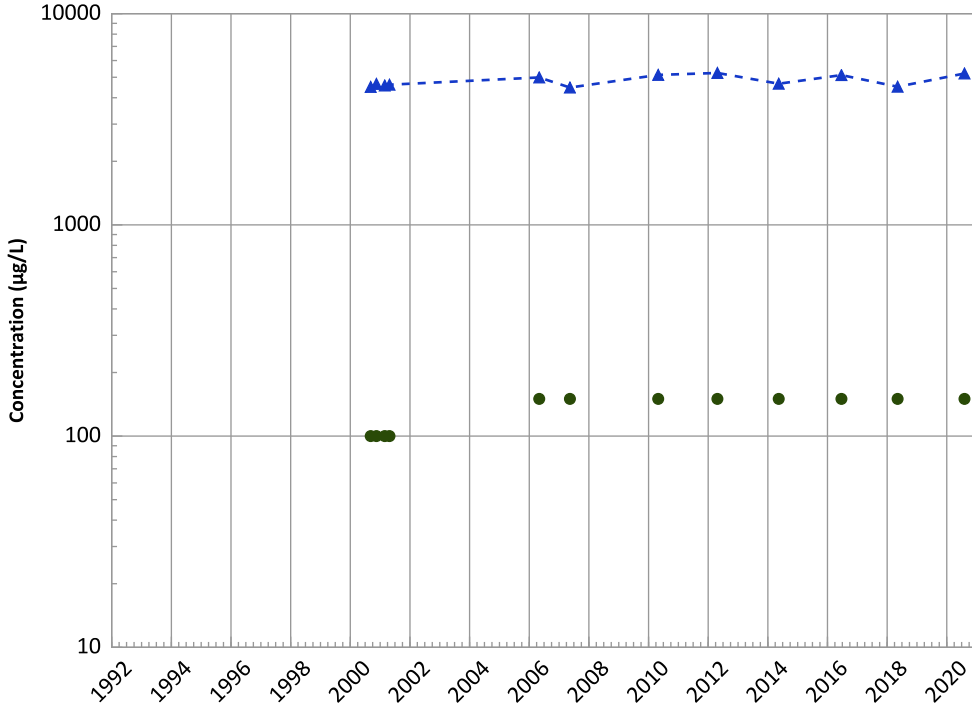


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

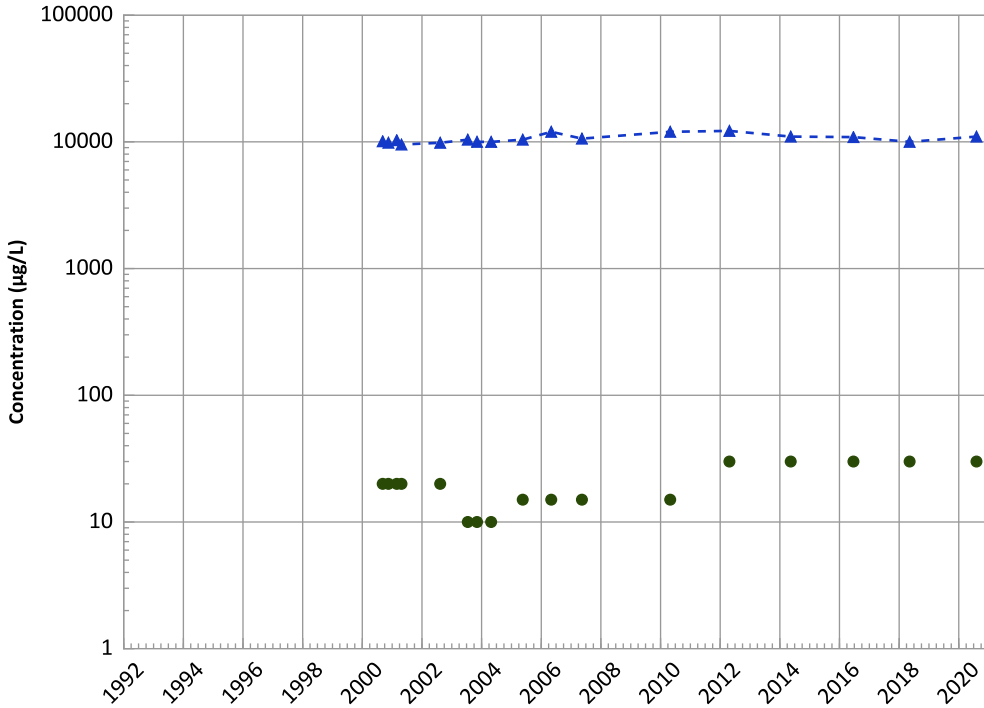
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Increasing

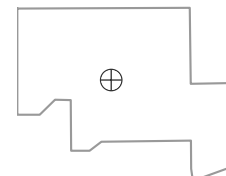
MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Increasing

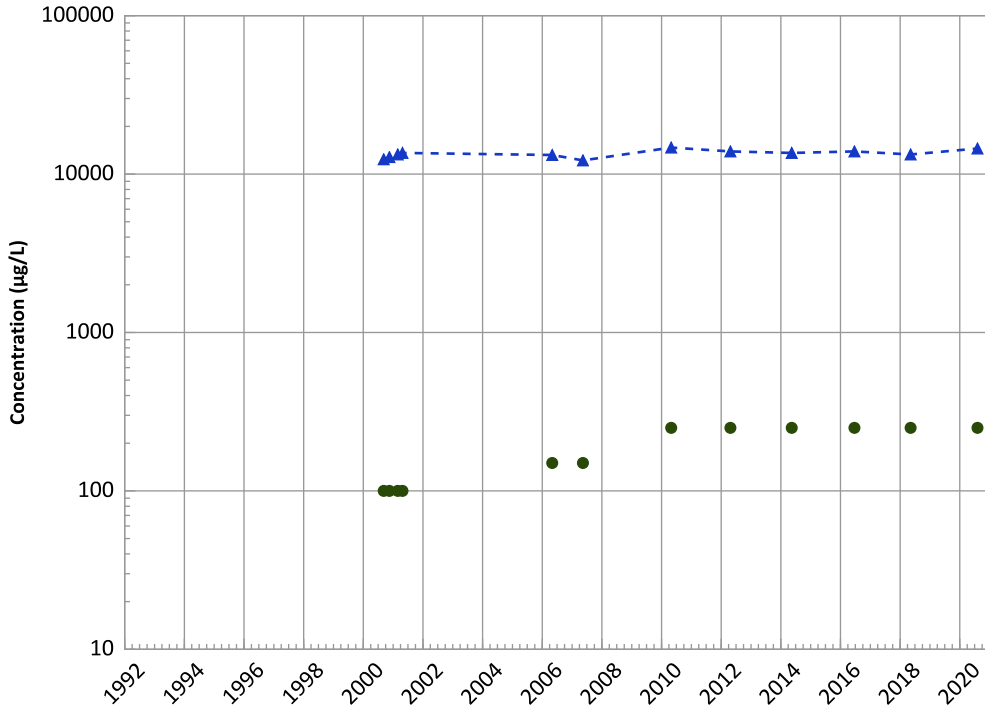
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/07/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1049 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

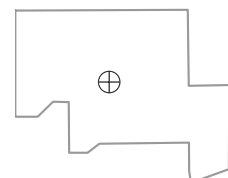
All Data:

Increasing

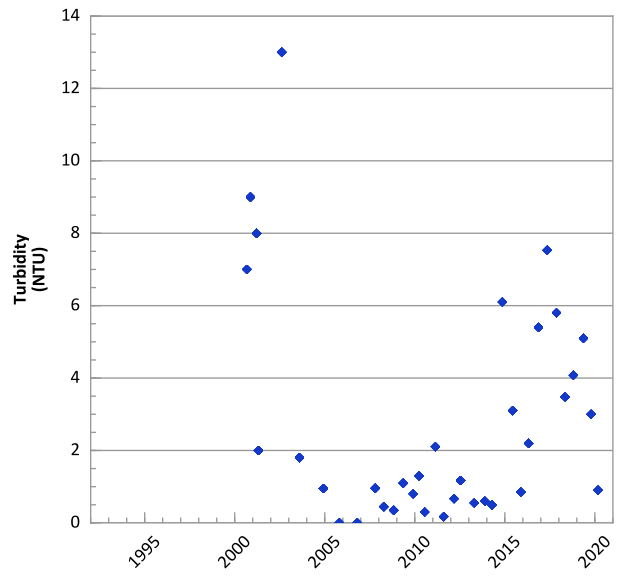
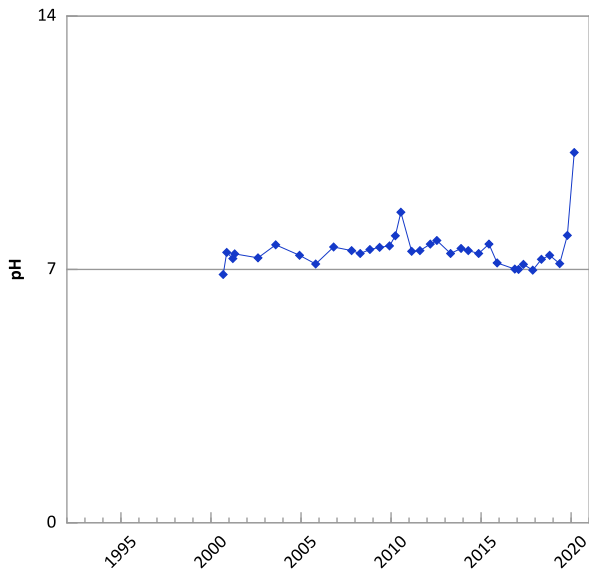
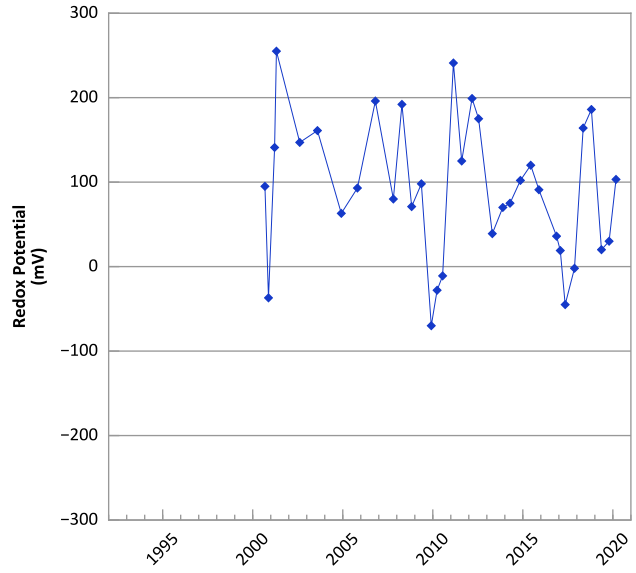
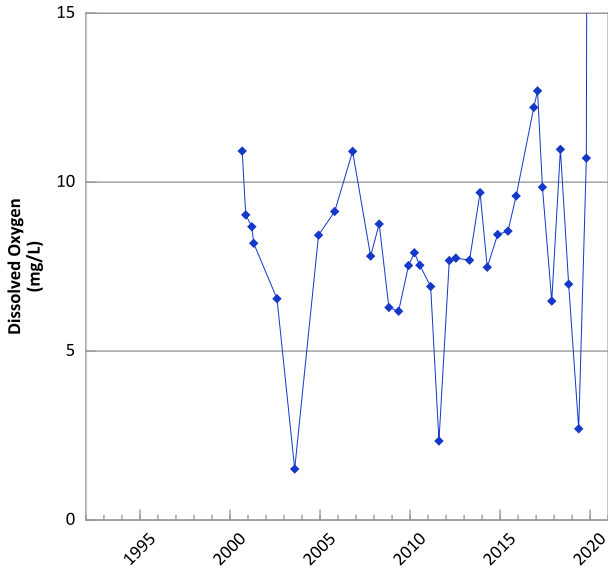
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/07/2000 to 08/05/2020
 Analysis Date: 06/03/2021

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

Well Location

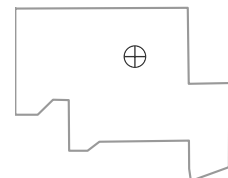


**PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



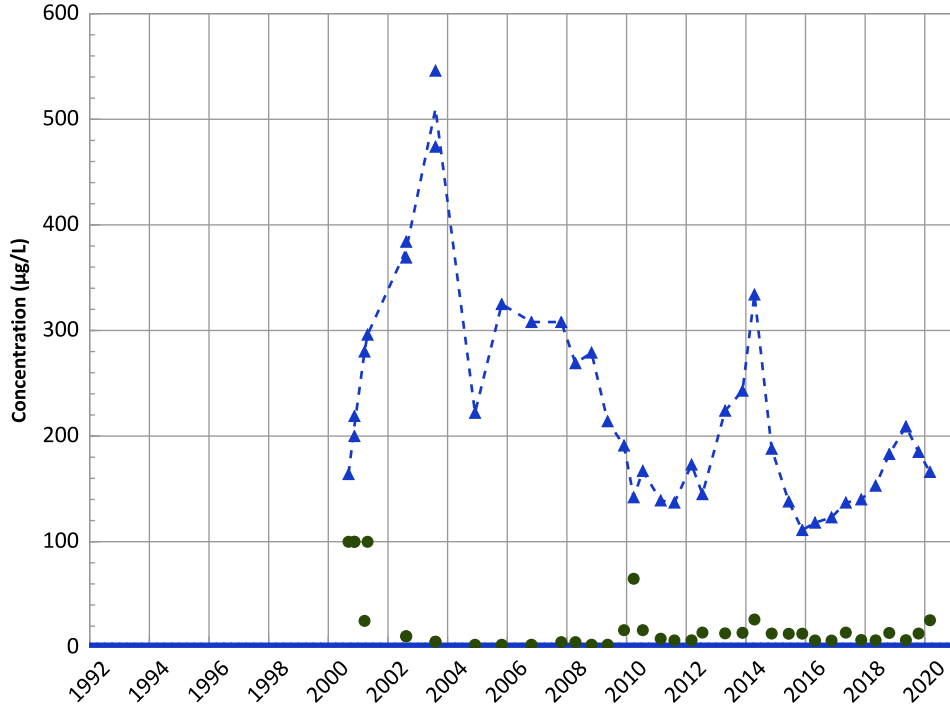
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/05/2000 to 03/05/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

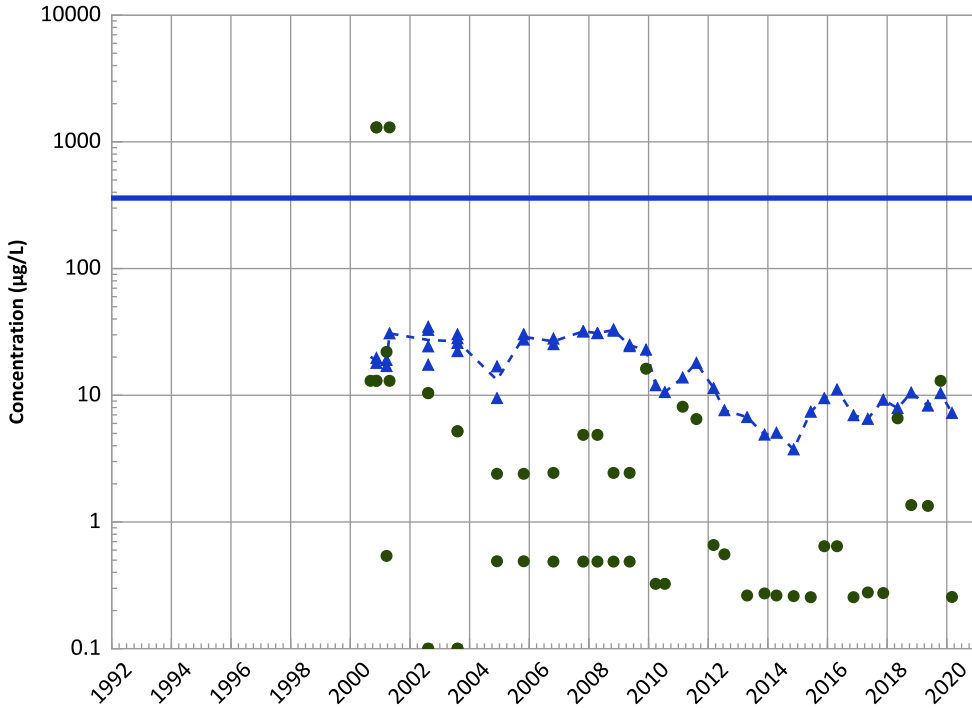
2018 - 2020 Data:

Stable

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

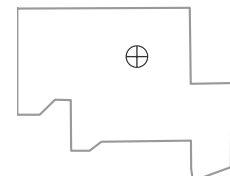
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

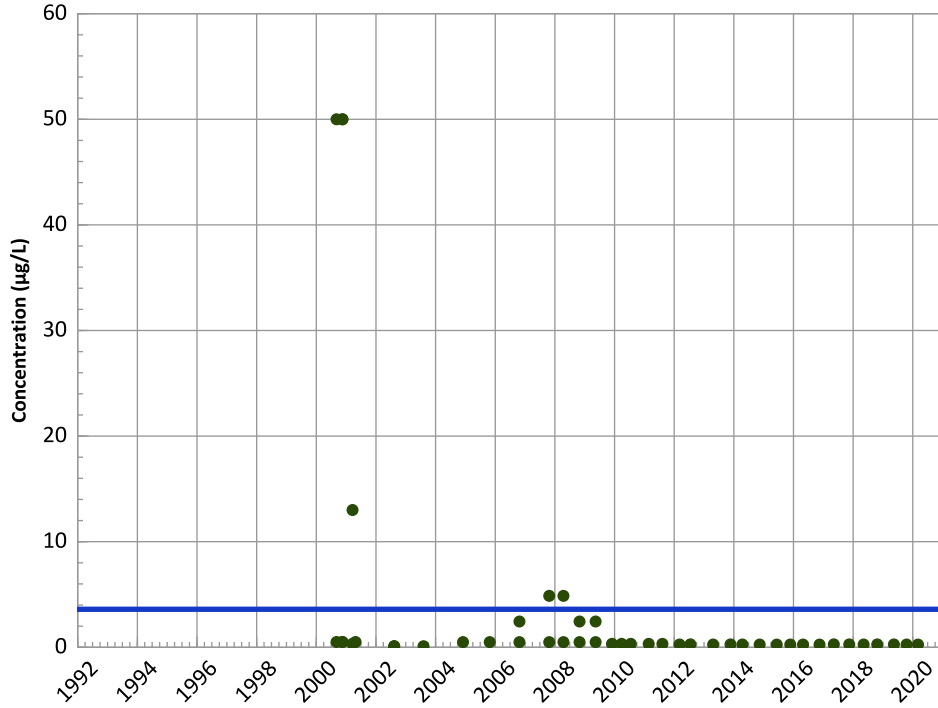
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

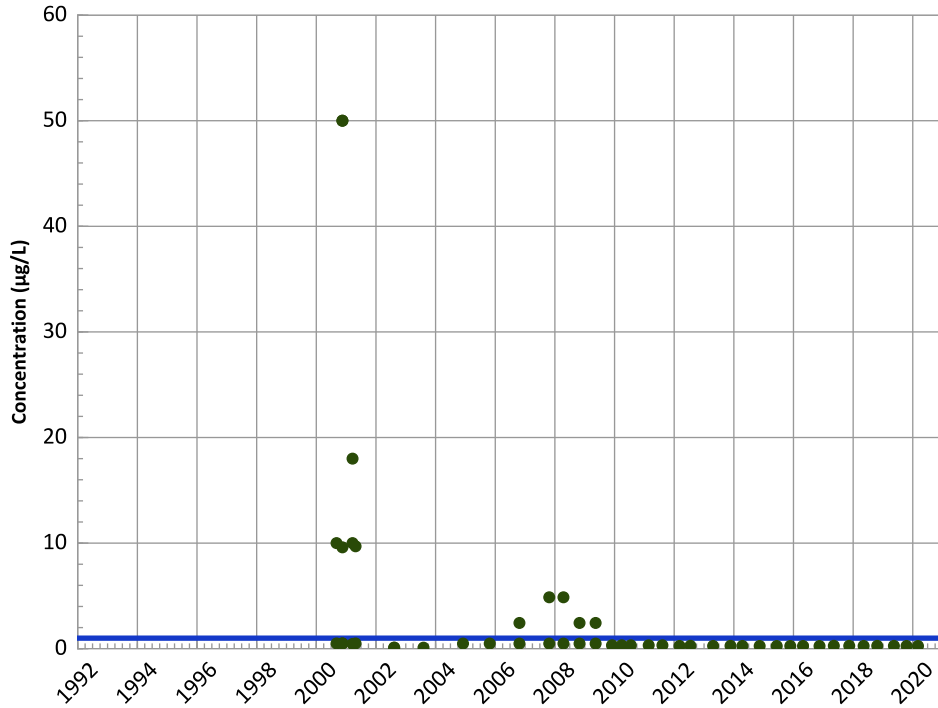
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

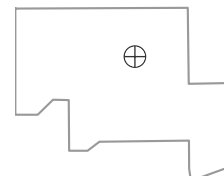
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

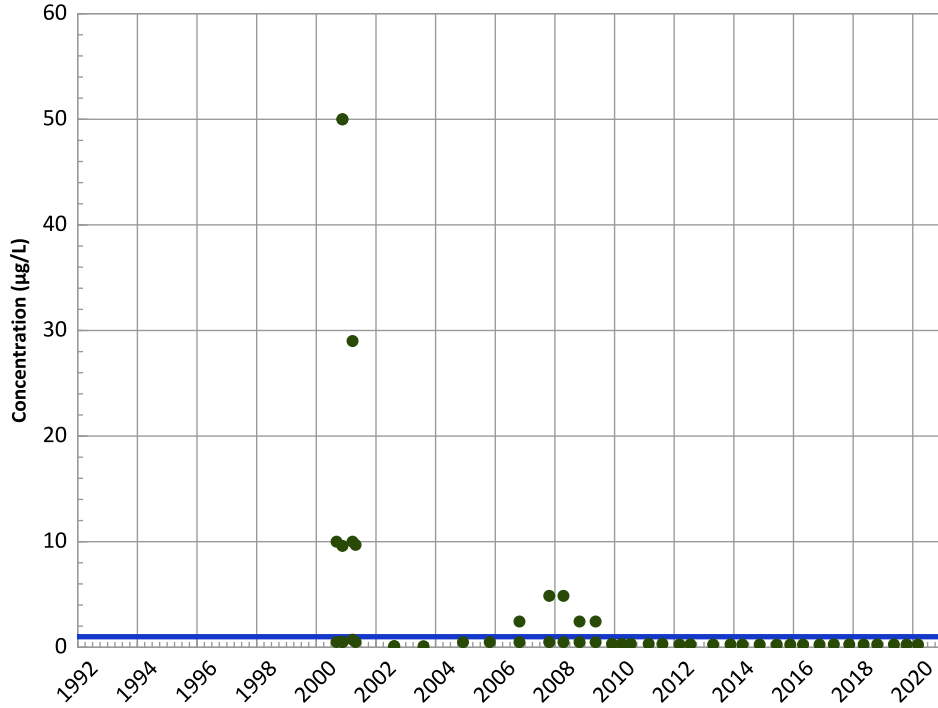
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

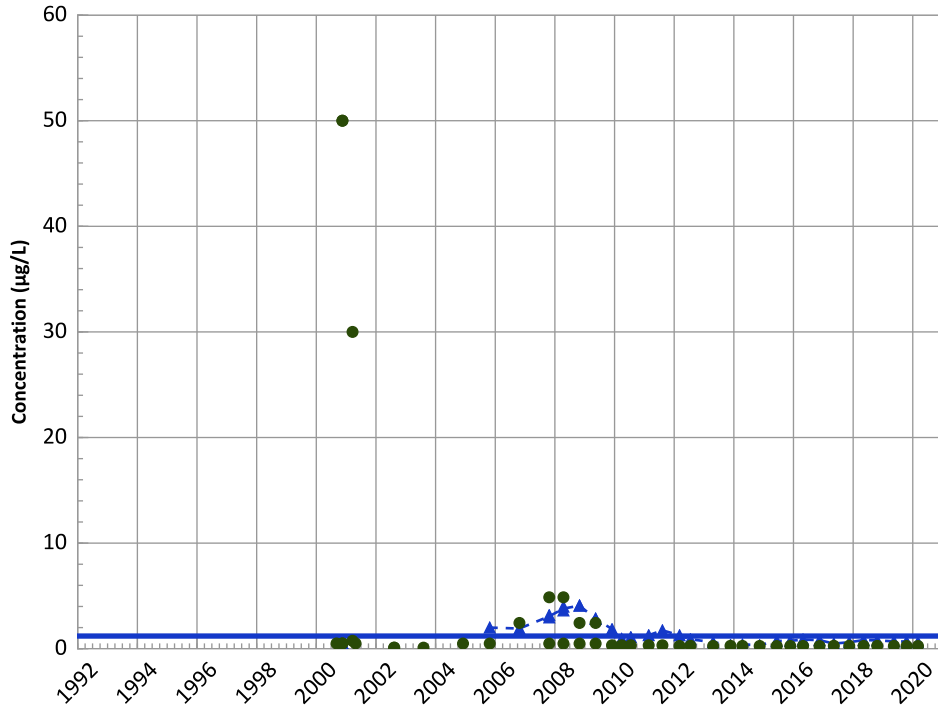
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

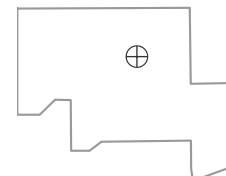
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

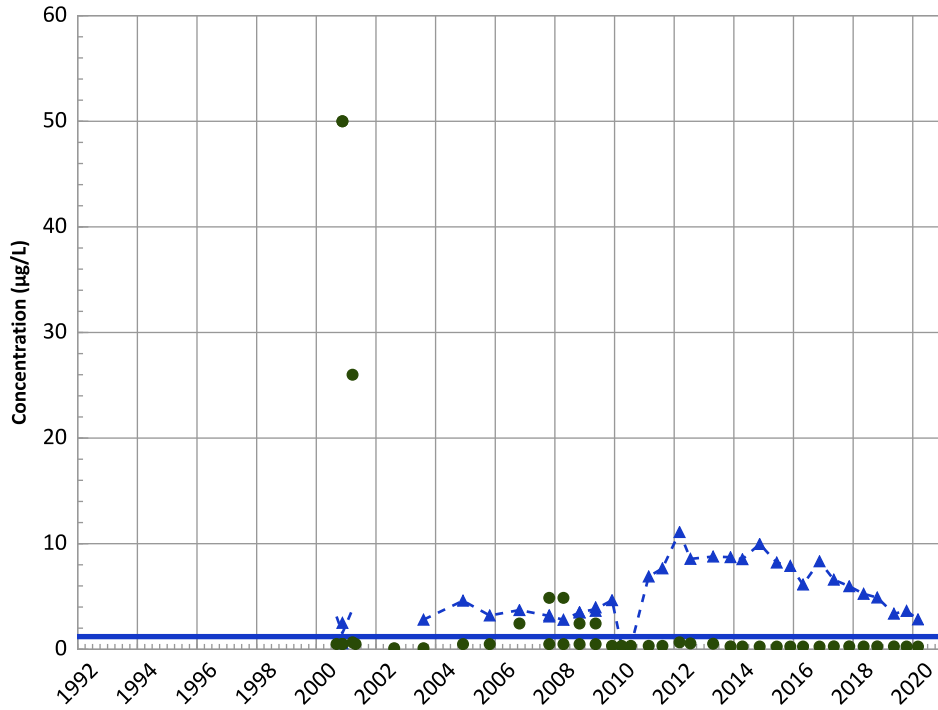
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

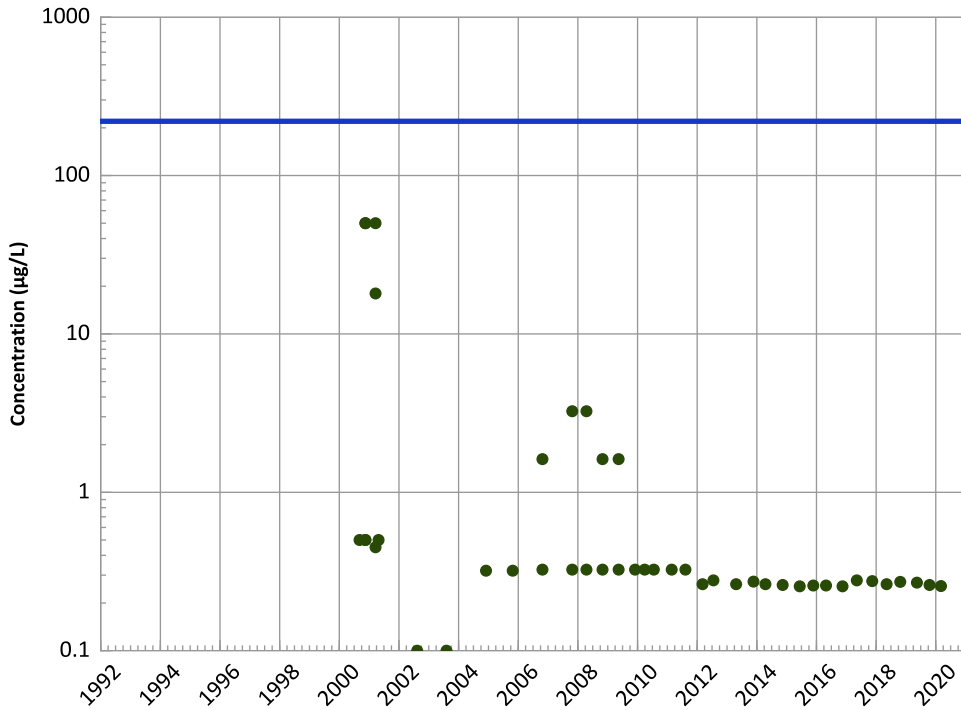
2018 - 2020 Data:

Stable

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

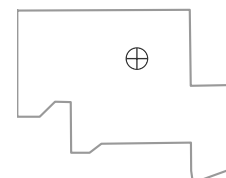
All Data:

All Non-Detect

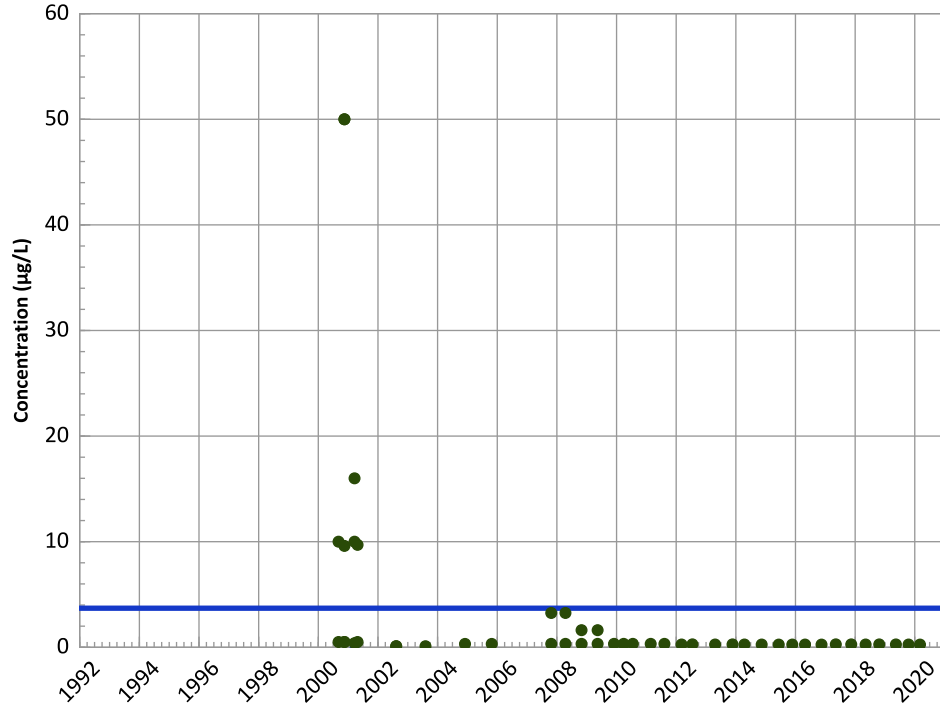
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

- ▲ 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

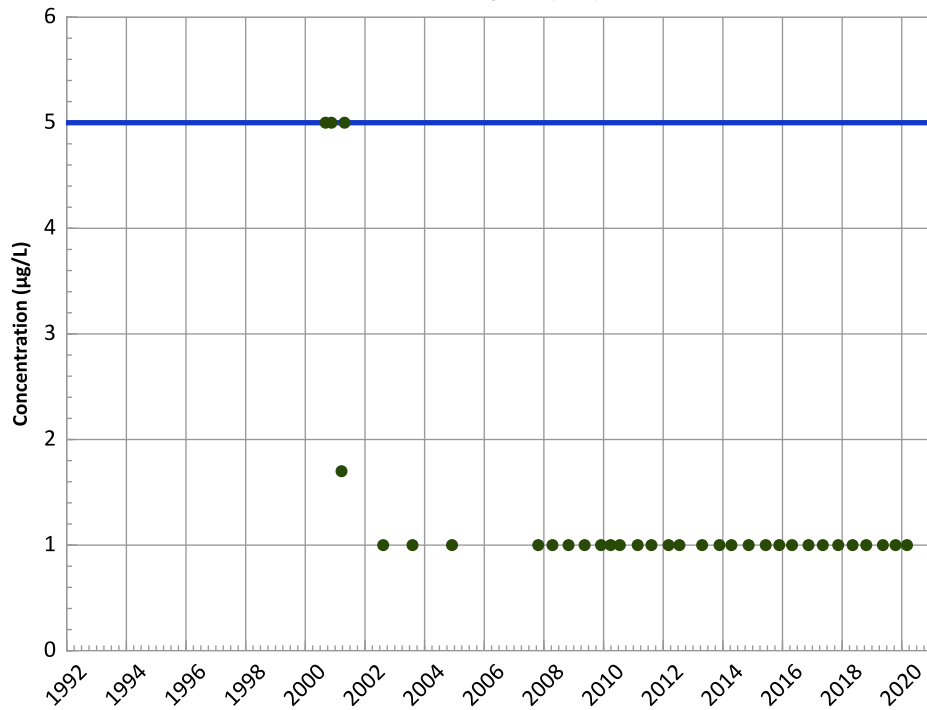
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

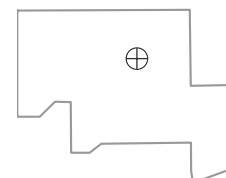
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

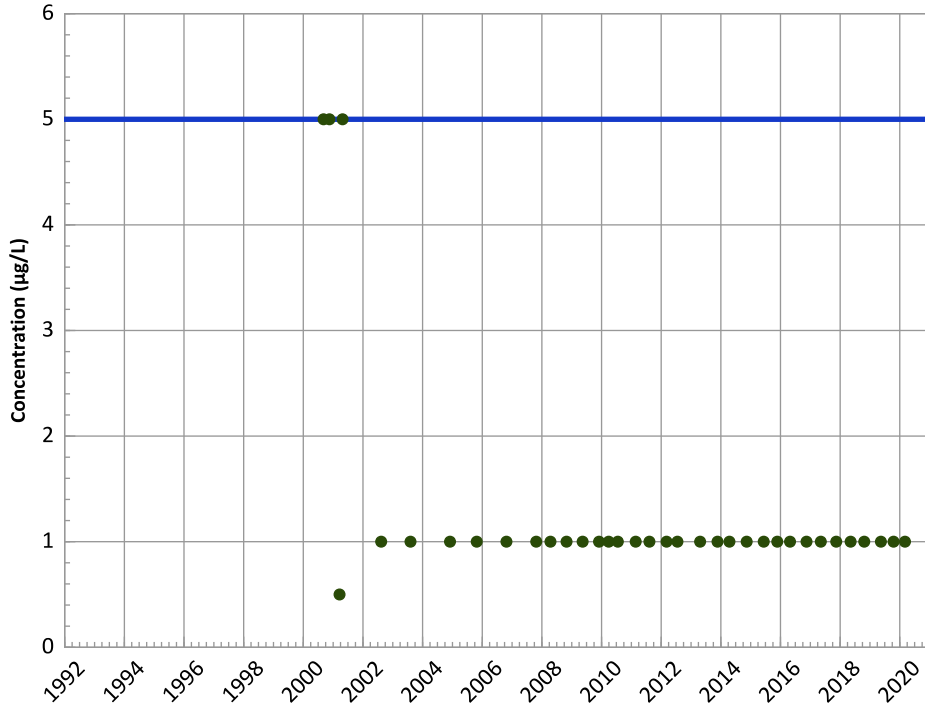
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

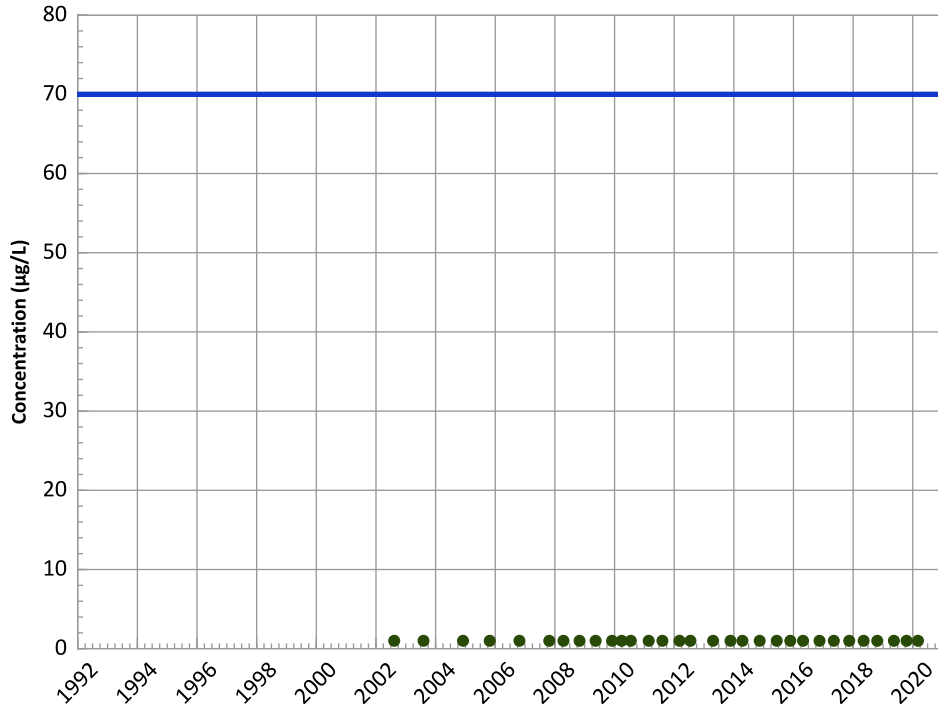
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

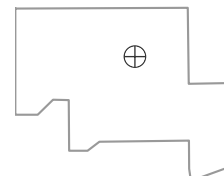
All Data:

All Non-Detect

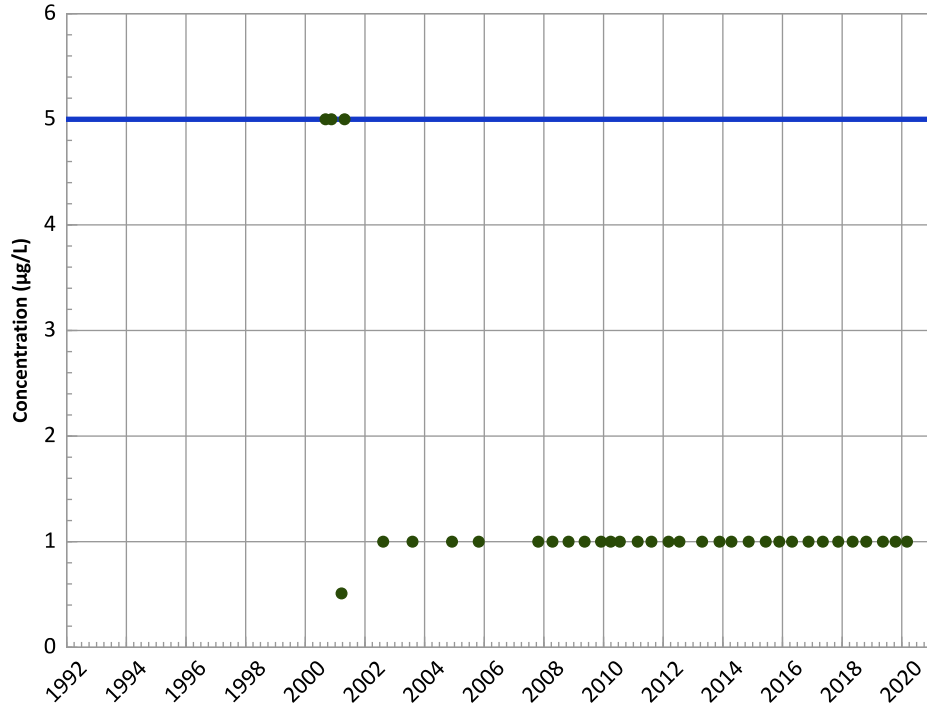
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

- ▲ 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**

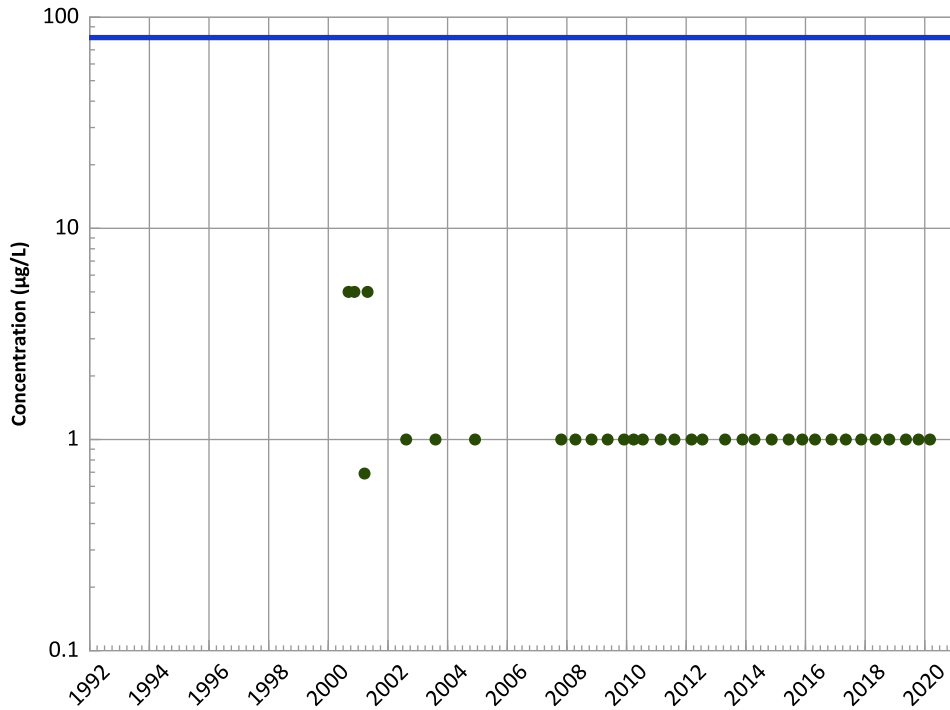


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend

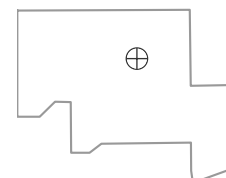


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

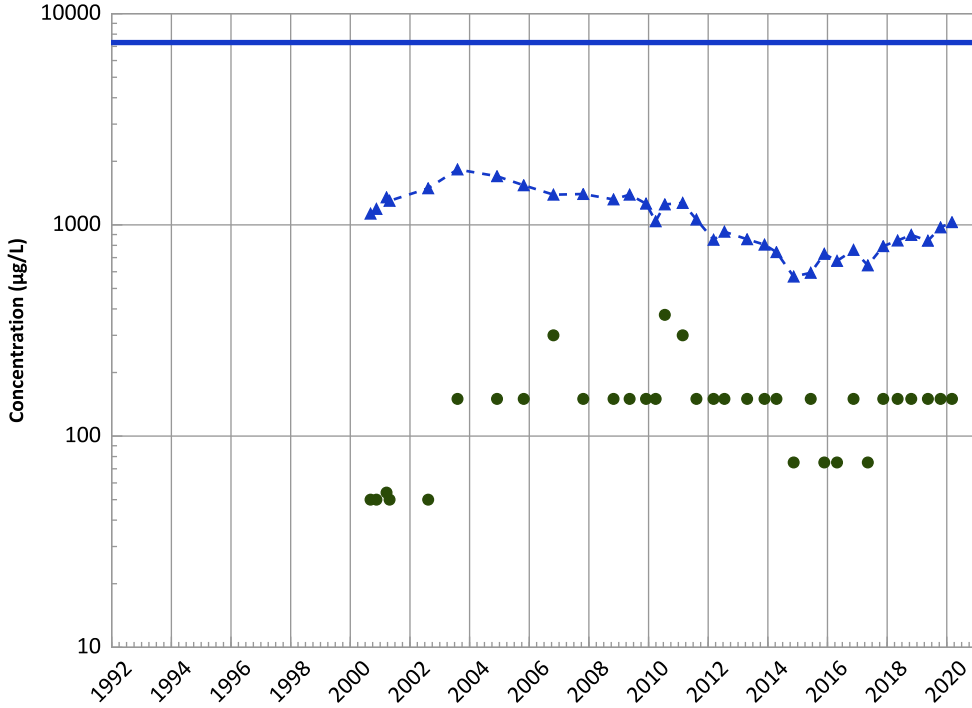


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

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

PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

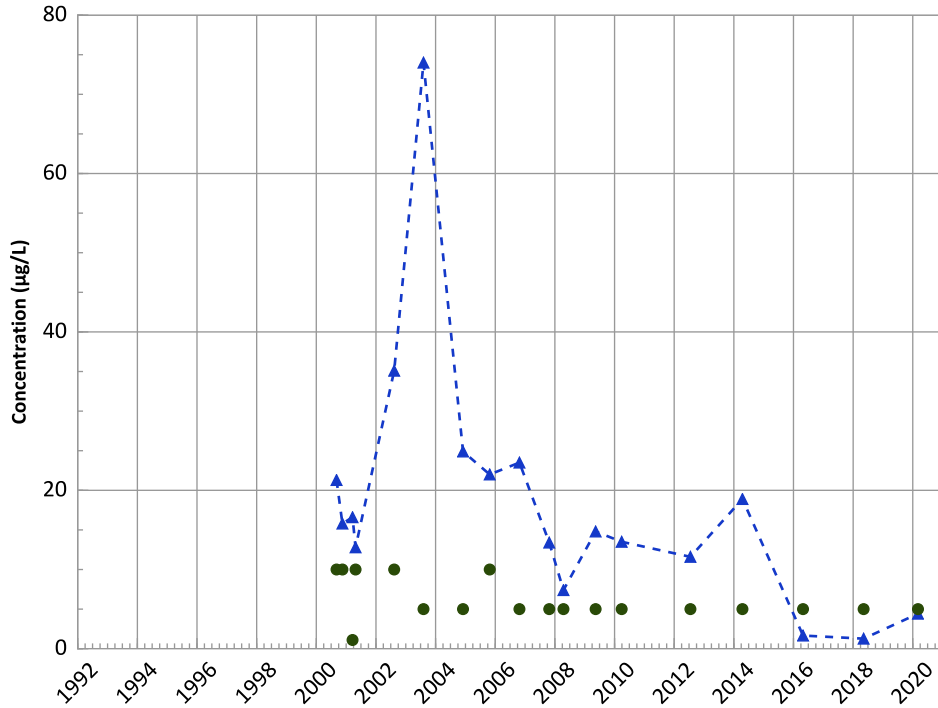
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

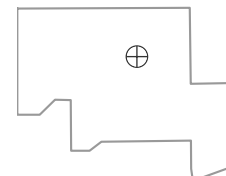
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

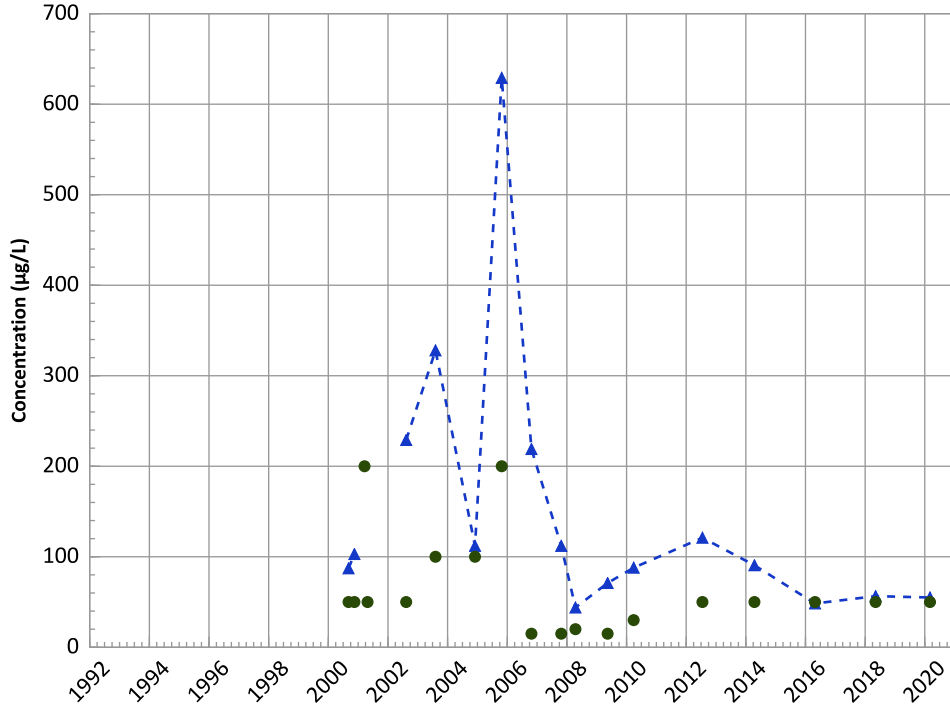
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

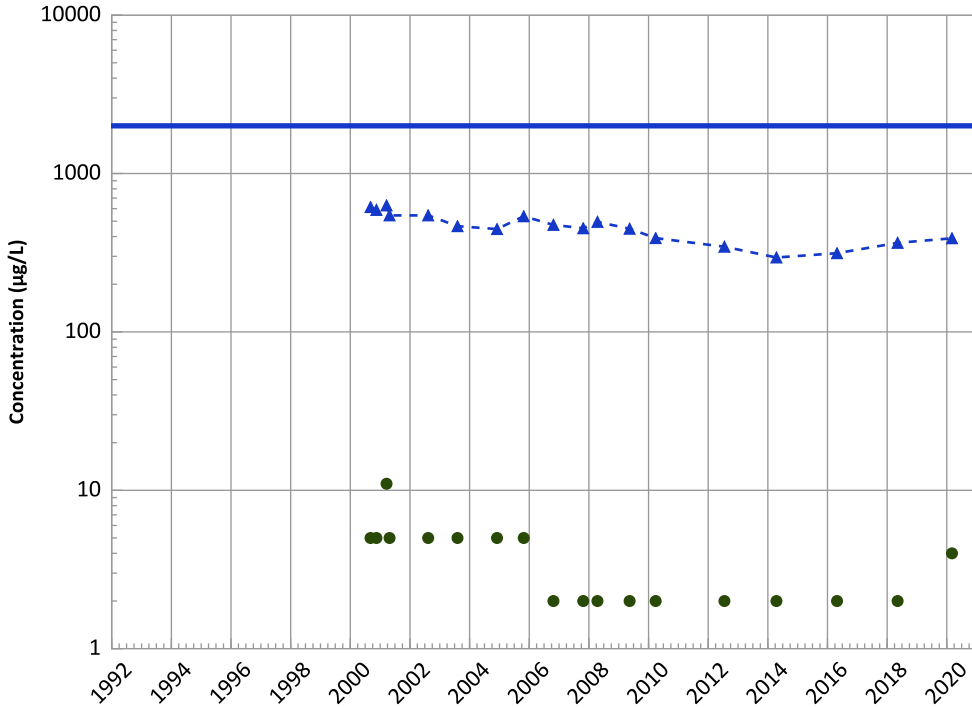
2018 - 2020 Data:

Stable

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

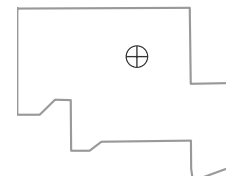
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

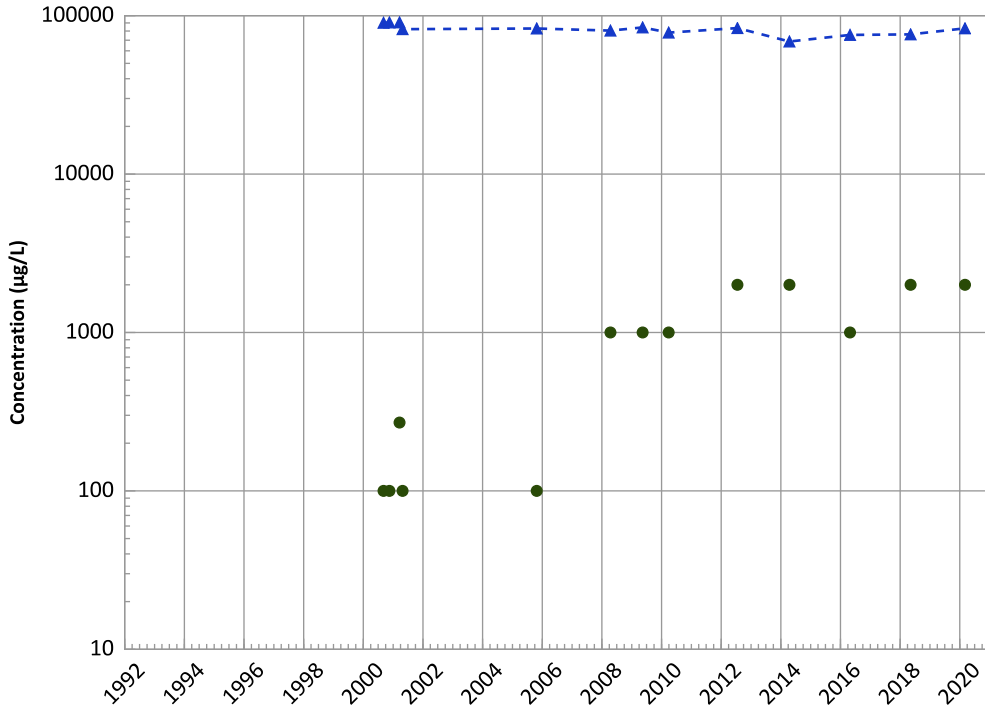
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

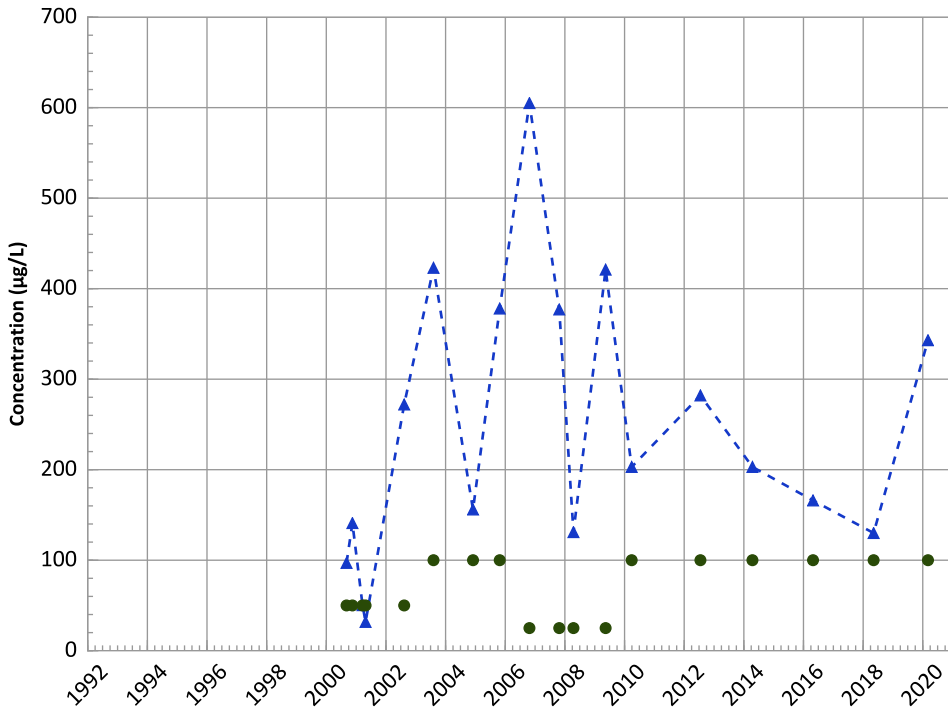
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

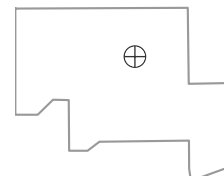
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

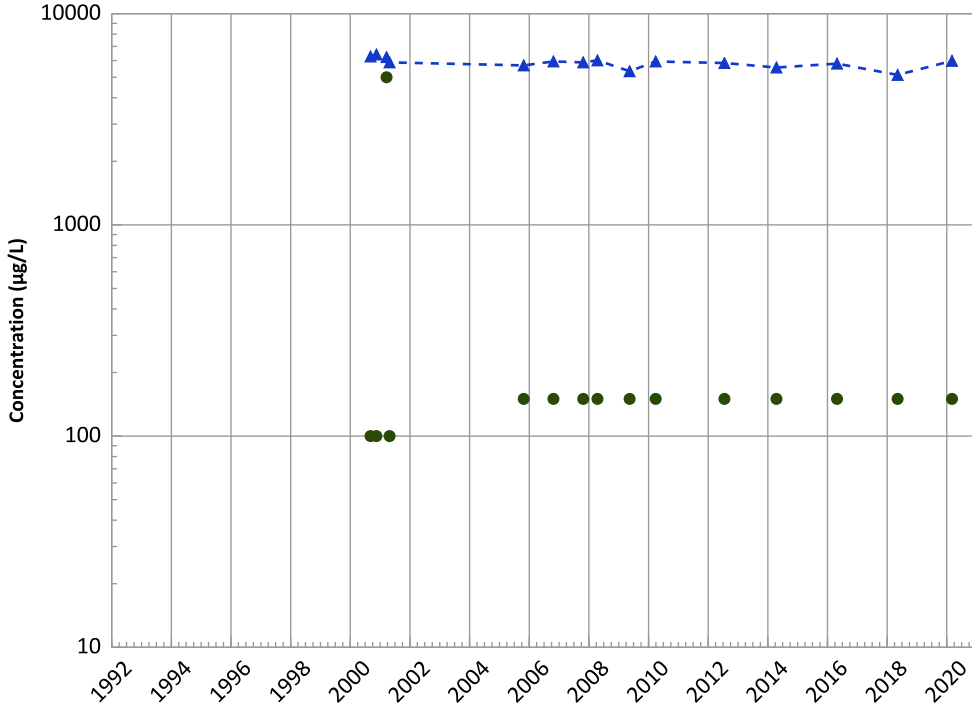
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

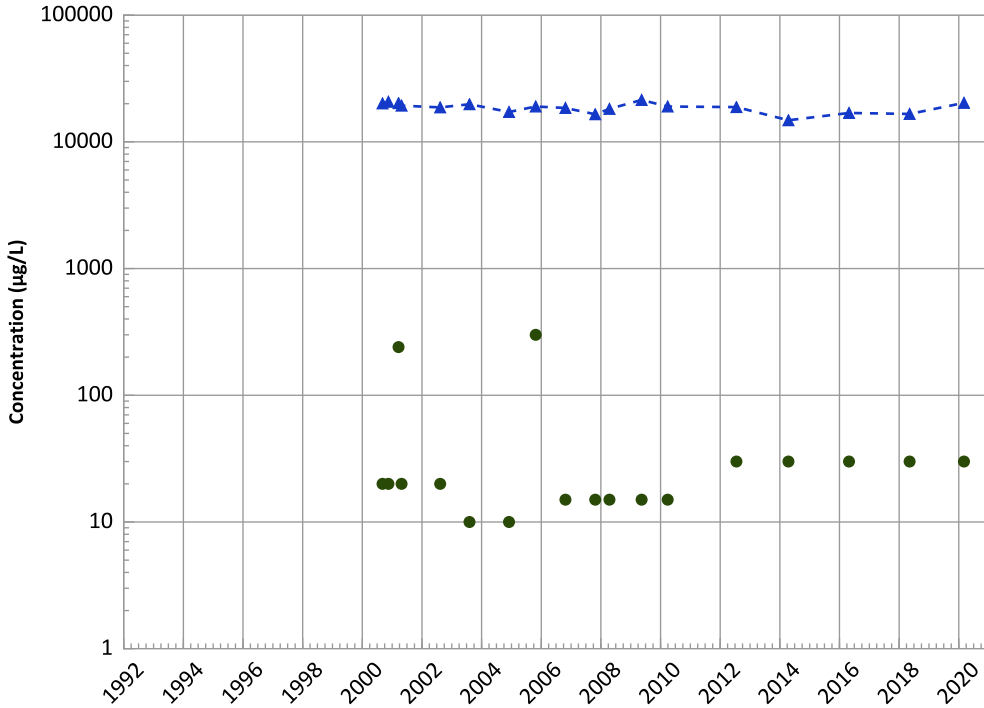
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

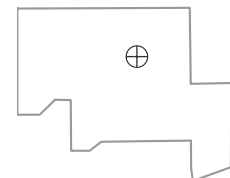
All Data:

Decreasing

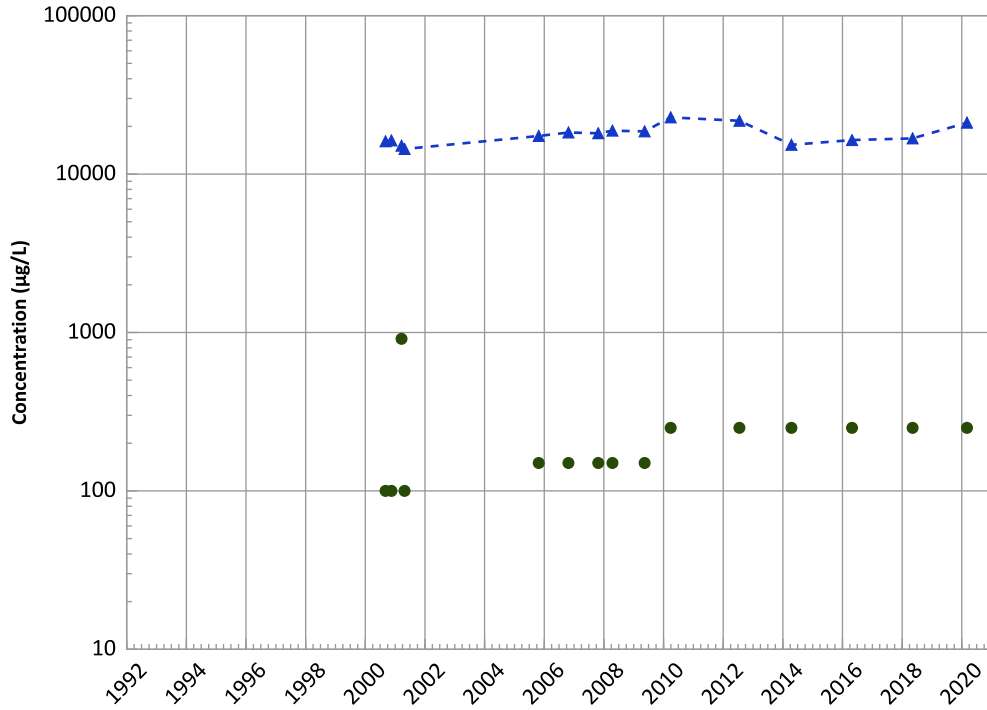
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/05/2000 to 03/05/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1050 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

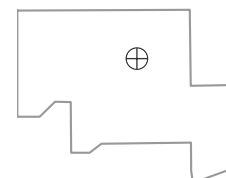
All Data:

Increasing

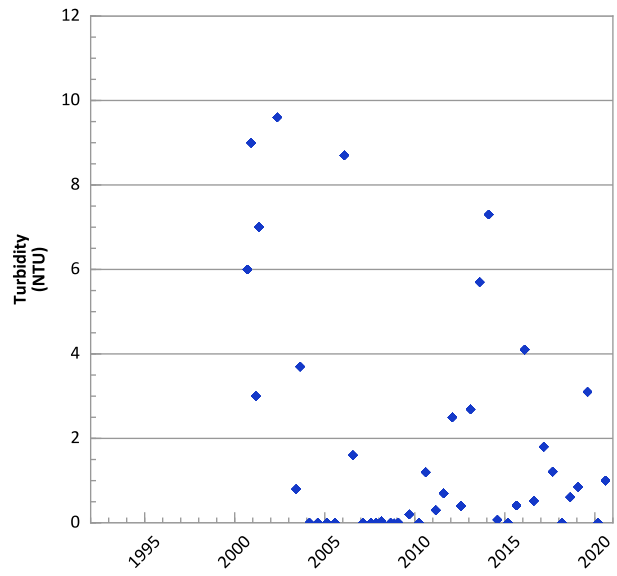
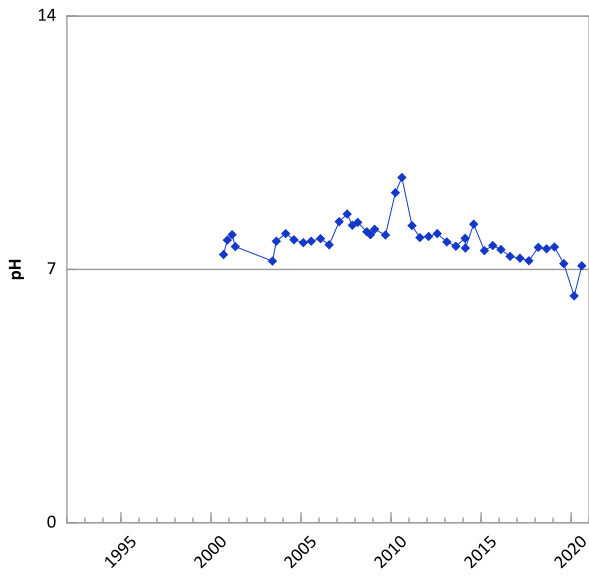
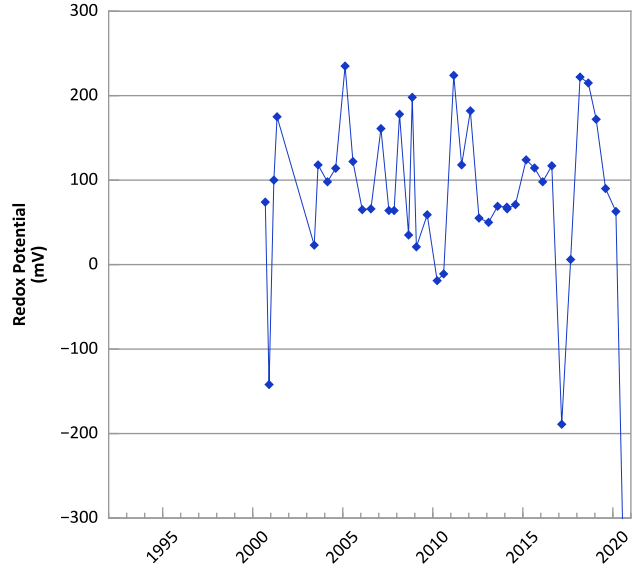
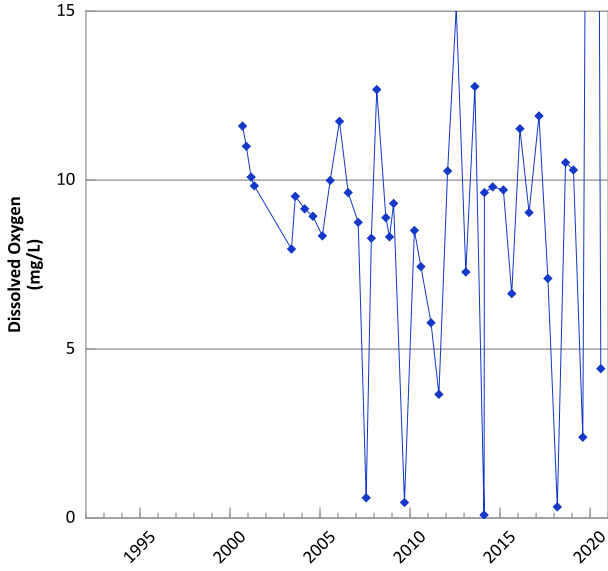
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/05/2000 to 03/05/2020
 Analysis Date: 06/03/2021

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

Well Location

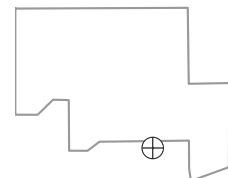


**PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



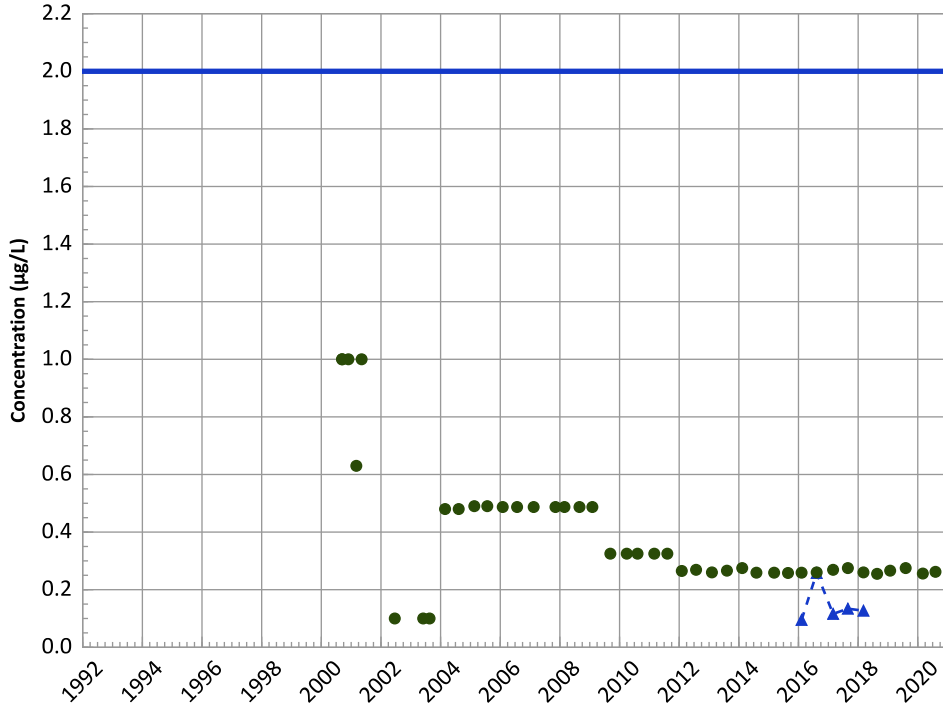
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

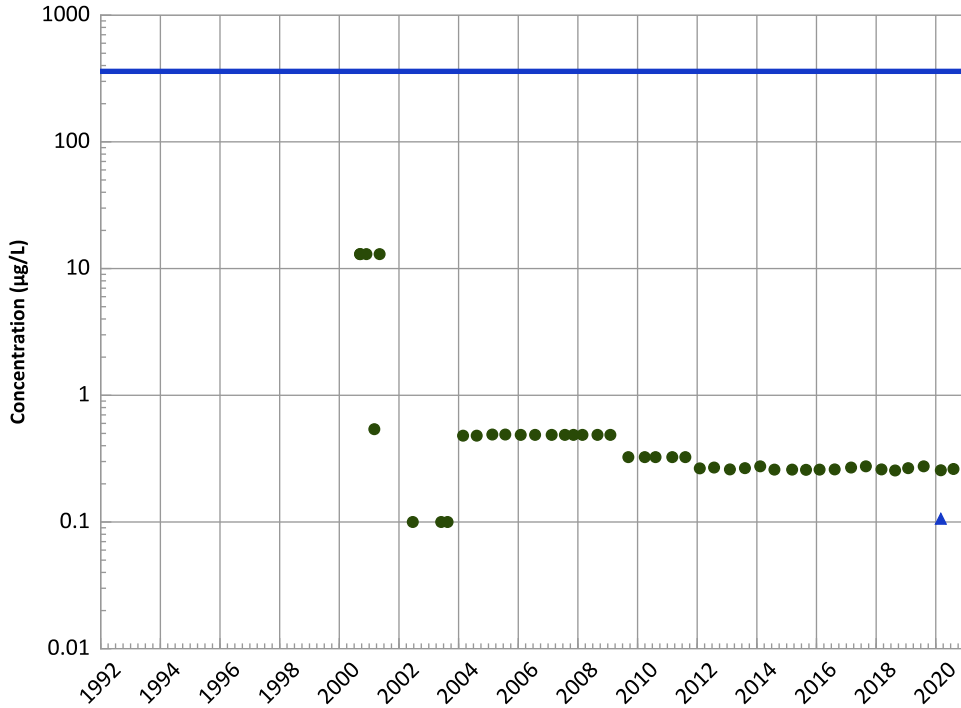
2018 - 2020 Data:

Decreasing

All Data:

Stable

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

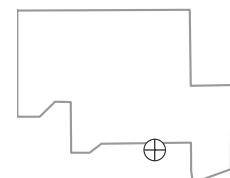
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

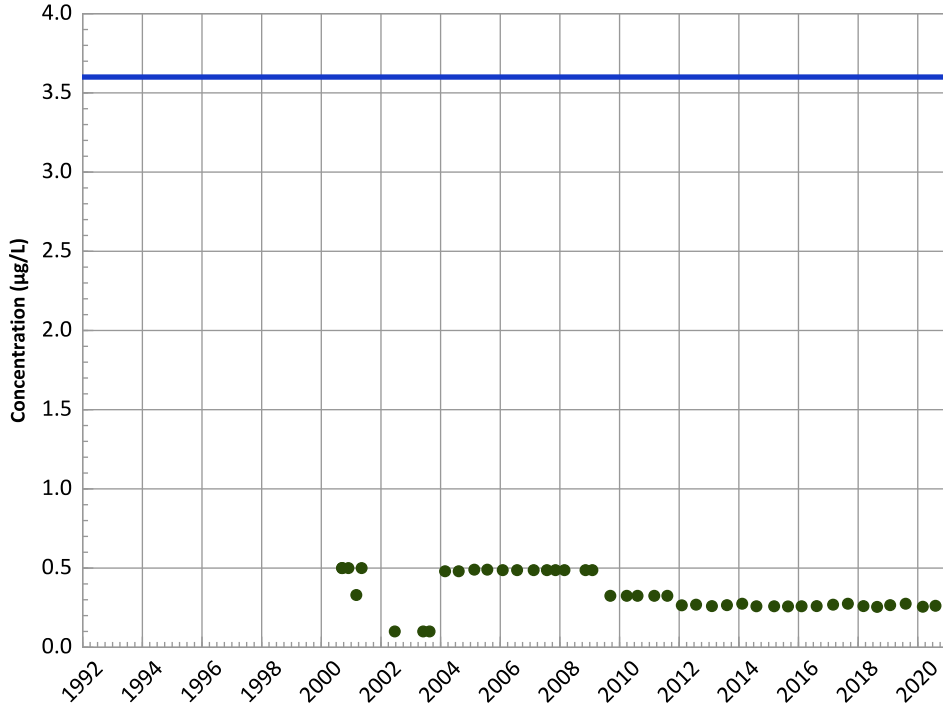


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

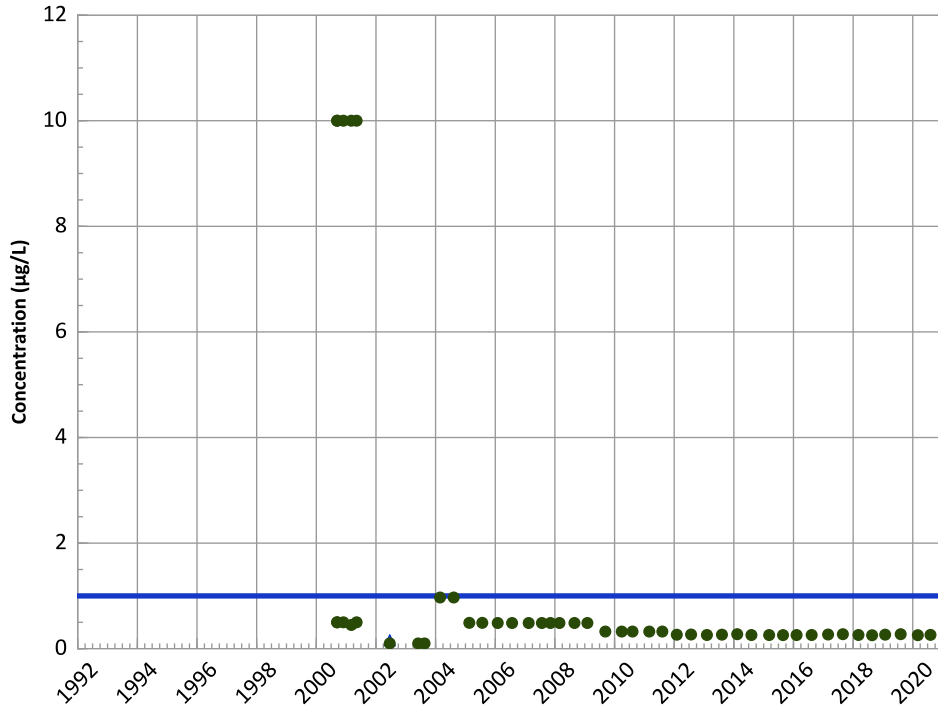
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

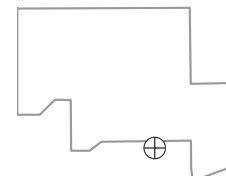
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

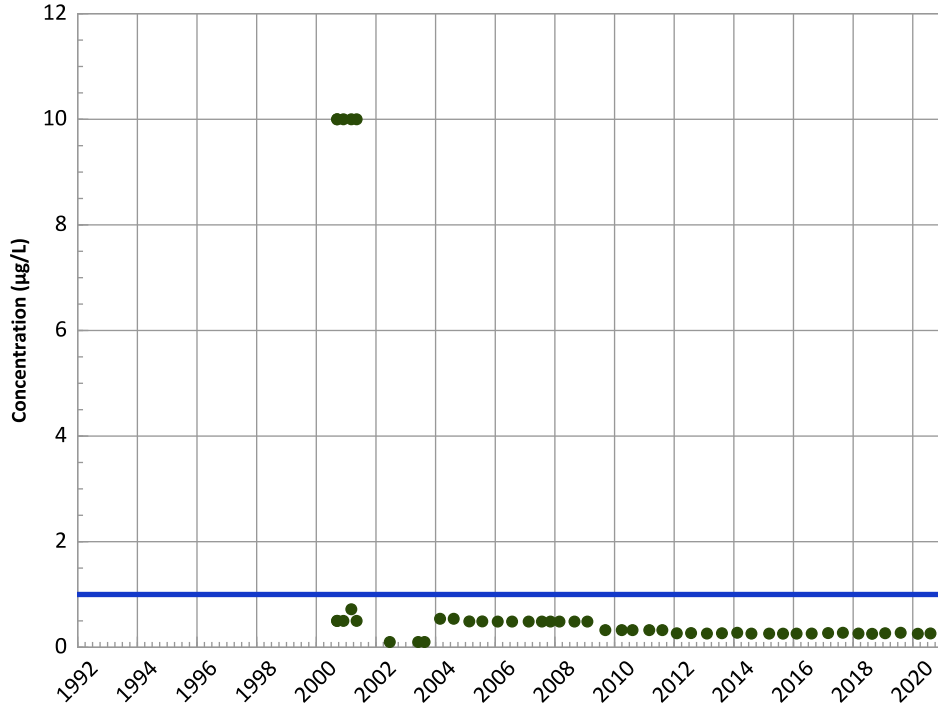
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

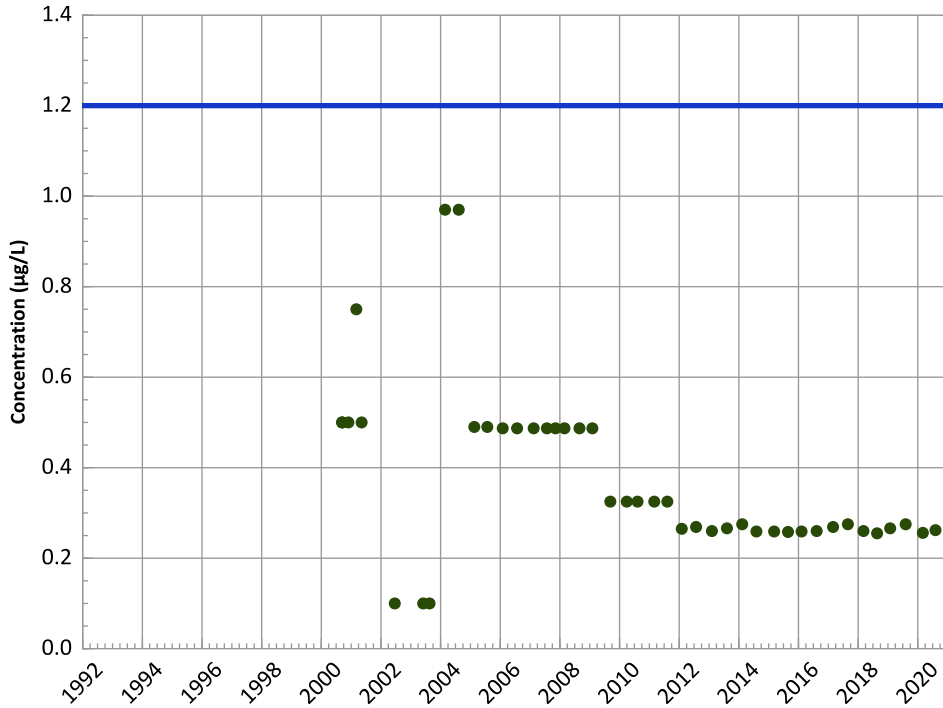
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

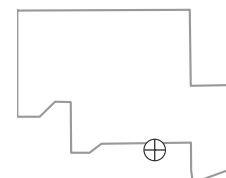
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

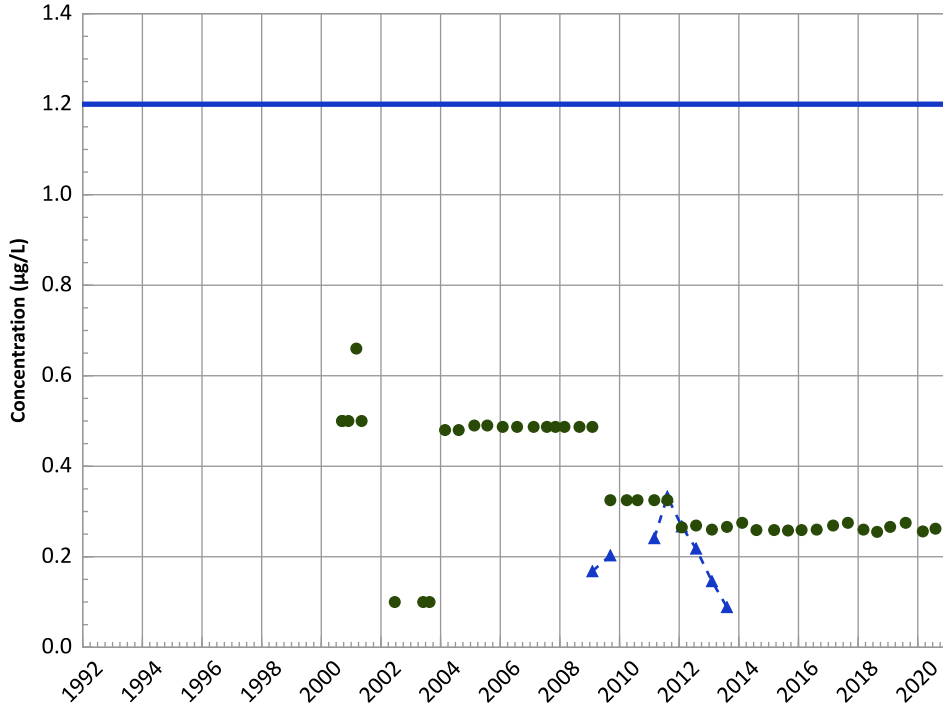


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

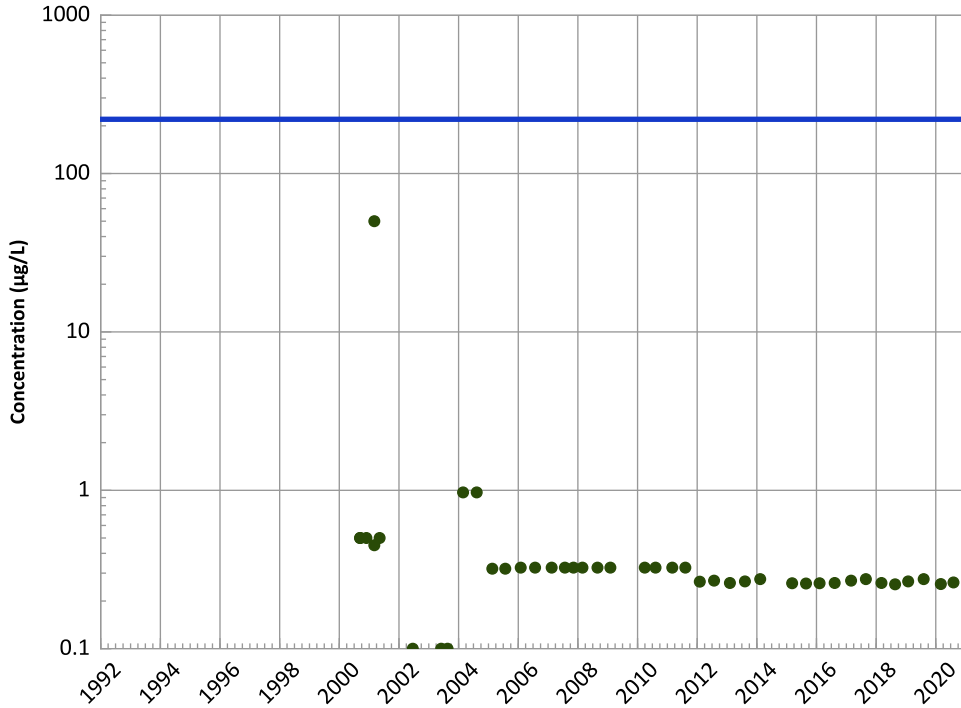
2018 - 2020 Data:

Decreasing

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

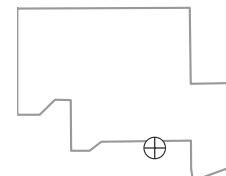
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

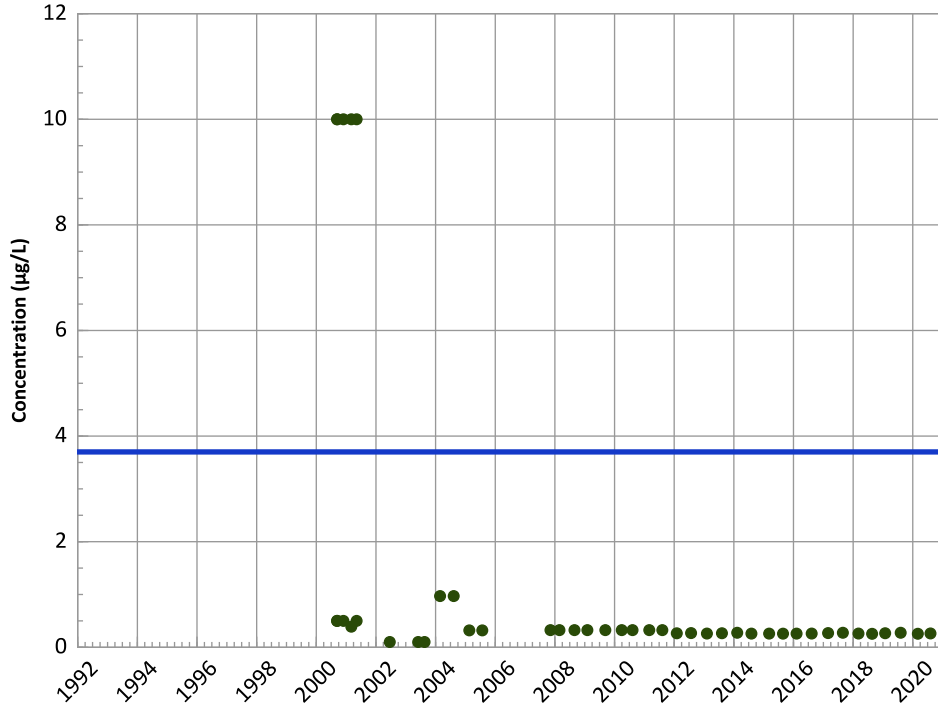
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

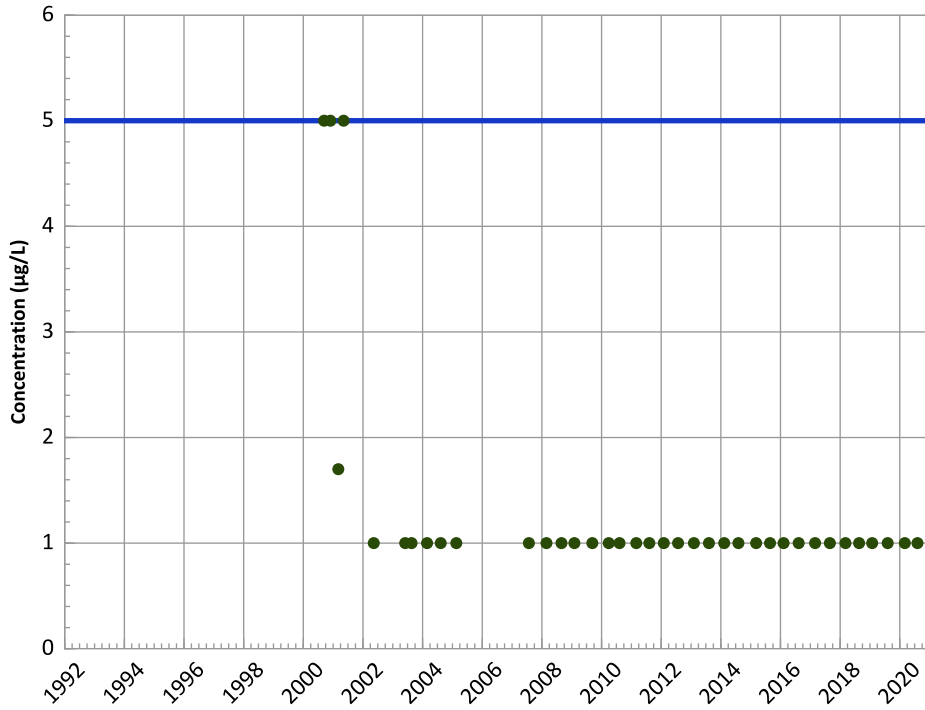
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

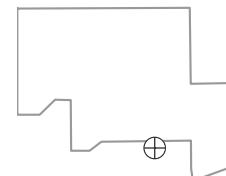
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

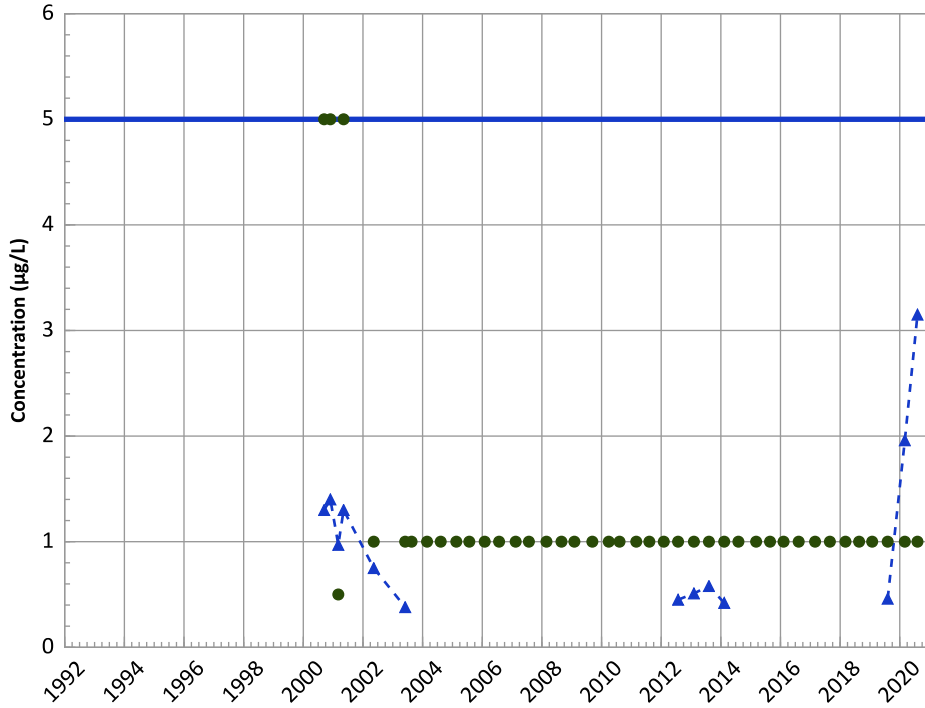
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

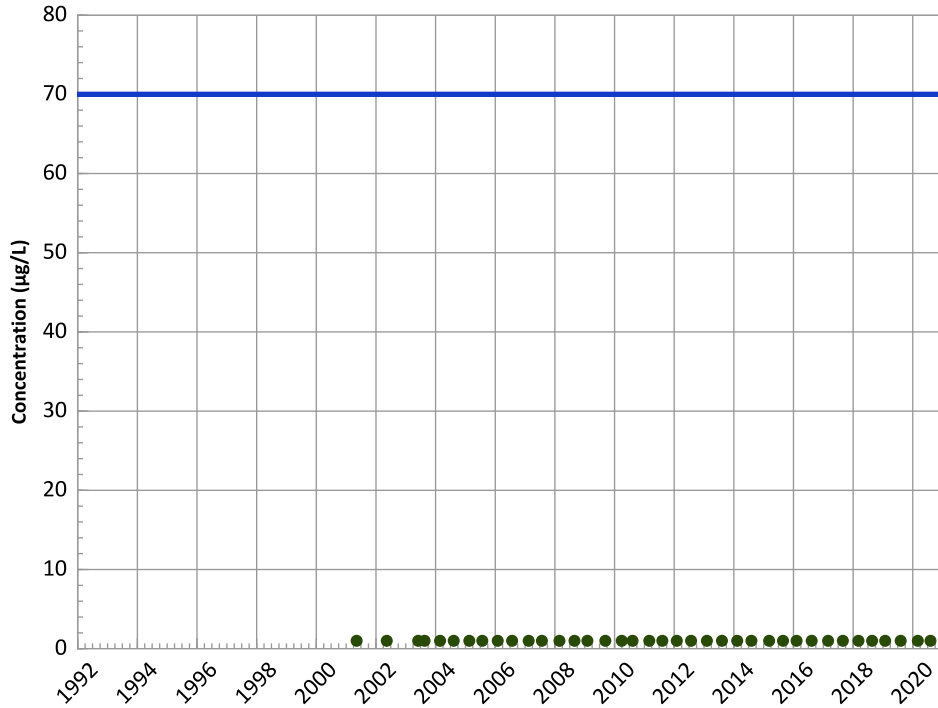


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Stable

cis-1,2-Dichloroethene Trend

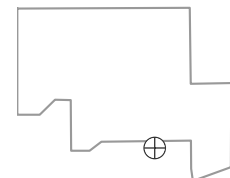


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

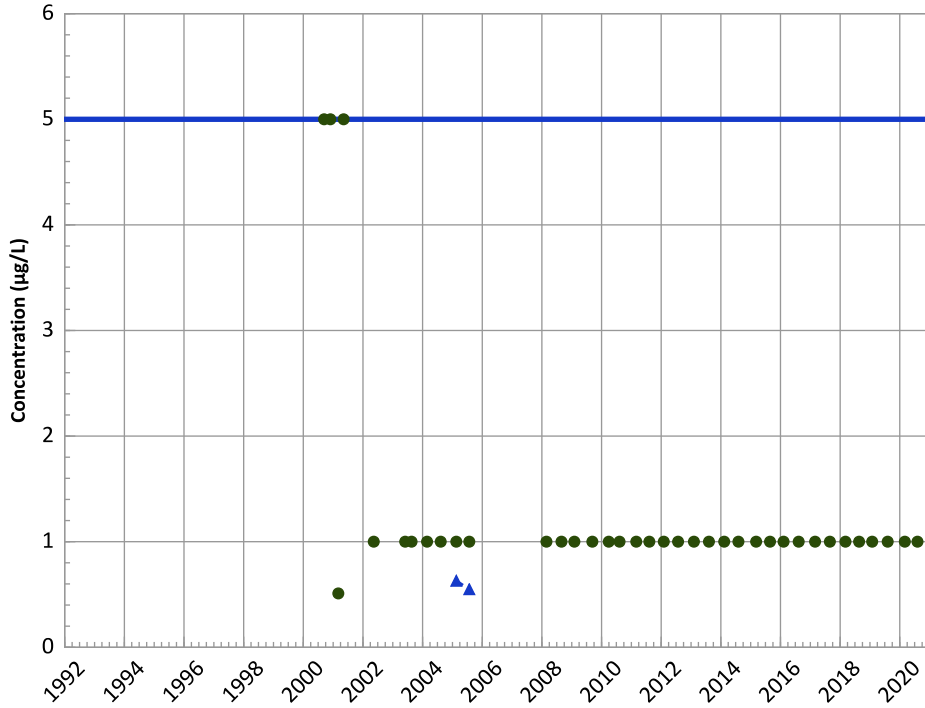
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

**PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

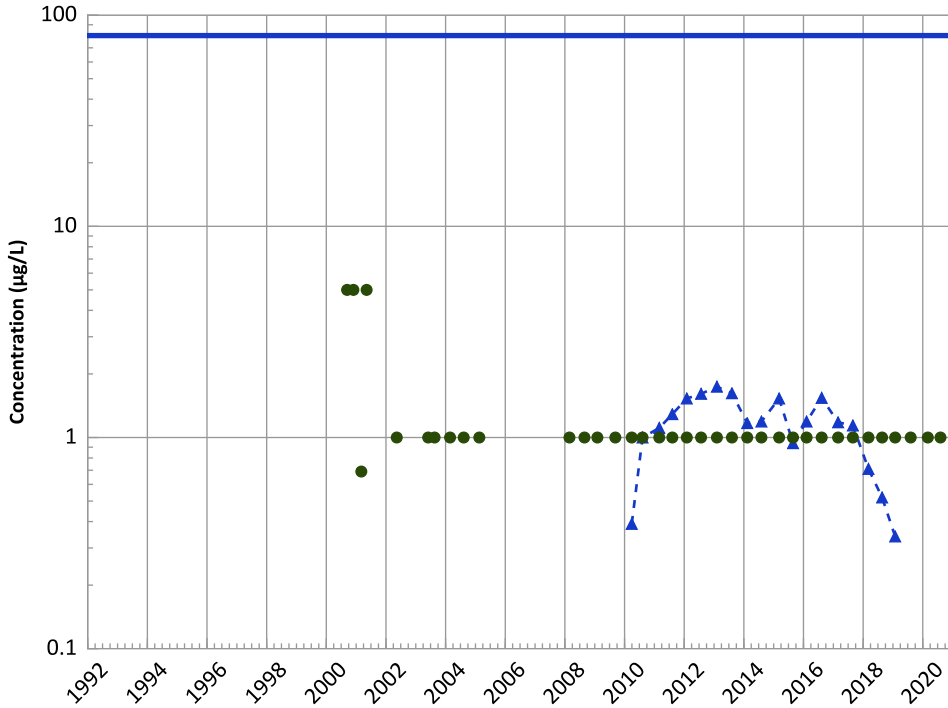


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

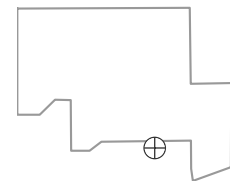


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Stable

Well Location

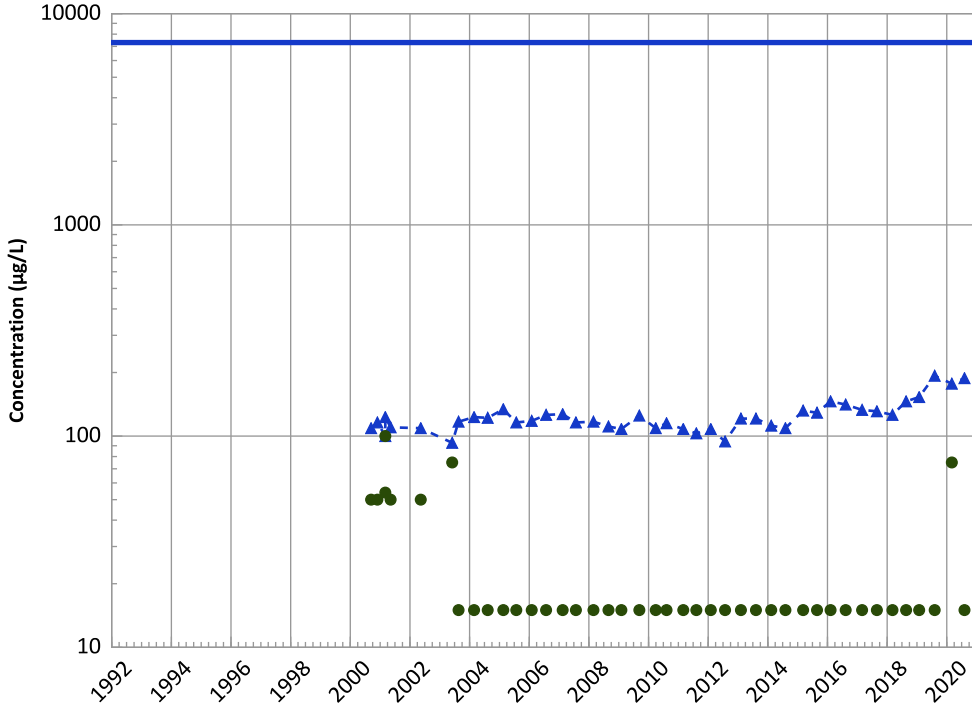


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

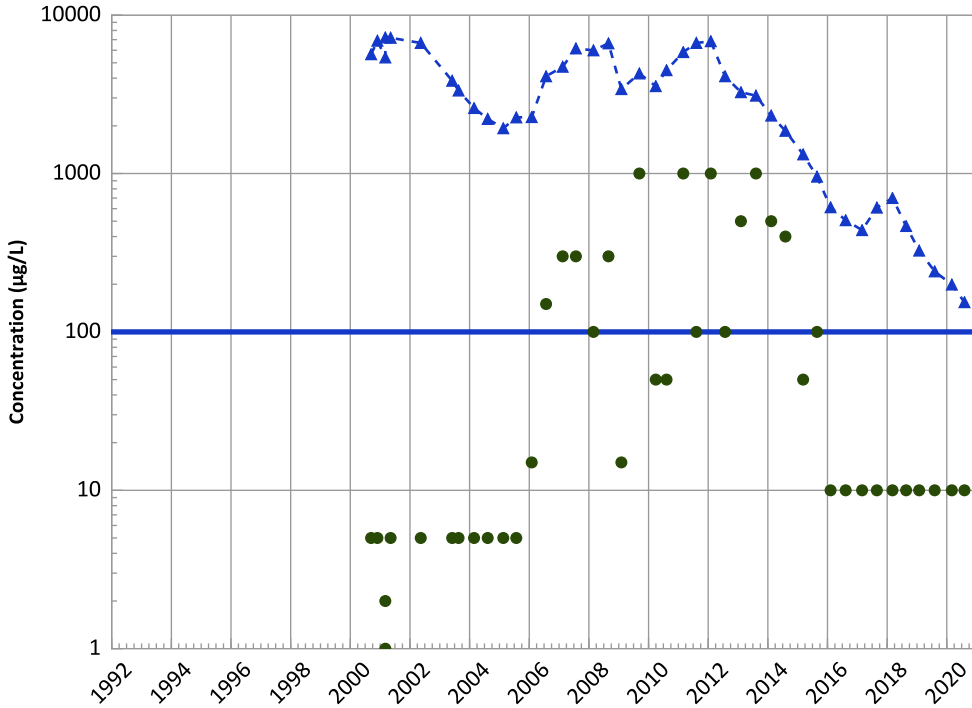
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

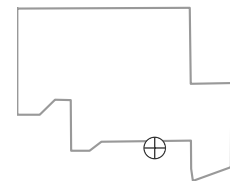
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Well Location

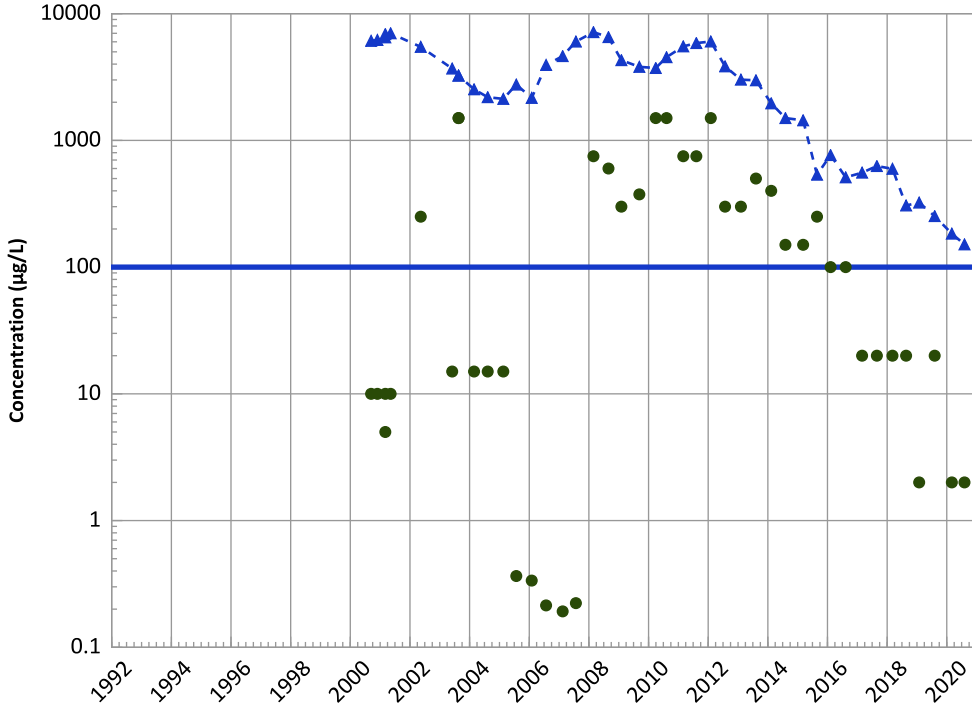


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

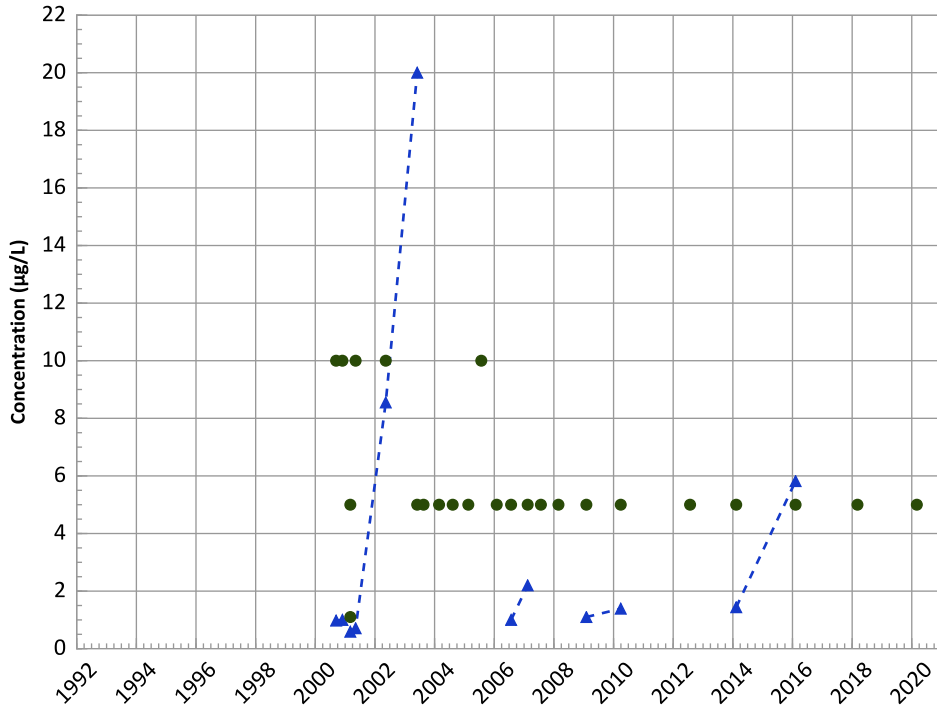
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

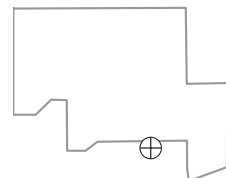
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

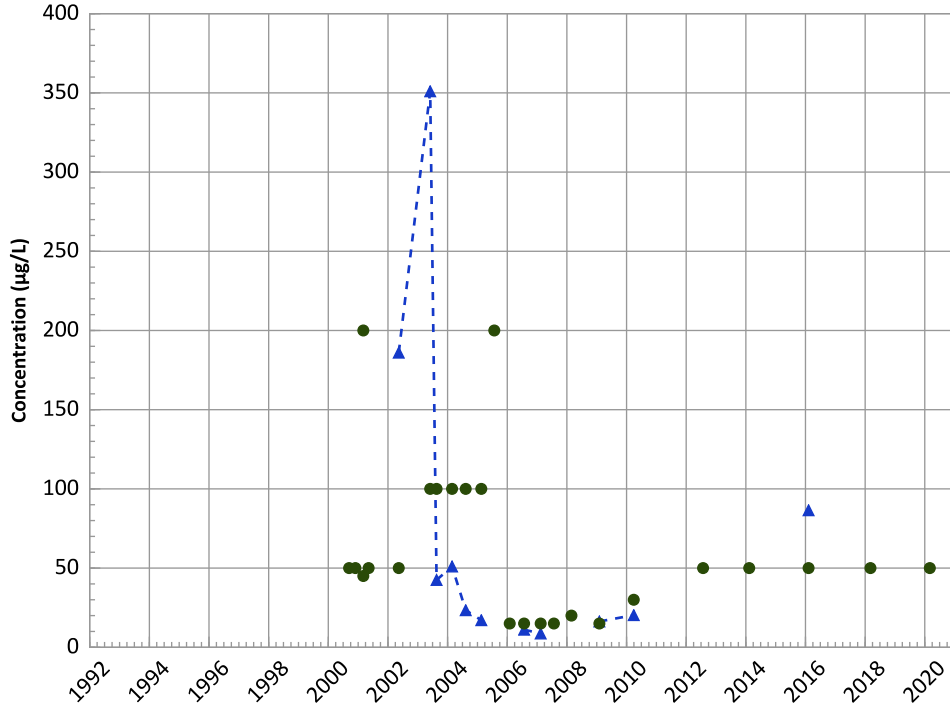
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

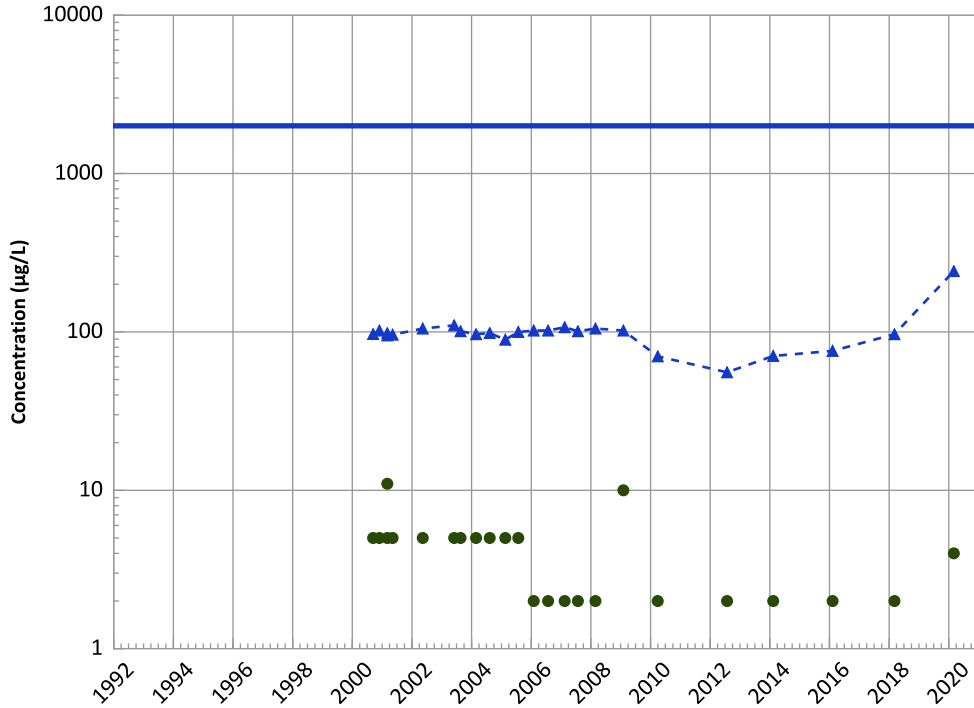


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
No Trend

Barium Trend



Concentration Trend

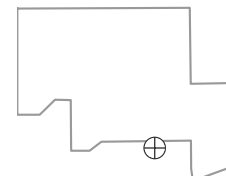
MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

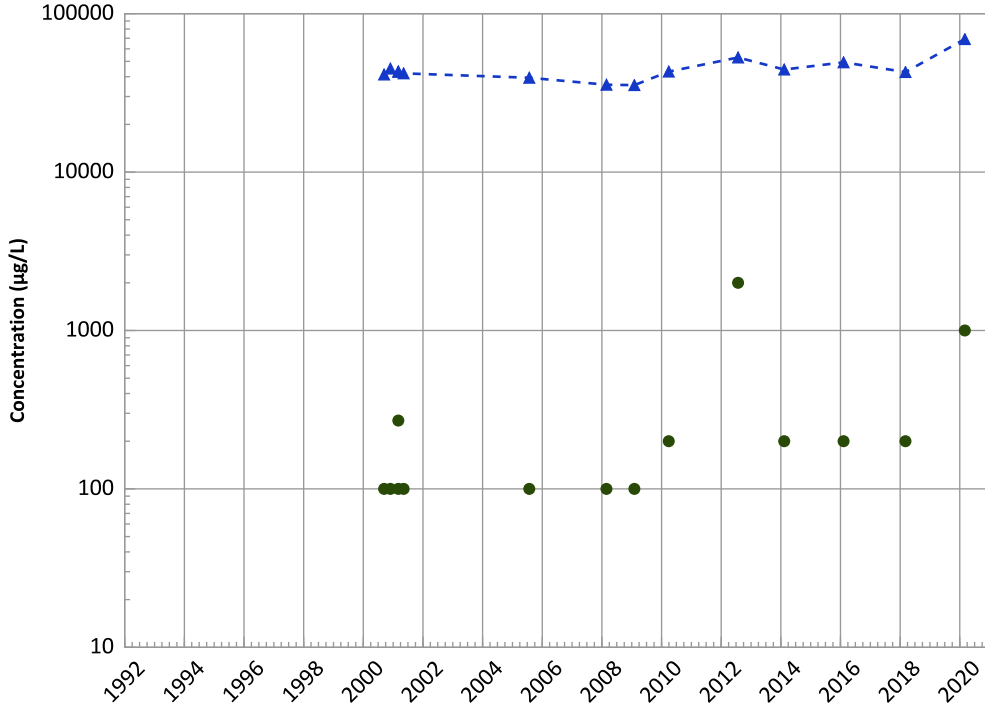
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

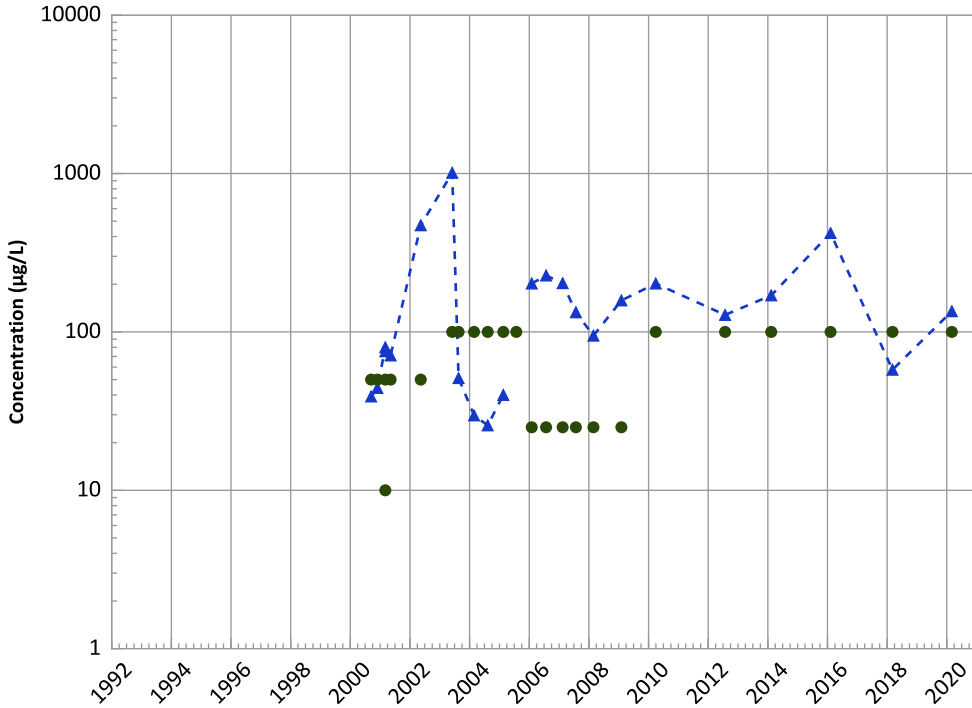
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Probably Increasing

MAROS Linear Regression Method

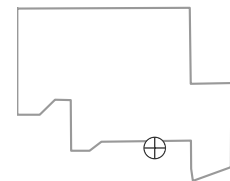
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

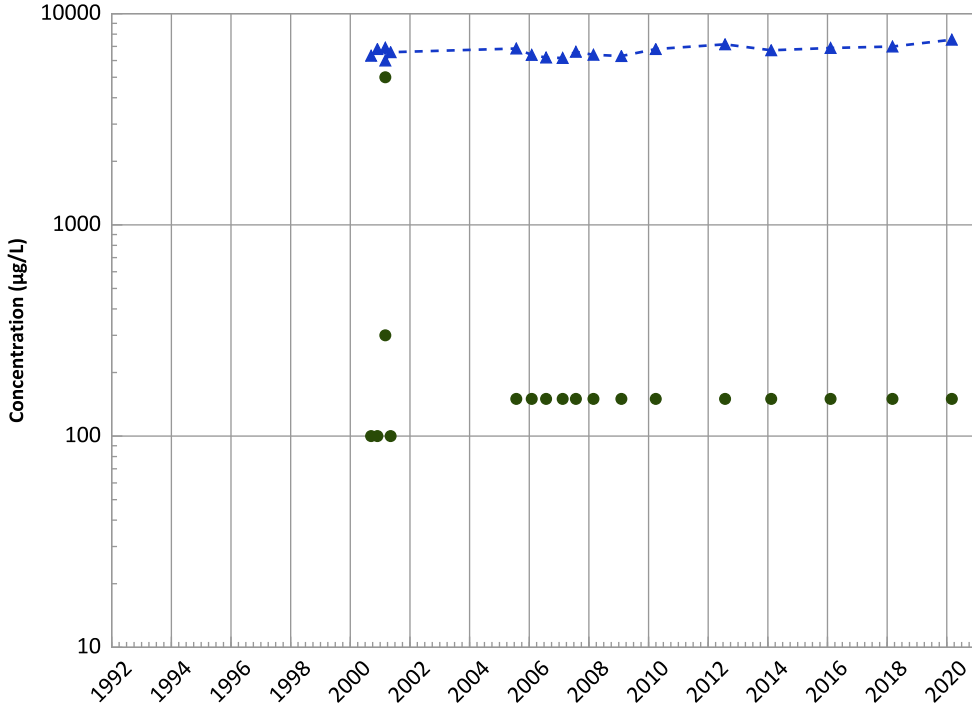


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

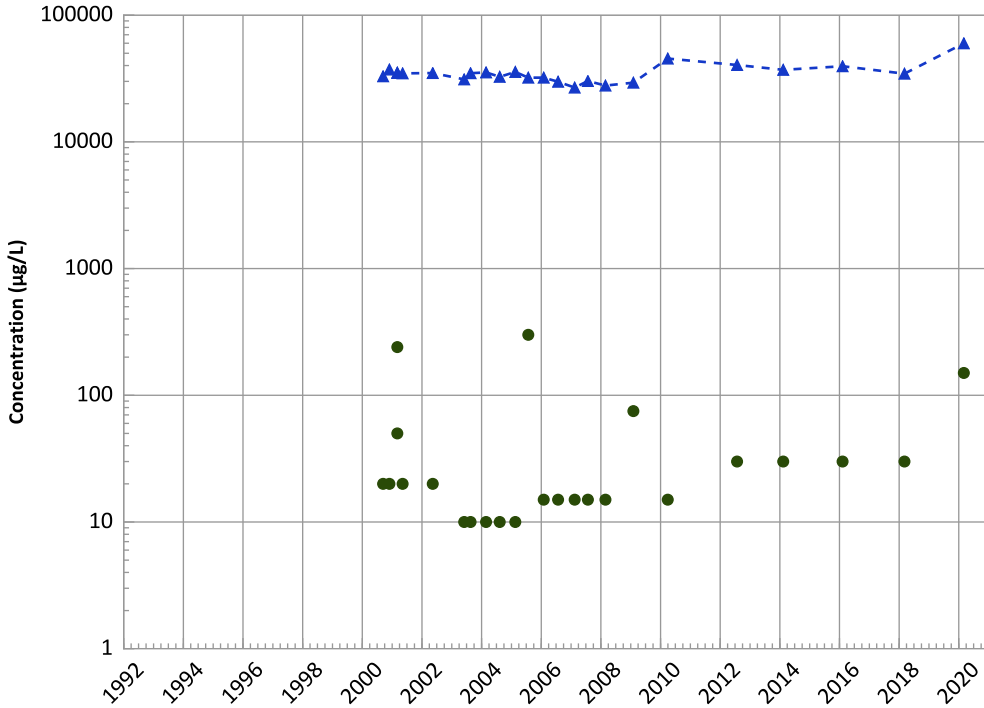
2018 - 2020 Data:

No Trend

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

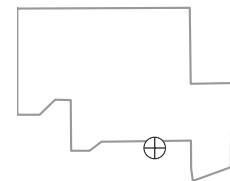
2018 - 2020 Data:

No Trend

All Data:

Increasing

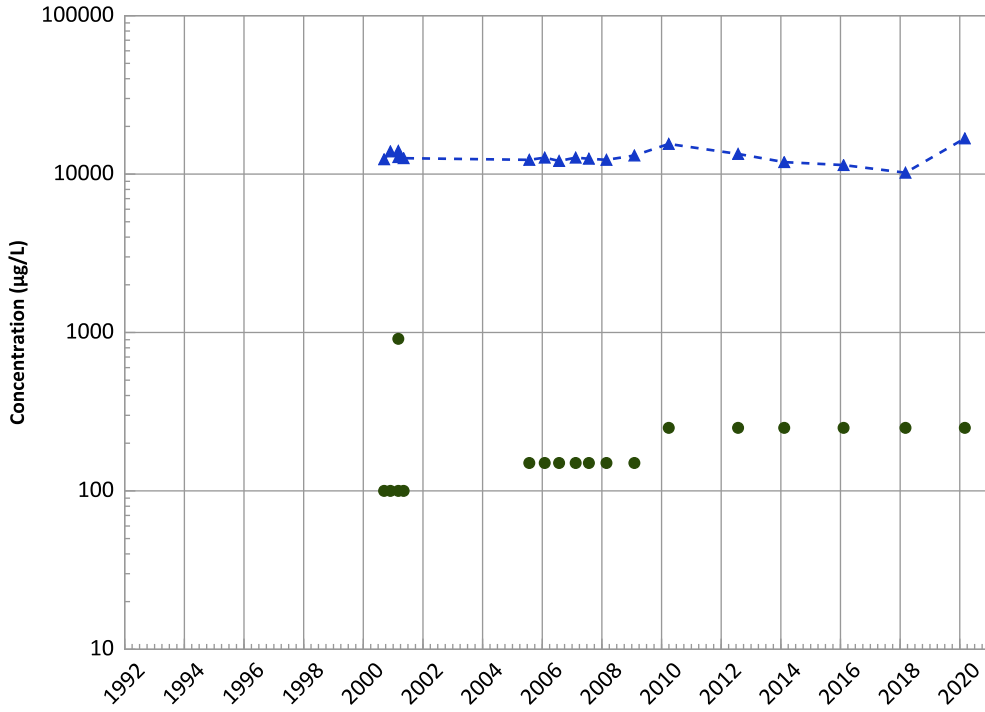
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 08/05/2020
Analysis Date: 06/03/2021

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

PTX06-1052 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

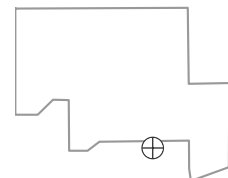
All Data:

Decreasing

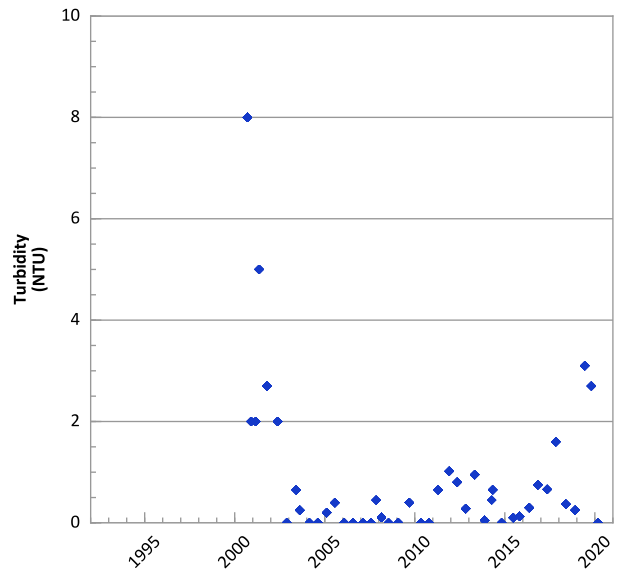
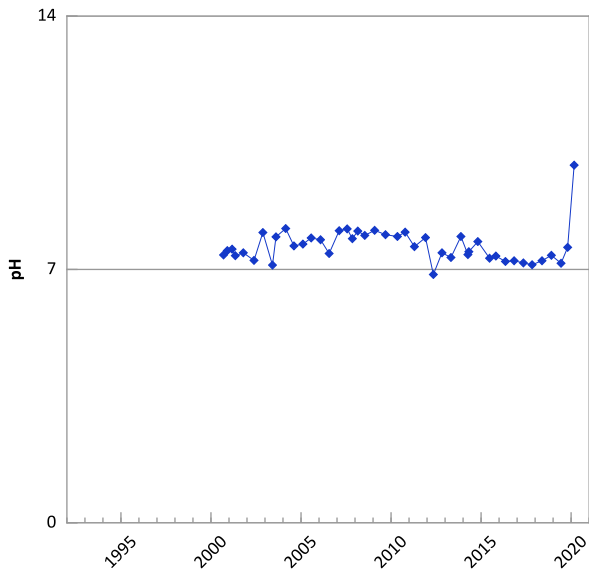
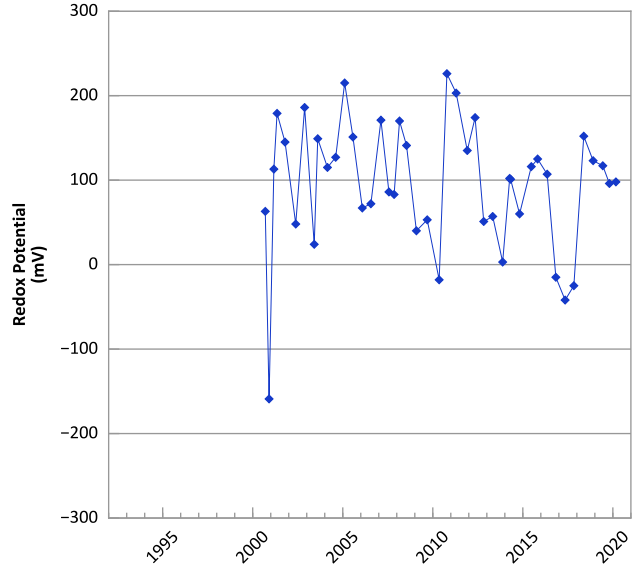
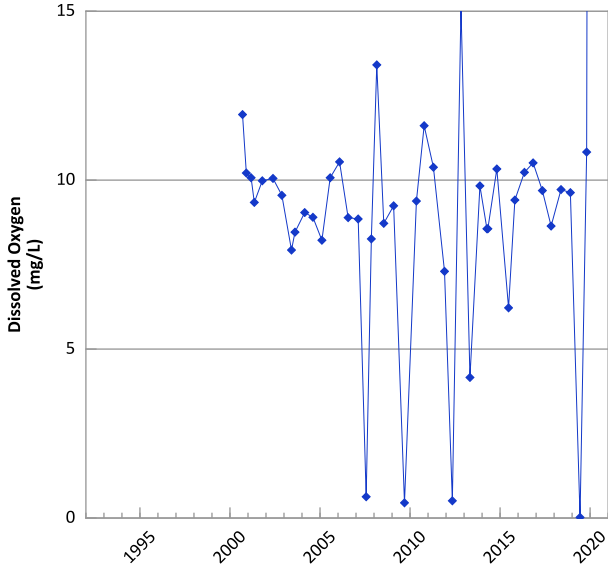
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/12/2000 to 08/05/2020
 Analysis Date: 06/03/2021

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

Well Location

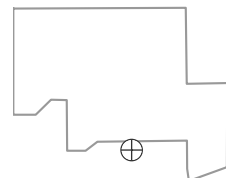


**PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



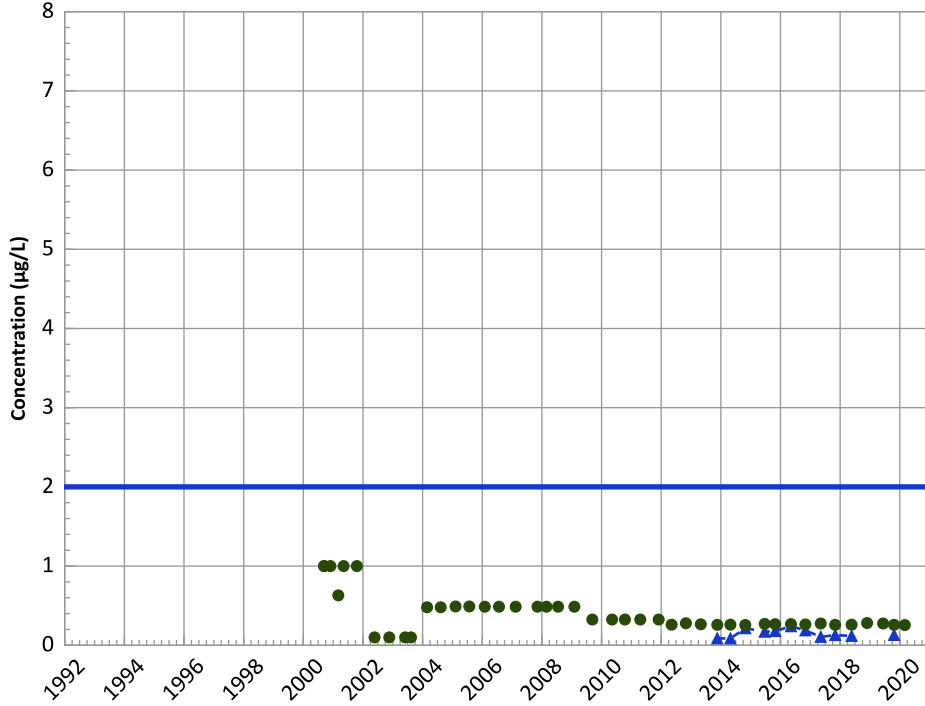
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

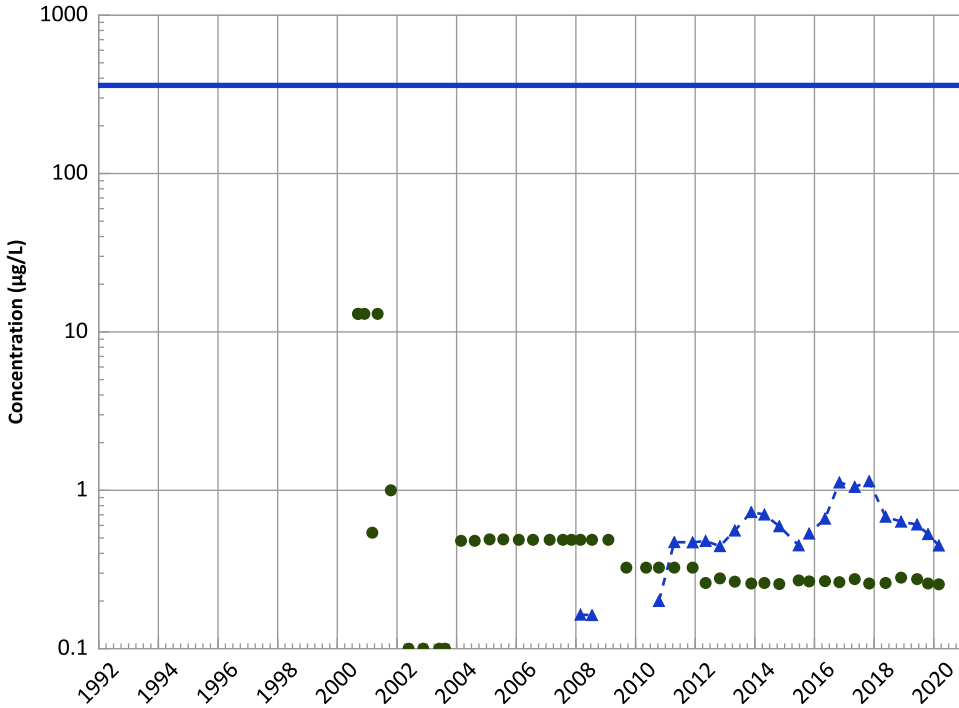


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

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



Concentration Trend

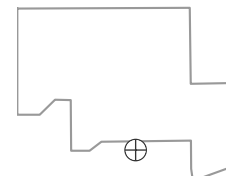
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

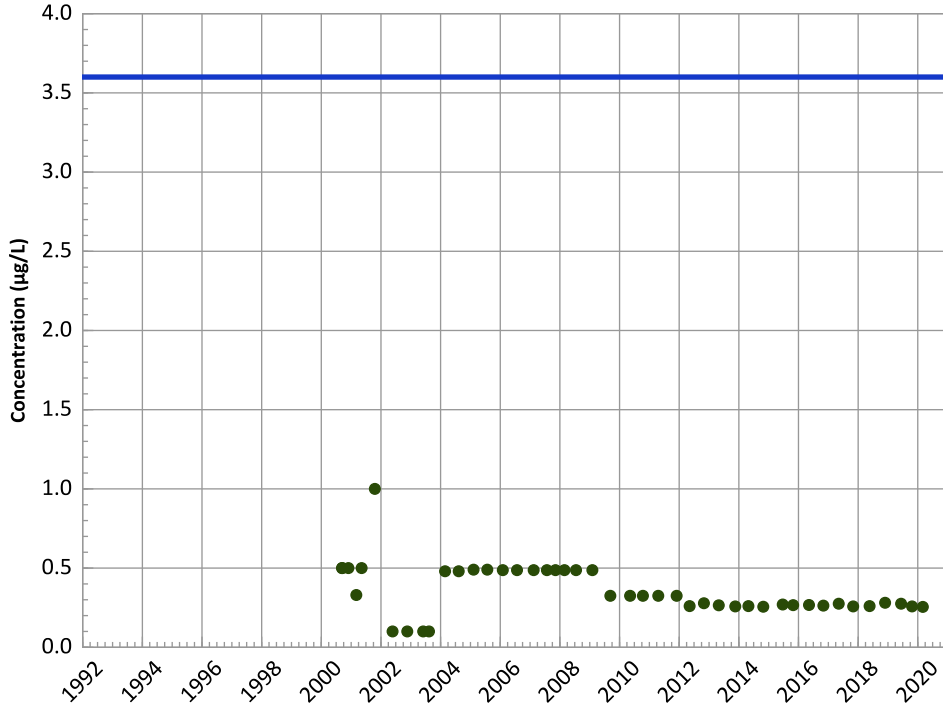
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

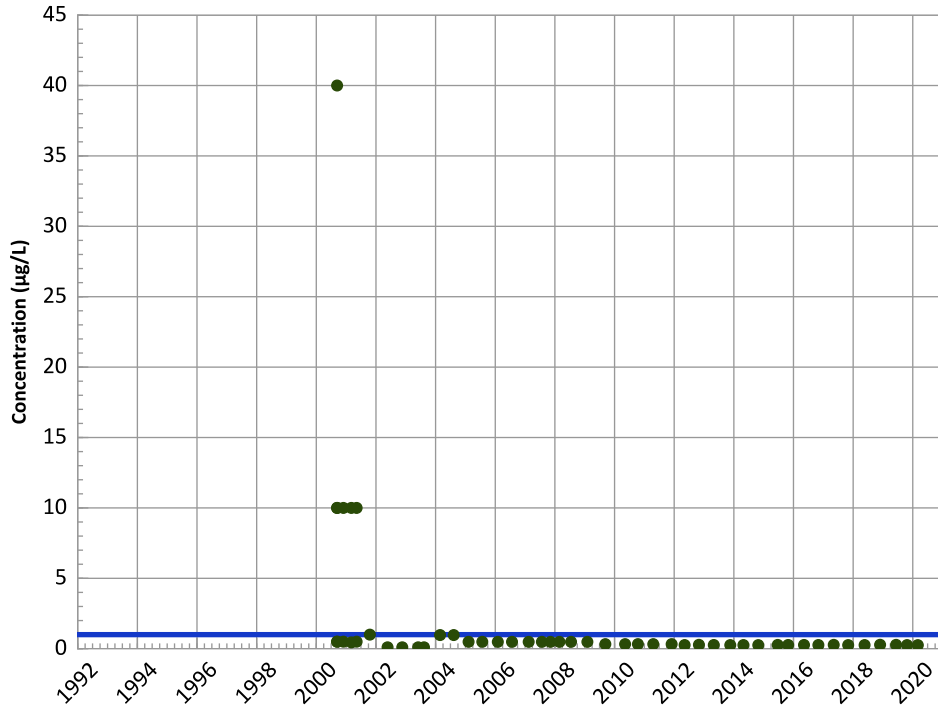
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

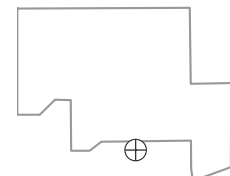
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

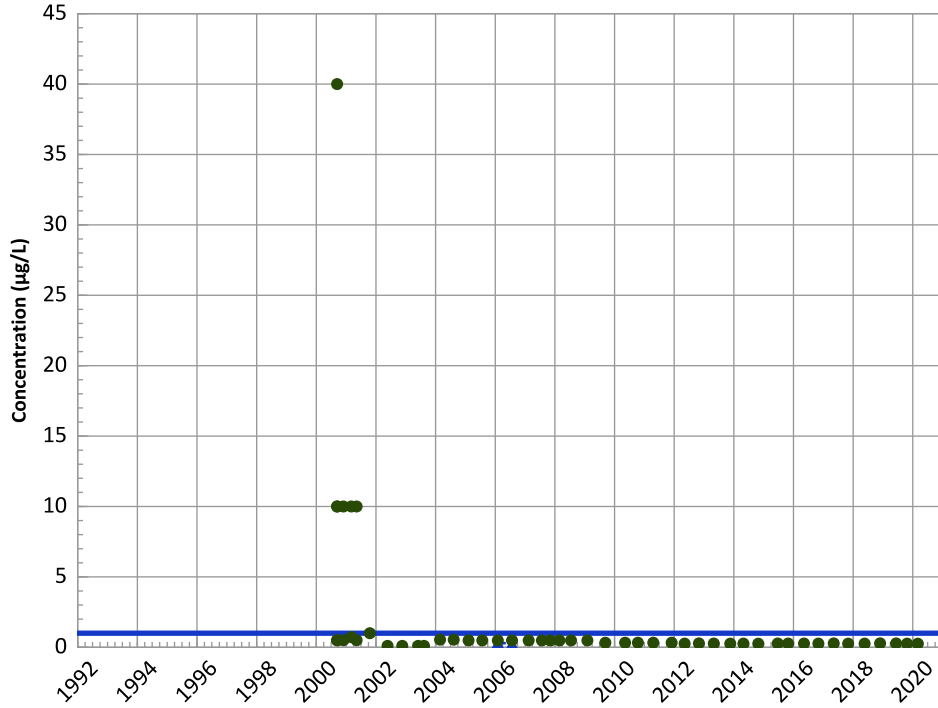
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

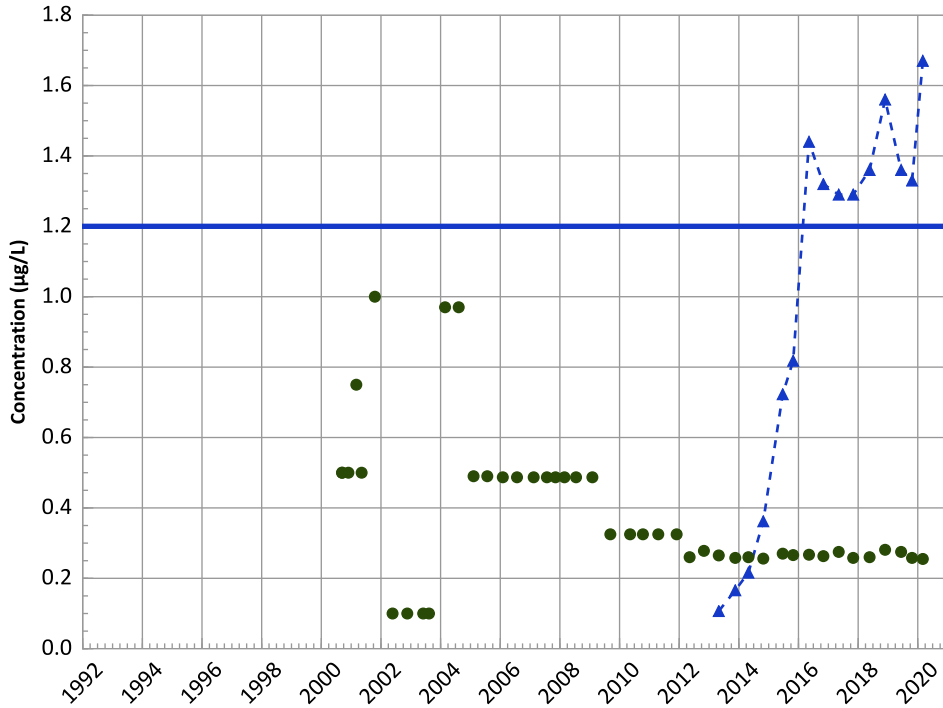
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

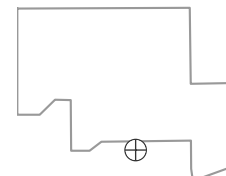
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

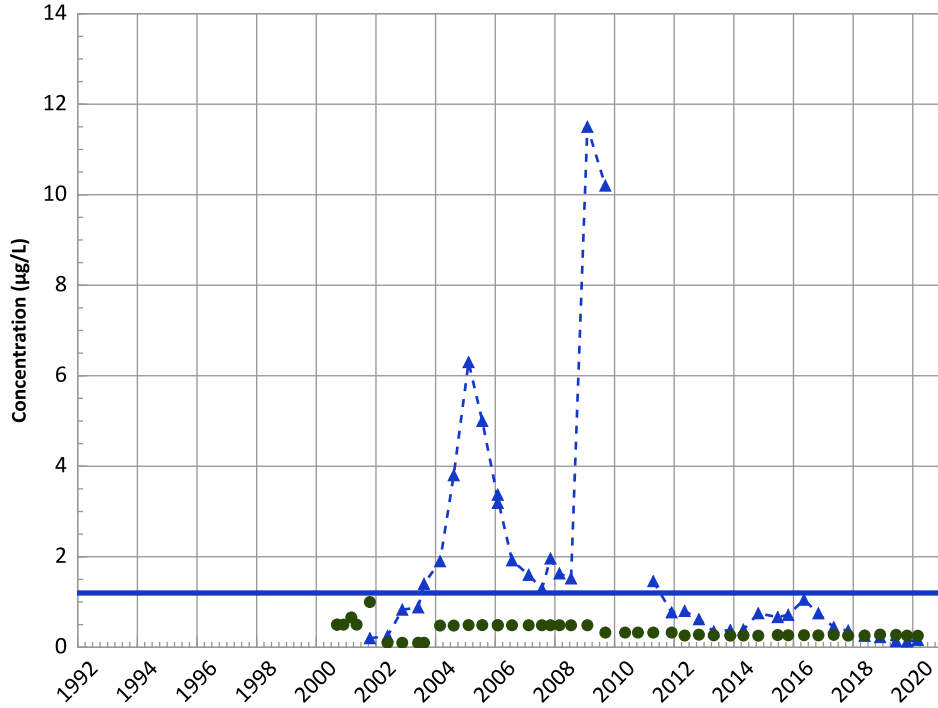
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

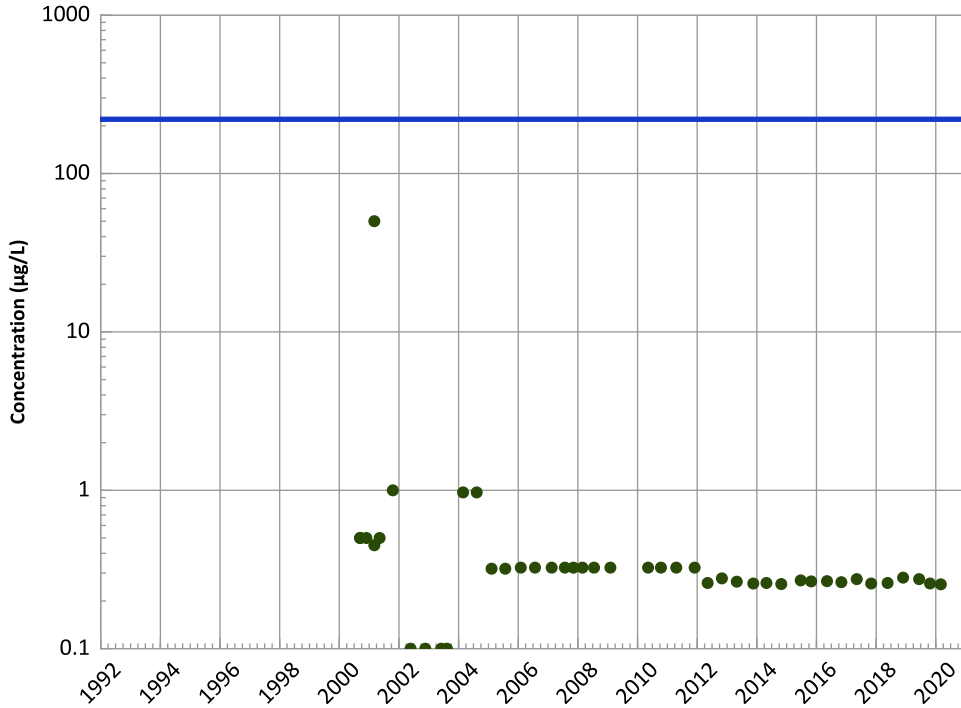
2018 - 2020 Data:

Stable

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

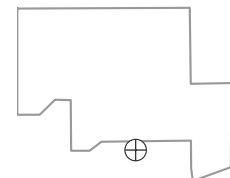
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 09/12/2000 to 03/03/2020

Analysis Date: 06/03/2021

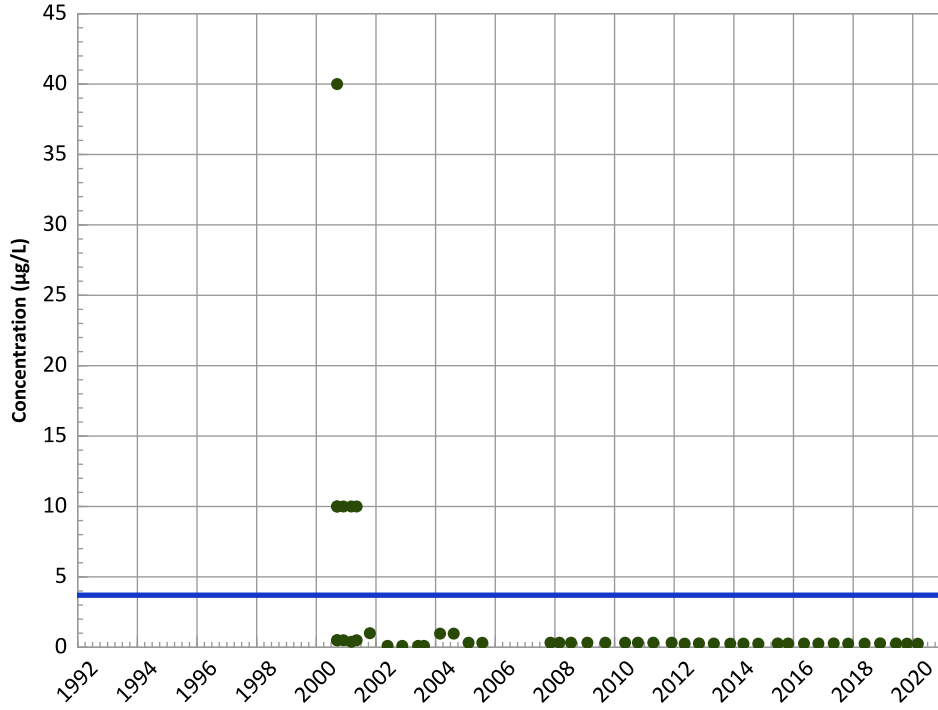
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

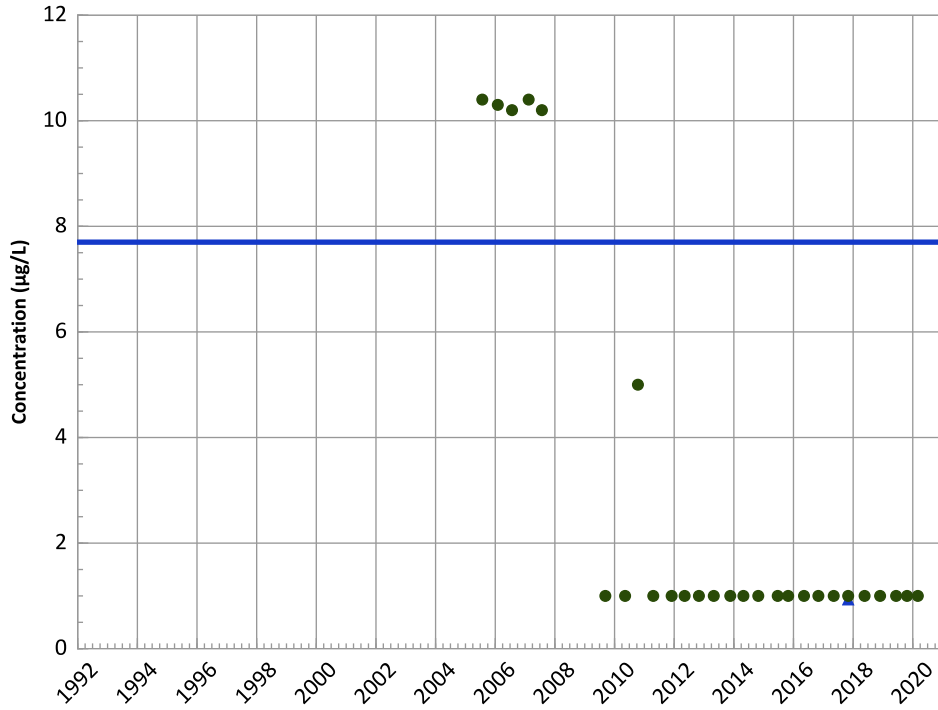
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

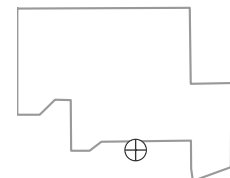
All Data:

N/A (<4 Detections in Dataset)

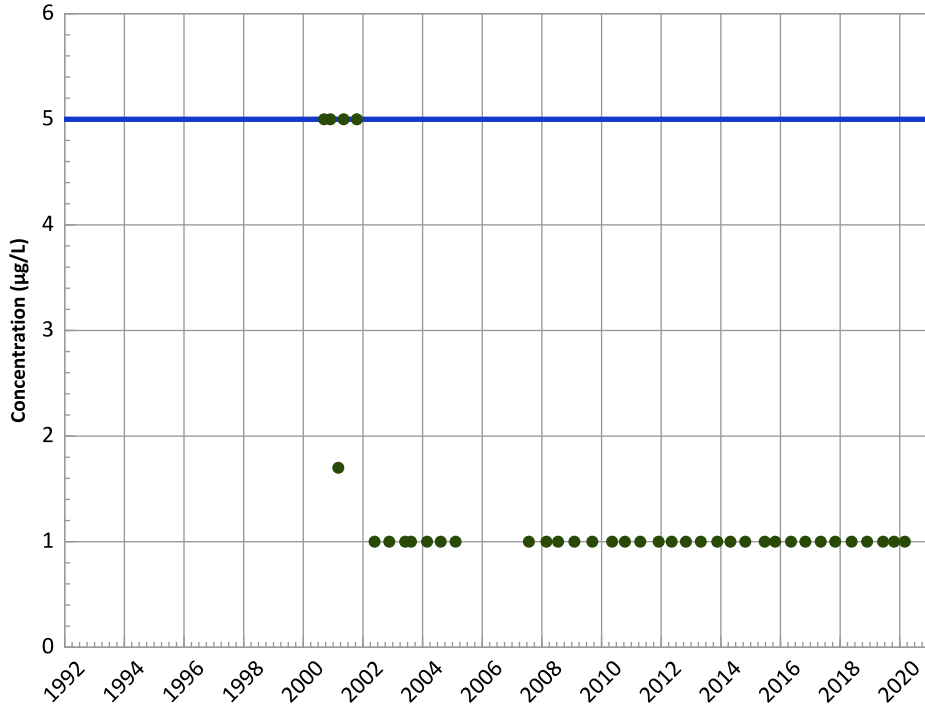
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

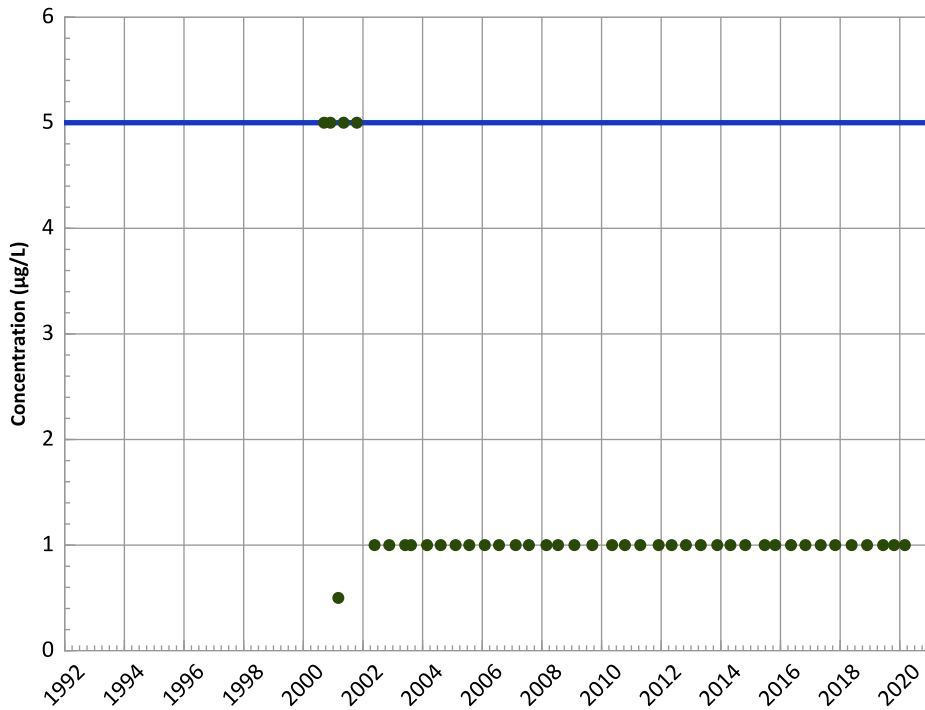
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

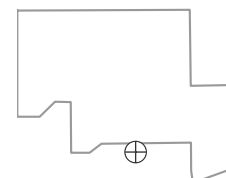
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

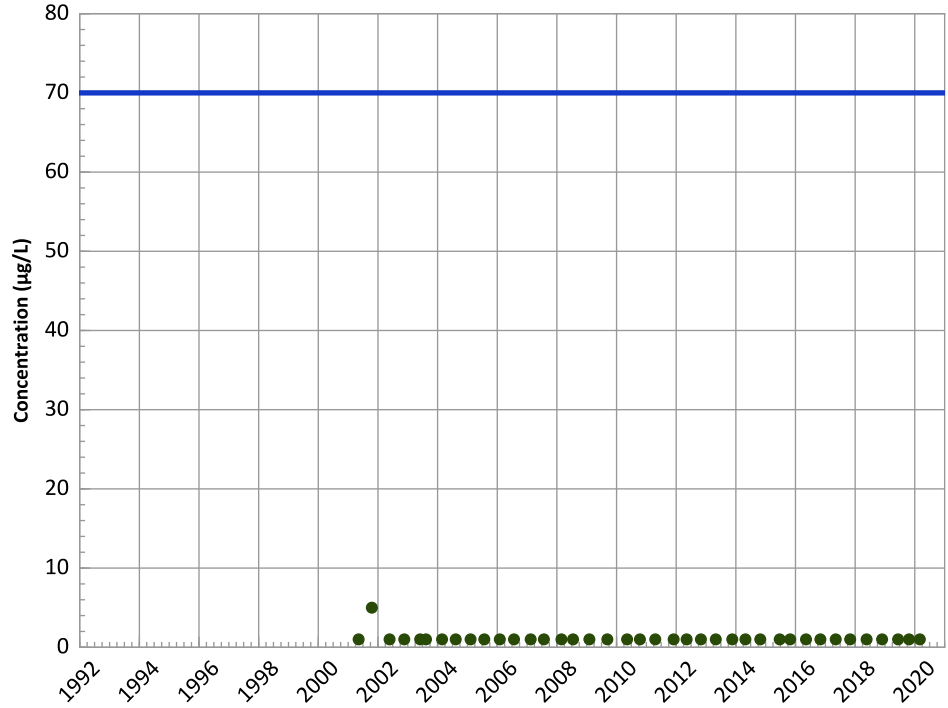
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

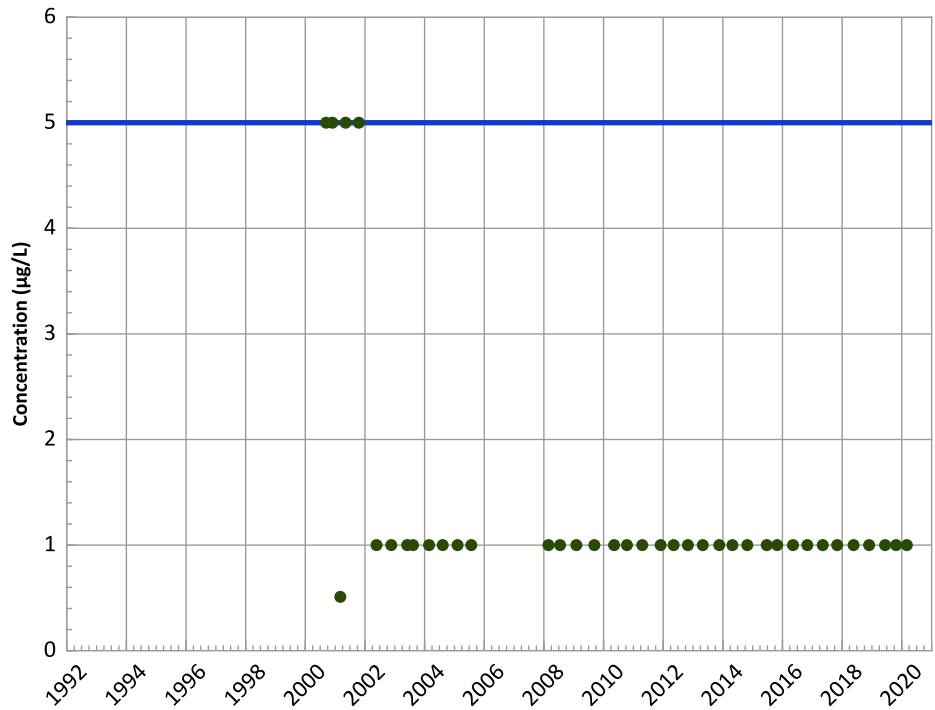
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

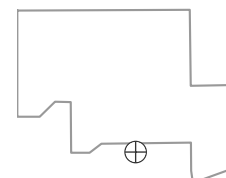
All Data:
All Non-Detect

All Data:
All Non-Detect

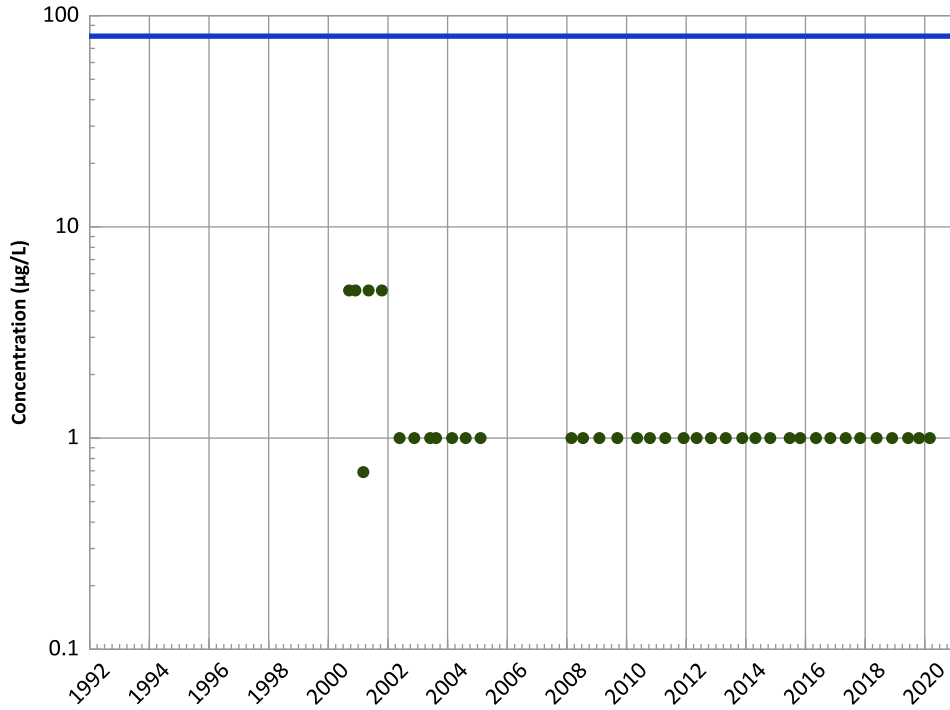
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

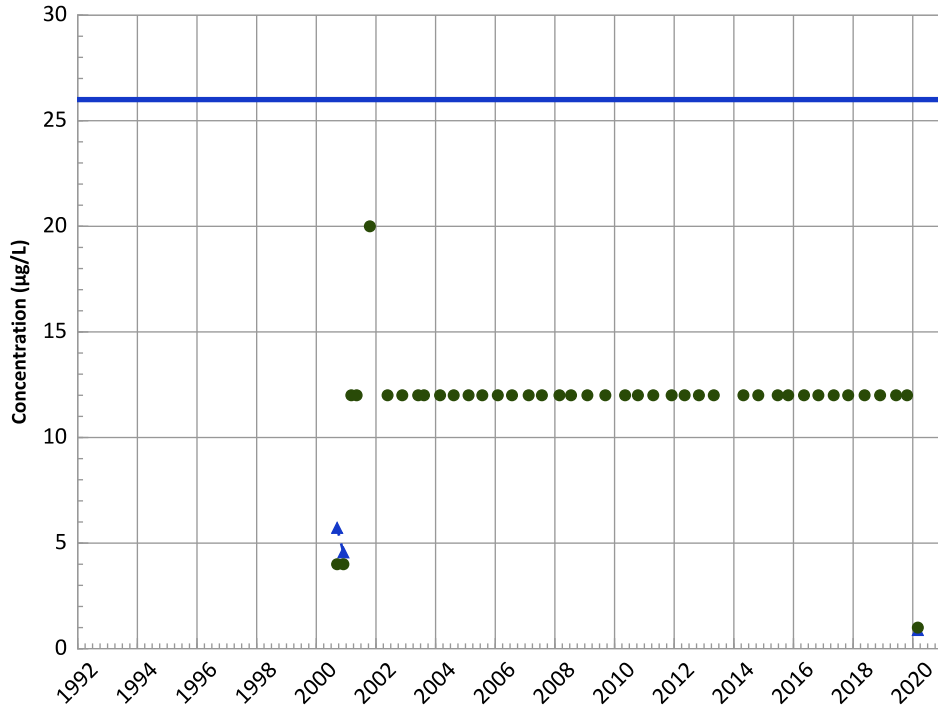
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

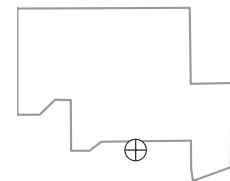
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Well Location

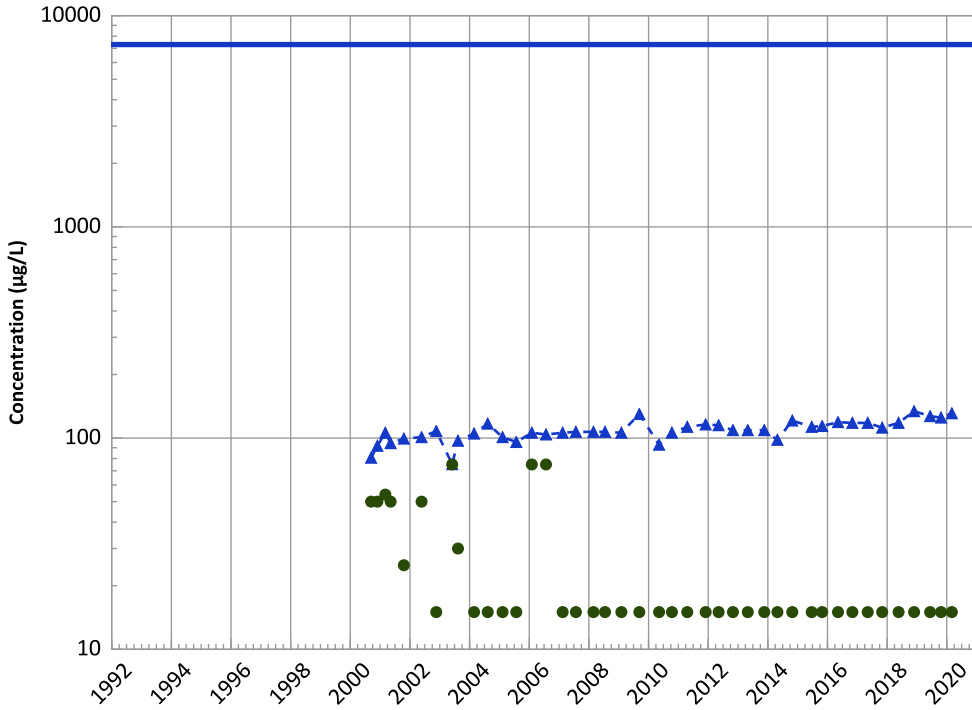


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

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

PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

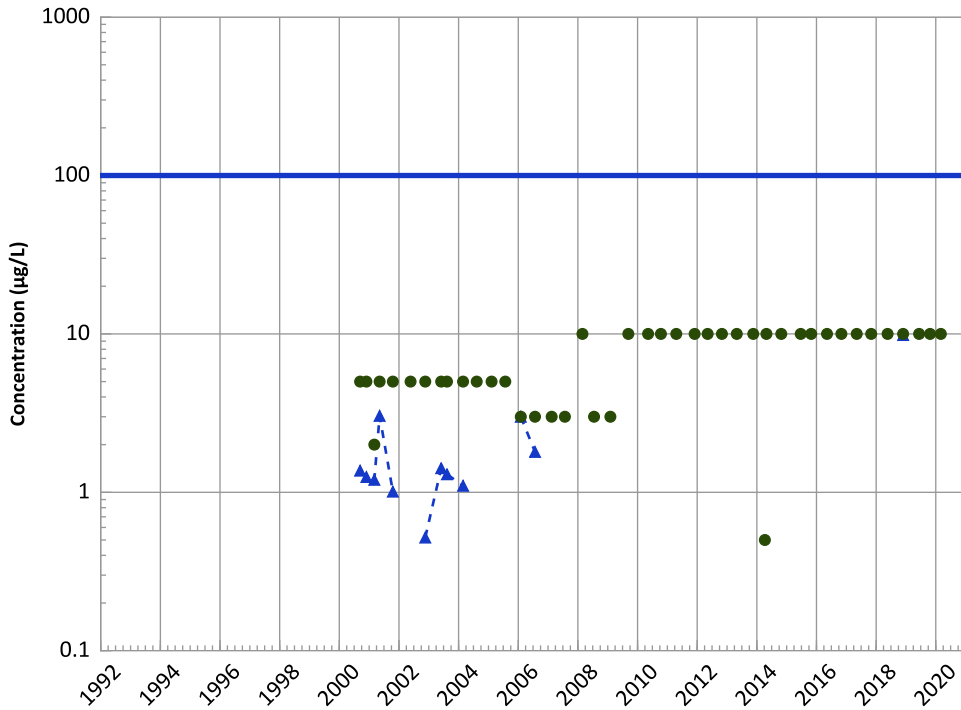
2018 - 2020 Data:

Stable

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

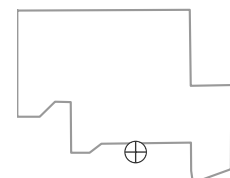
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

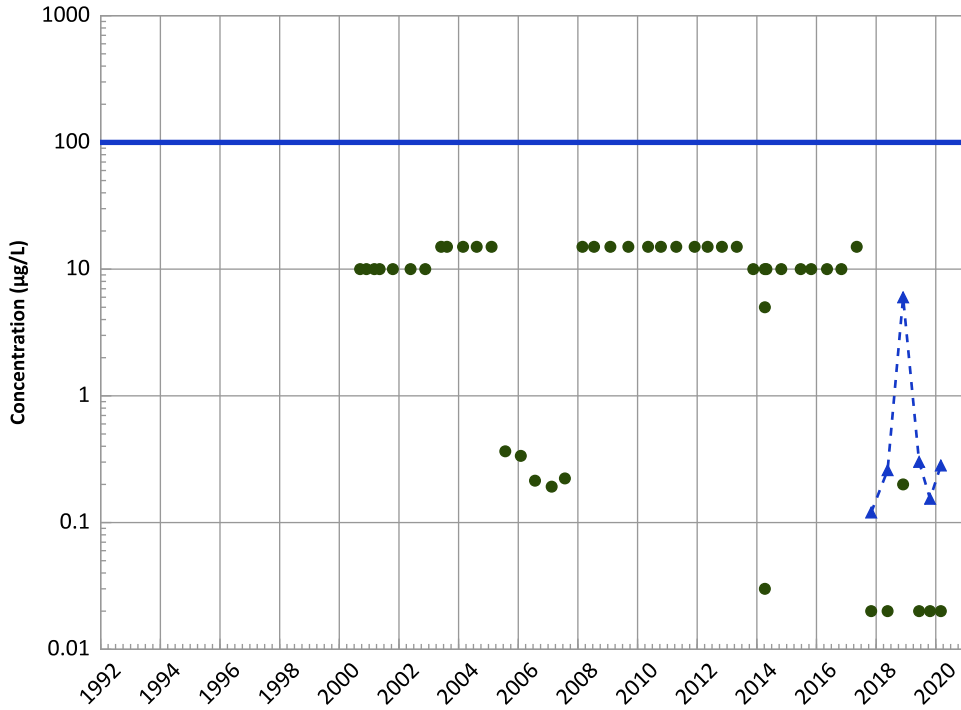


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

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

PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

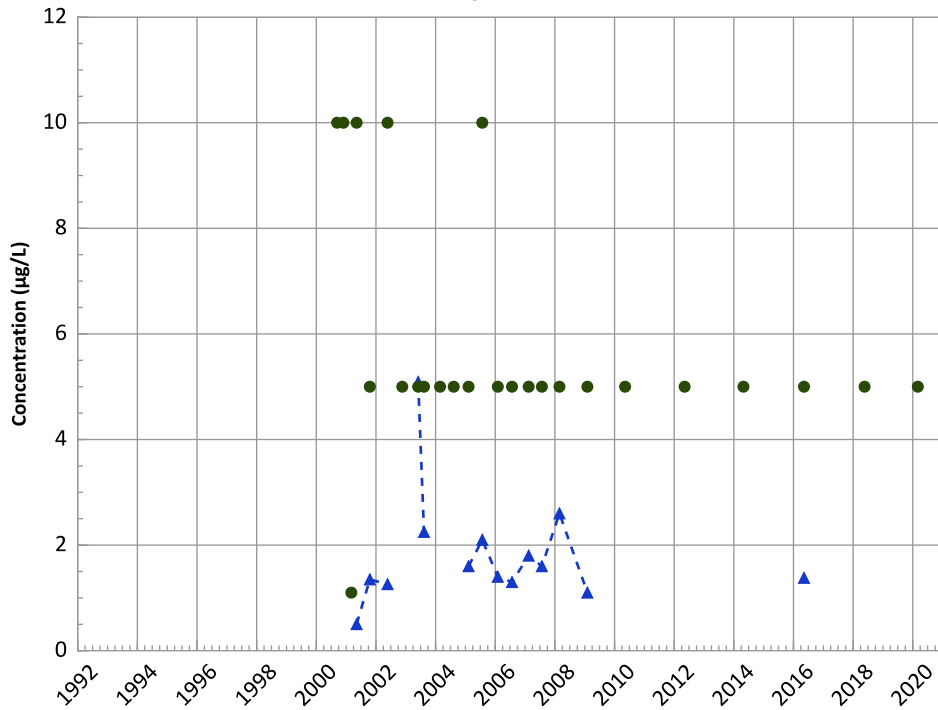
2018 - 2020 Data:

Probably Decreasing

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

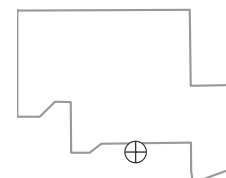
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

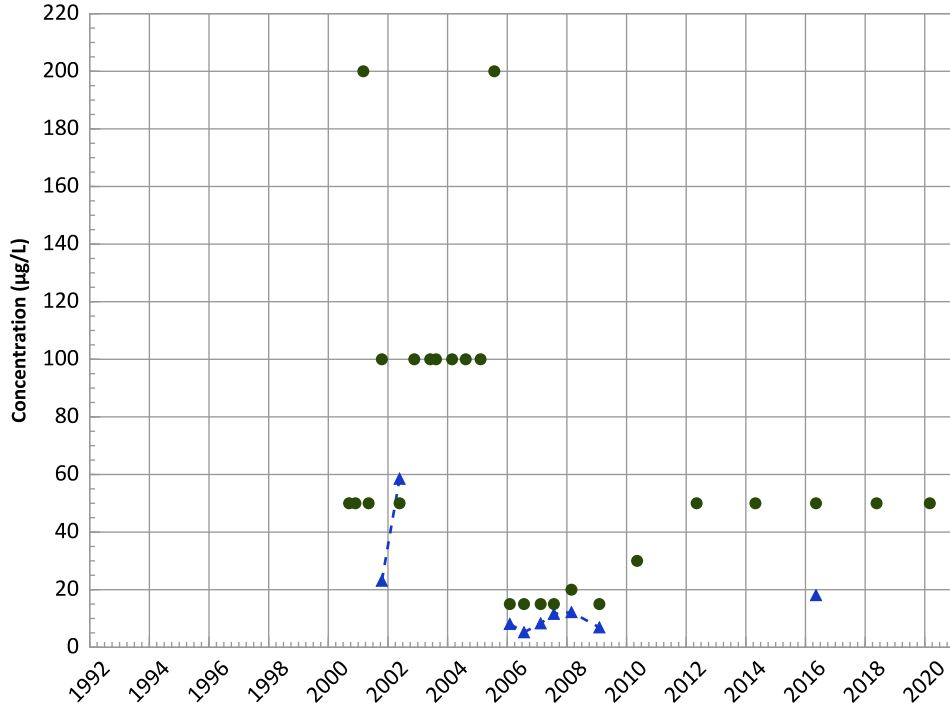


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

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

PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

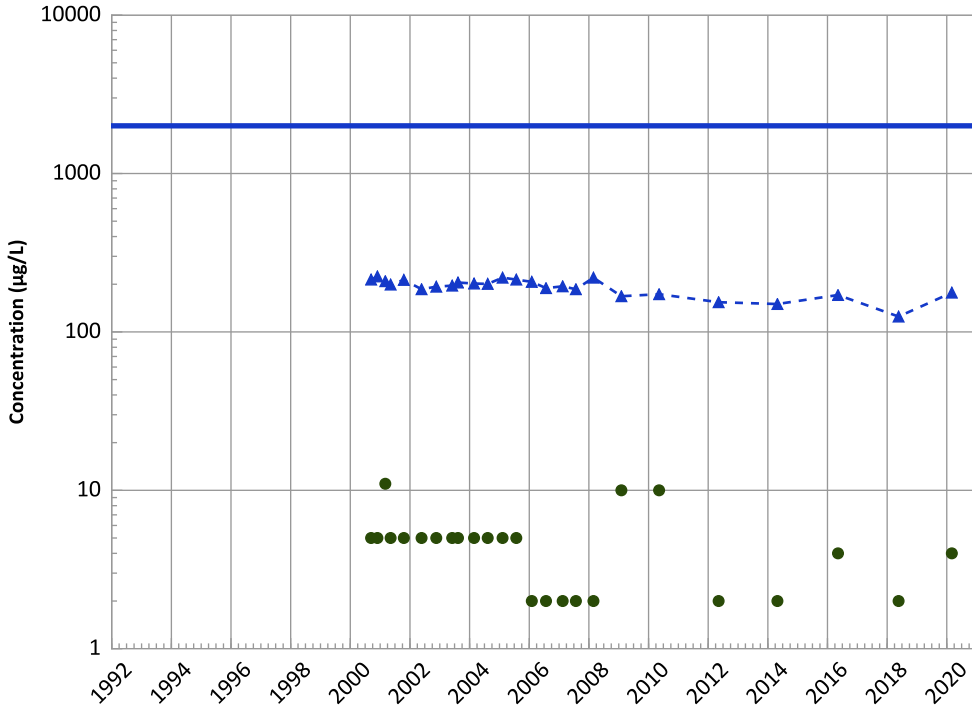


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Barium Trend



Concentration Trend

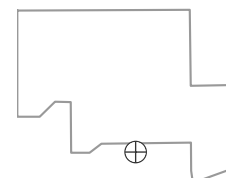
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

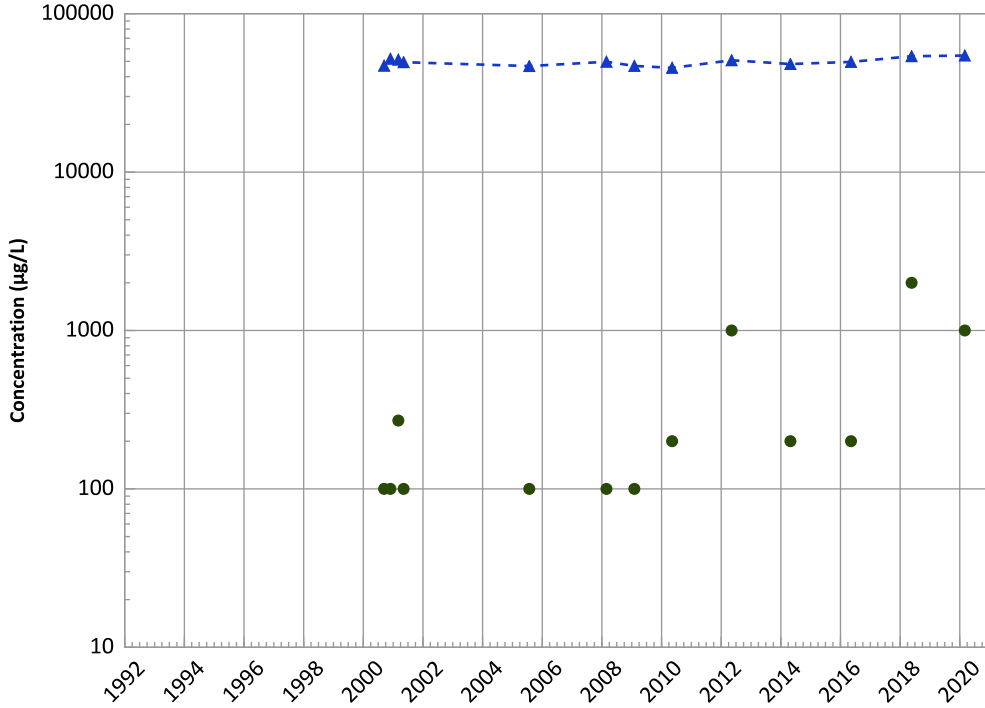
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

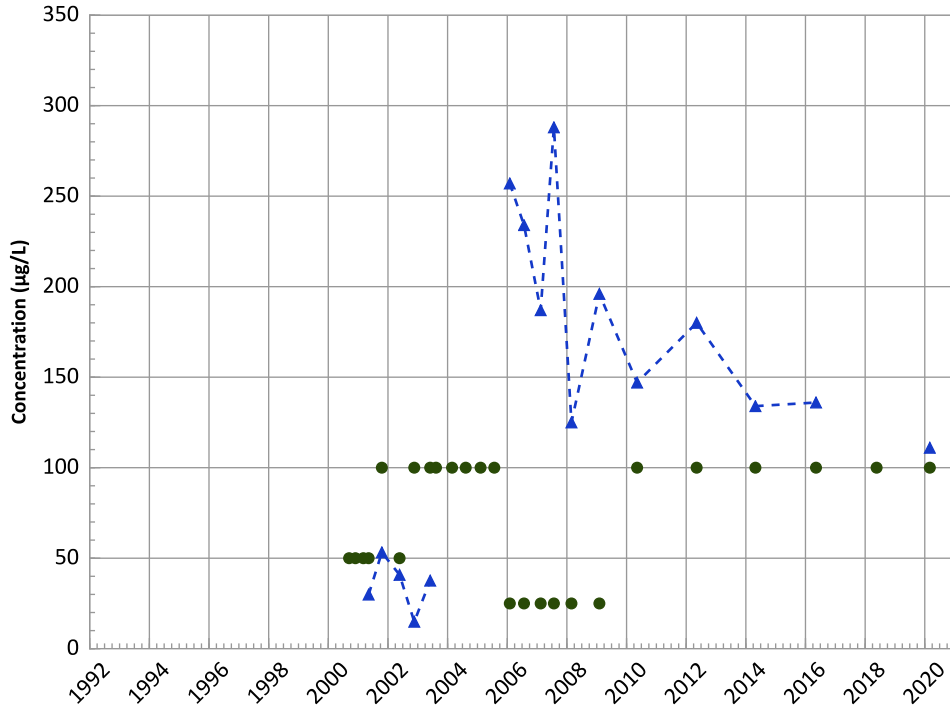
2018 - 2020 Data:

Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

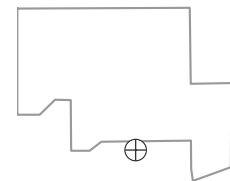
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Well Location

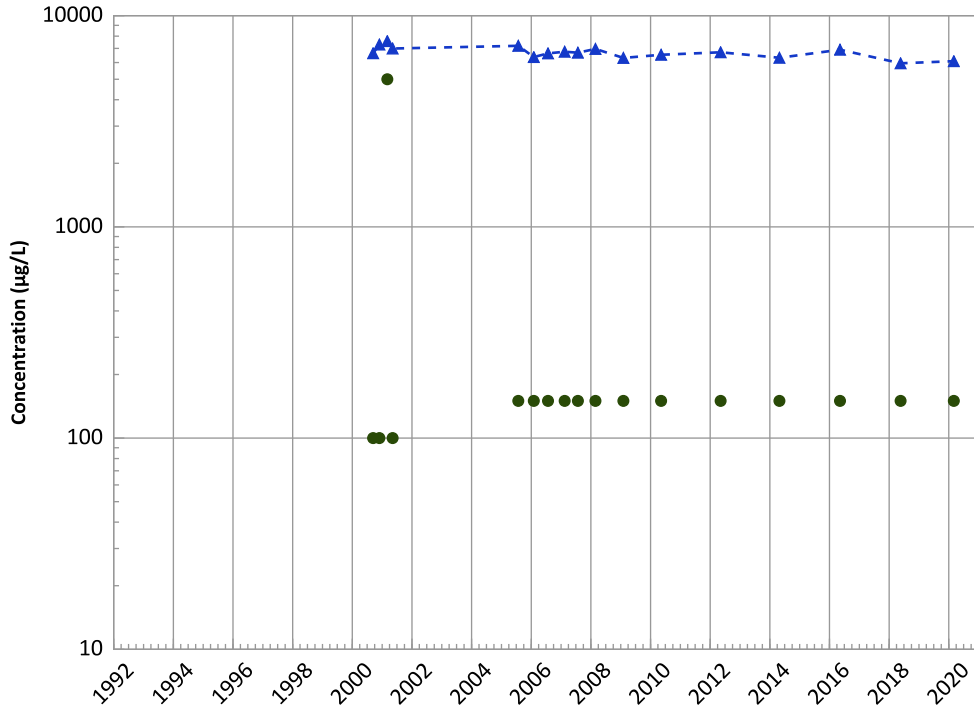


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

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

PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

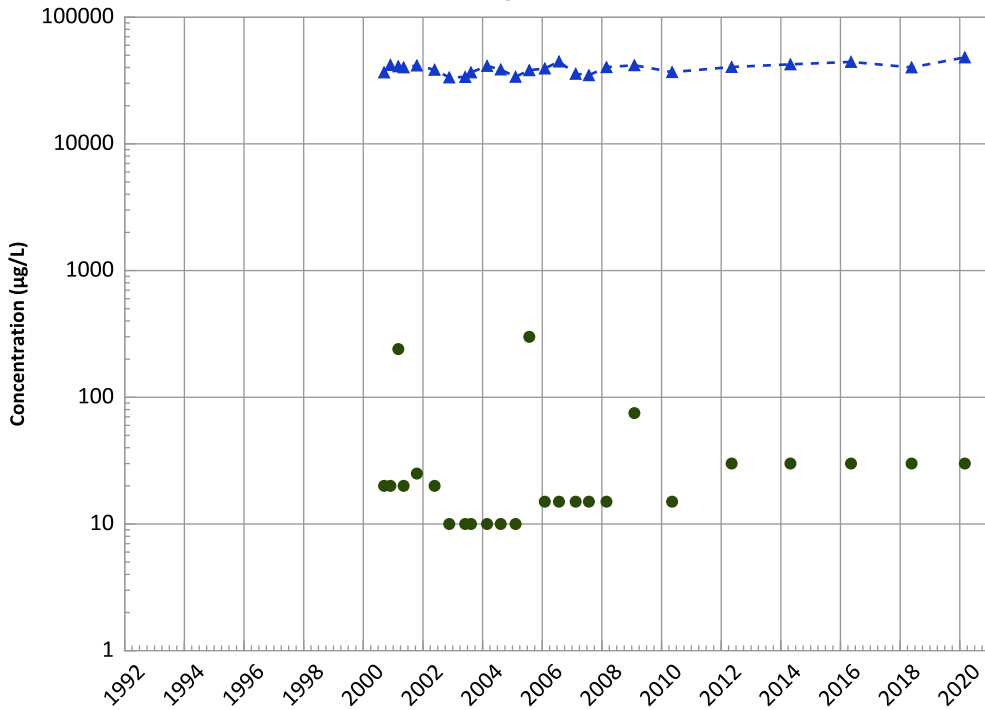
2018 - 2020 Data:

Stable

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

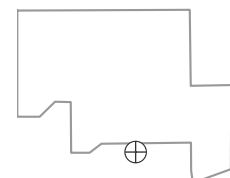
2018 - 2020 Data:

No Trend

All Data:

Increasing

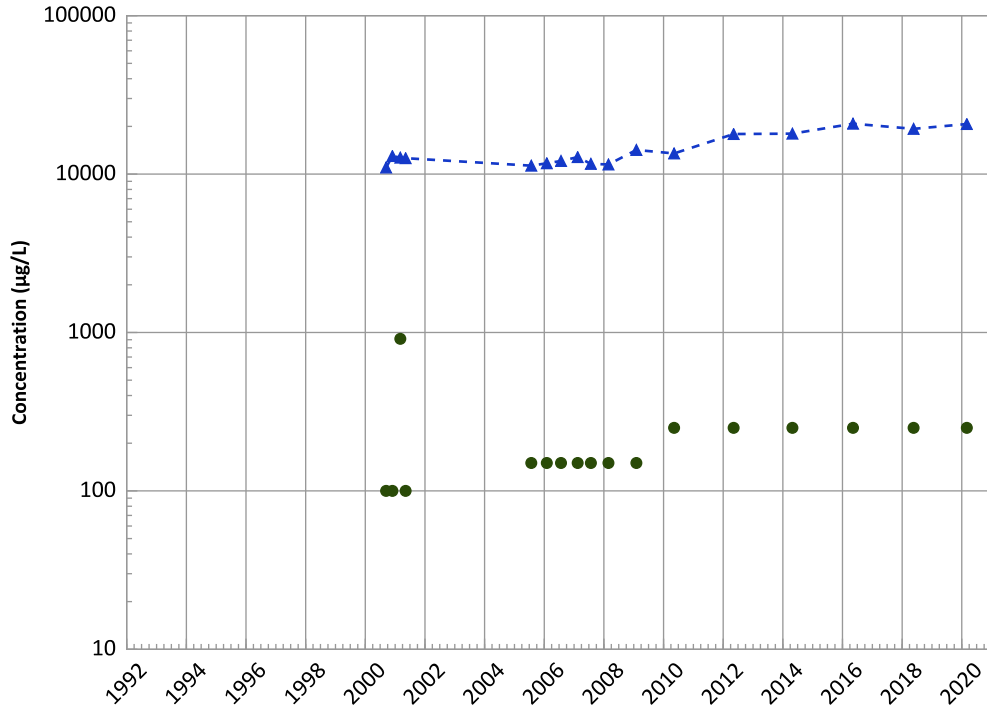
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 03/03/2020
Analysis Date: 06/03/2021

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

PTX06-1053 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

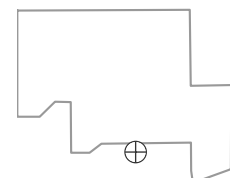
All Data:

Increasing

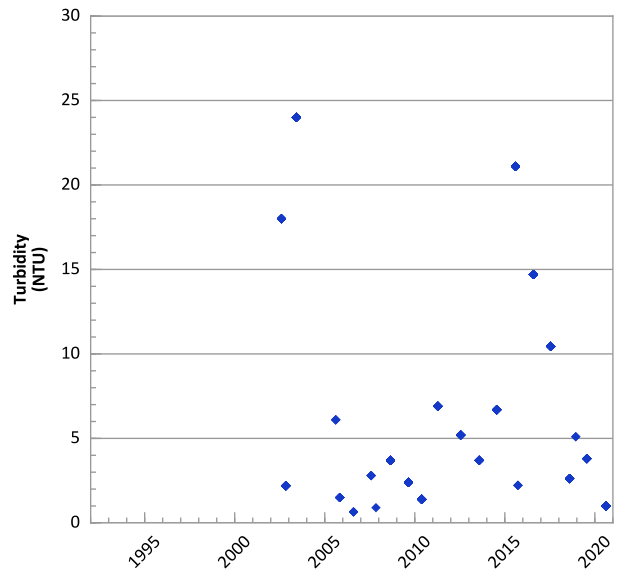
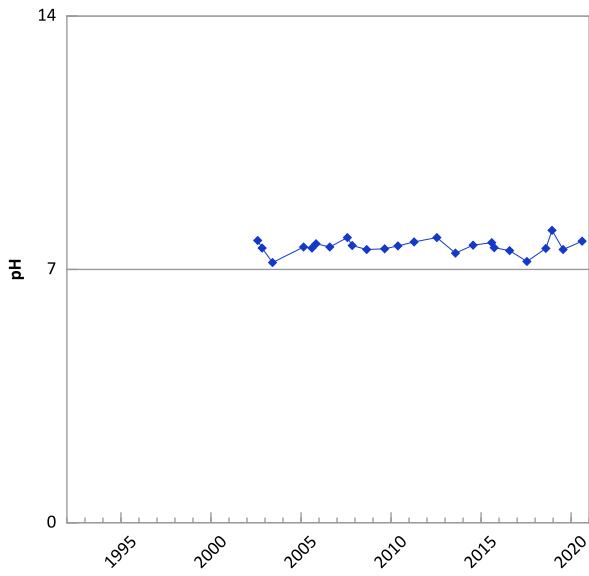
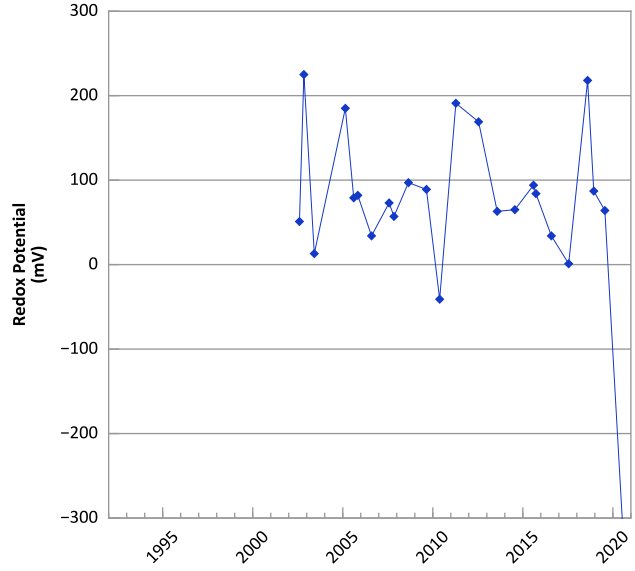
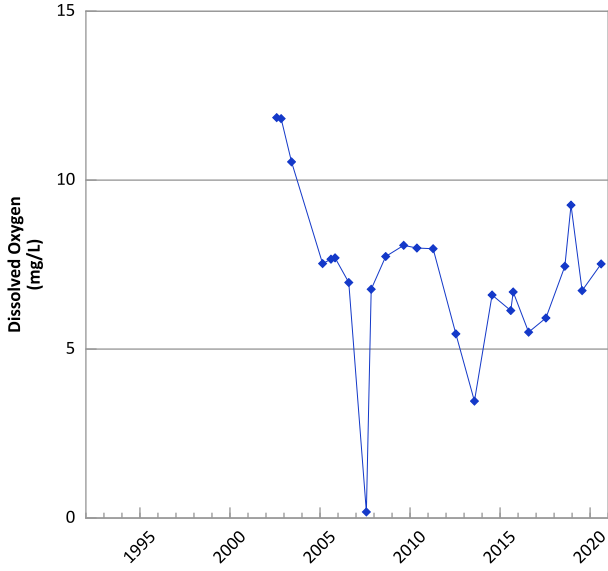
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/12/2000 to 03/03/2020
 Analysis Date: 06/03/2021

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

Well Location

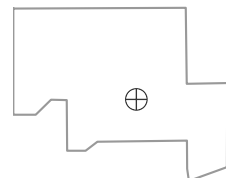


**PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



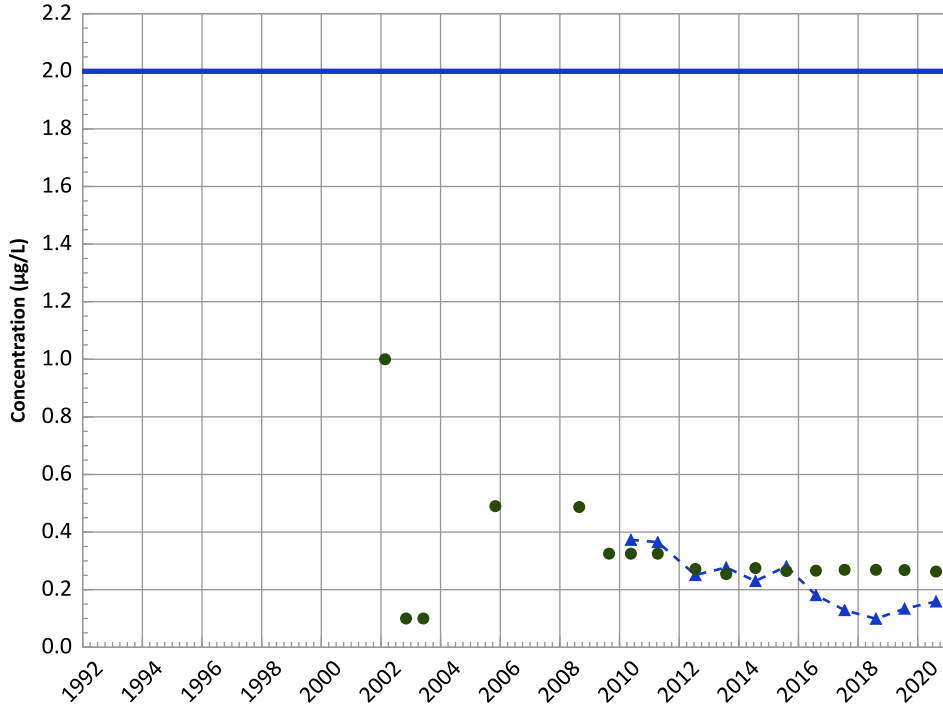
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/20/2002 to 08/12/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

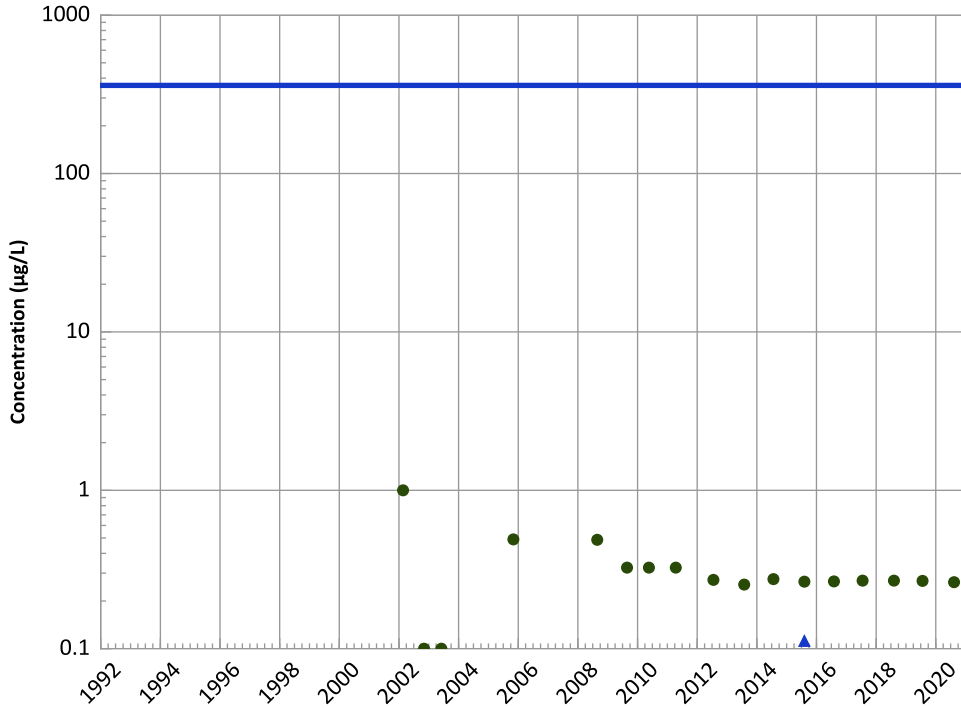
2018 - 2020 Data:

No Trend

All Data:

Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

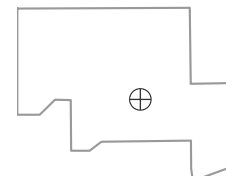
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

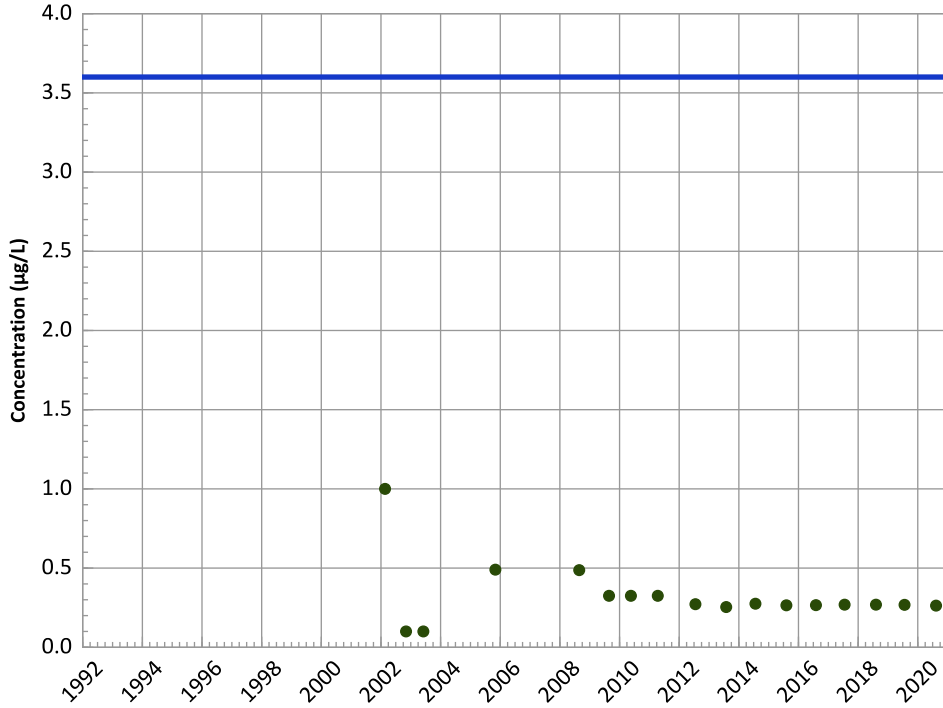
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

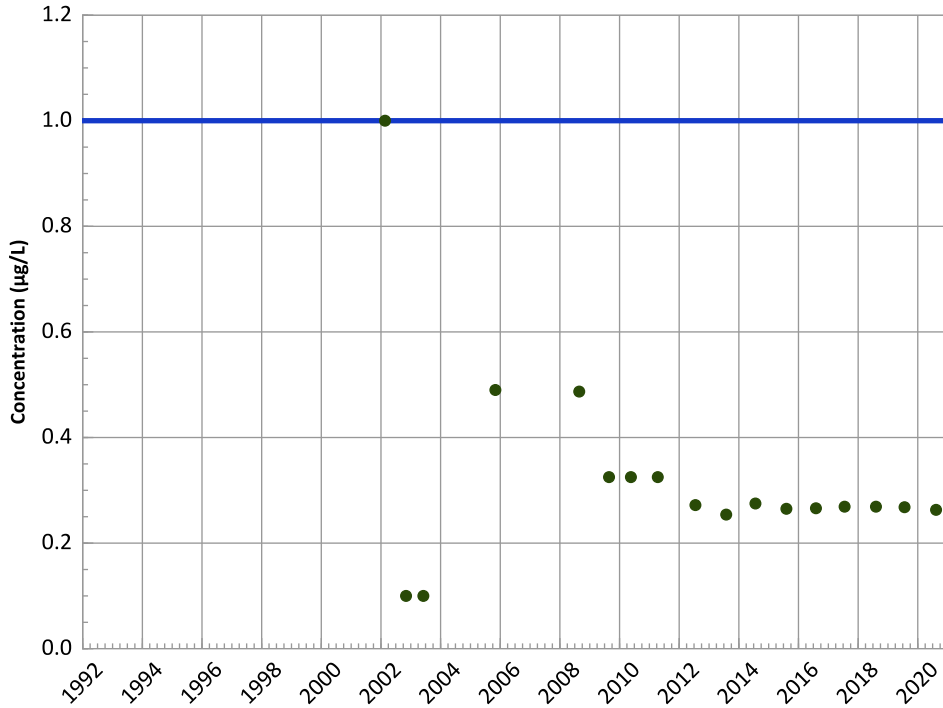
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

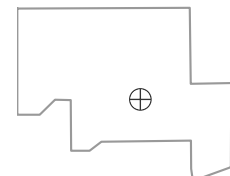
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

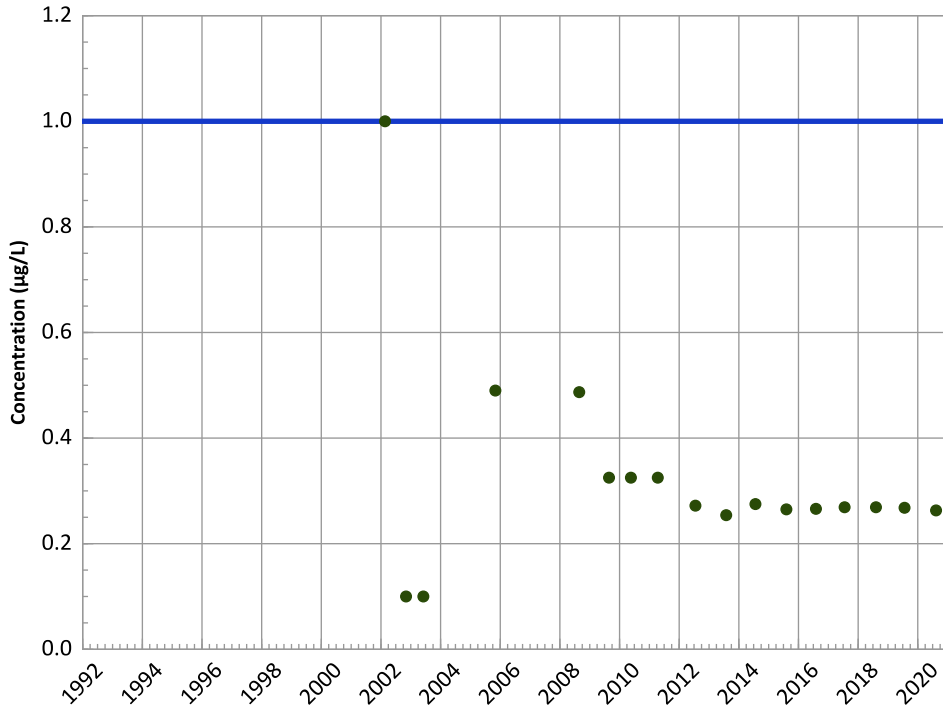


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

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

PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

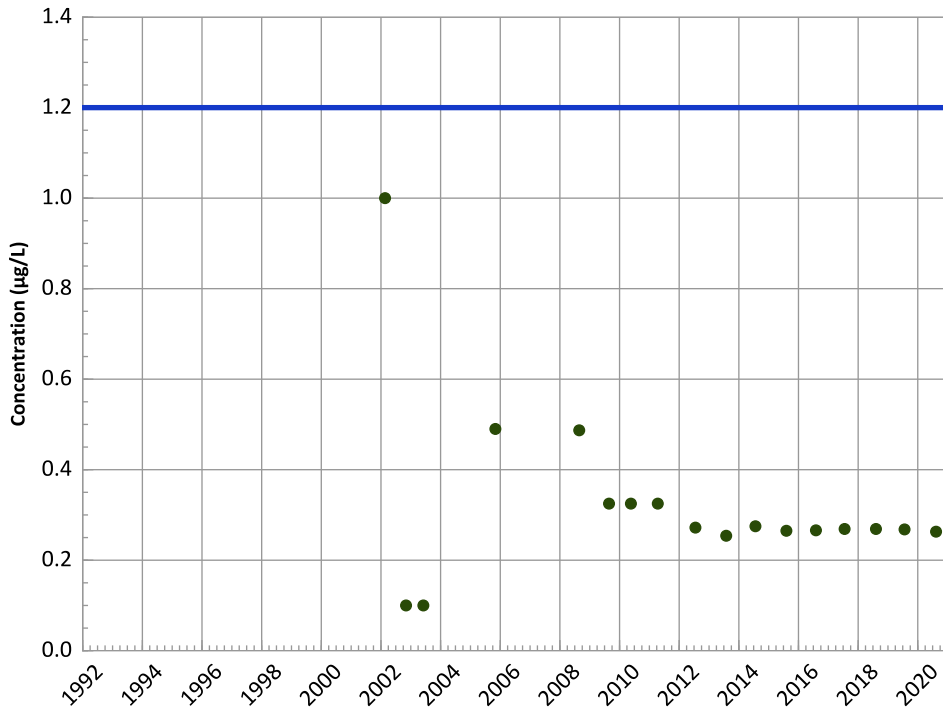
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

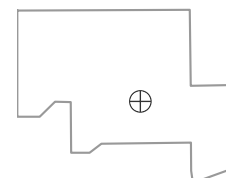
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

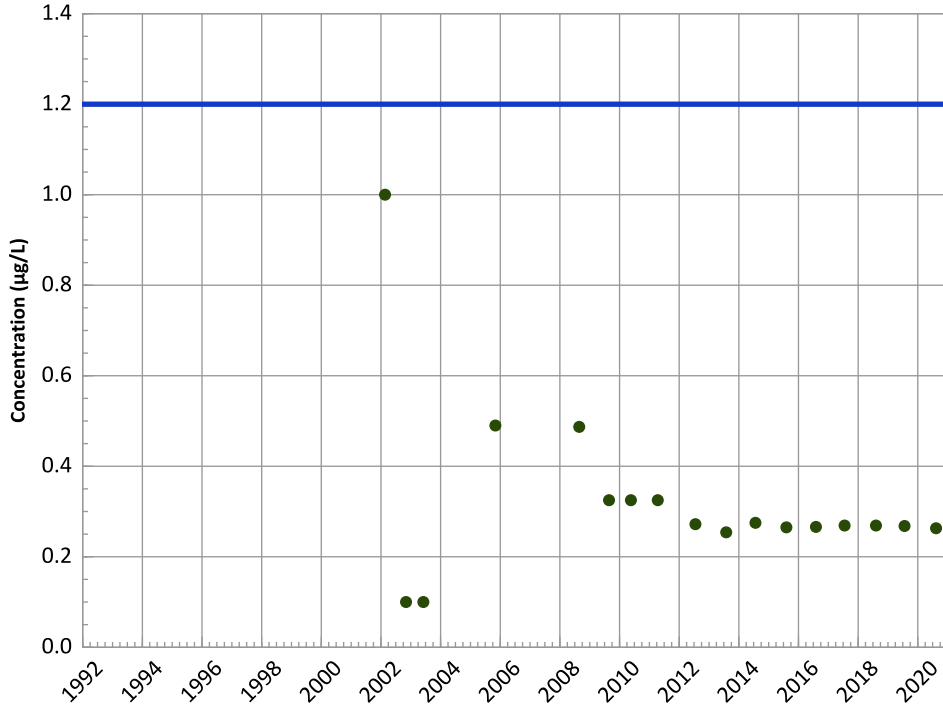


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

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

PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

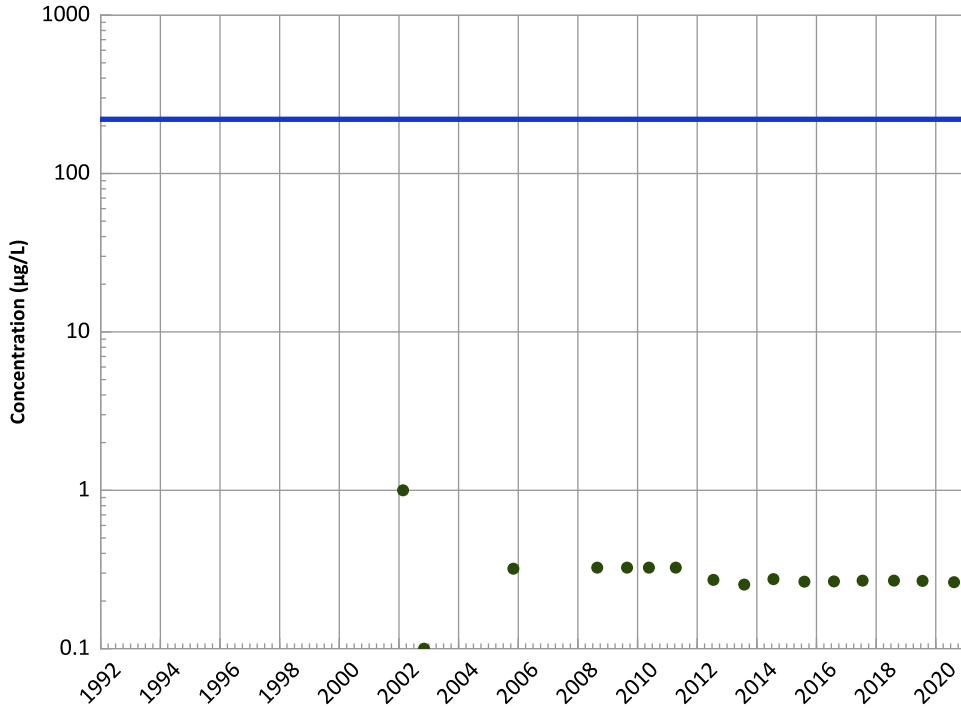
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

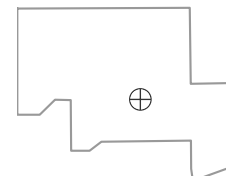
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

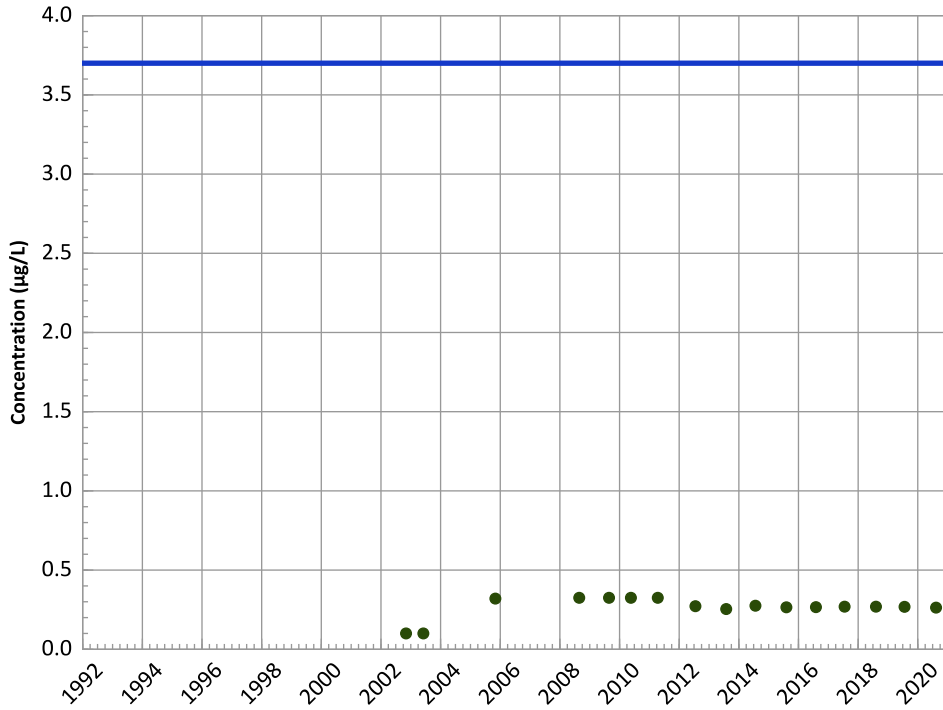
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

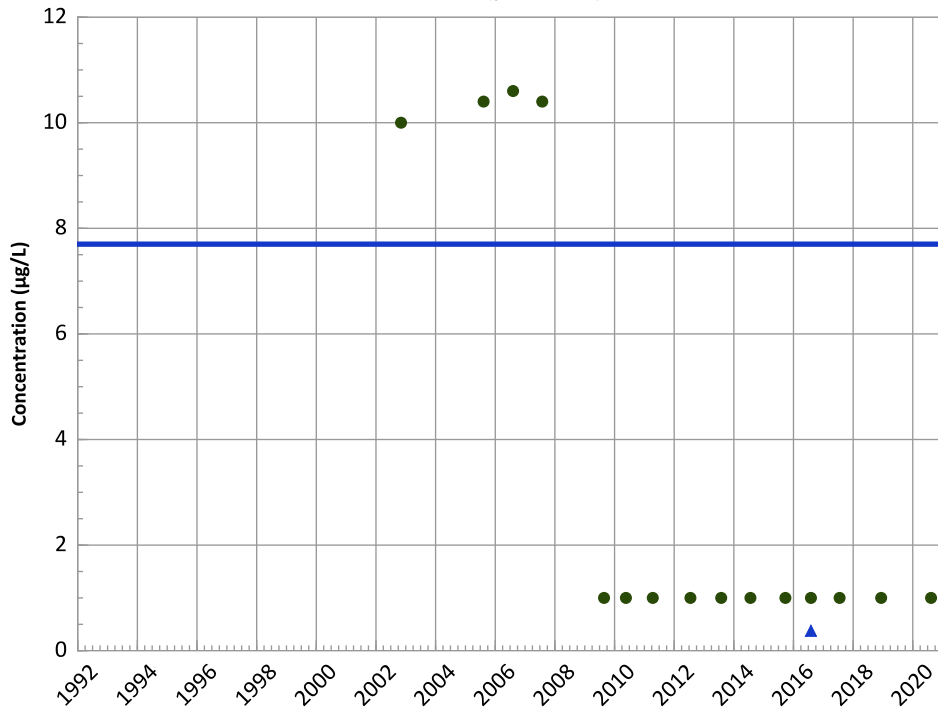
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

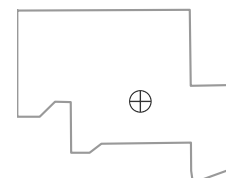
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

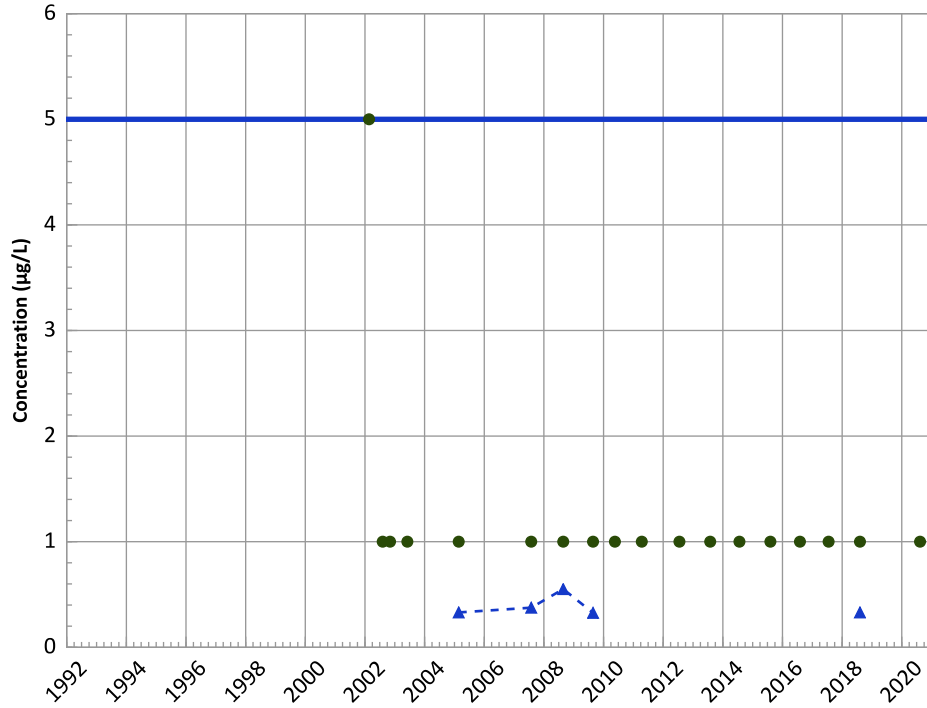
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

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

**PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

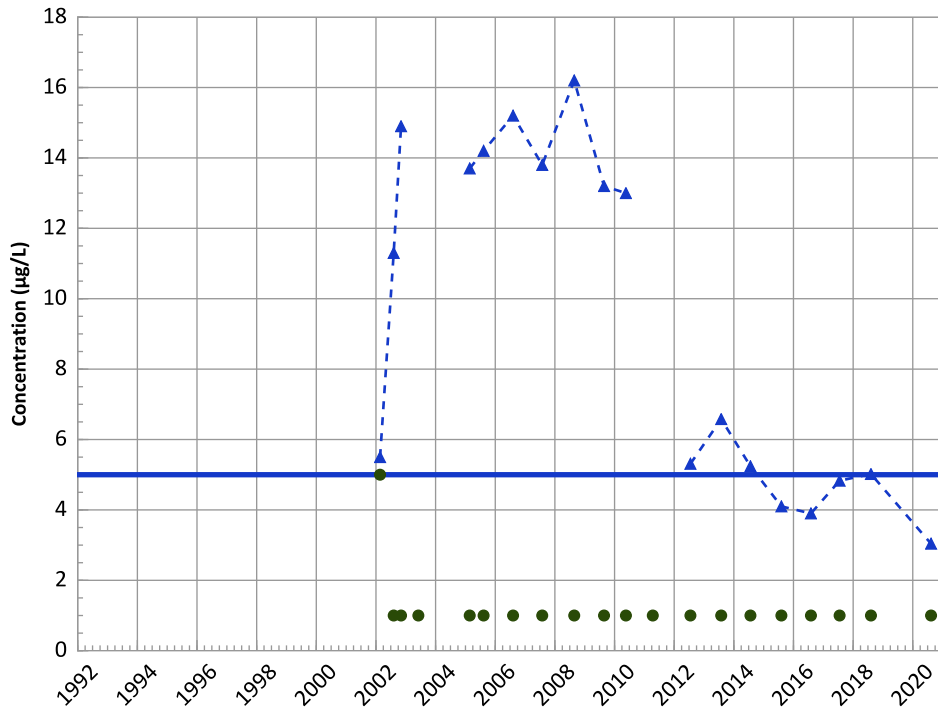


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Stable

Trichloroethene Trend



Concentration Trend

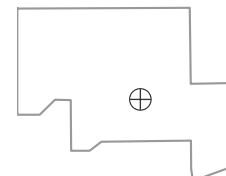
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

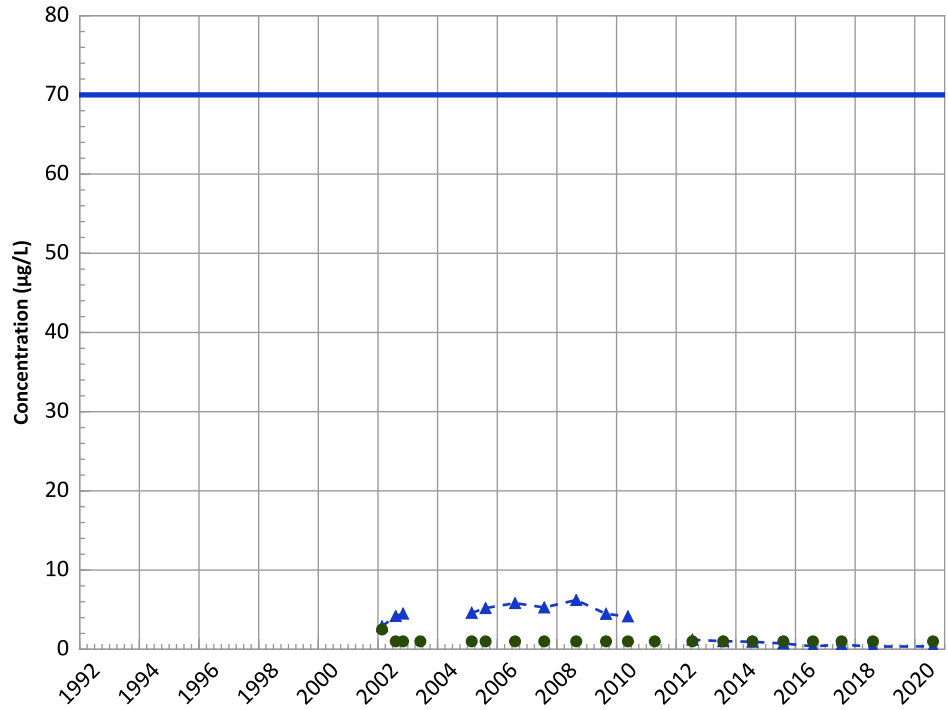
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Decreasing

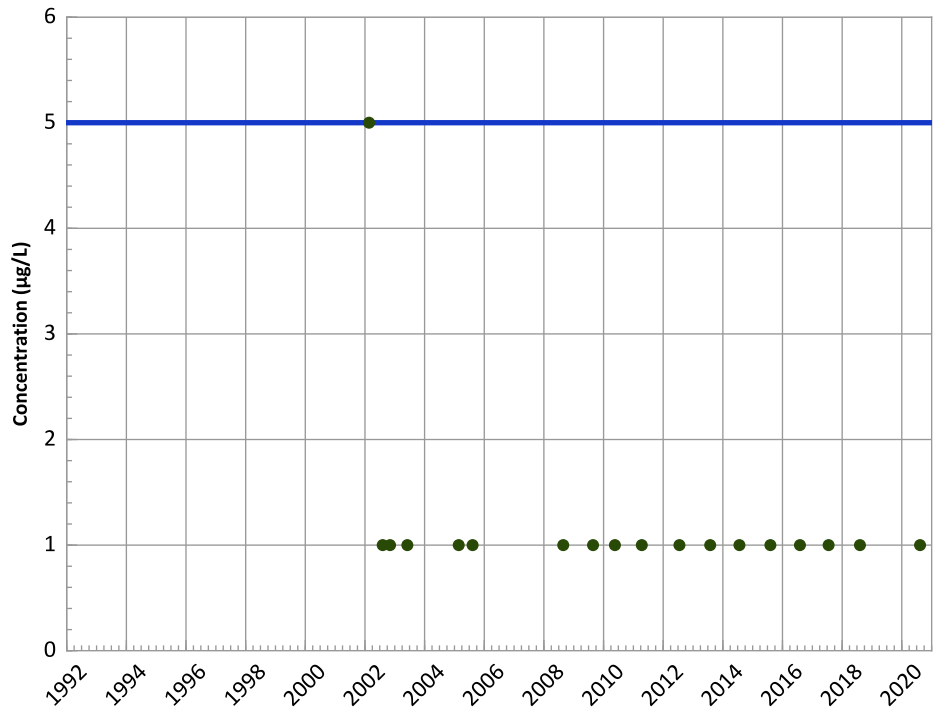
MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Decreasing

Decreasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

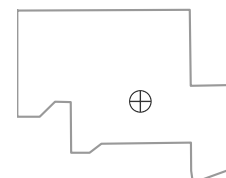
All Data:
All Non-Detect

All Non-Detect

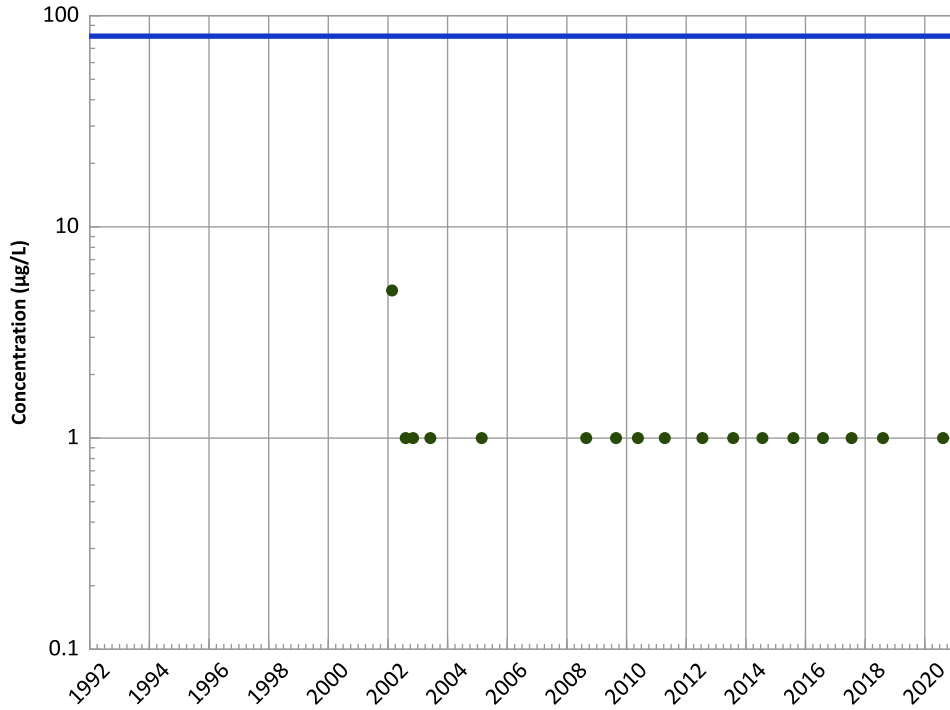
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

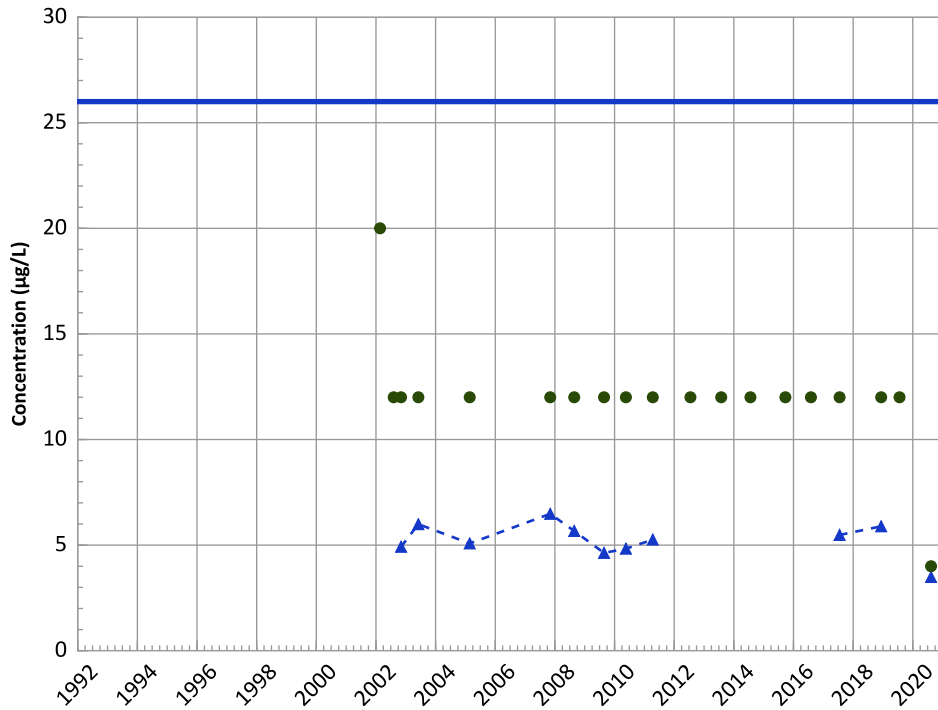


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

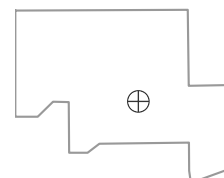
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

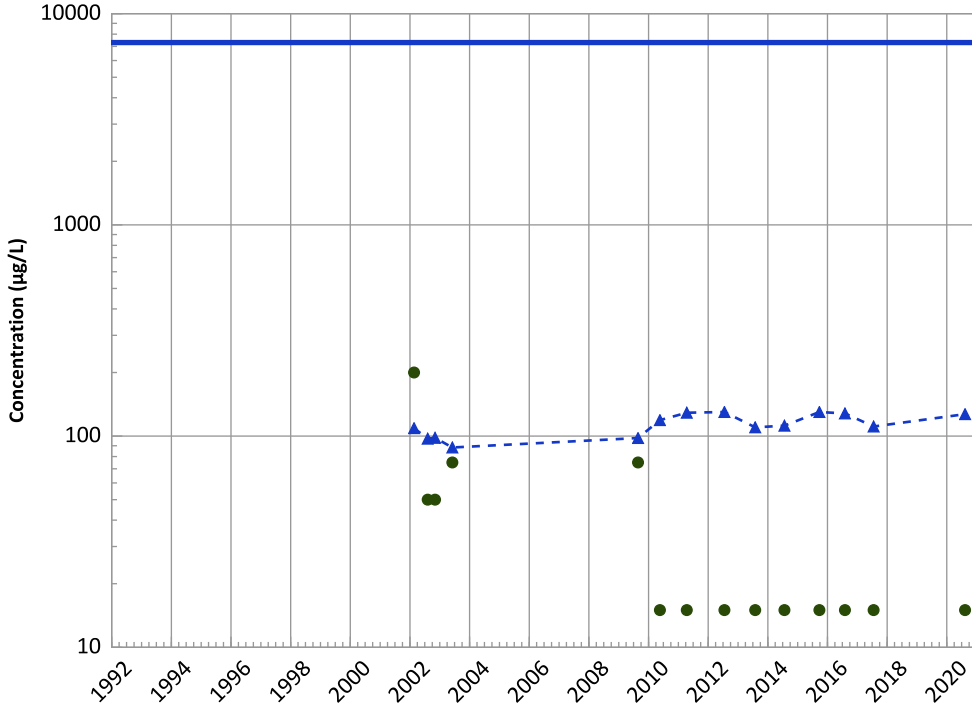
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

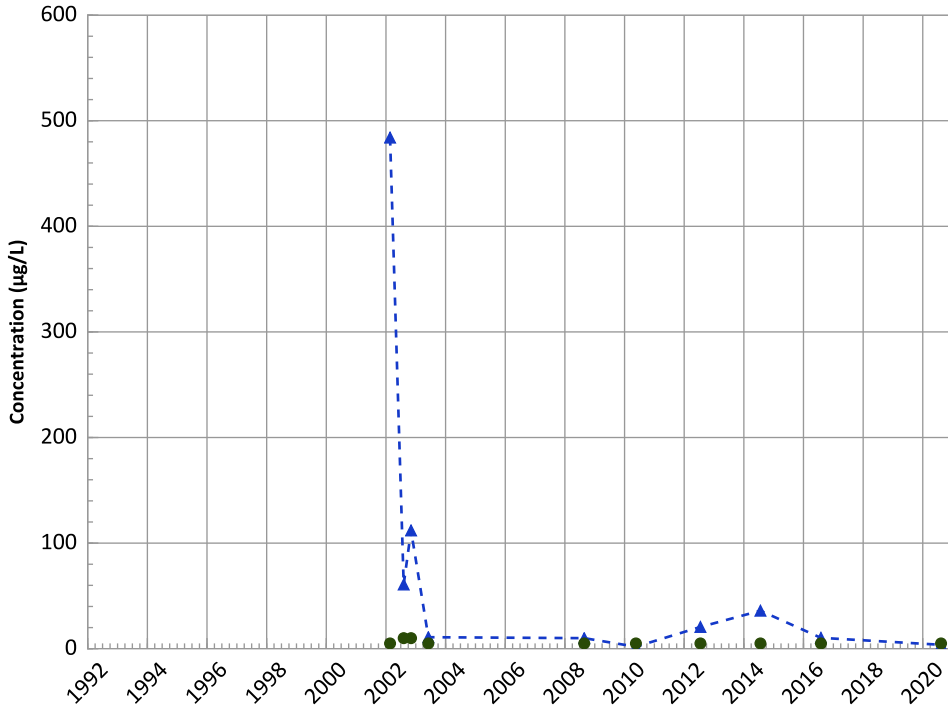
2018 - 2020 Data:

Stable

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

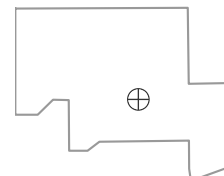
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

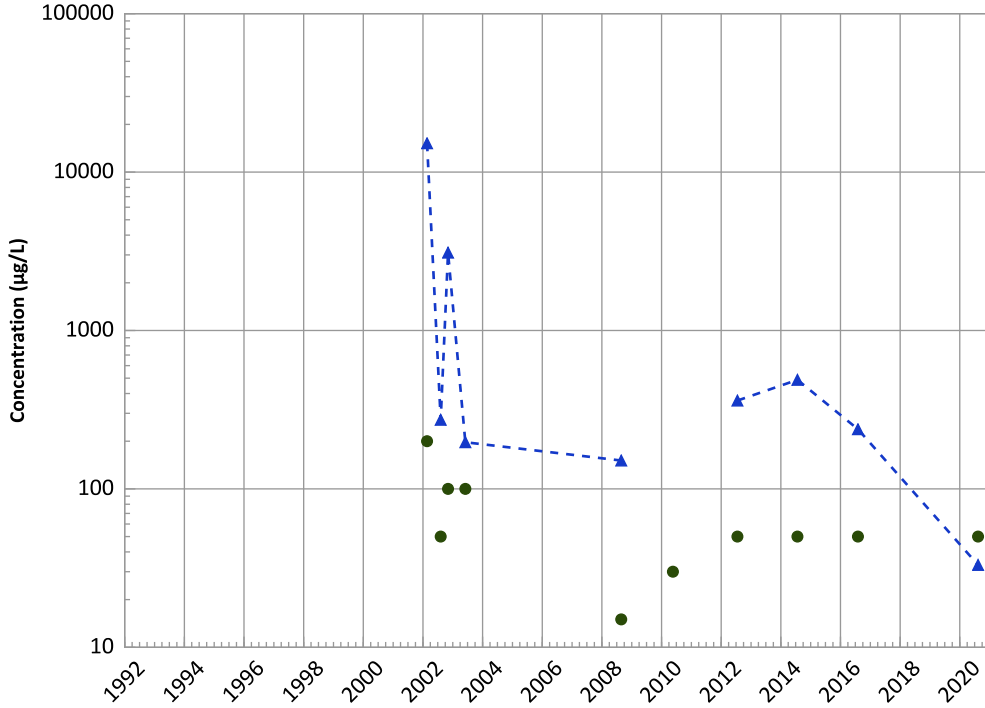
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

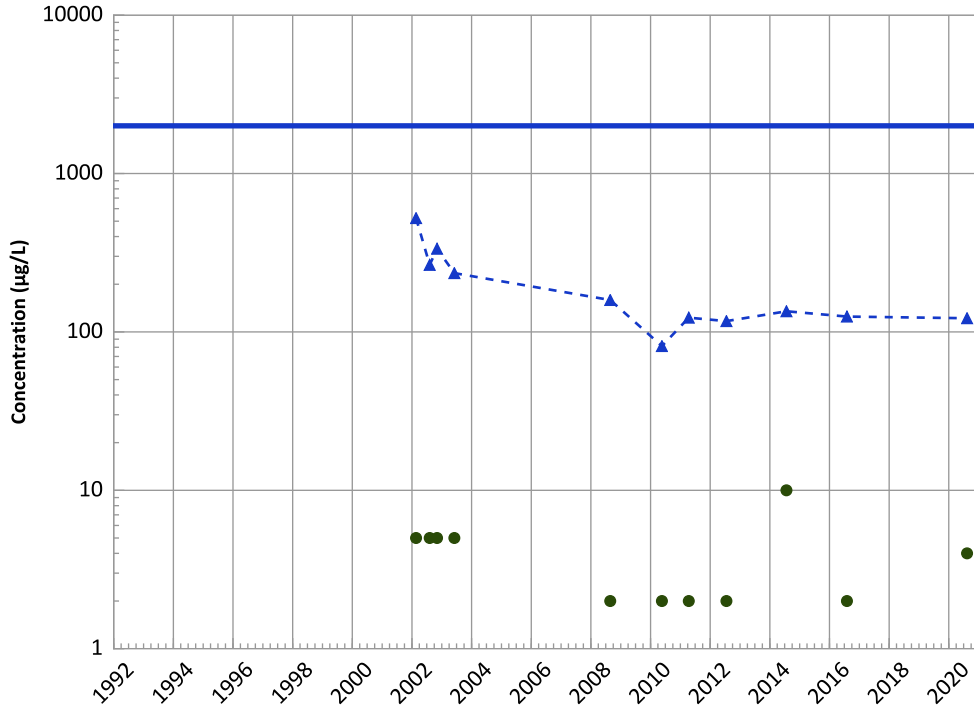
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

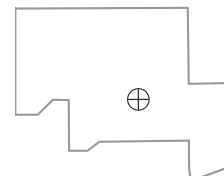
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

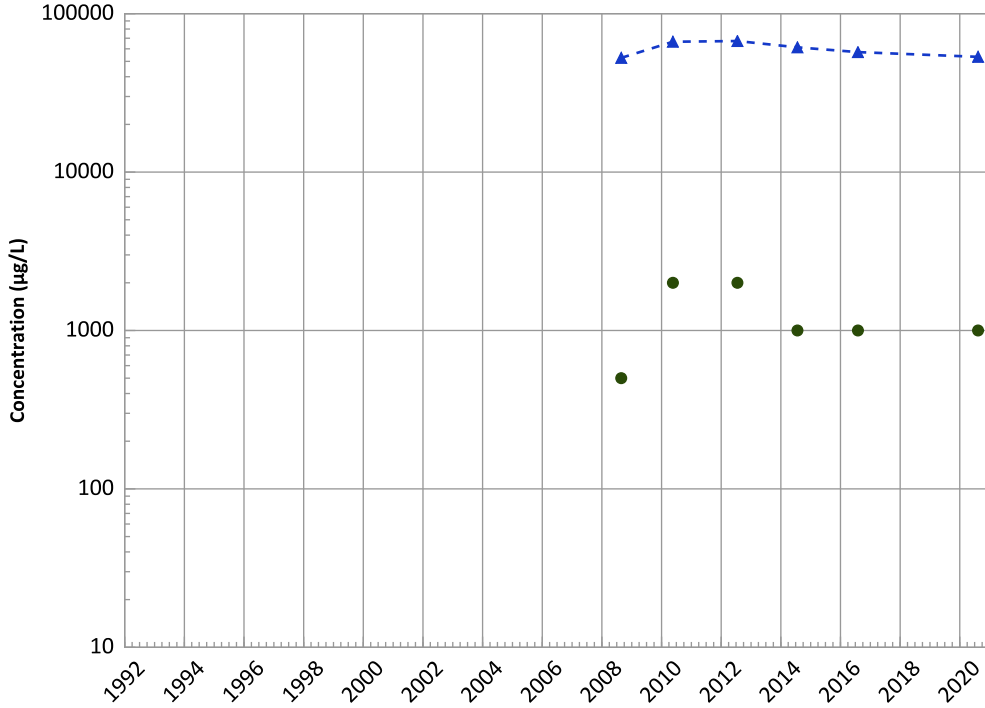
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

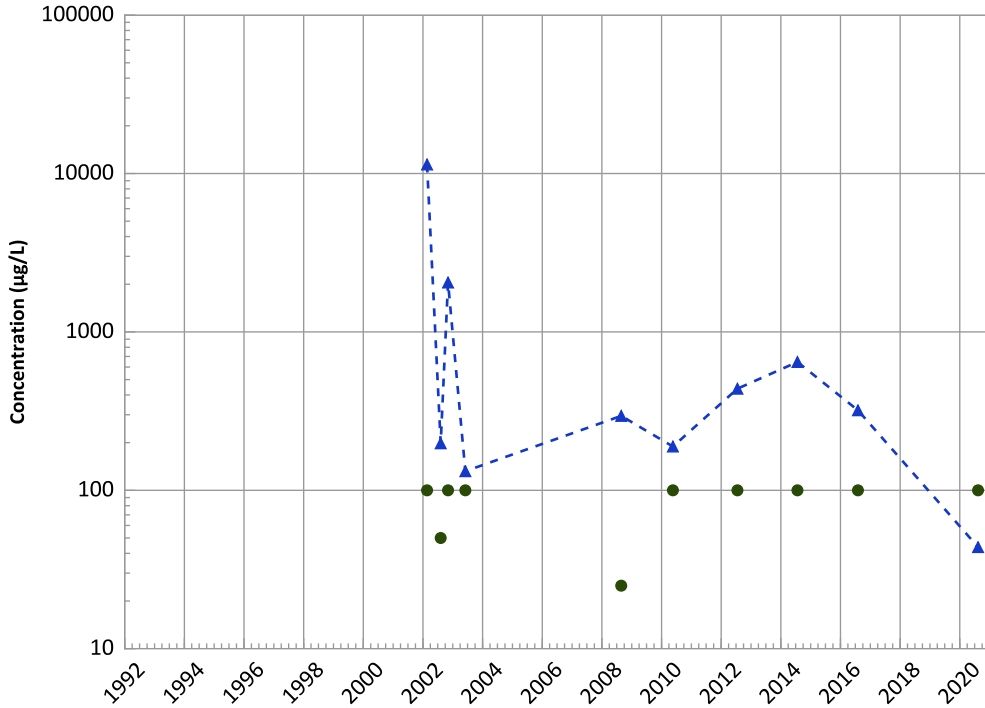
2018 - 2020 Data:

Decreasing

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

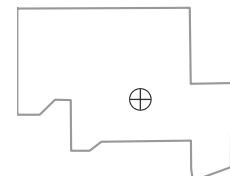
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Decreasing

Well Location

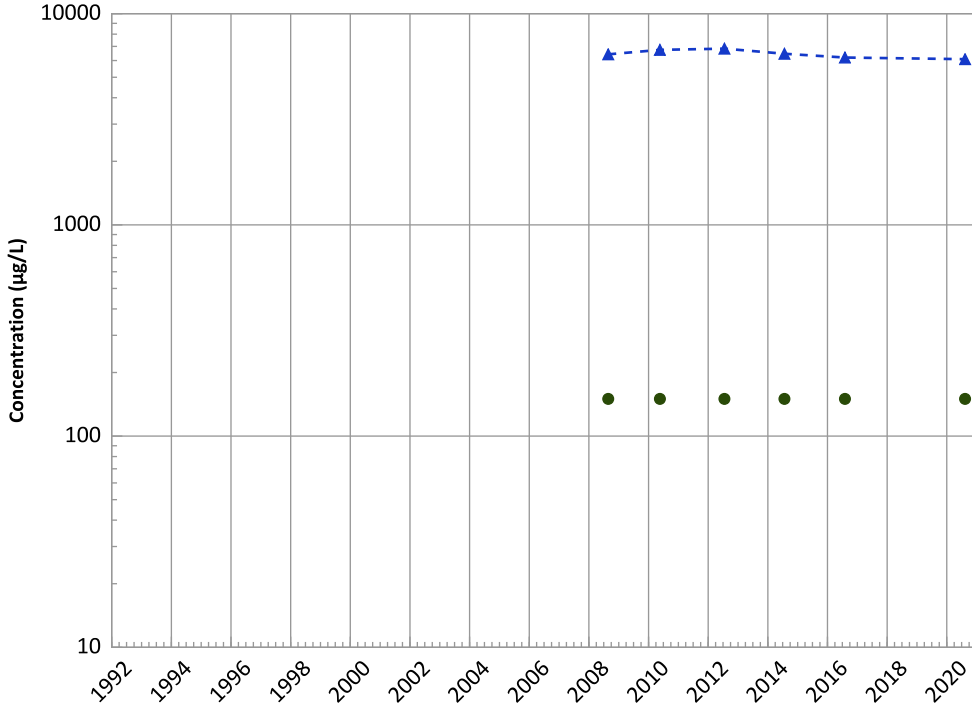


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

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

PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

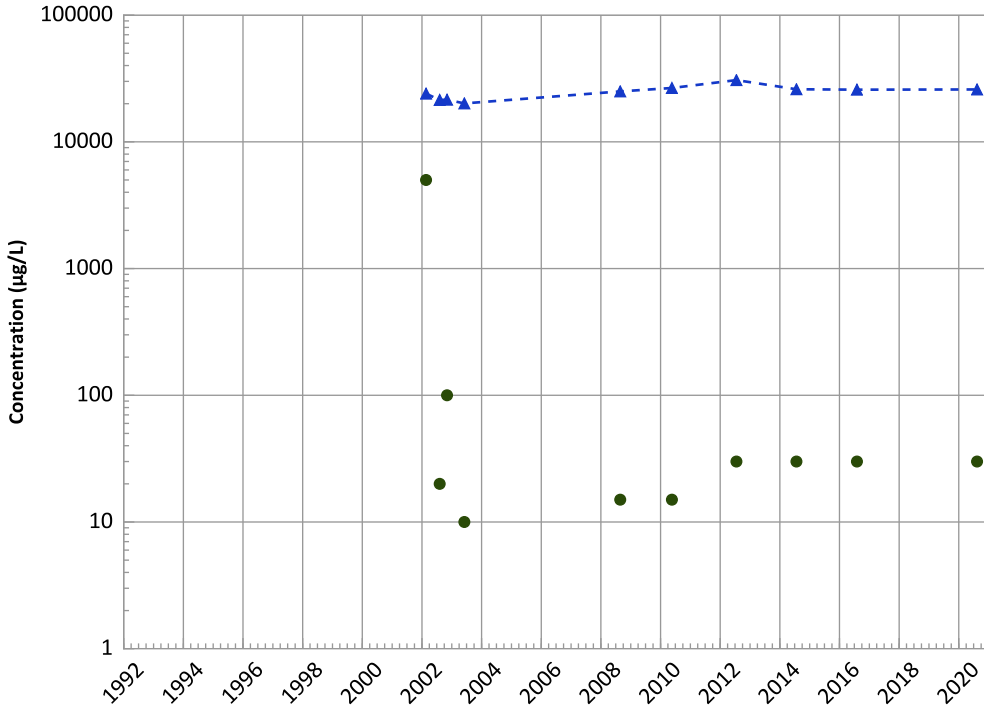
2018 - 2020 Data:

Decreasing

All Data:

Probably Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

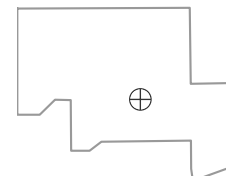
All Data:

Increasing

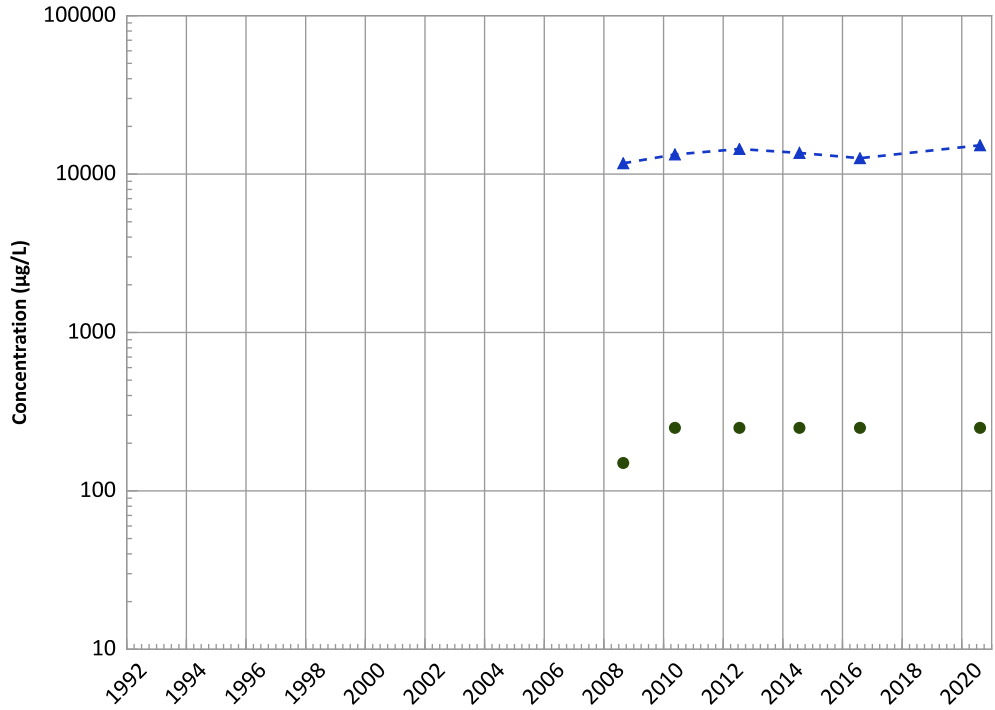
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2002 to 08/12/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1077A in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

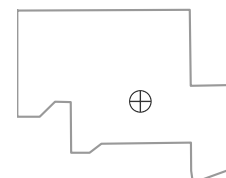
All Data:

Probably Increasing

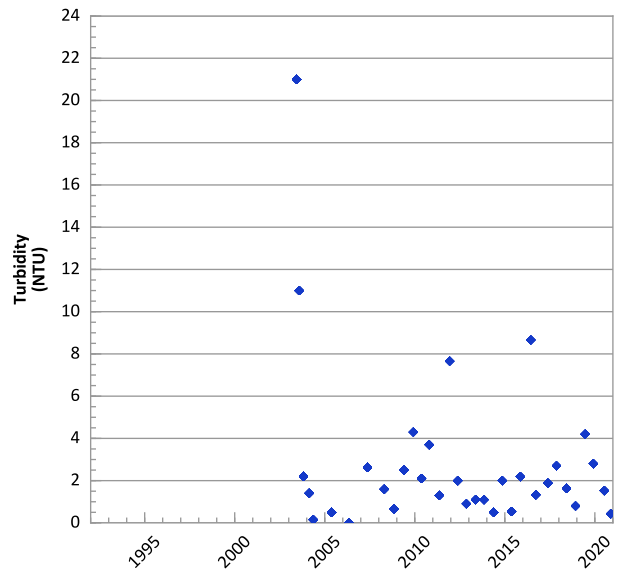
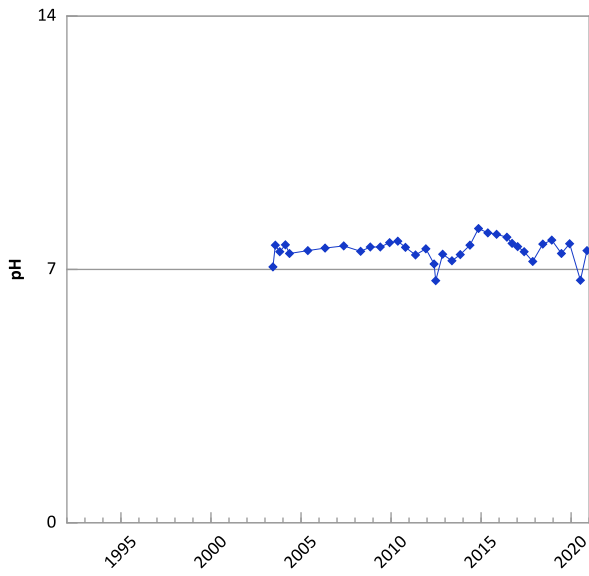
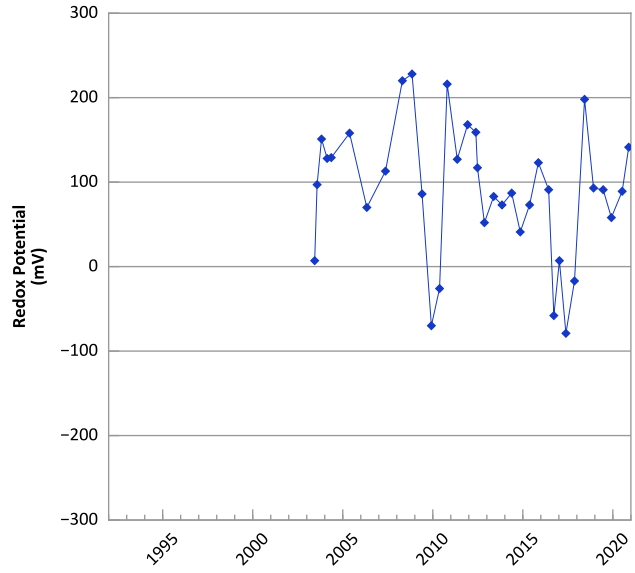
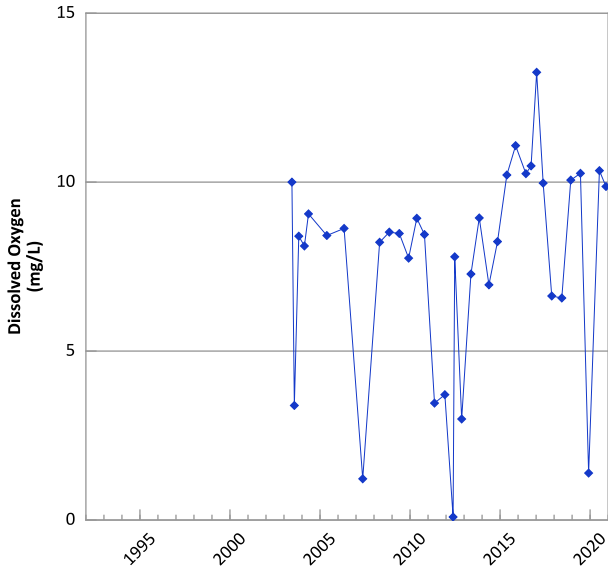
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/20/2002 to 08/12/2020
 Analysis Date: 06/03/2021

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

Well Location

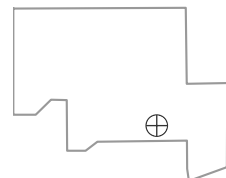


PTX06-1088 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Field Parameters



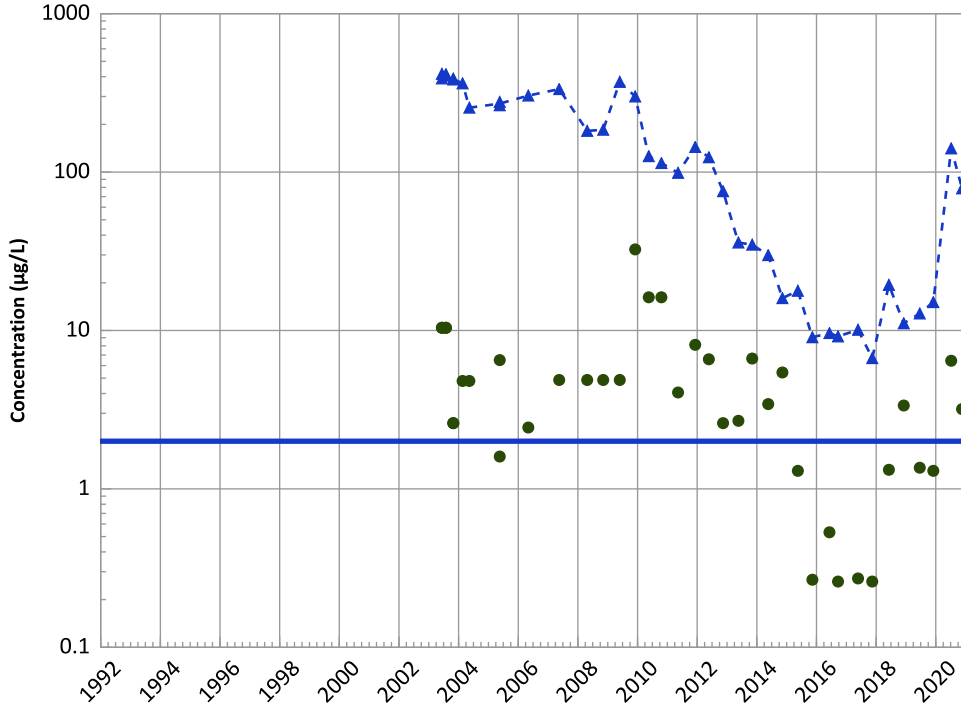
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/11/2003 to 11/18/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

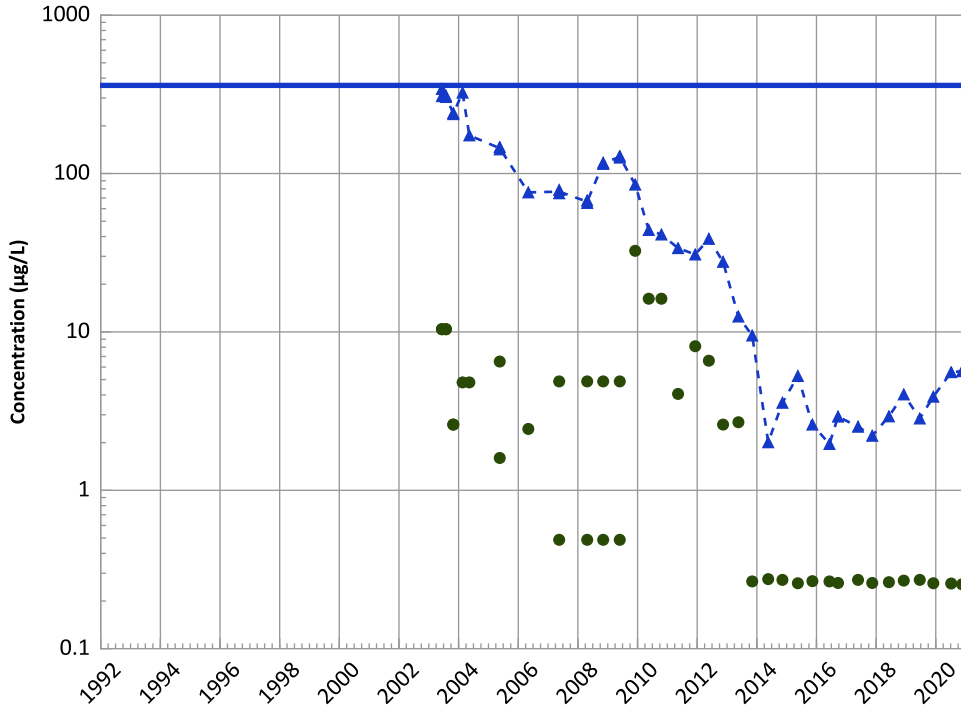


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

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



Concentration Trend

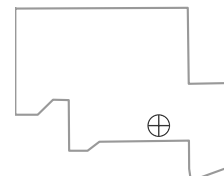
MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

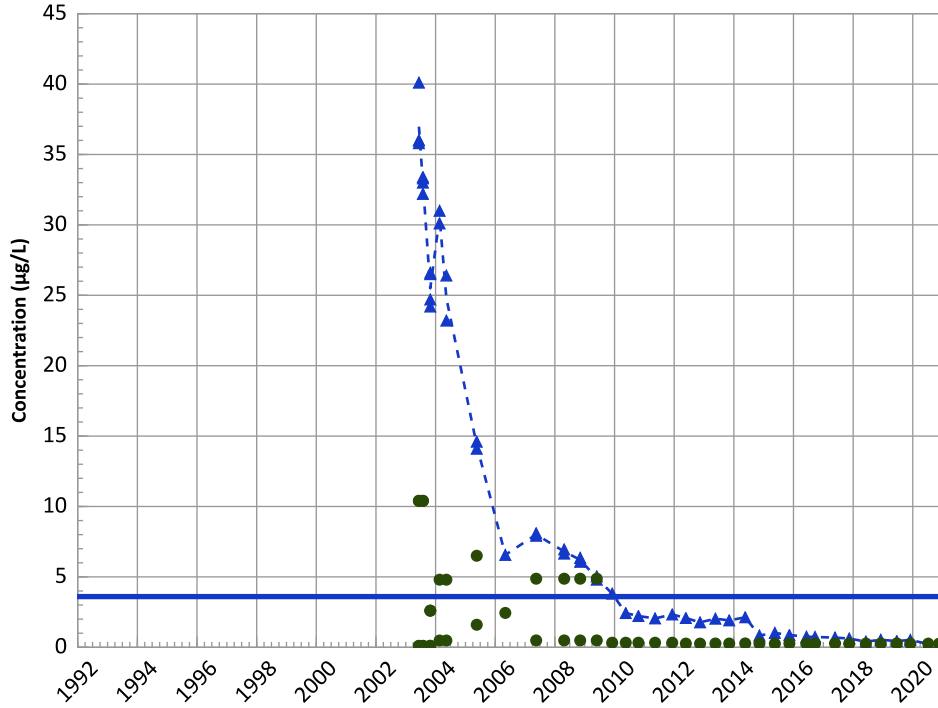
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

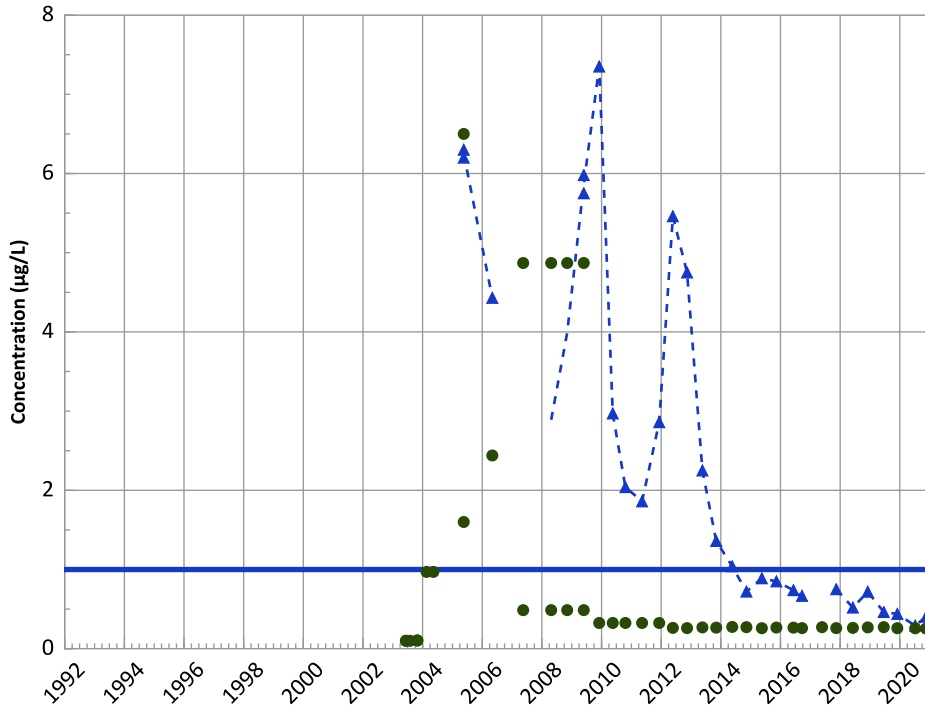
2018 - 2020 Data:

Stable

All Data:

Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

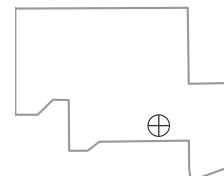
All Data:

Decreasing

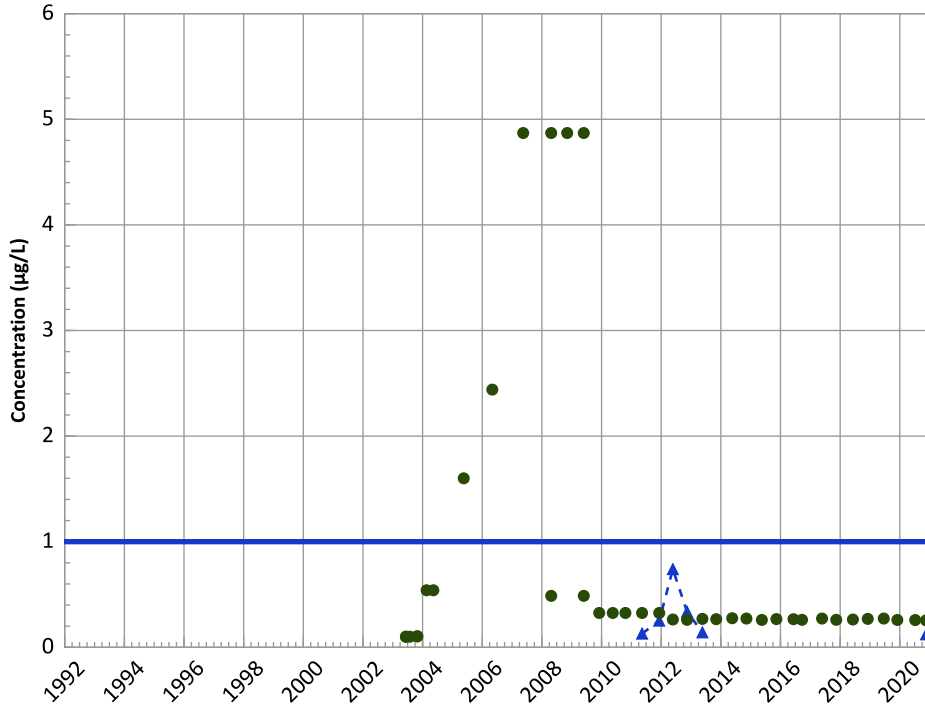
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

- ▲ 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**

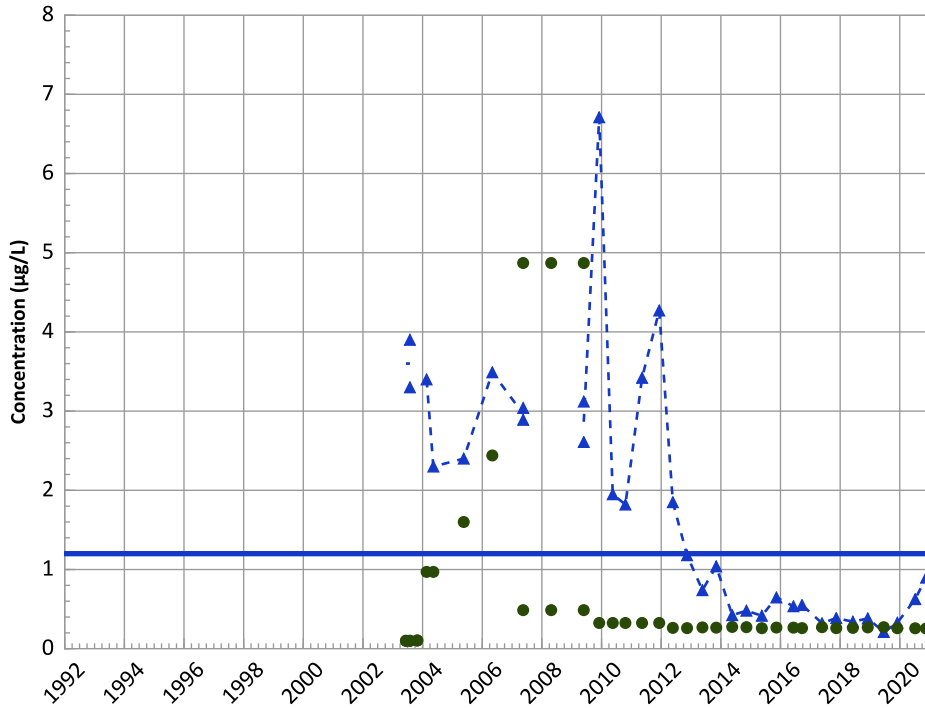


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

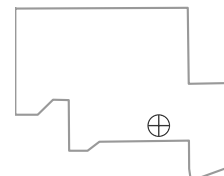
MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

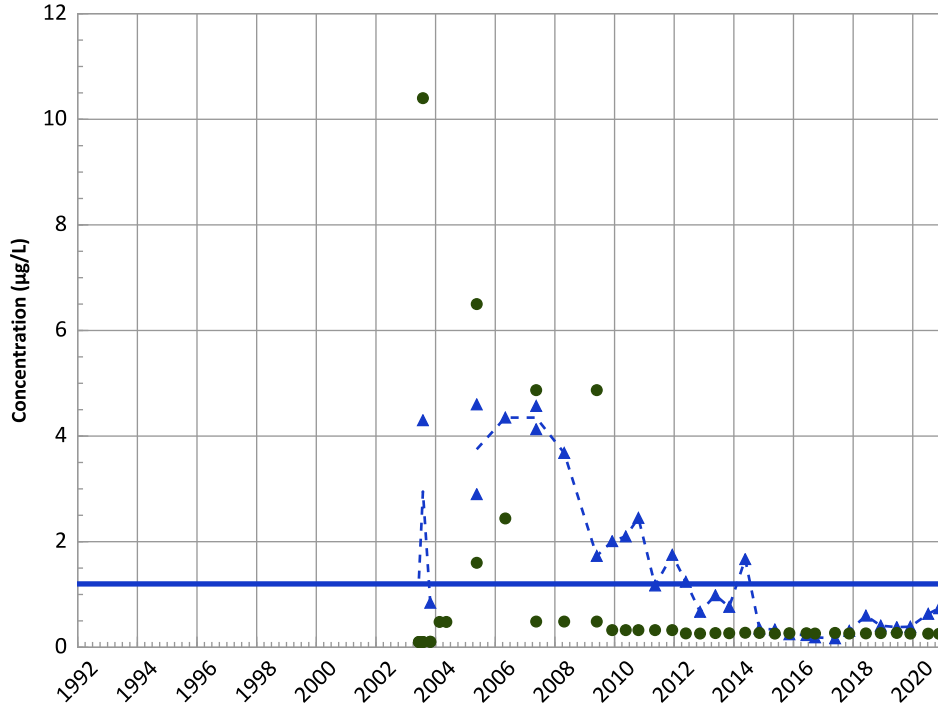
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

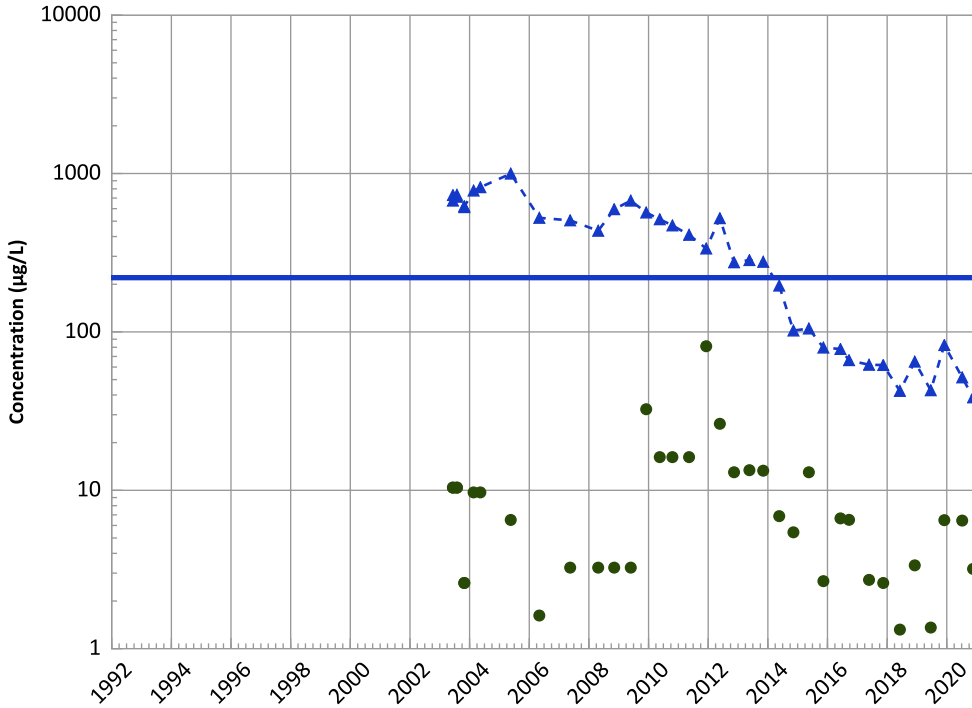
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

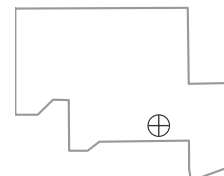
All Data:

Decreasing

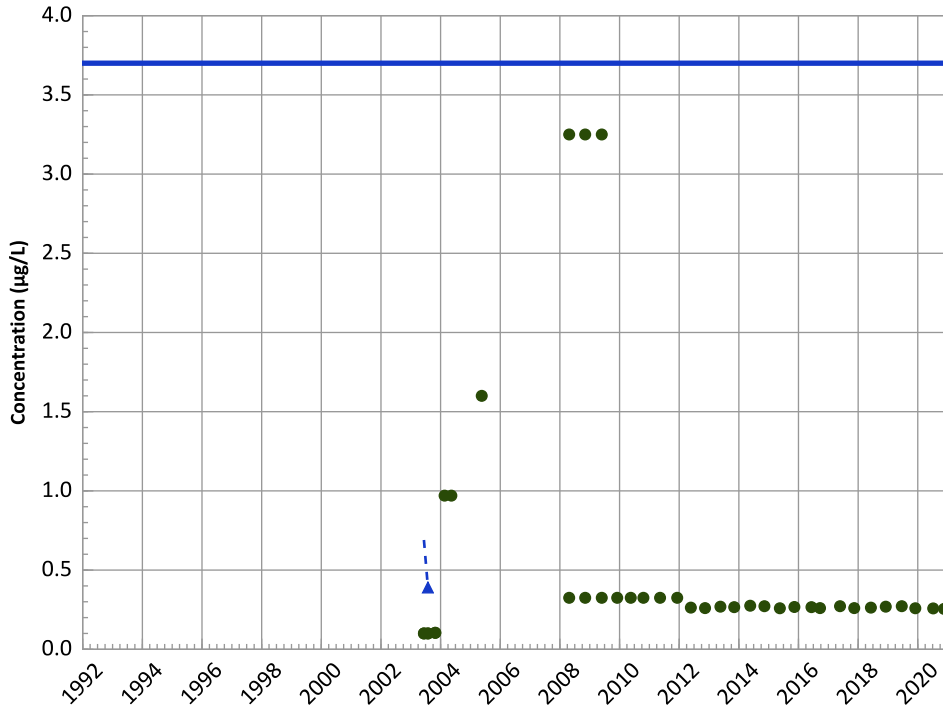
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

- ▲ 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**

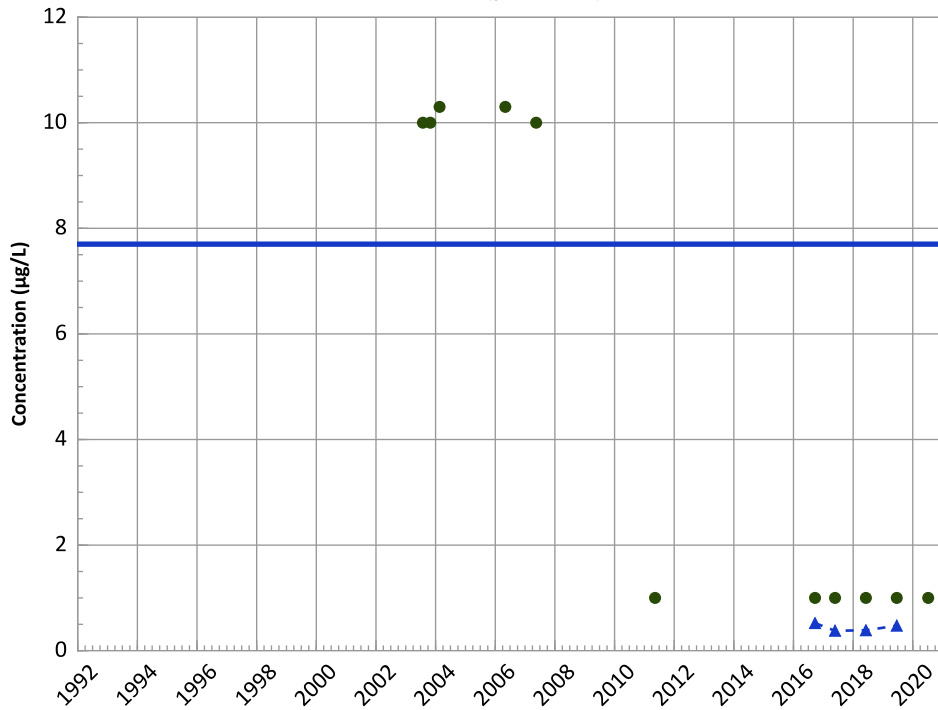


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

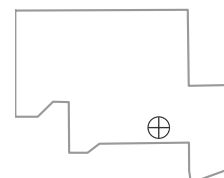
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

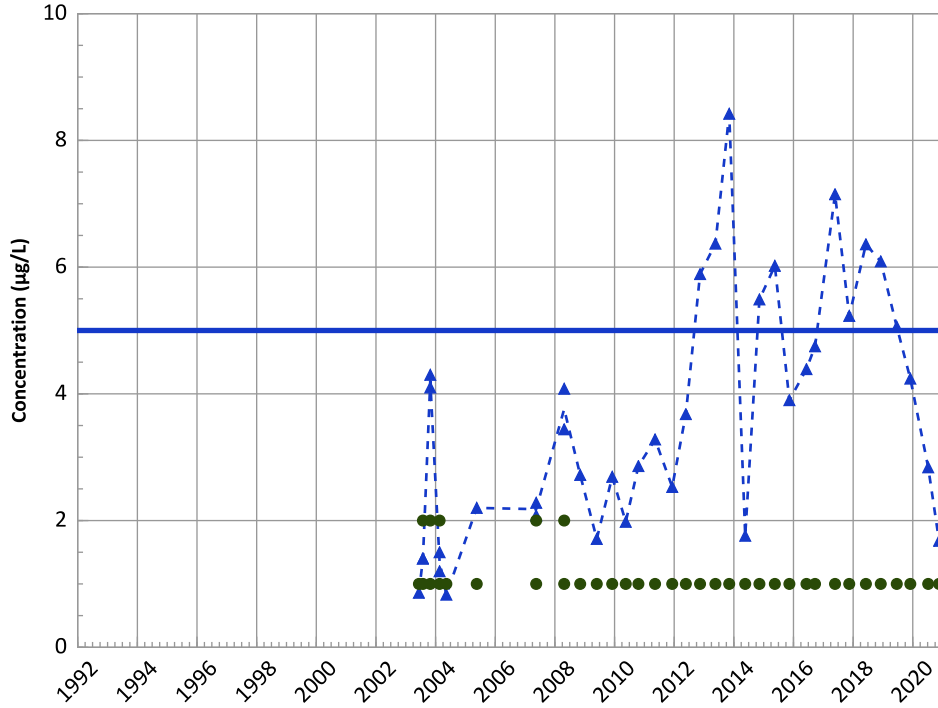
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

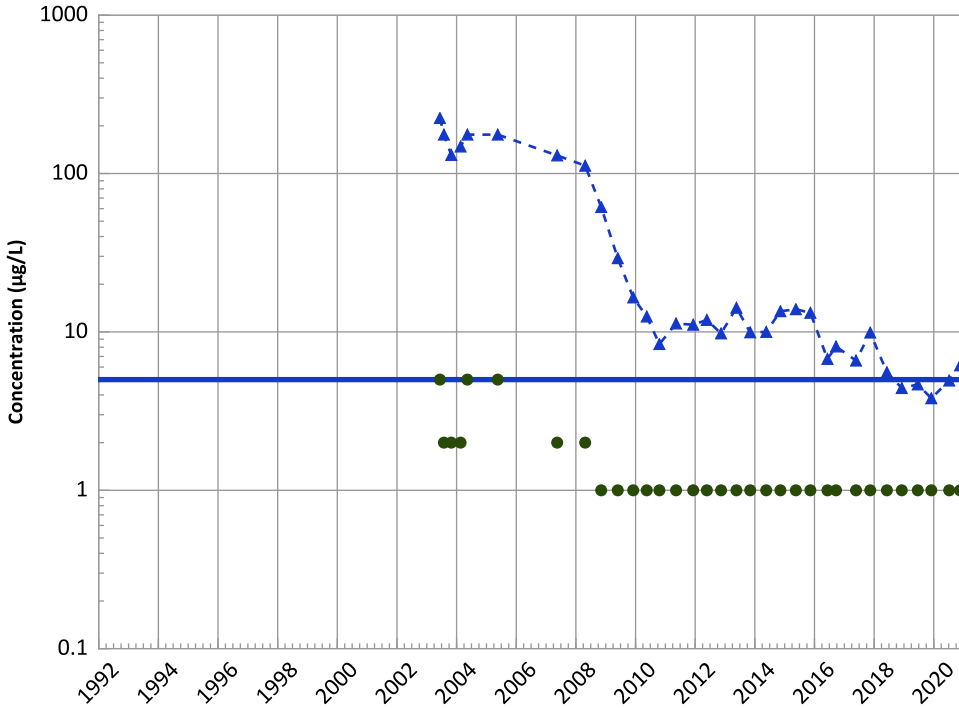
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

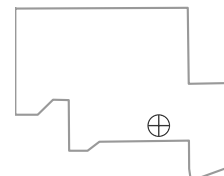
All Data:

Decreasing

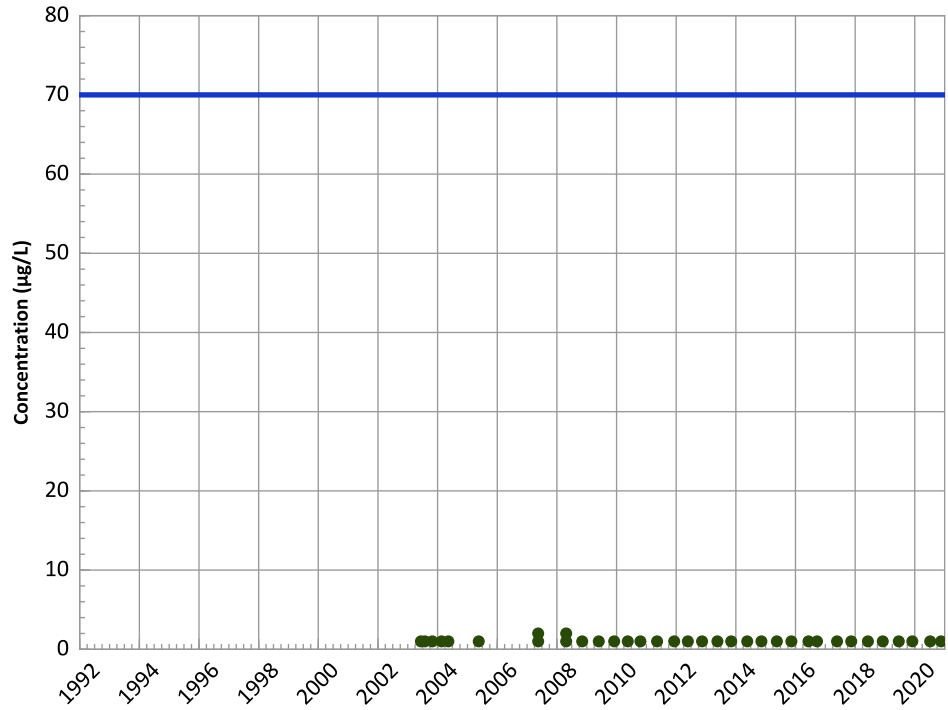
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

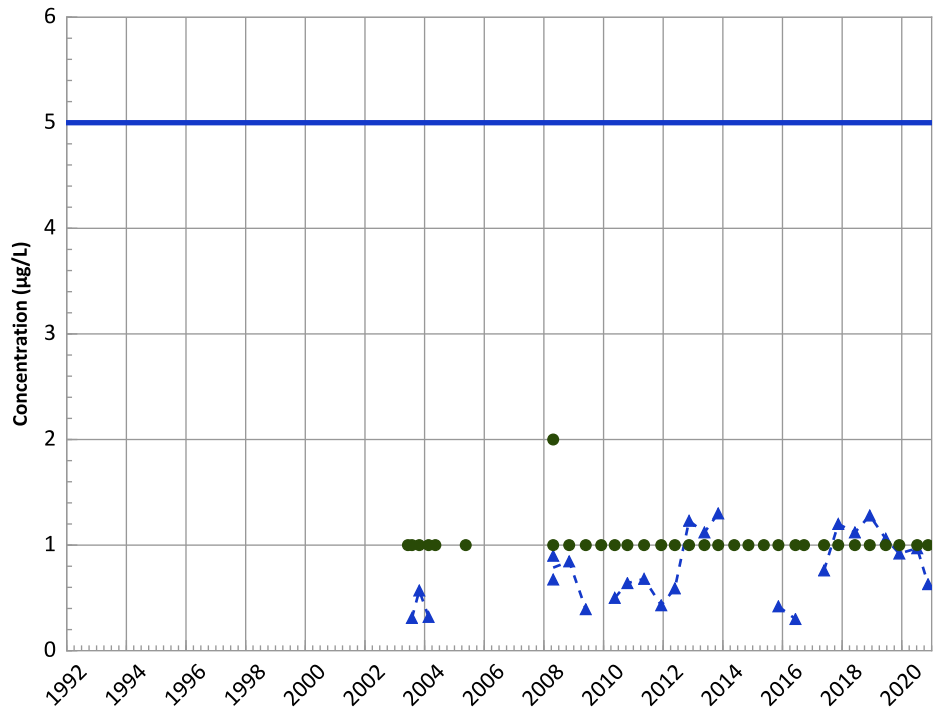
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Increasing

All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

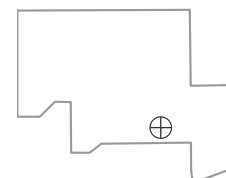
All Data:
Increasing

All Data:
Increasing

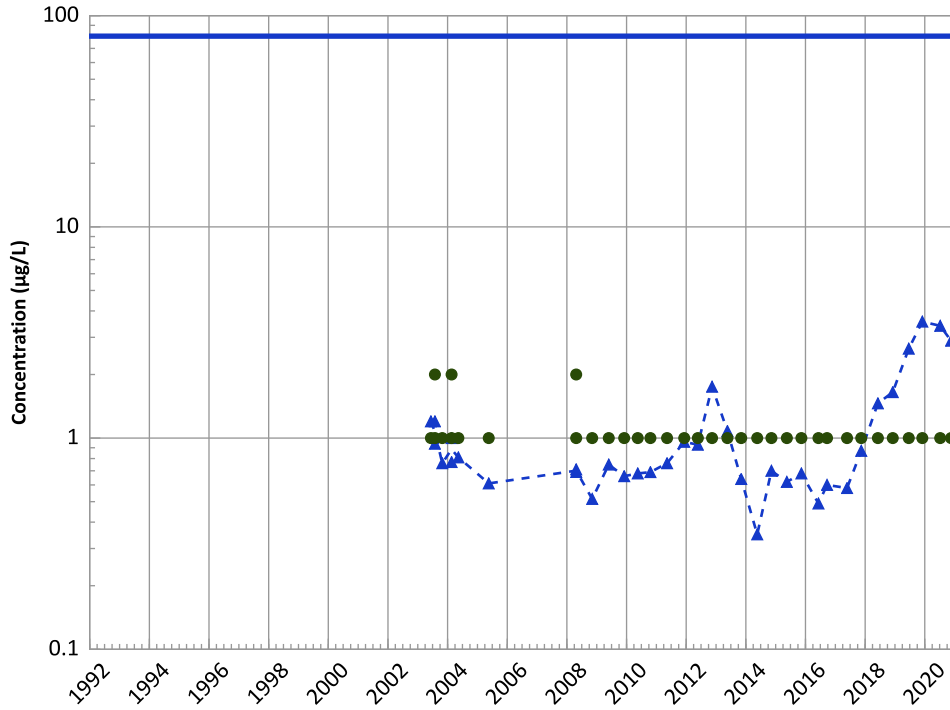
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend

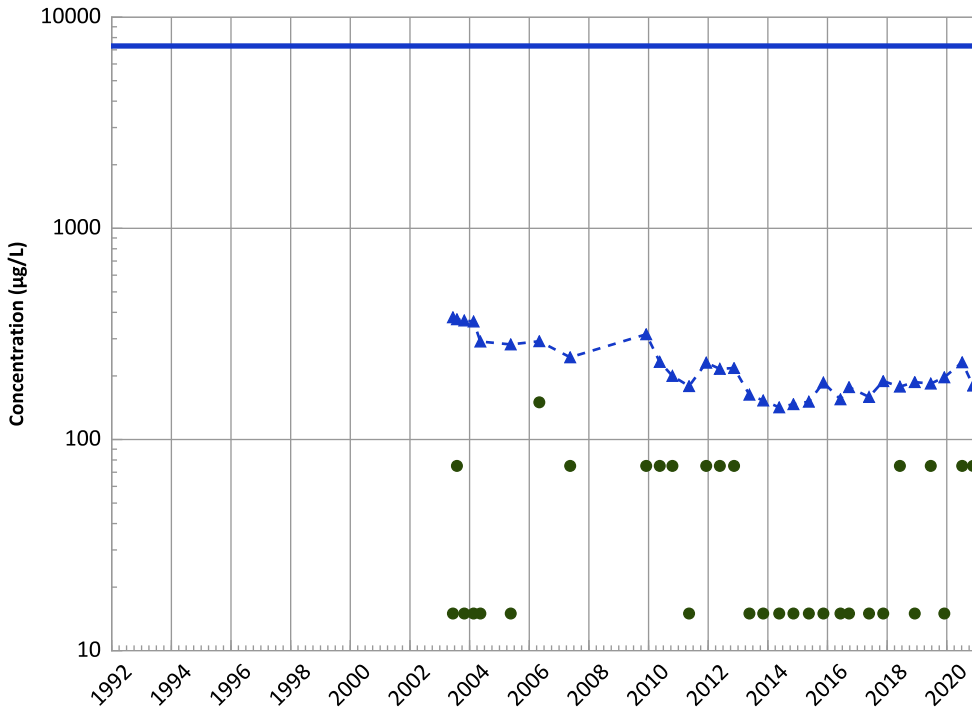


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Boron Trend



Concentration Trend

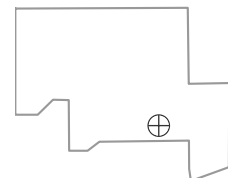
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

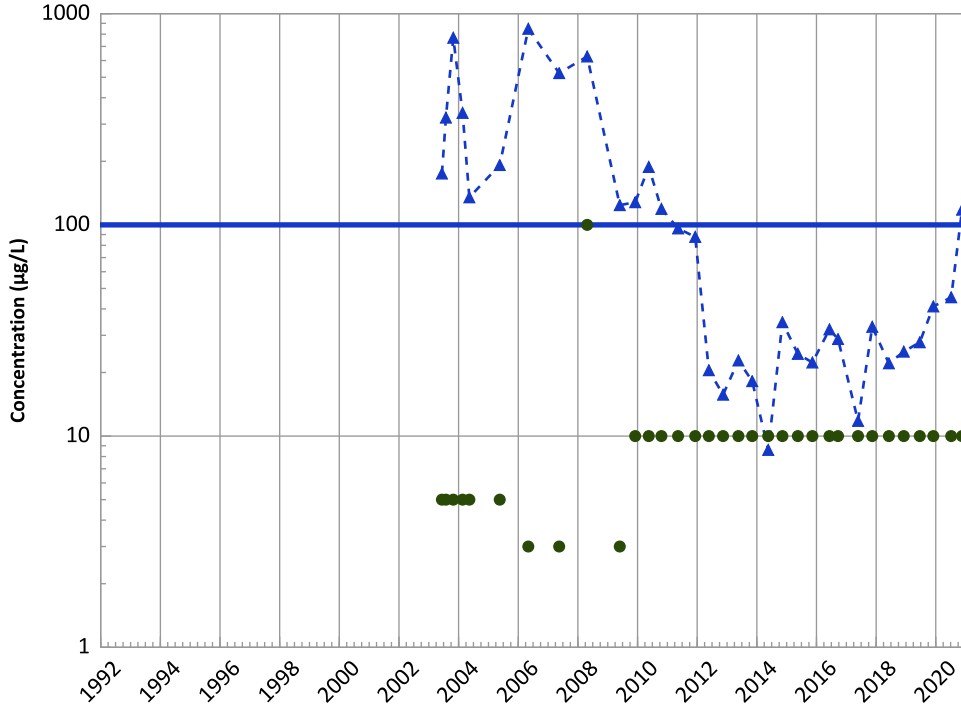
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

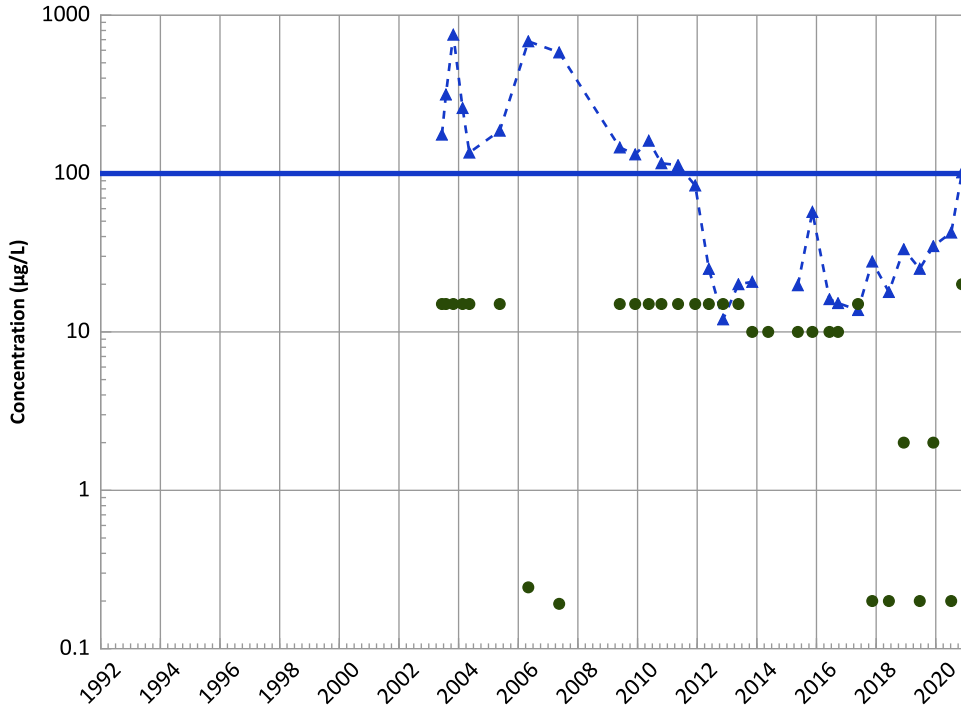


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

Chromium, Hexavalent Trend

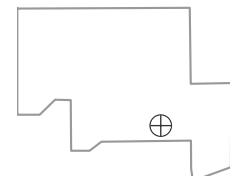


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

Well Location

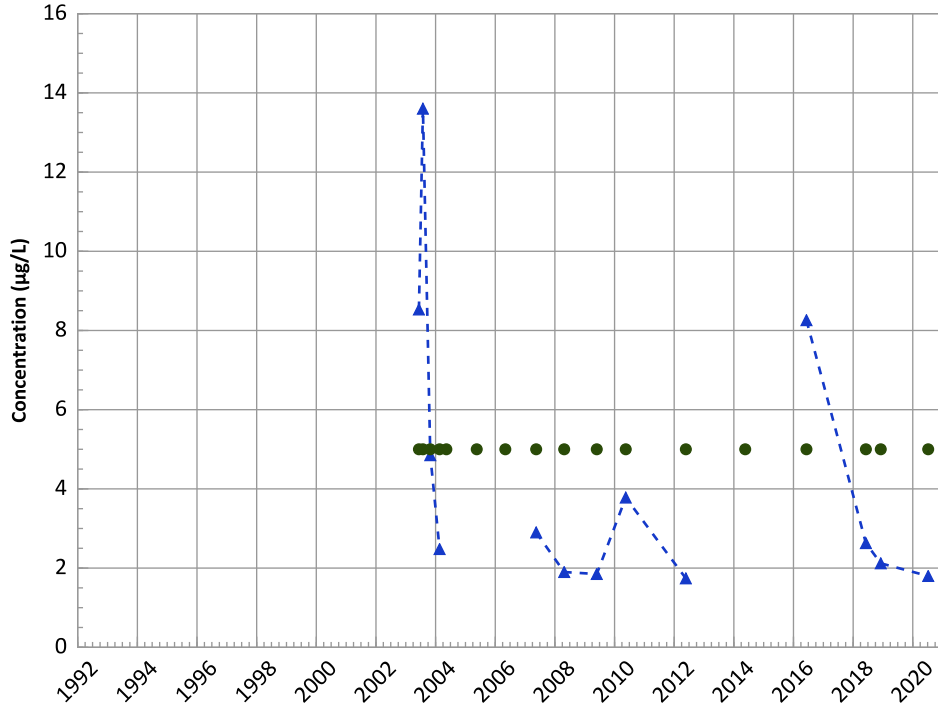


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

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

PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

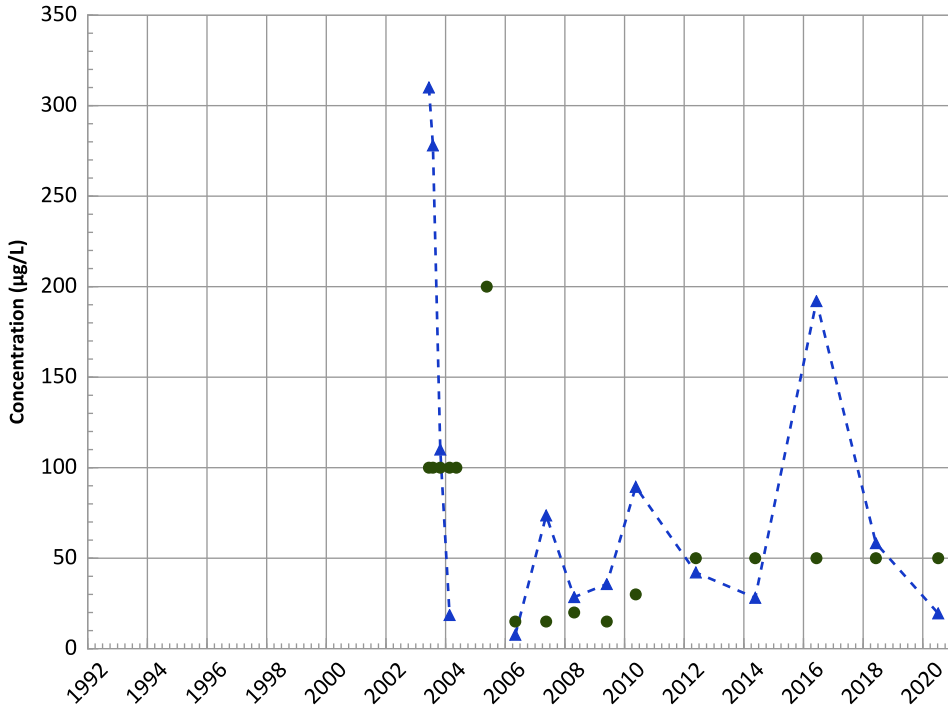
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

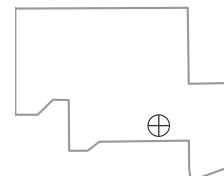
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

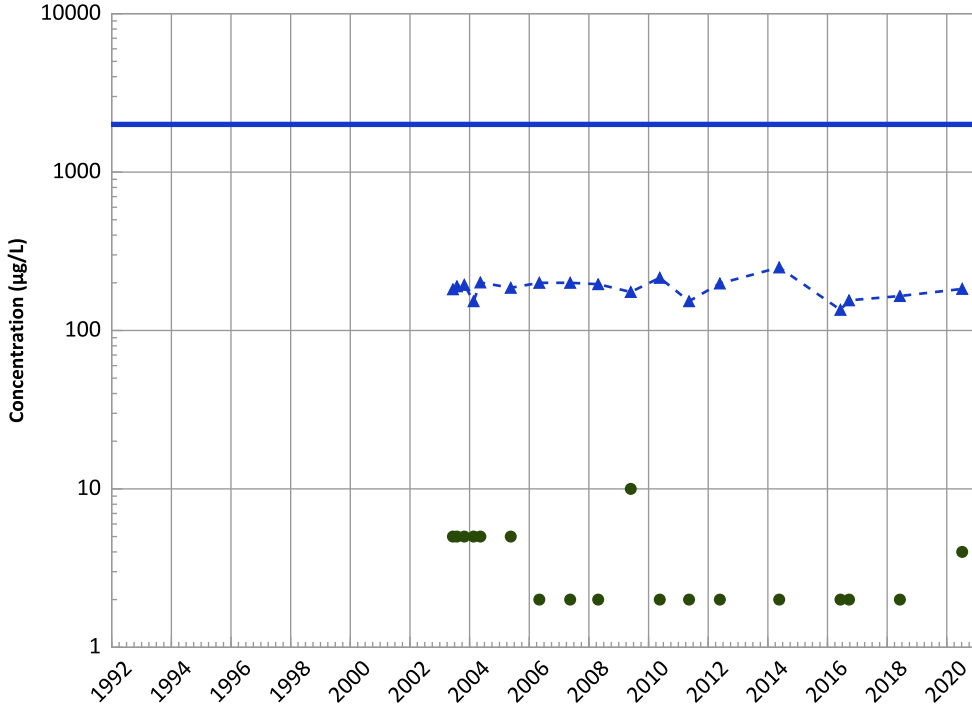
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

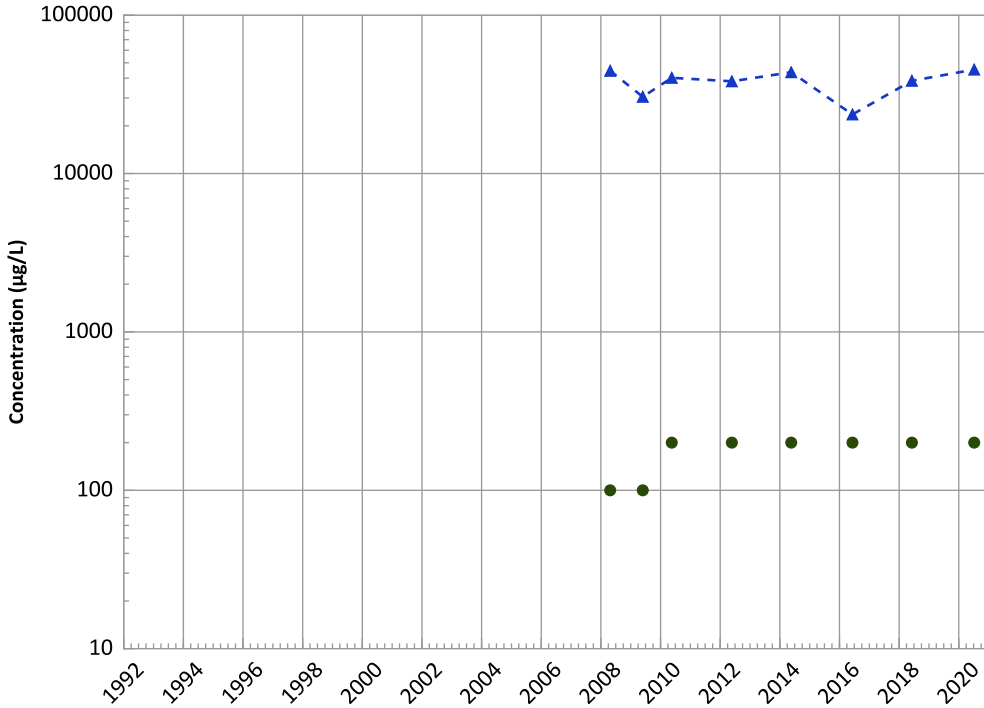
2018 - 2020 Data:

Increasing

All Data:

Stable

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

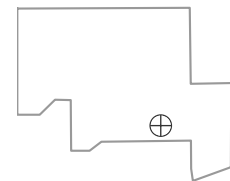
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Well Location

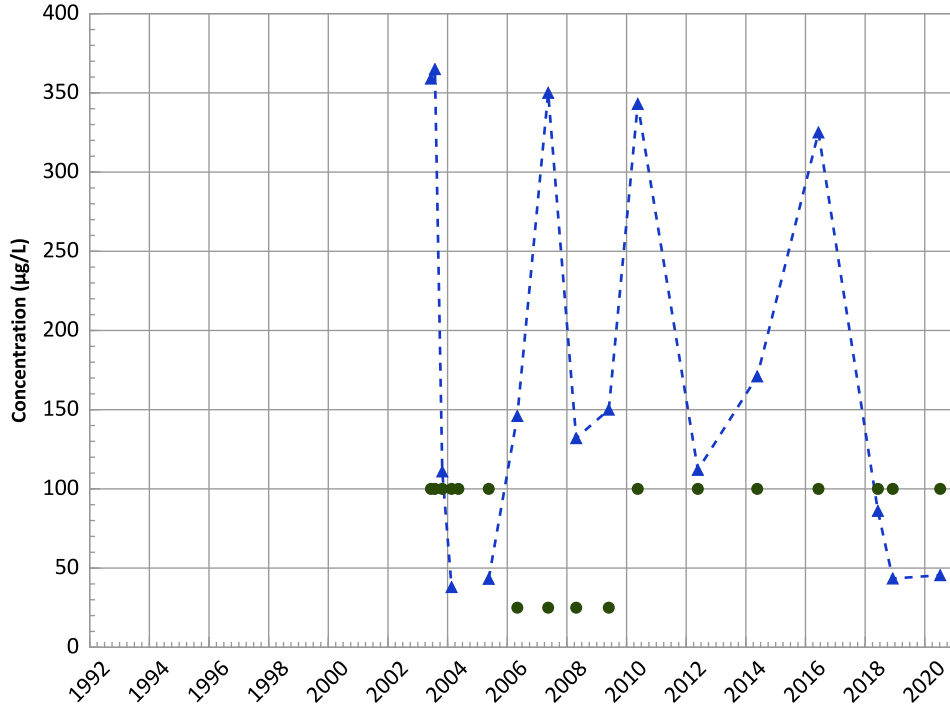


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

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

PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

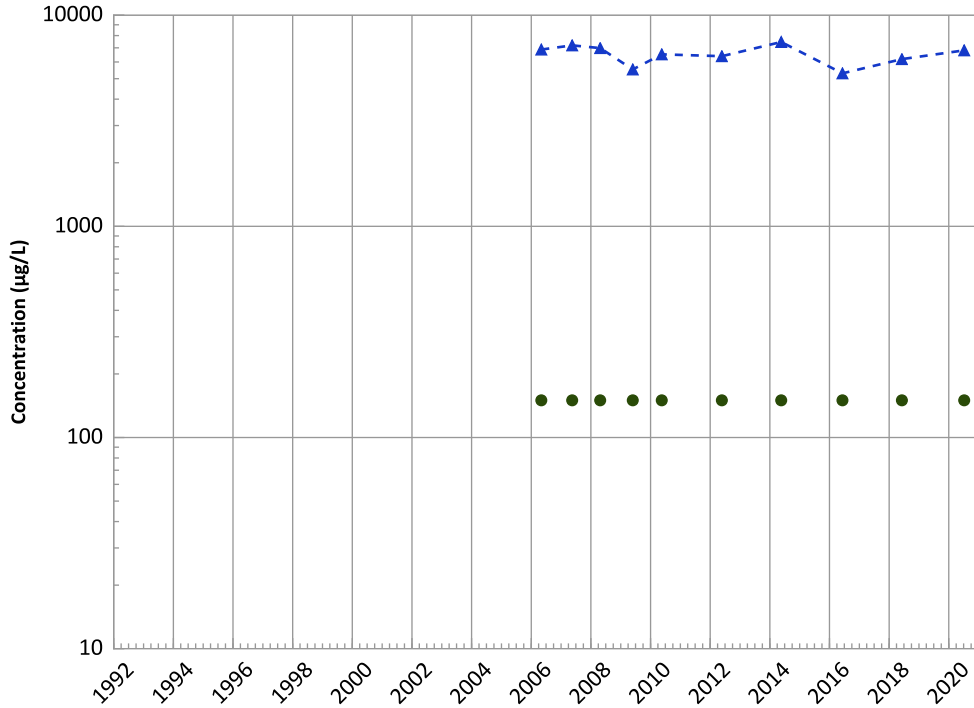
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

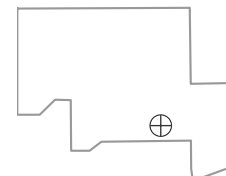
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

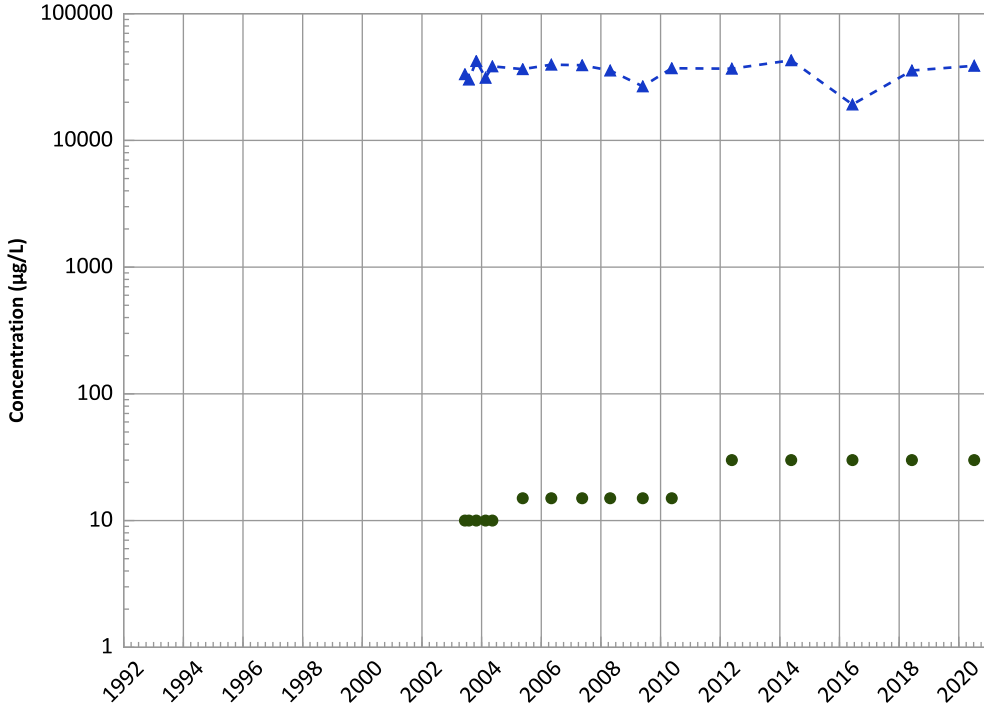
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

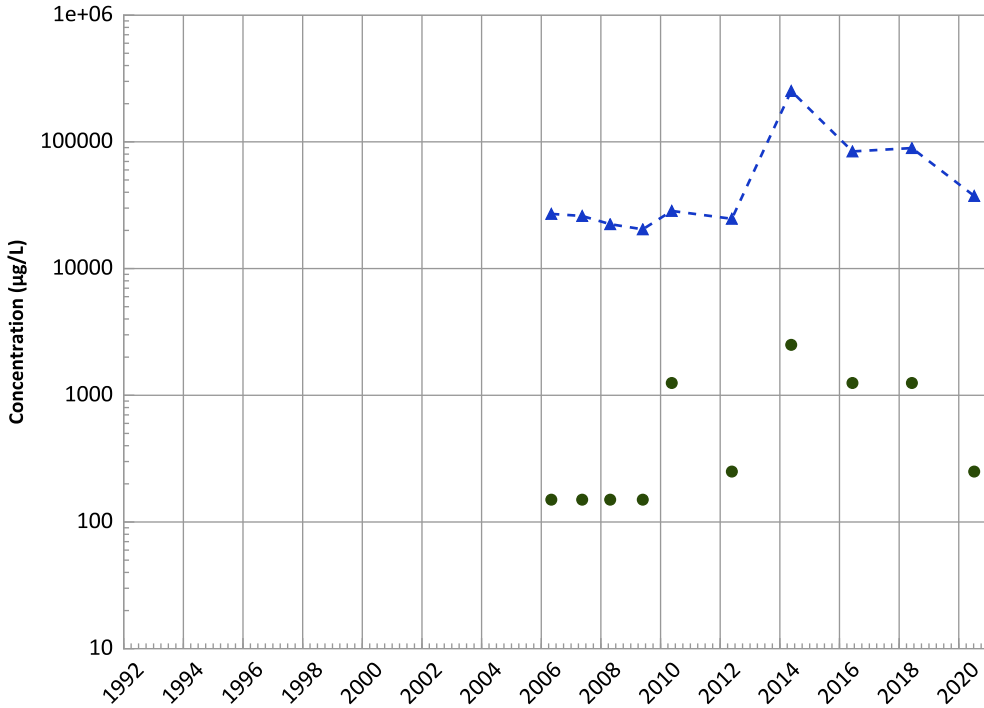
2018 - 2020 Data:

No Trend

All Data:

Stable

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Probably Increasing

MAROS Linear Regression Method

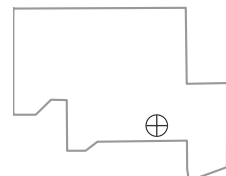
2018 - 2020 Data:

Decreasing

All Data:

Increasing

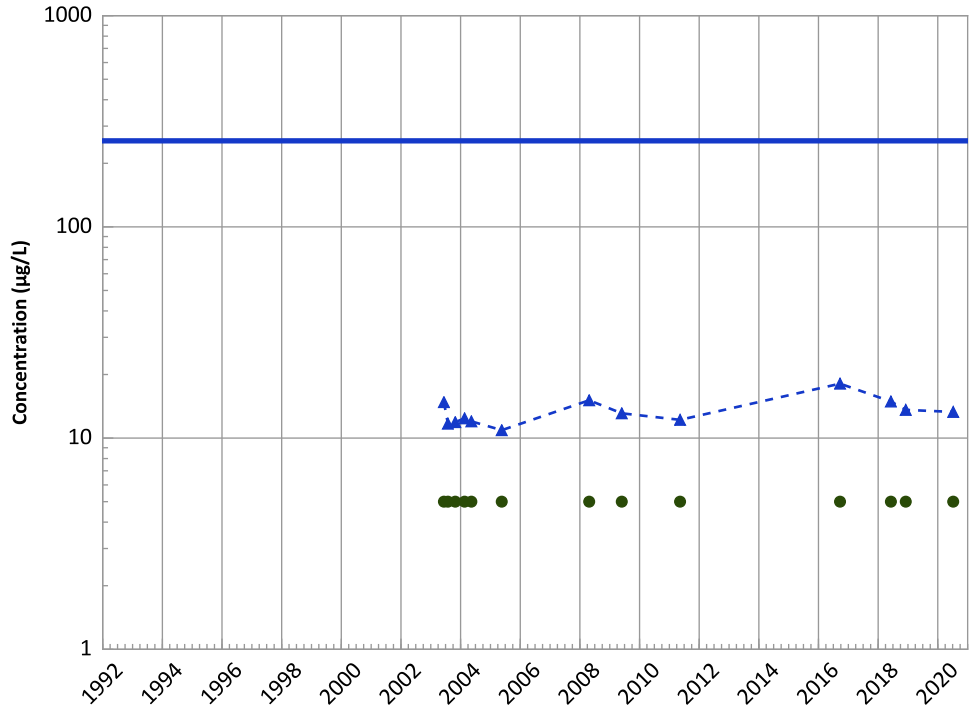
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/11/2003 to 11/18/2020
Analysis Date: 06/03/2021

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

PTX06-1088 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend

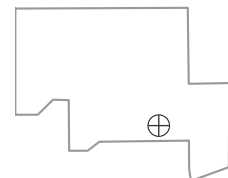


Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 Decreasing
 All Data:
 Probably Increasing
 MAROS Linear Regression Method
 2018 - 2020 Data:
 Probably Decreasing
 All Data:
 Increasing

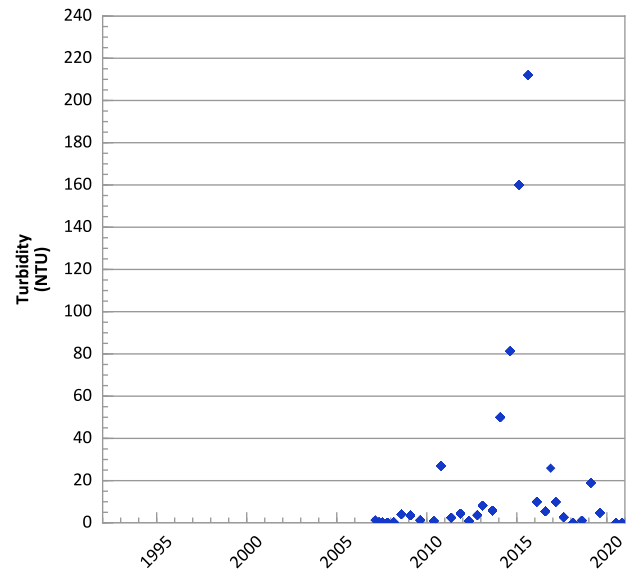
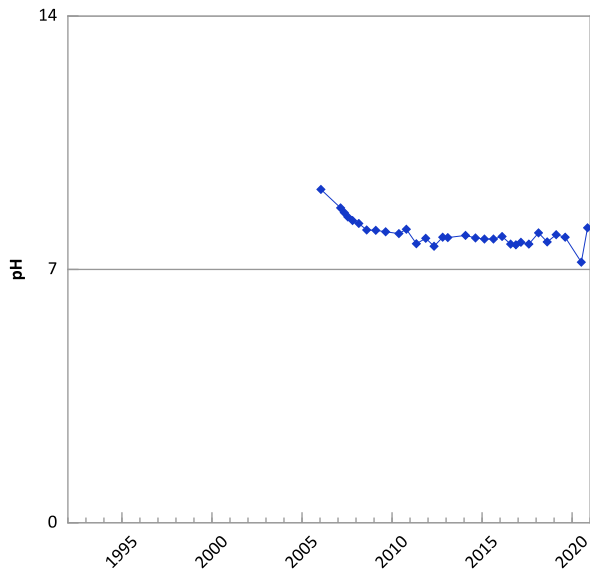
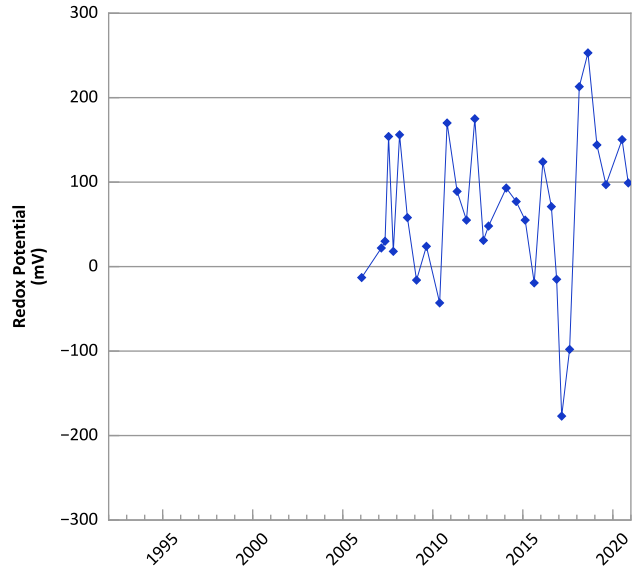
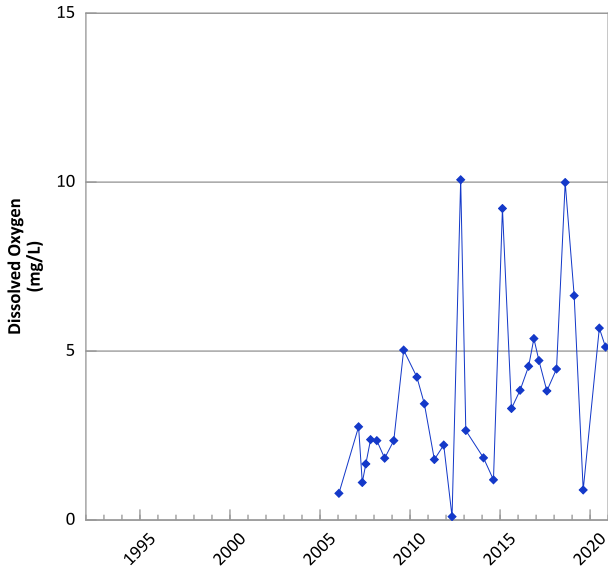
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/11/2003 to 11/18/2020
 Analysis Date: 06/03/2021

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

Well Location

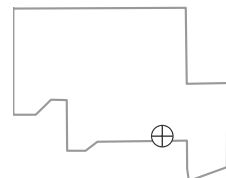


**PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



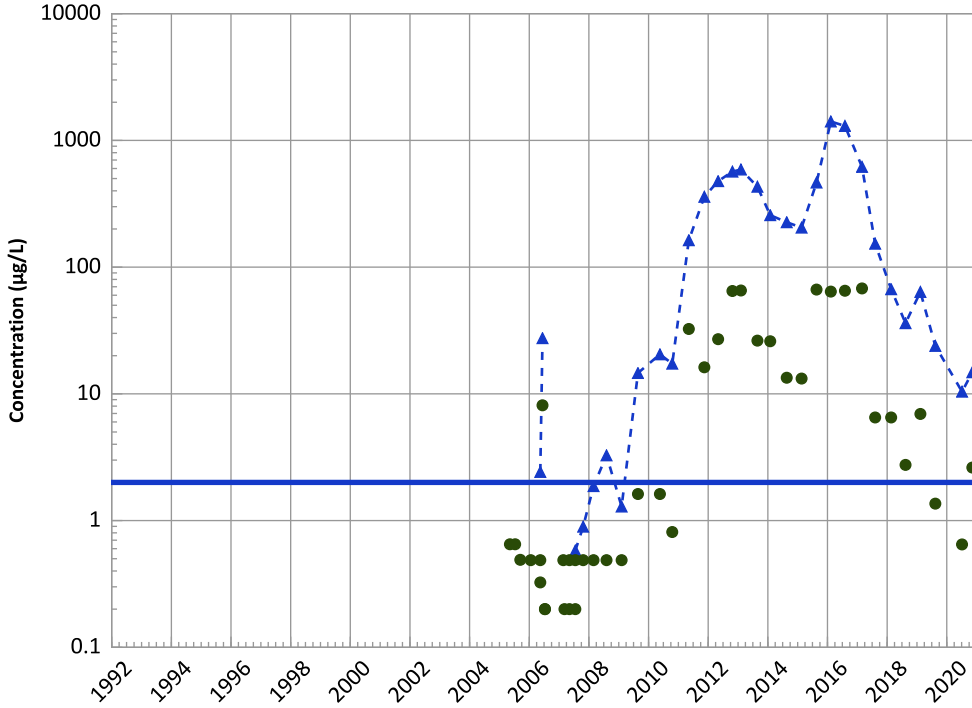
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 05/09/2005 to 11/09/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

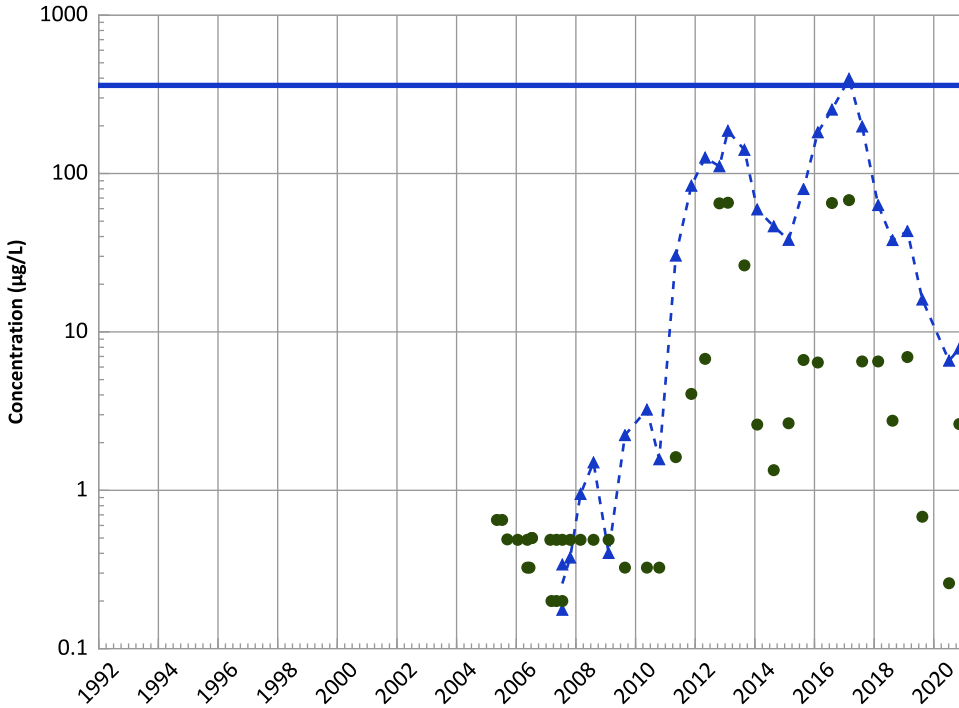
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

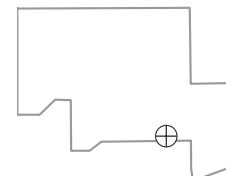
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

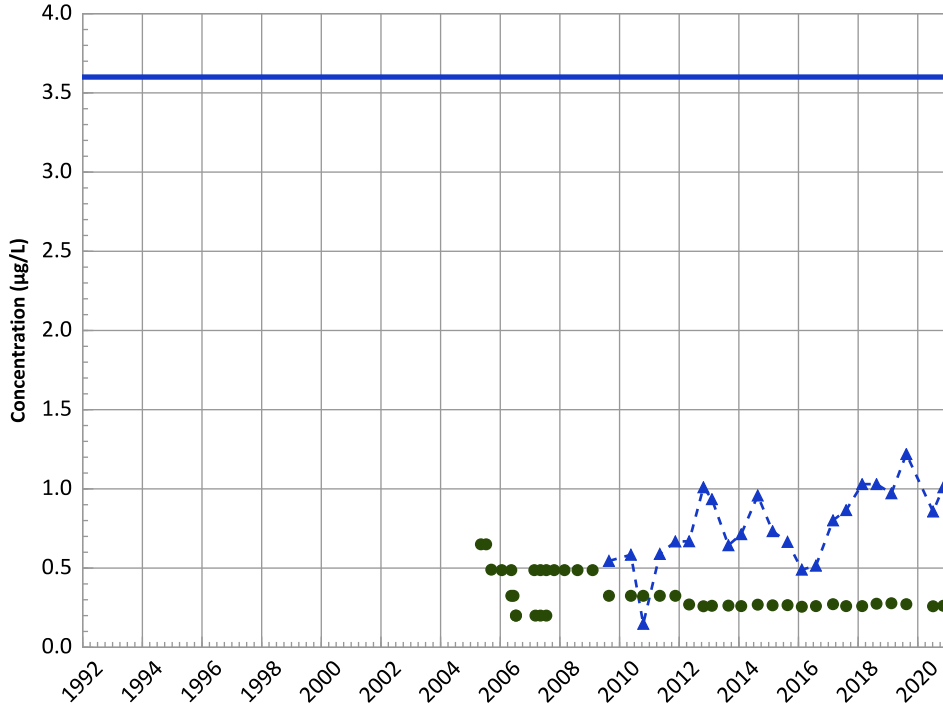
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

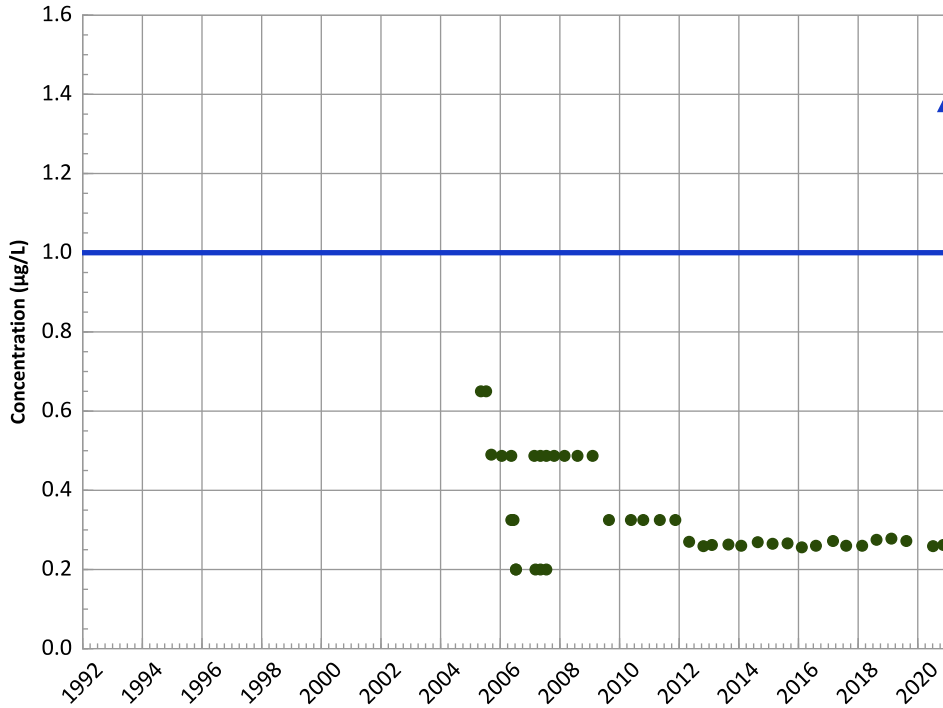
2018 - 2020 Data:

Decreasing

All Data:

Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

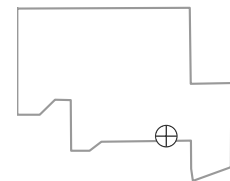
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

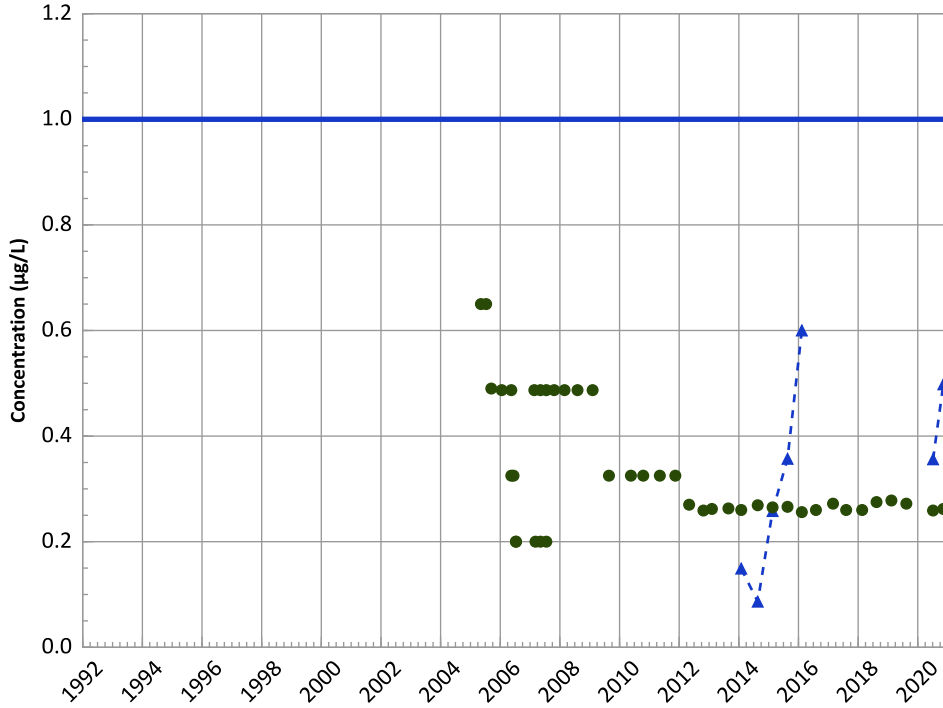


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

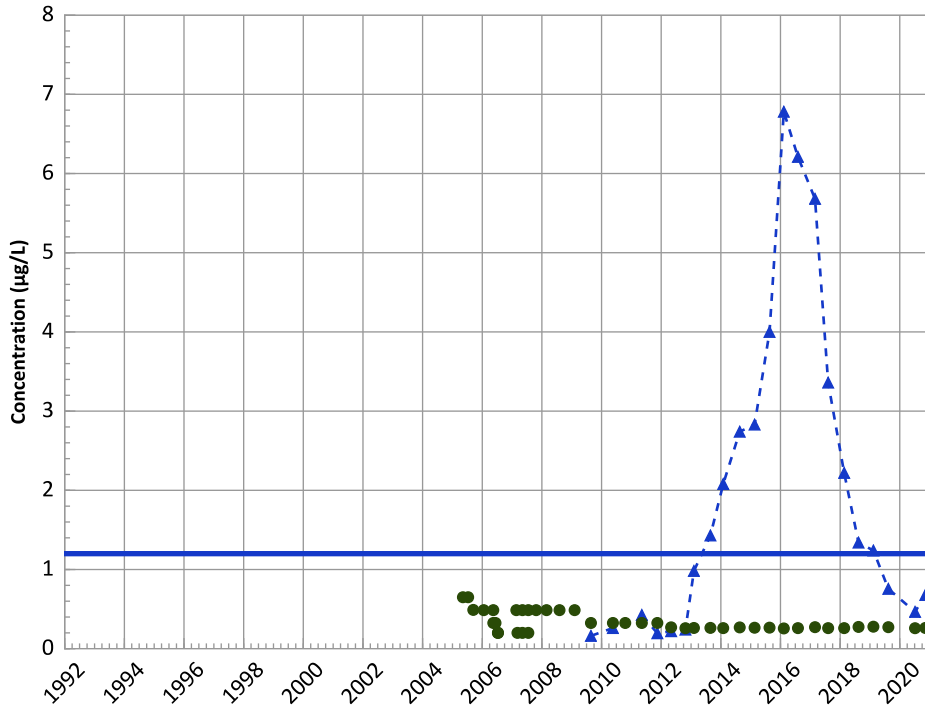


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

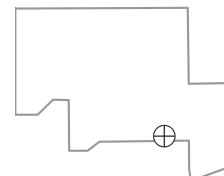
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

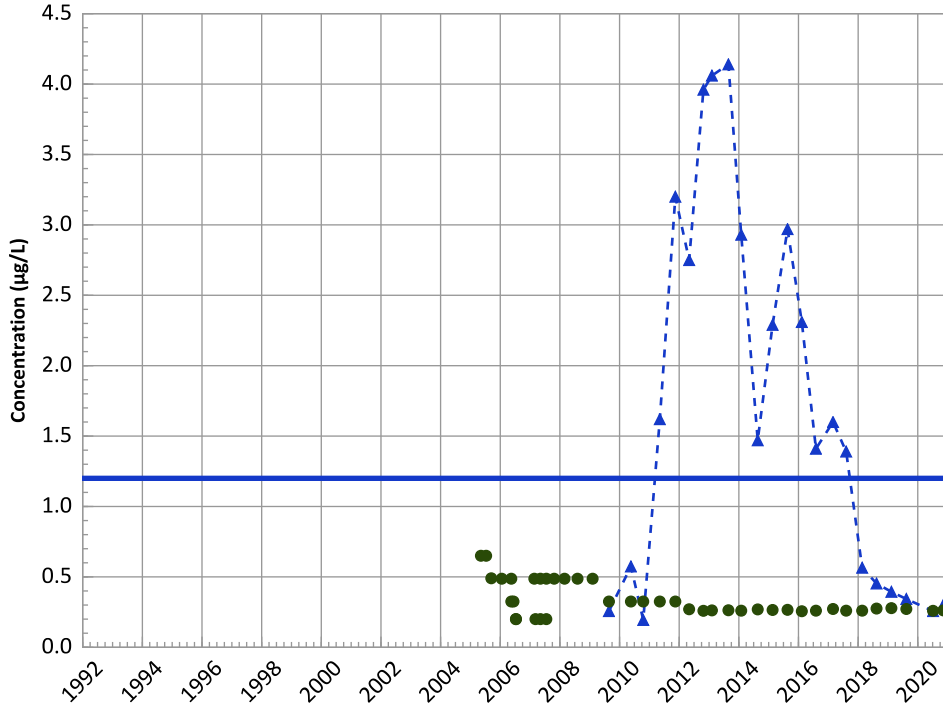
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

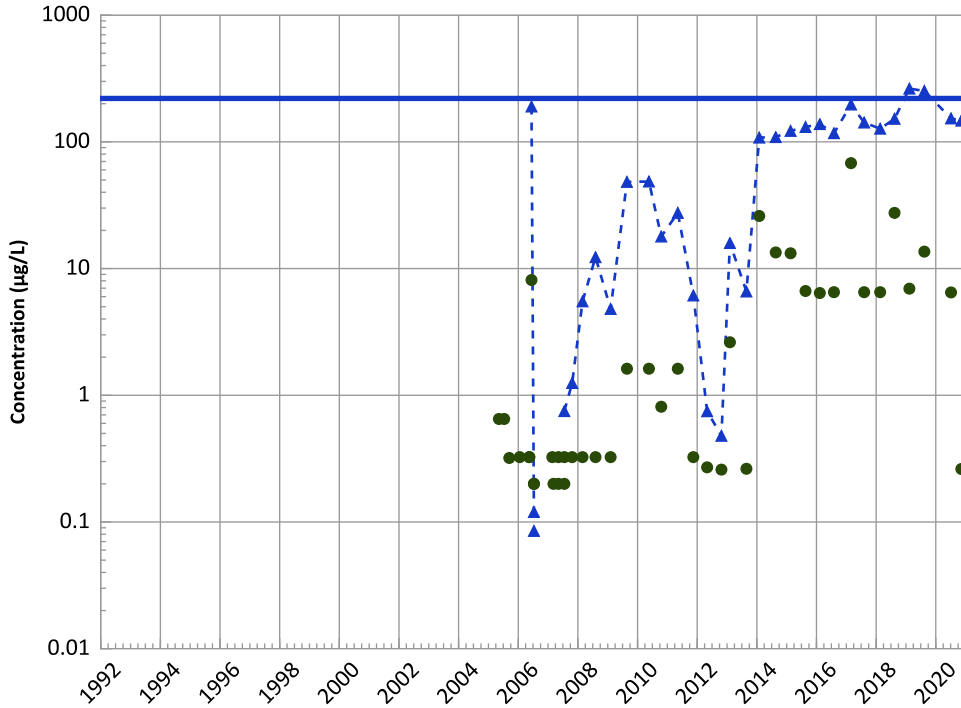
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

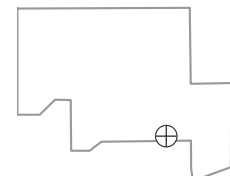
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Well Location

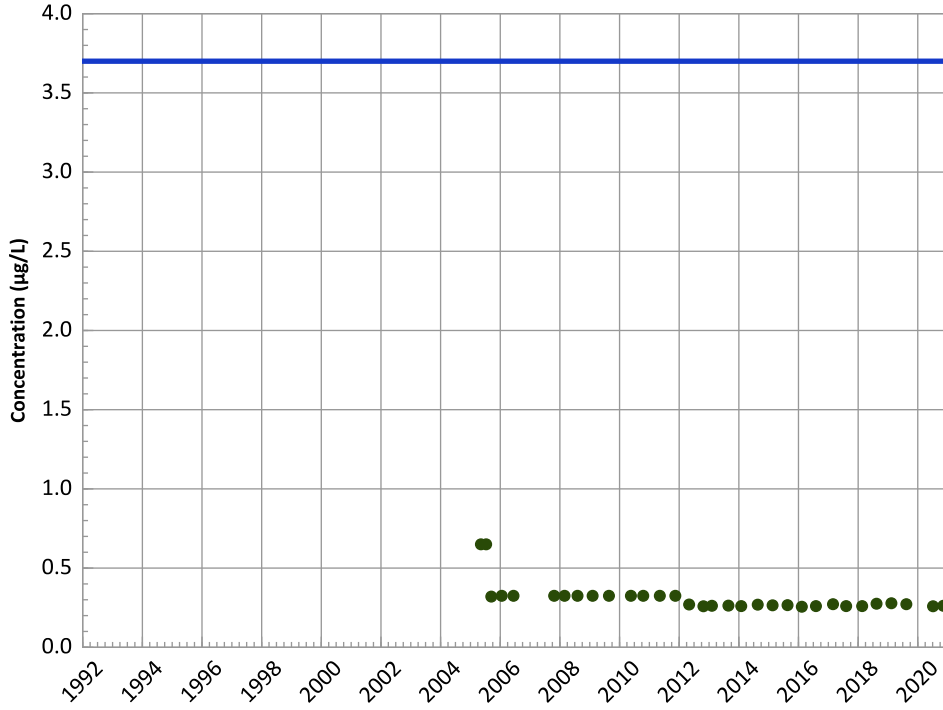


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

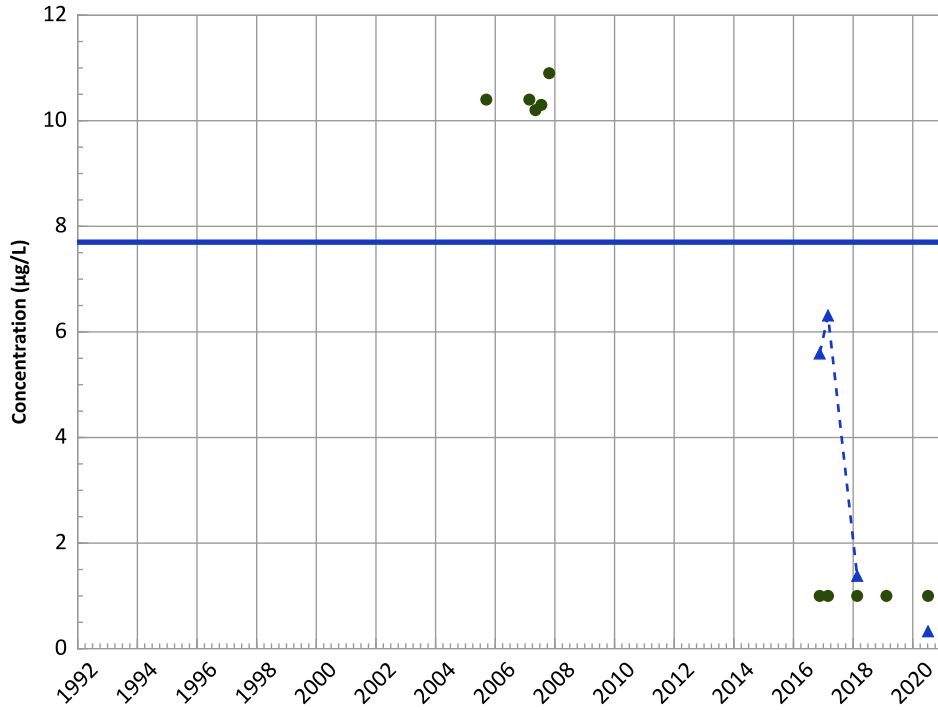
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

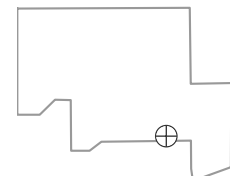
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

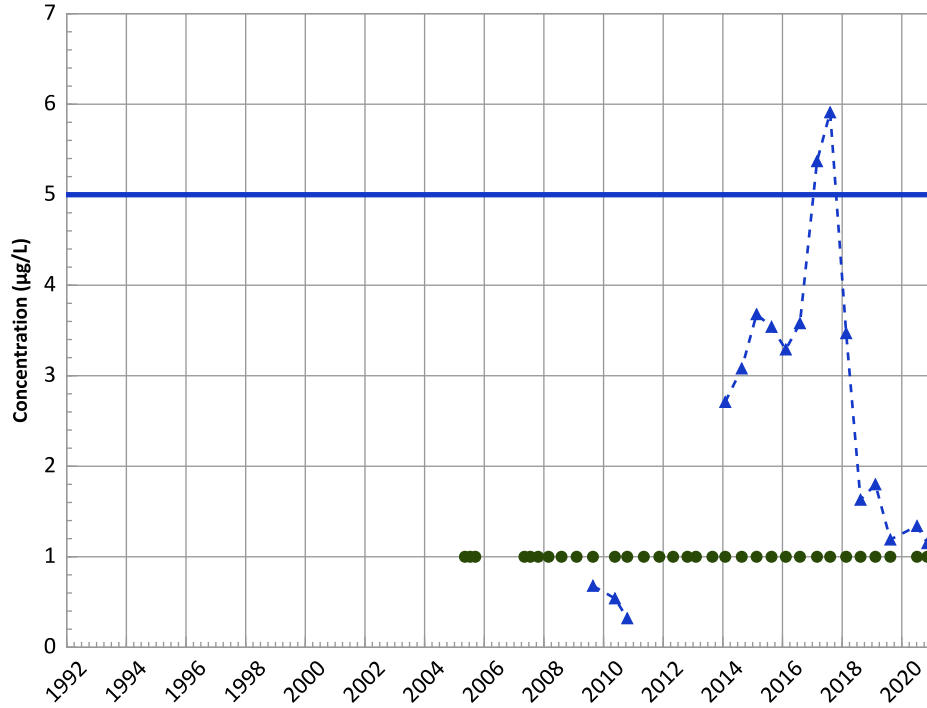
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

**PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

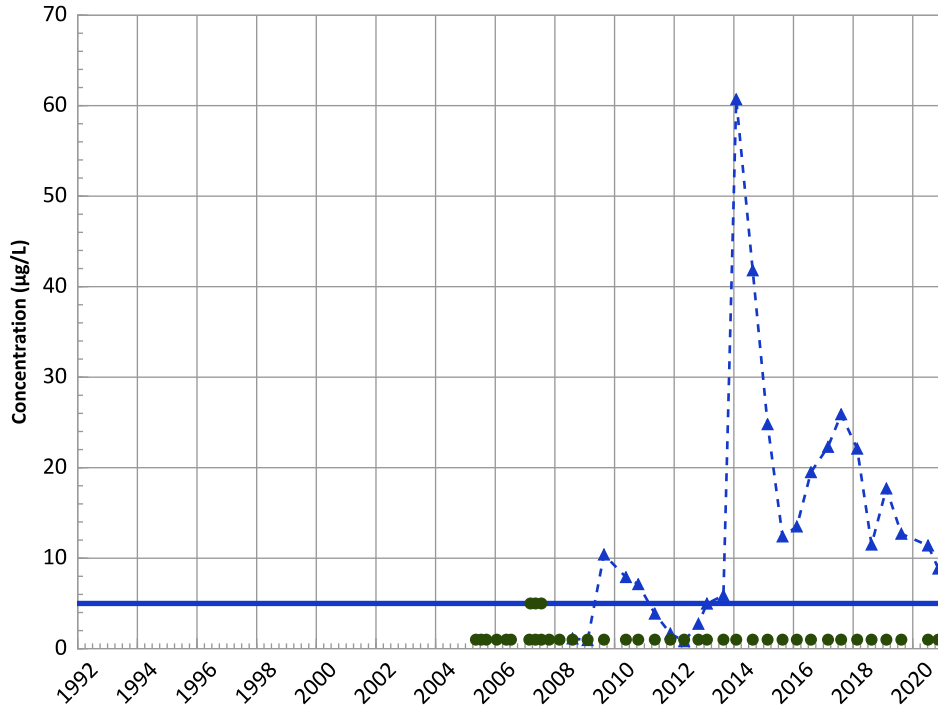
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Increasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Increasing

MAROS Linear Regression Method

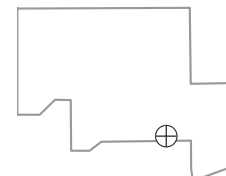
2018 - 2020 Data:
Decreasing

All Data:
Increasing

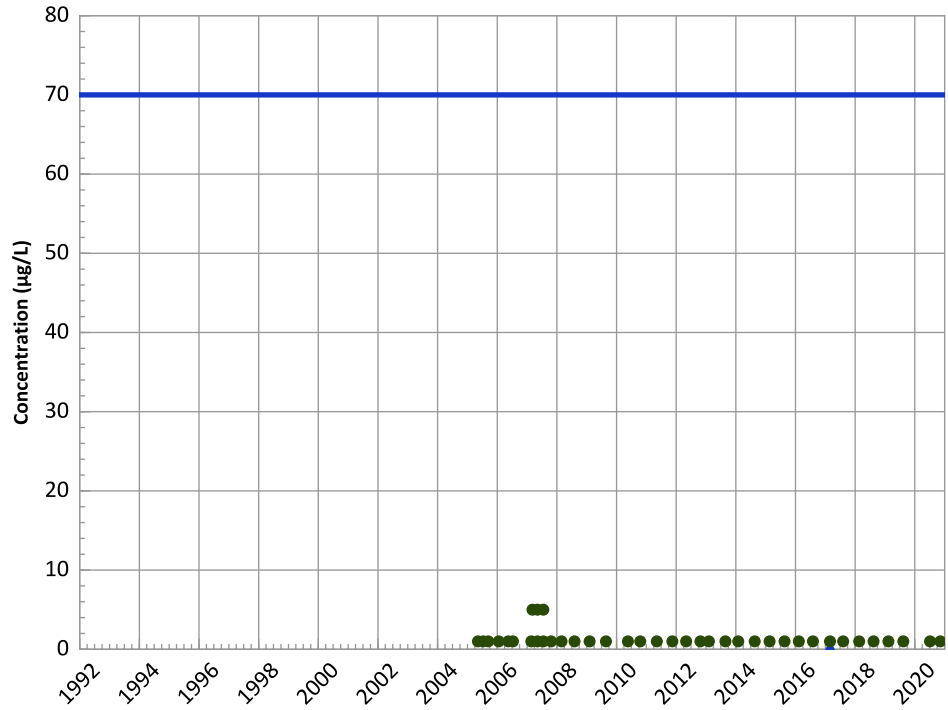
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**

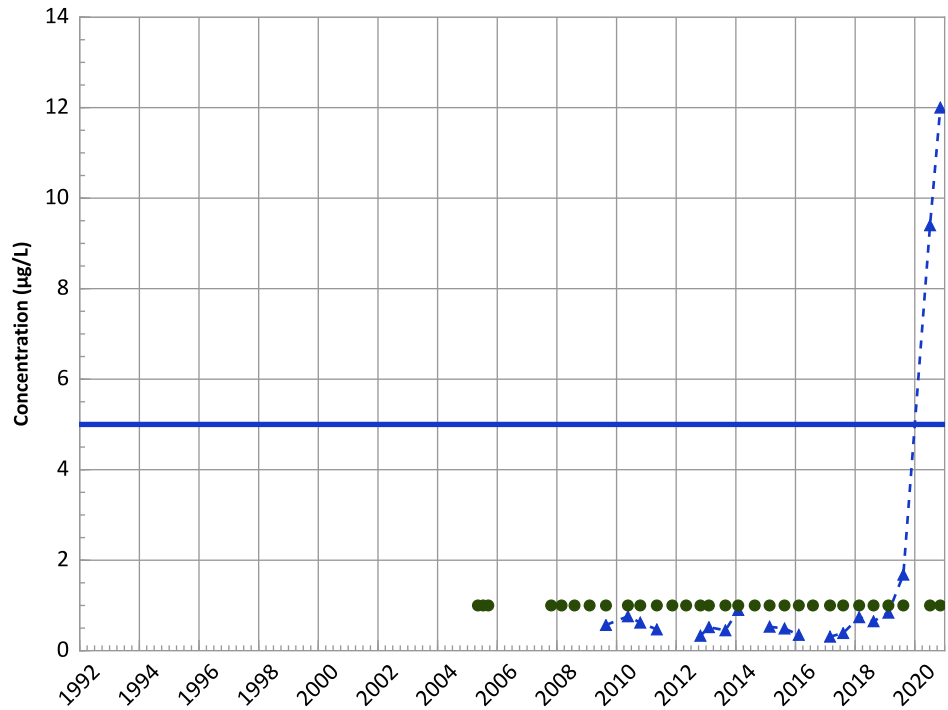


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

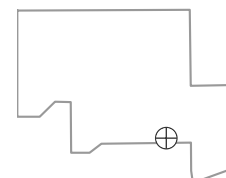
MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

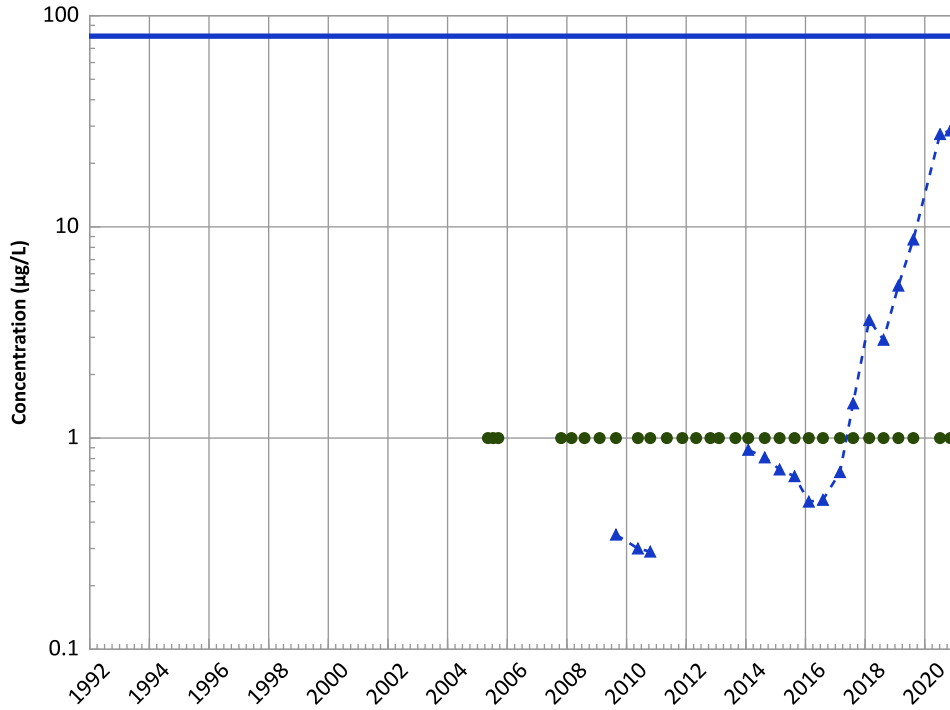
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

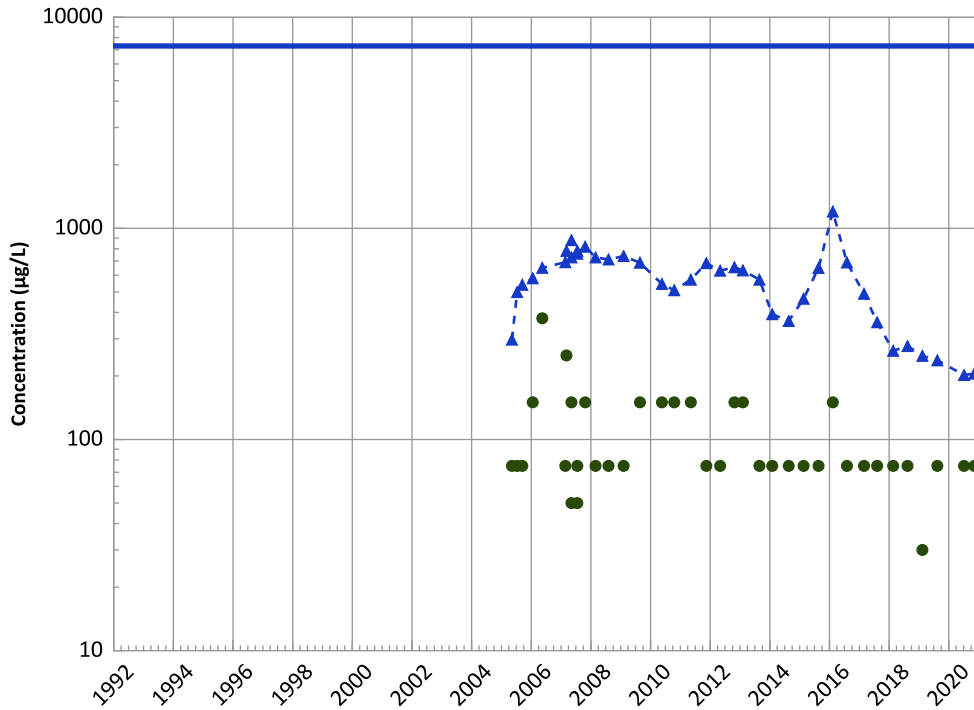
2018 - 2020 Data:

No Trend

All Data:

Increasing

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

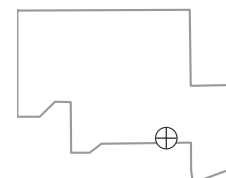
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Well Location

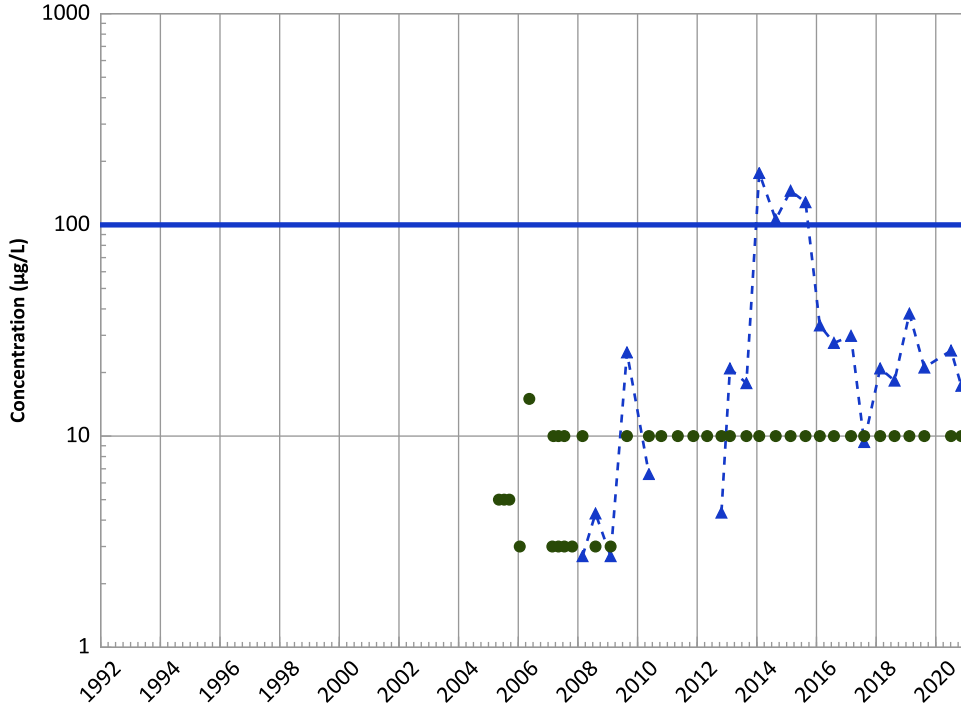


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

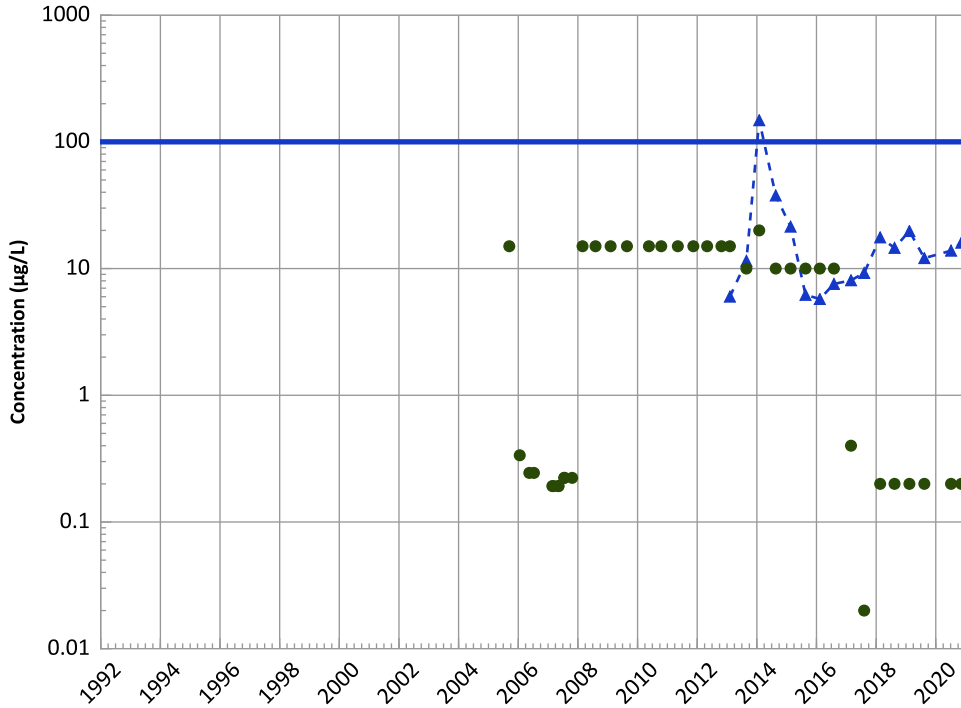
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

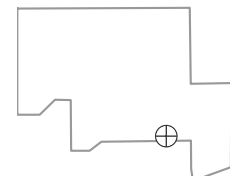
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

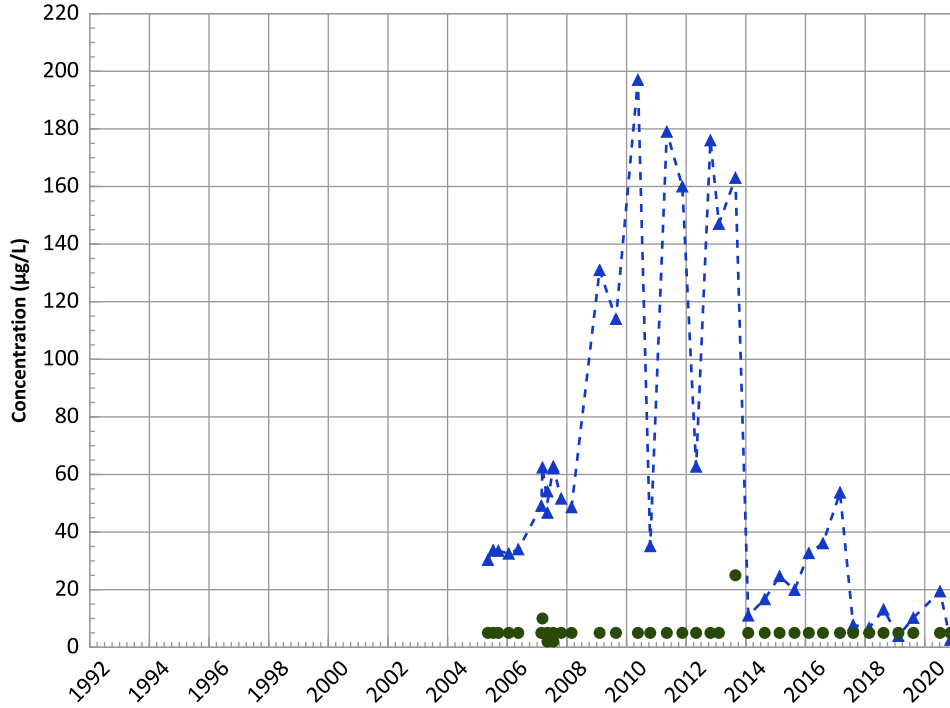


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

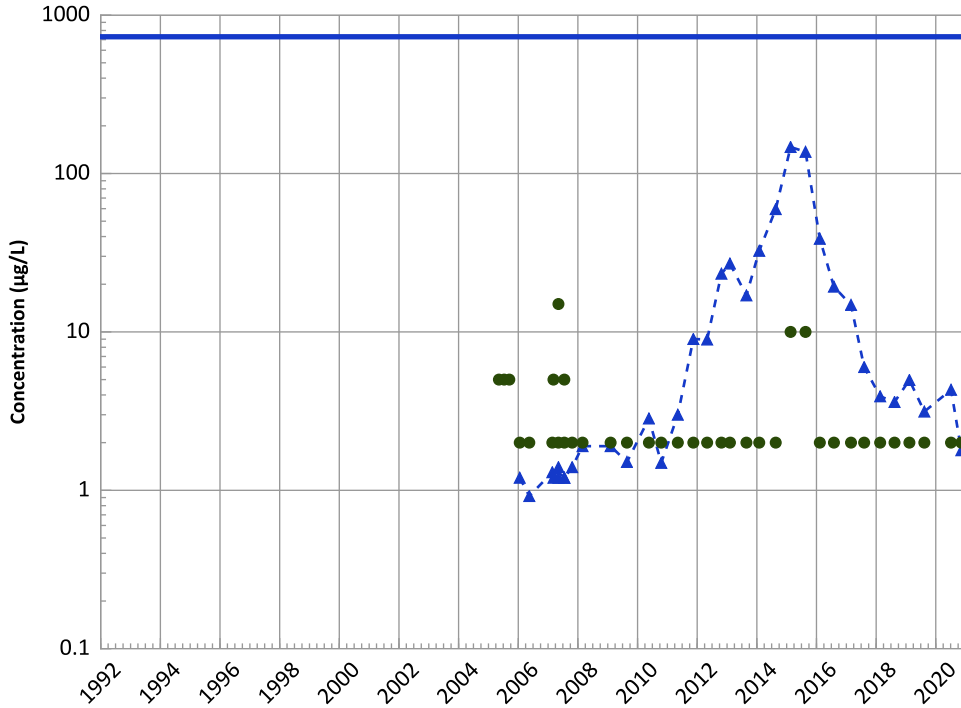
2018 - 2020 Data:

Stable

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

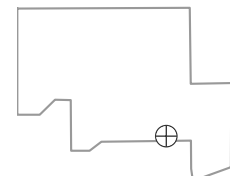
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Well Location

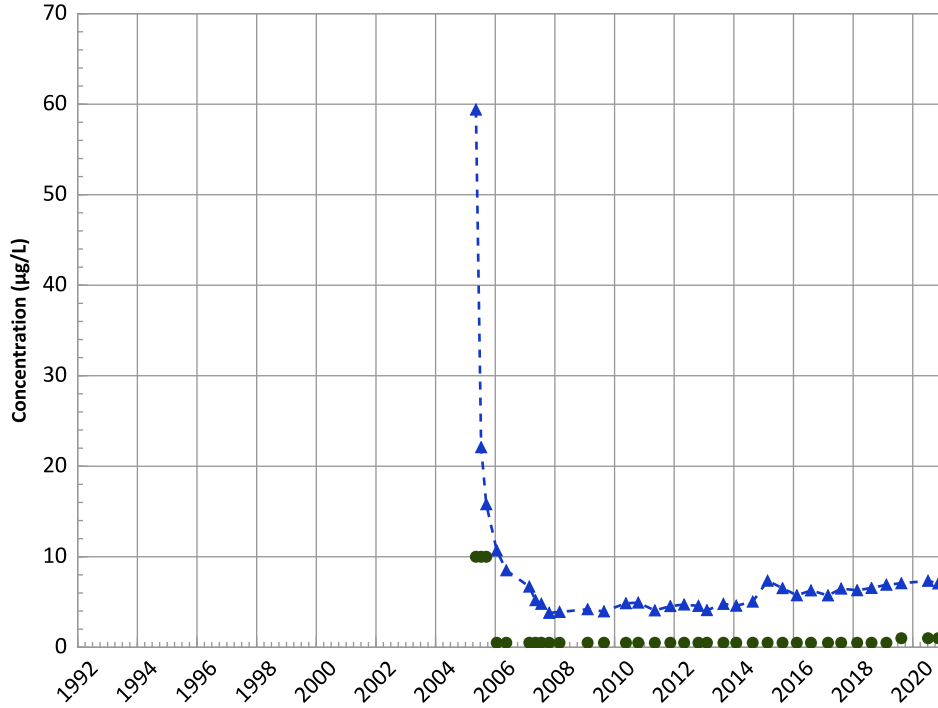


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

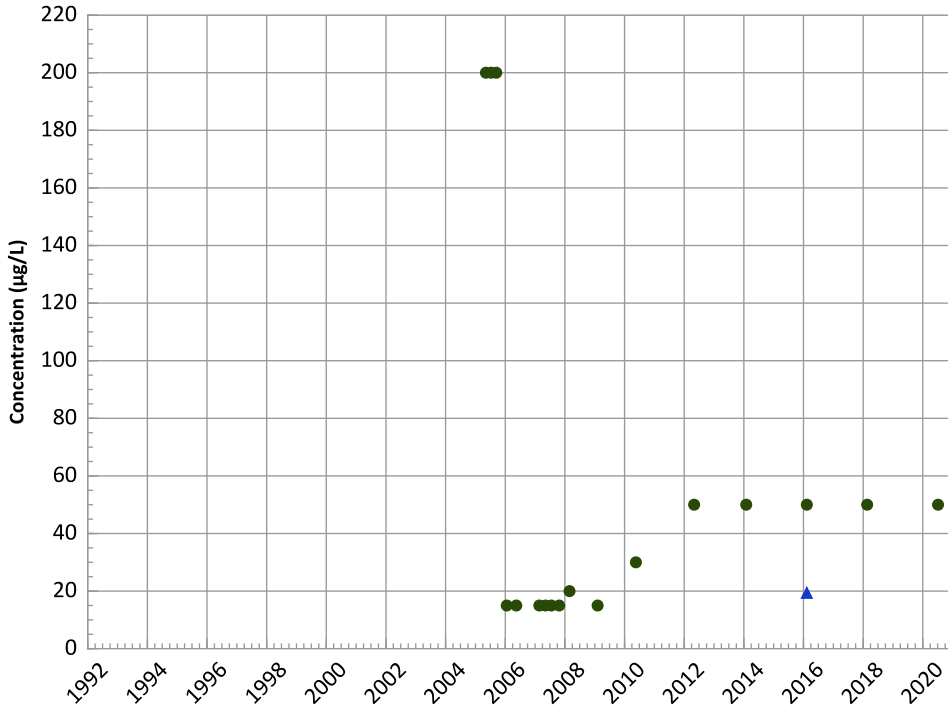
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

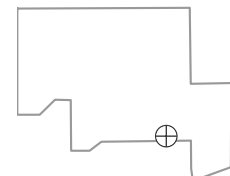
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

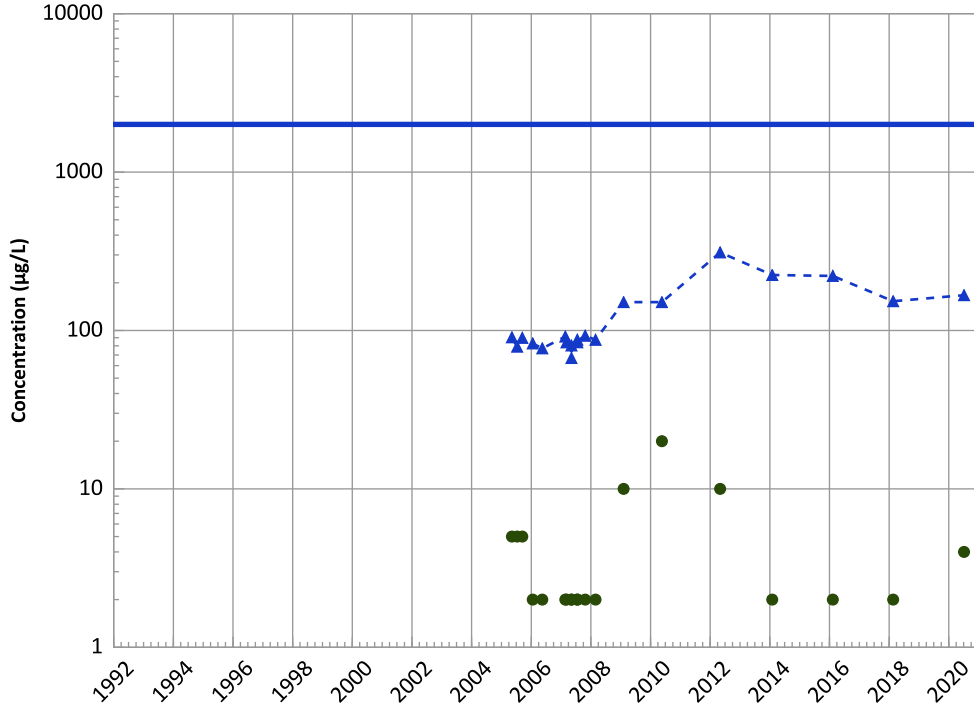


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

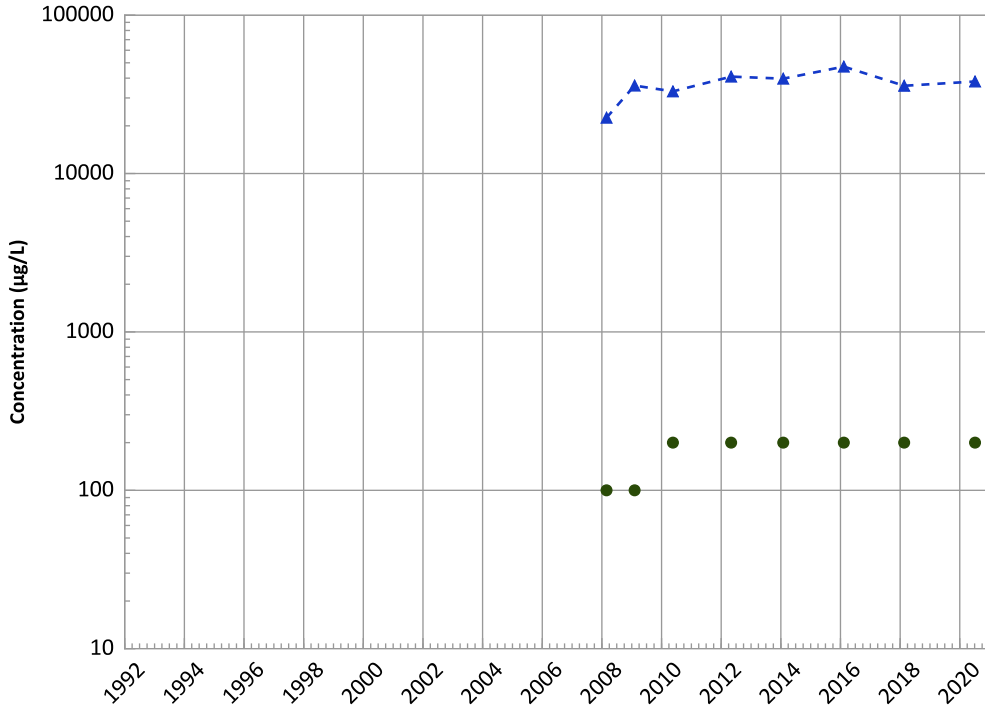
2018 - 2020 Data:

Stable

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

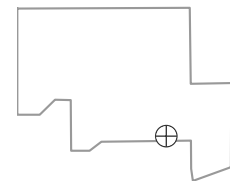
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Well Location

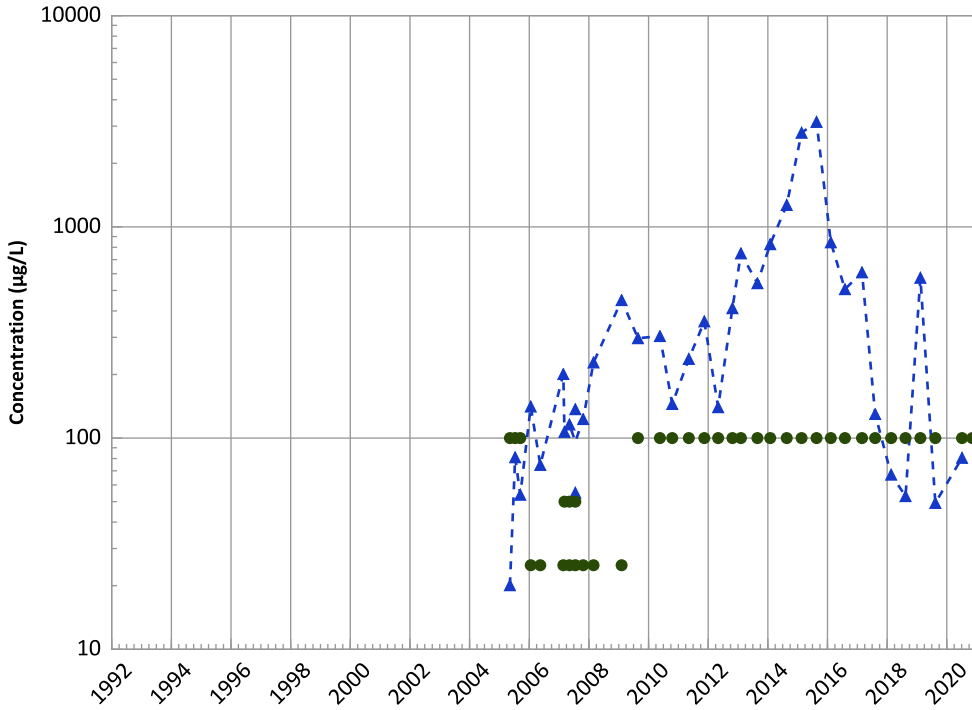


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

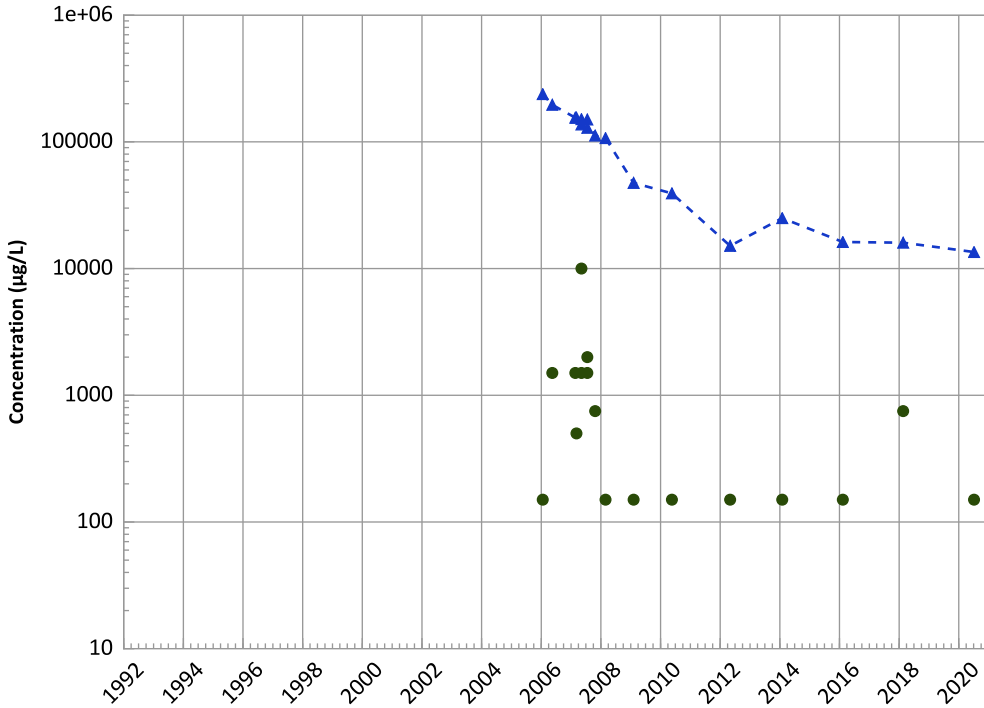
2018 - 2020 Data:

No Trend

All Data:

Increasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

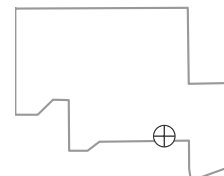
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

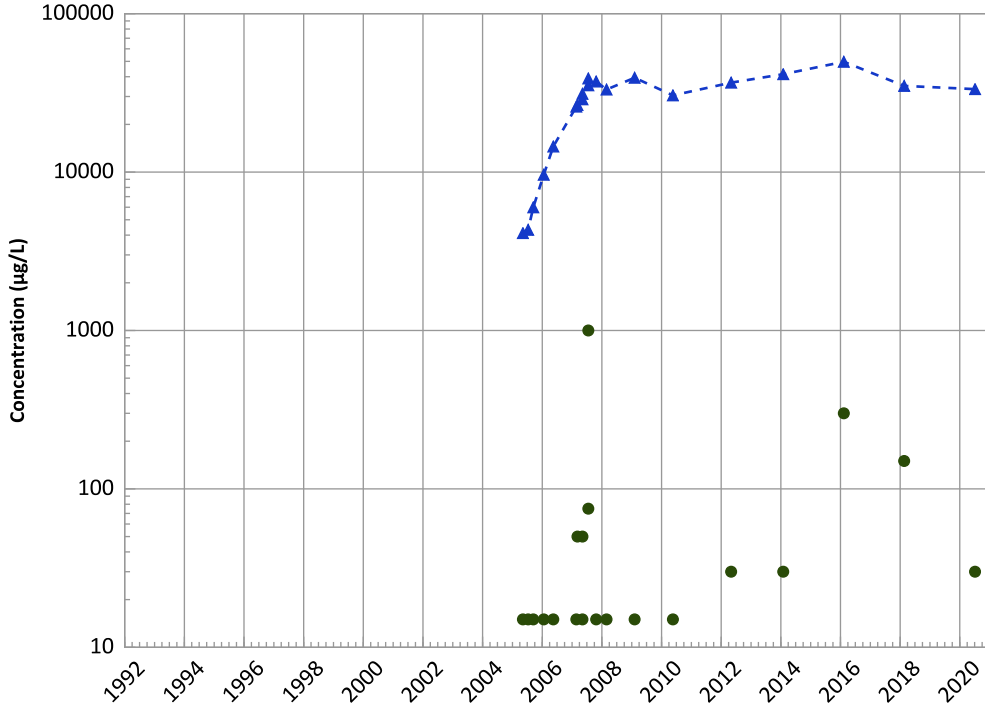
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

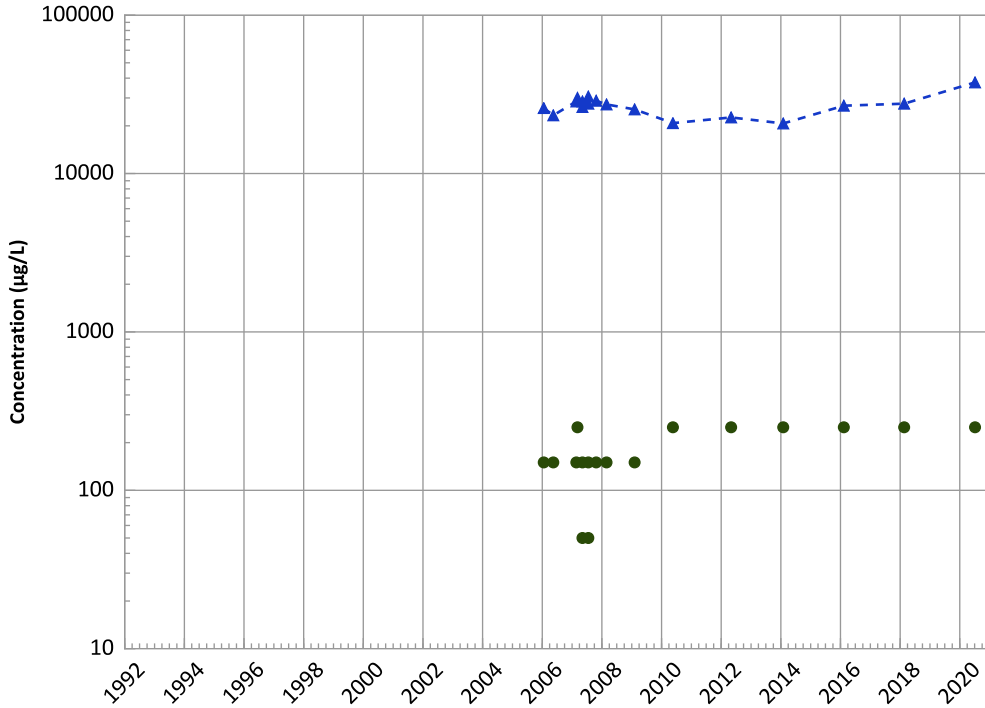
2018 - 2020 Data:

Stable

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

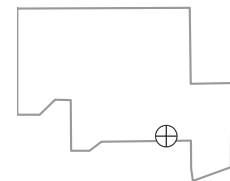
2018 - 2020 Data:

Probably Increasing

All Data:

No Trend

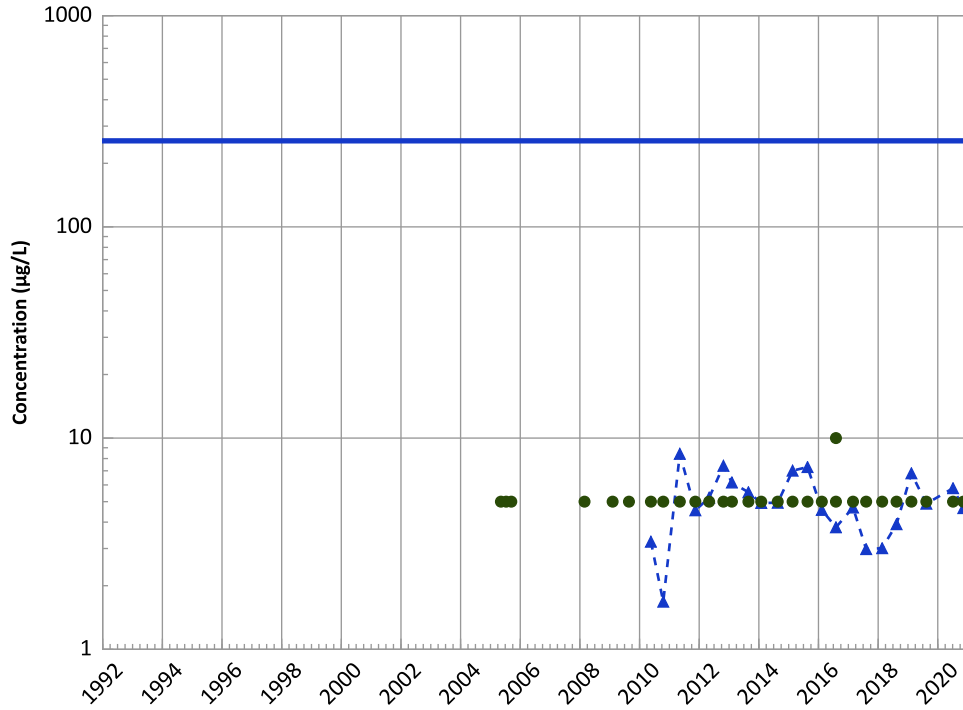
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

**PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

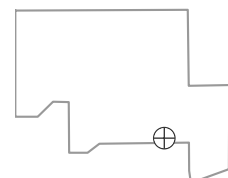
All Data:

No Trend

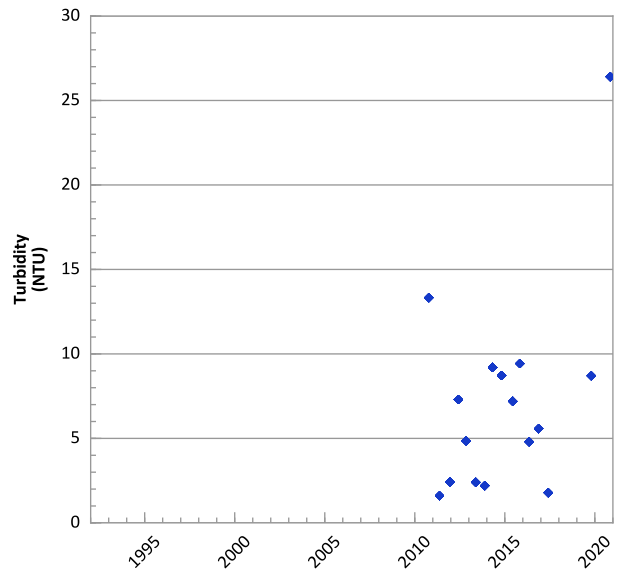
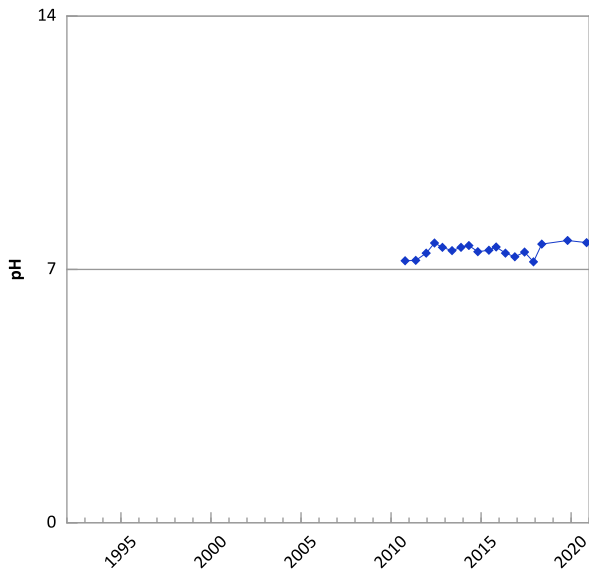
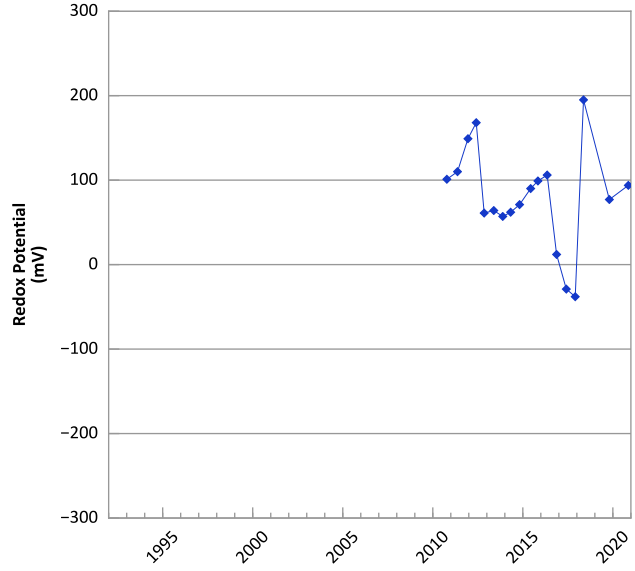
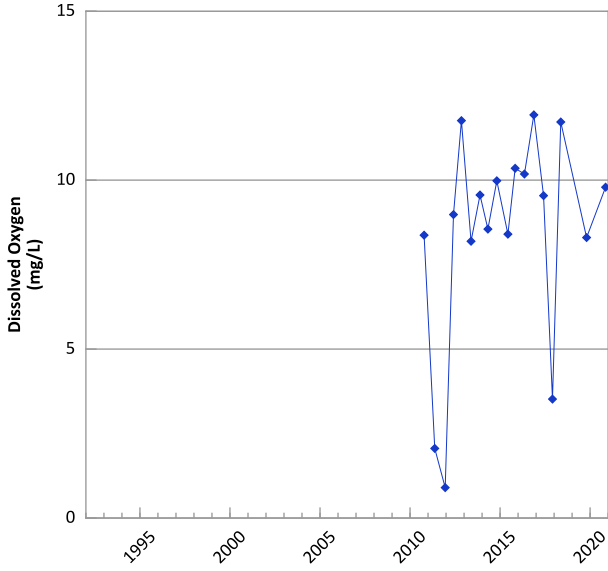
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/09/2005 to 11/09/2020
Analysis Date: 06/03/2021

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

Well Location

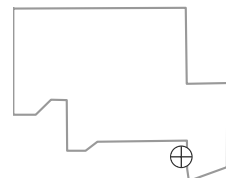


**PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



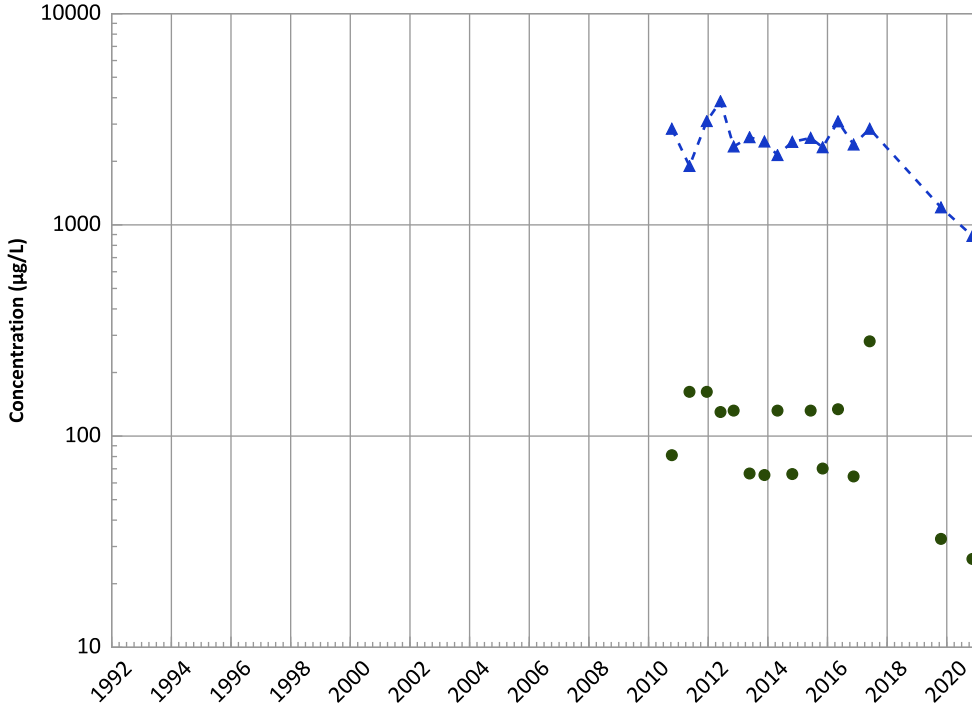
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/13/2010 to 11/10/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

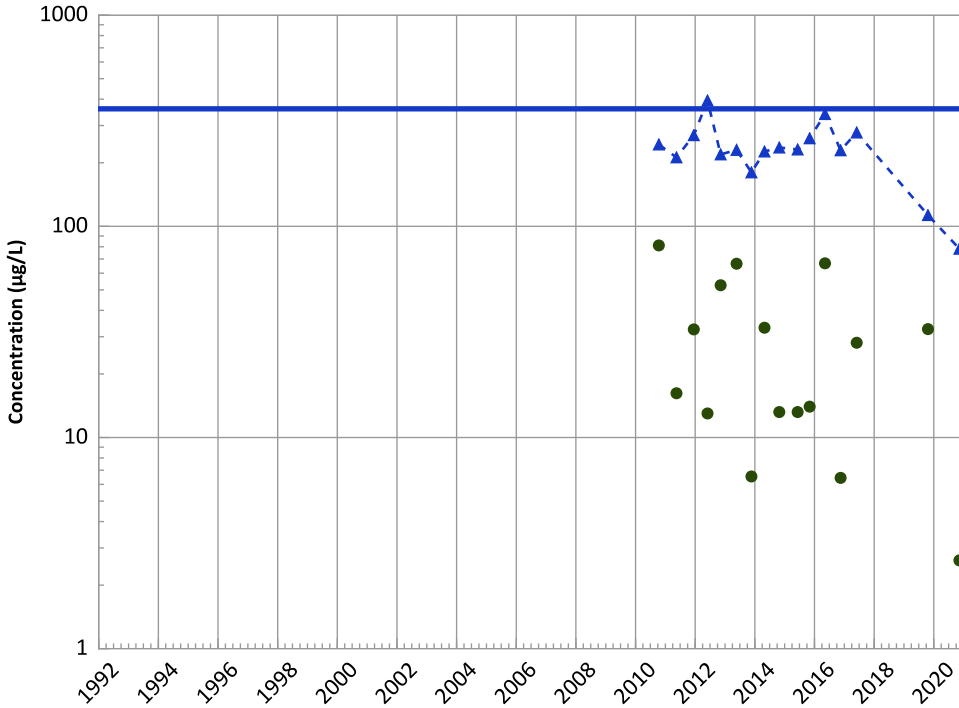
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

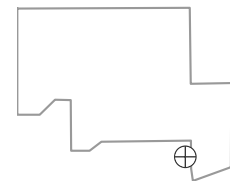
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

Well Location

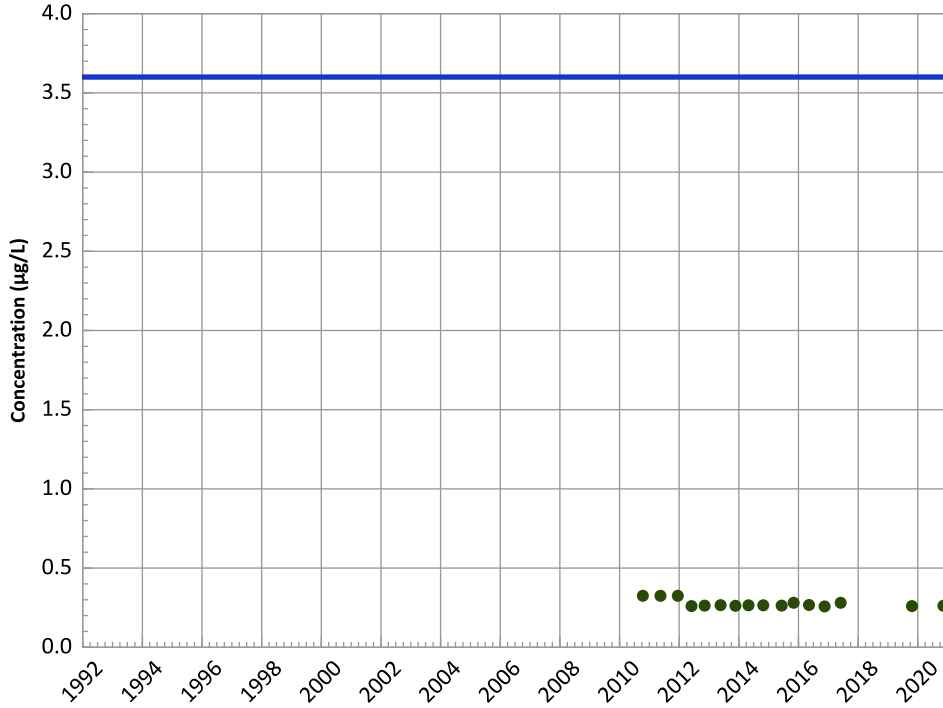


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

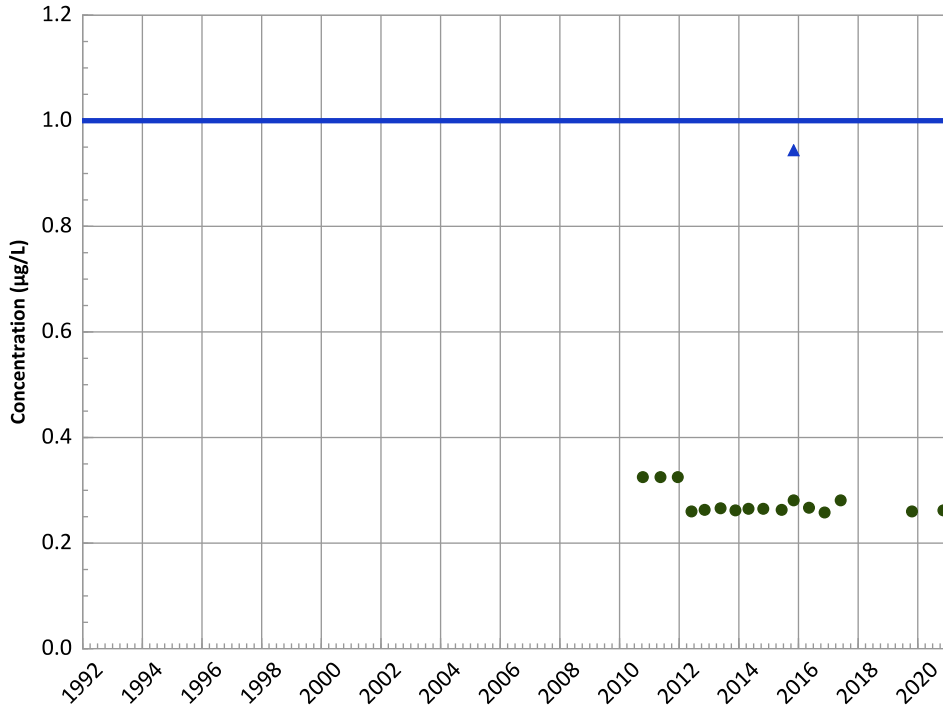
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

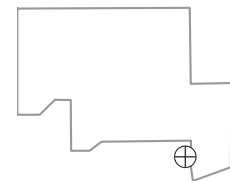
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

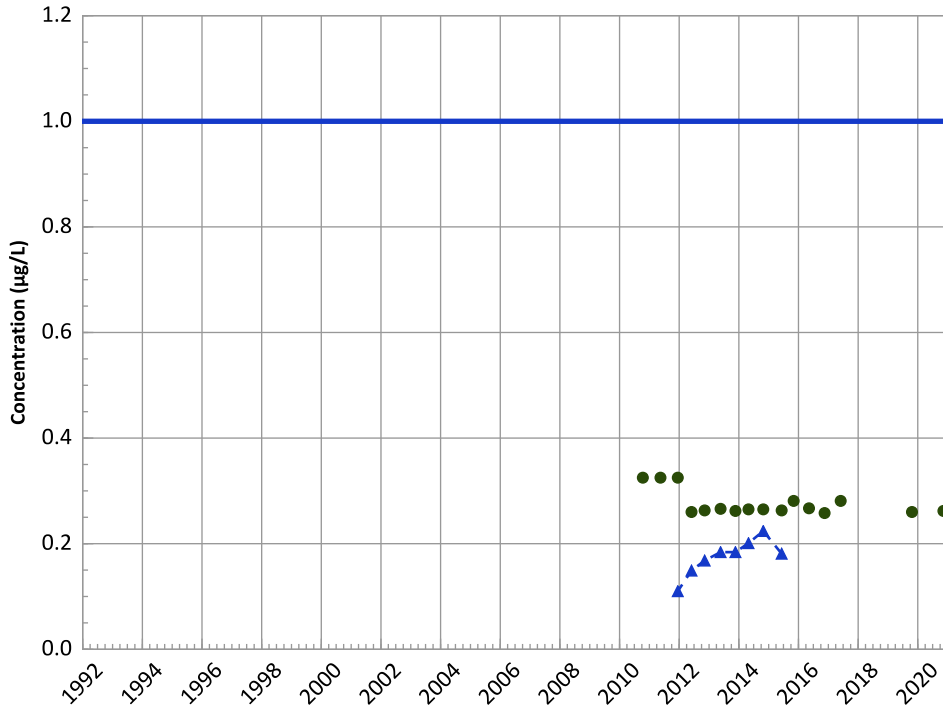
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

**PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**

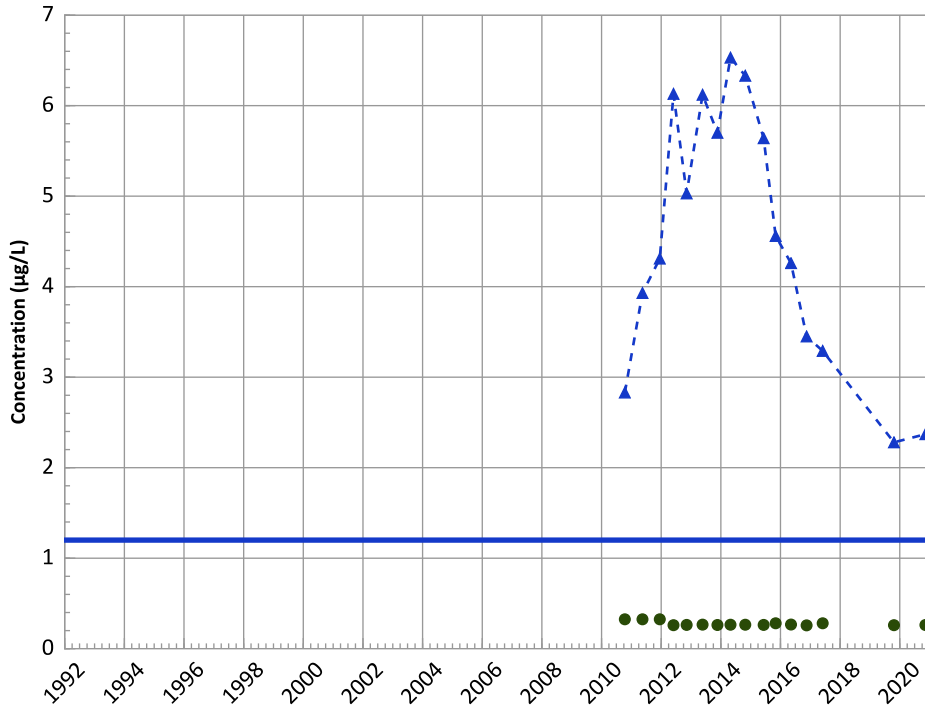


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

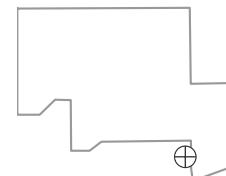
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

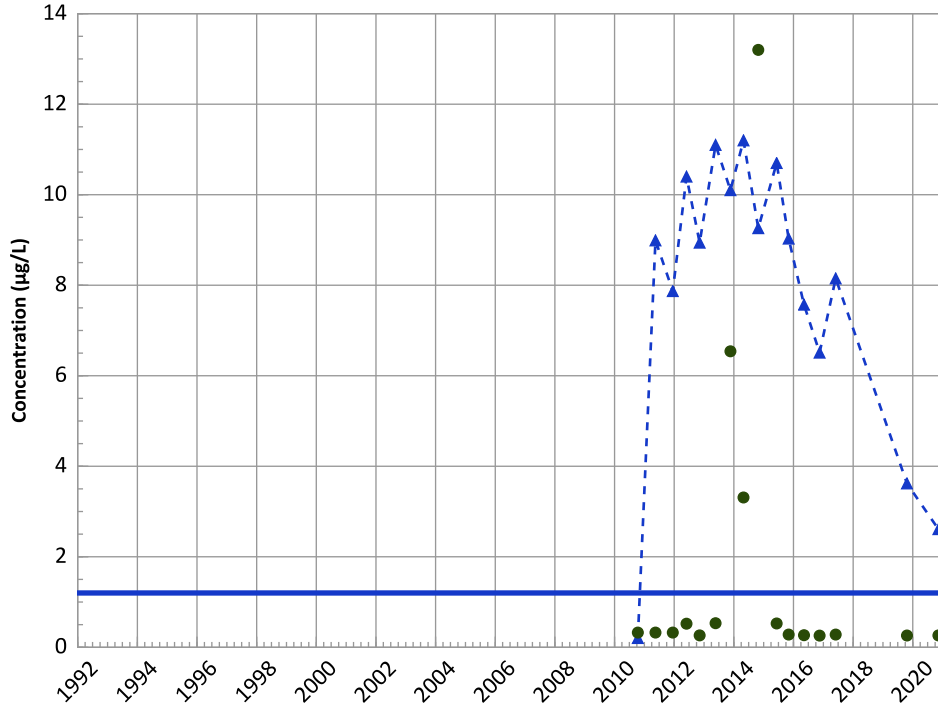
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

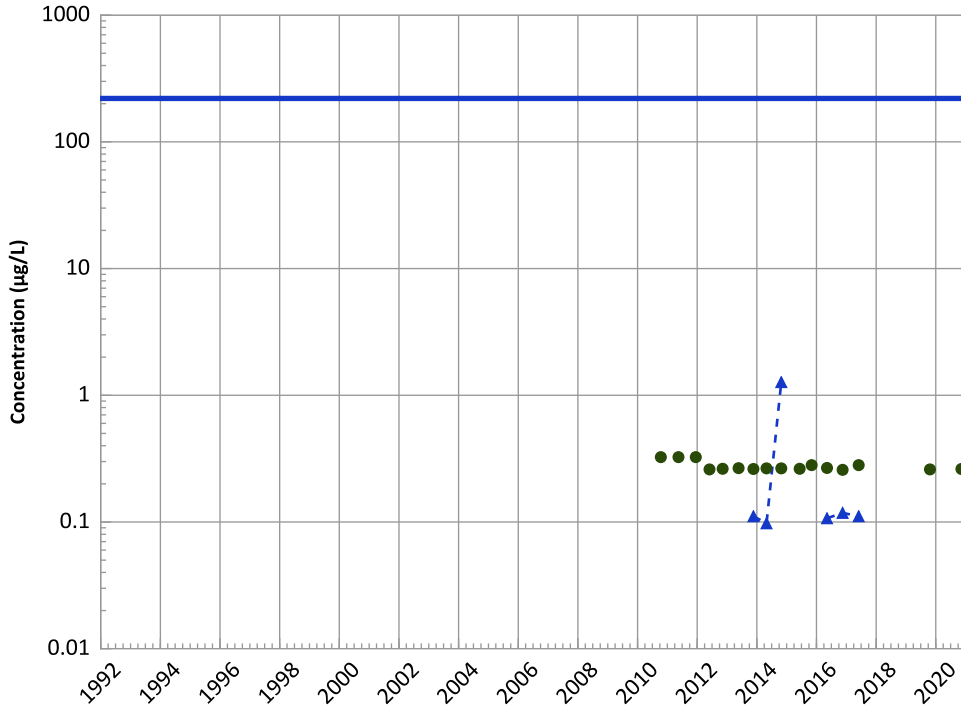
2018 - 2020 Data:

Probably Decreasing

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

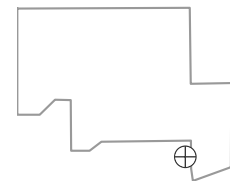
2018 - 2020 Data:

No Trend

All Data:

No Trend

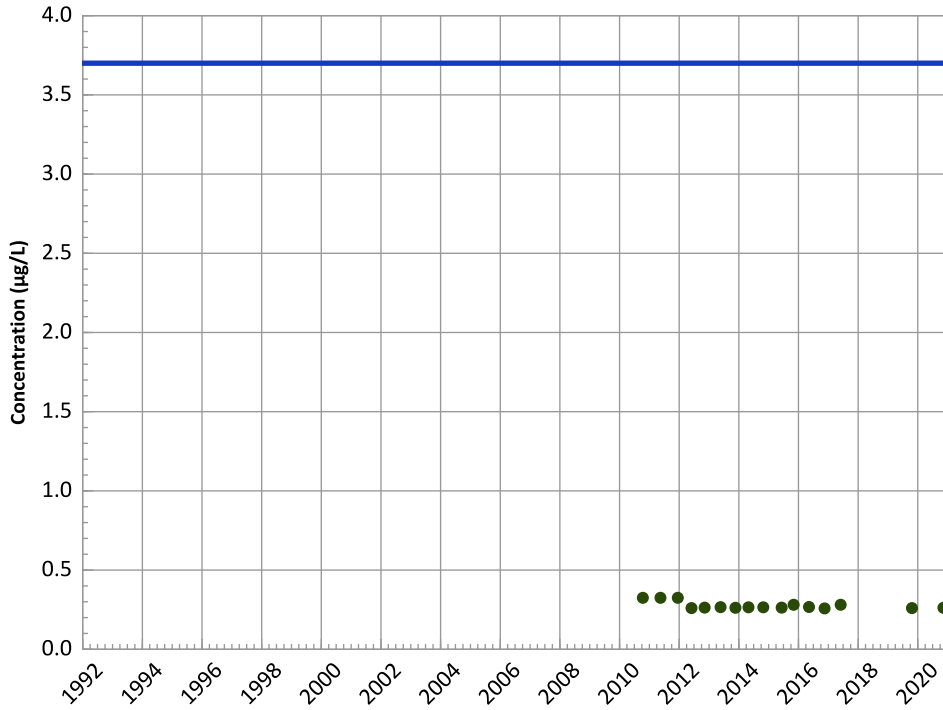
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

**PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

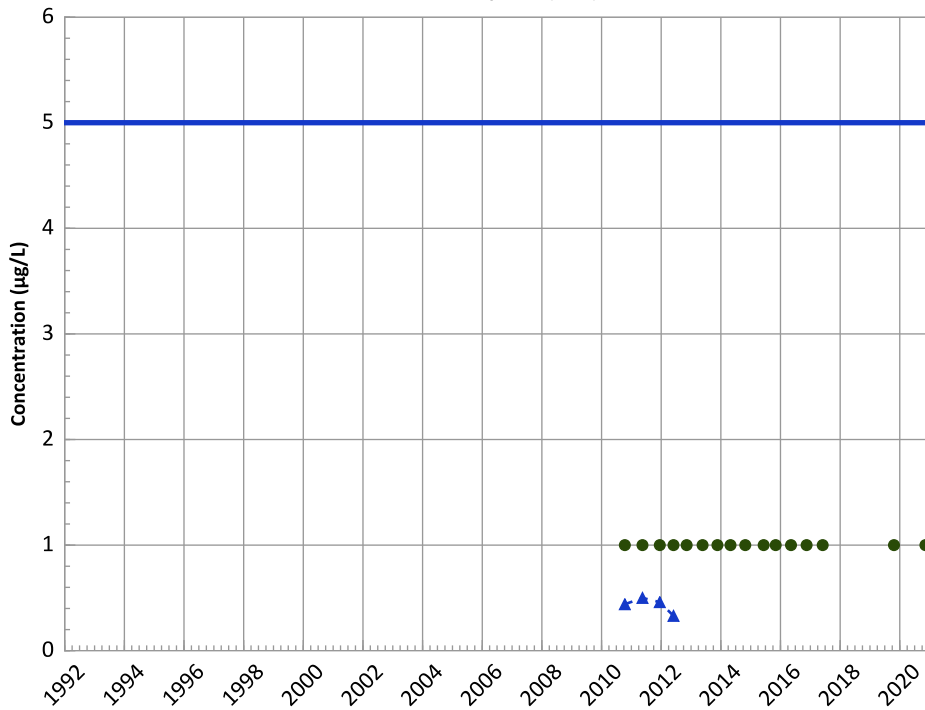
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
Probably Increasing

MAROS Linear Regression Method

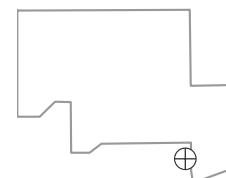
2018 - 2020 Data:
Stable

All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

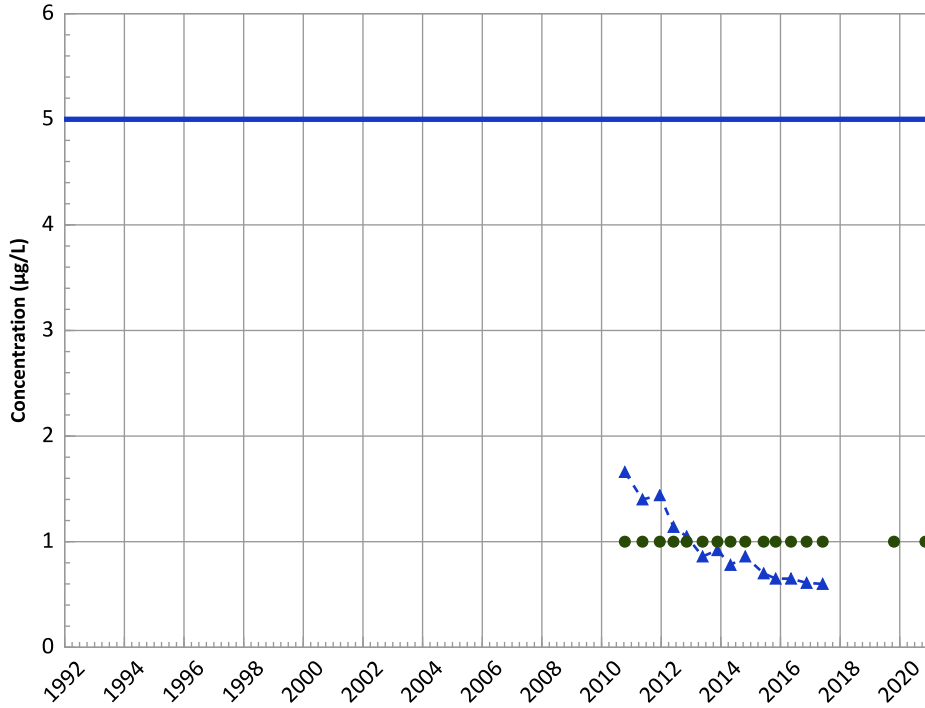
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

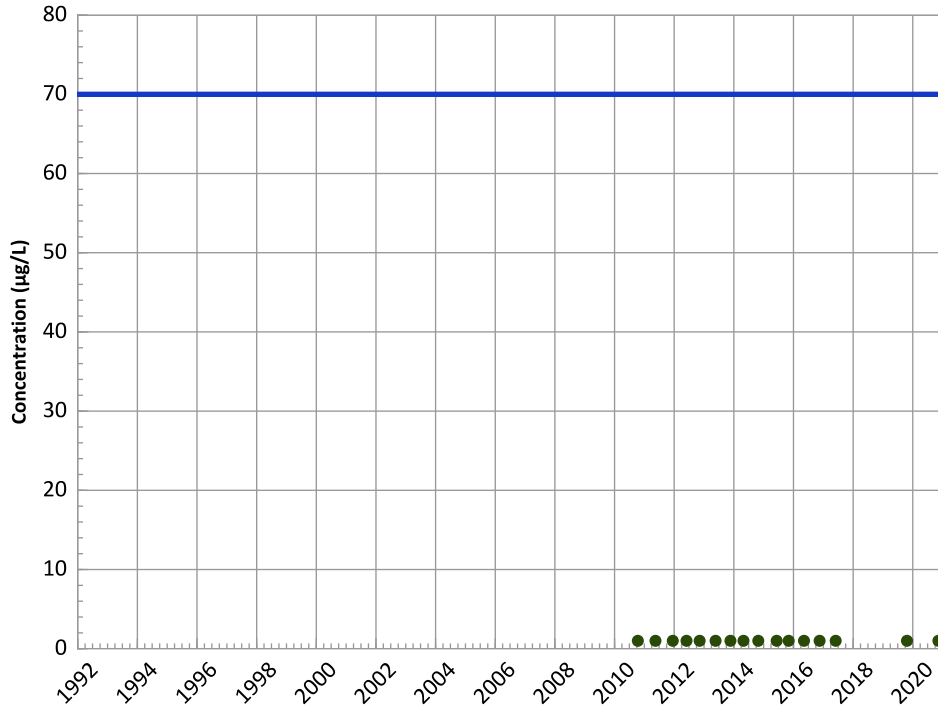


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

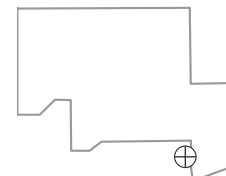
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

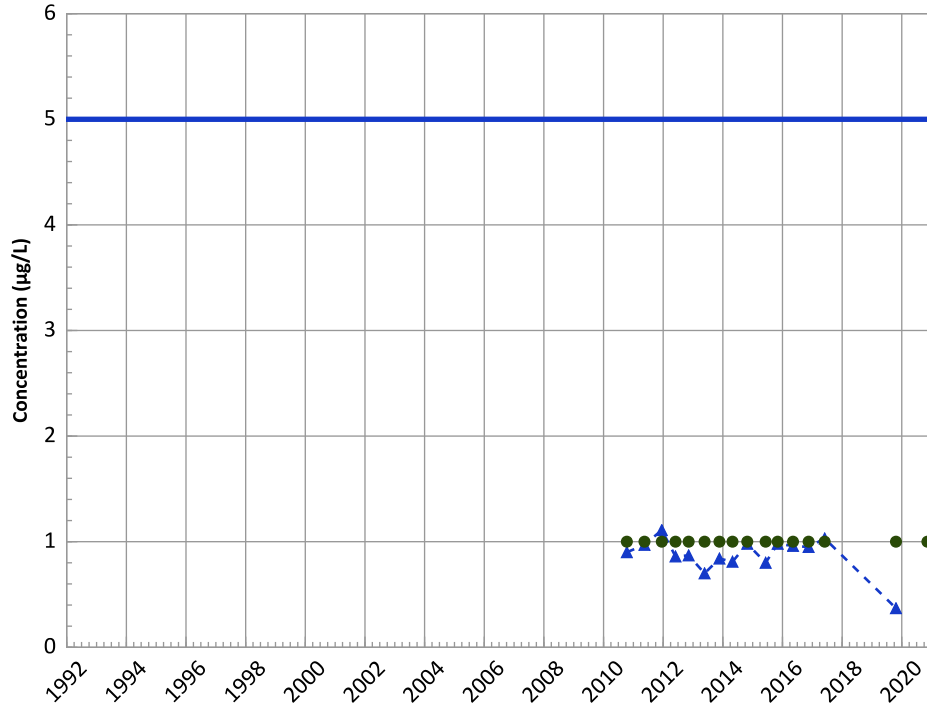
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ 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**

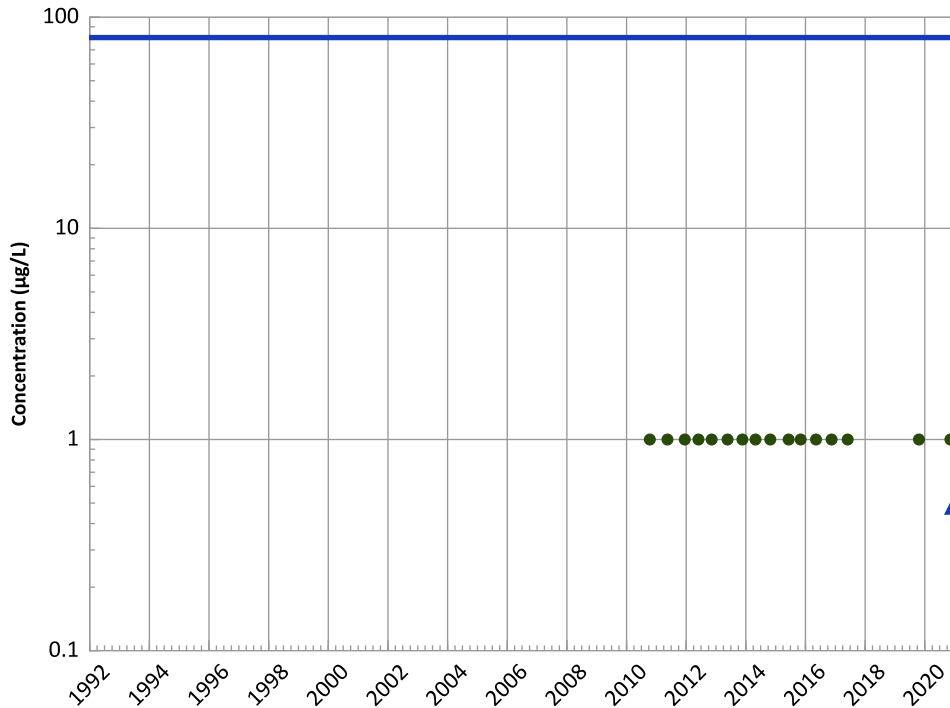


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Chloroform Trend

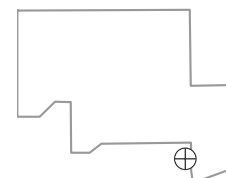


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

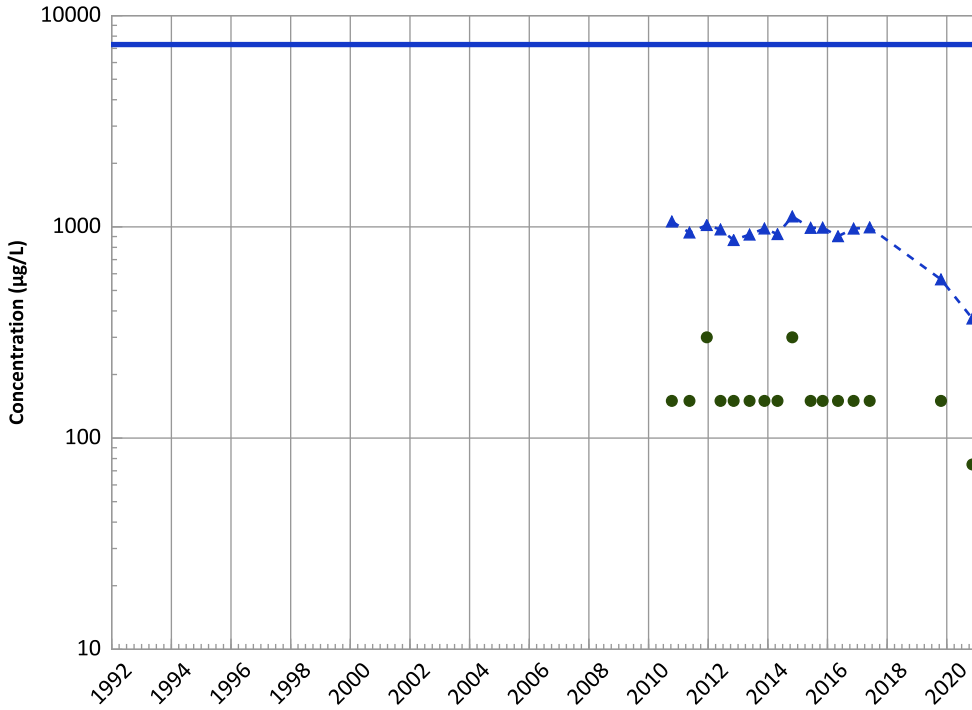
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

**PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

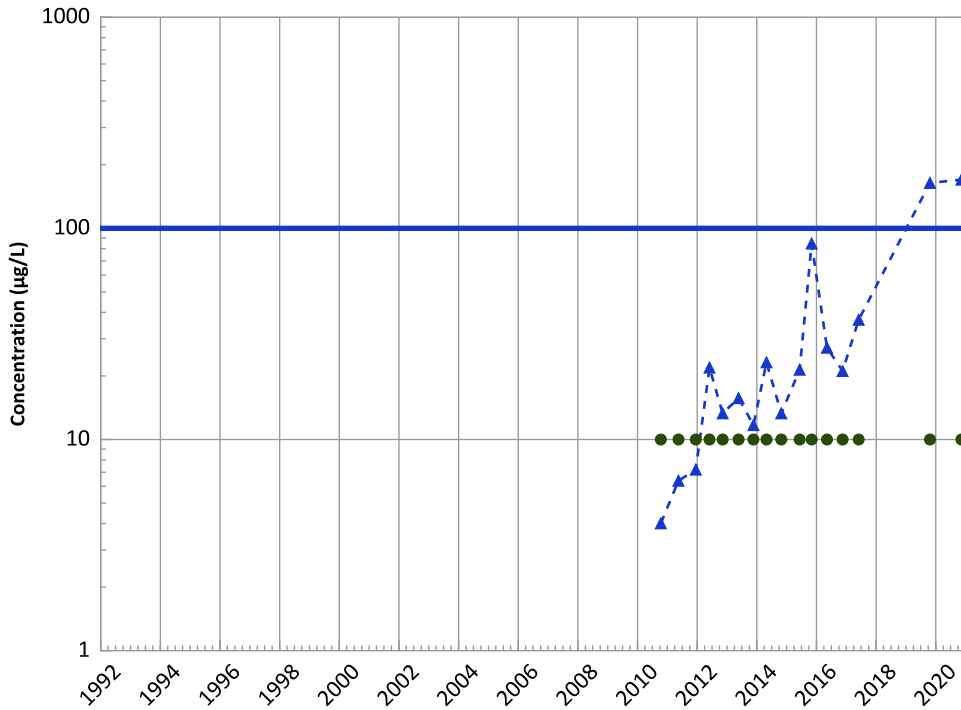


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Chromium, Total Trend

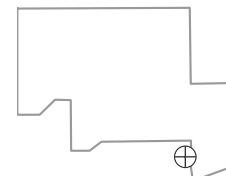


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

Well Location

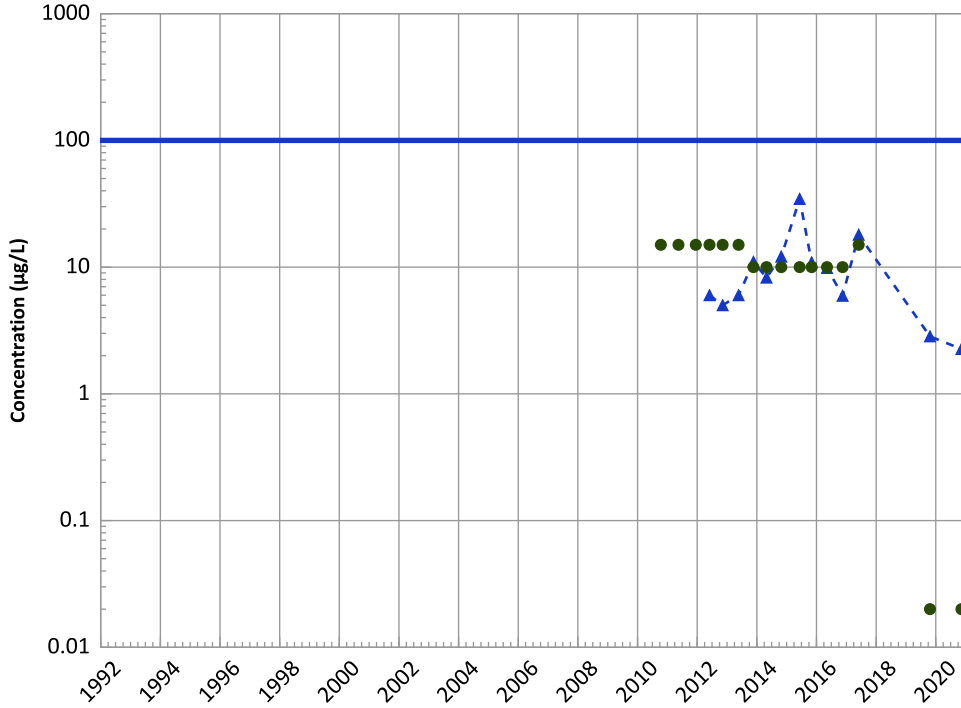


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

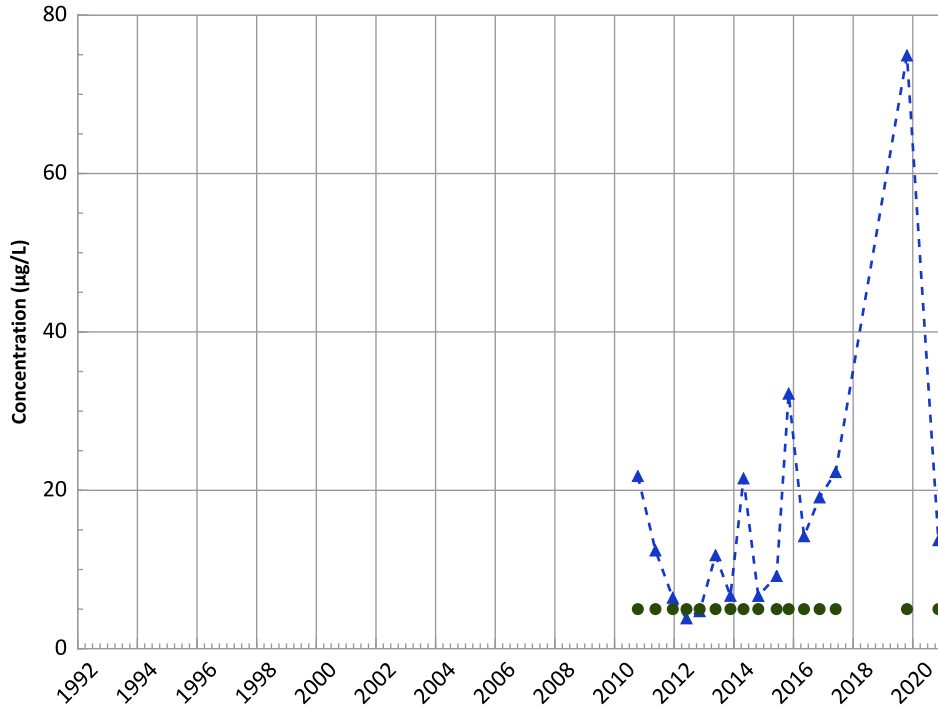
2018 - 2020 Data:

No Trend

All Data:

Stable

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

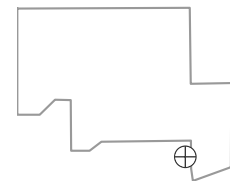
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

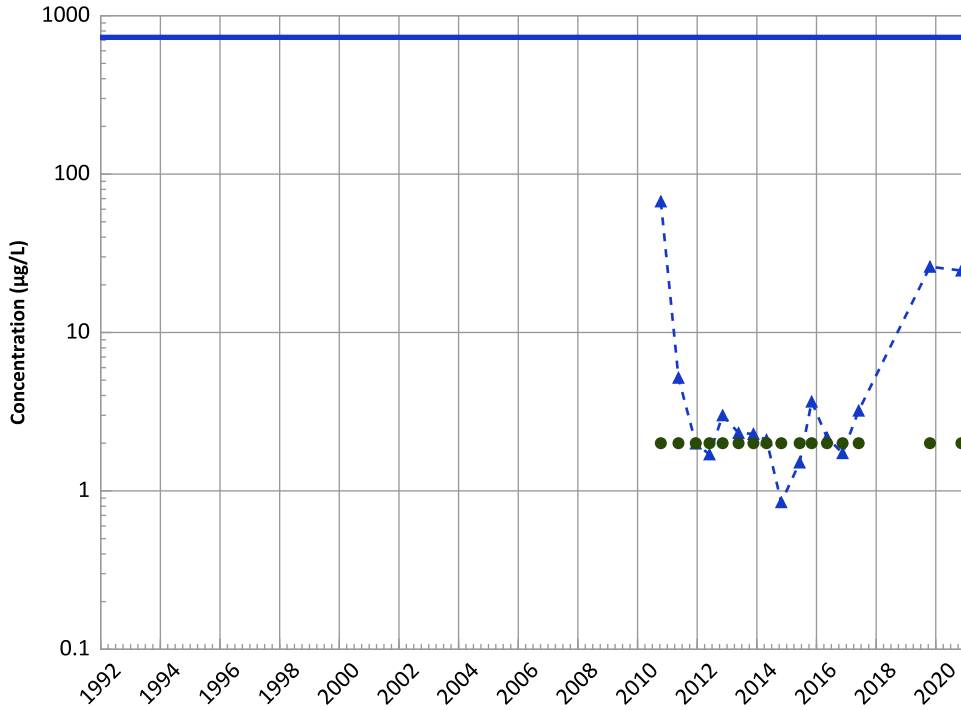


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

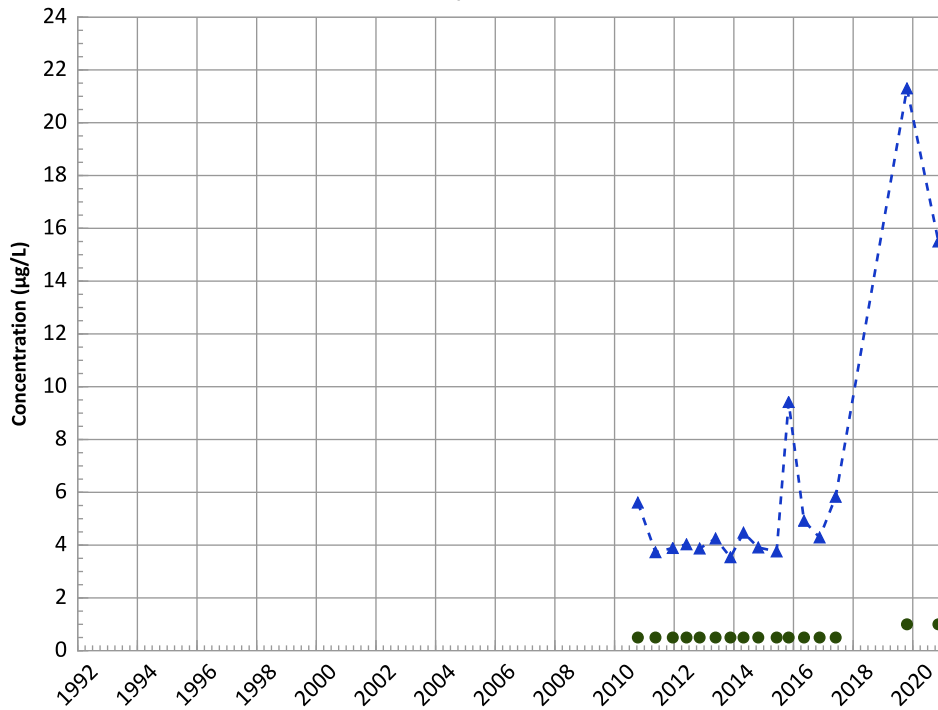
2018 - 2020 Data:

Increasing

All Data:

No Trend

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

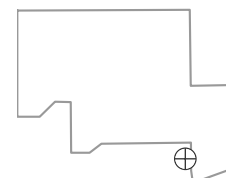
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Well Location

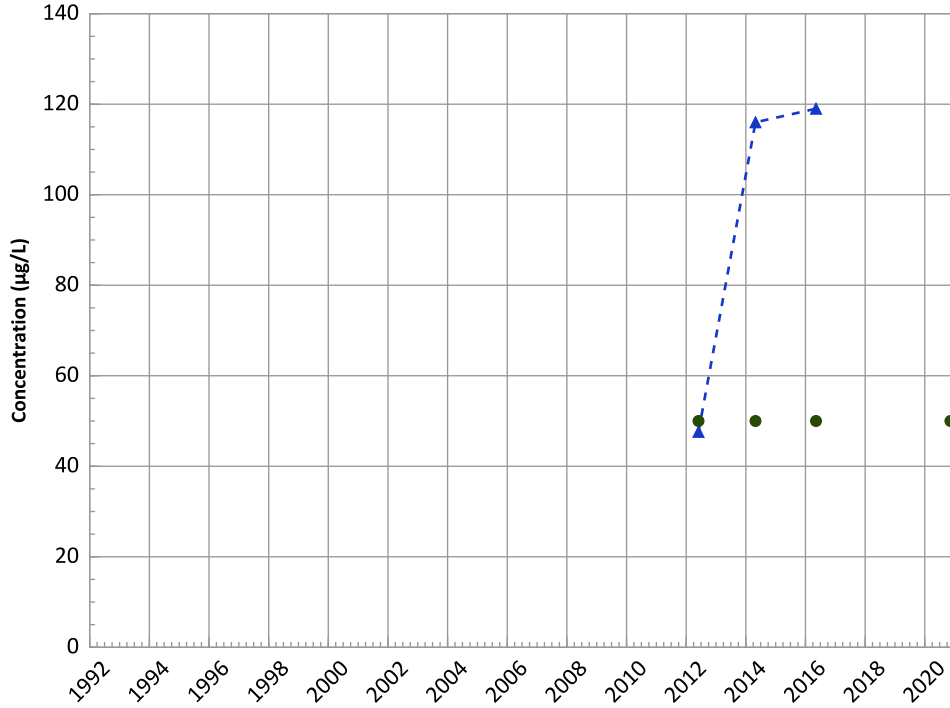


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

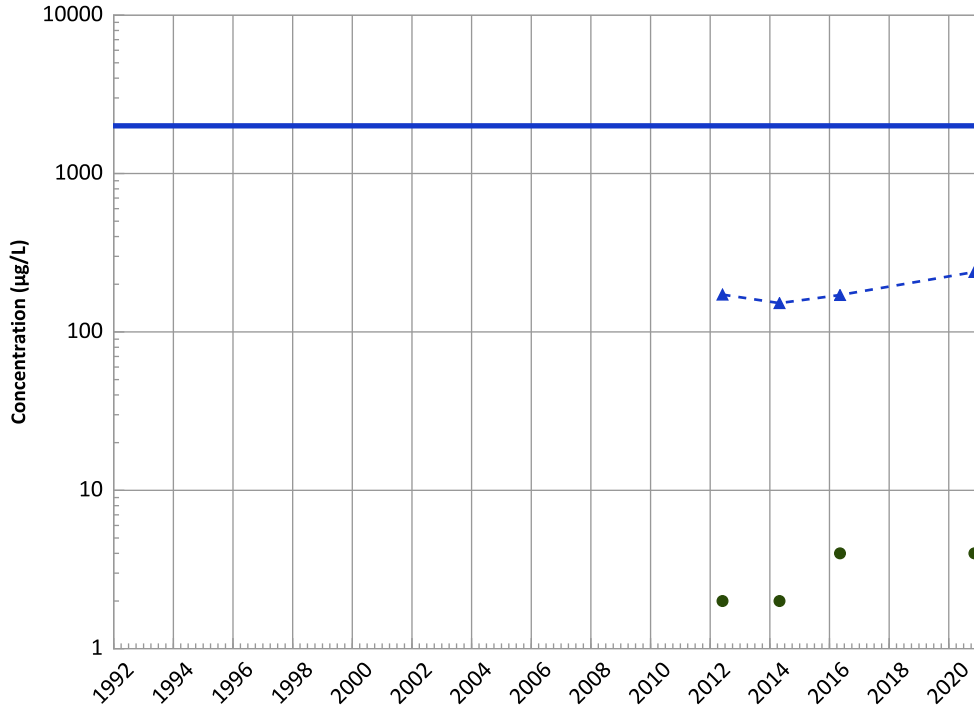
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

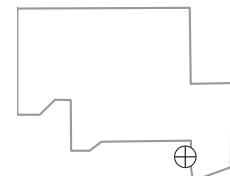
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Increasing

All Data:
Probably Increasing

Well Location

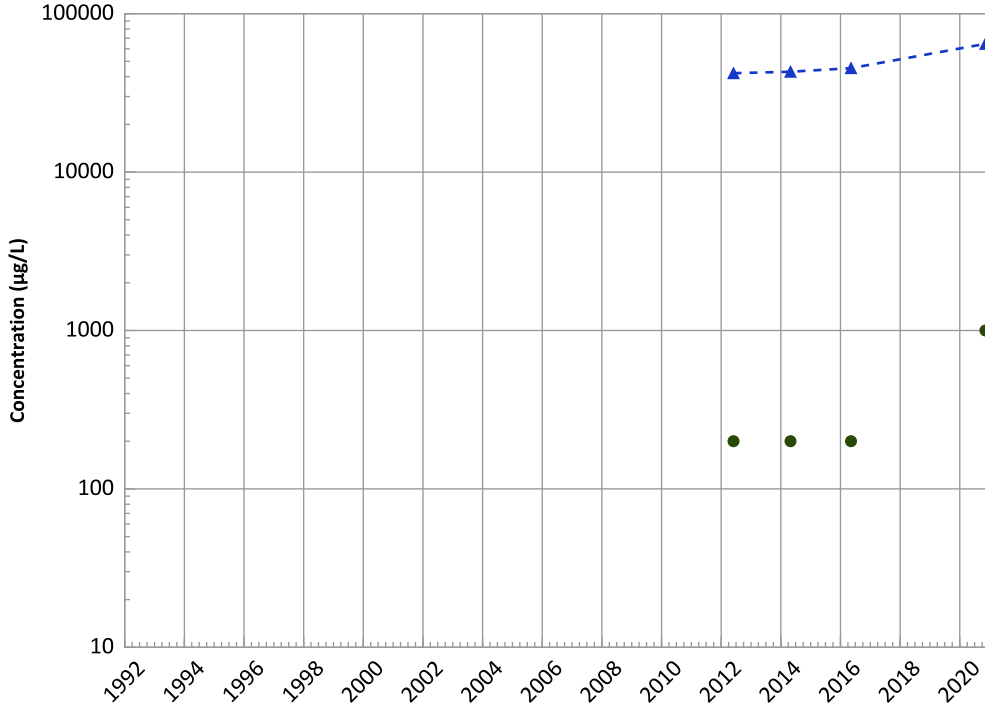


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

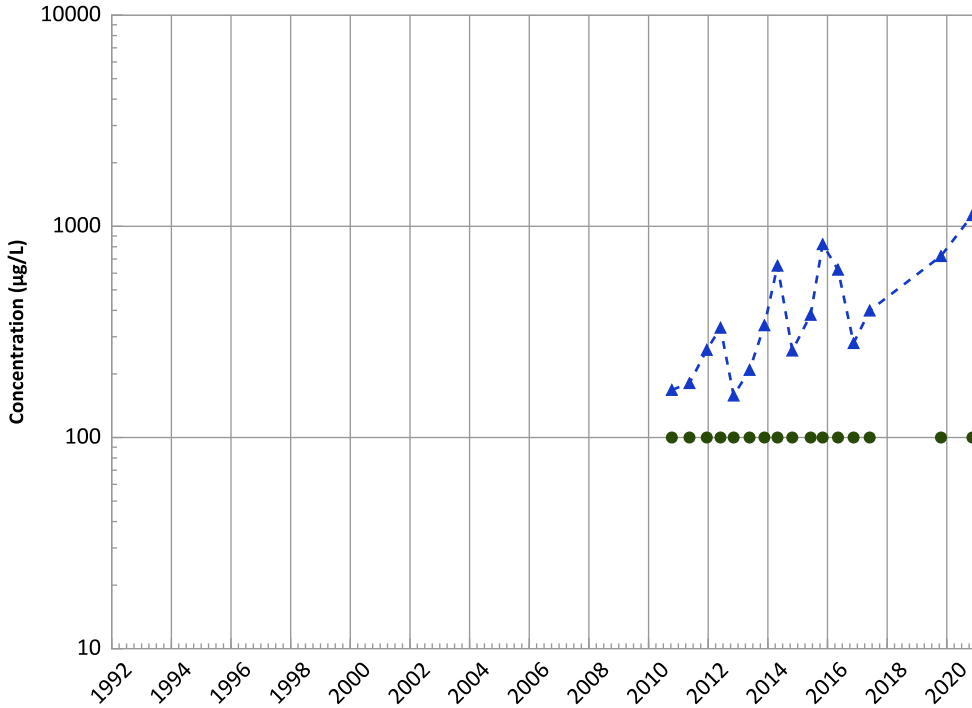
2018 - 2020 Data:

Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

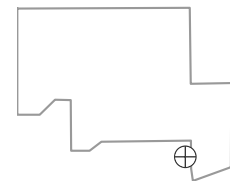
2018 - 2020 Data:

Increasing

All Data:

Increasing

Well Location

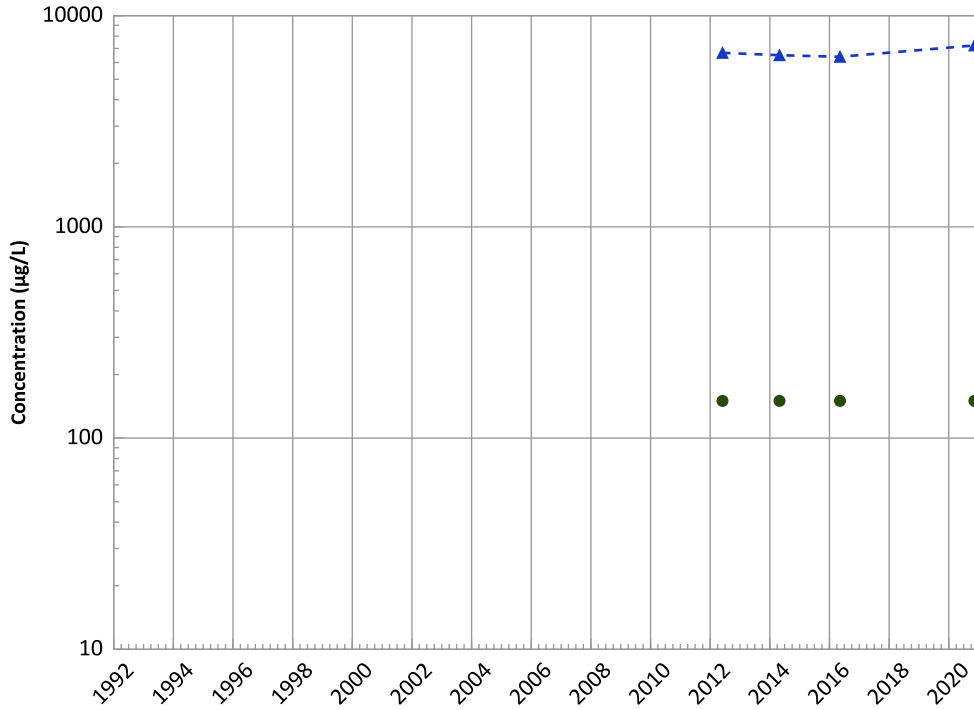


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Stable

MAROS Linear Regression Method

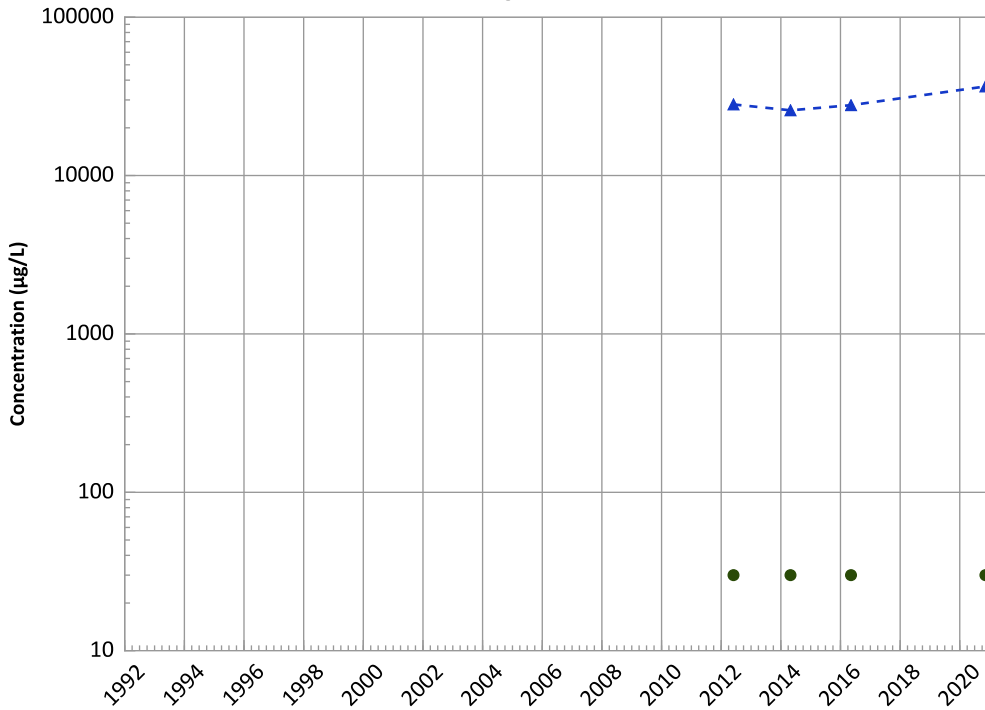
2018 - 2020 Data:

No Trend

All Data:

No Trend

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

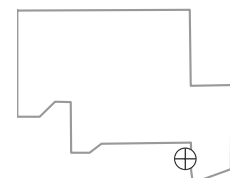
2018 - 2020 Data:

Probably Increasing

All Data:

Probably Increasing

Well Location

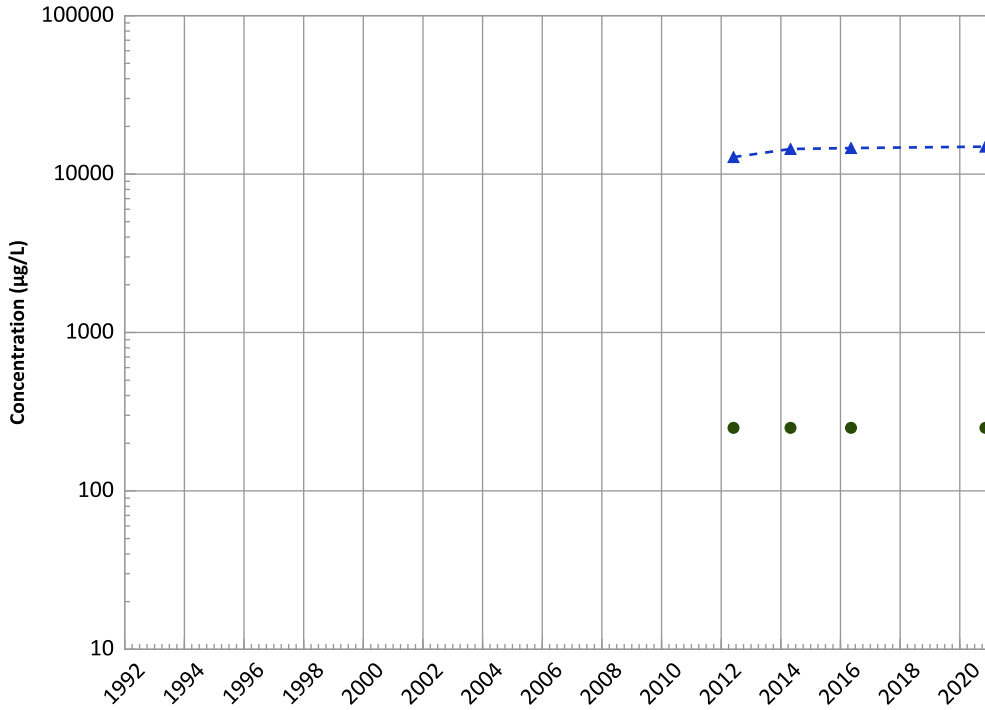


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

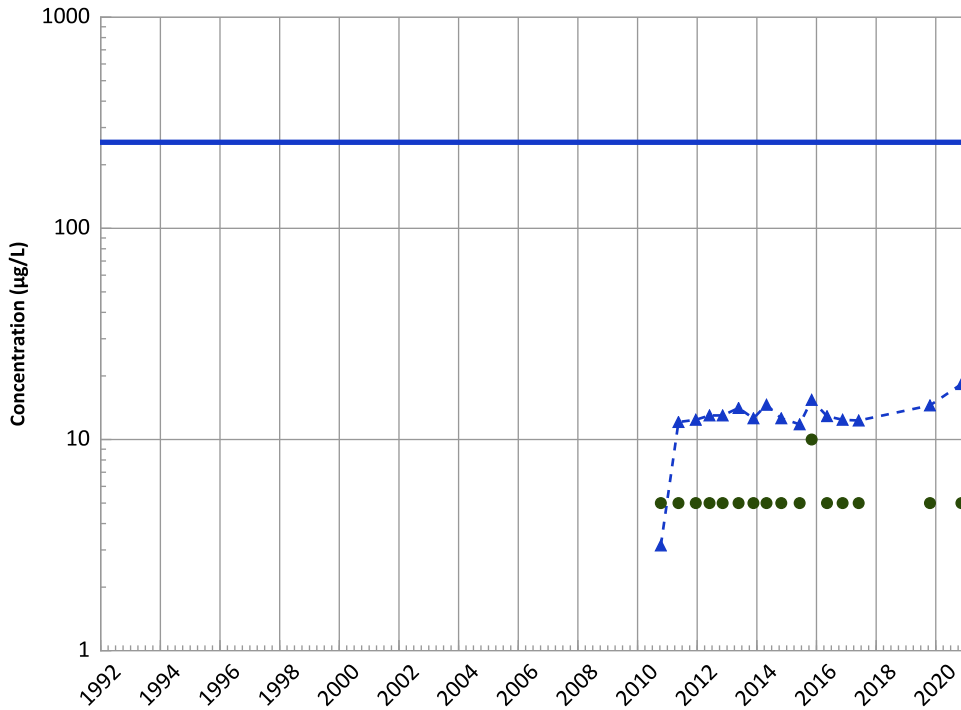
2018 - 2020 Data:

No Trend

All Data:

No Trend

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

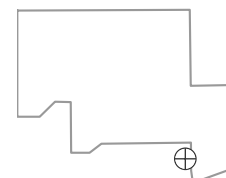
All Data:

Increasing

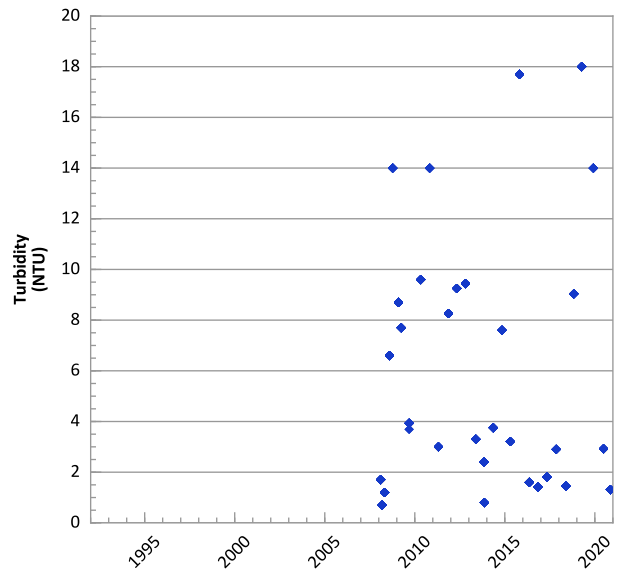
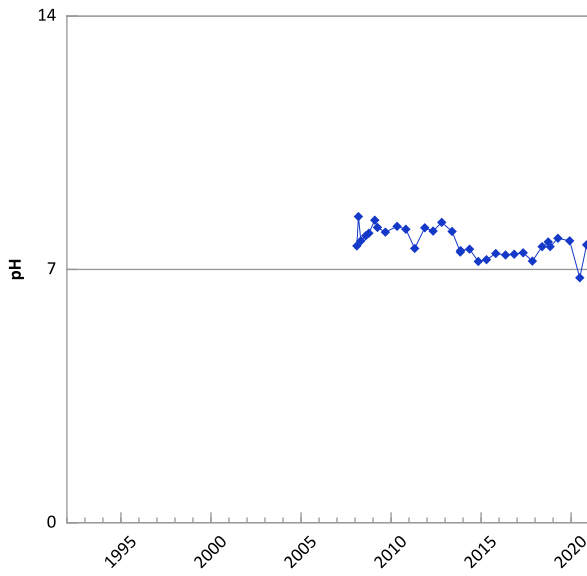
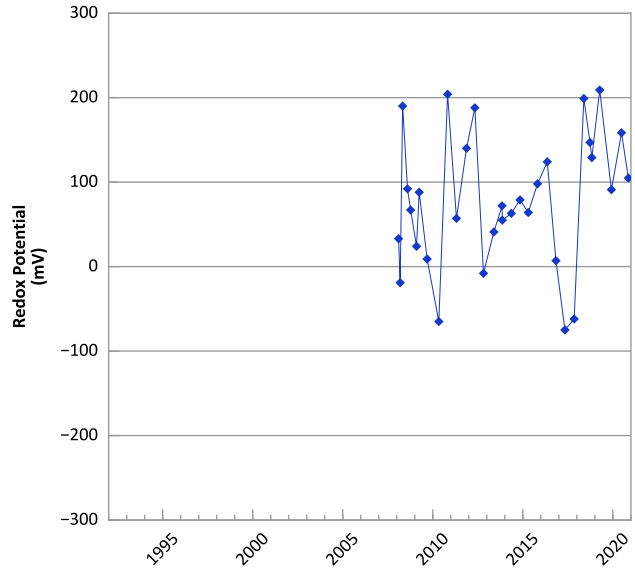
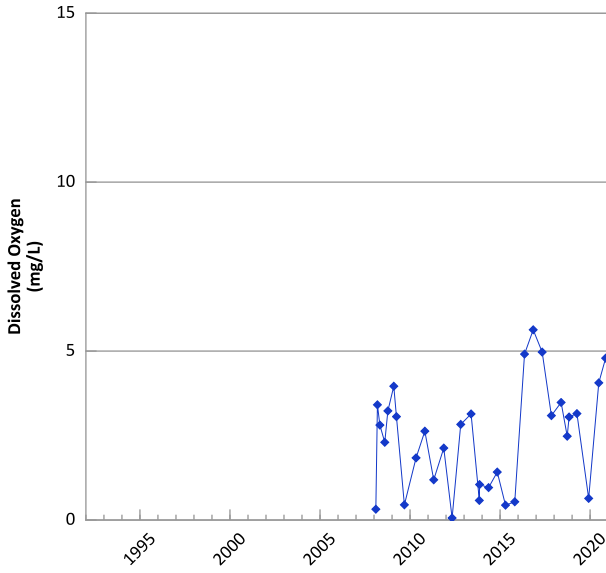
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/2010 to 11/10/2020
Analysis Date: 06/03/2021

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

Well Location

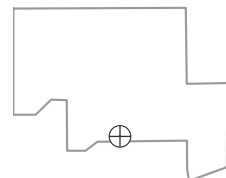


**PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



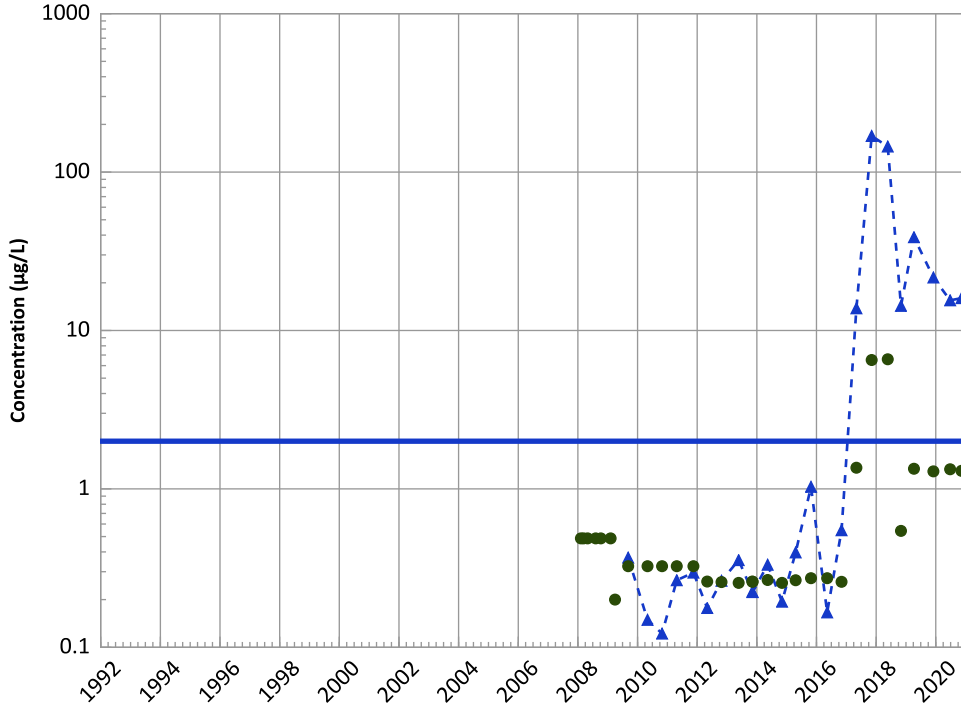
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/07/2008 to 11/11/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

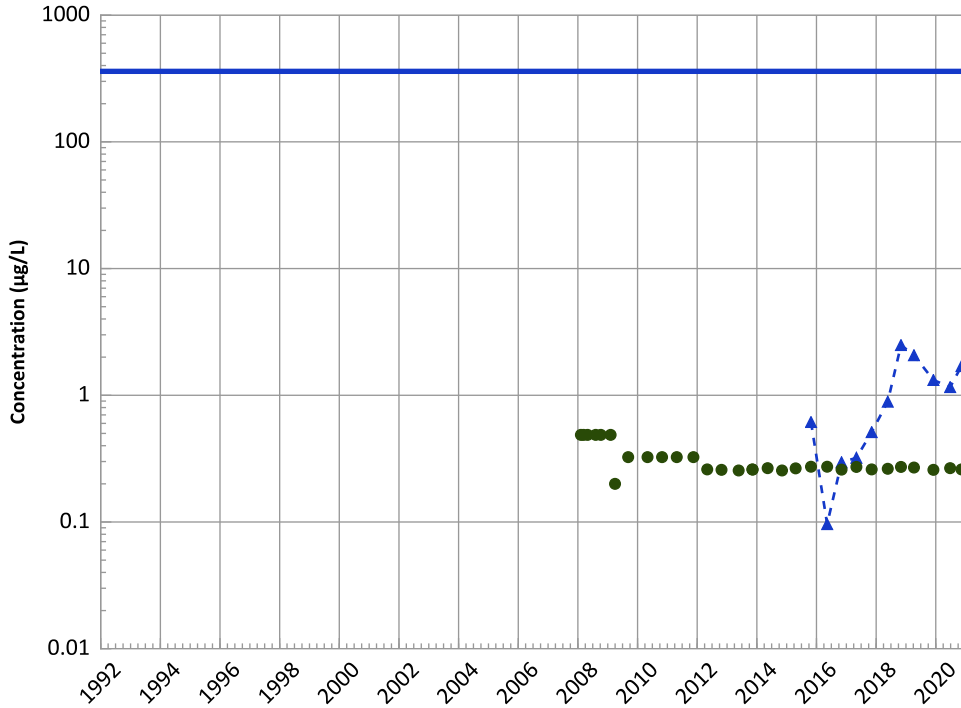
2018 - 2020 Data:

Decreasing

All Data:

Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

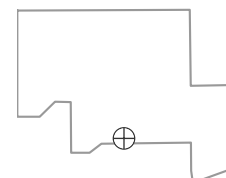
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

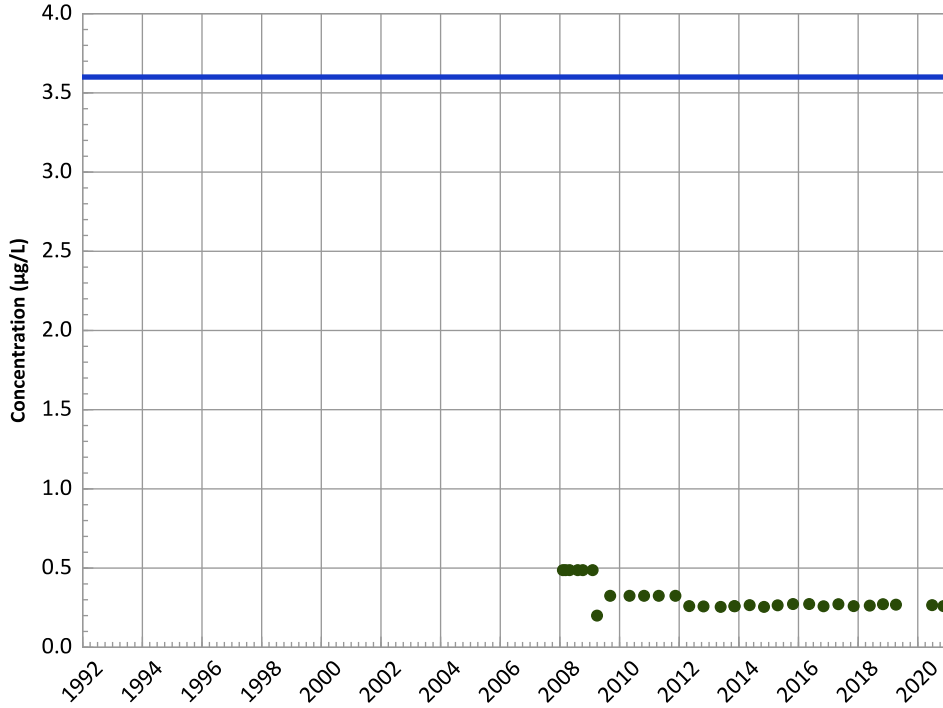


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

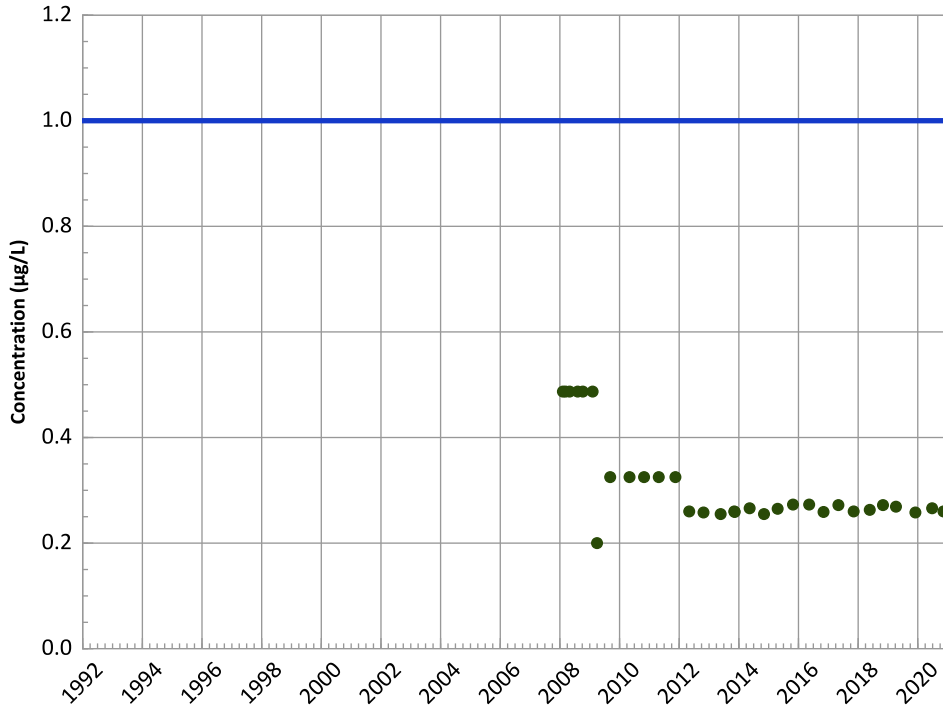
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

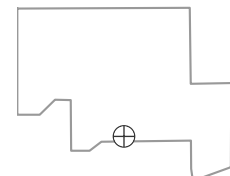
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

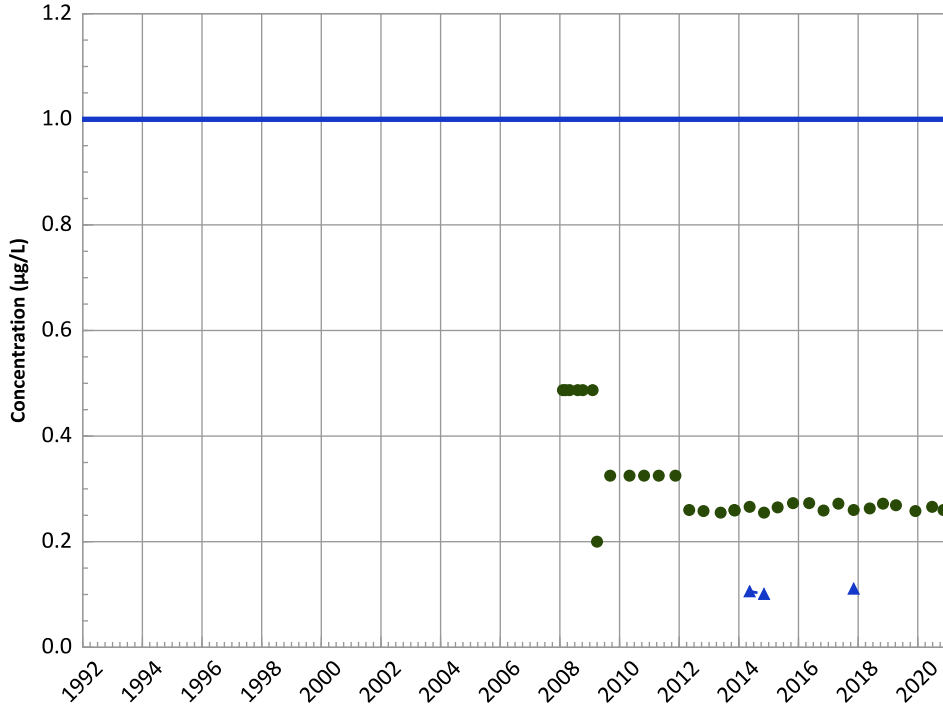


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

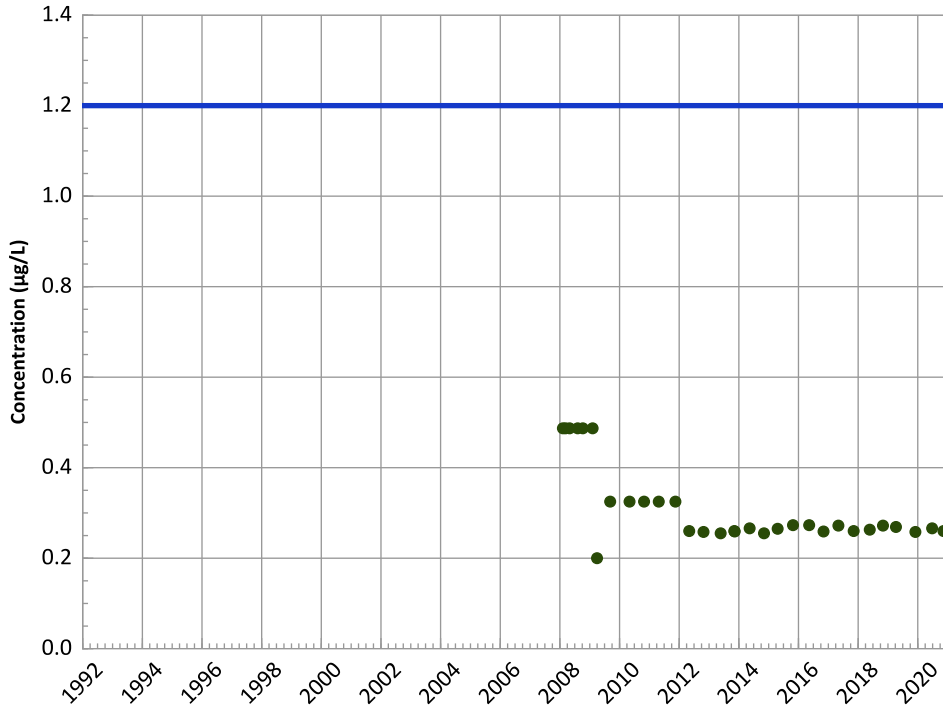
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

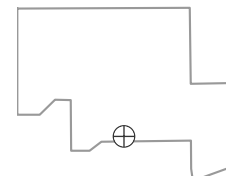
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

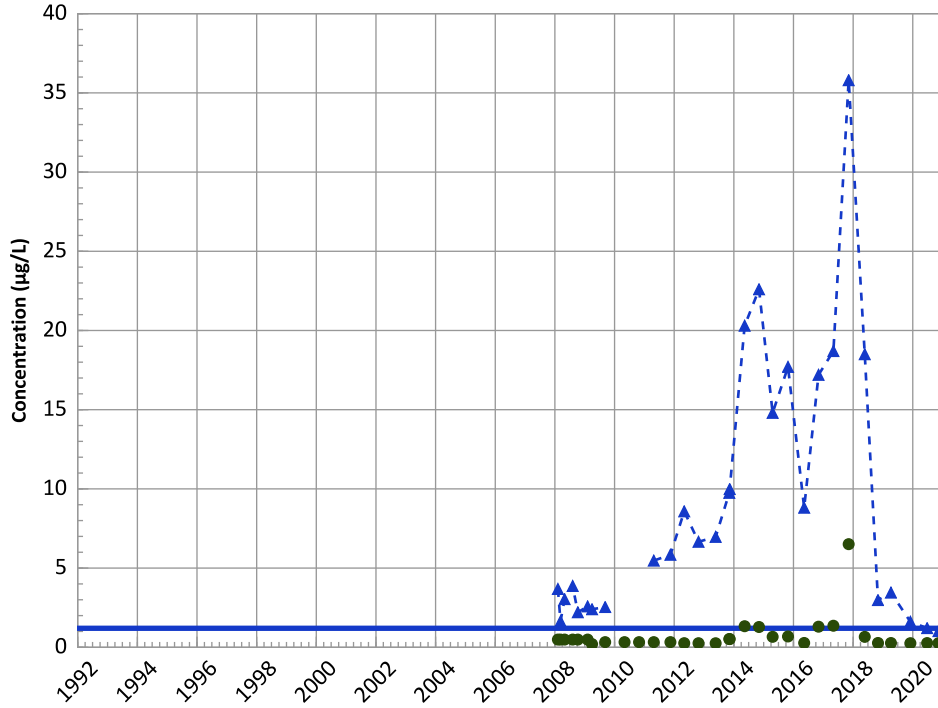


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

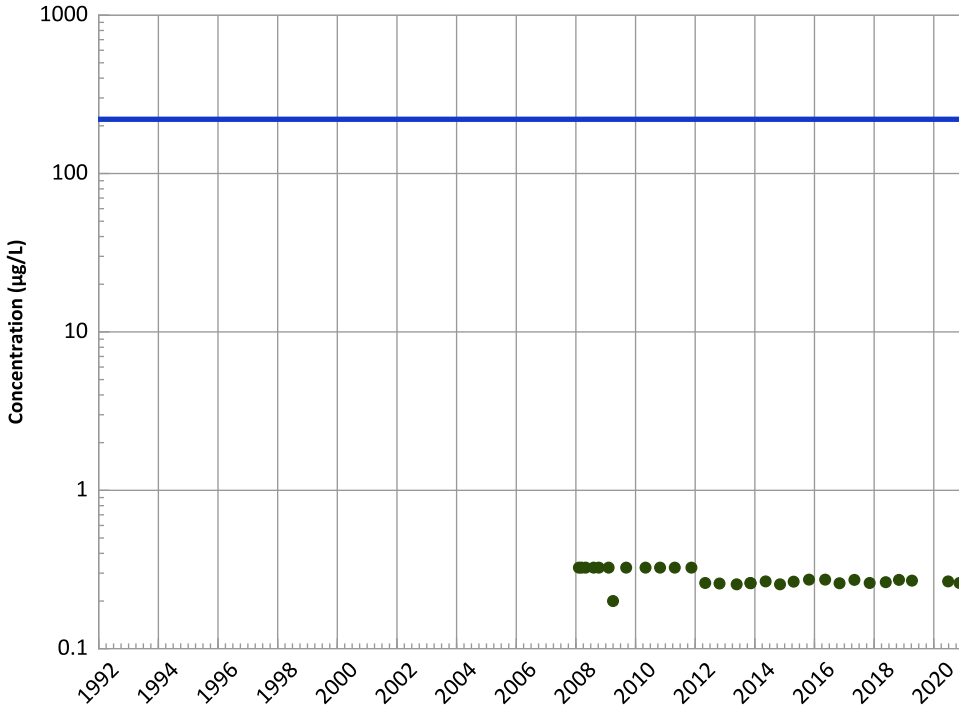
2018 - 2020 Data:

Probably Decreasing

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

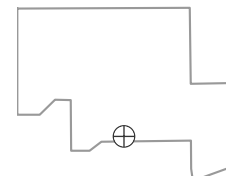
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

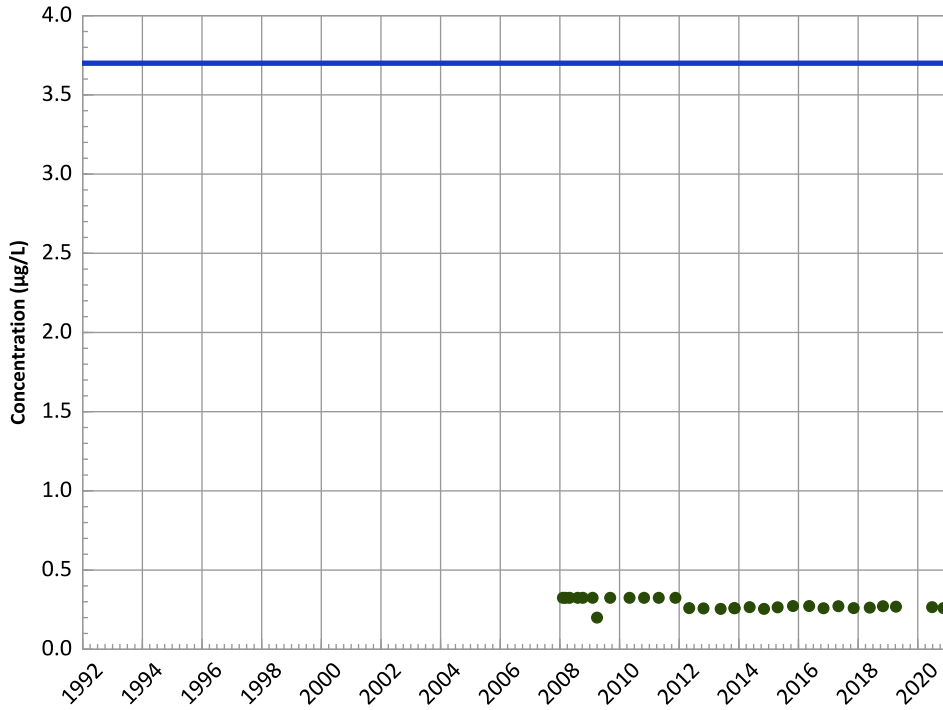
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

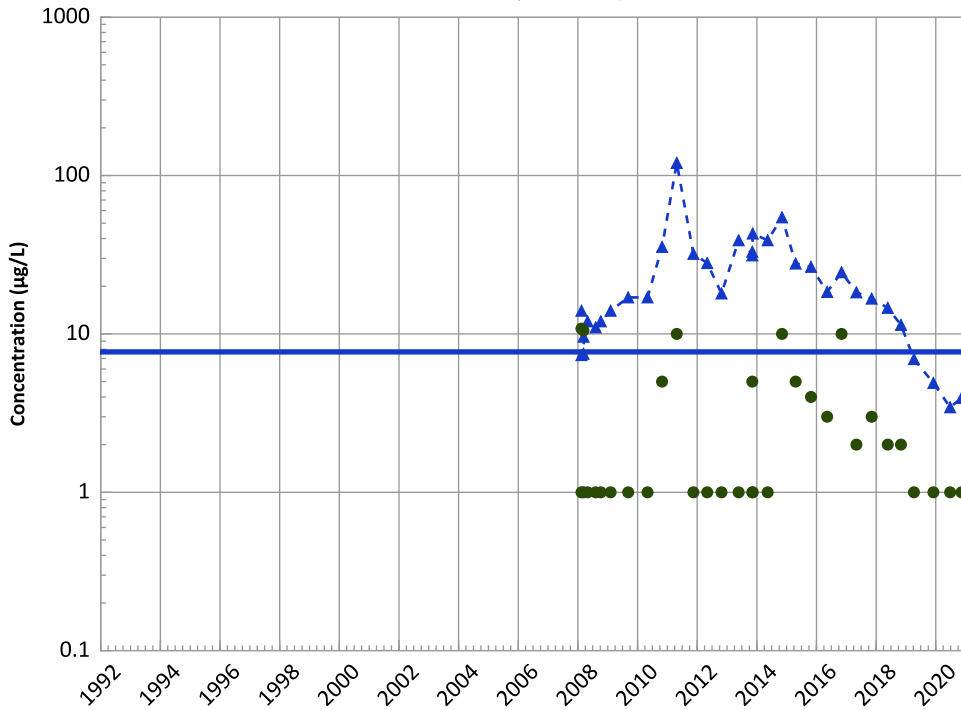
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

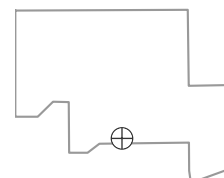
All Data:

Probably Decreasing

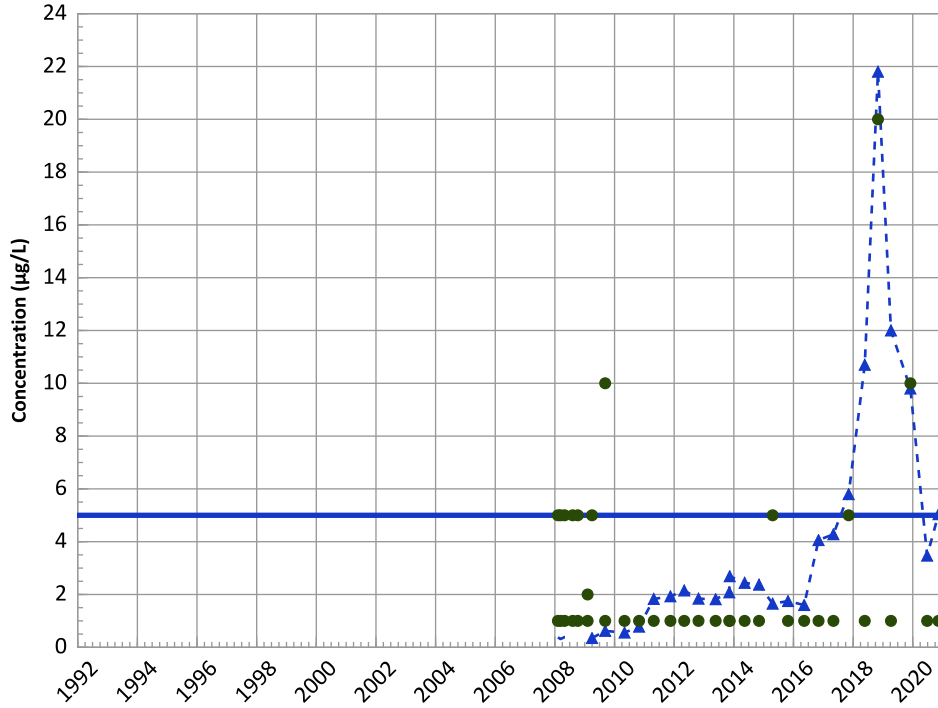
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

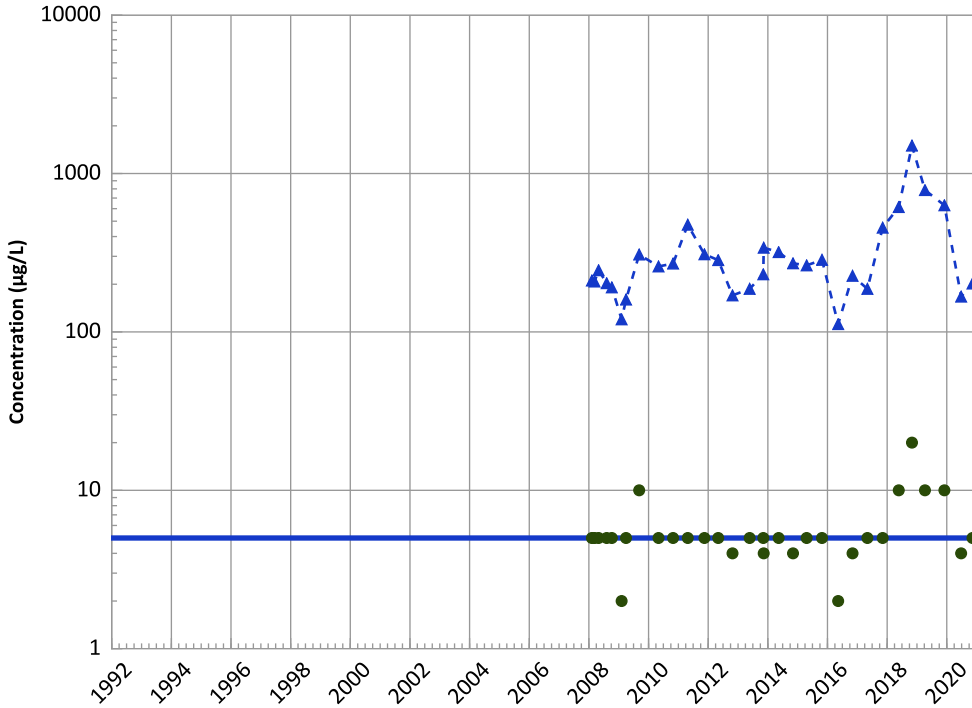
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Increasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

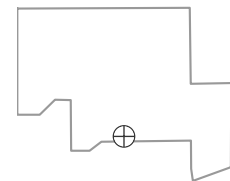
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Increasing

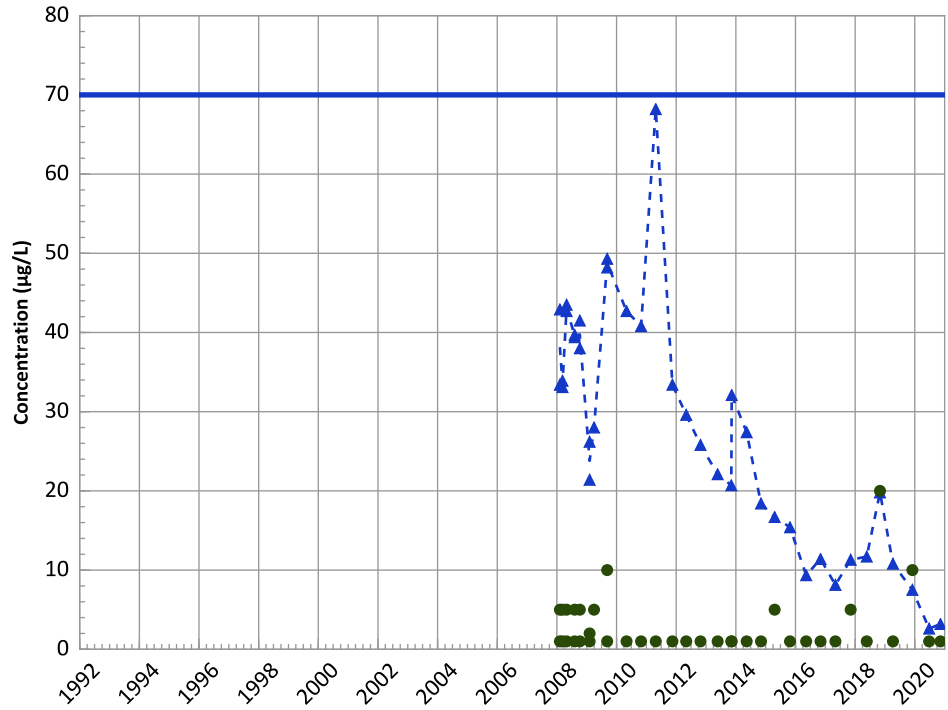
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

**PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

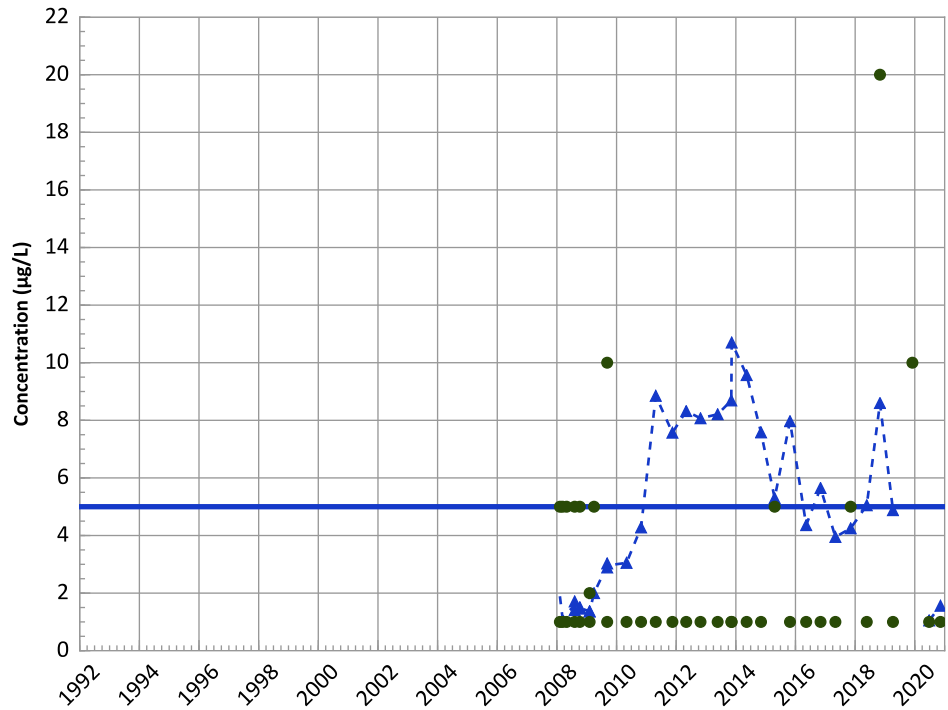
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

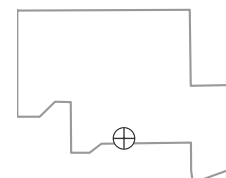
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Increasing

Well Location

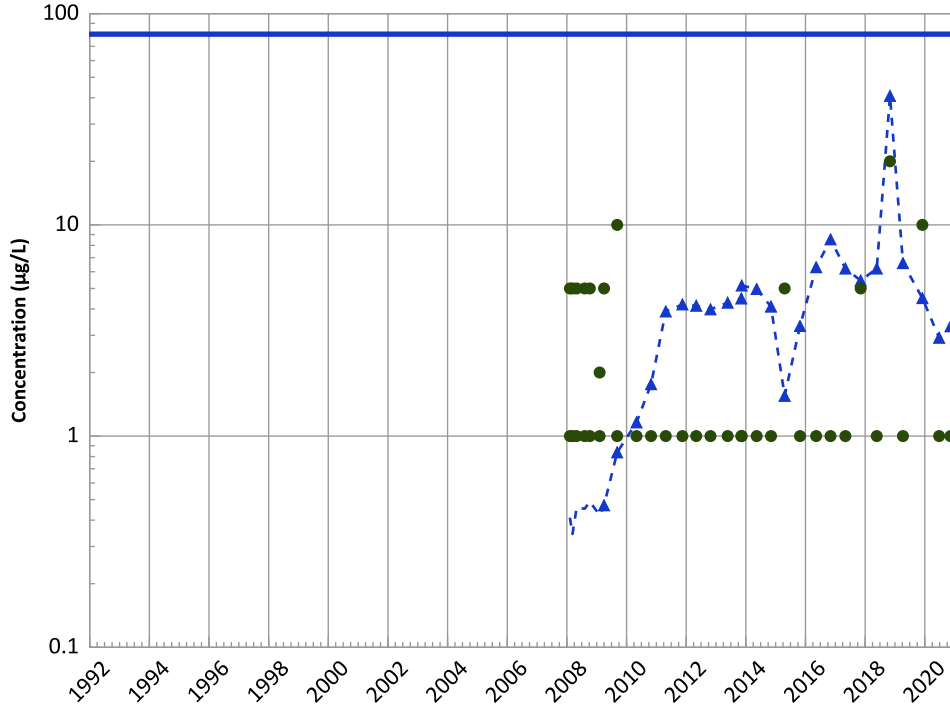


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

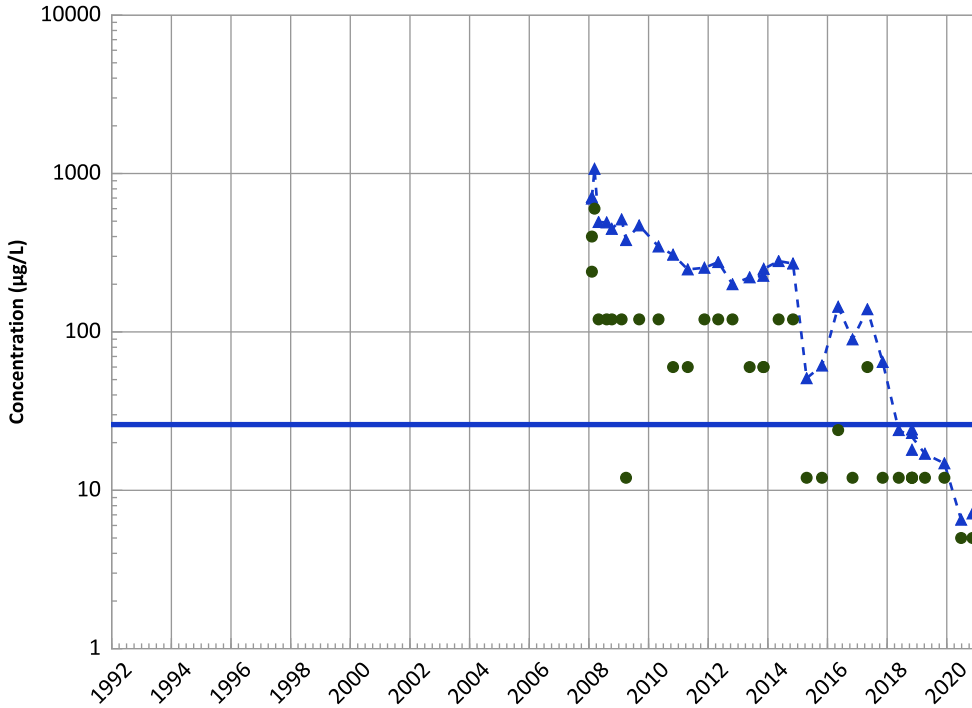
2018 - 2020 Data:

Stable

All Data:

Increasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

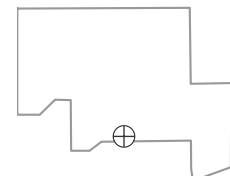
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

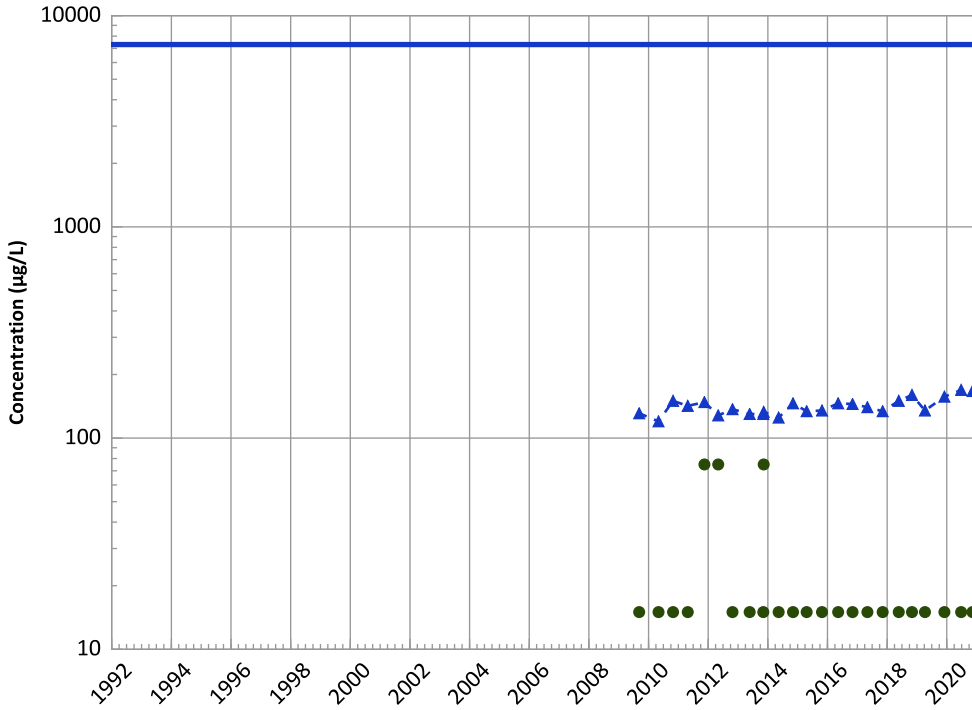
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

**PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

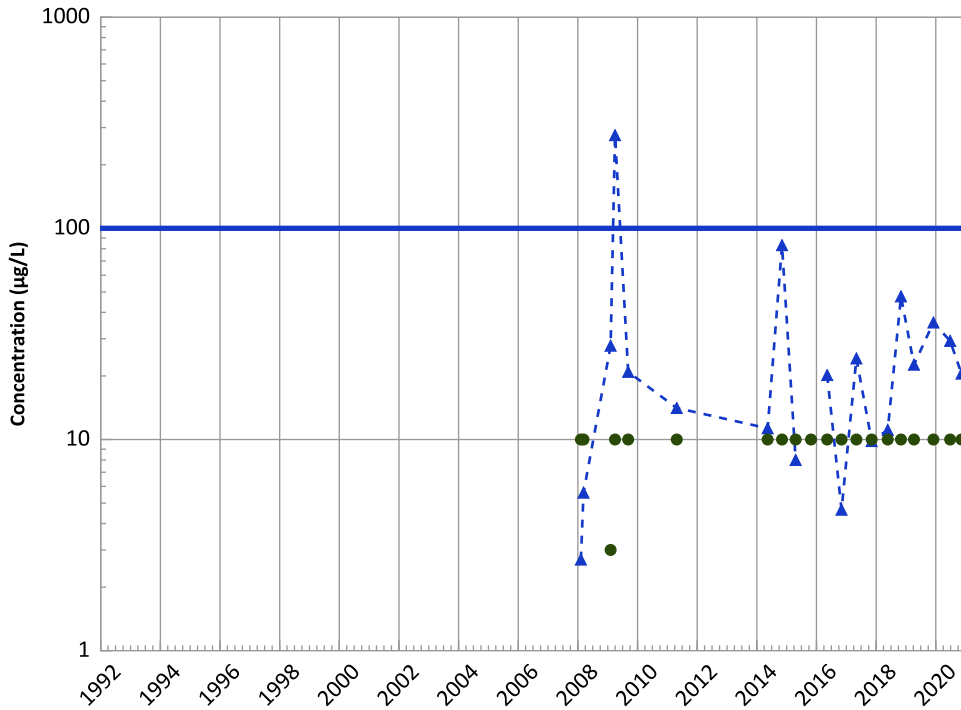
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

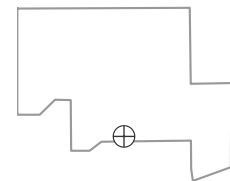
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
No Trend

Well Location

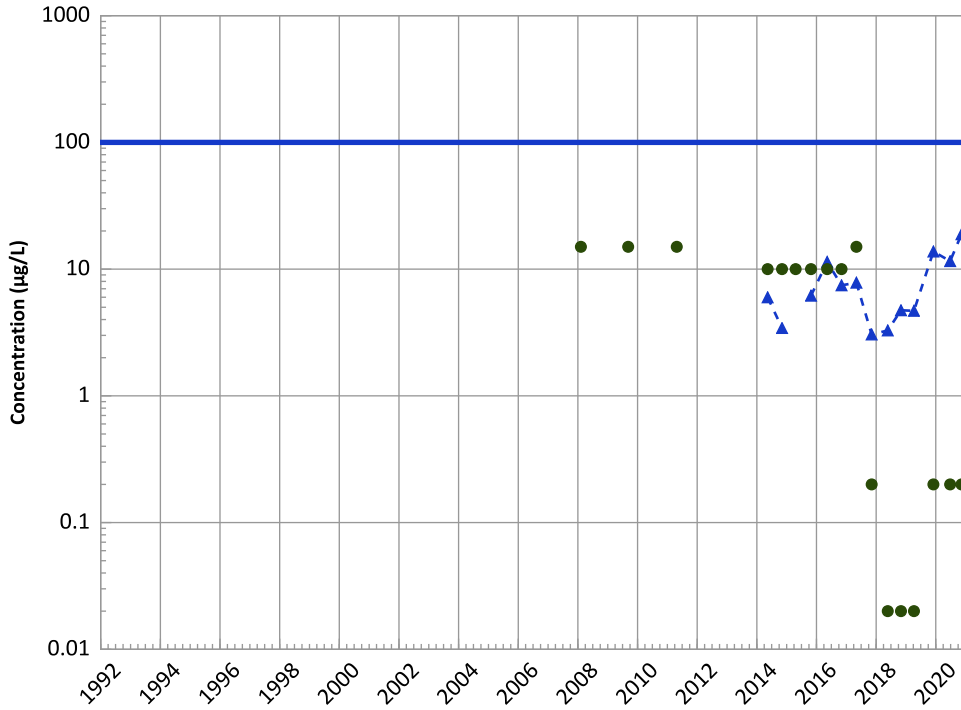


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

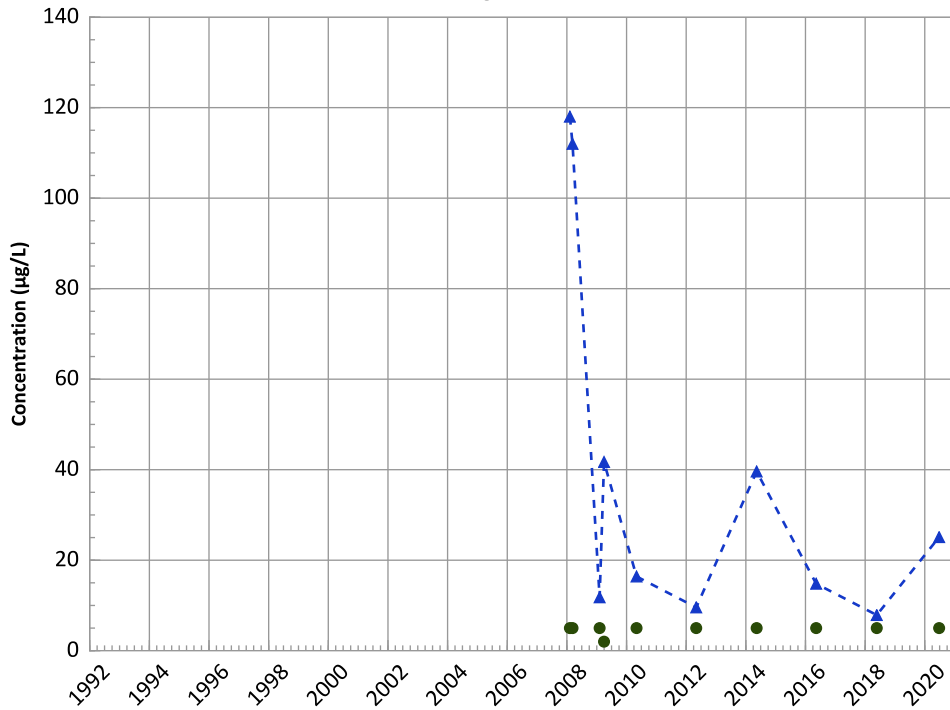
2018 - 2020 Data:

Increasing

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

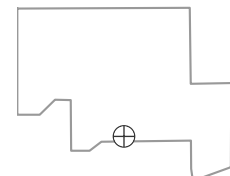
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Well Location

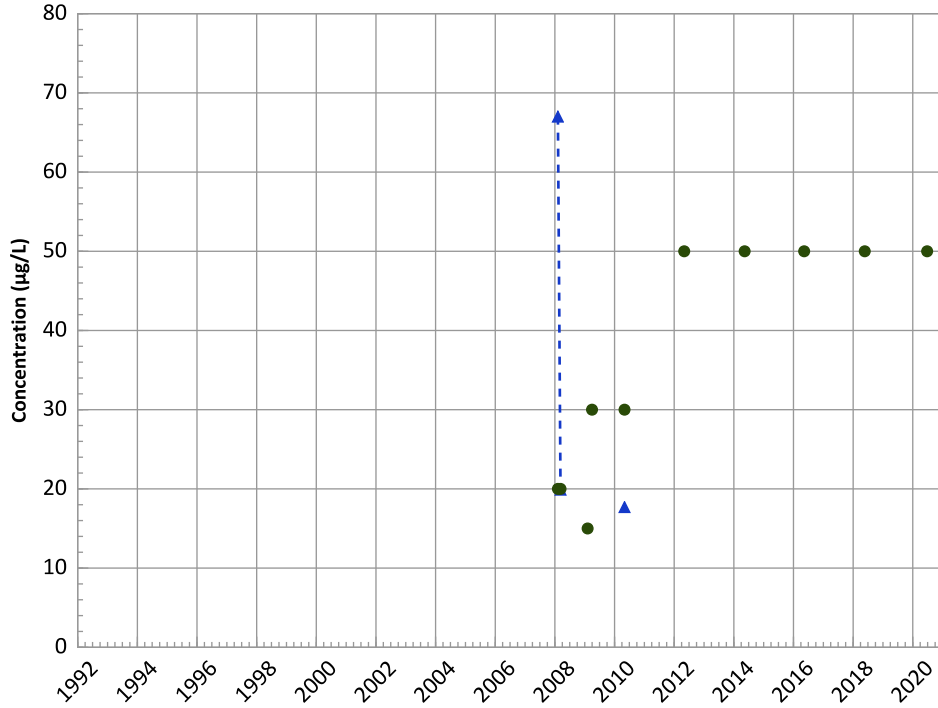


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

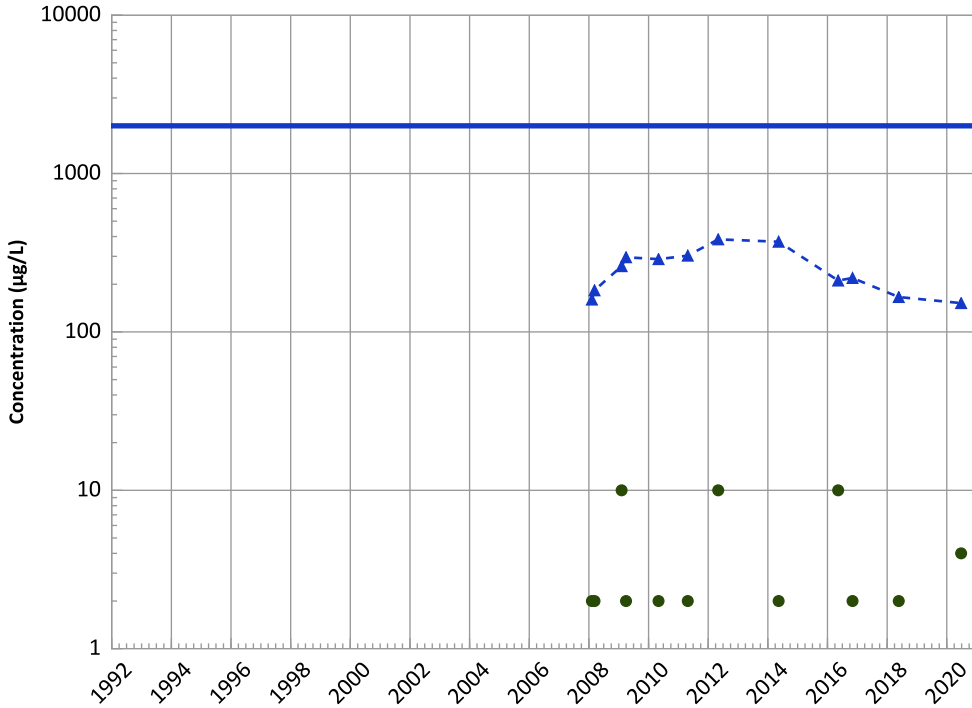
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

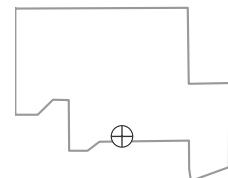
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

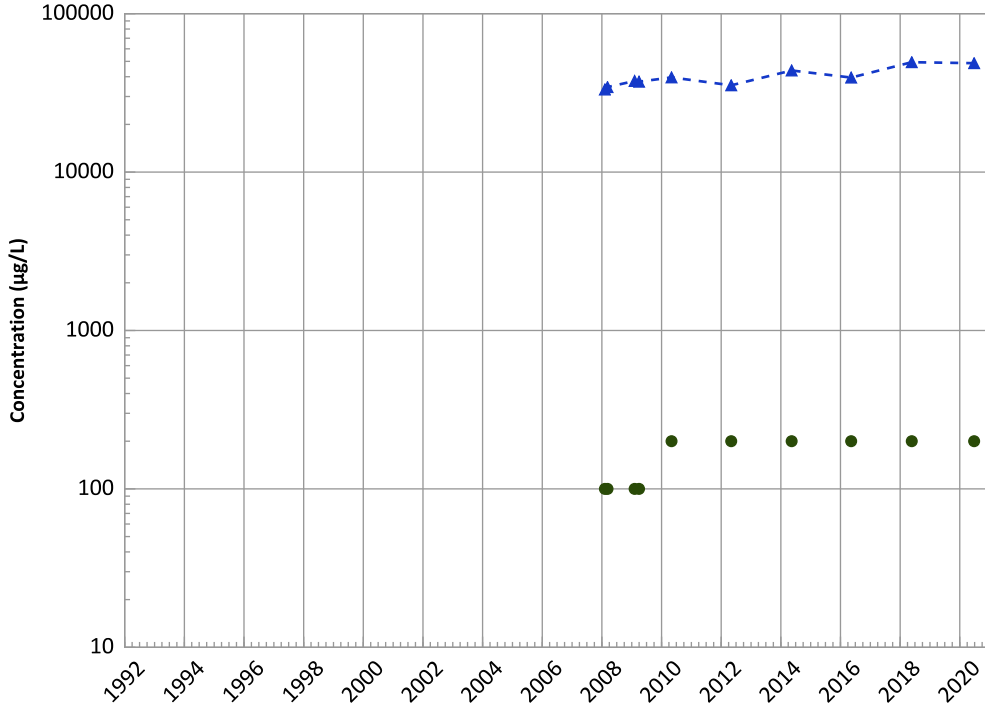
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

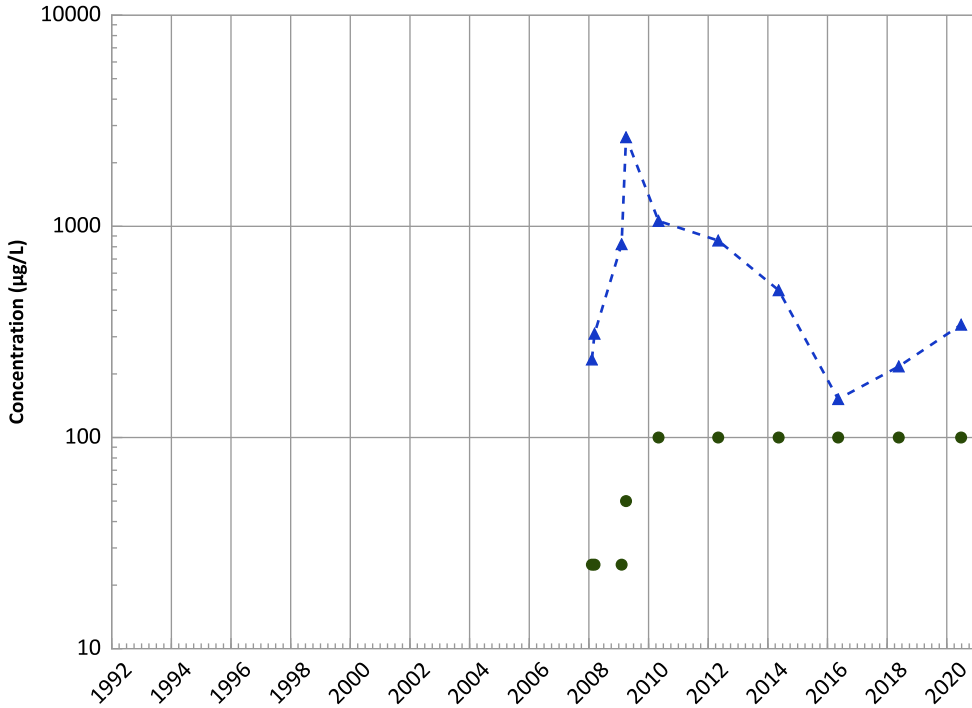
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

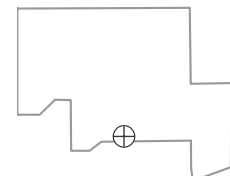
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Well Location

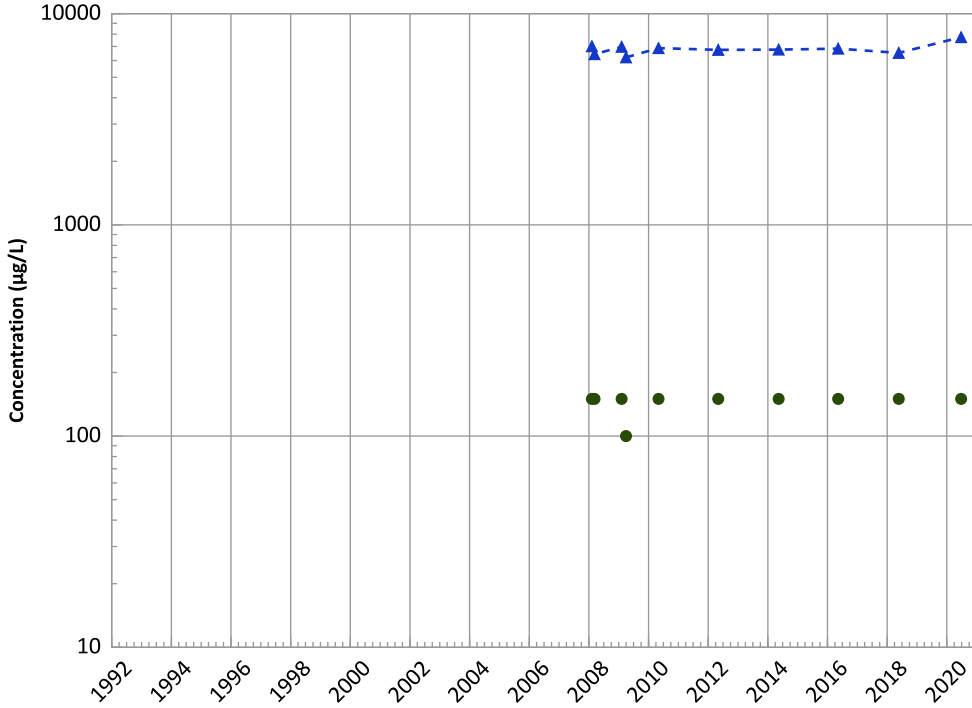


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

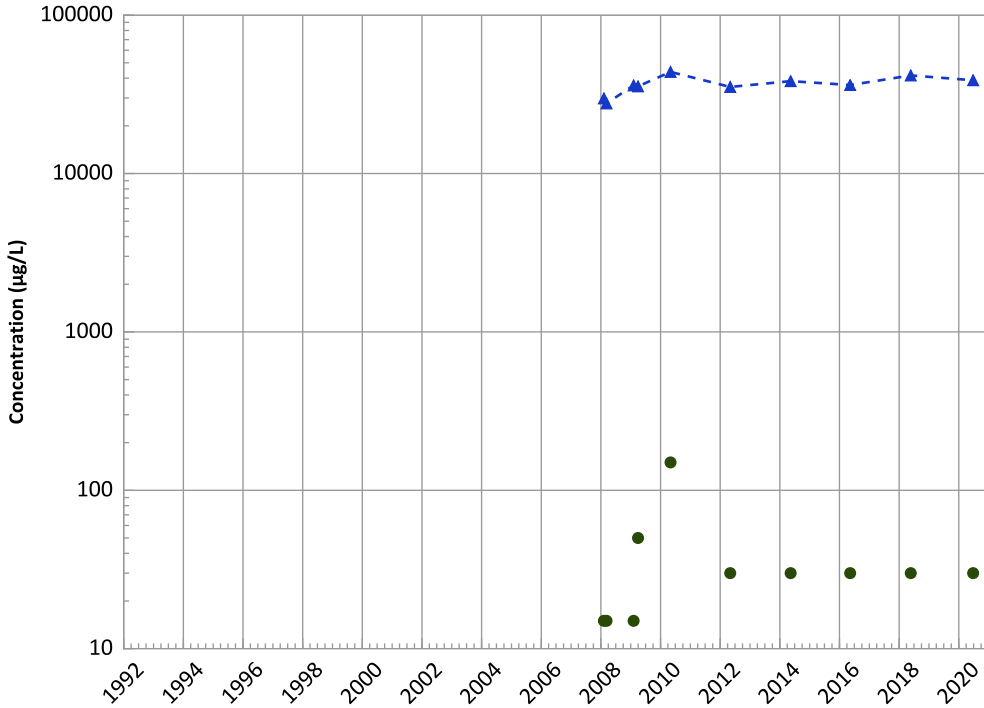
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

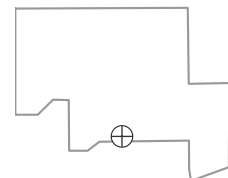
All Data:

Increasing

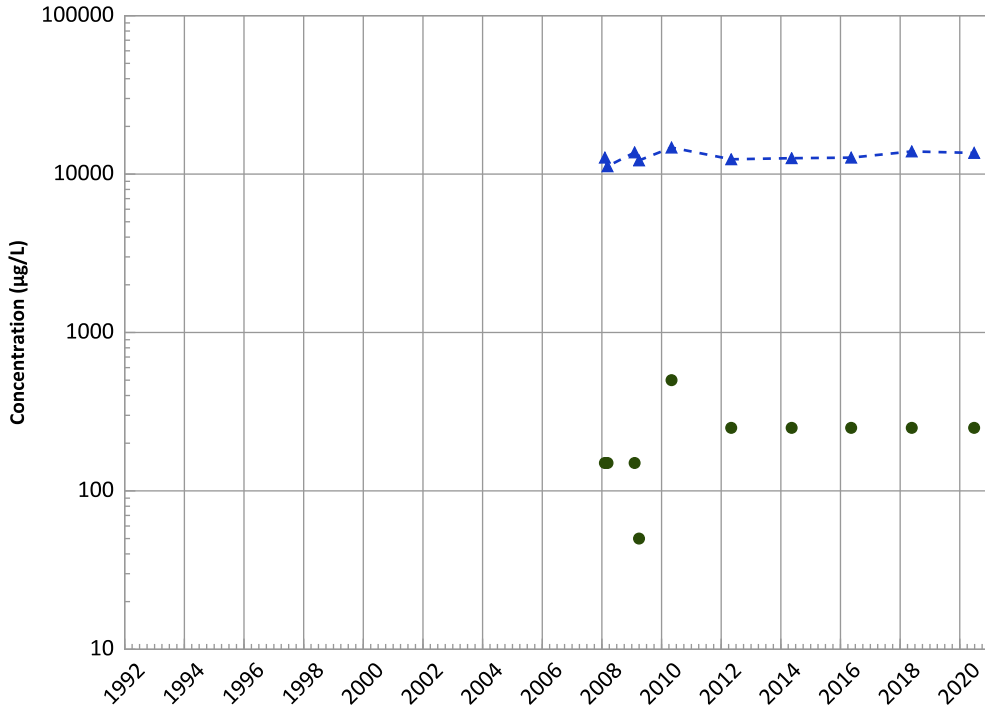
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1126 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

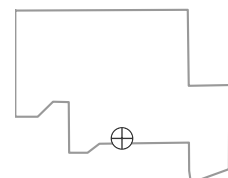
All Data:

No Trend

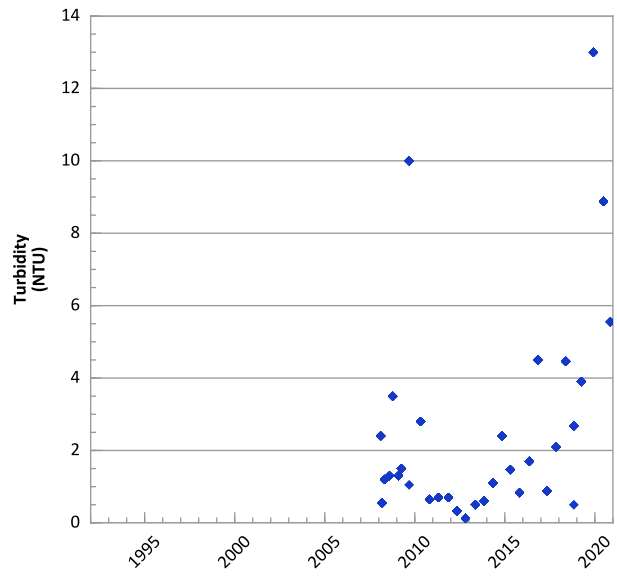
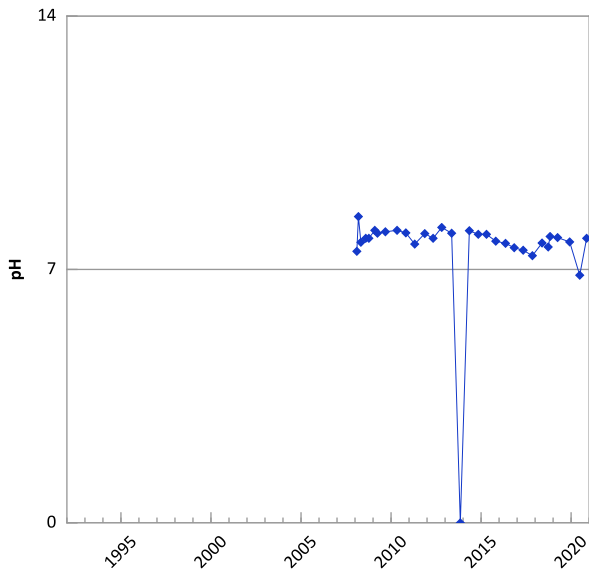
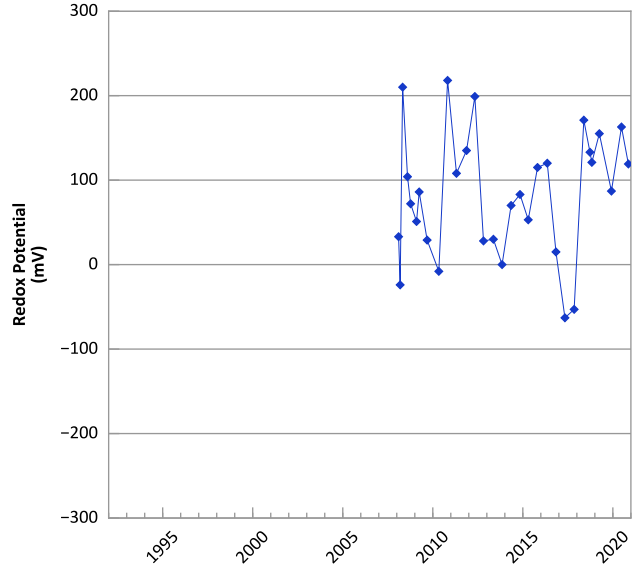
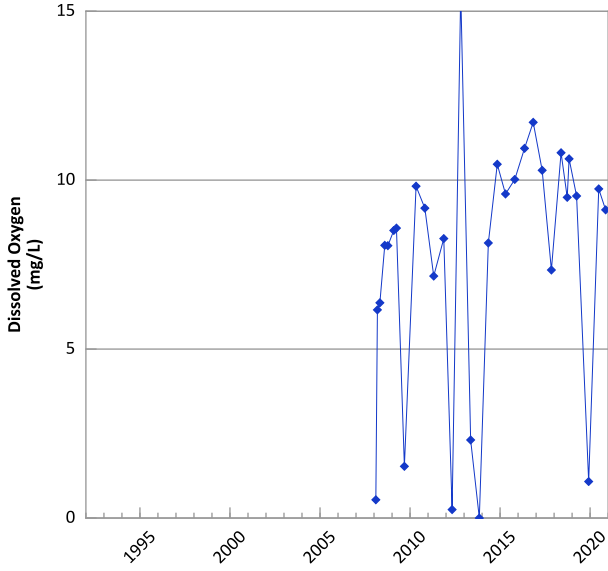
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/07/2008 to 11/11/2020
 Analysis Date: 06/03/2021

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

Well Location

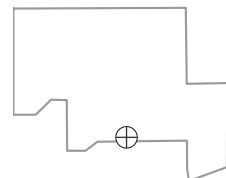


PTX06-1127 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Field Parameters



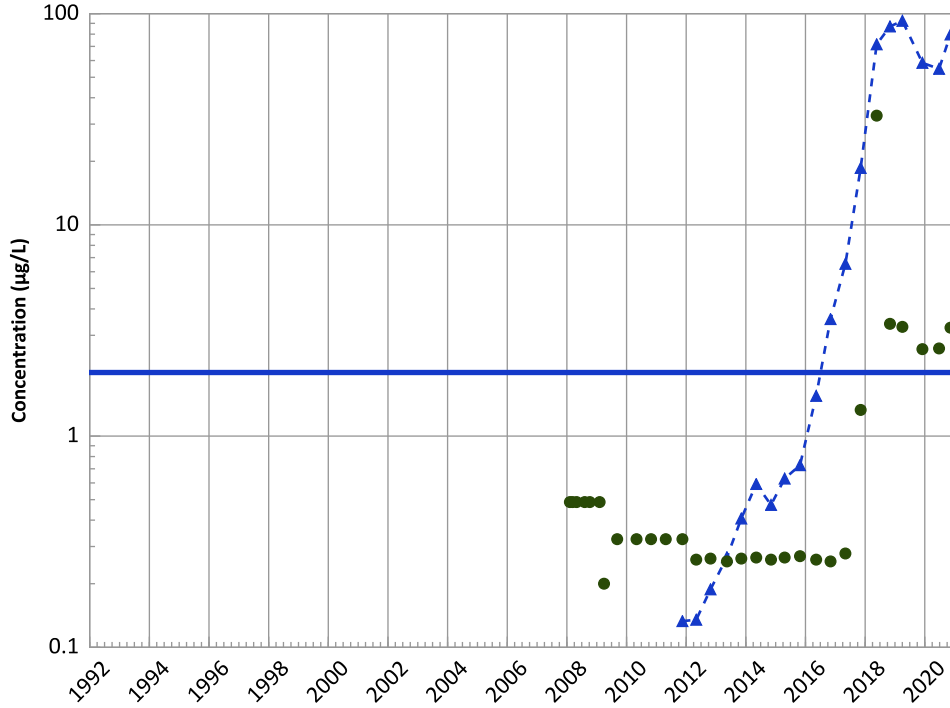
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/07/2008 to 11/11/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

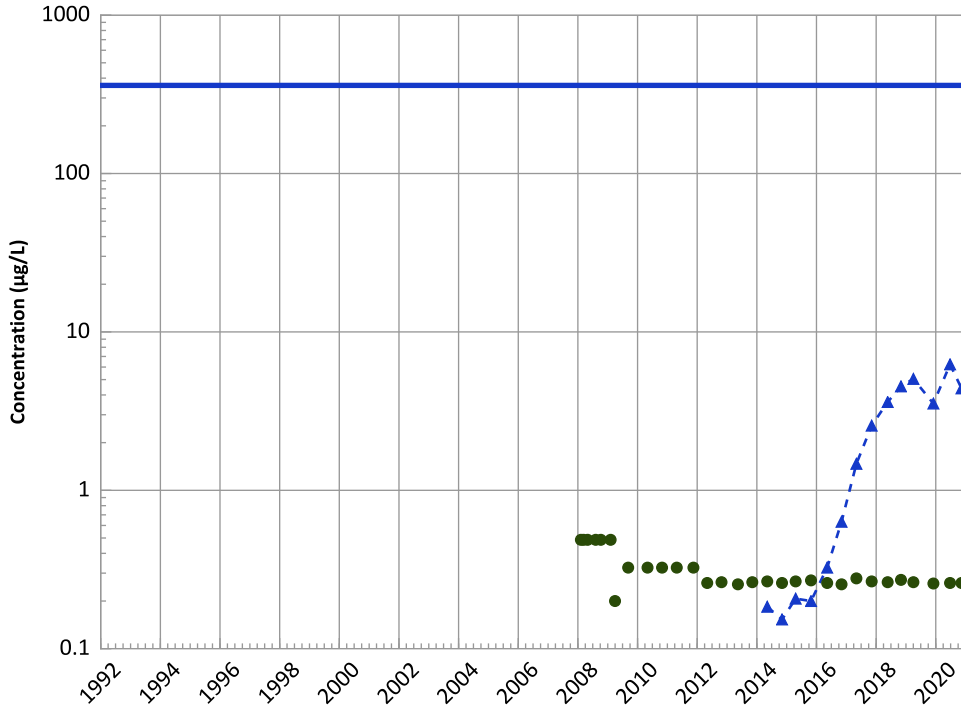
2018 - 2020 Data:

Stable

All Data:

Increasing

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

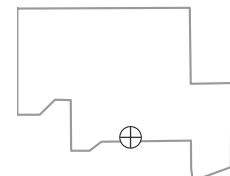
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

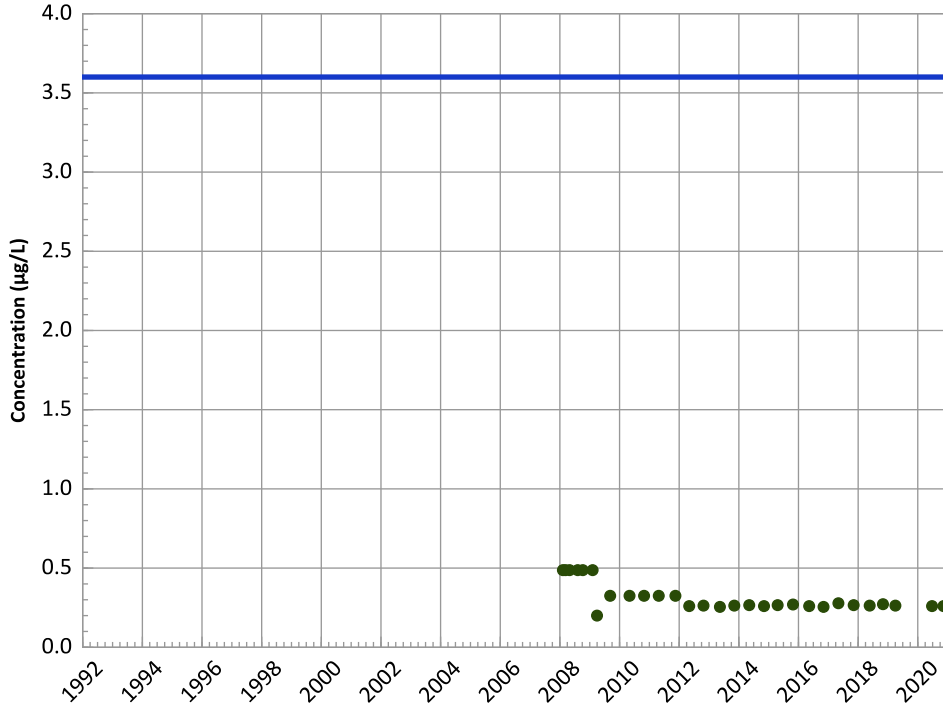


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

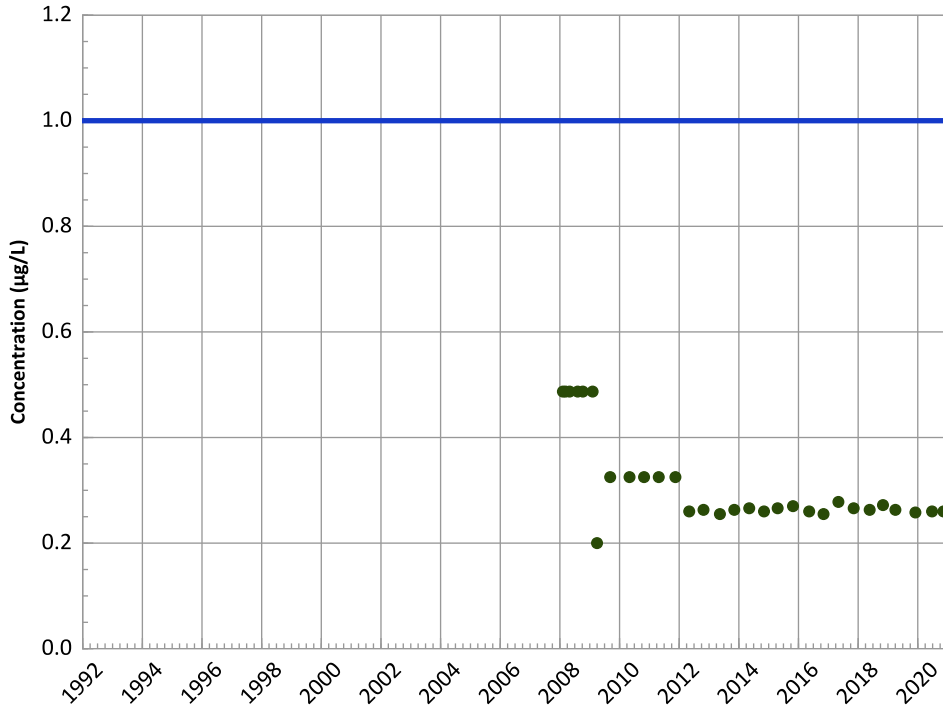
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

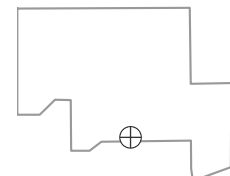
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

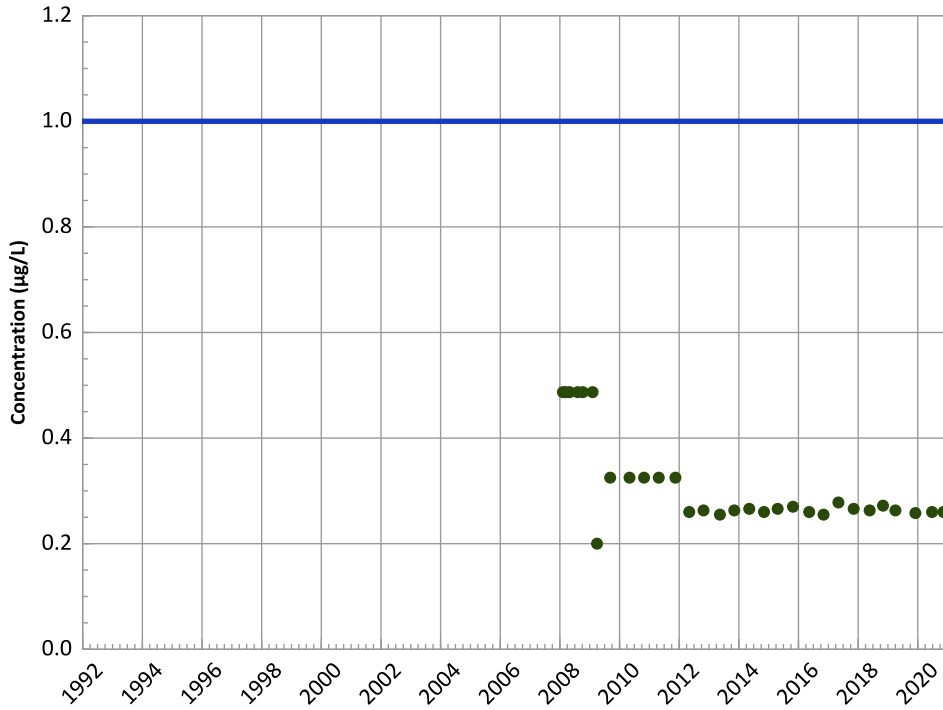


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

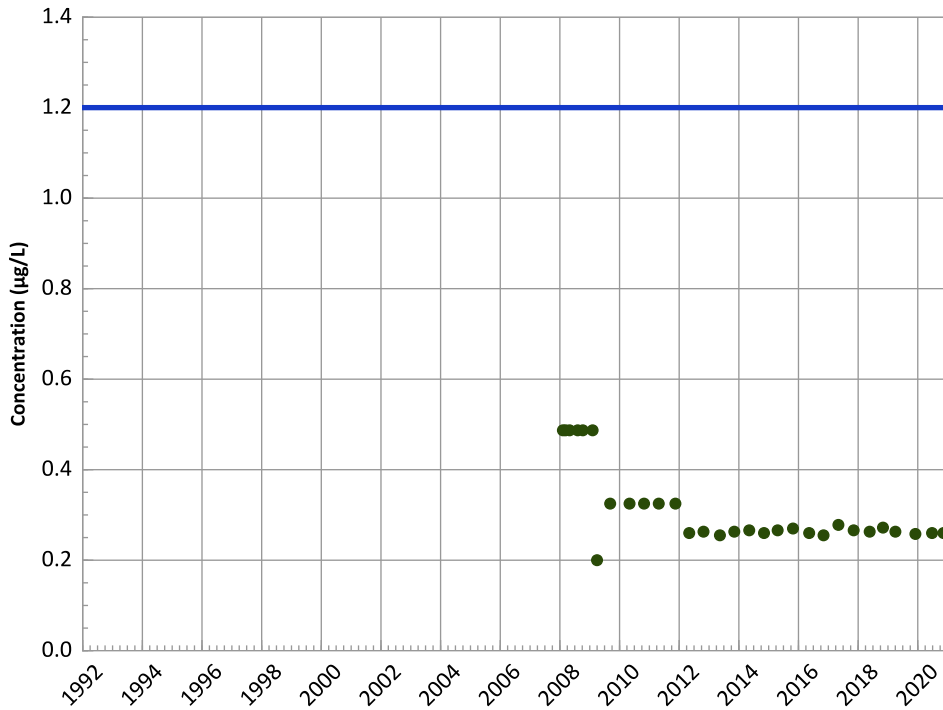
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

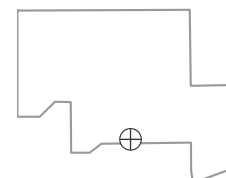
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

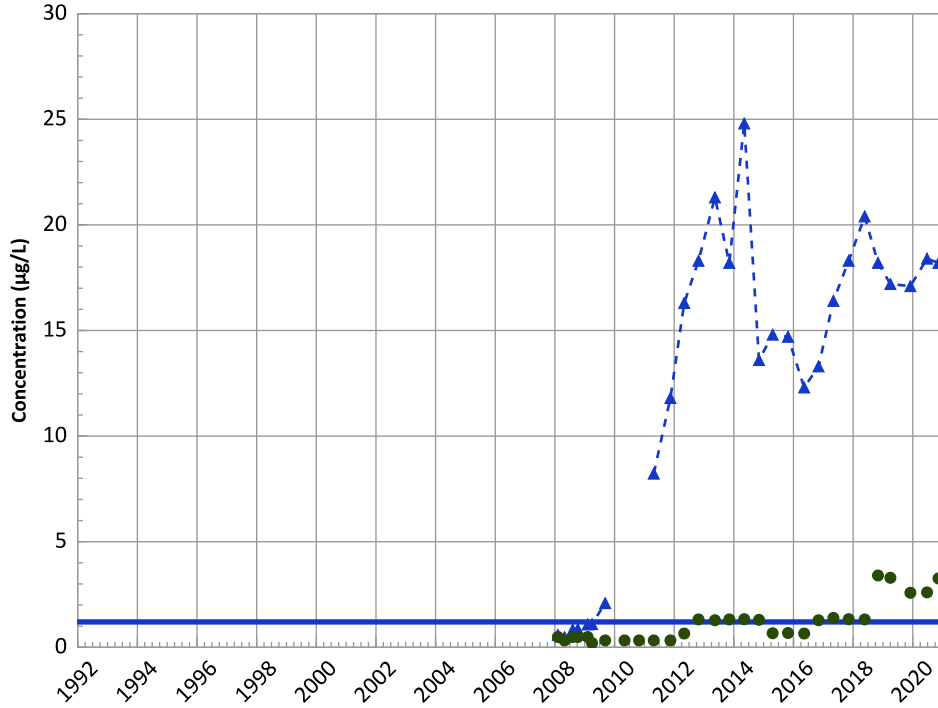


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

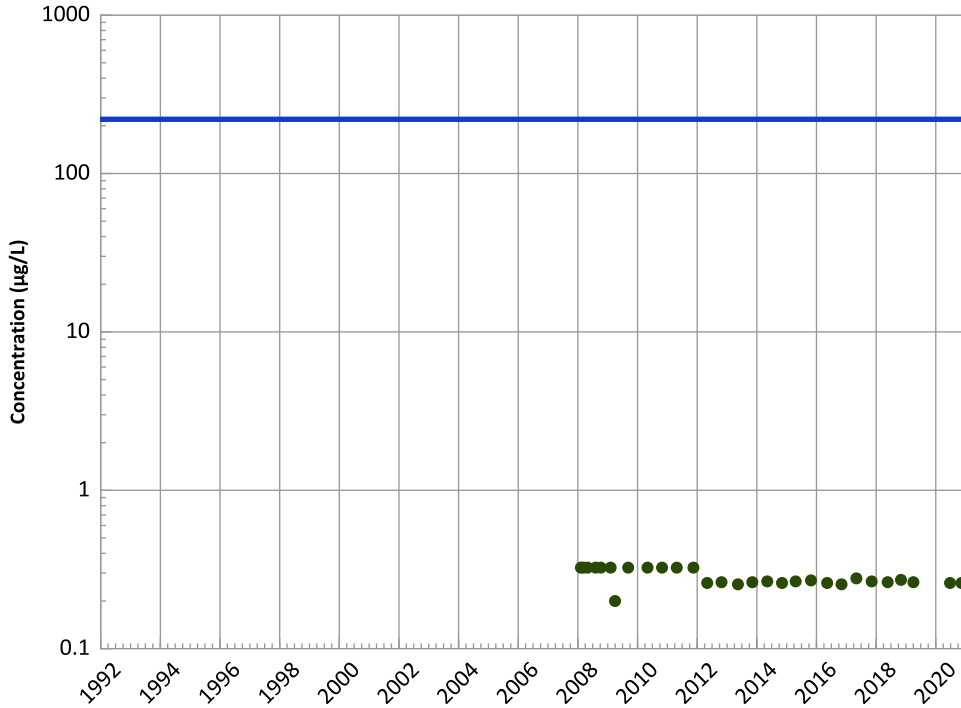
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

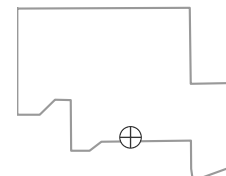
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

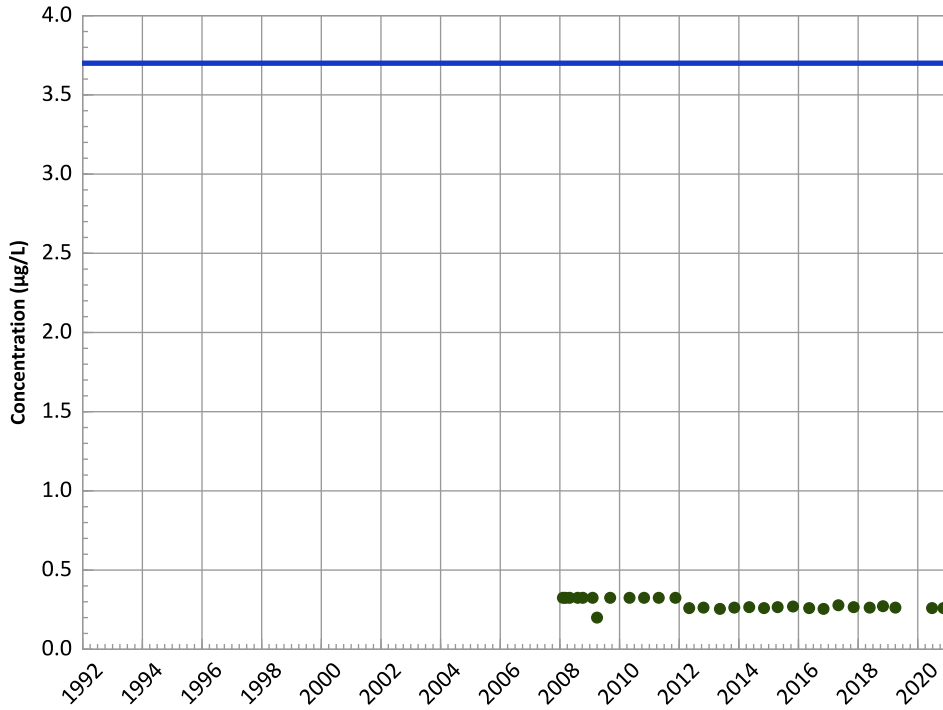
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

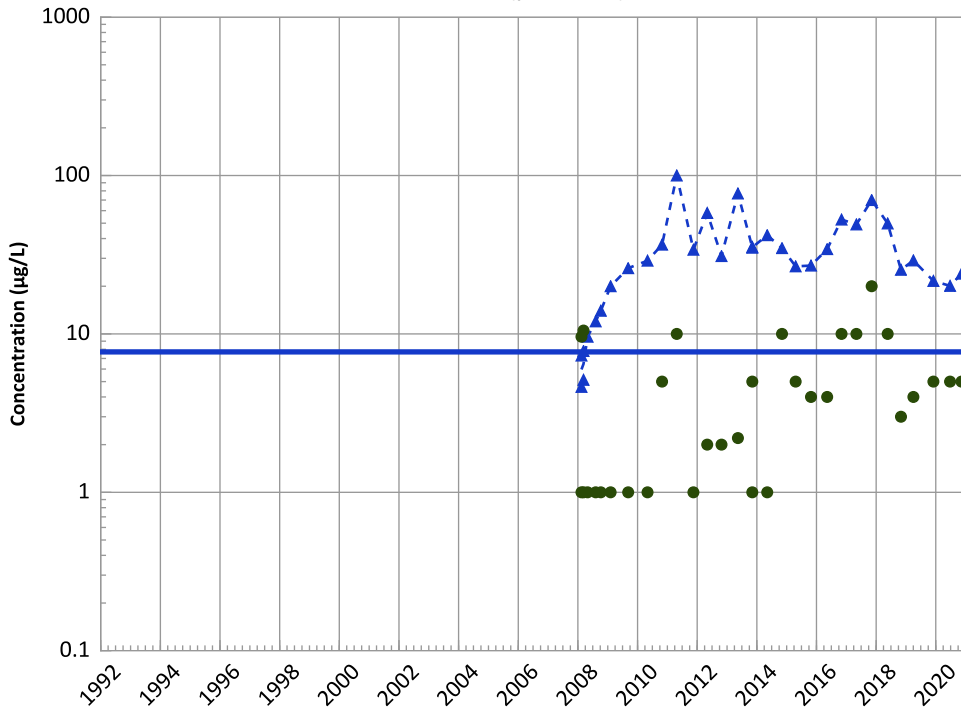
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

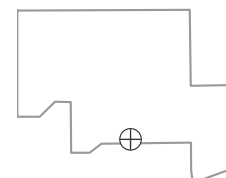
All Data:

Increasing

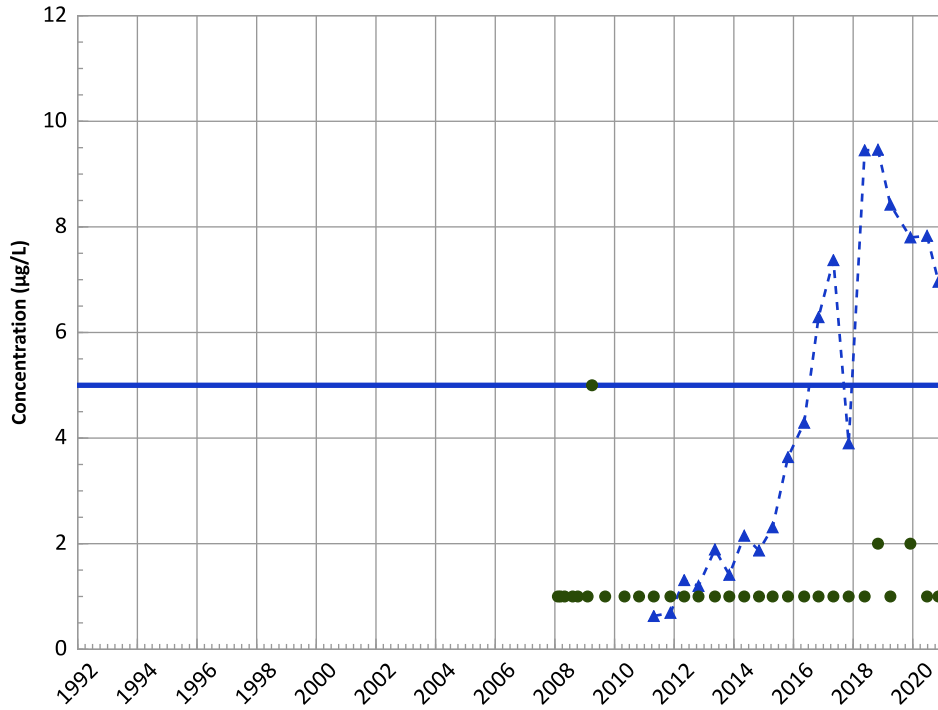
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

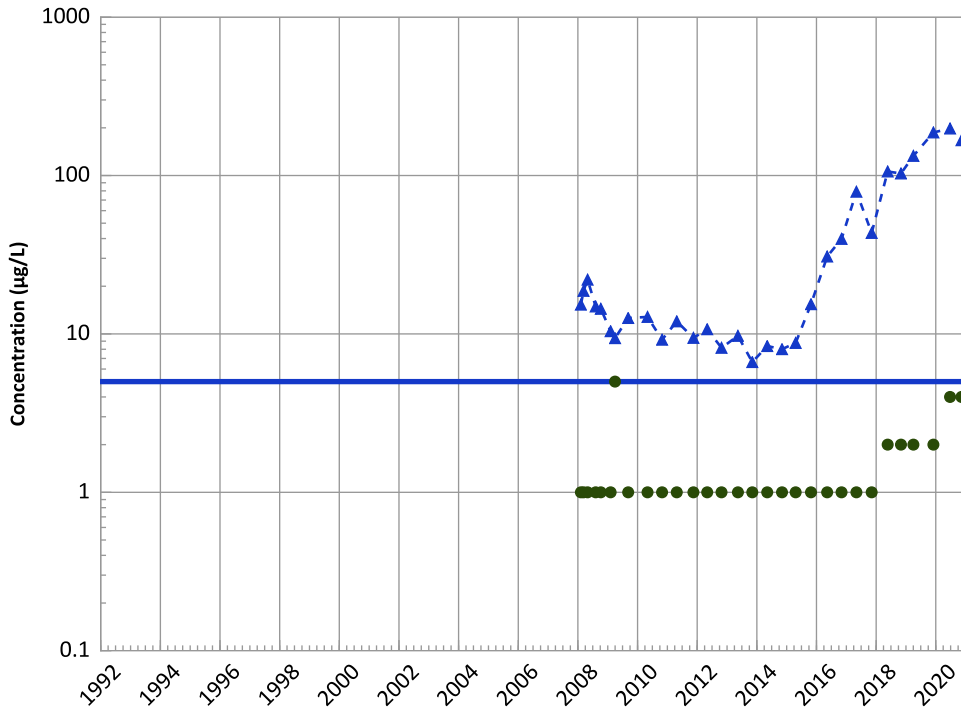


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

Trichloroethene Trend

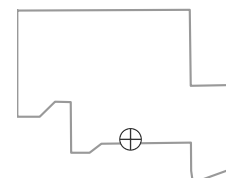


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

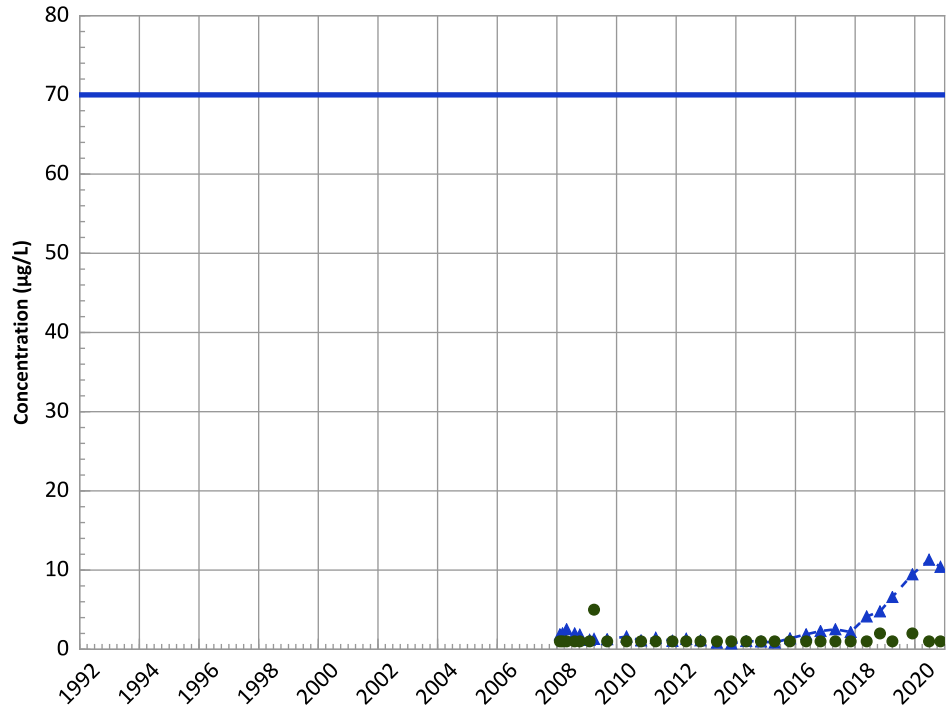
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

**PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

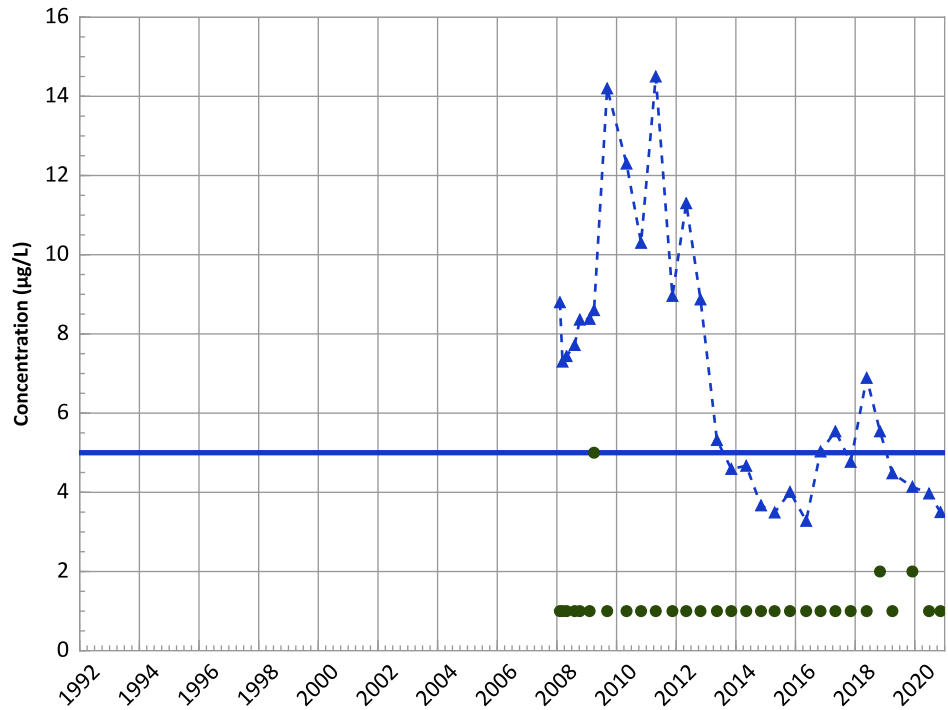
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend

All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

MAROS Linear Regression Method

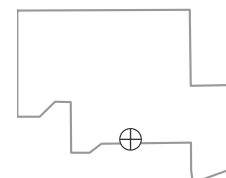
2018 - 2020 Data:
Decreasing

All Data:
Decreasing

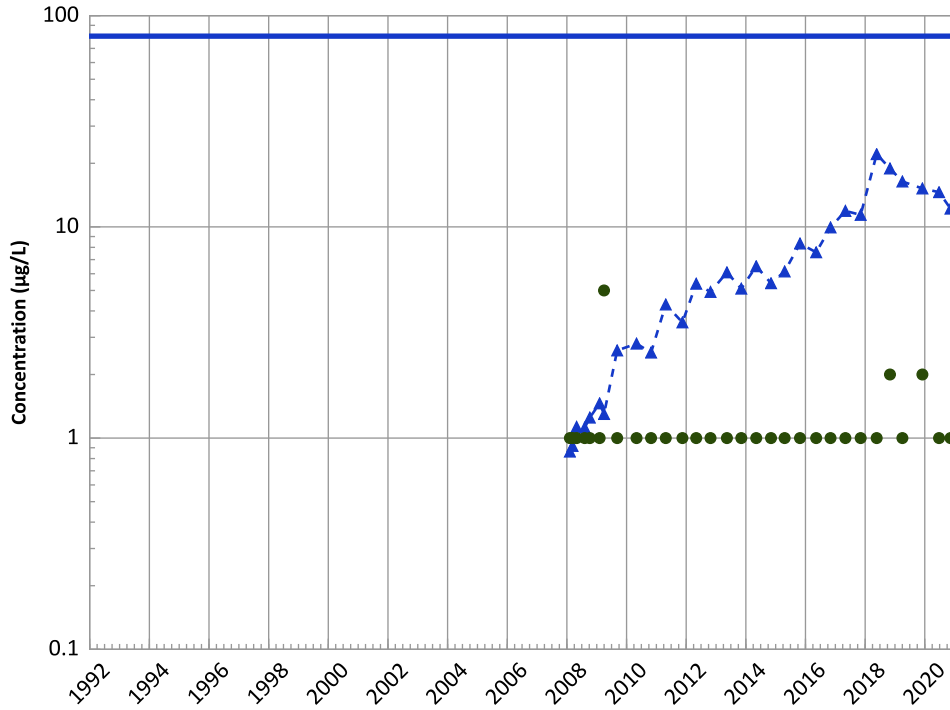
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

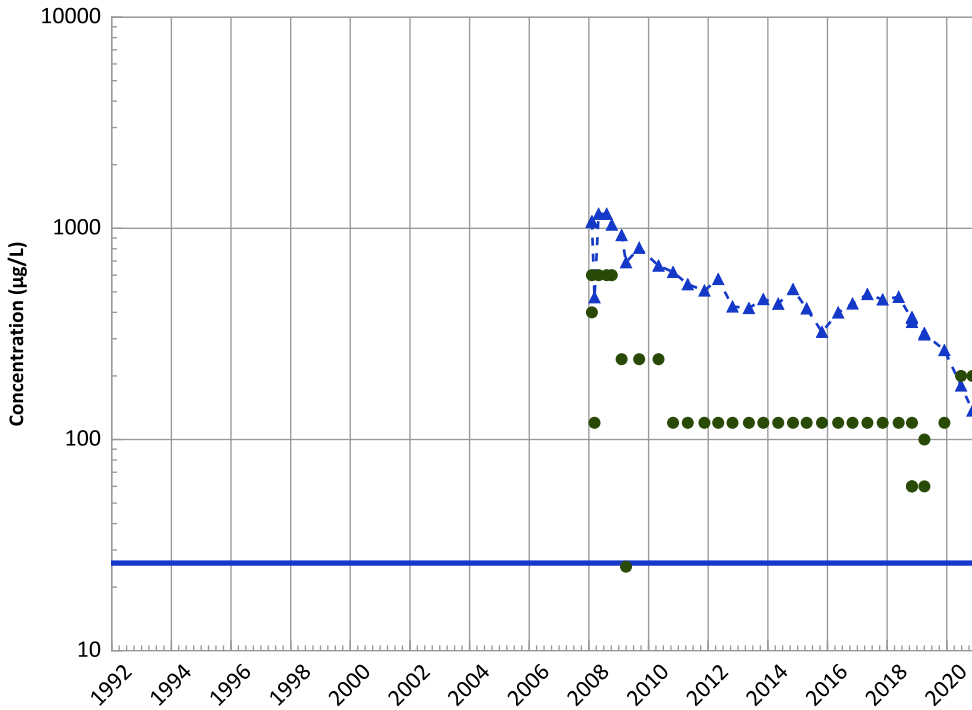
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

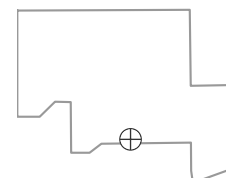
All Data:

Decreasing

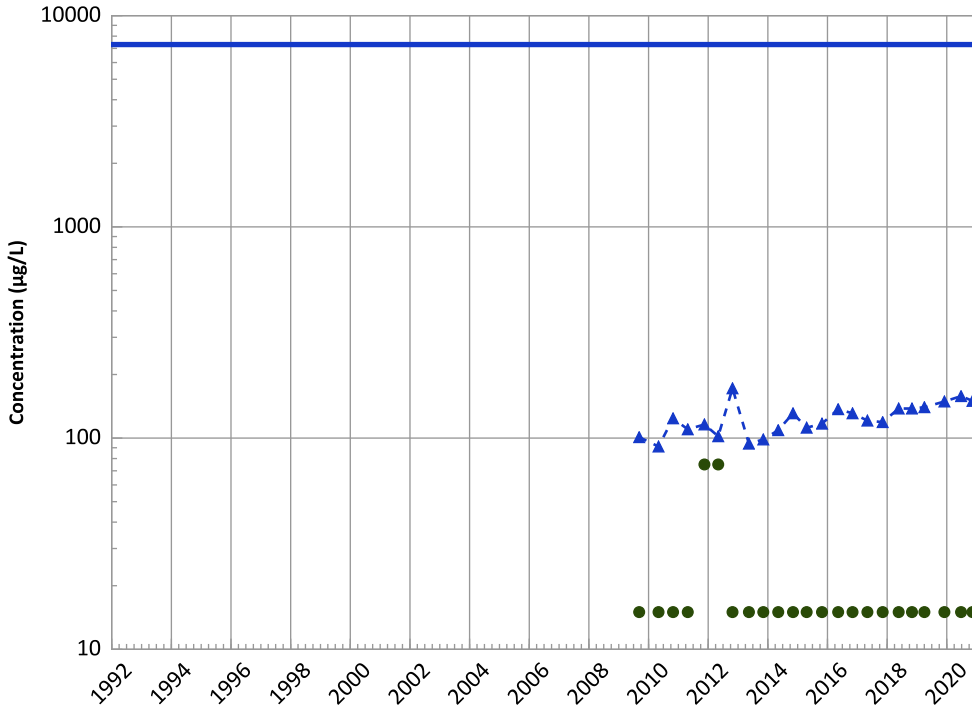
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/07/2008 to 11/11/2020
 Analysis Date: 06/03/2021

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

Well Location



**PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

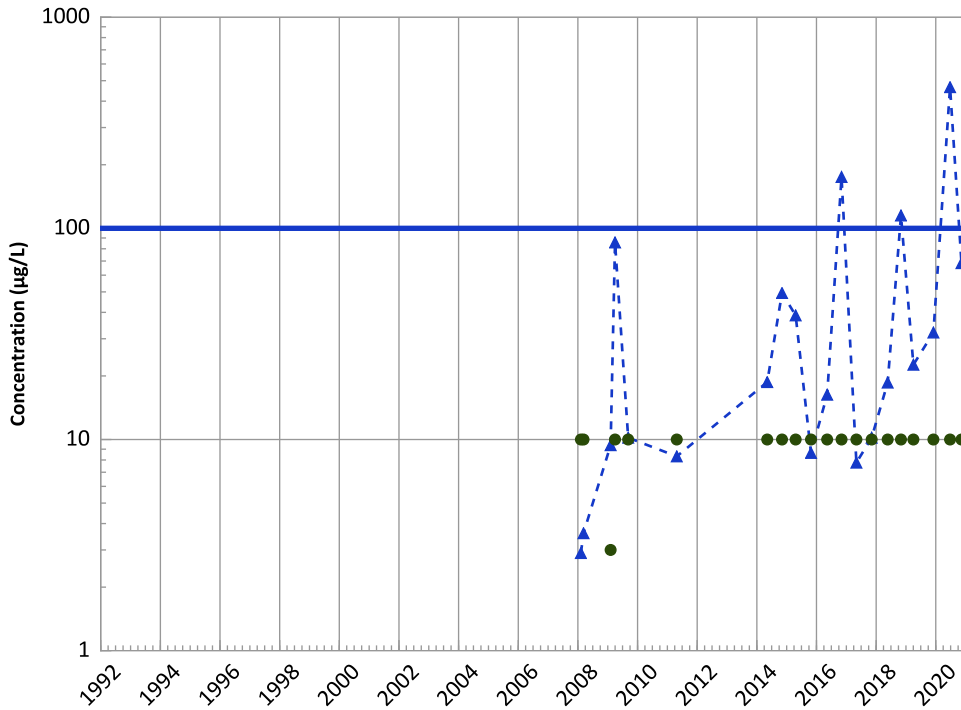
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

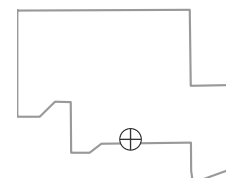
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

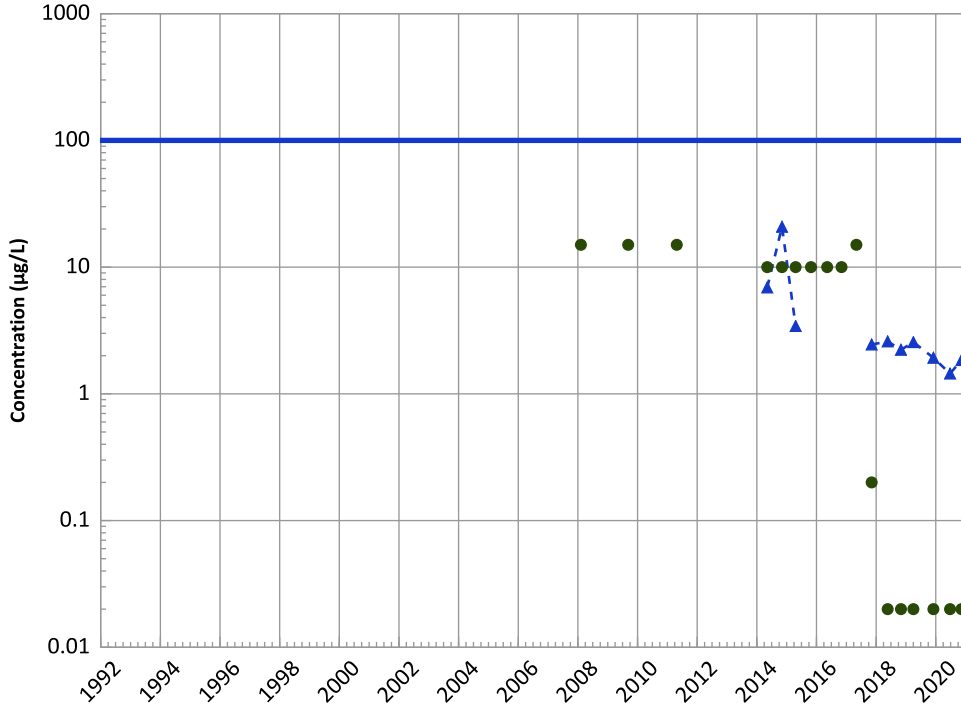
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

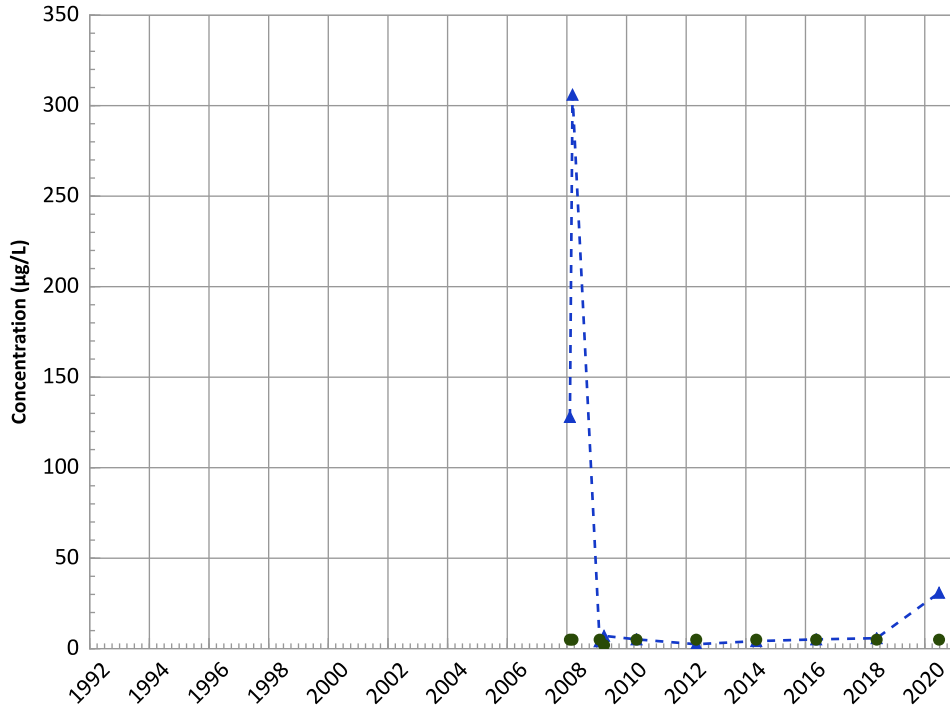
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

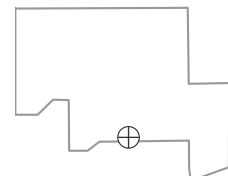
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

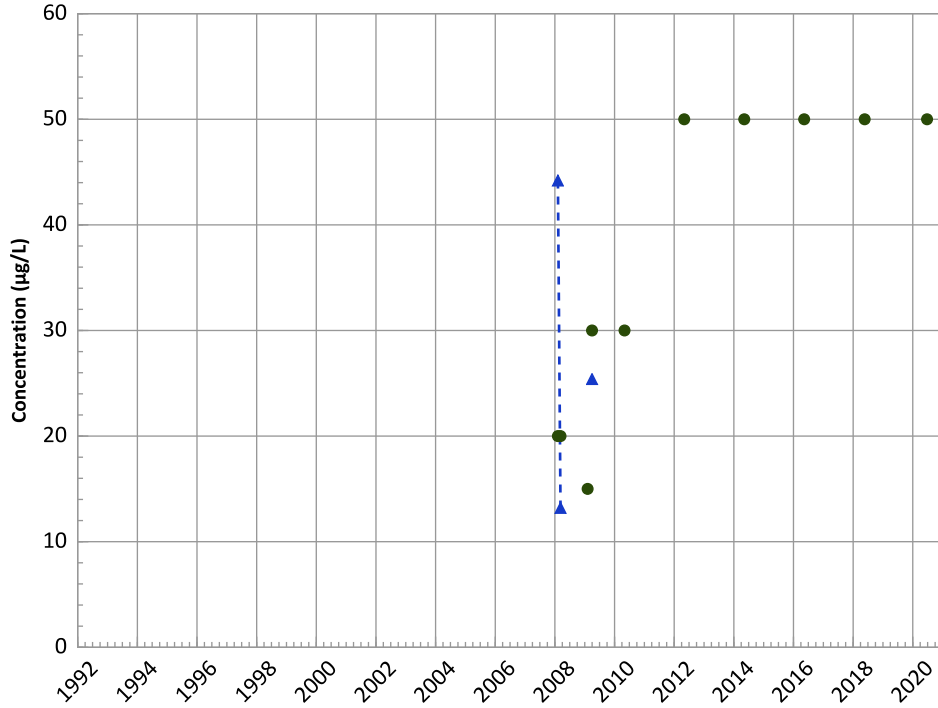
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

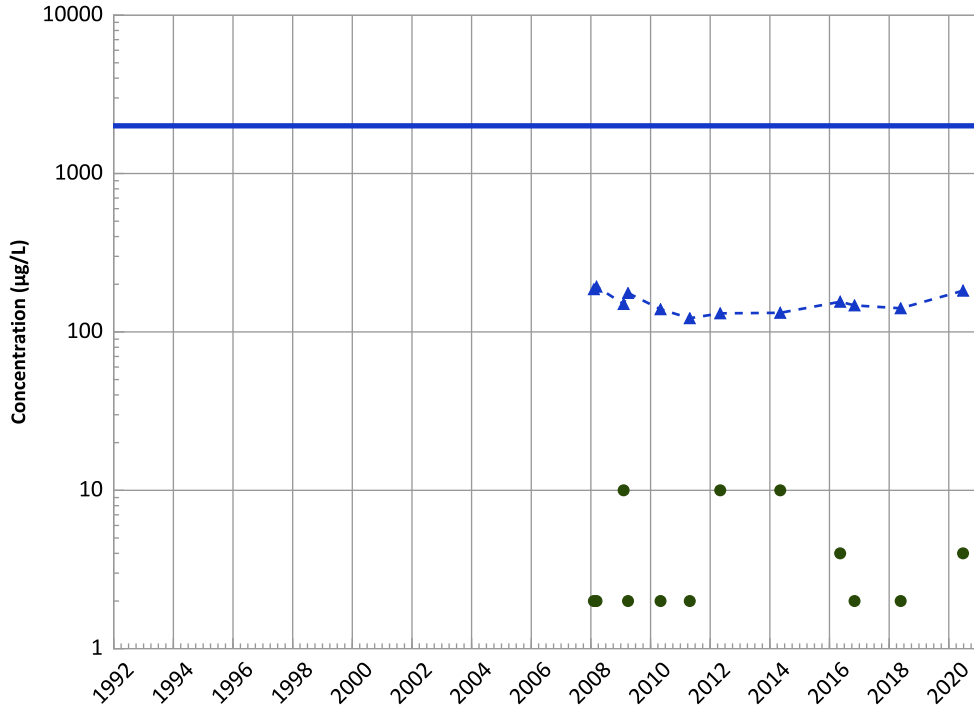
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

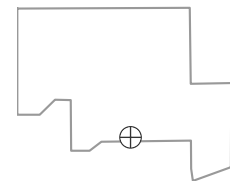
2018 - 2020 Data:

No Trend

All Data:

Stable

Well Location

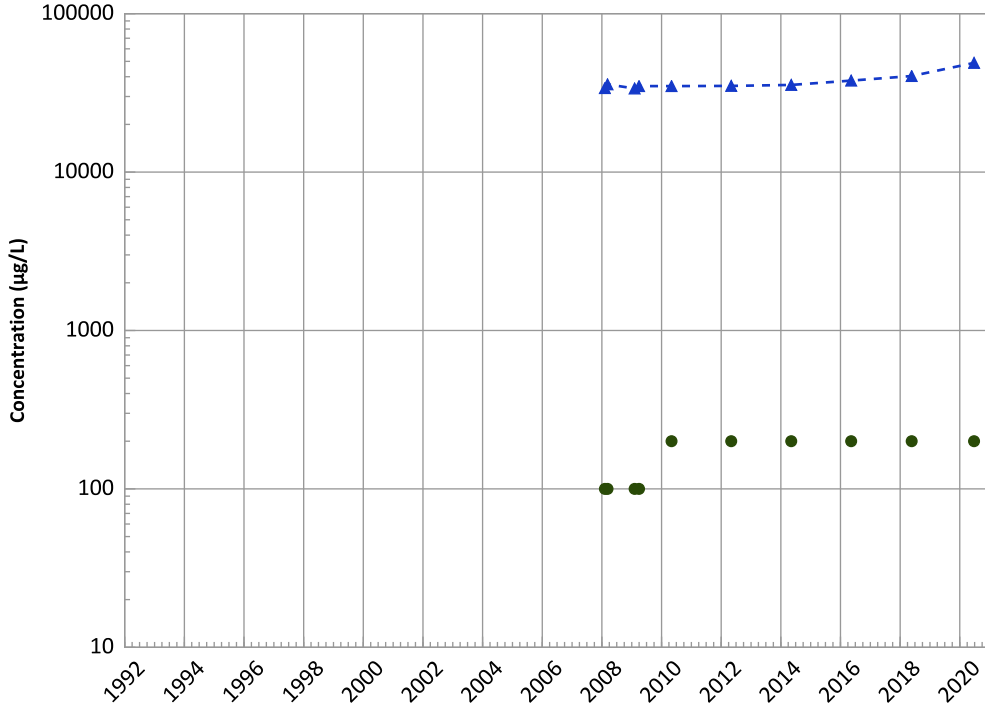


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

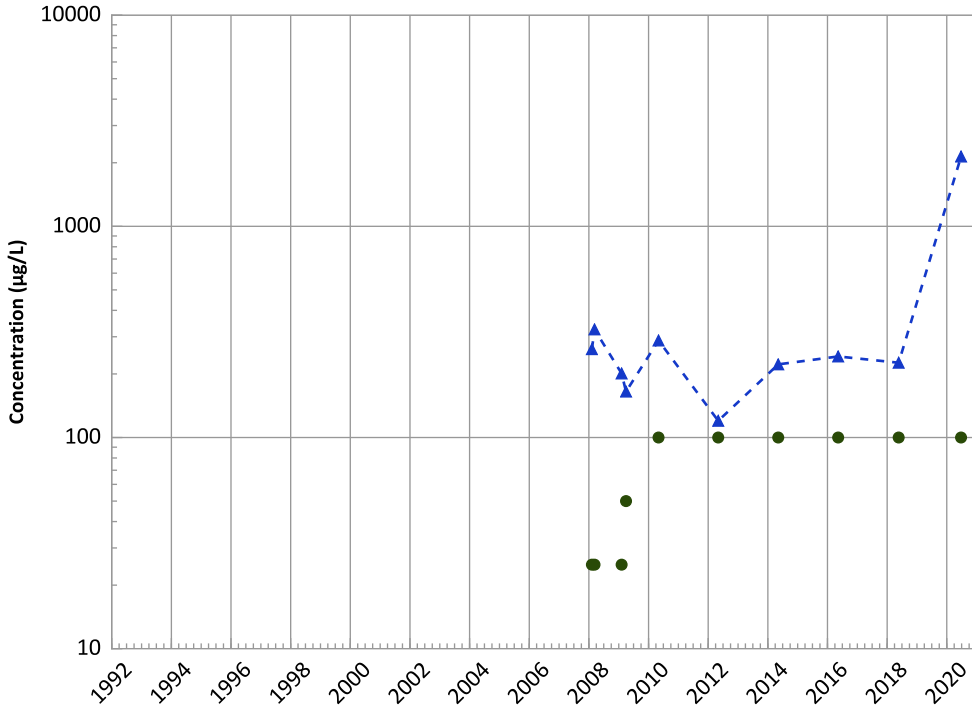
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

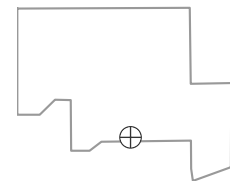
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Well Location

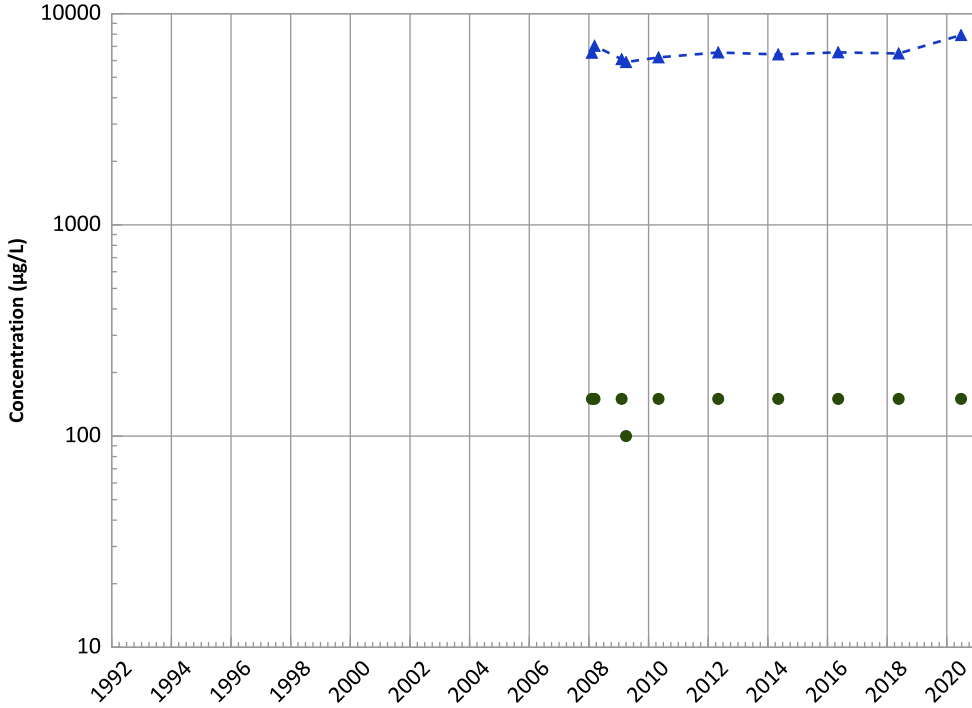


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

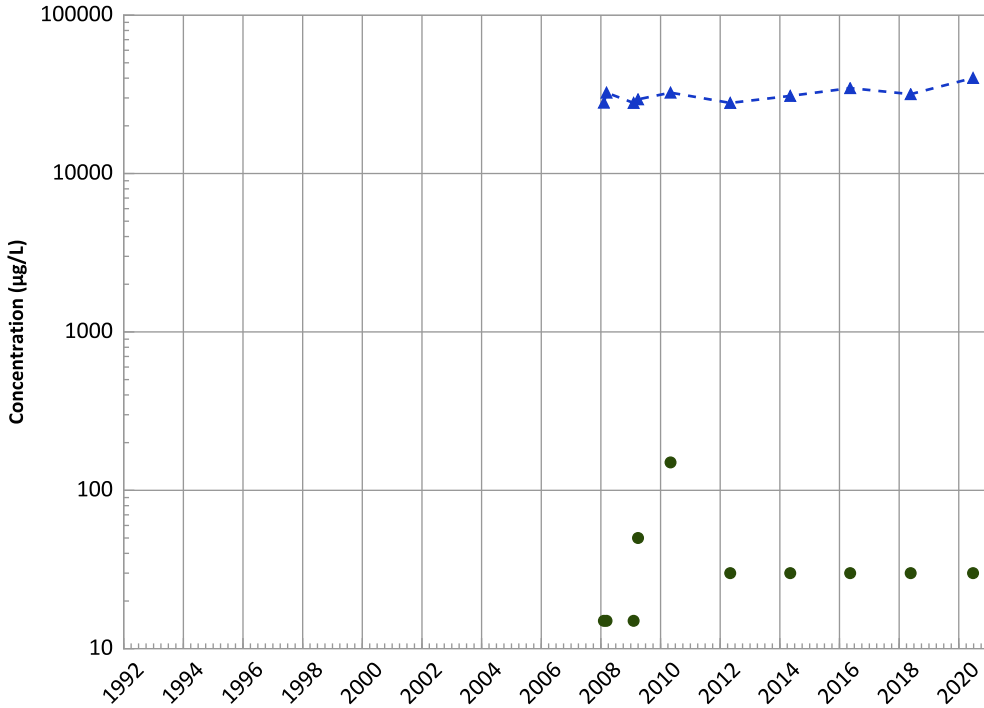
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

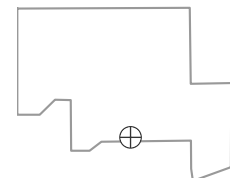
All Data:

Increasing

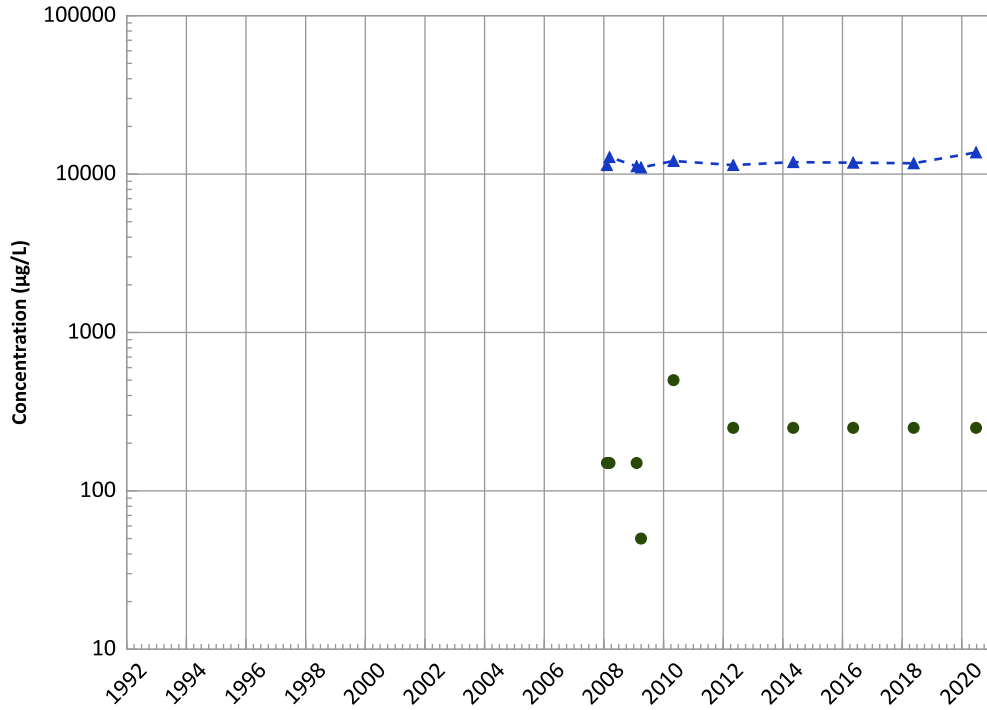
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/07/2008 to 11/11/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1127 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

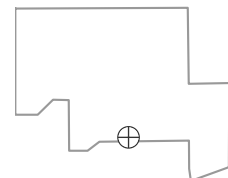
All Data:

Probably Increasing

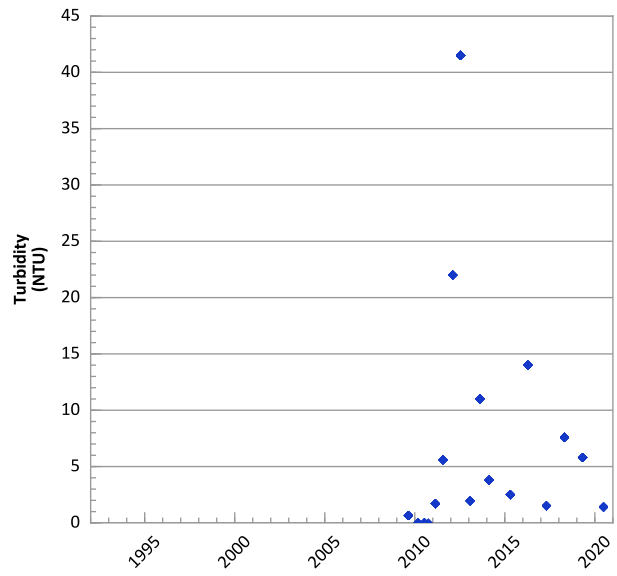
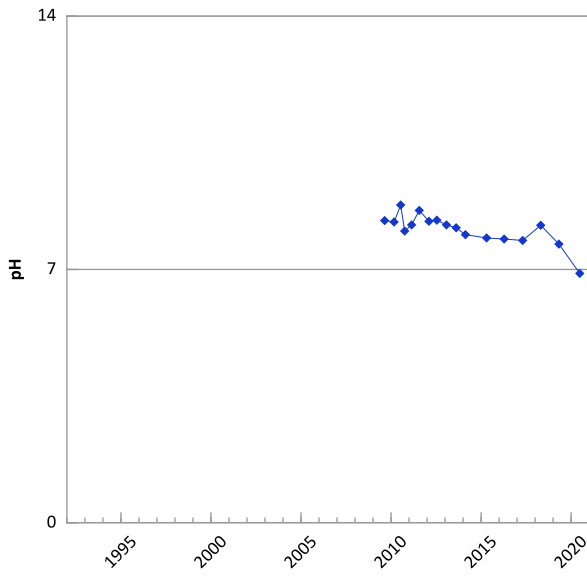
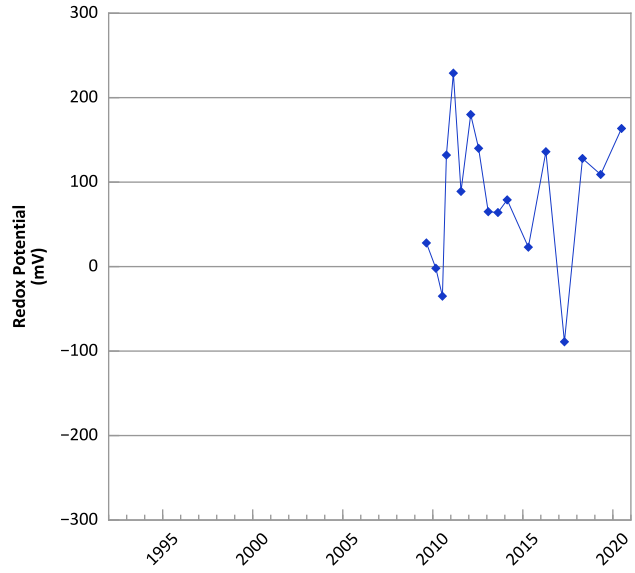
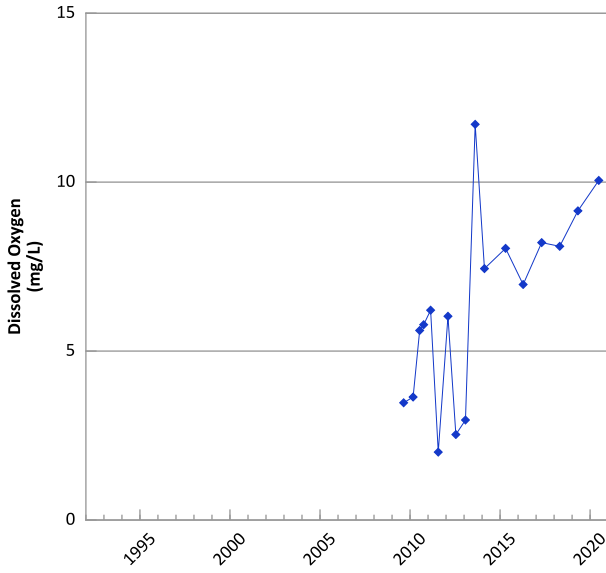
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/07/2008 to 11/11/2020
 Analysis Date: 06/03/2021

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

Well Location

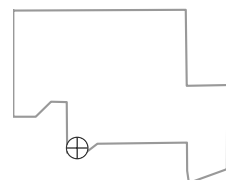


**PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



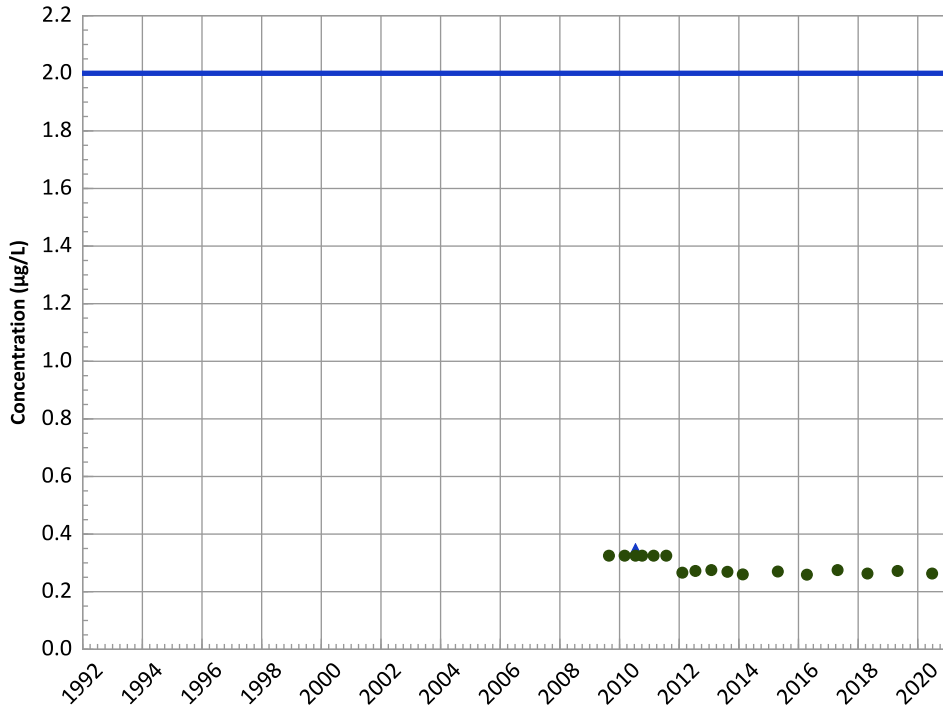
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/24/2009 to 06/25/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

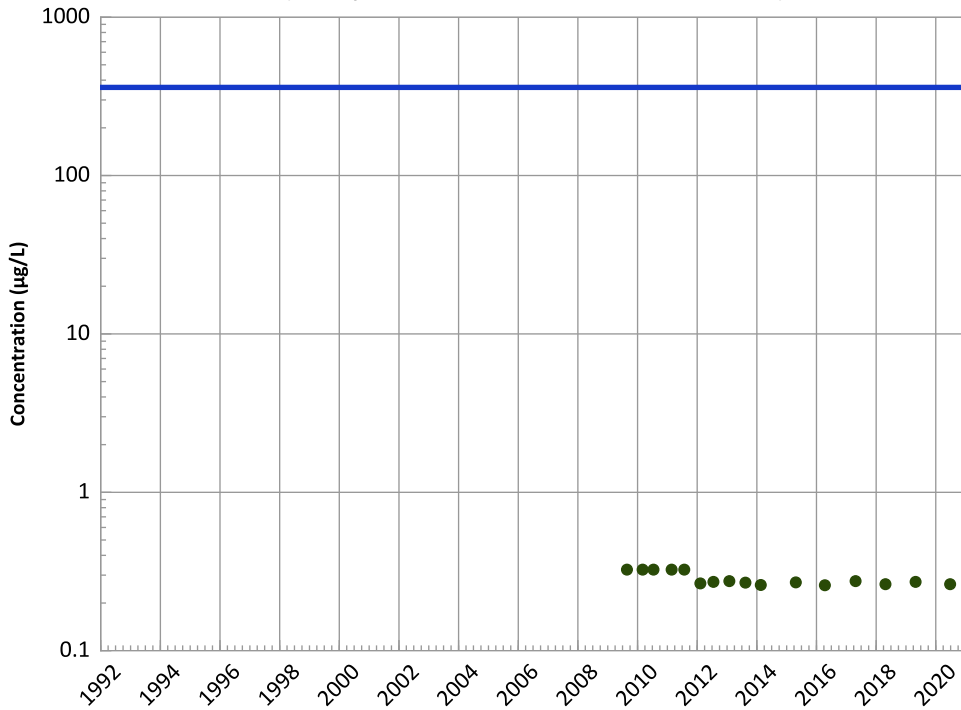
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

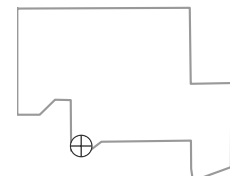
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

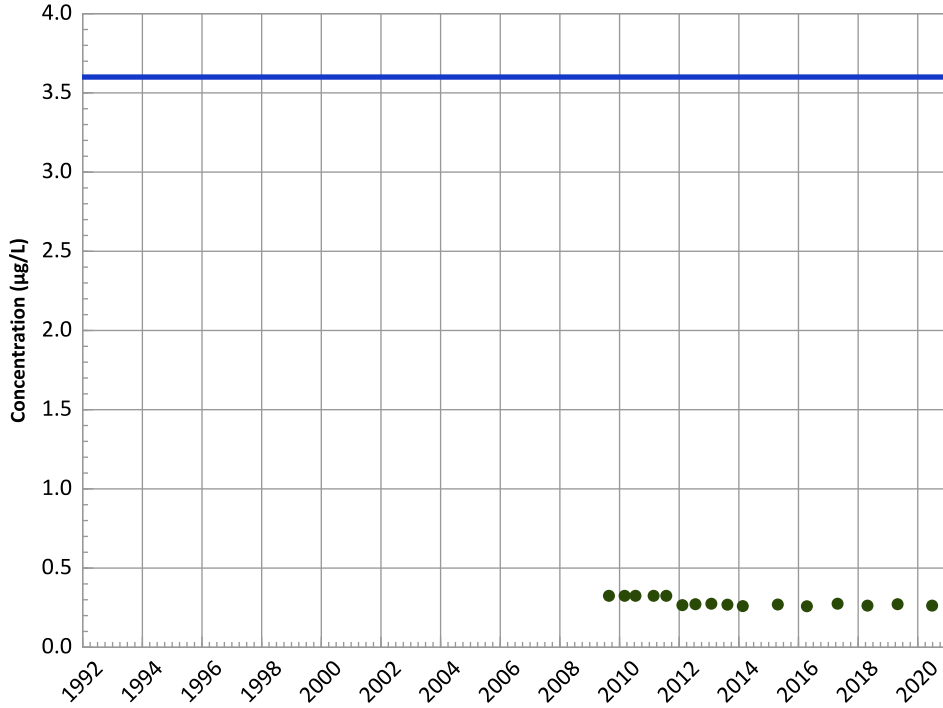
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

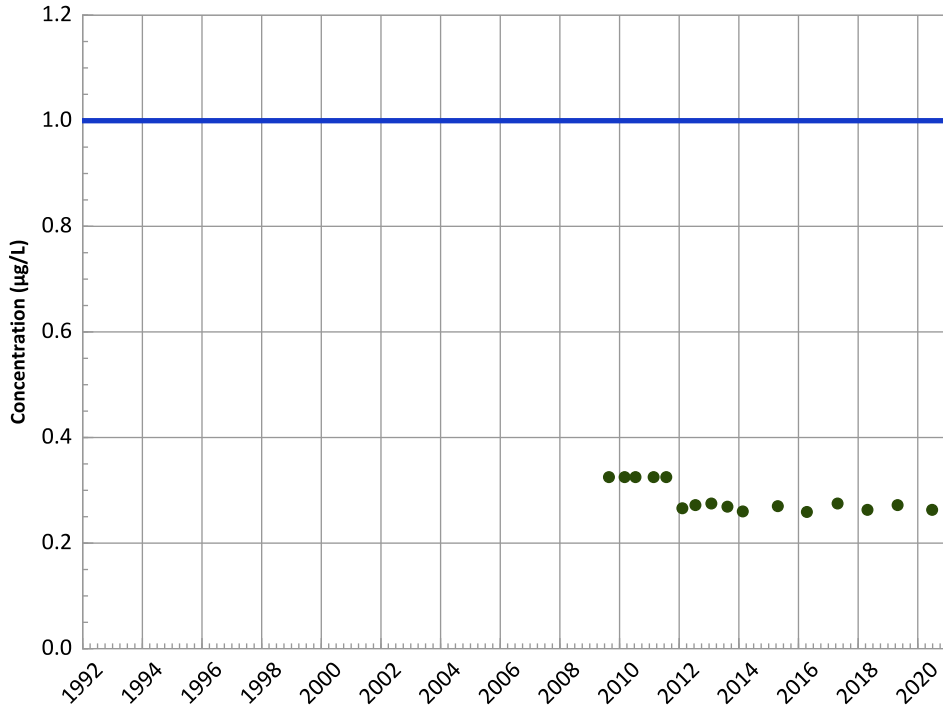
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

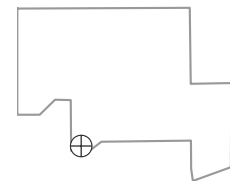
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

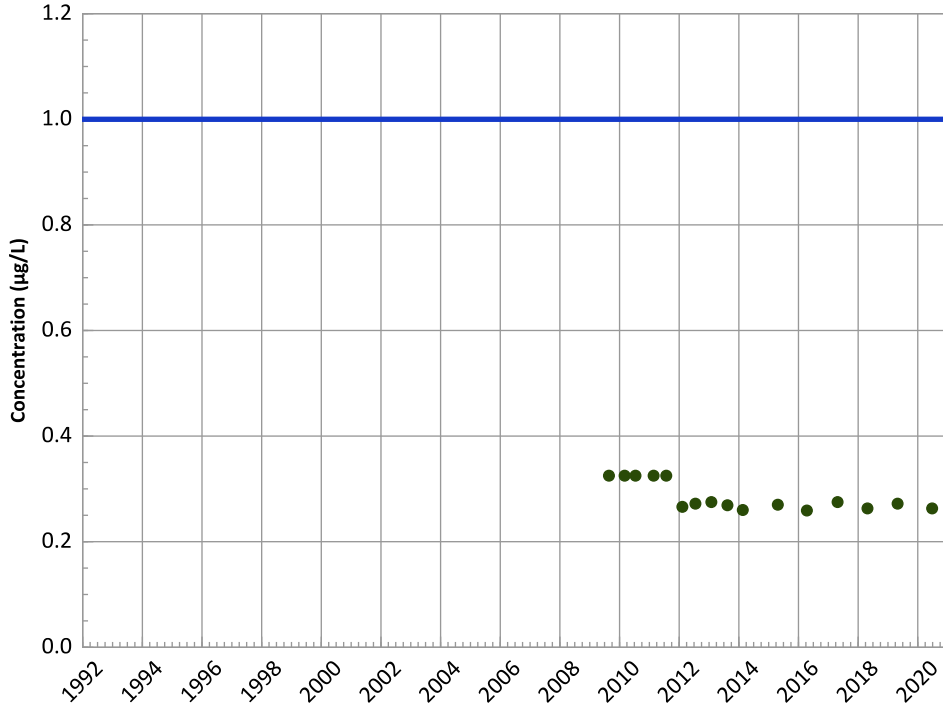


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

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

PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

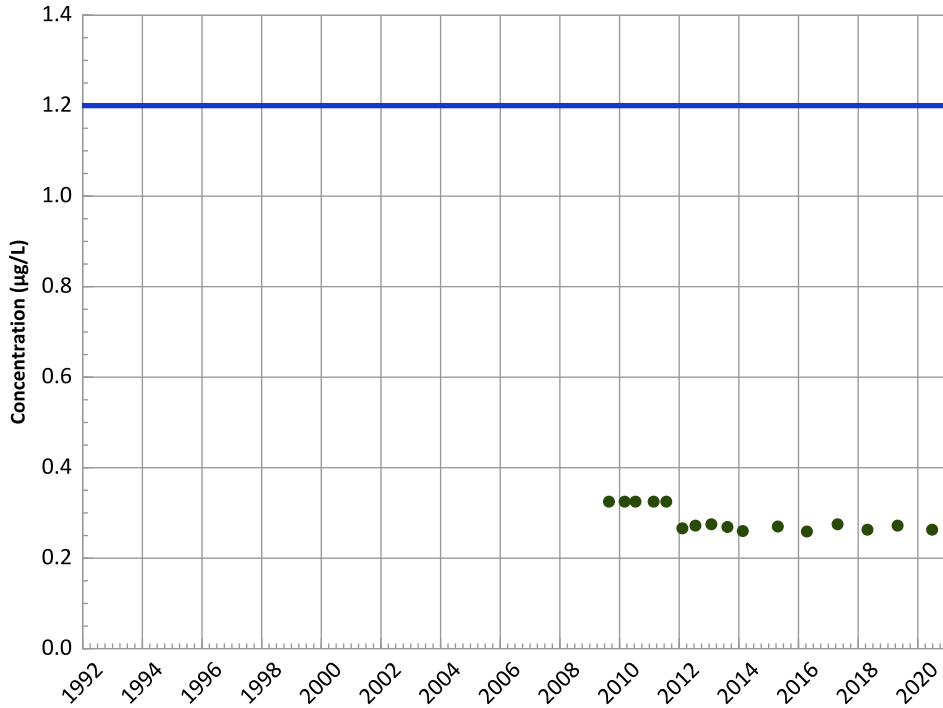
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

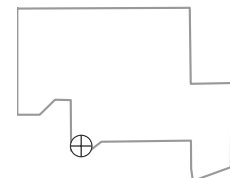
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

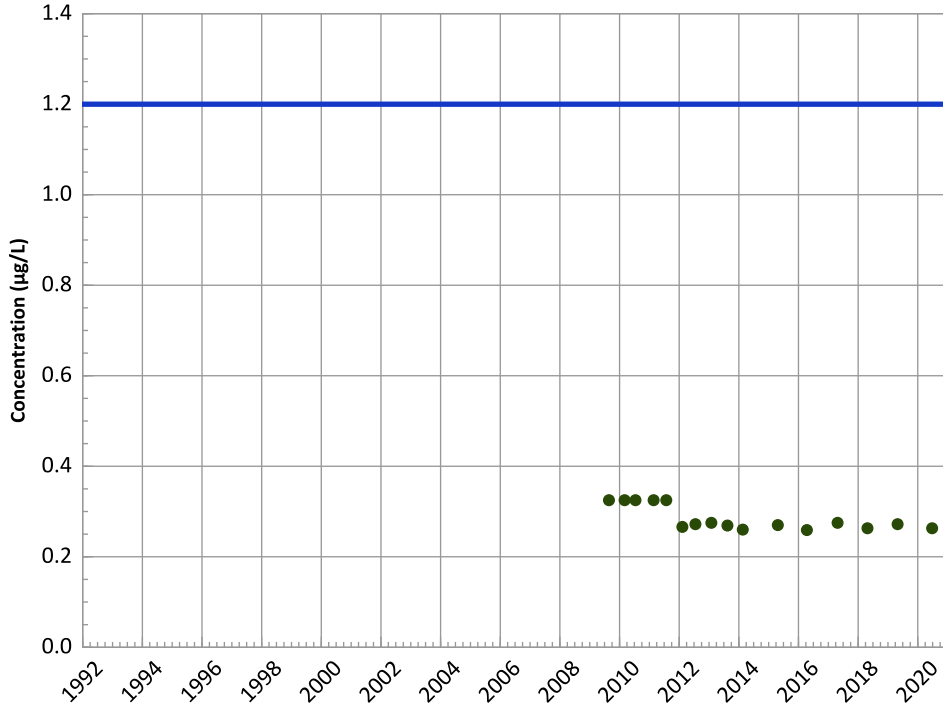
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

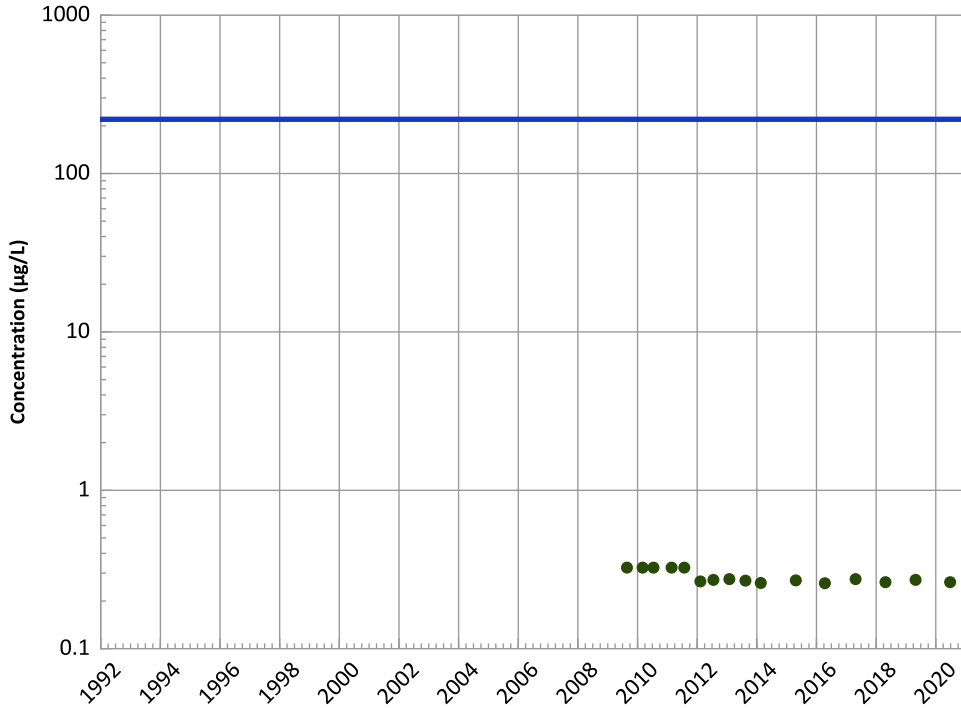
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

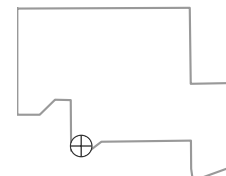
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

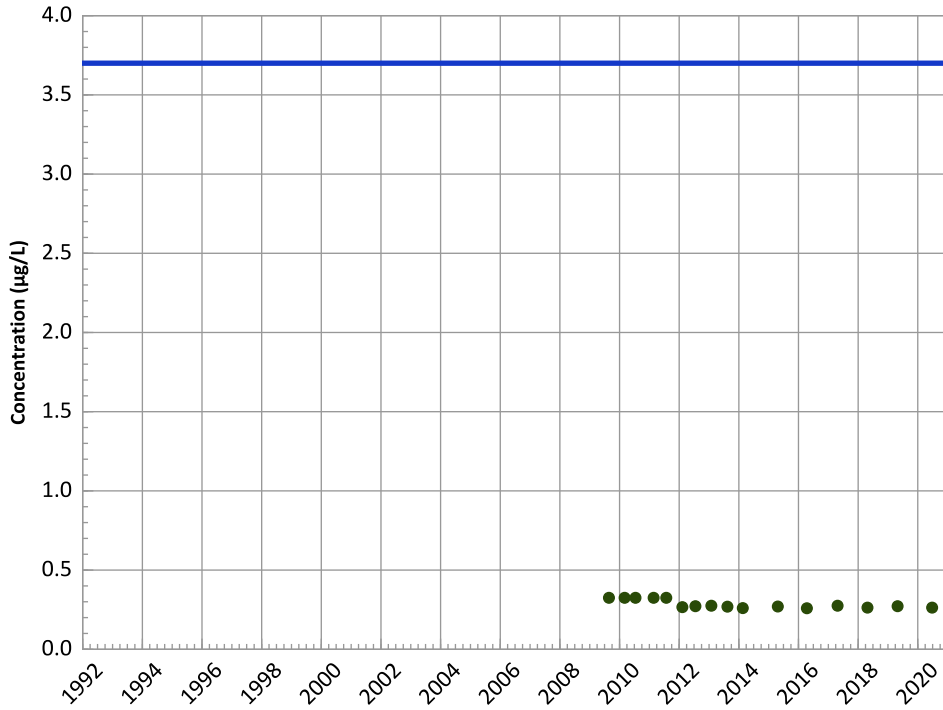
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

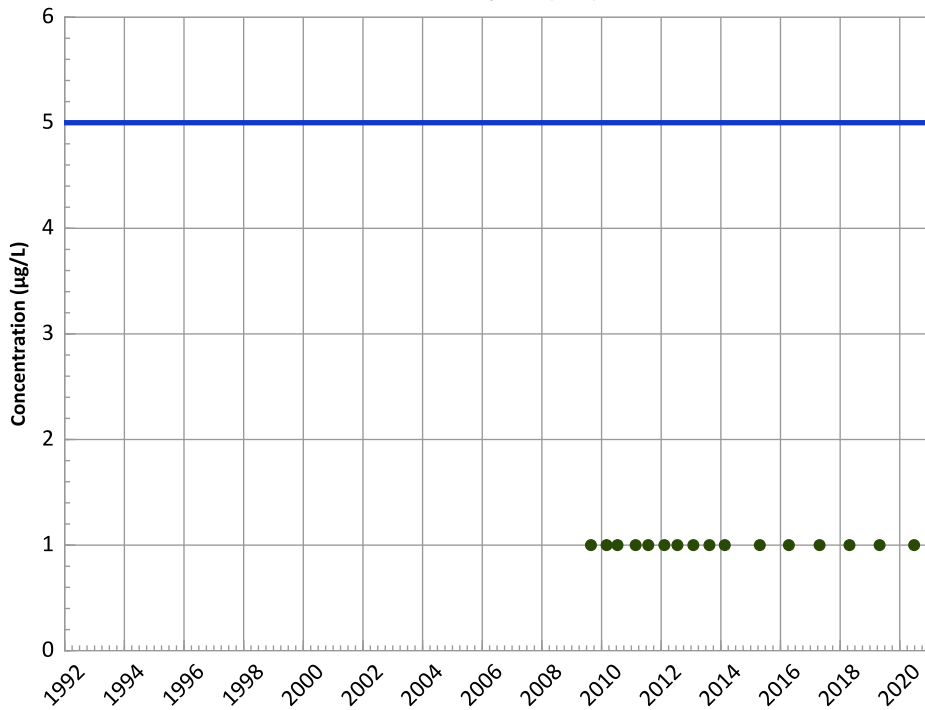
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

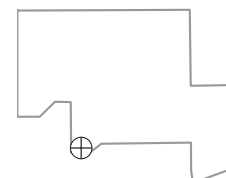
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

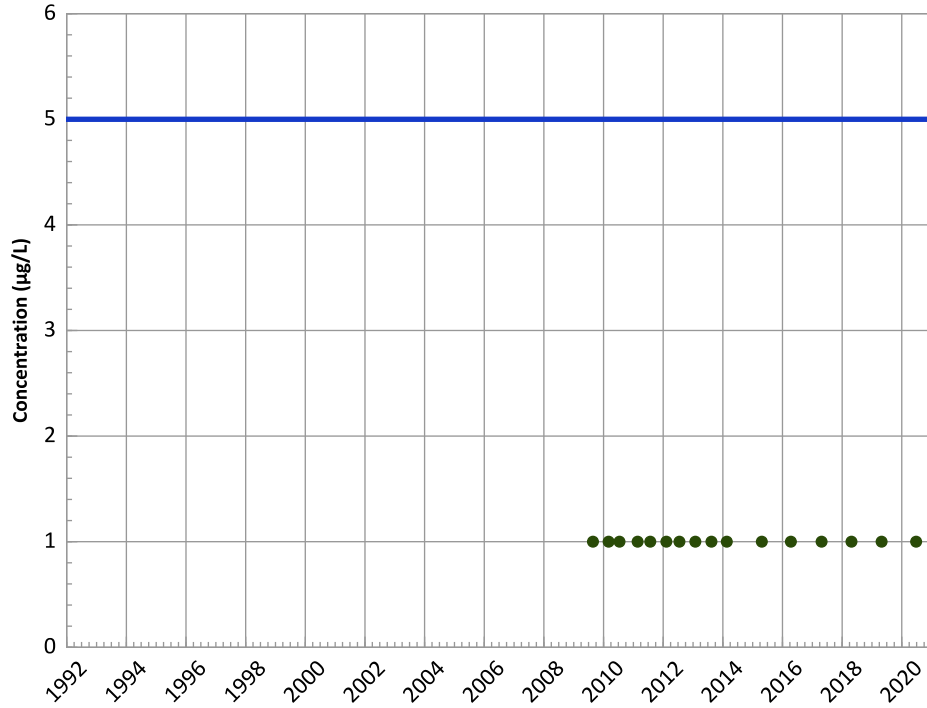
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

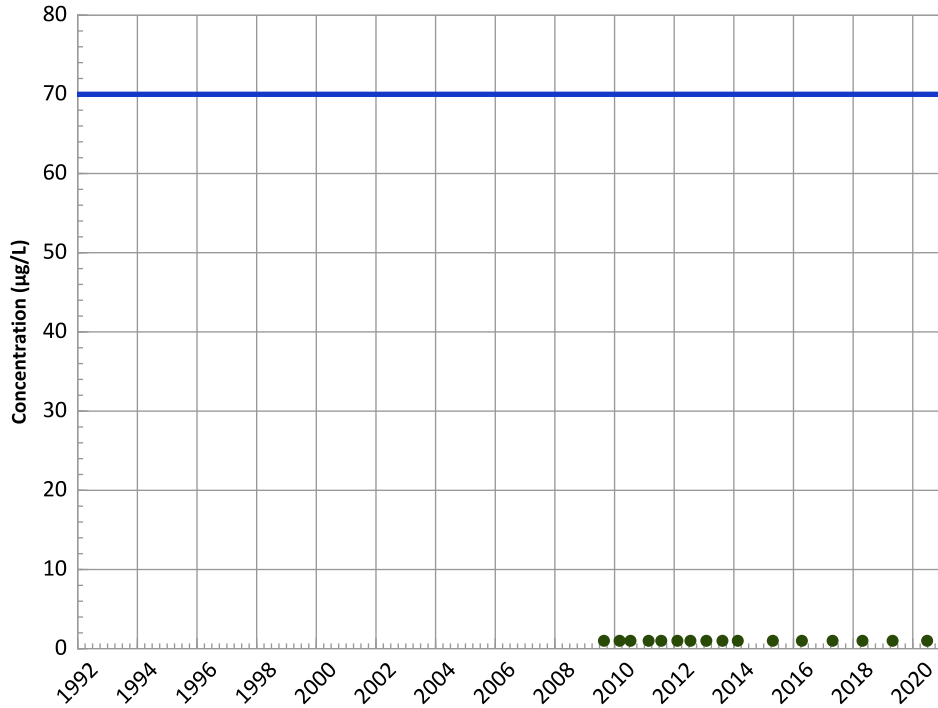
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

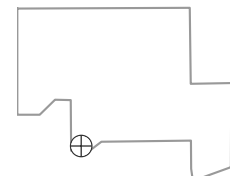
All Data:

All Non-Detect

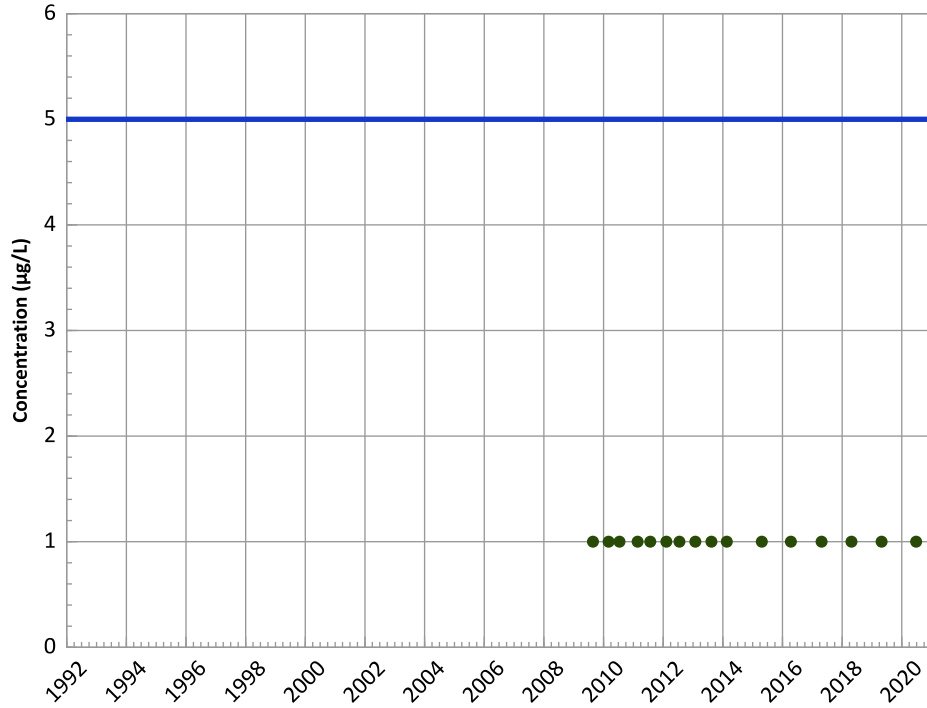
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

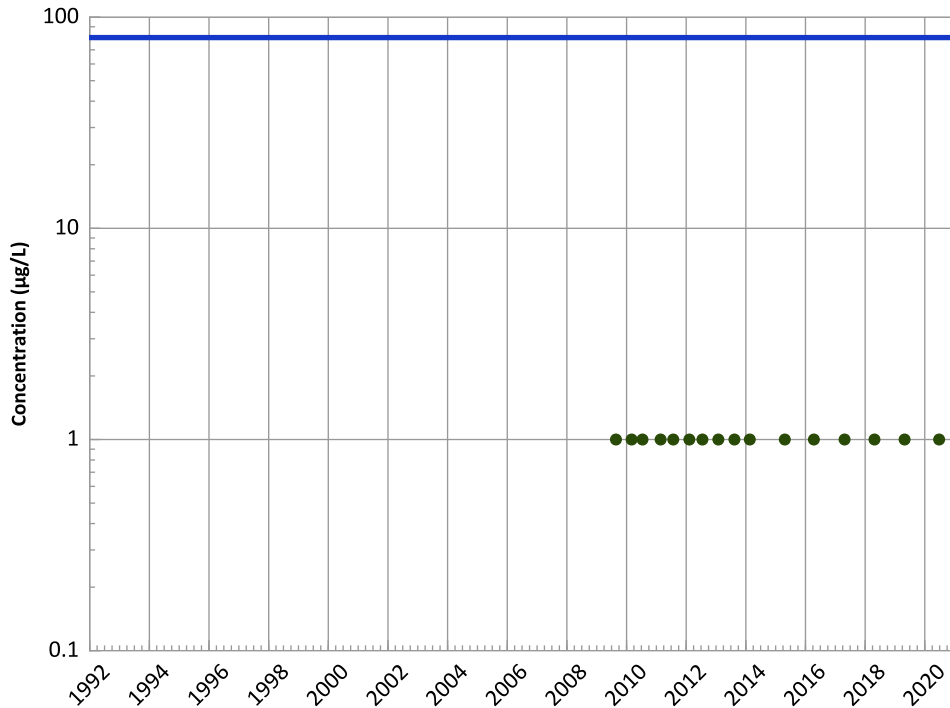
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

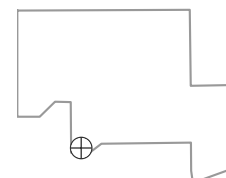
All Data:

All Non-Detect

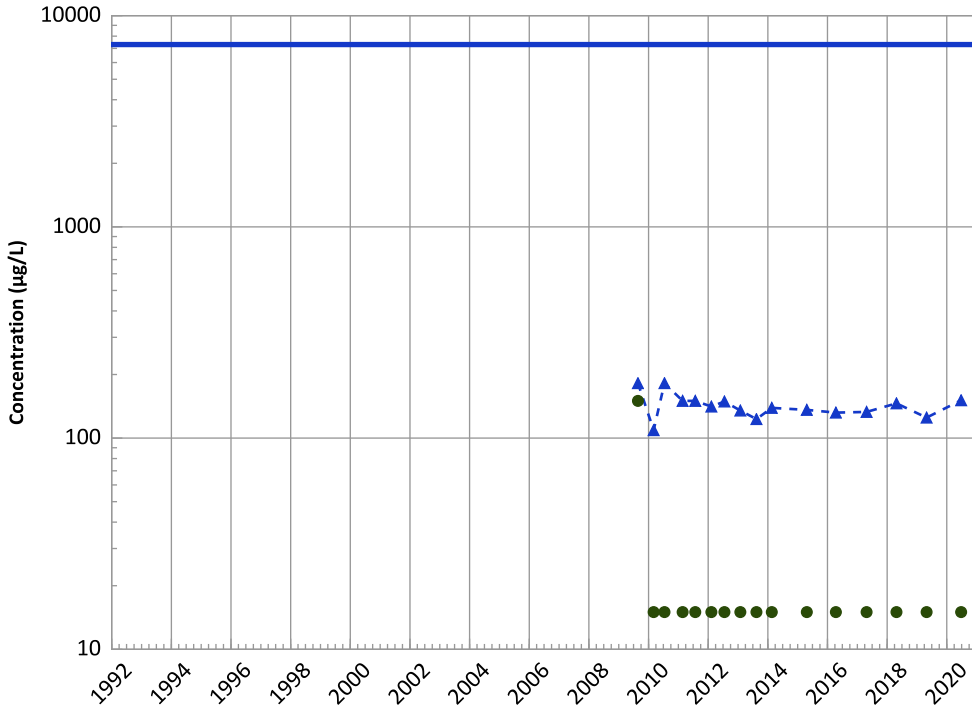
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

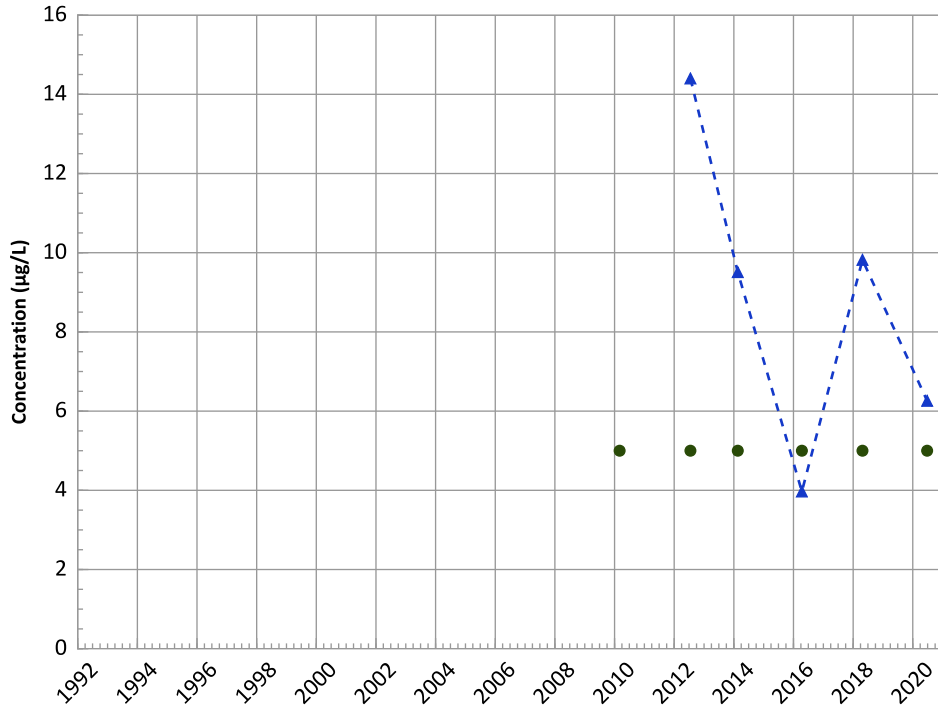
2018 - 2020 Data:

No Trend

All Data:

Stable

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

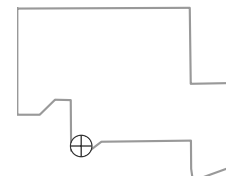
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

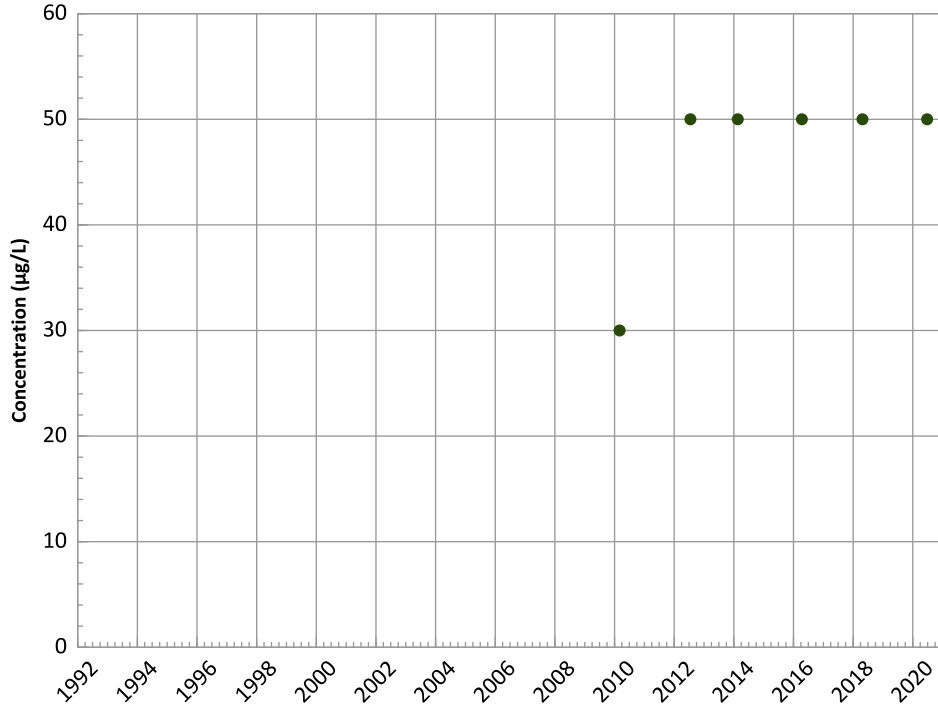
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

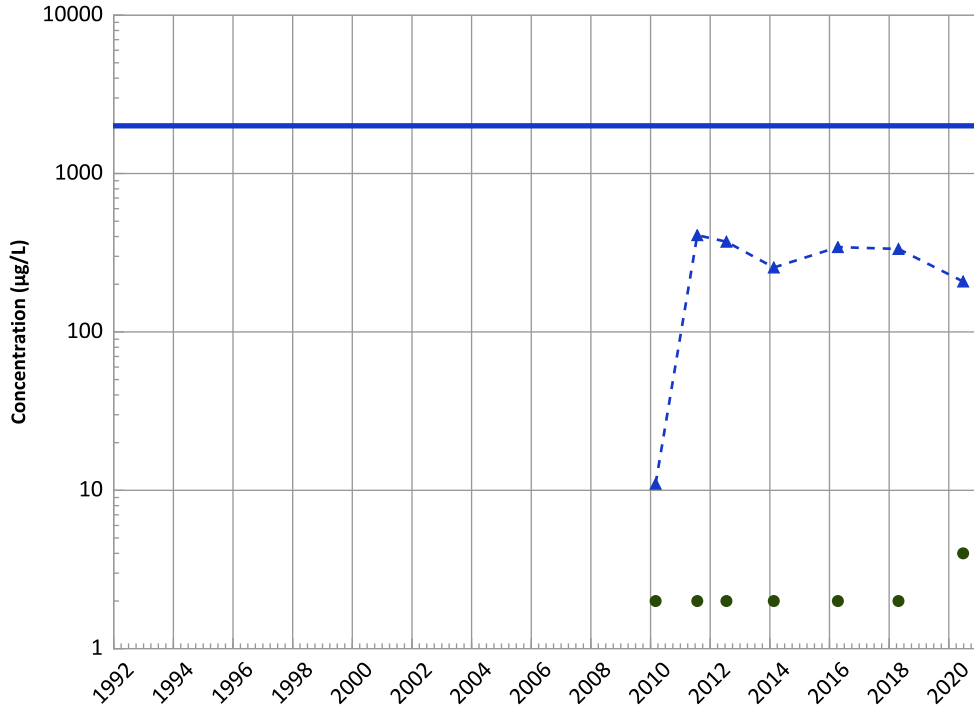
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

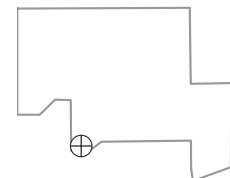
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

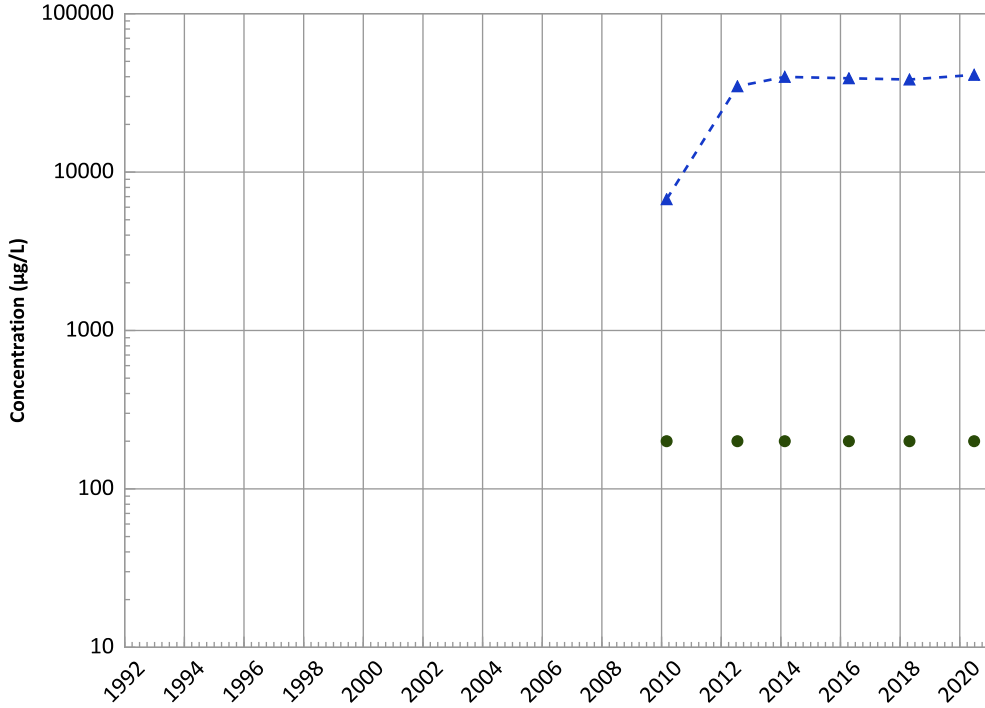
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Probably Increasing

MAROS Linear Regression Method

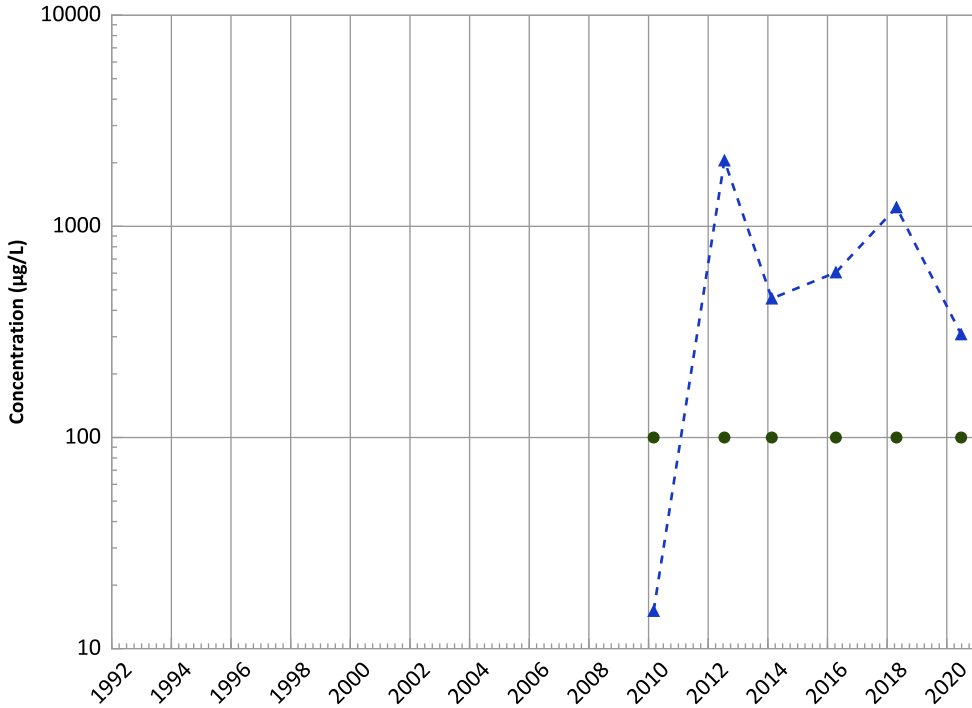
2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

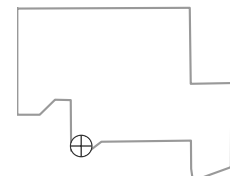
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

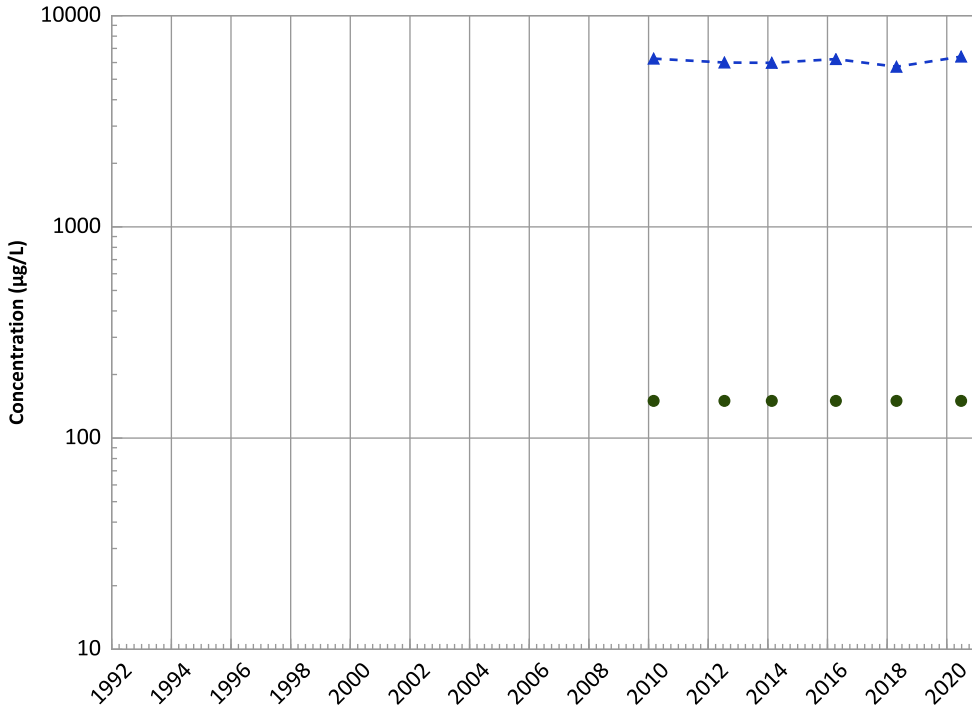


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

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

PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

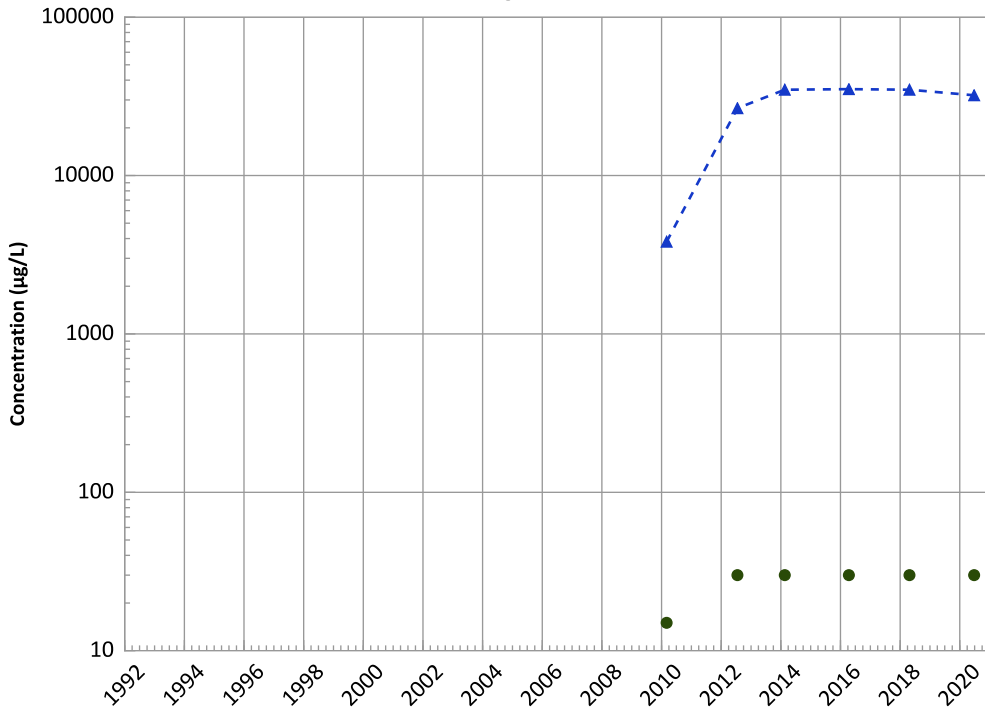
2018 - 2020 Data:

No Trend

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

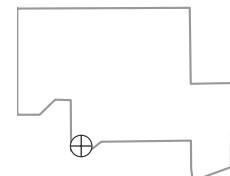
All Data:

Probably Increasing

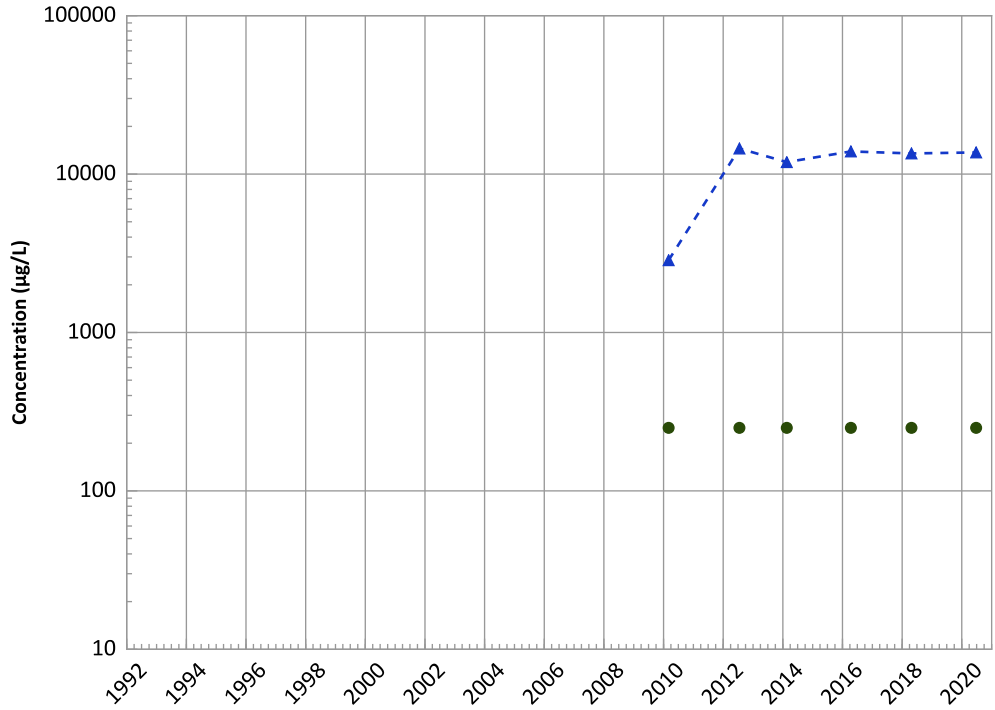
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/24/2009 to 06/25/2020
Analysis Date: 06/03/2021

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

Well Location



PTX06-1131 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

All Data:
No Trend

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend

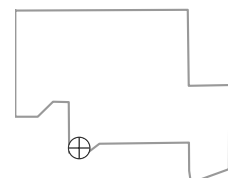
All Data:
Probably Increasing

Probably Increasing

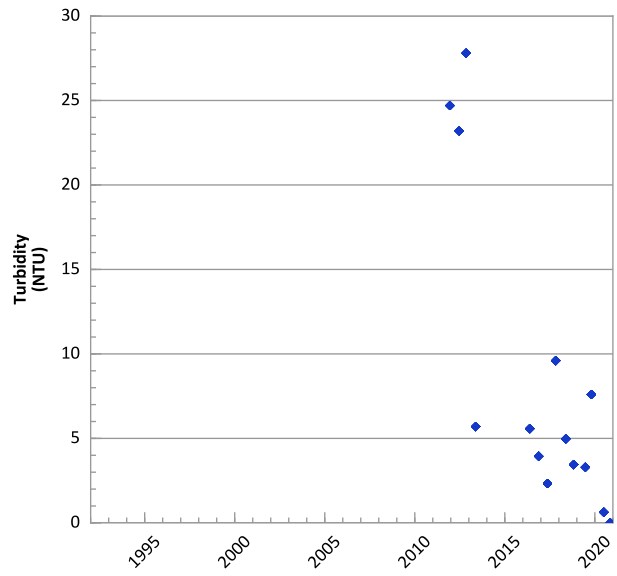
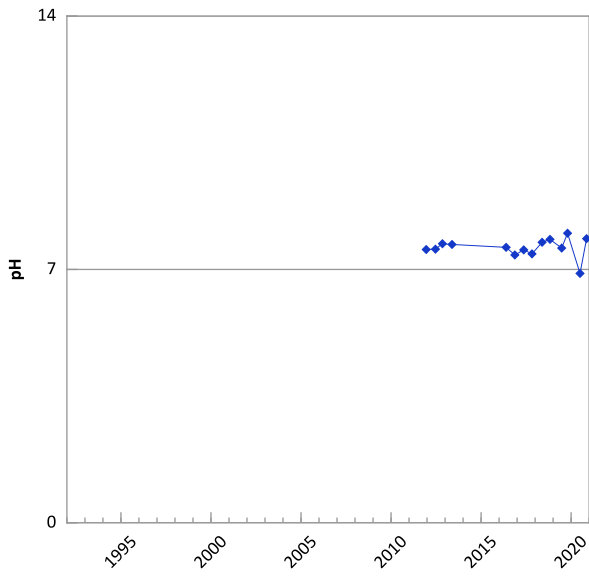
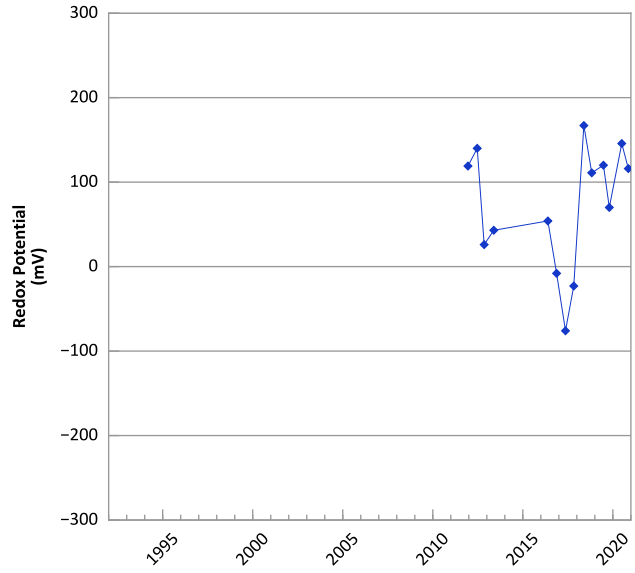
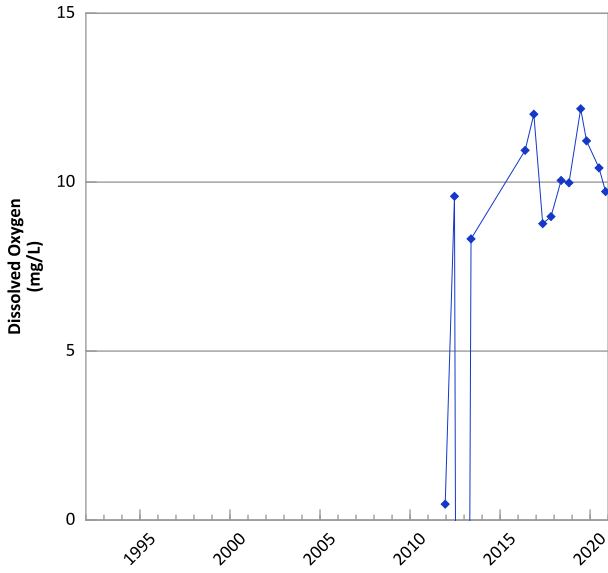
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/24/2009 to 06/25/2020
 Analysis Date: 06/03/2021

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

Well Location

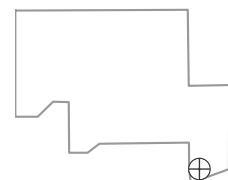


**PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



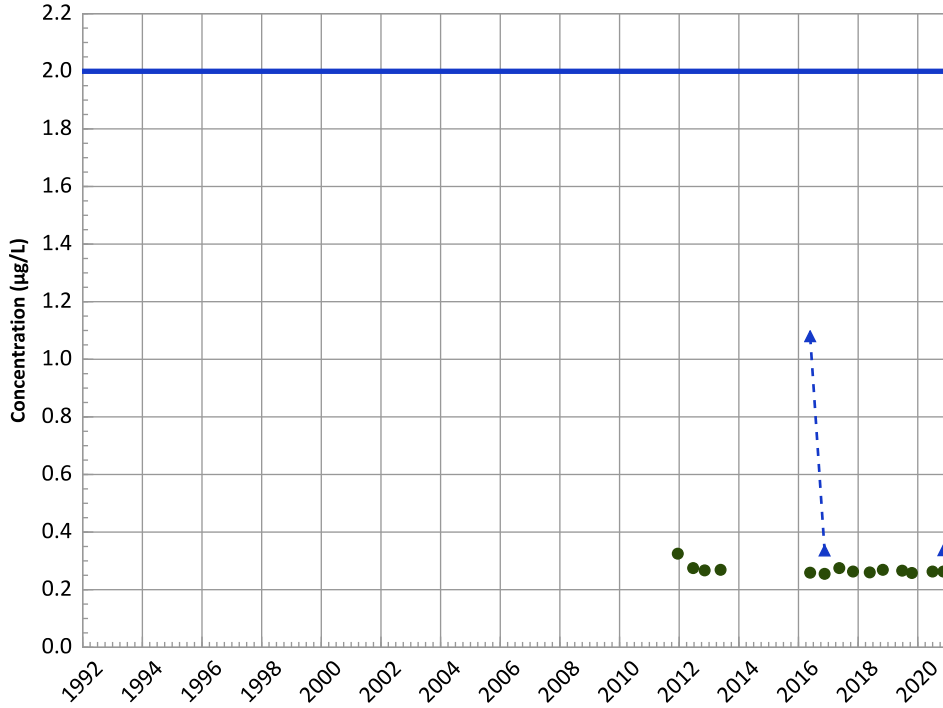
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/15/2011 to 11/10/2020
 Analysis Date: 06/03/2021

Well Location



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

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

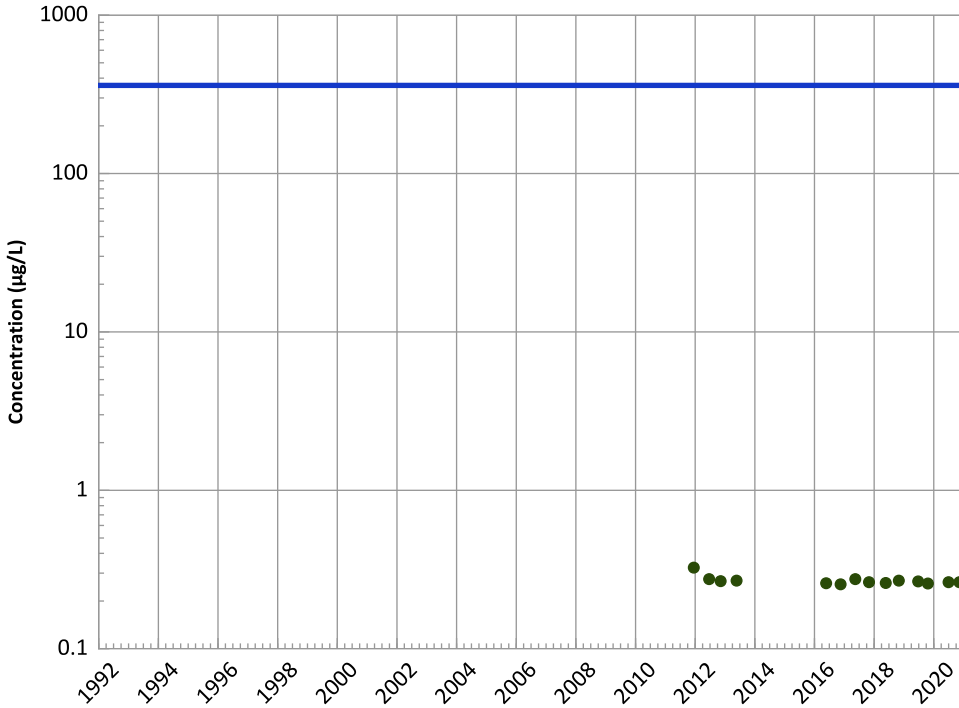
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

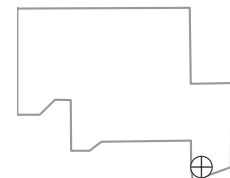
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

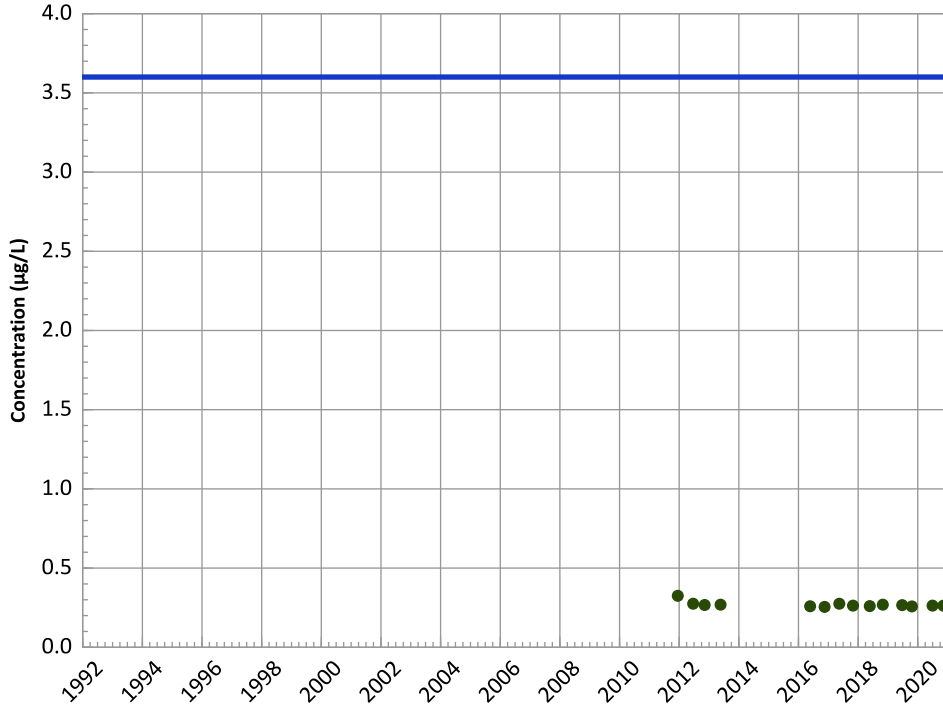
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

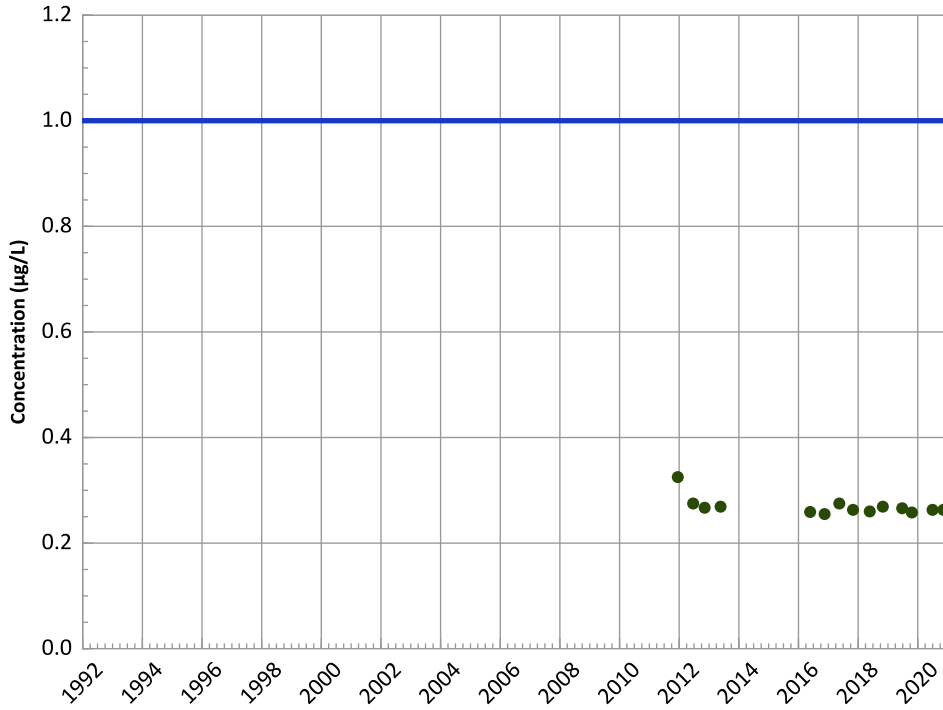
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

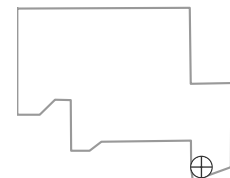
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

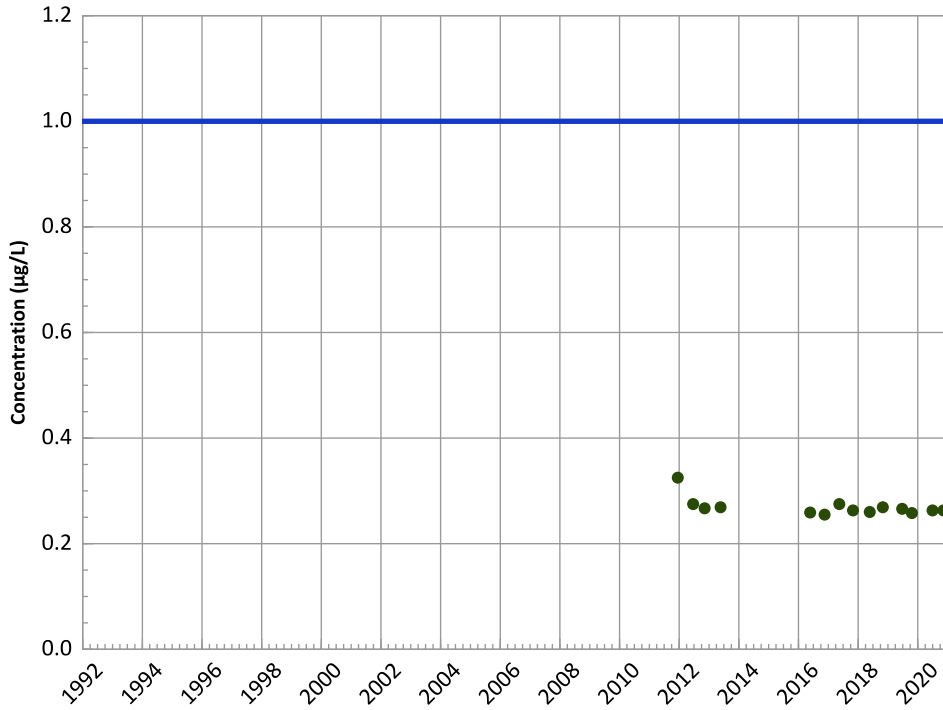


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

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

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

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

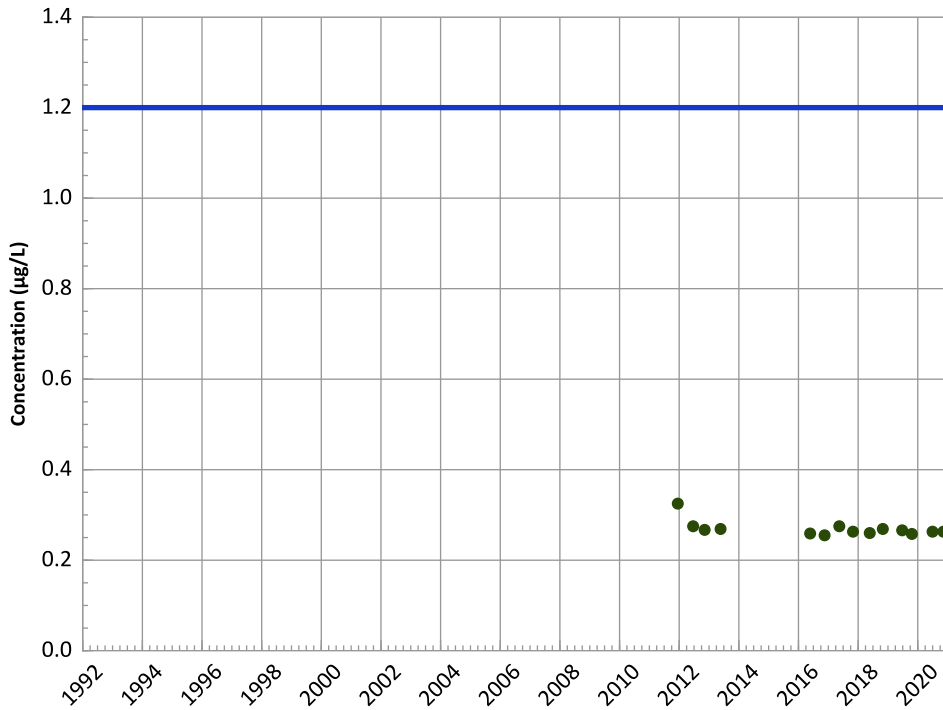
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

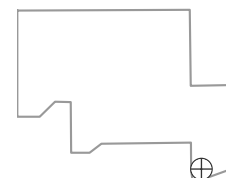
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

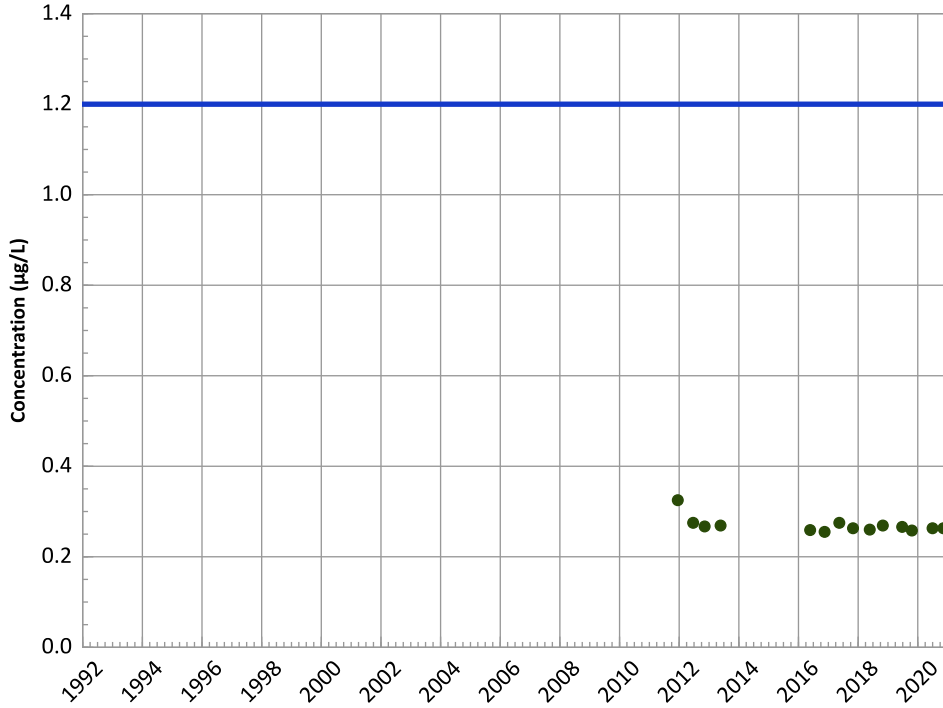


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

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

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

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

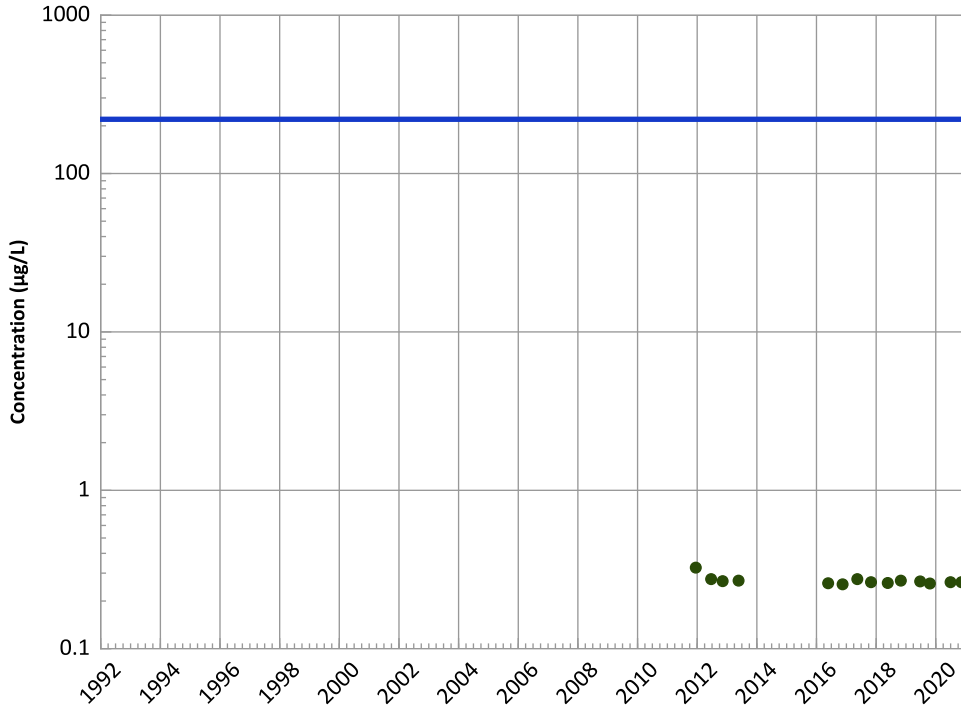
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

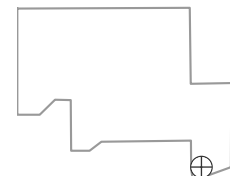
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

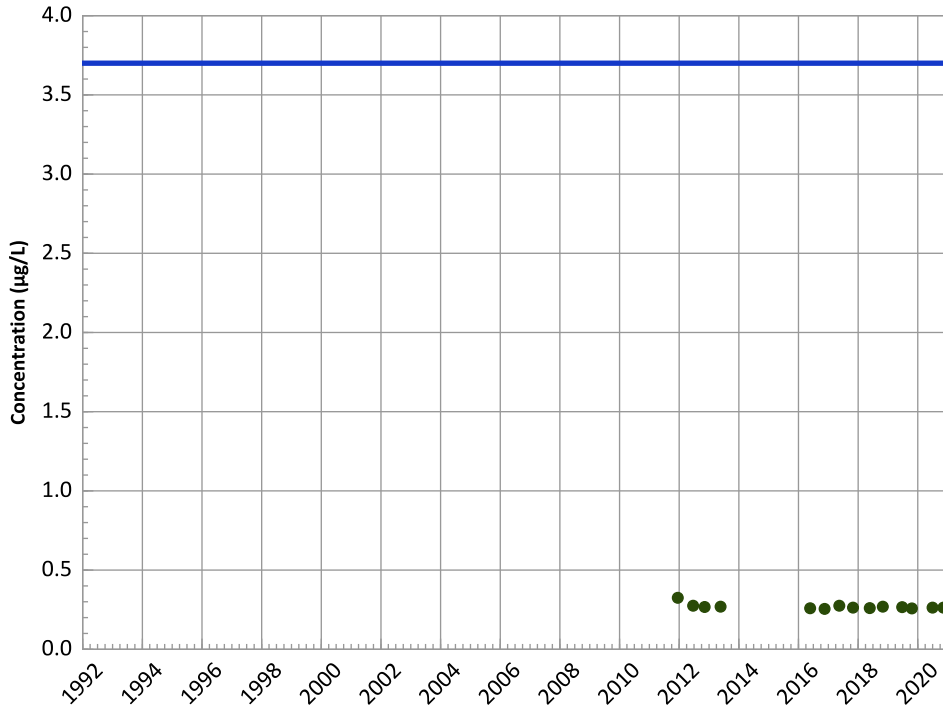
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

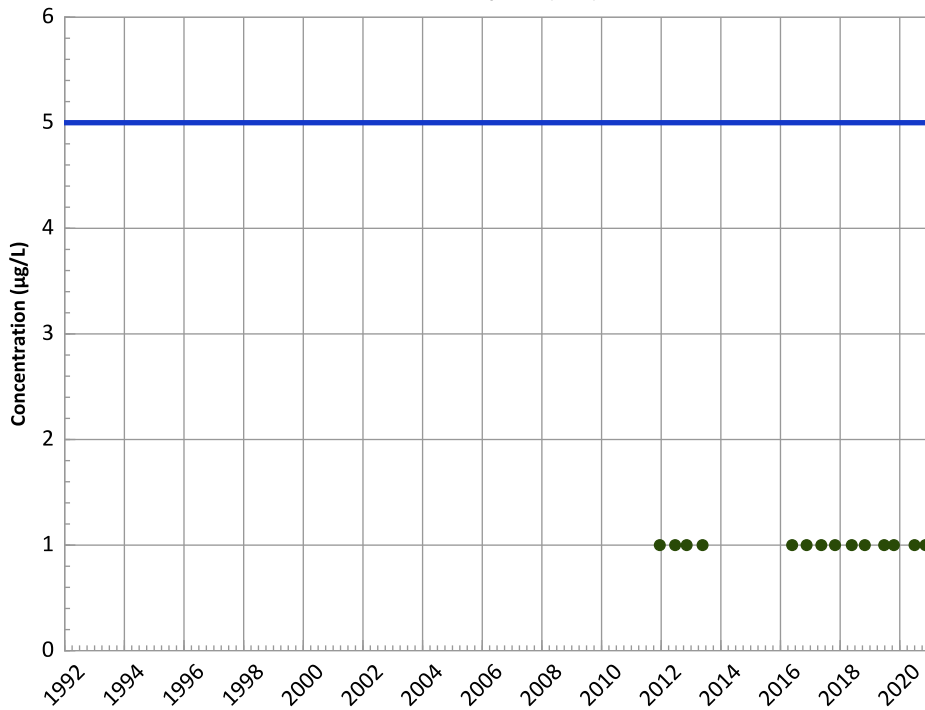
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

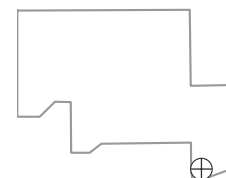
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

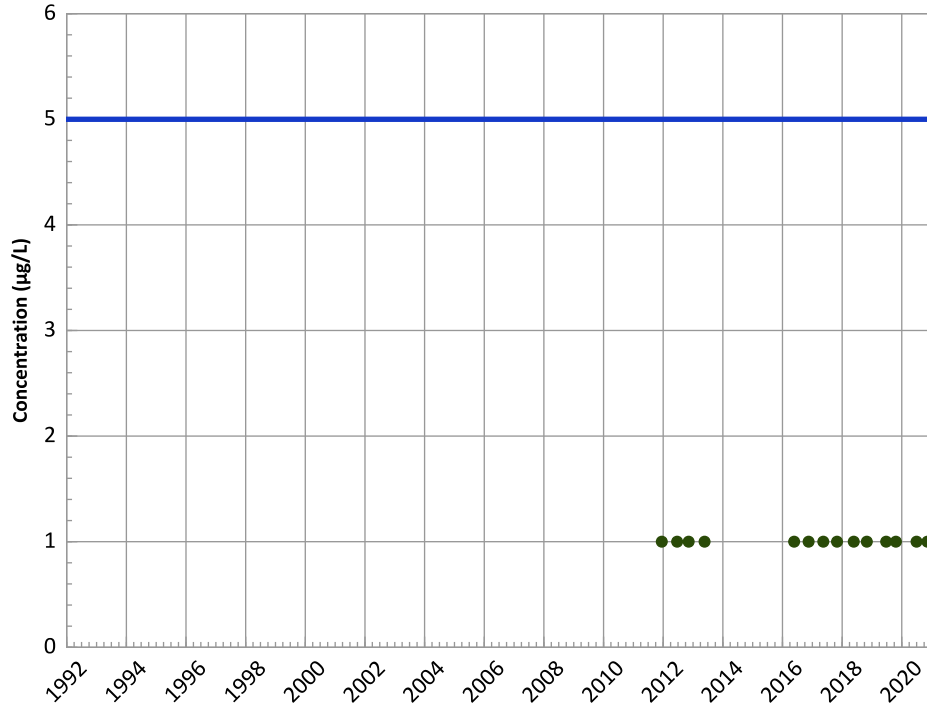


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

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

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

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

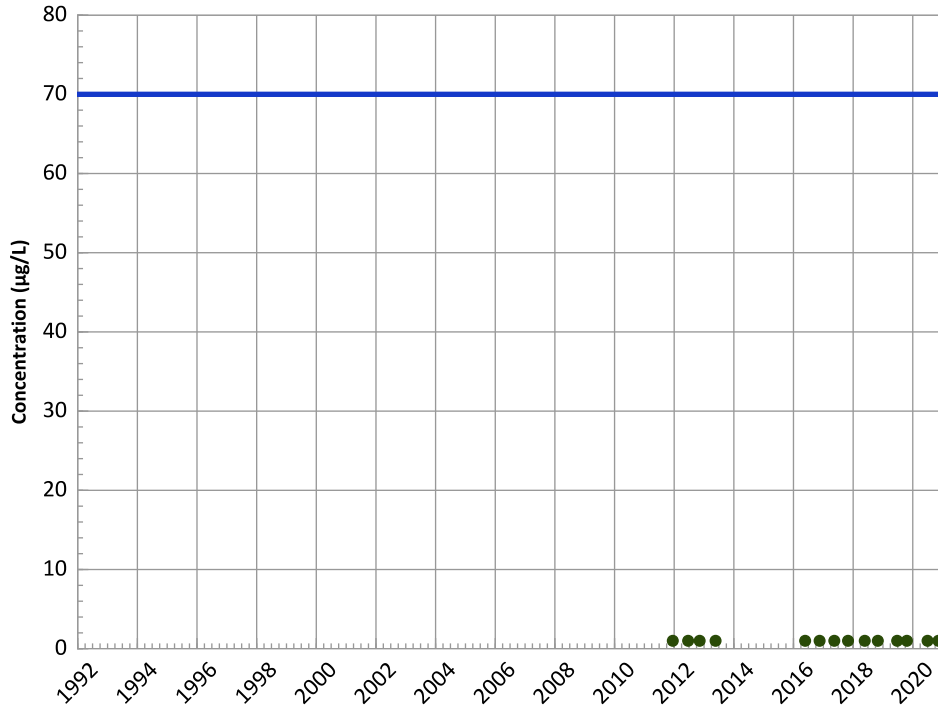
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

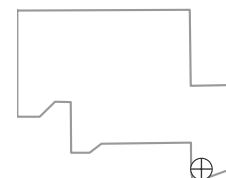
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

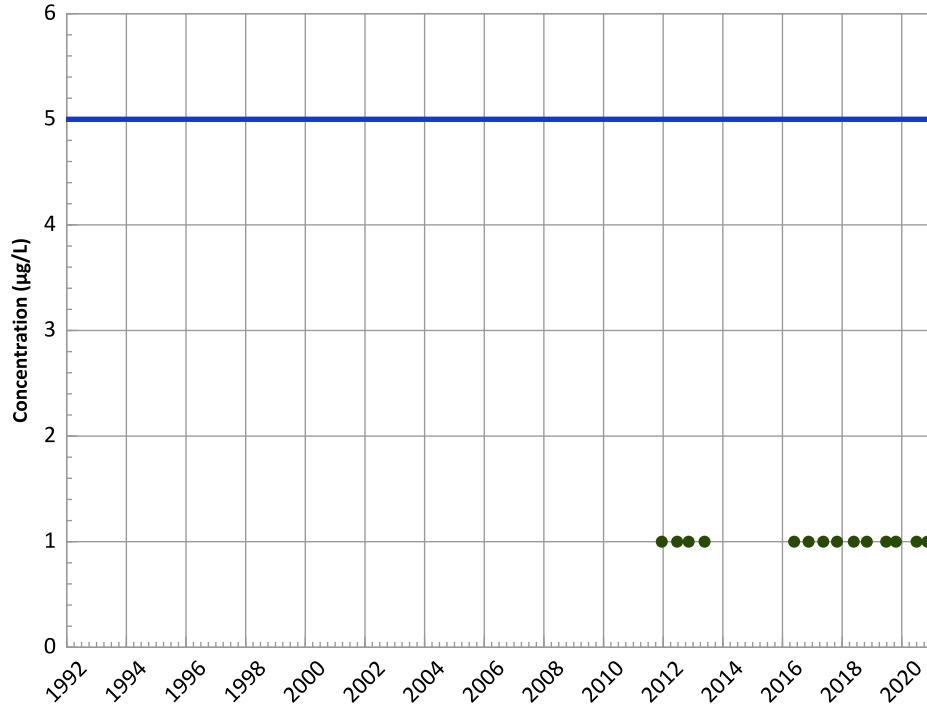
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

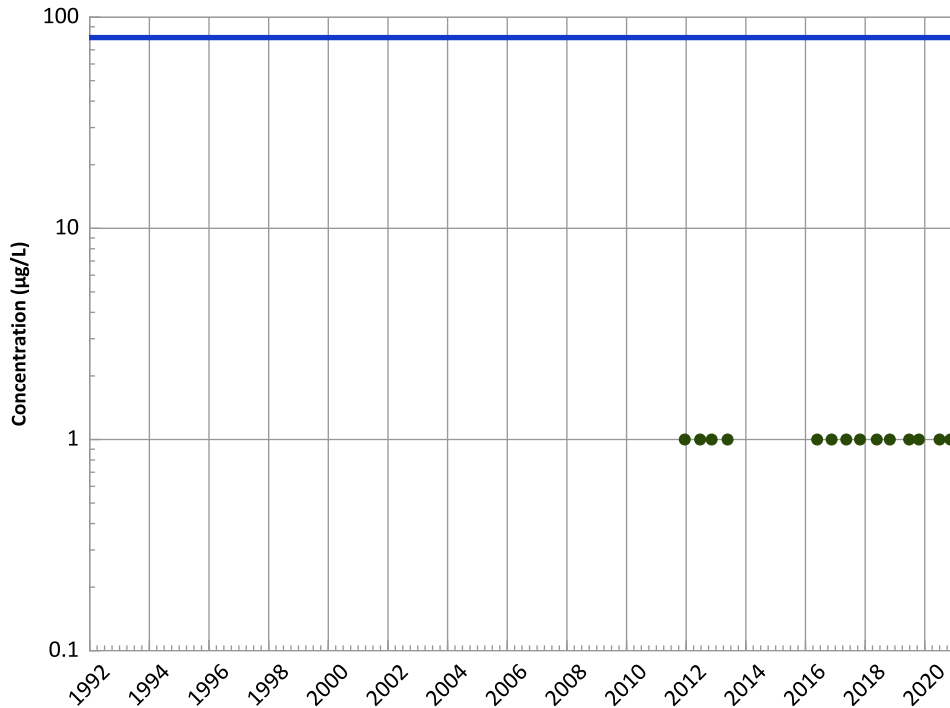
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

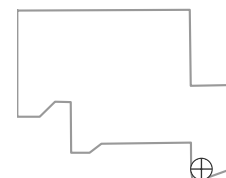
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

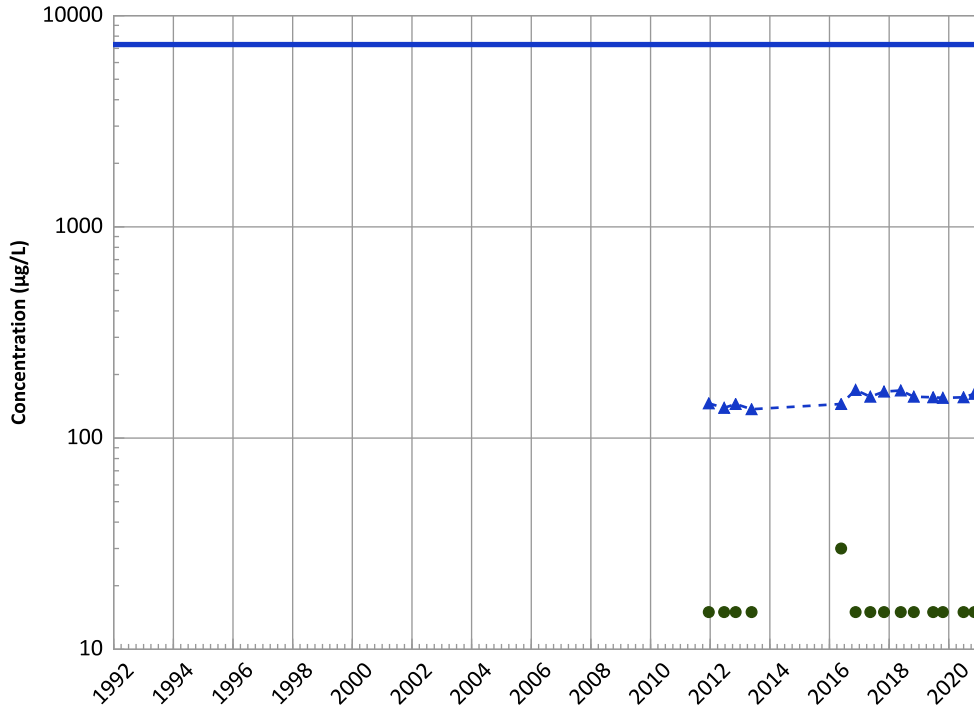
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Boron Trend



Concentration Trend

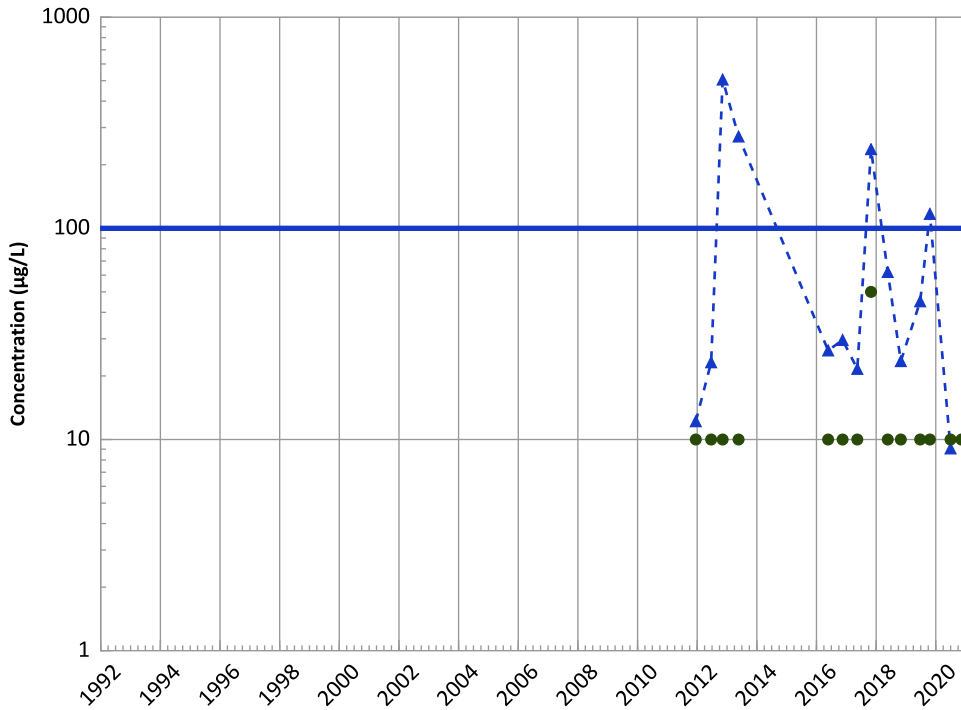
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

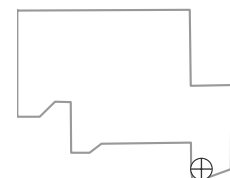
MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
No Trend

Well Location

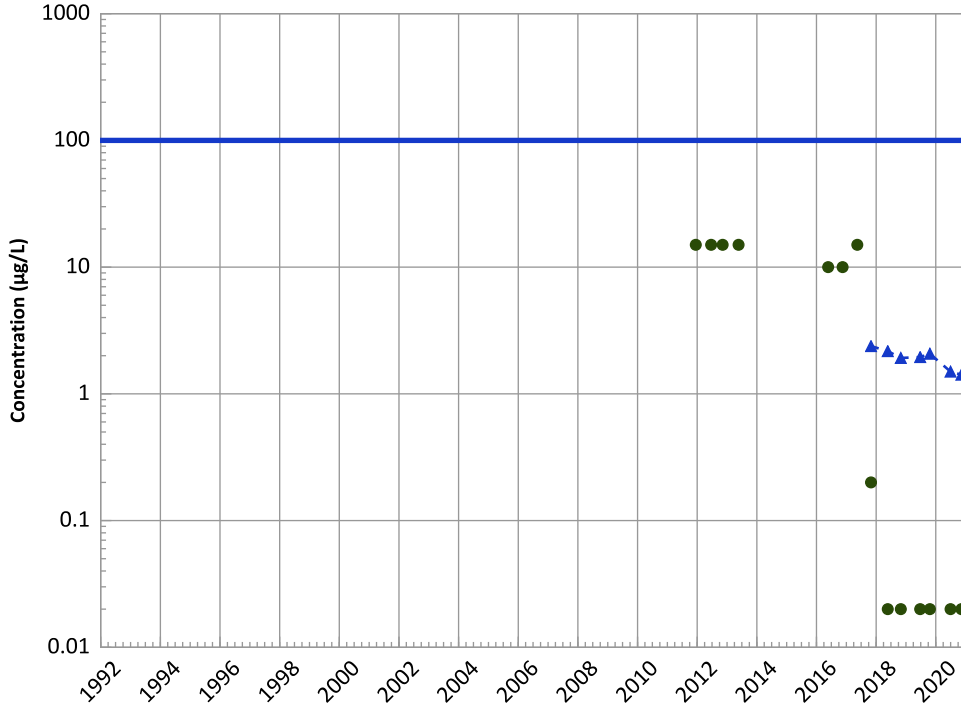


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

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

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

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

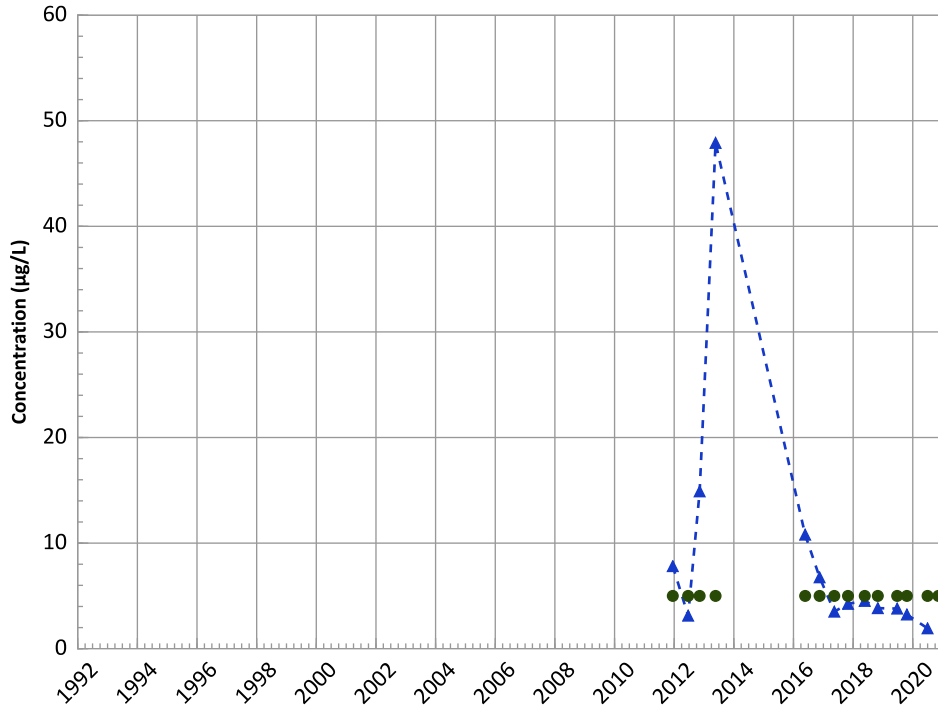
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

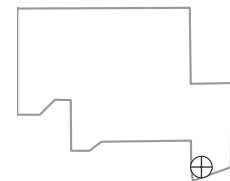
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Well Location

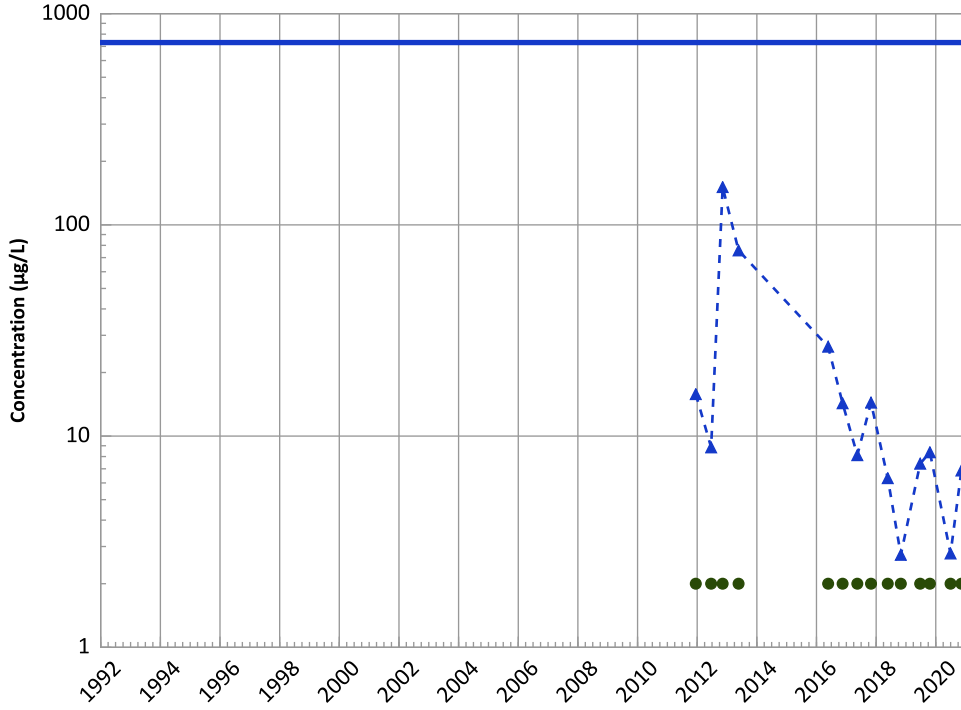


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

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

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

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

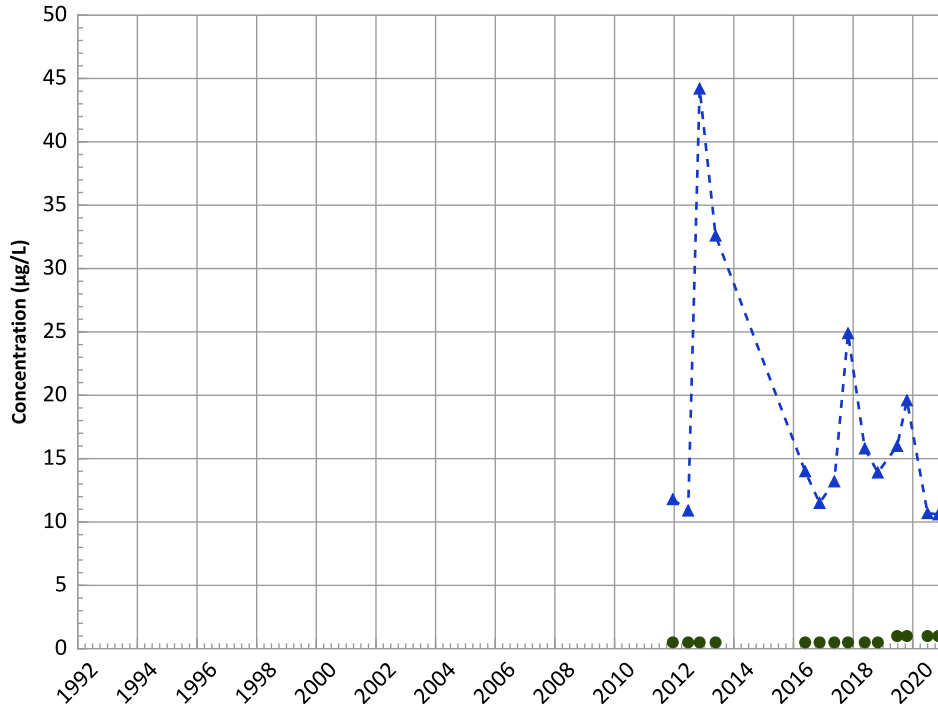
2018 - 2020 Data:

Stable

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

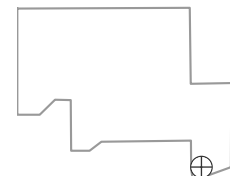
2018 - 2020 Data:

Stable

All Data:

Stable

Well Location

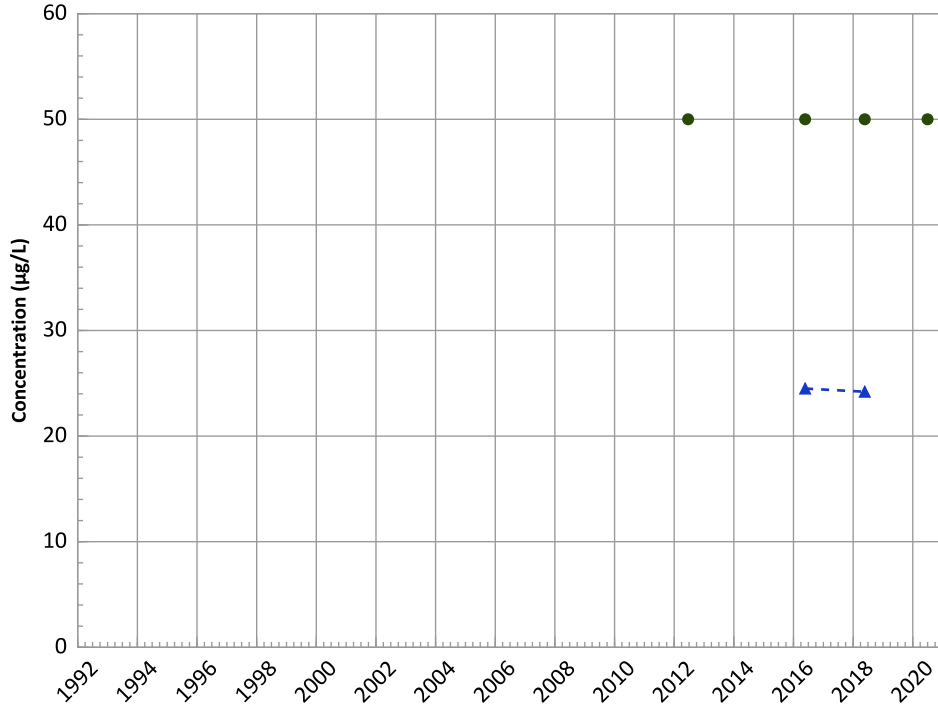


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

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

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

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

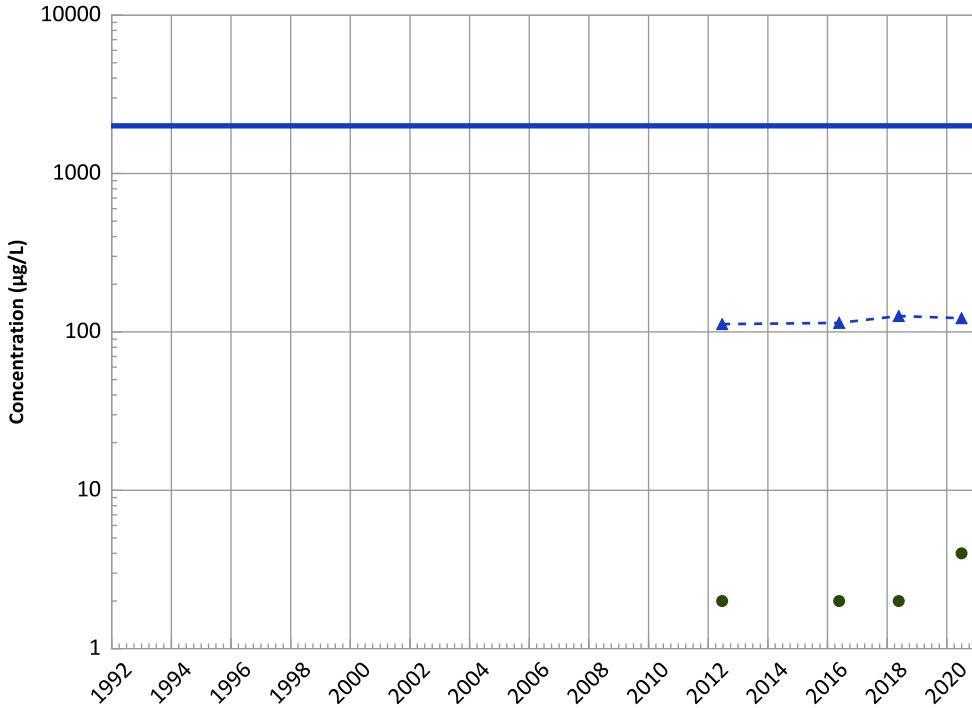
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

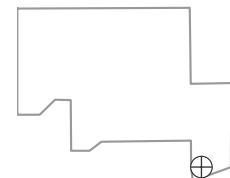
All Data:

Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

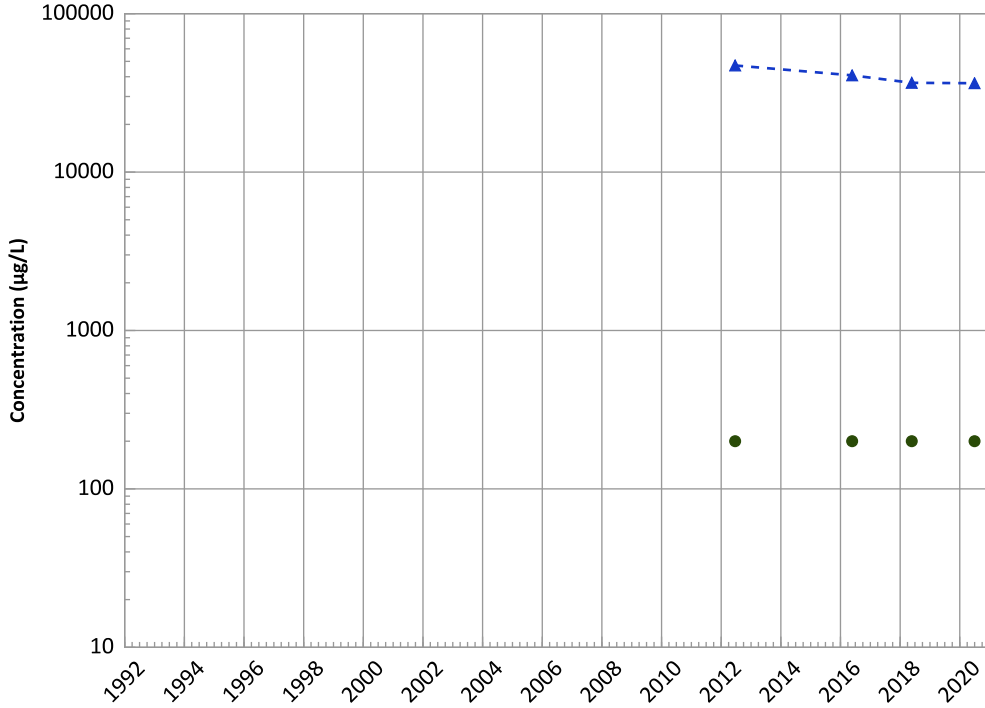
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

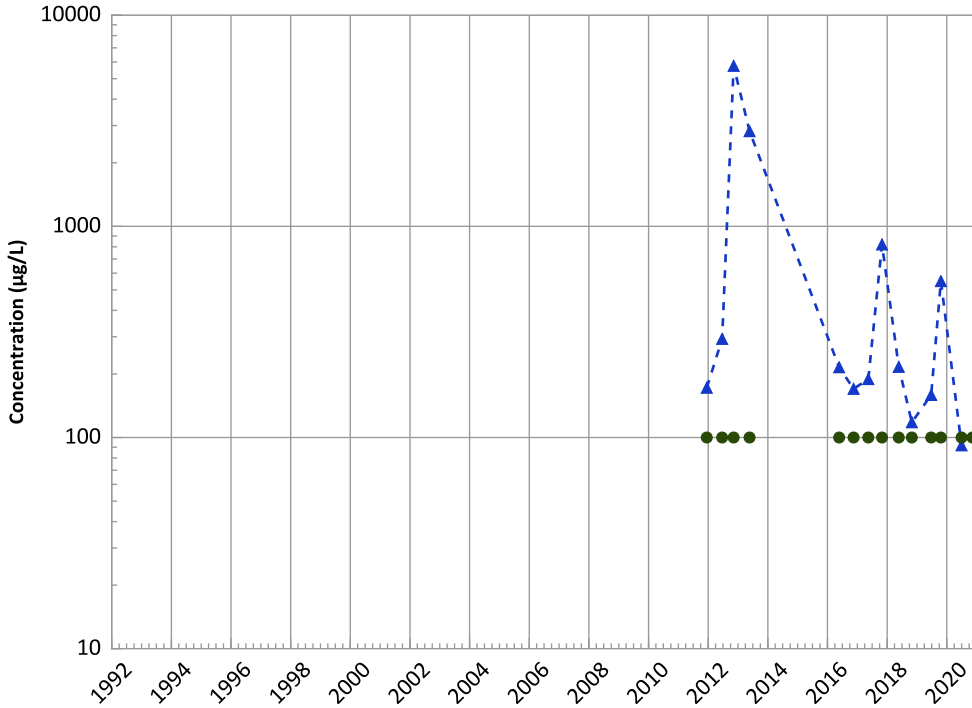
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

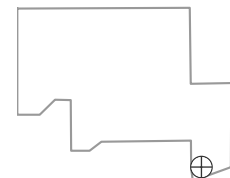
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

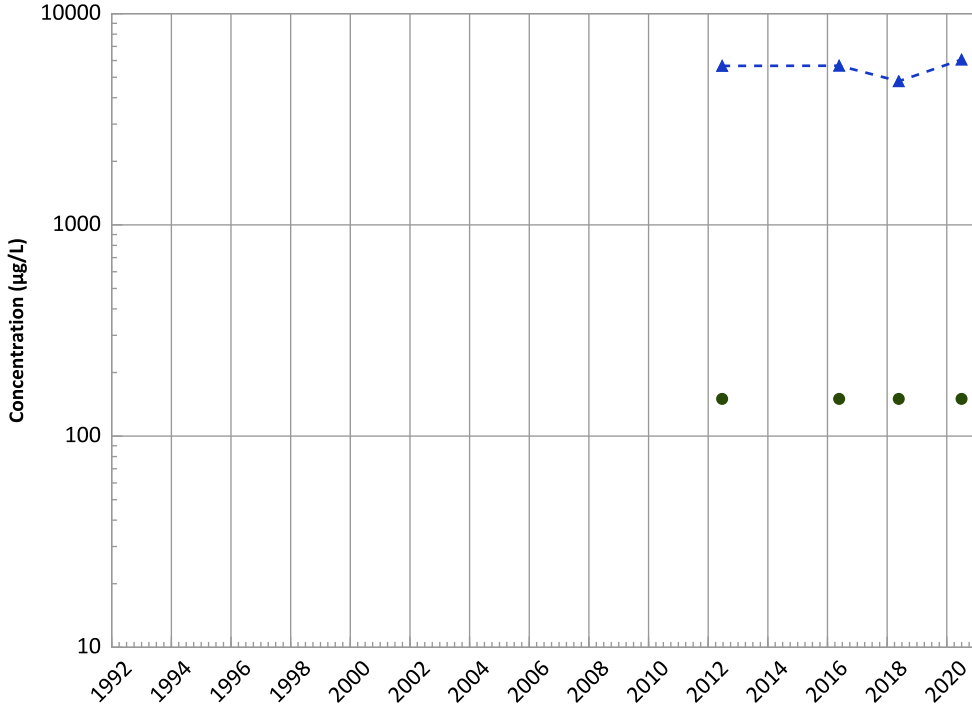
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

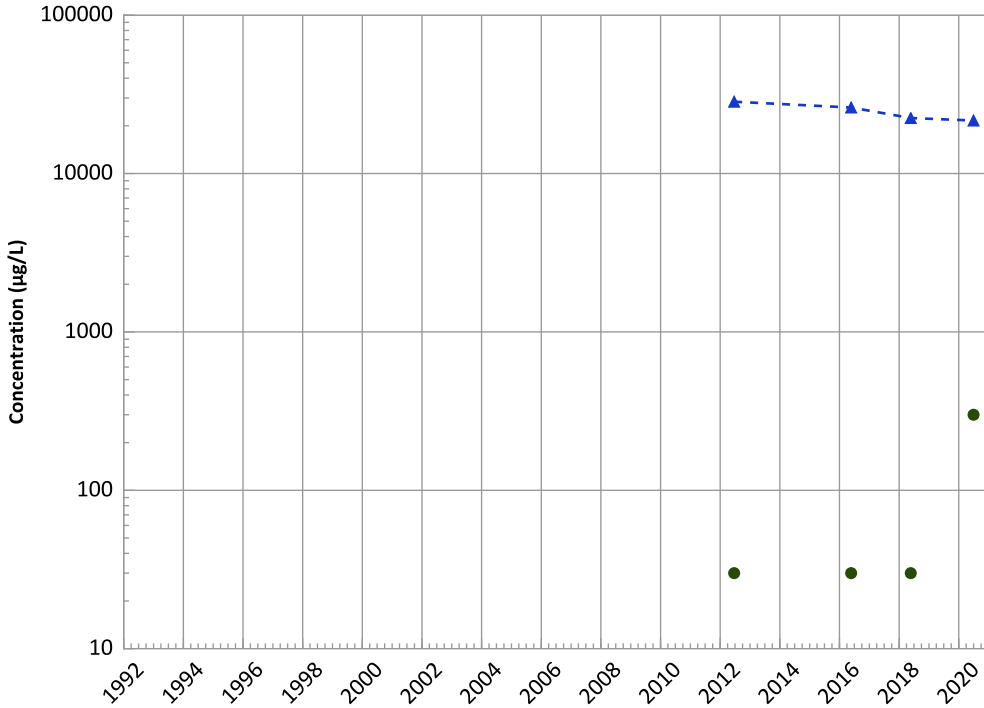
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

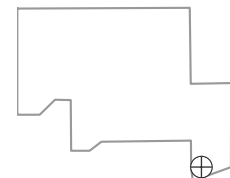
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

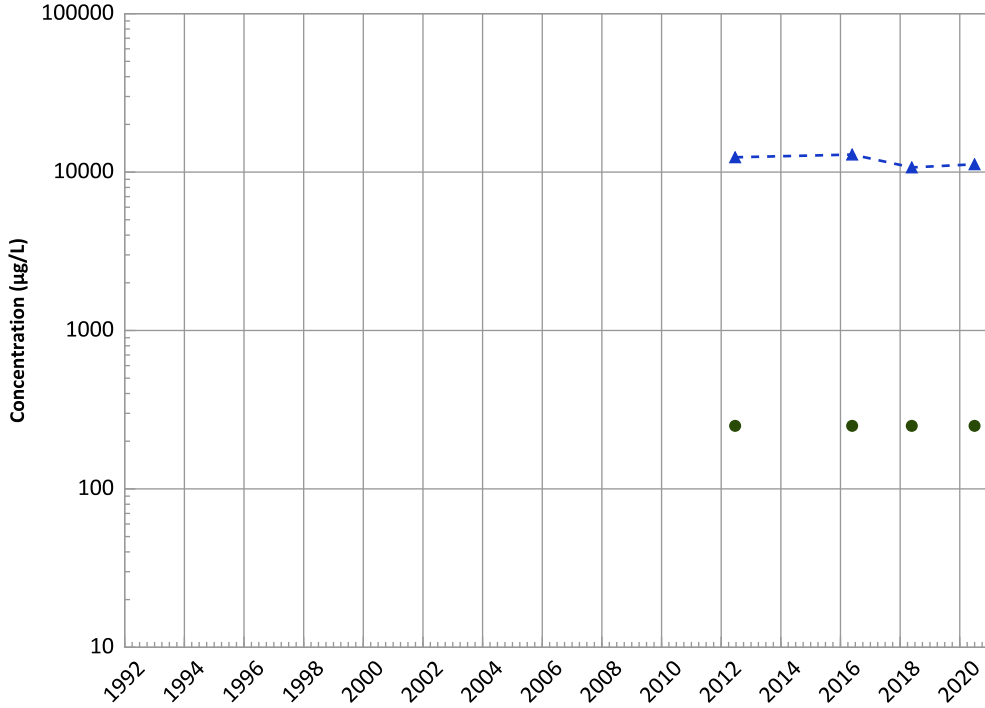
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



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

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

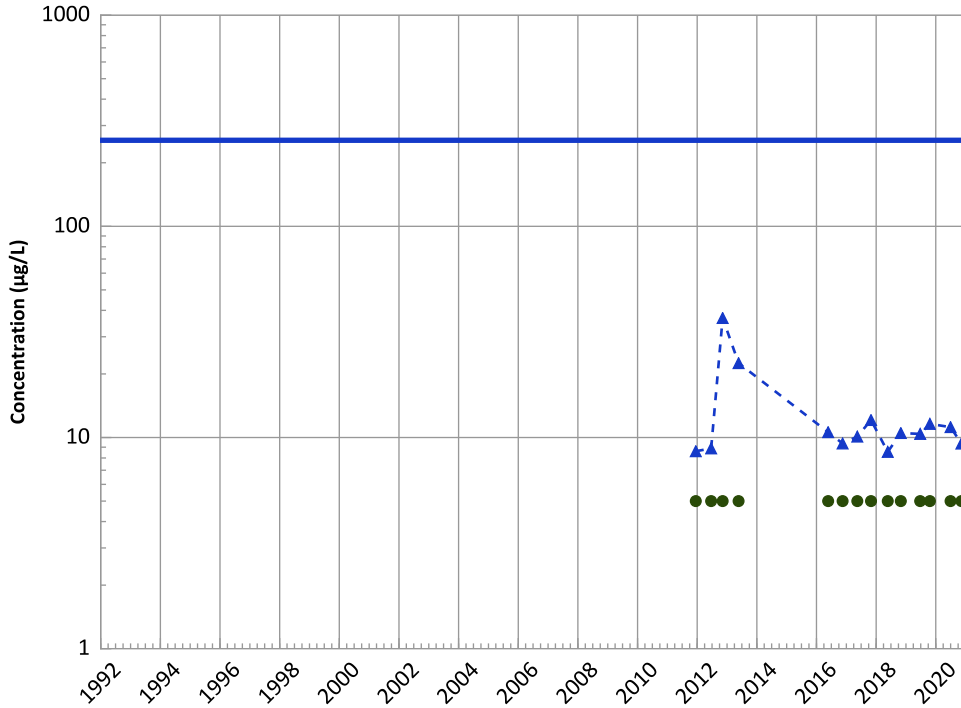
2018 - 2020 Data:

Stable

All Data:

Stable

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

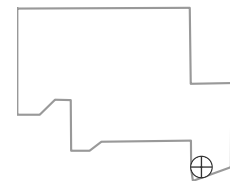
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

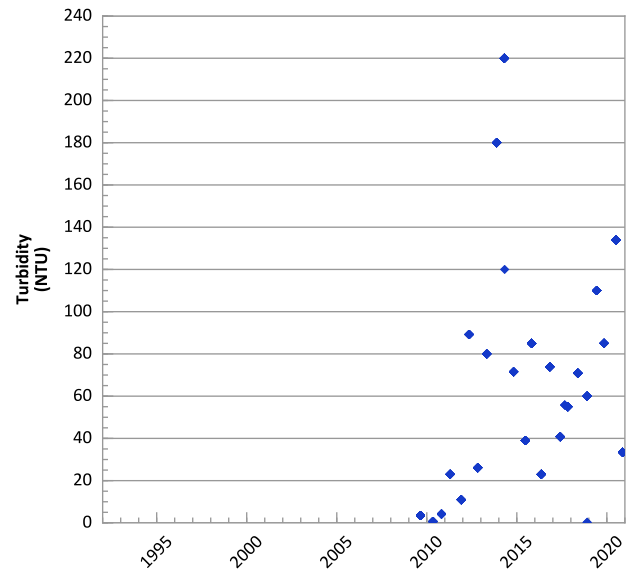
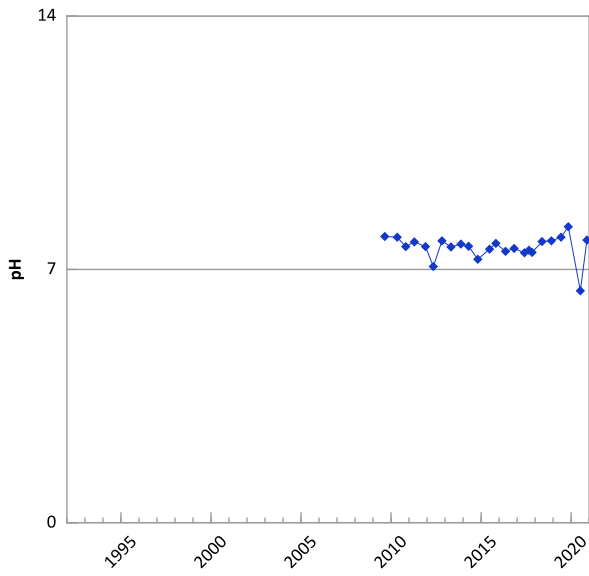
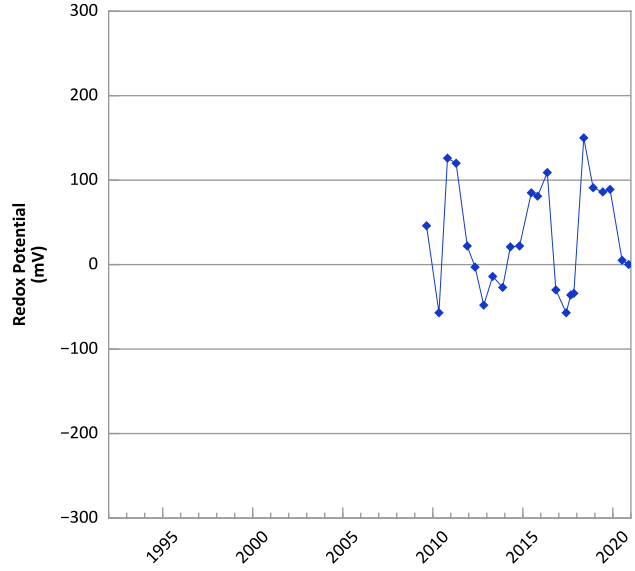
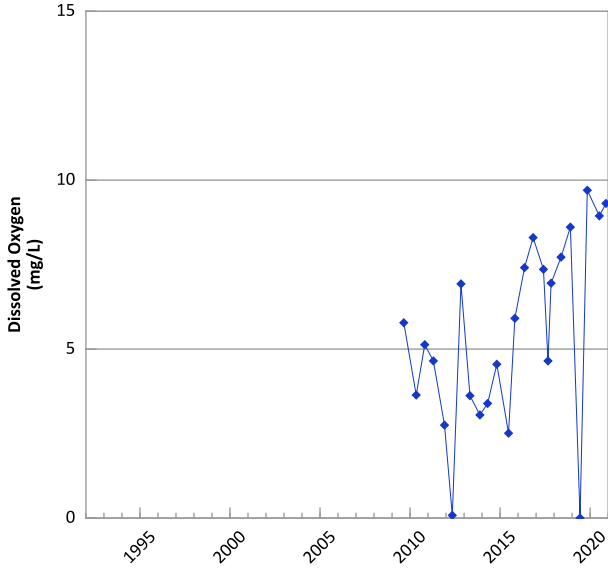
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/15/2011 to 11/10/2020
Analysis Date: 06/03/2021

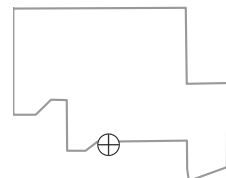
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



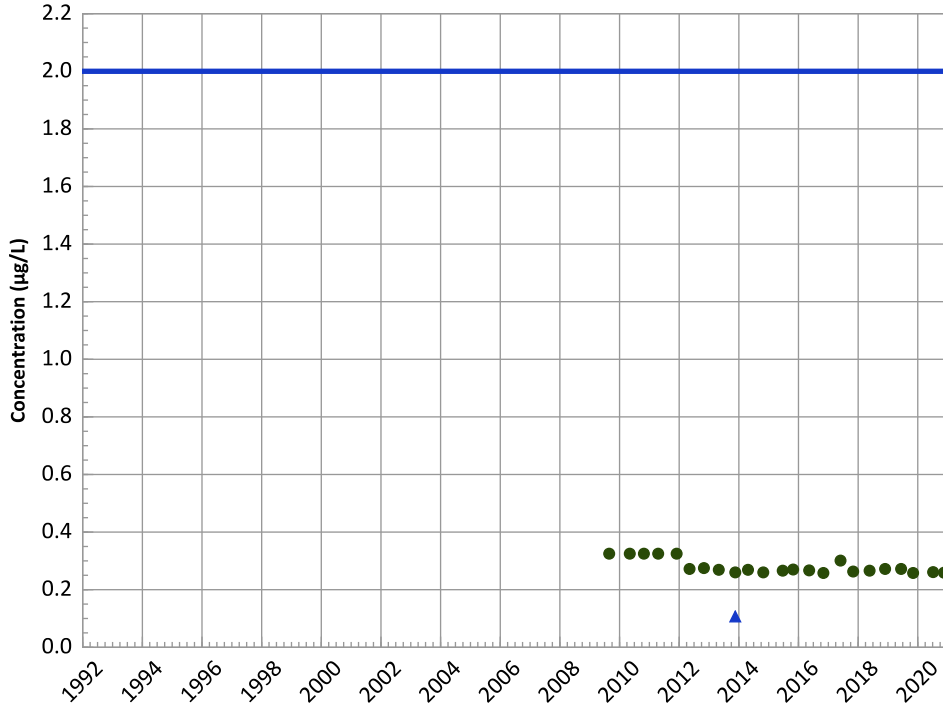
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/27/2009 to 11/17/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

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



Concentration Trend

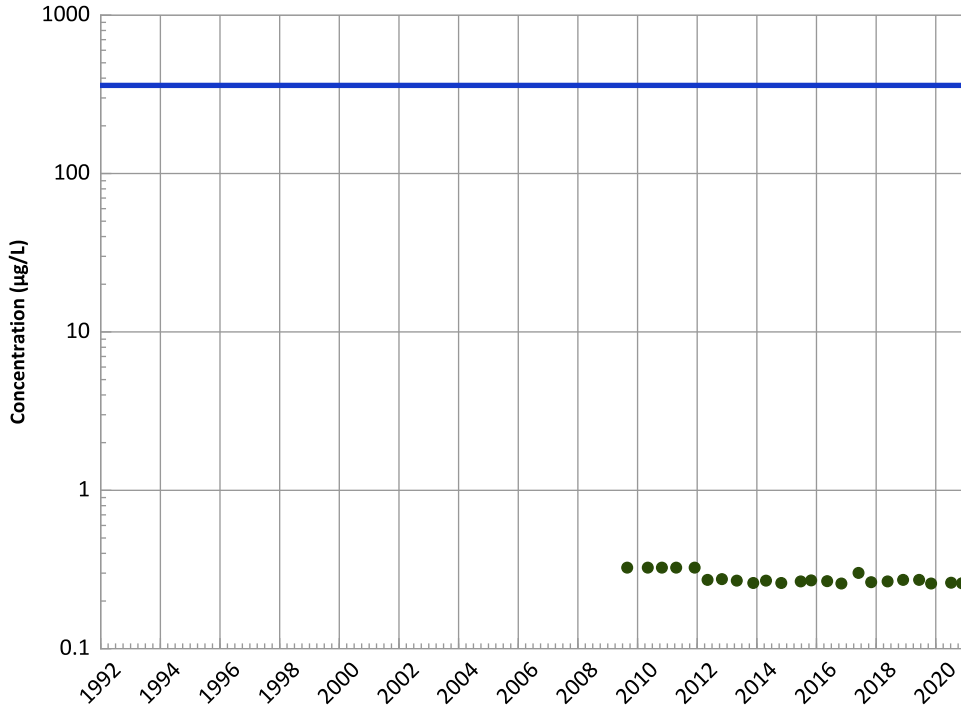
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

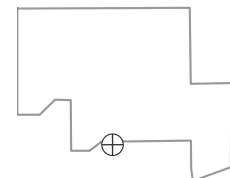
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

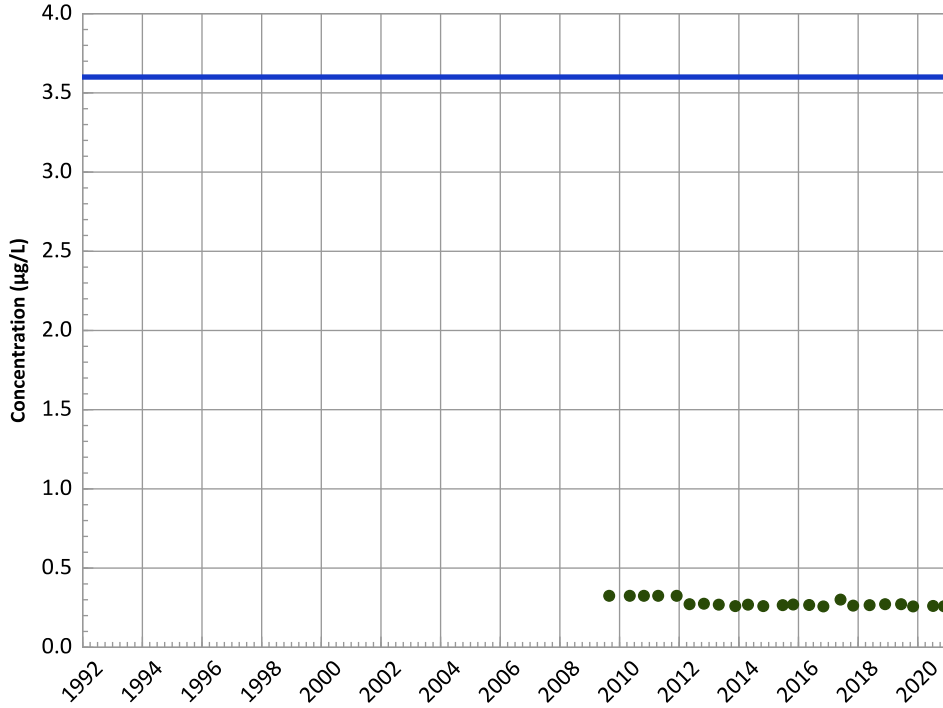
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

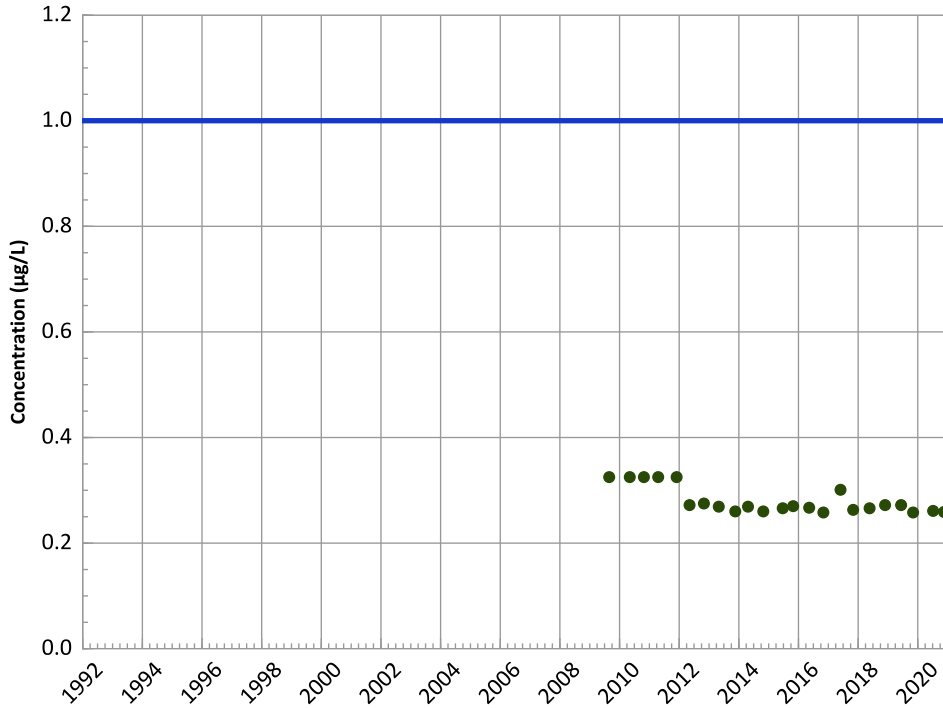
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

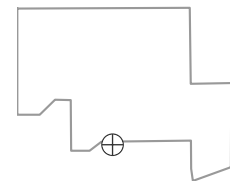
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

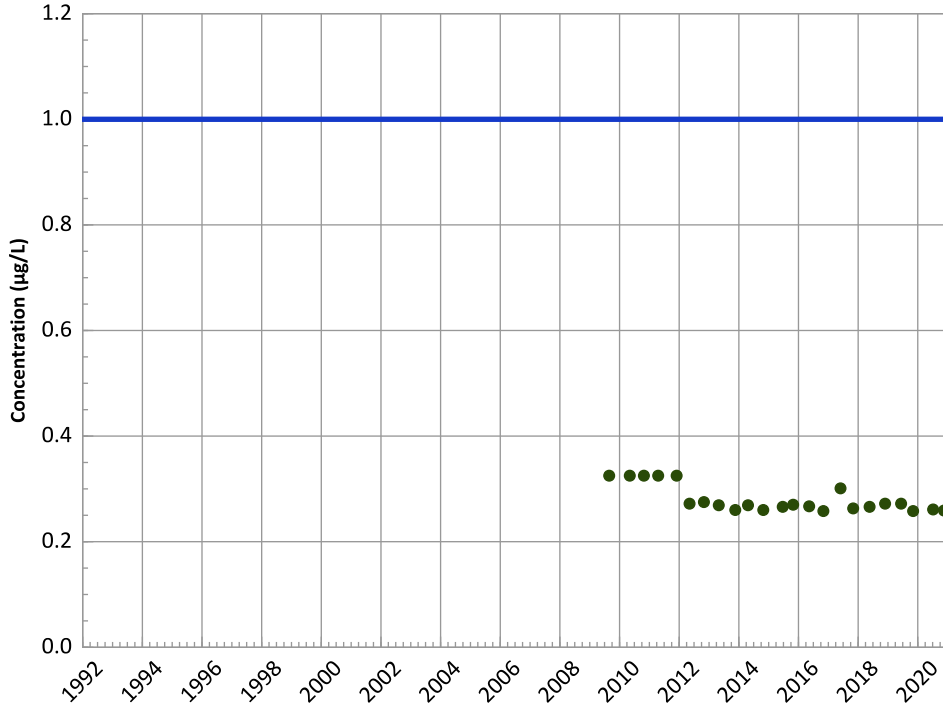


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

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

PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

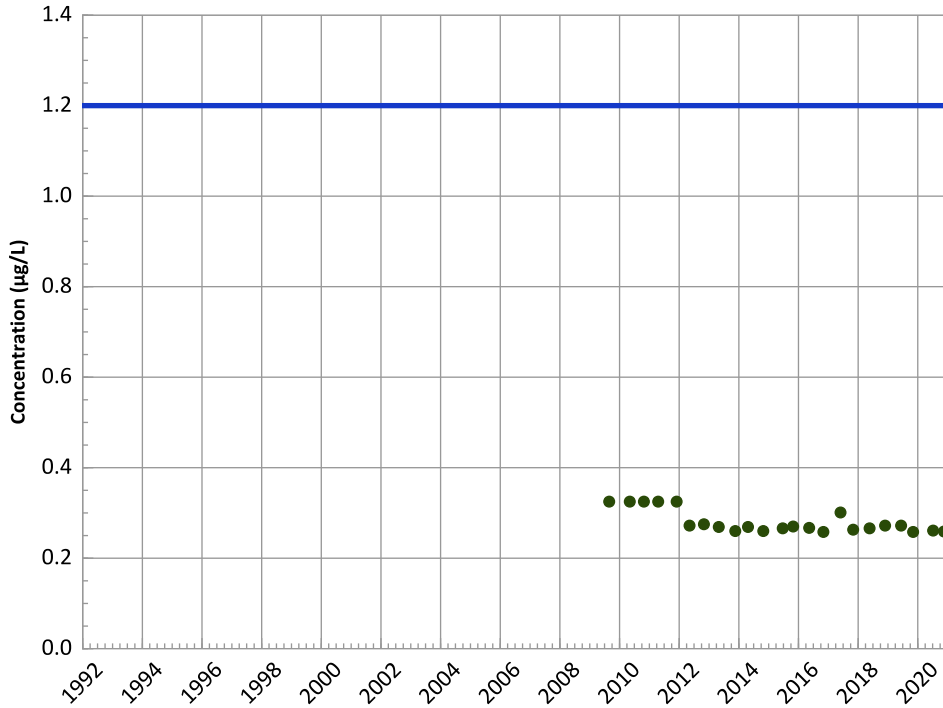
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

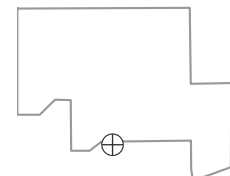
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

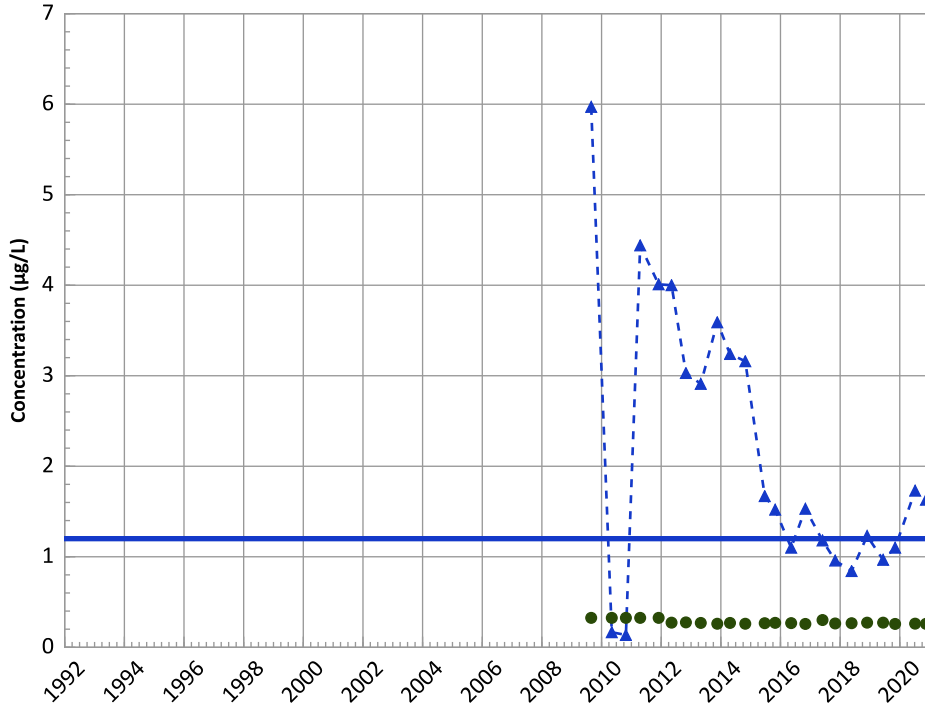


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

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

PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

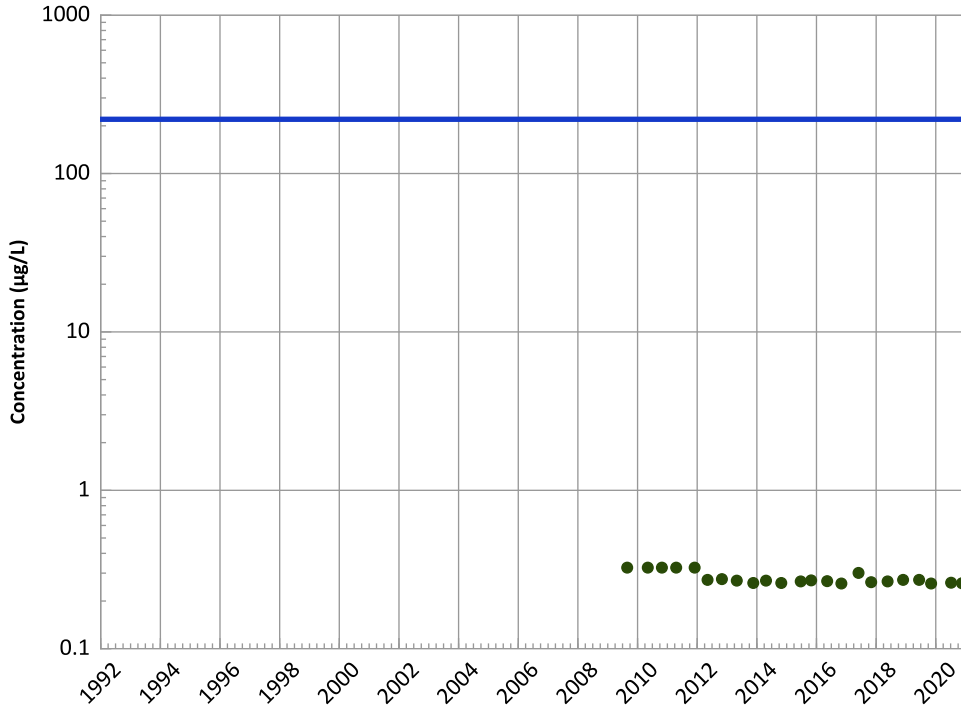
2018 - 2020 Data:

Increasing

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

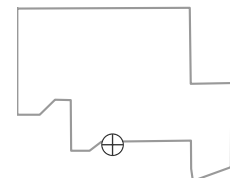
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

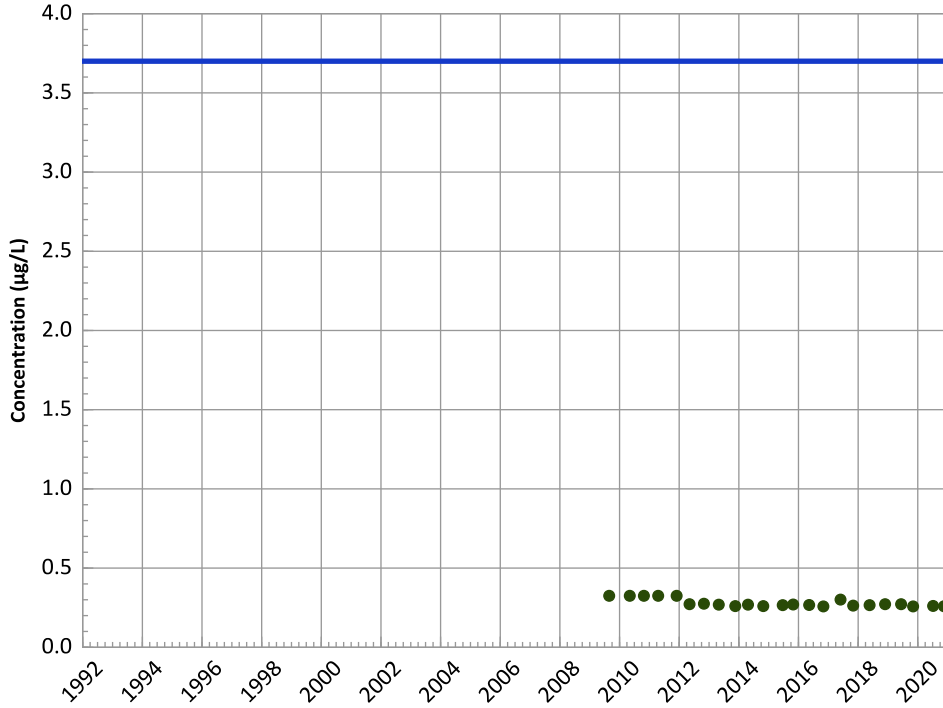
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

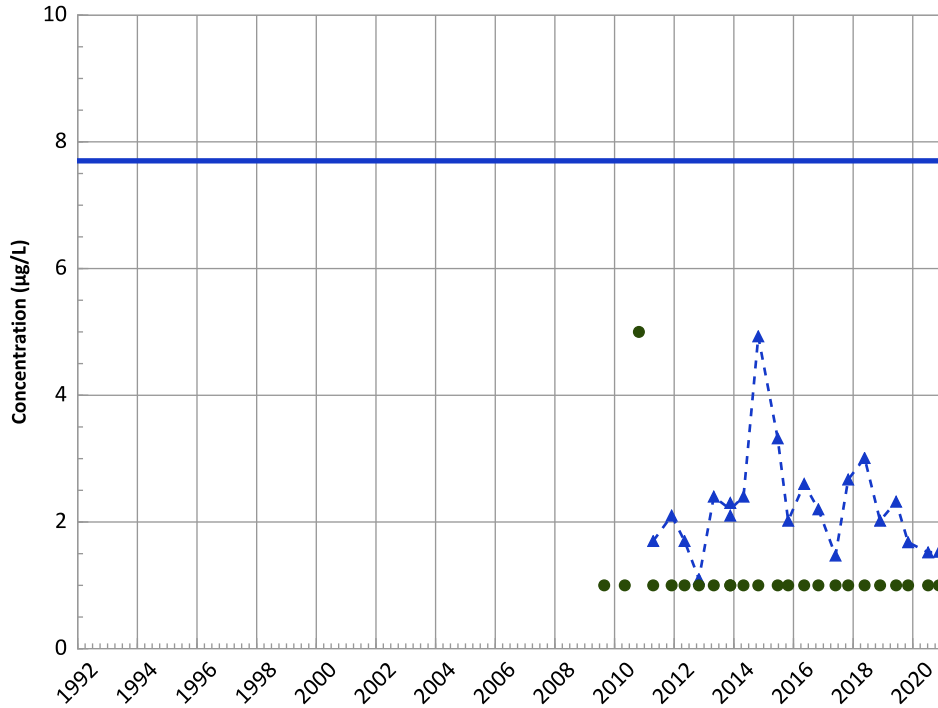
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

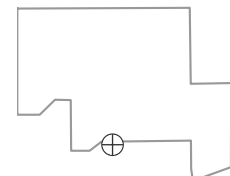
All Data:

Stable

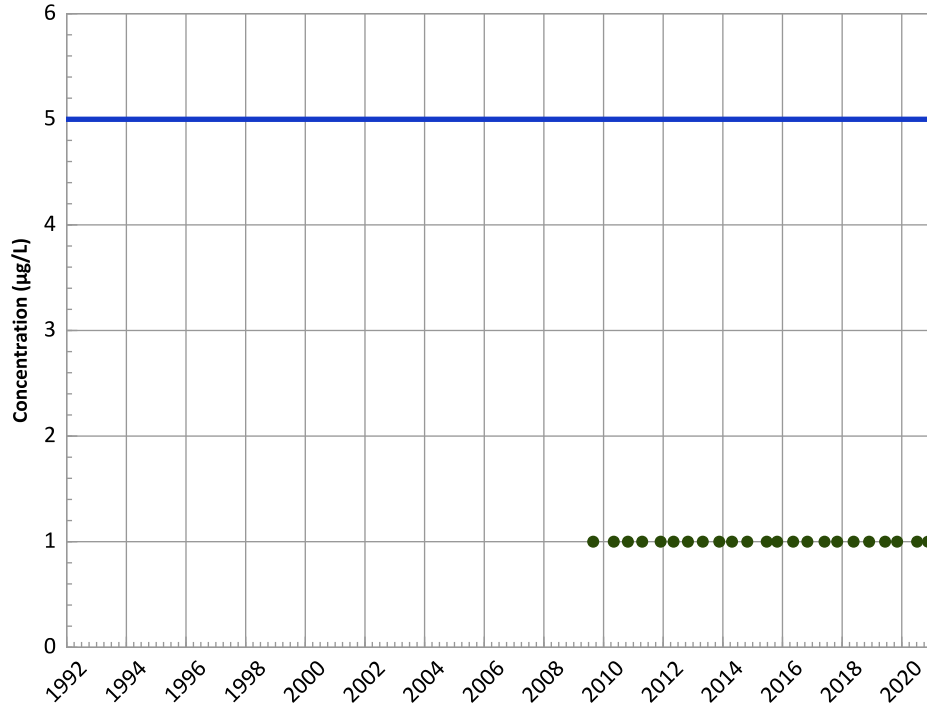
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

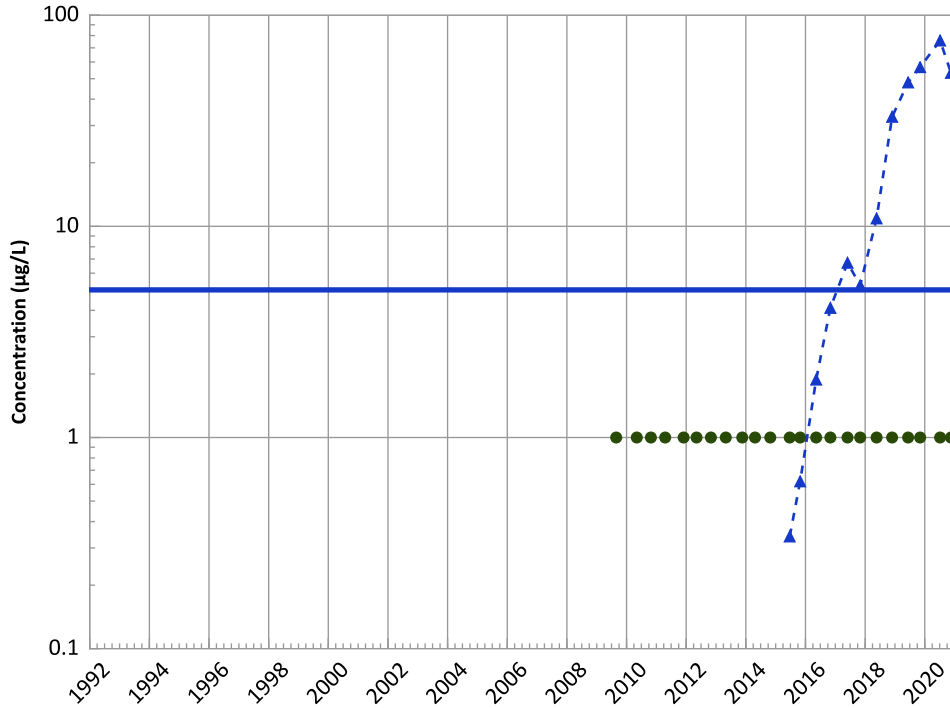
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

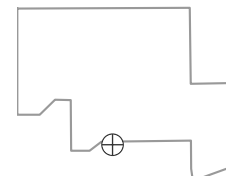
All Data:

Increasing

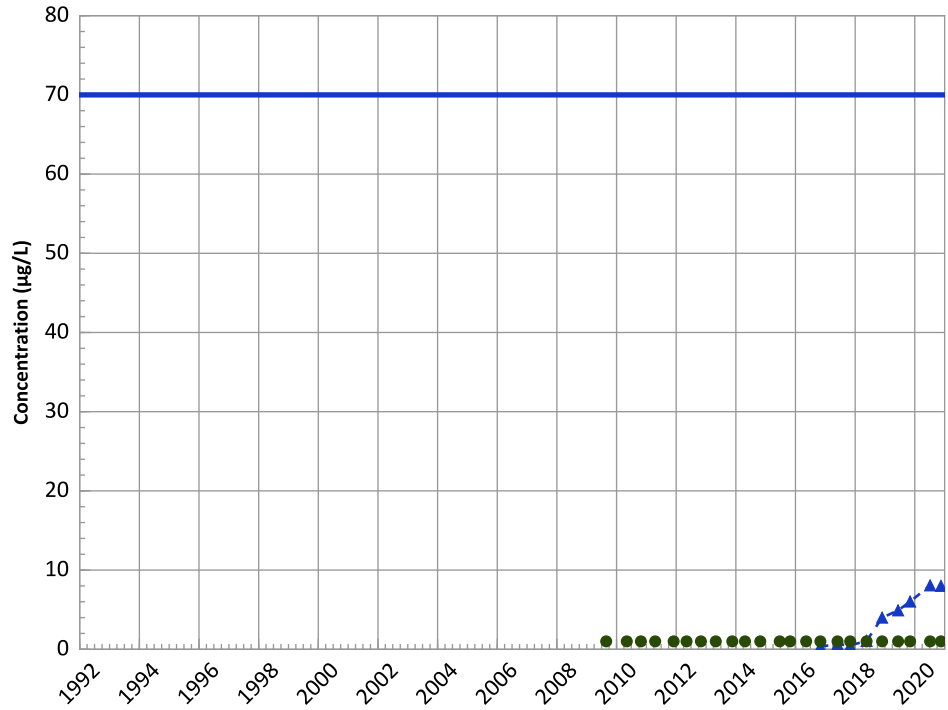
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

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

Well Location



**PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

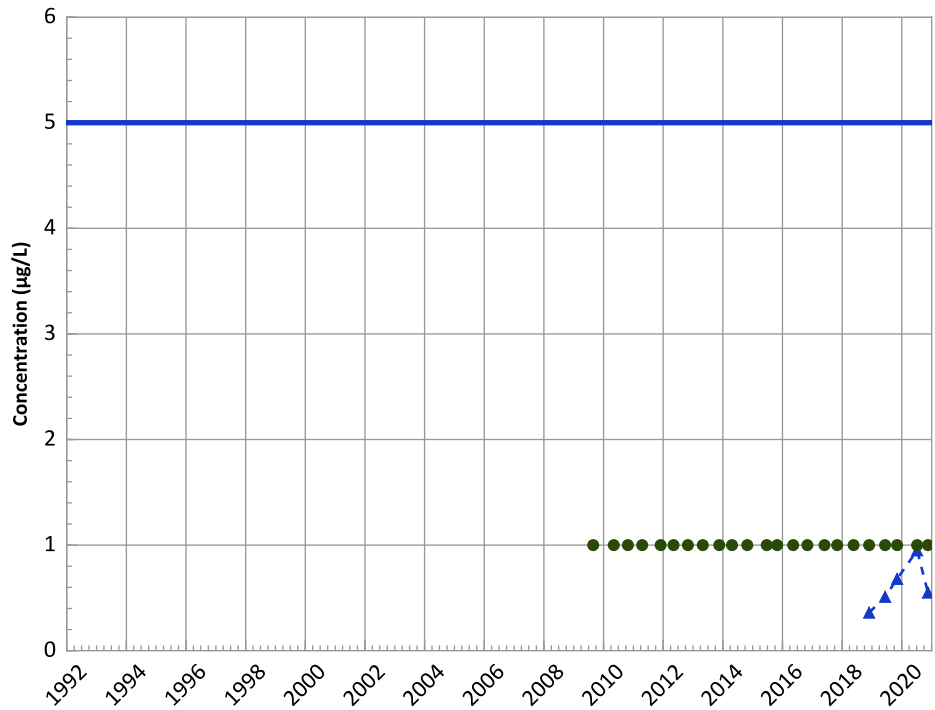
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

All Data:
Probably Increasing

MAROS Linear Regression Method

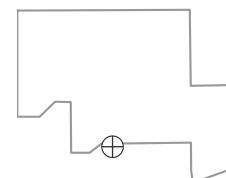
2018 - 2020 Data:
No Trend

All Data:
No Trend

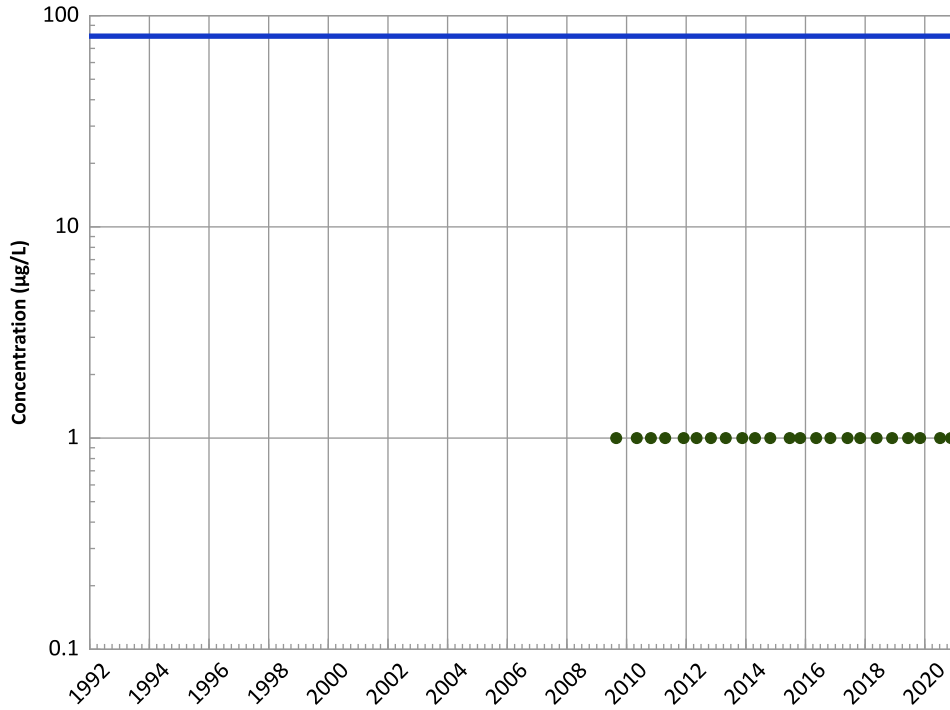
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

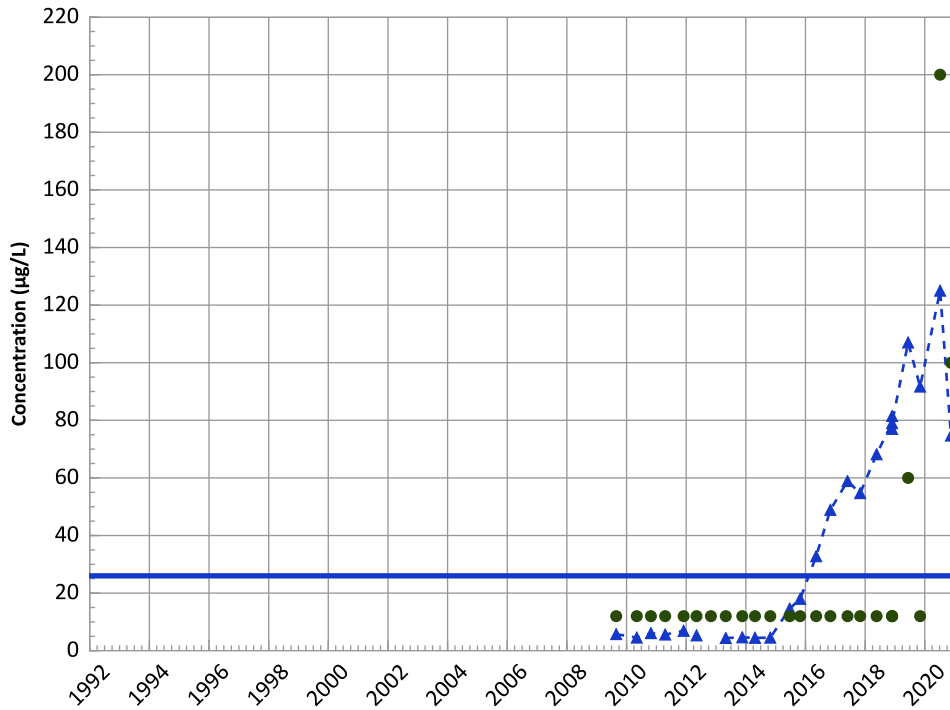
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

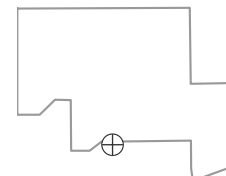
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/27/2009 to 11/17/2020
 Analysis Date: 06/03/2021

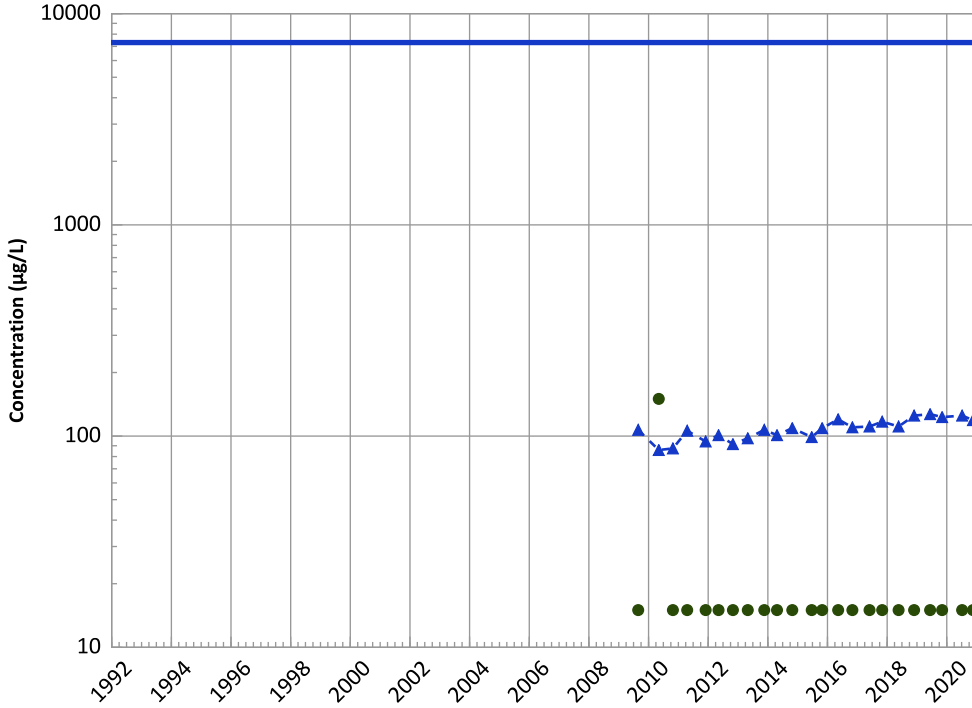
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

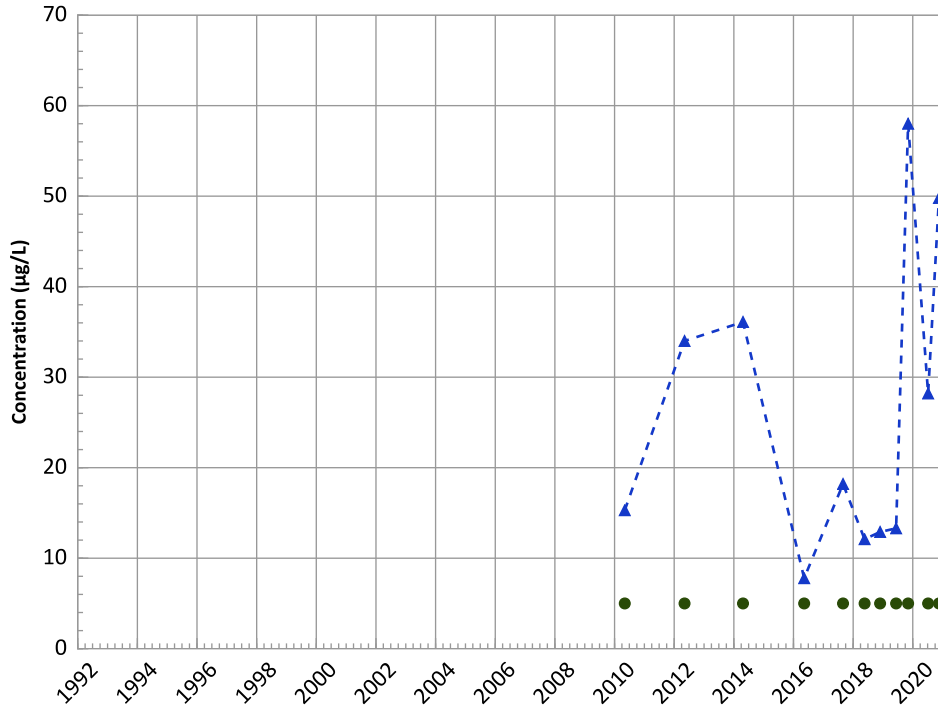
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

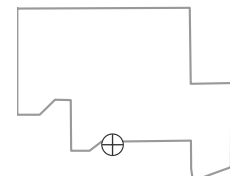
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

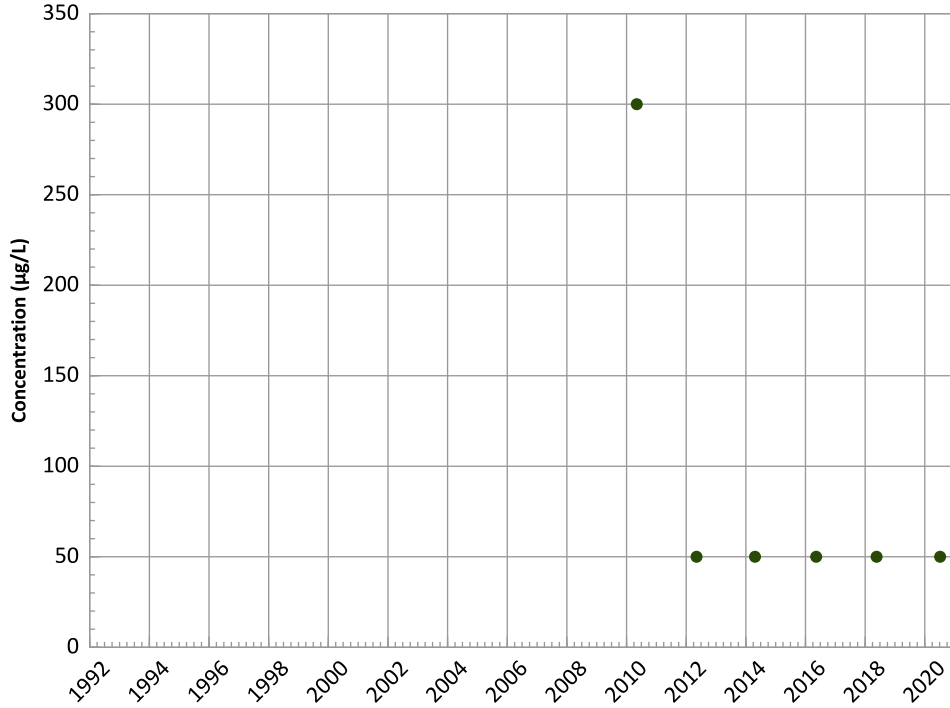


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

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

PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

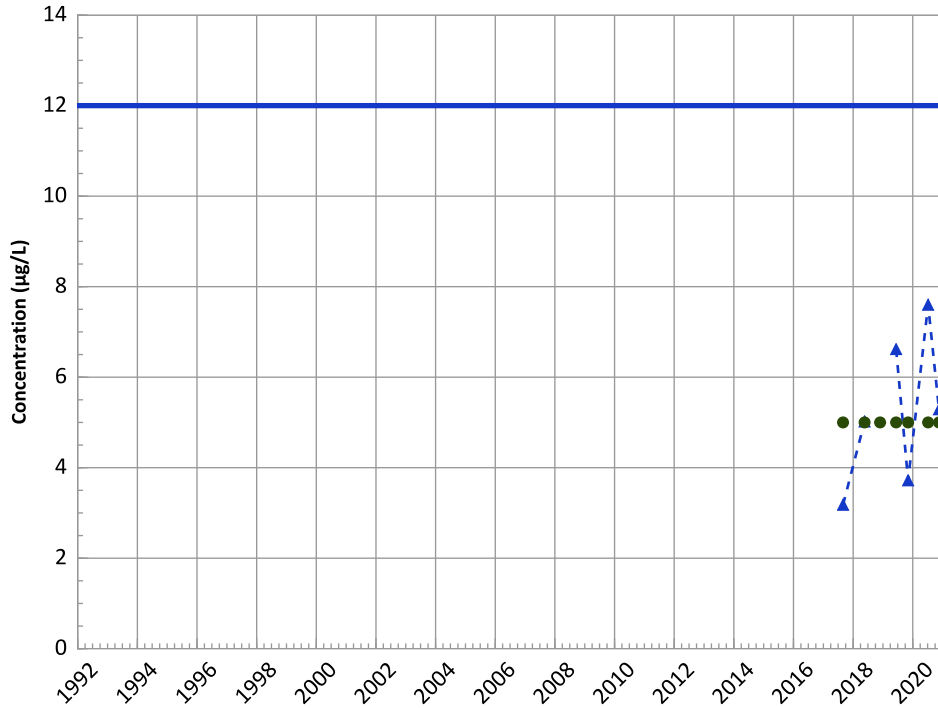
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

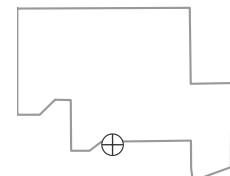
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

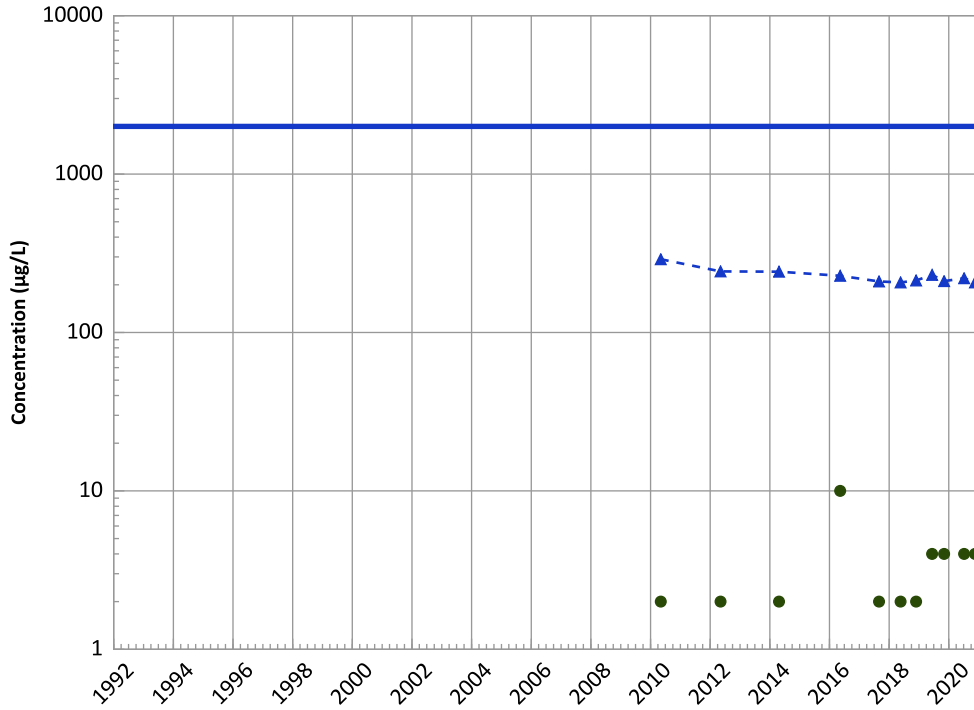


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

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

PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

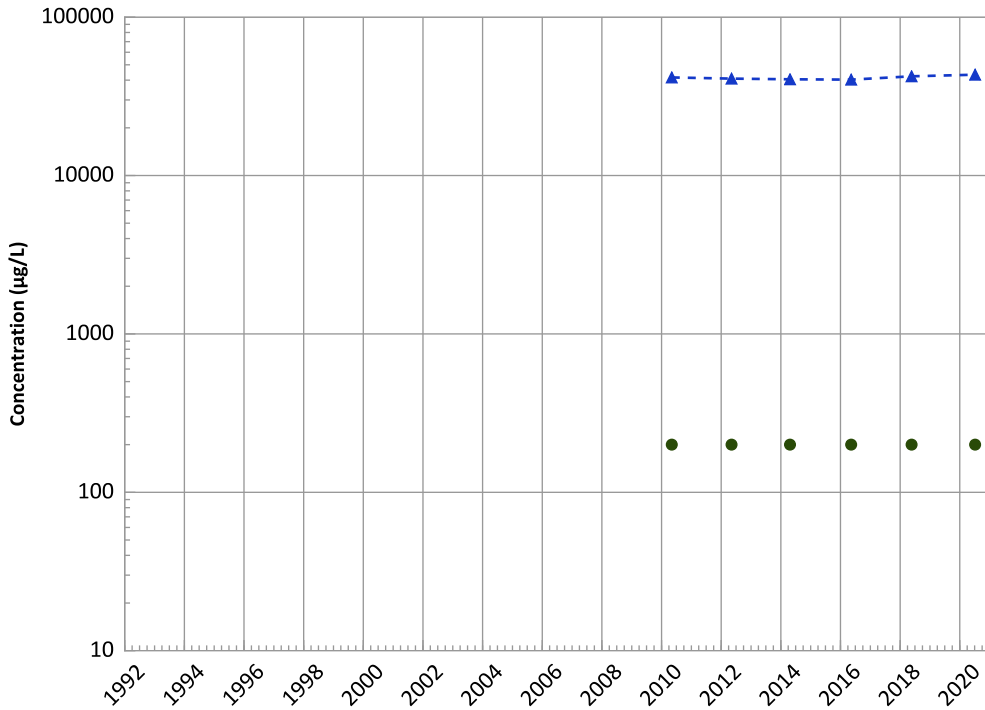
2018 - 2020 Data:

Stable

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

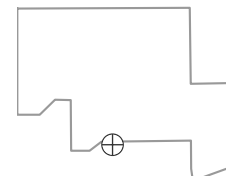
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

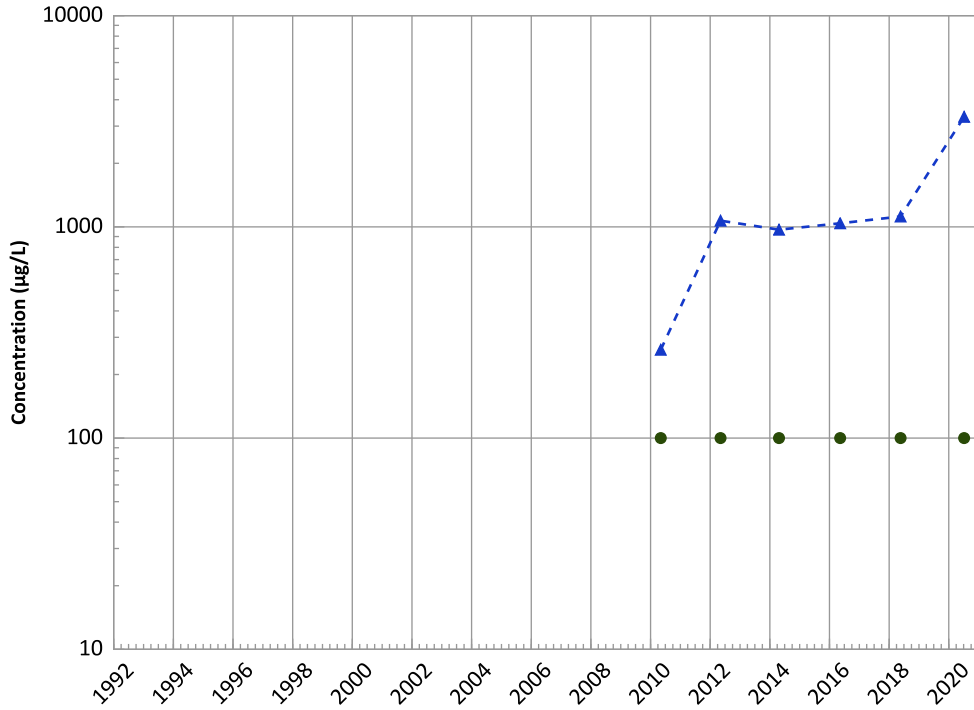
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

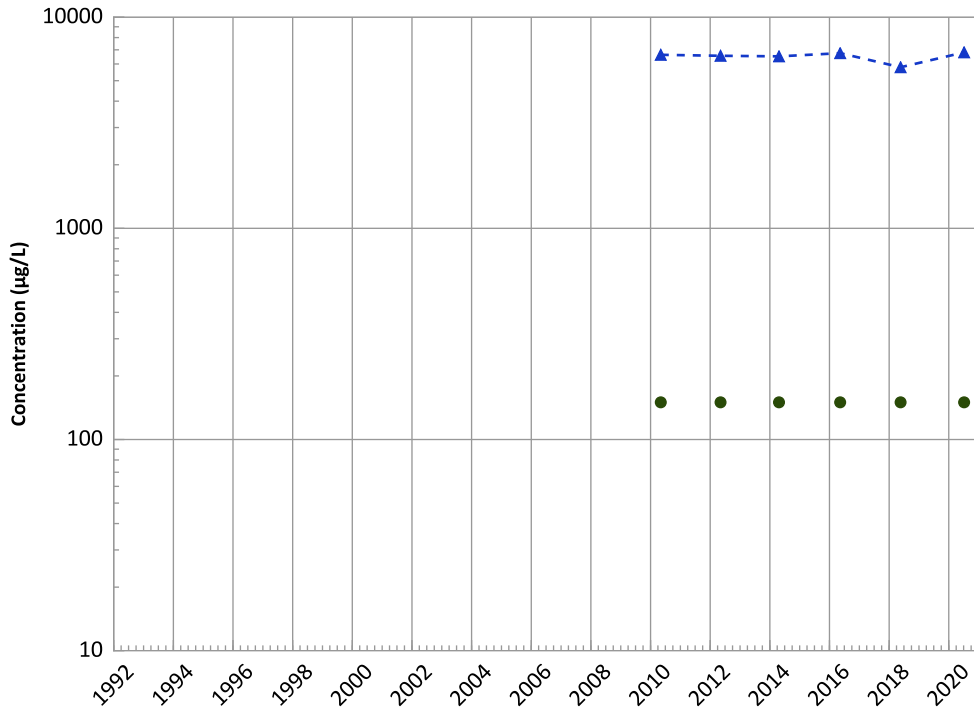
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

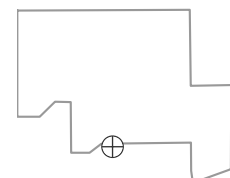
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Well Location

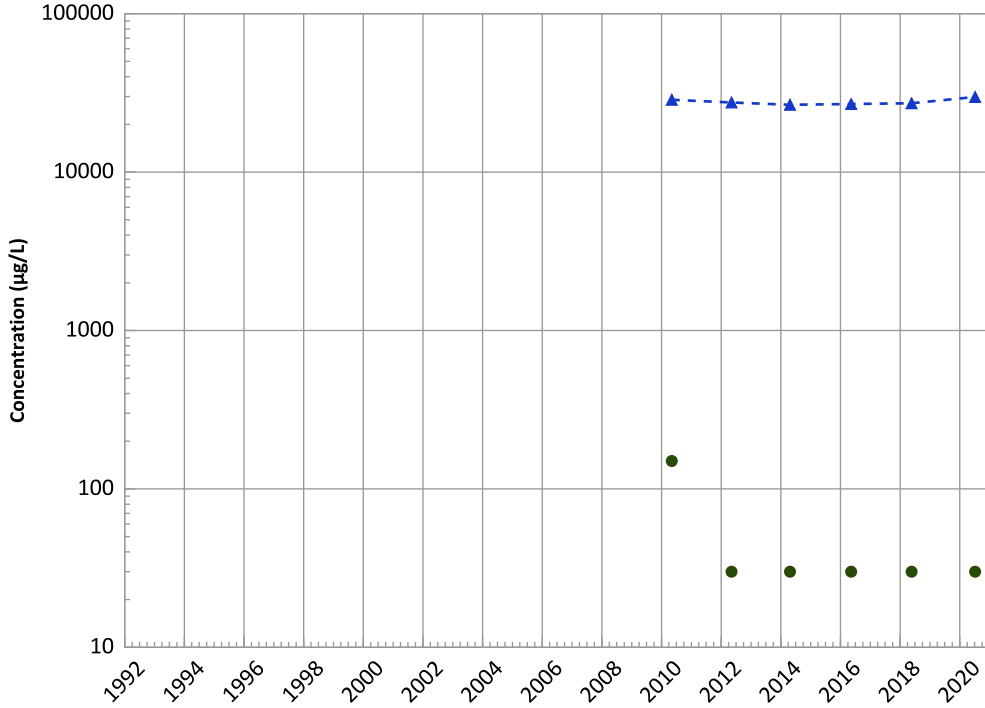


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

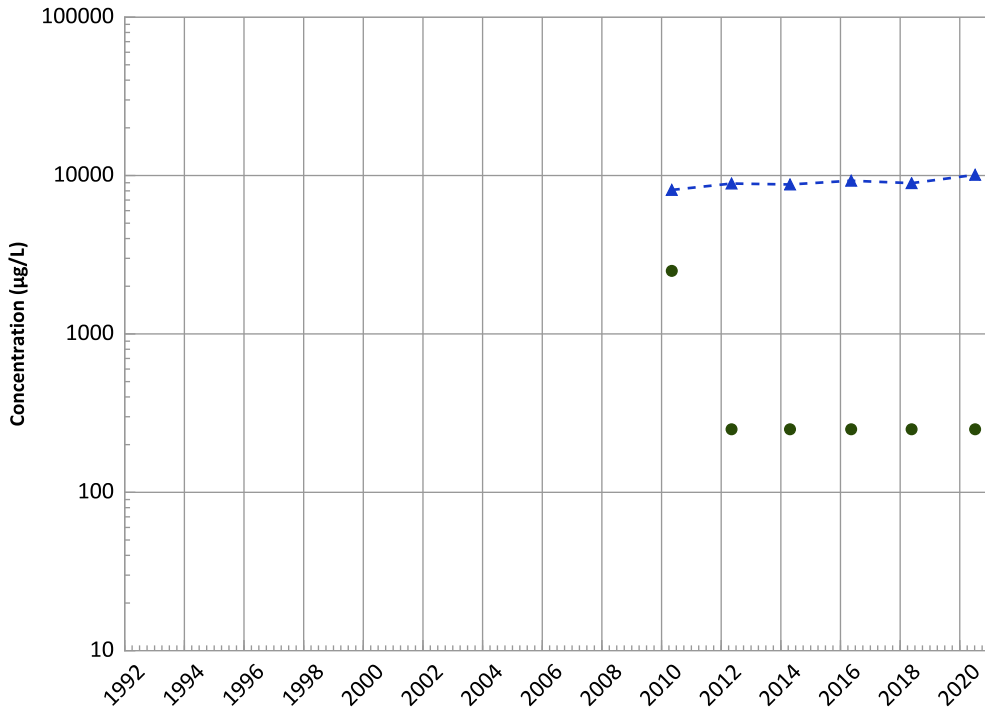
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

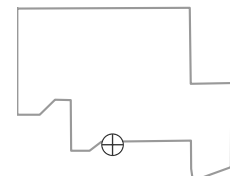
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

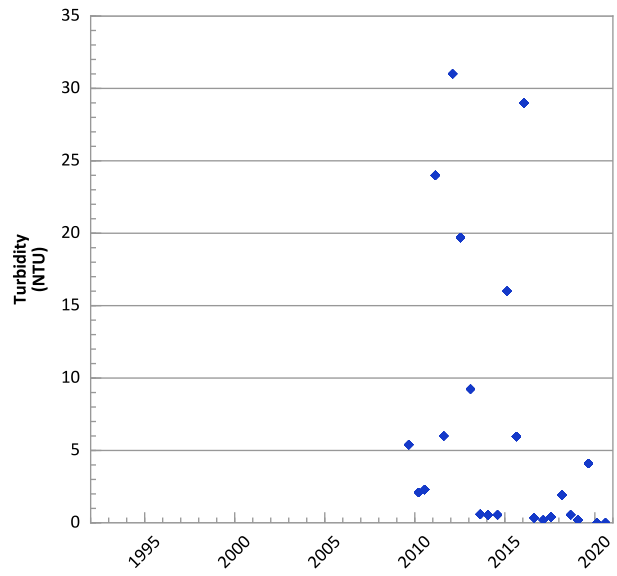
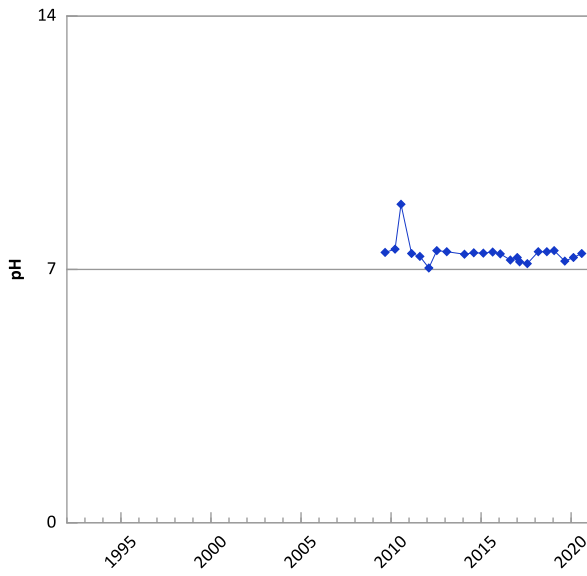
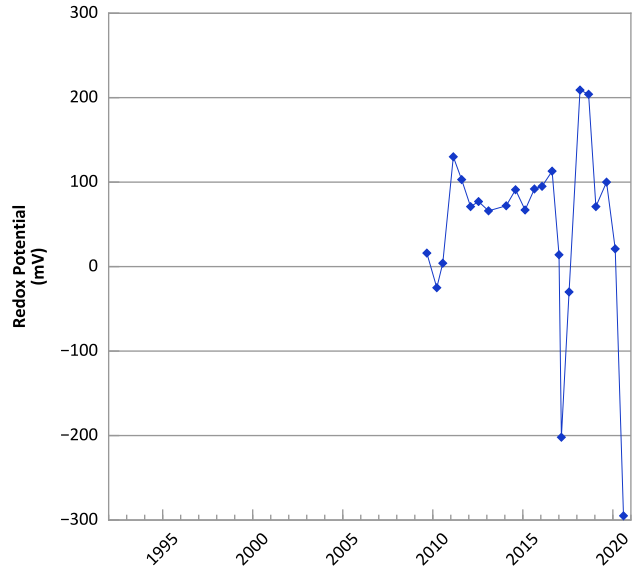
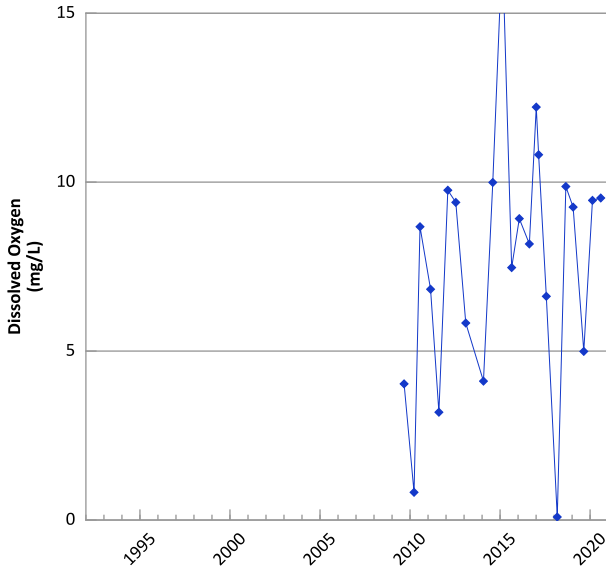
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/27/2009 to 11/17/2020
Analysis Date: 06/03/2021

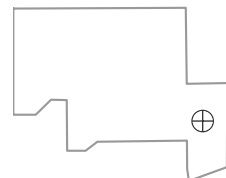
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



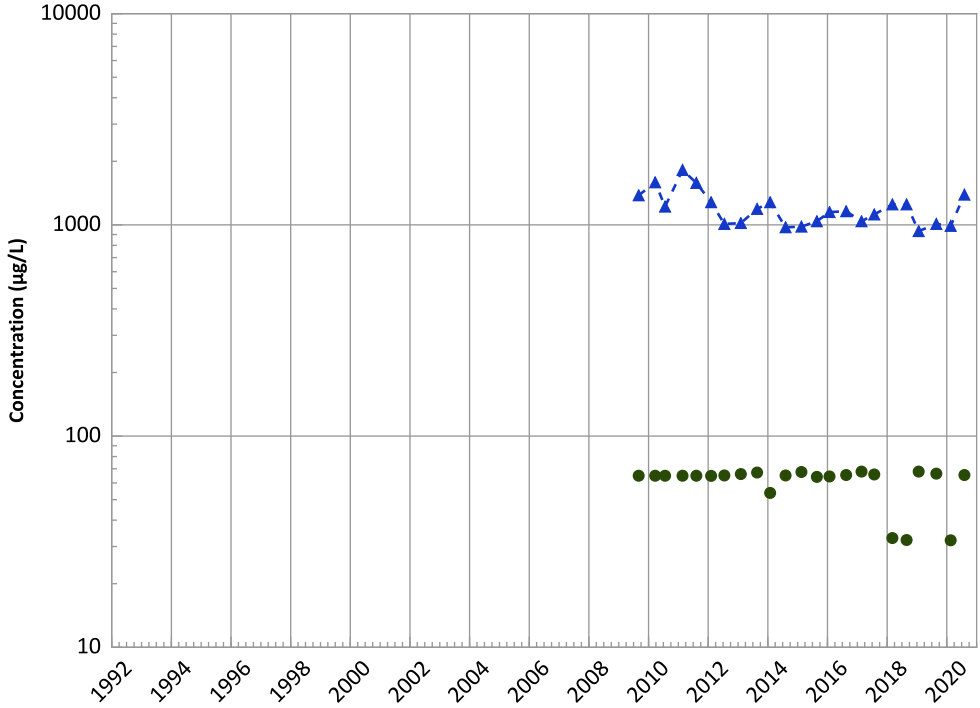
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/02/2009 to 08/04/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

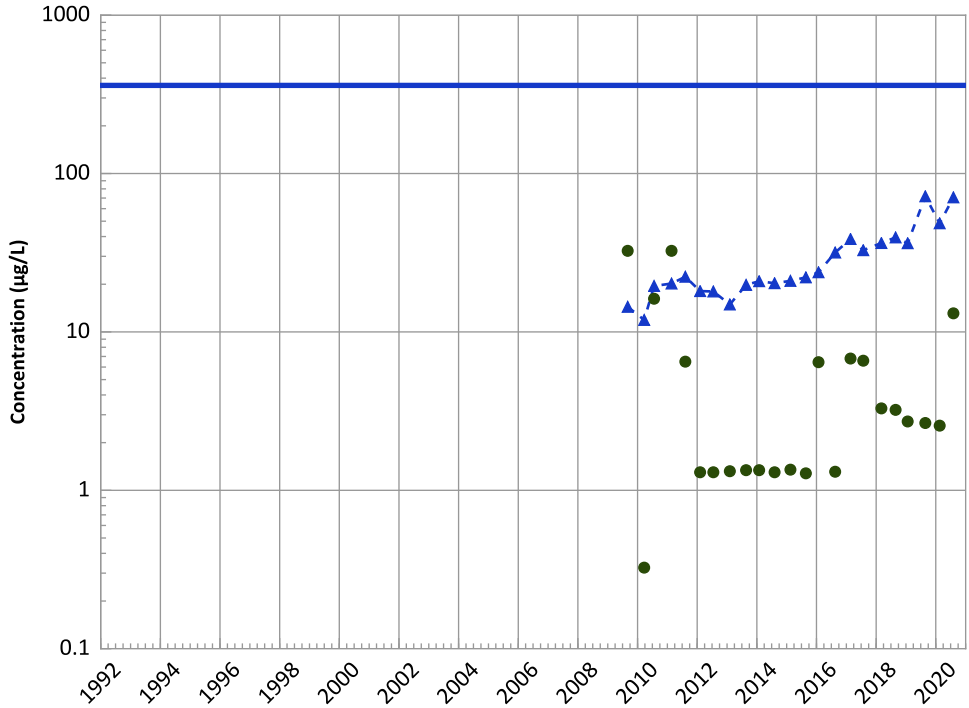
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

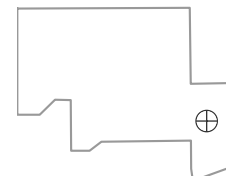
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

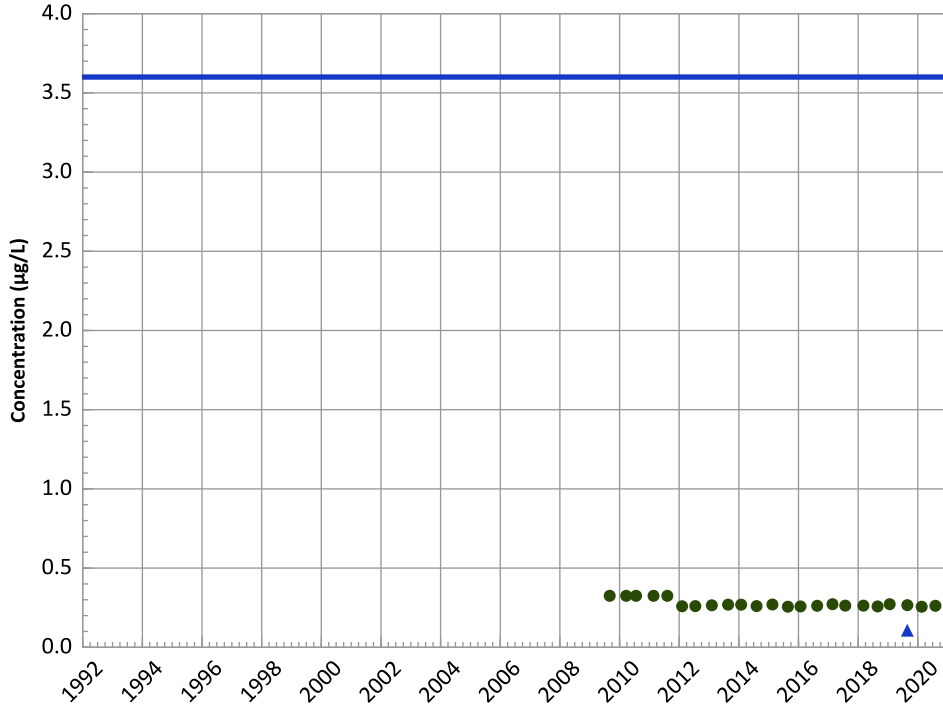
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

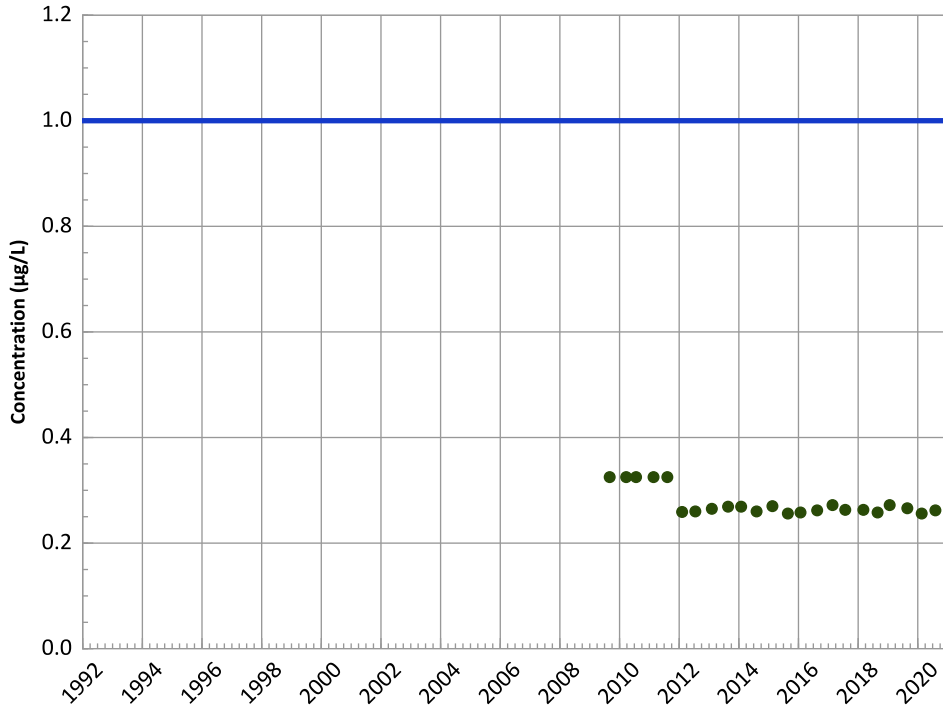
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

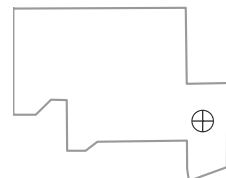
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

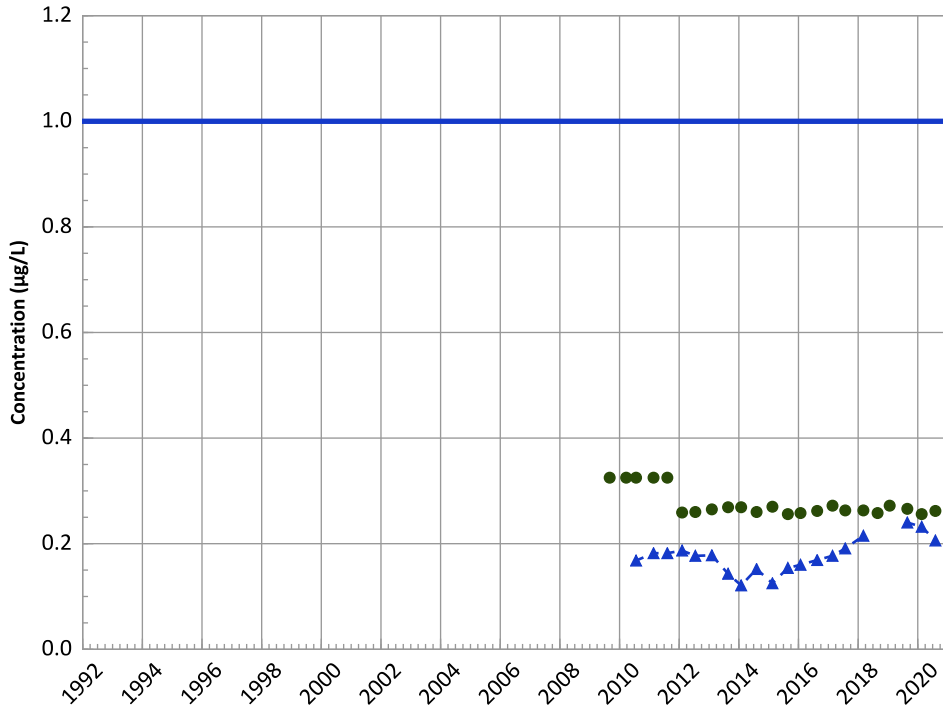
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**

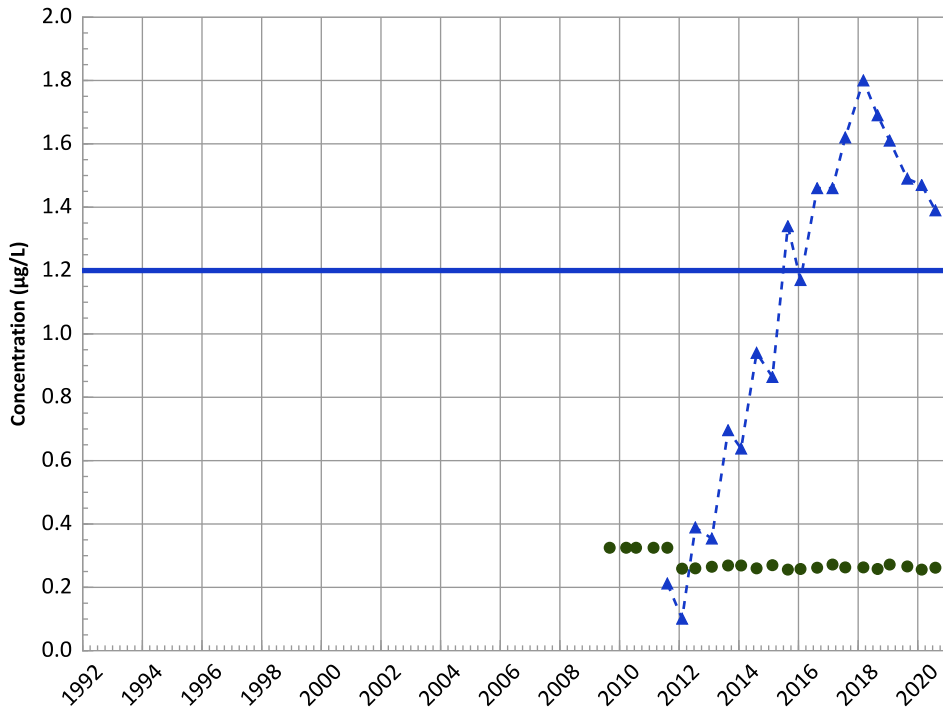


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

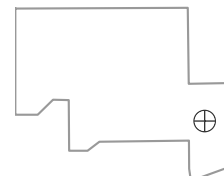
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

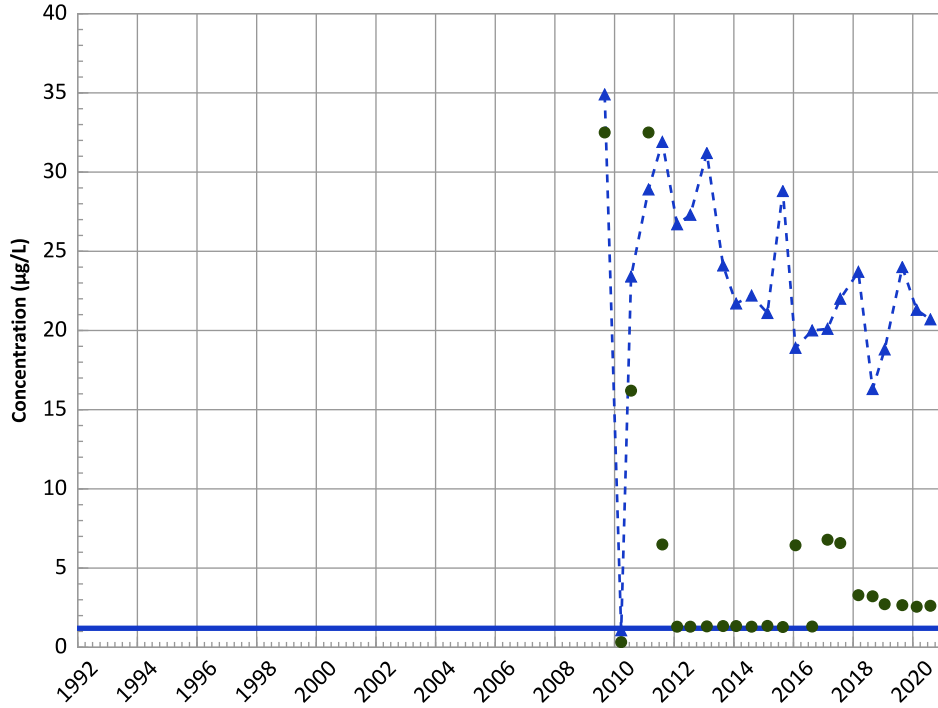
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

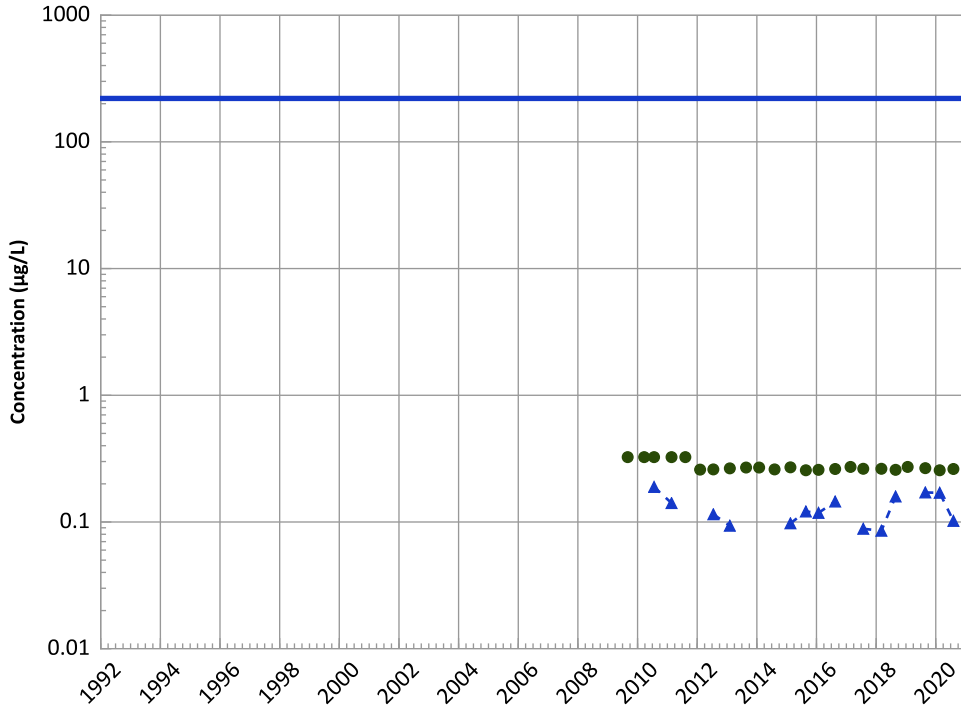
2018 - 2020 Data:

No Trend

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

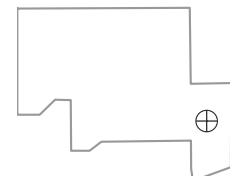
2018 - 2020 Data:

Stable

All Data:

Increasing

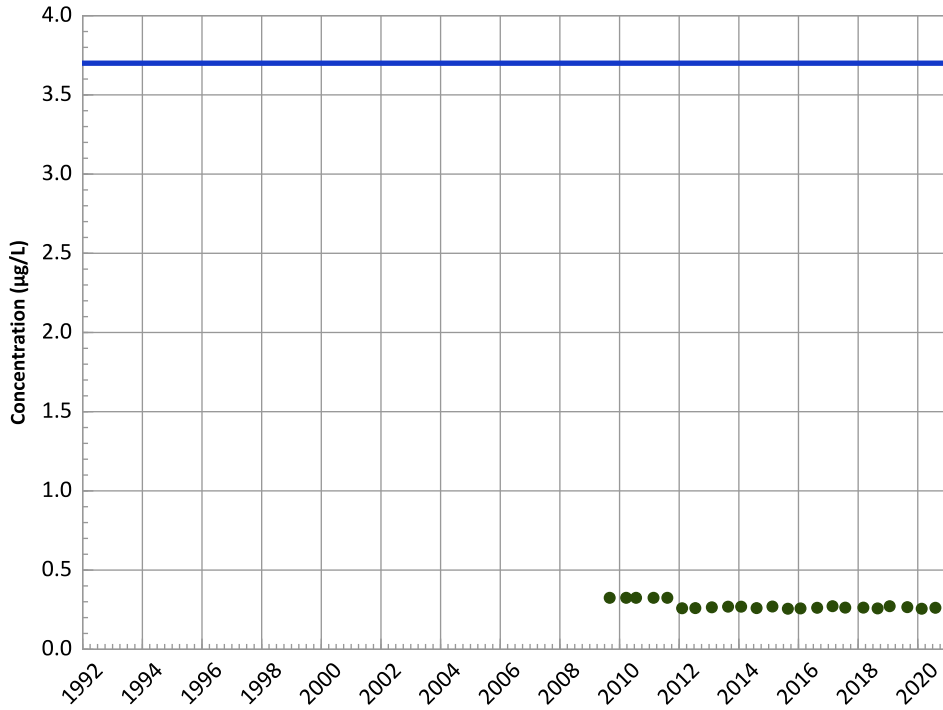
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

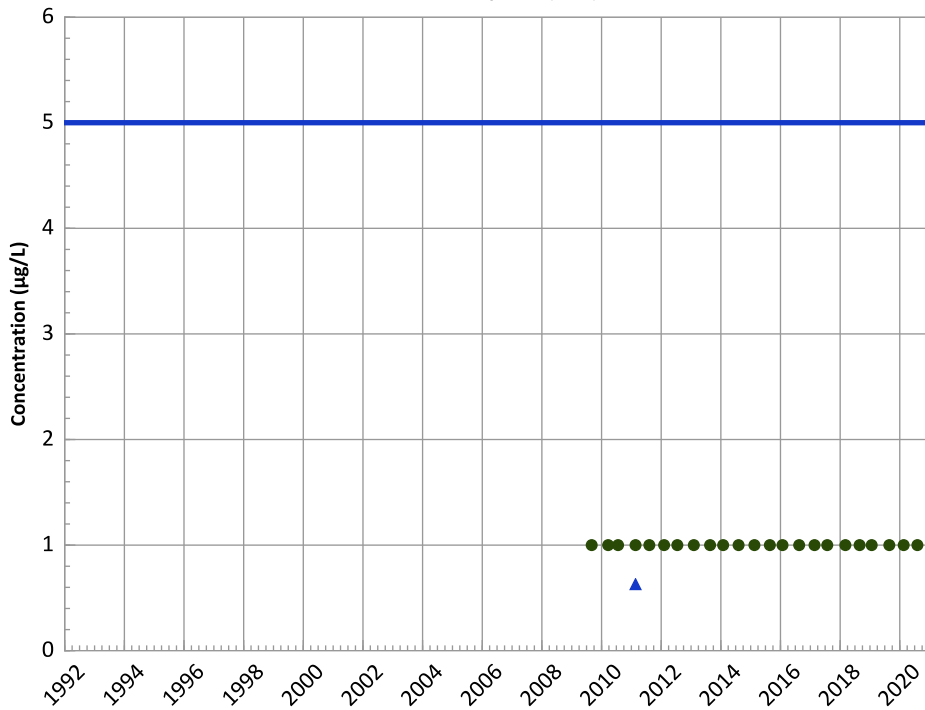
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

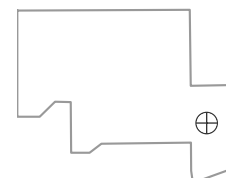
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

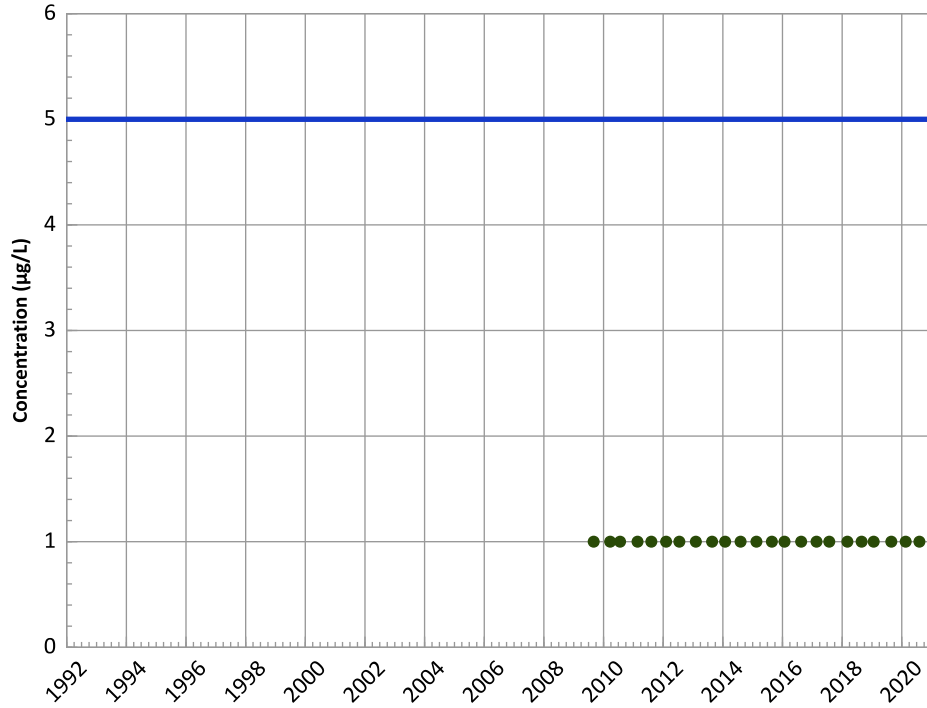


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

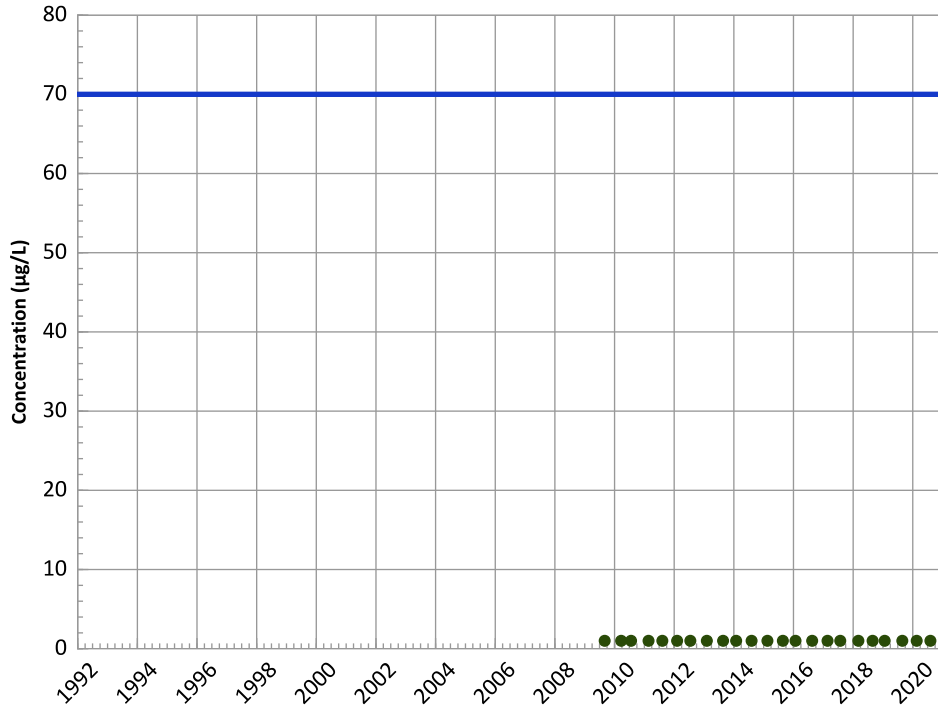
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

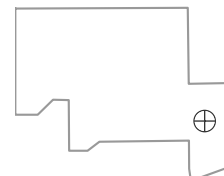
All Data:

All Non-Detect

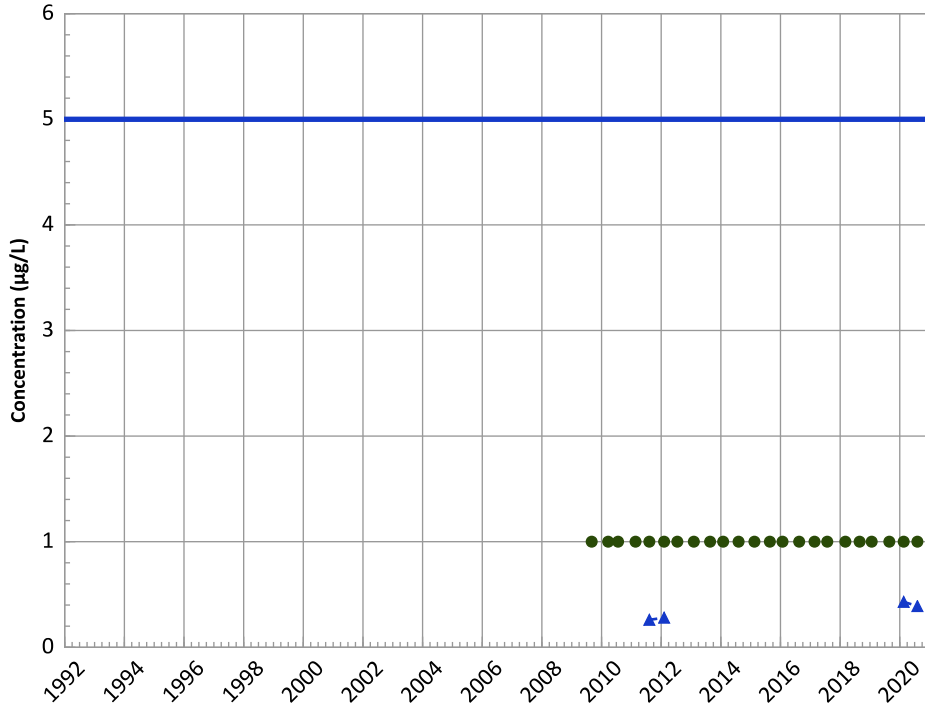
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ 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**

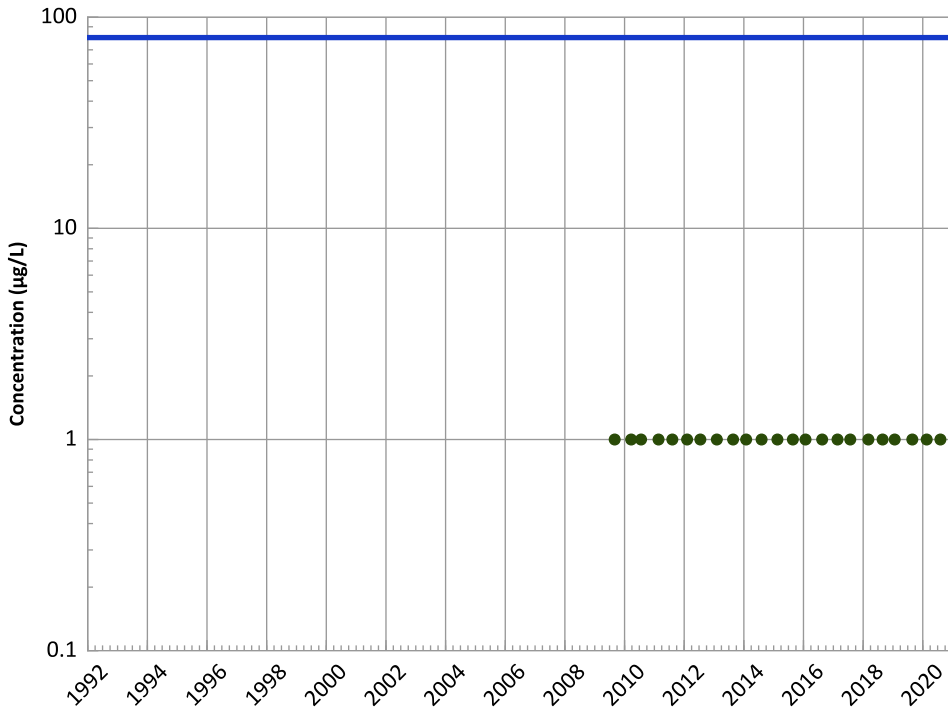


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

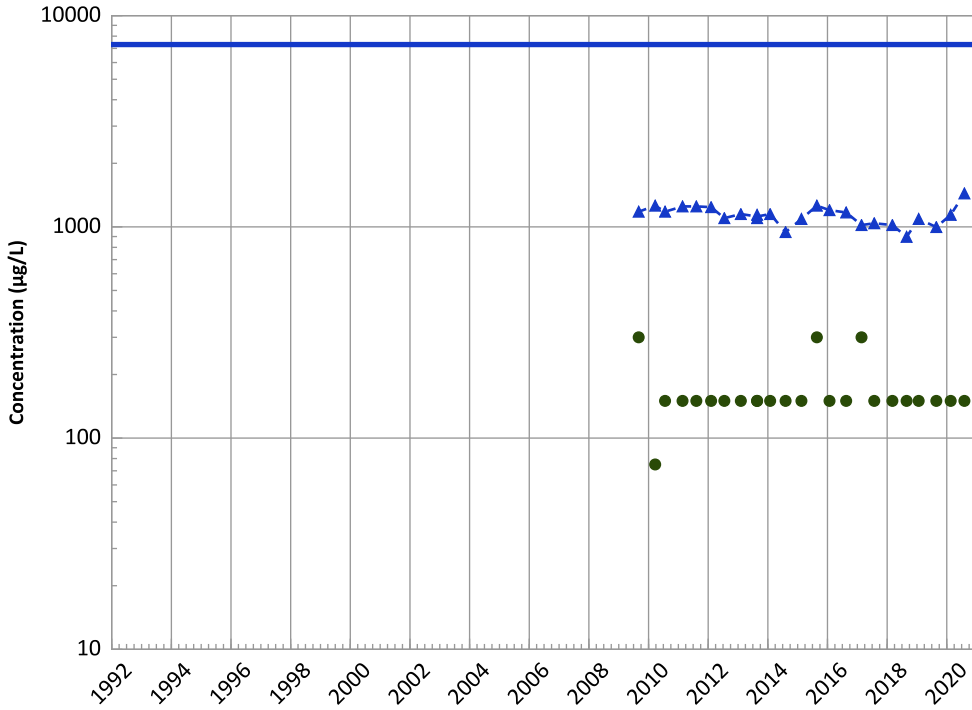
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

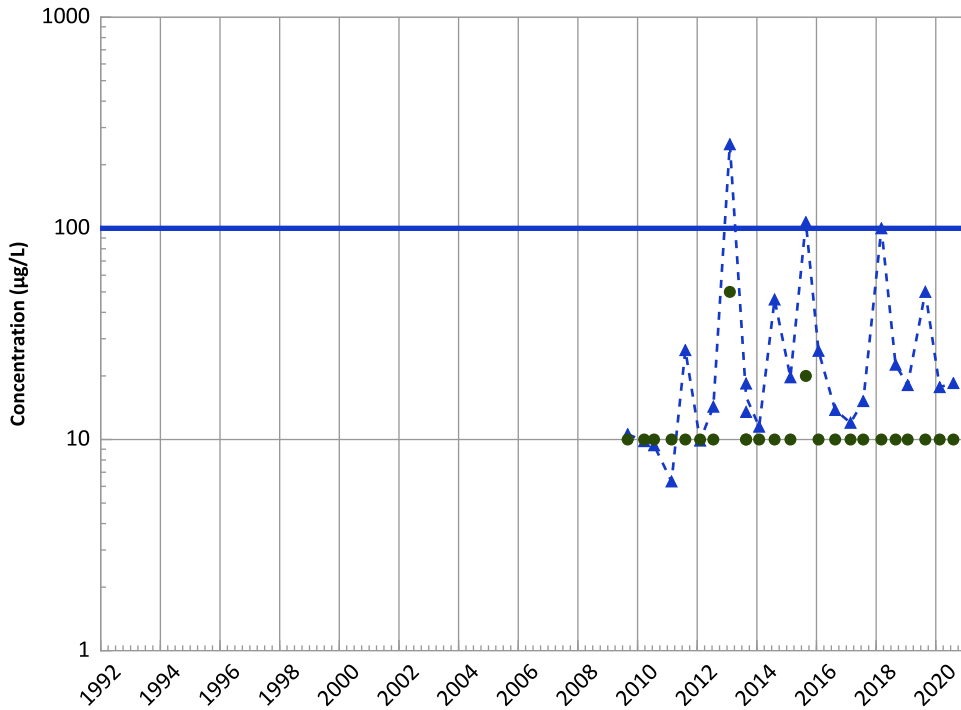


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Decreasing

Chromium, Total Trend



Concentration Trend

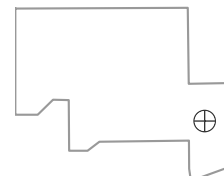
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

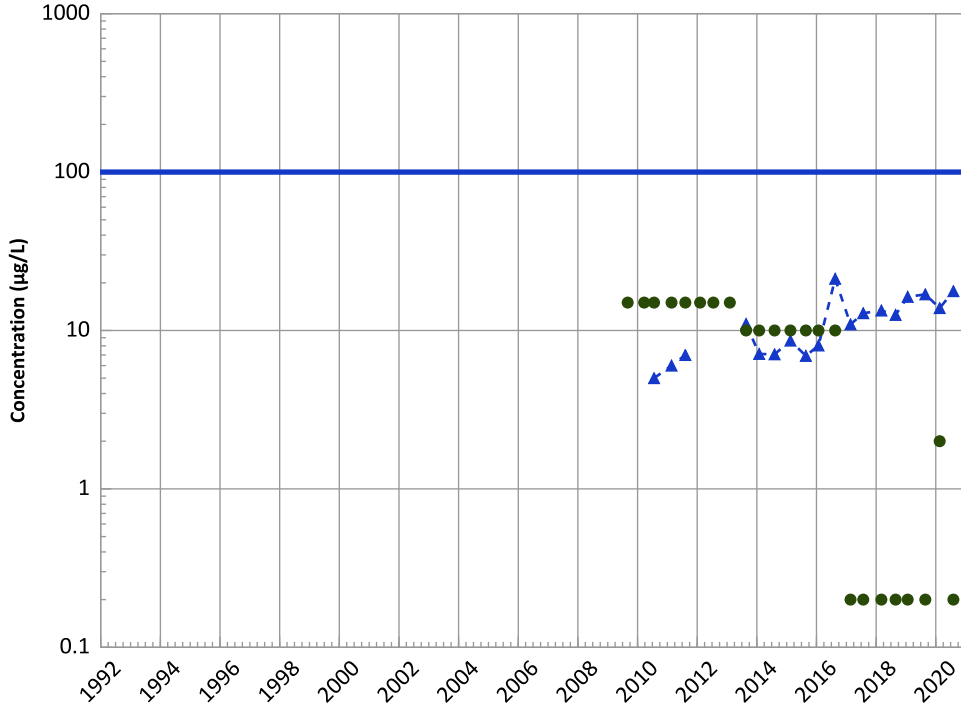
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

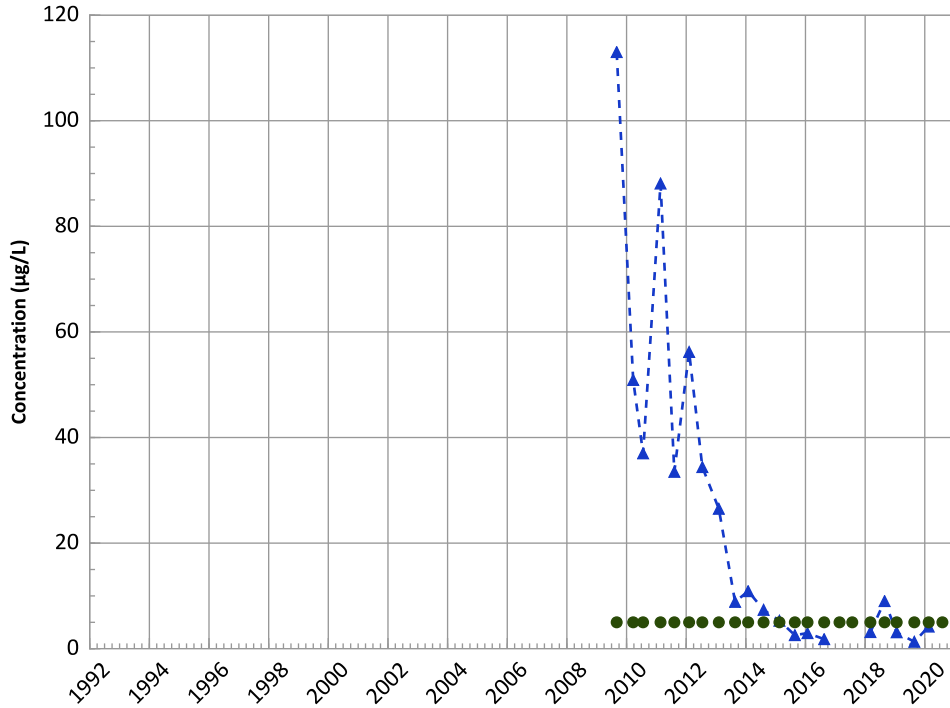
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

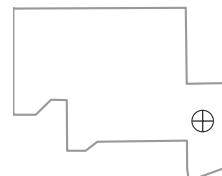
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

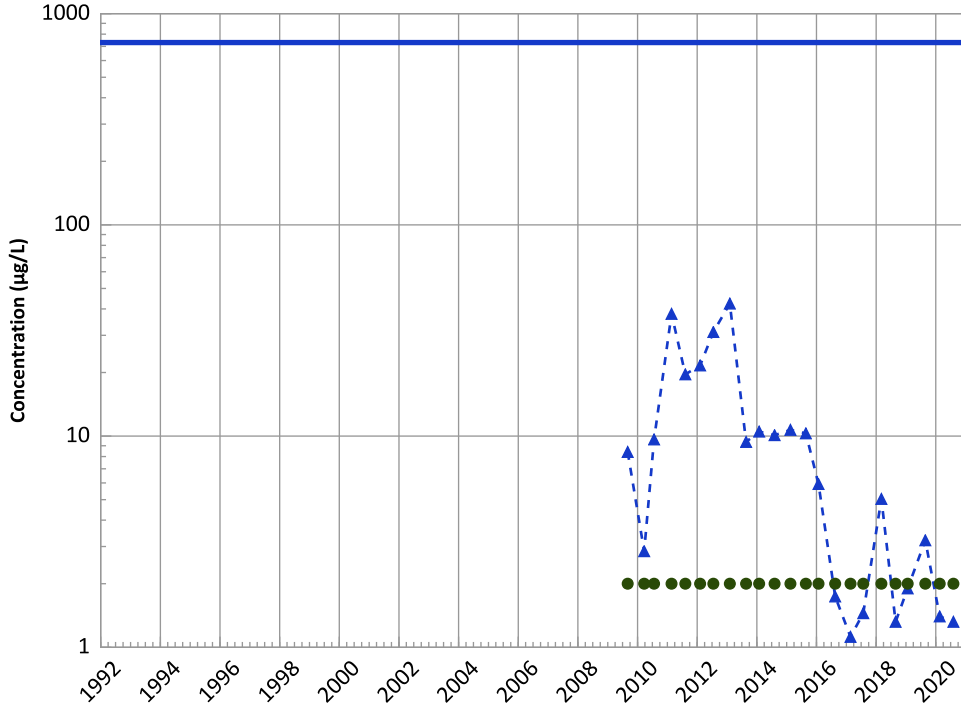
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

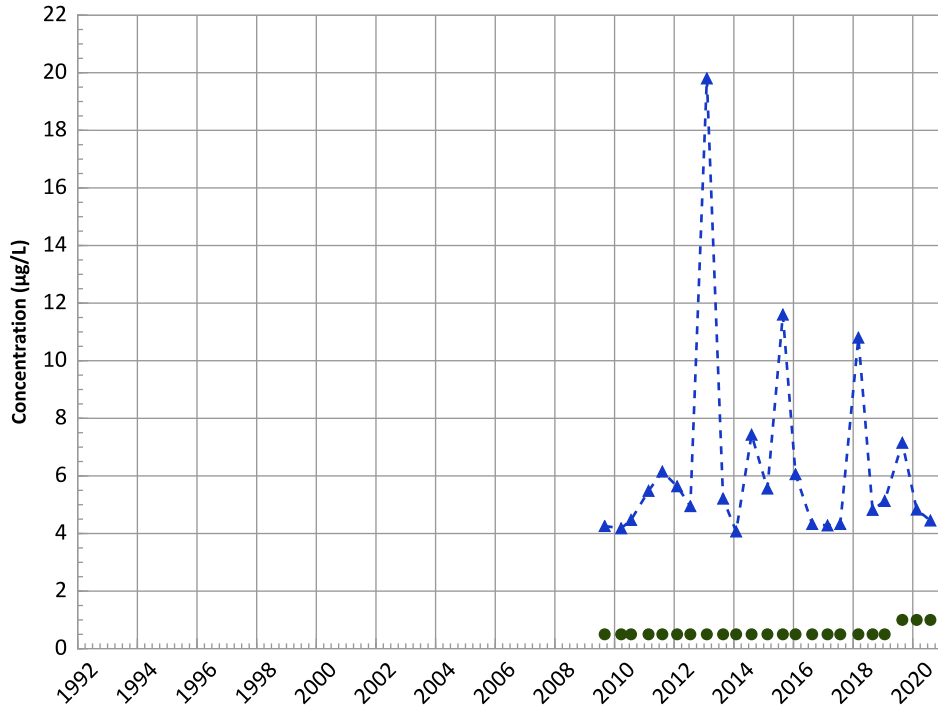
2018 - 2020 Data:

Stable

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

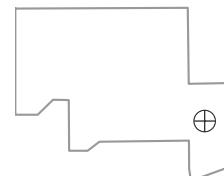
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

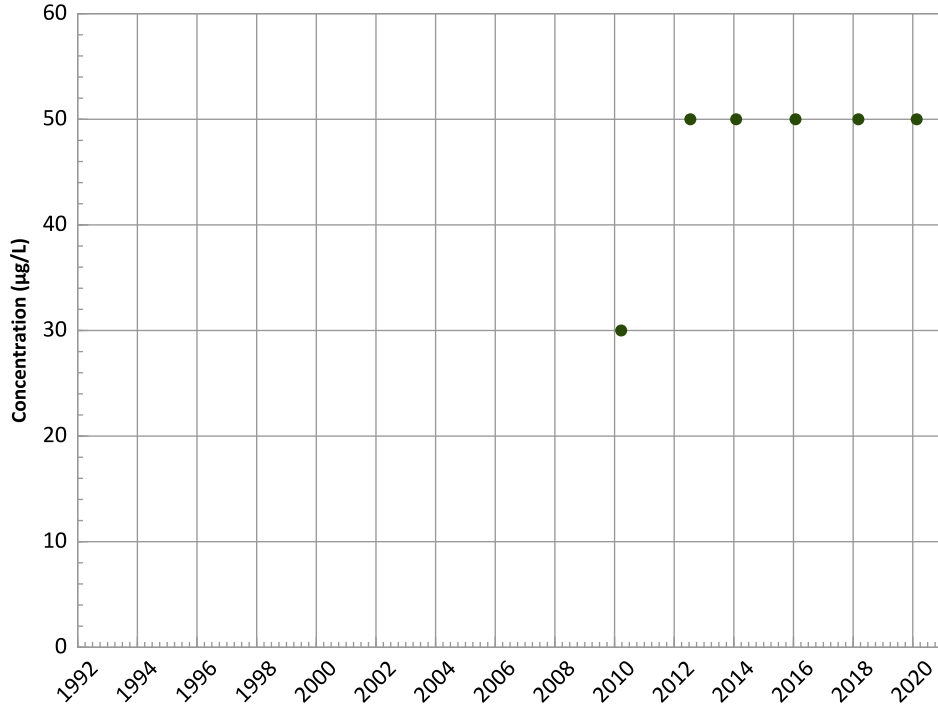
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

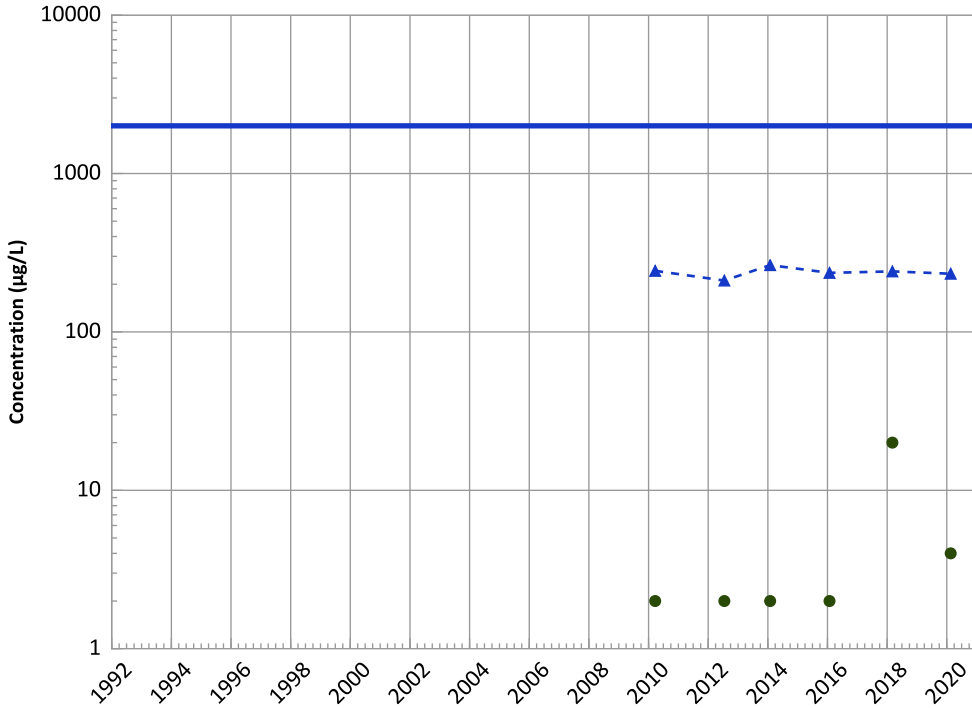
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

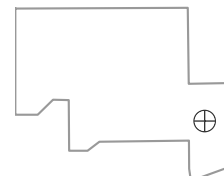
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

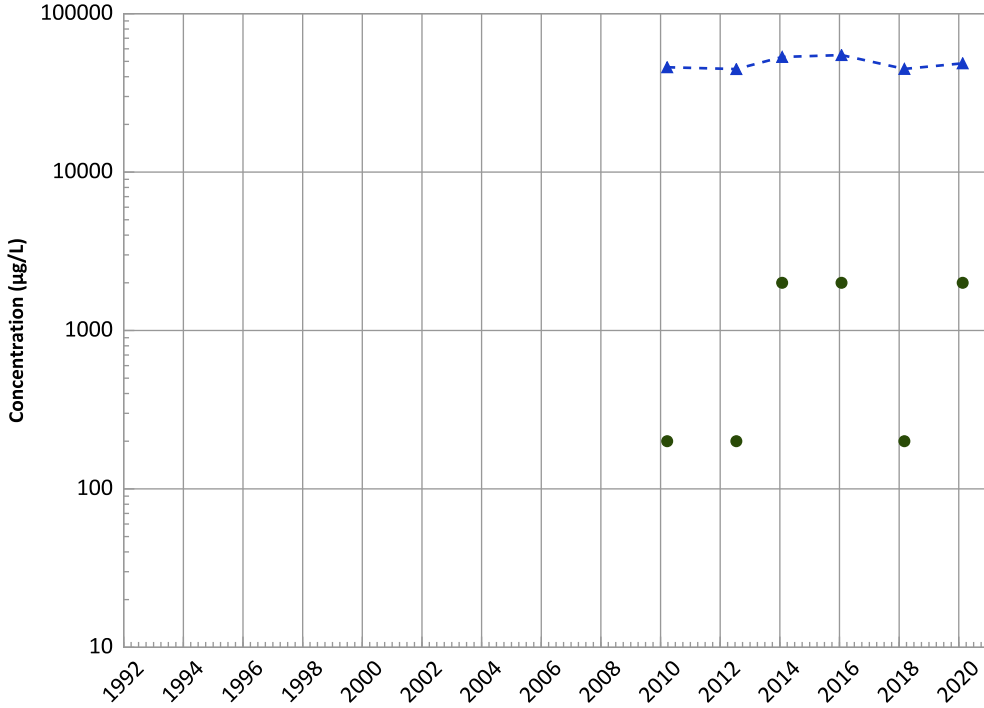
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

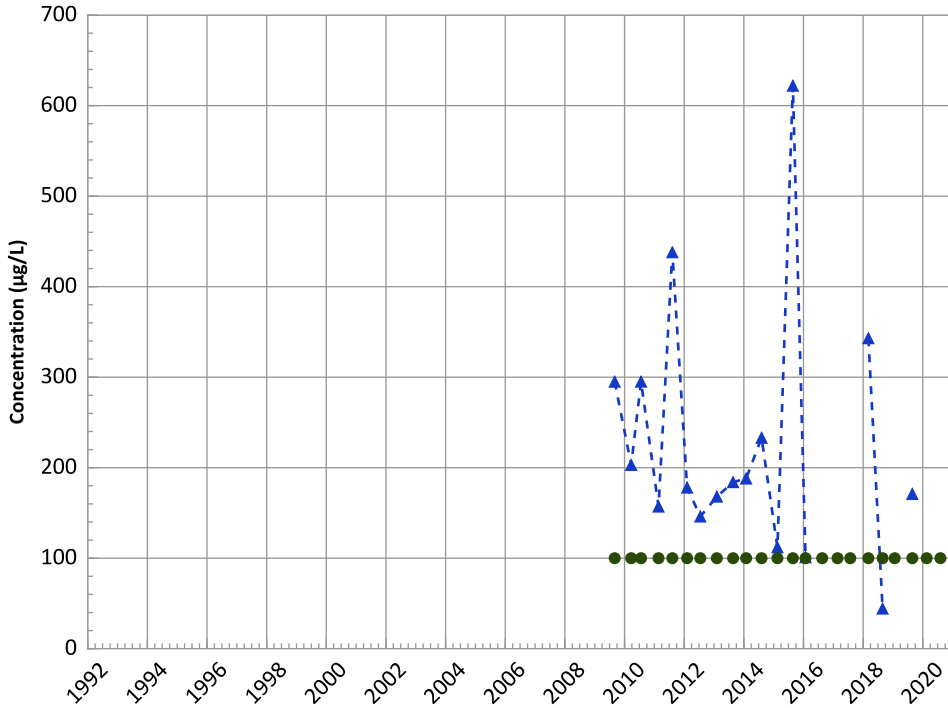
2018 - 2020 Data:

Stable

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

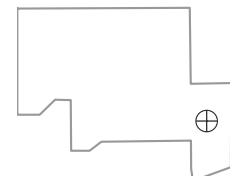
2018 - 2020 Data:

No Trend

All Data:

Stable

Well Location

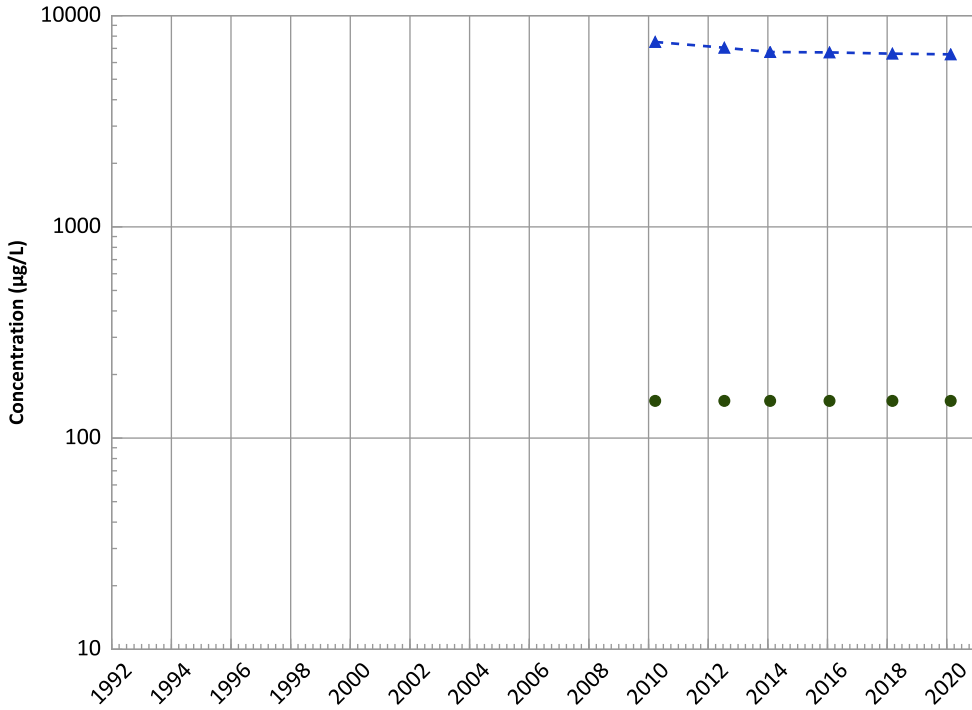


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

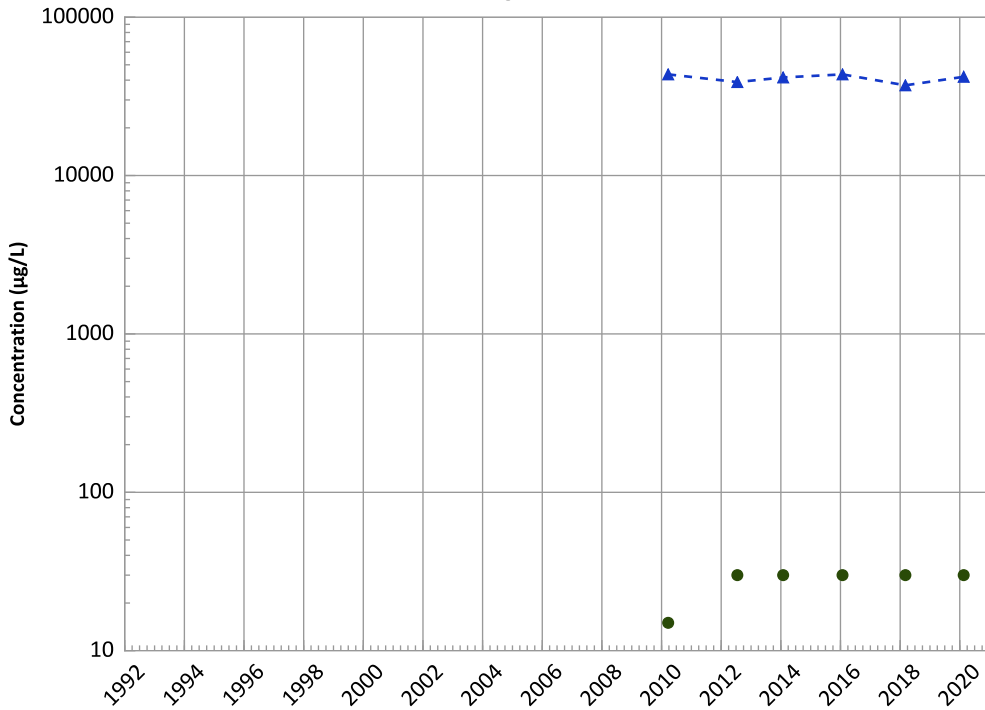
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

All Data:

Stable

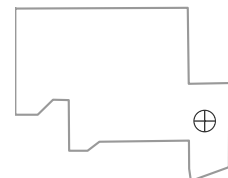
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 09/02/2009 to 08/04/2020

Analysis Date: 06/03/2021

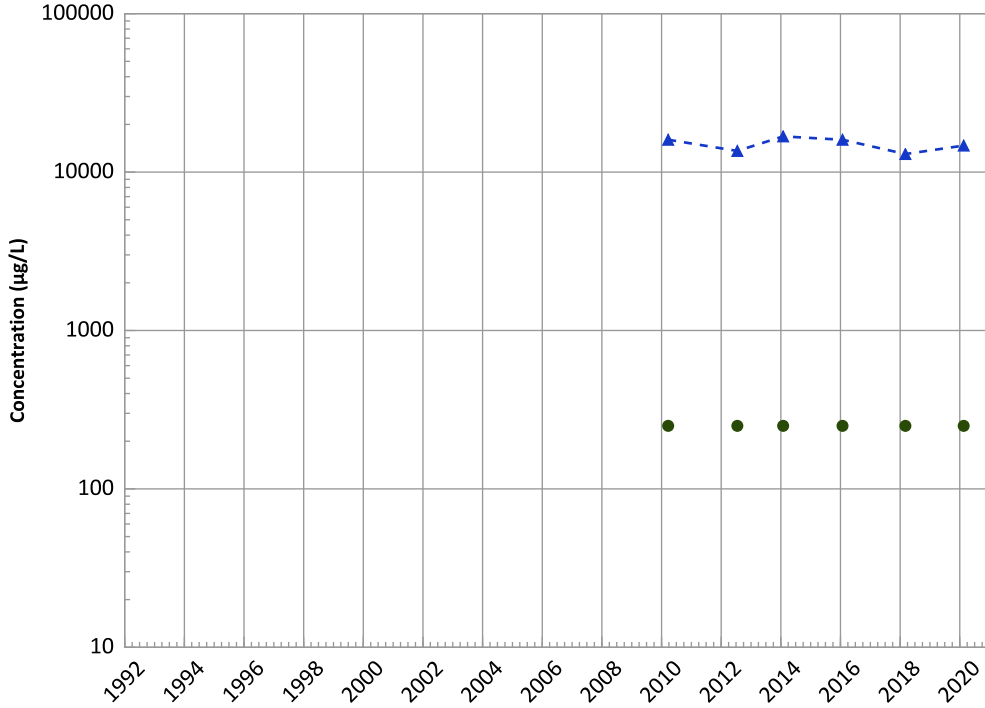
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

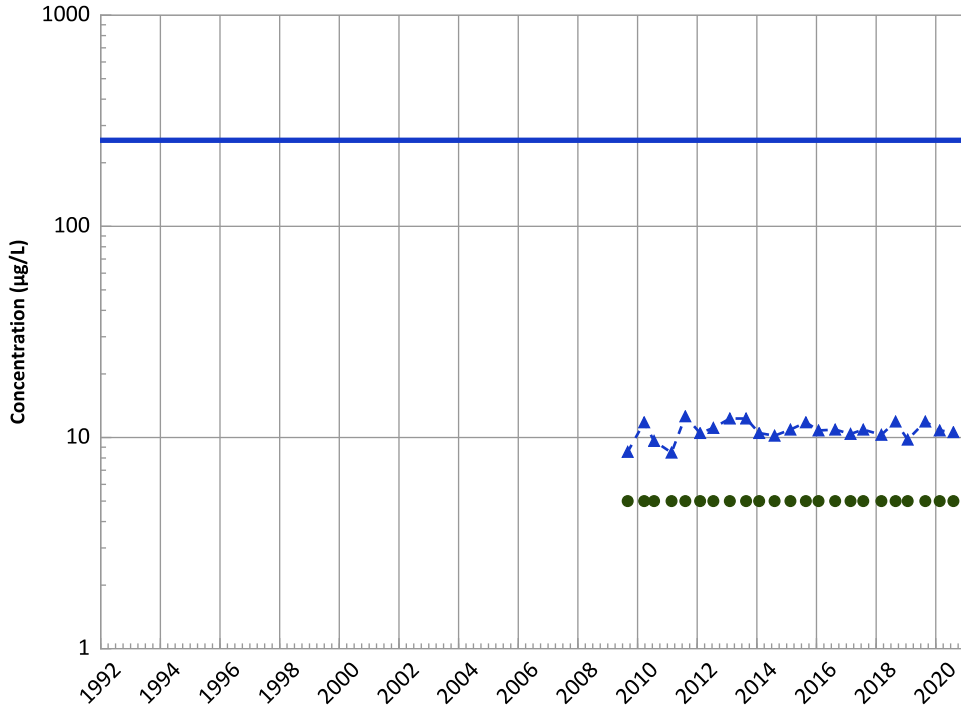
2018 - 2020 Data:

Stable

All Data:

Stable

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

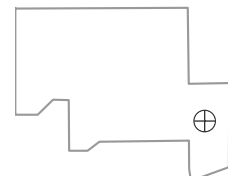
All Data:

No Trend

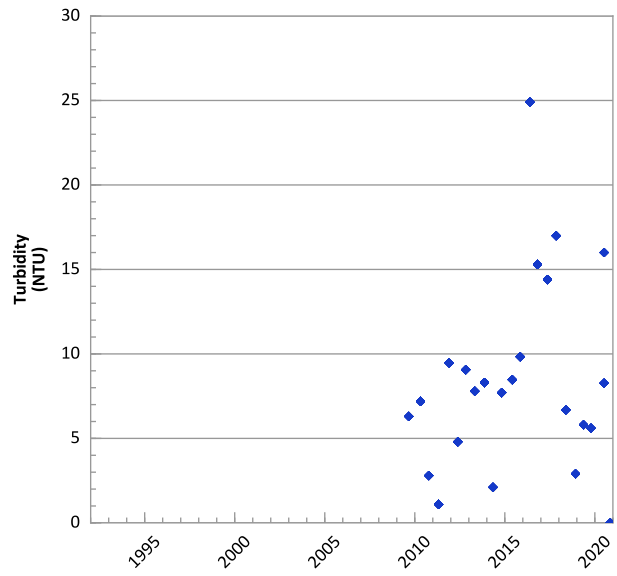
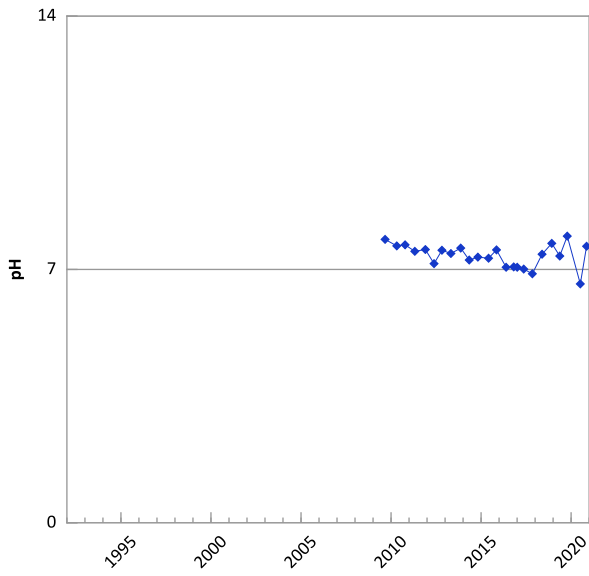
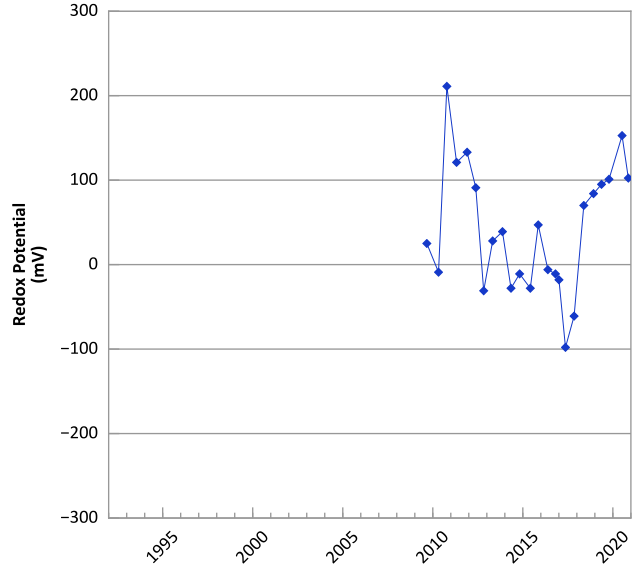
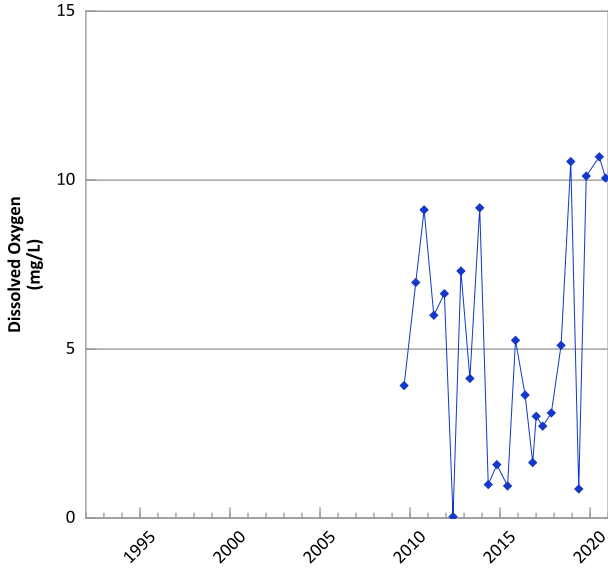
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

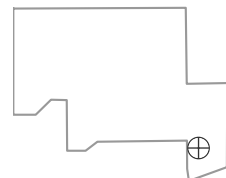


**PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



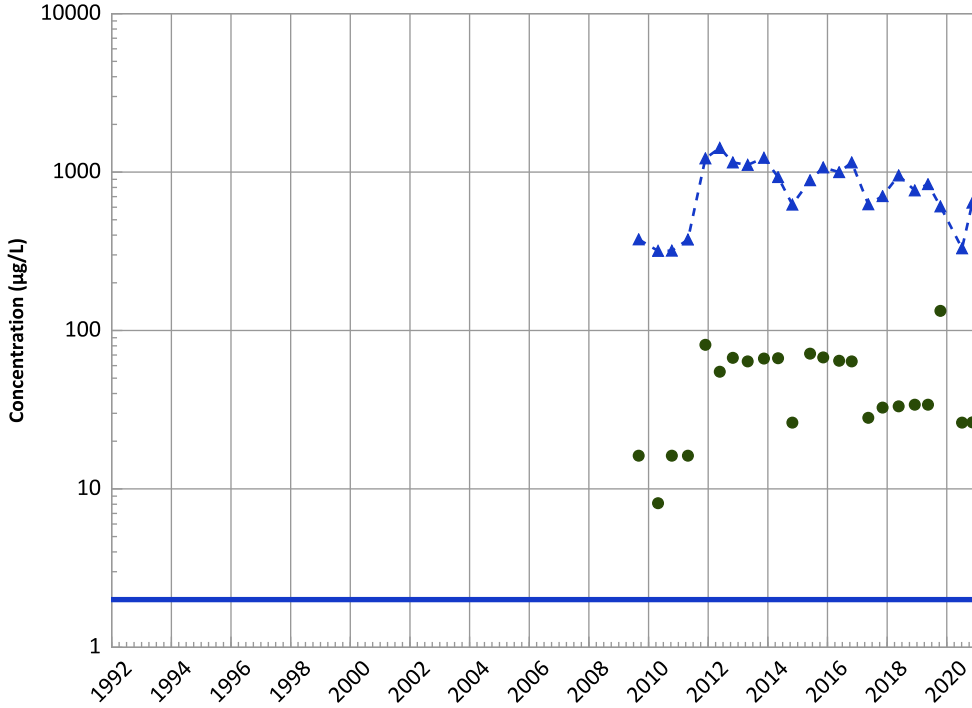
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/02/2009 to 11/10/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

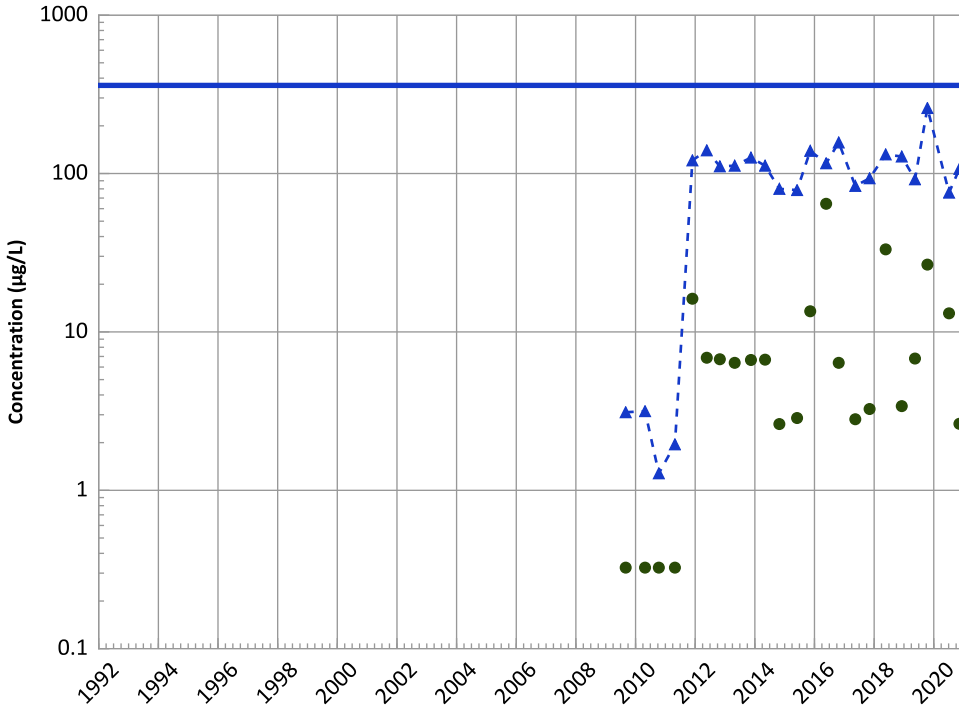
2018 - 2020 Data:

Stable

All Data:

No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Probably Increasing

MAROS Linear Regression Method

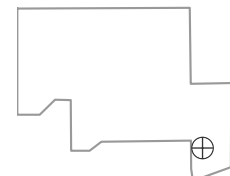
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

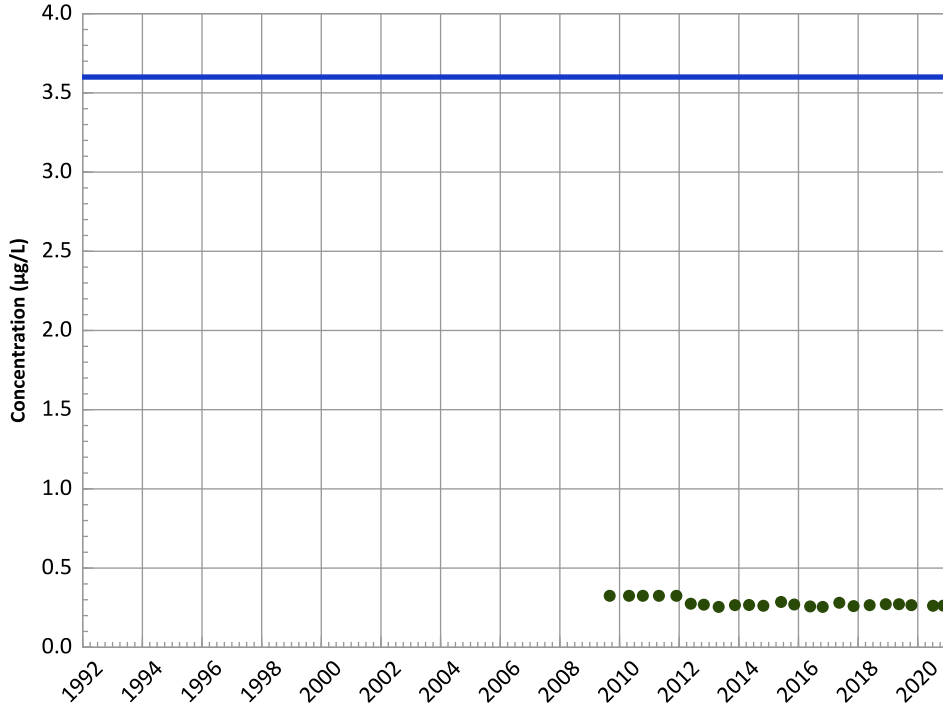


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

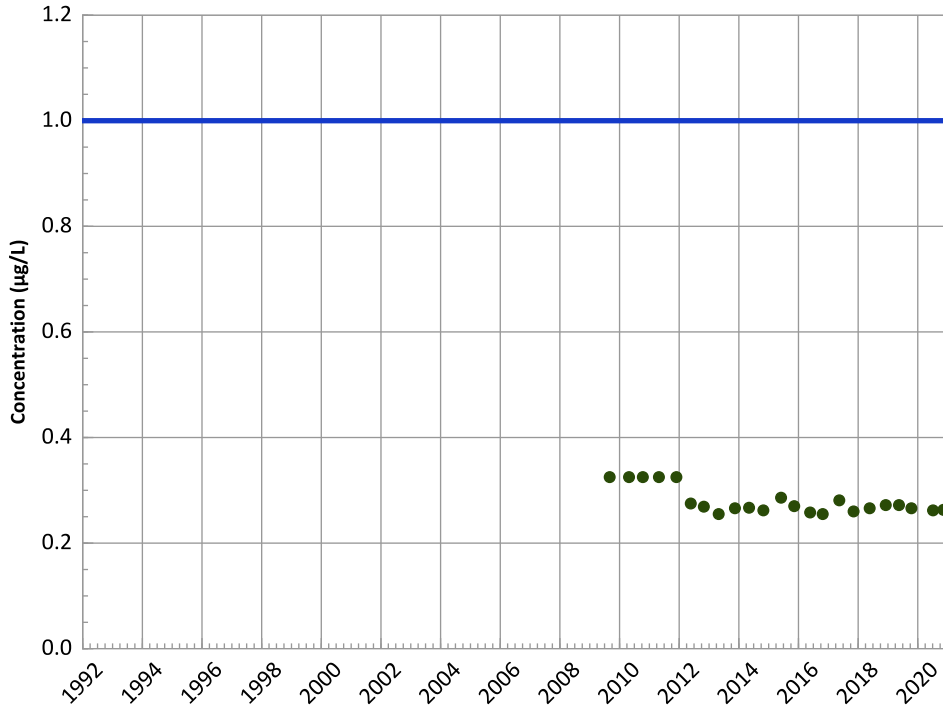
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

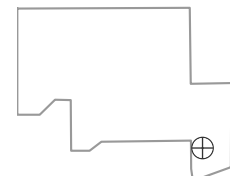
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

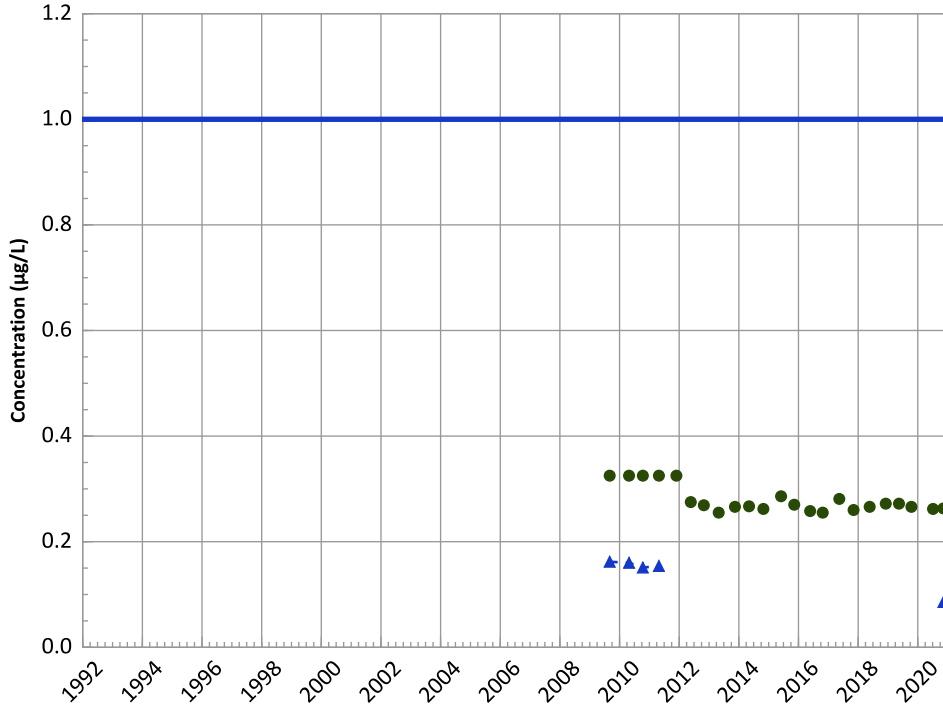


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

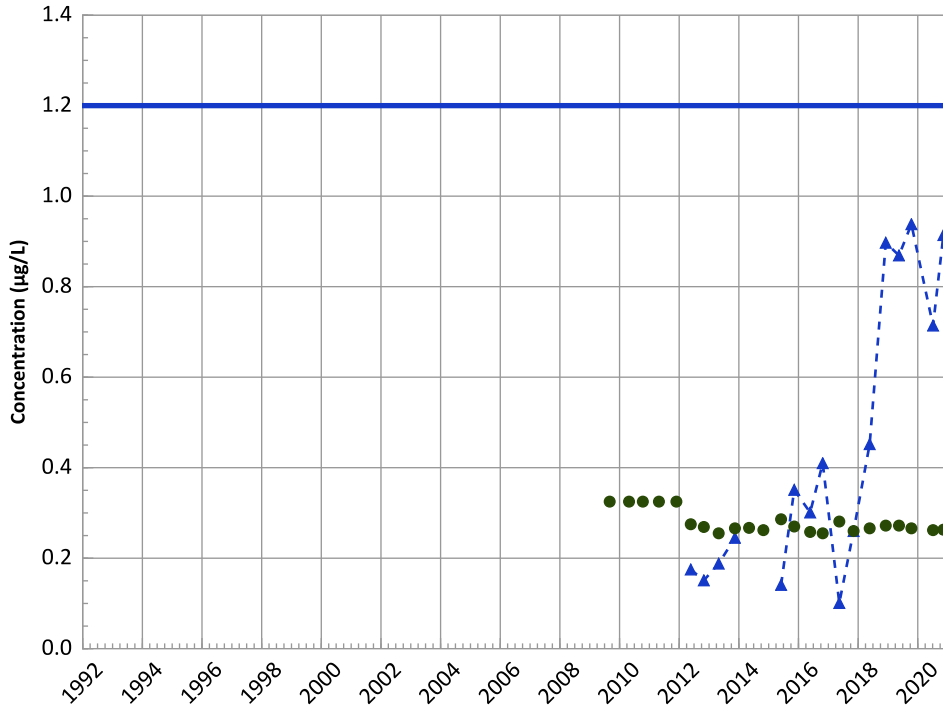


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend

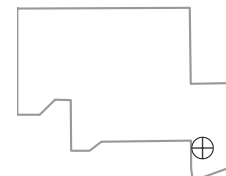


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Well Location

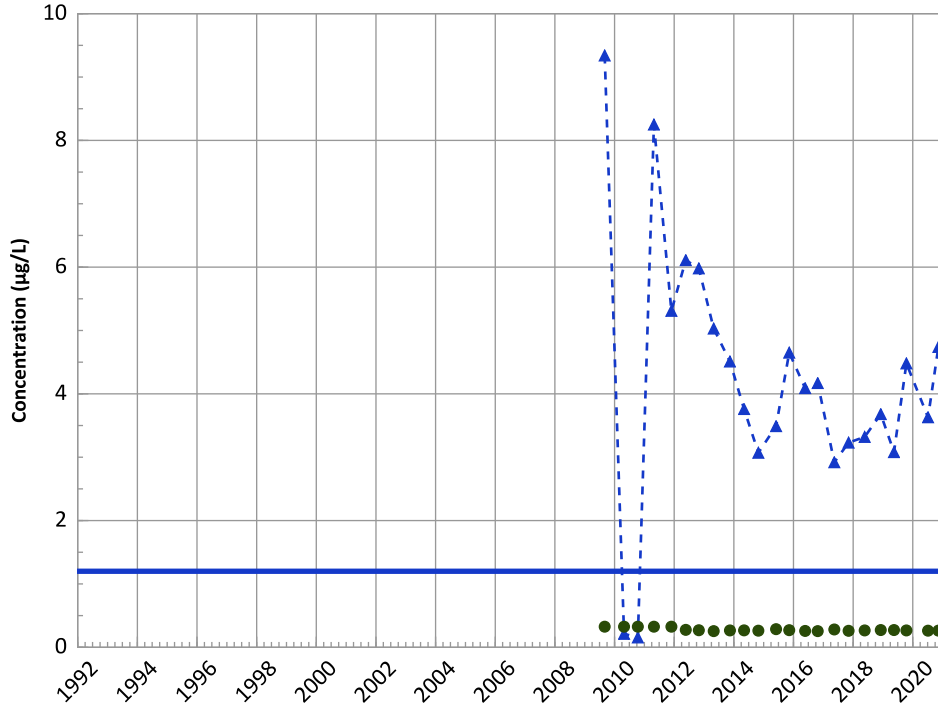


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

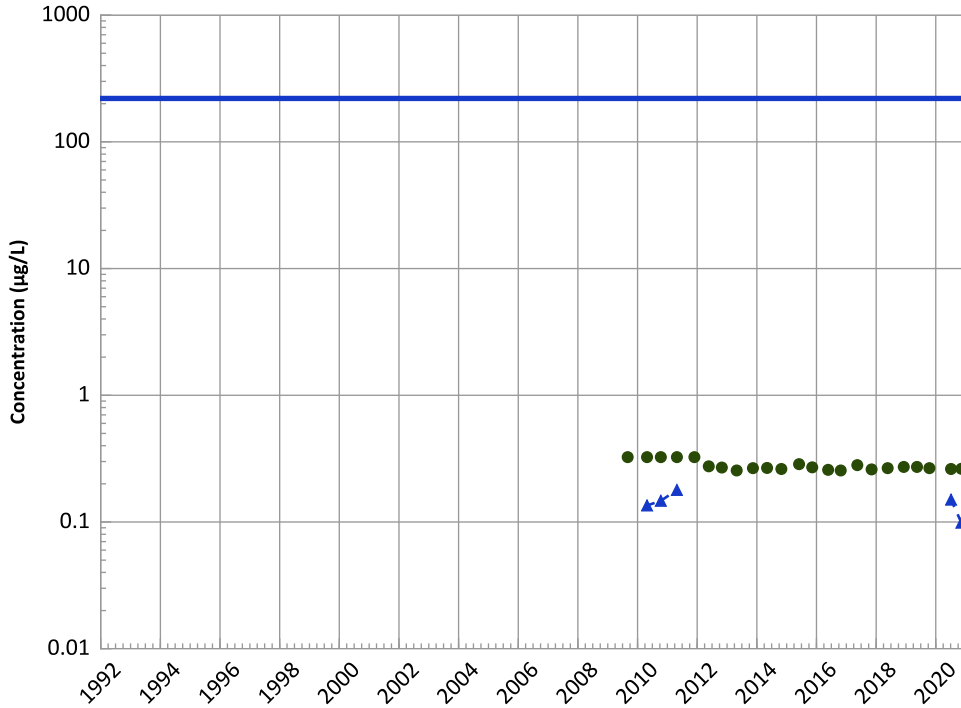
2018 - 2020 Data:

No Trend

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

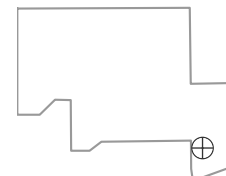
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Well Location

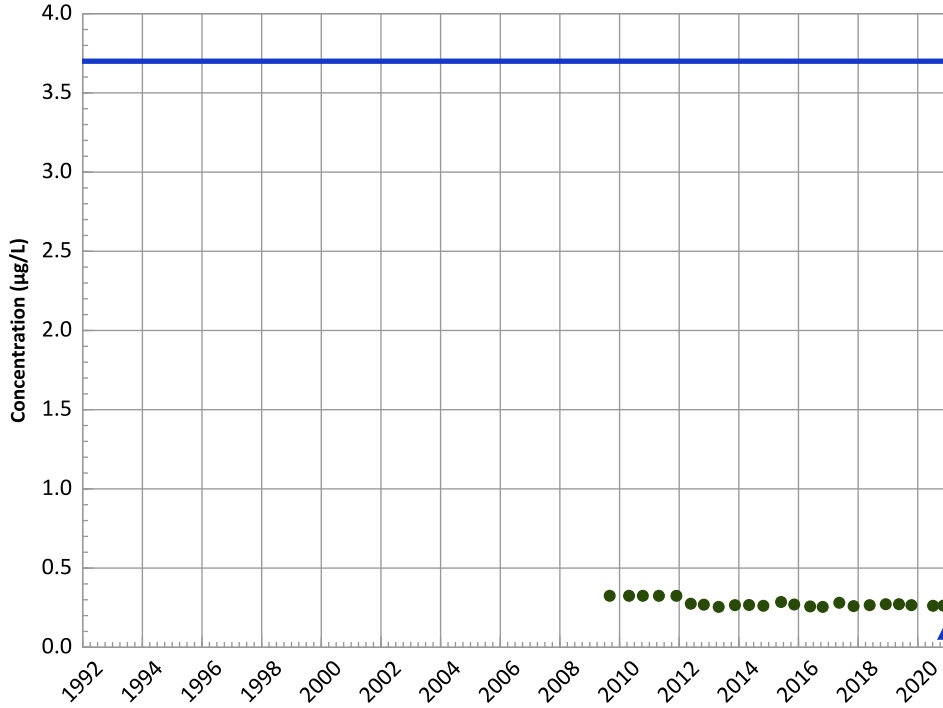


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

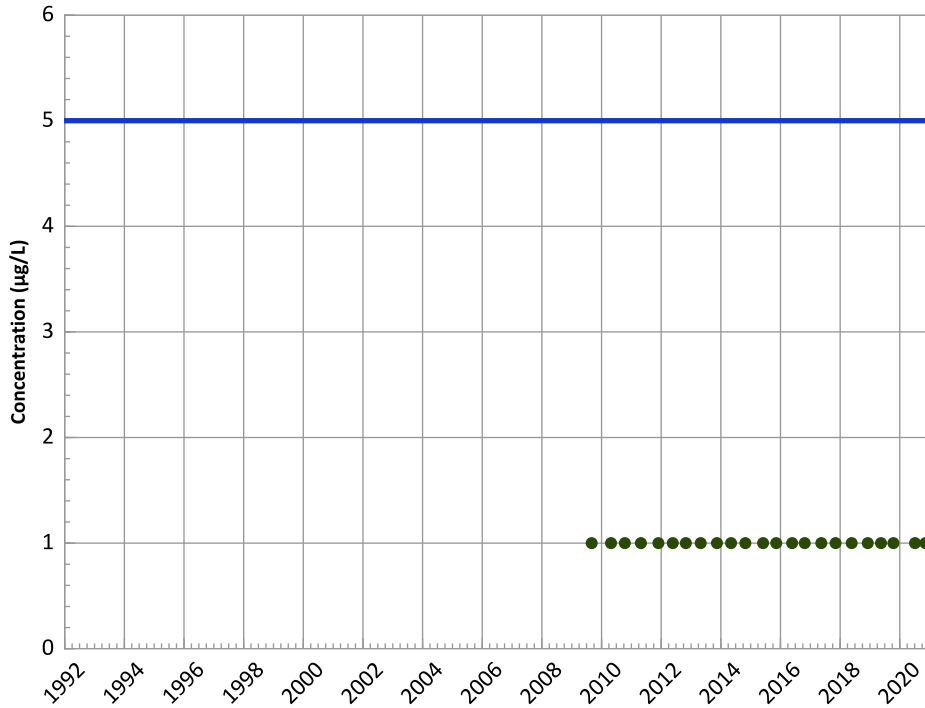


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

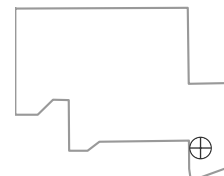
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

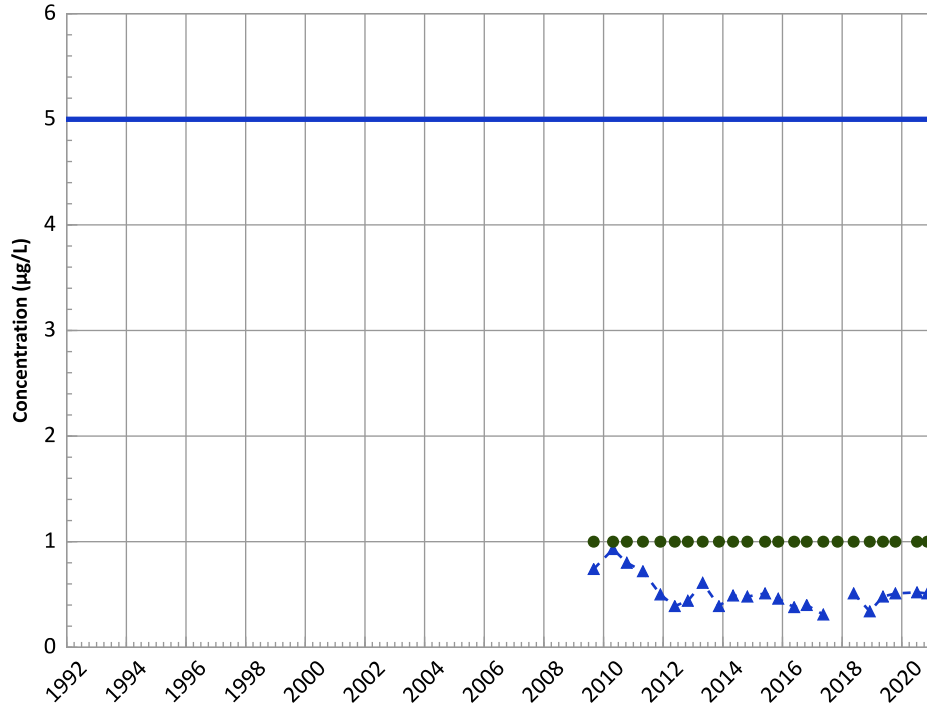
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

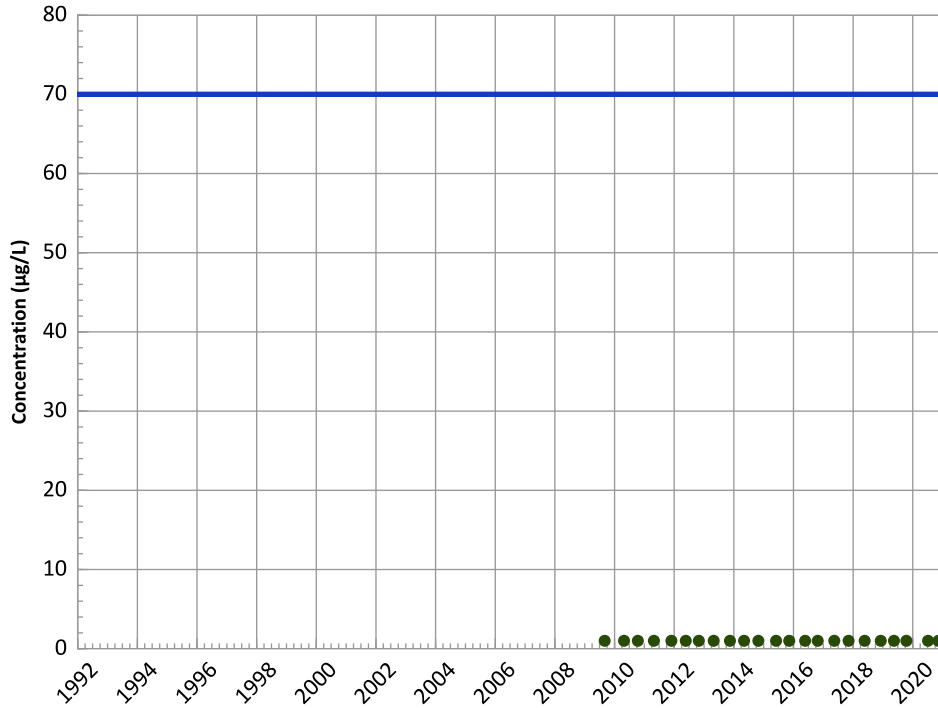
2018 - 2020 Data:

No Trend

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

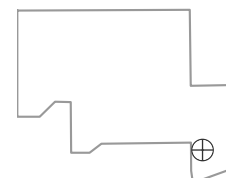
All Data:

All Non-Detect

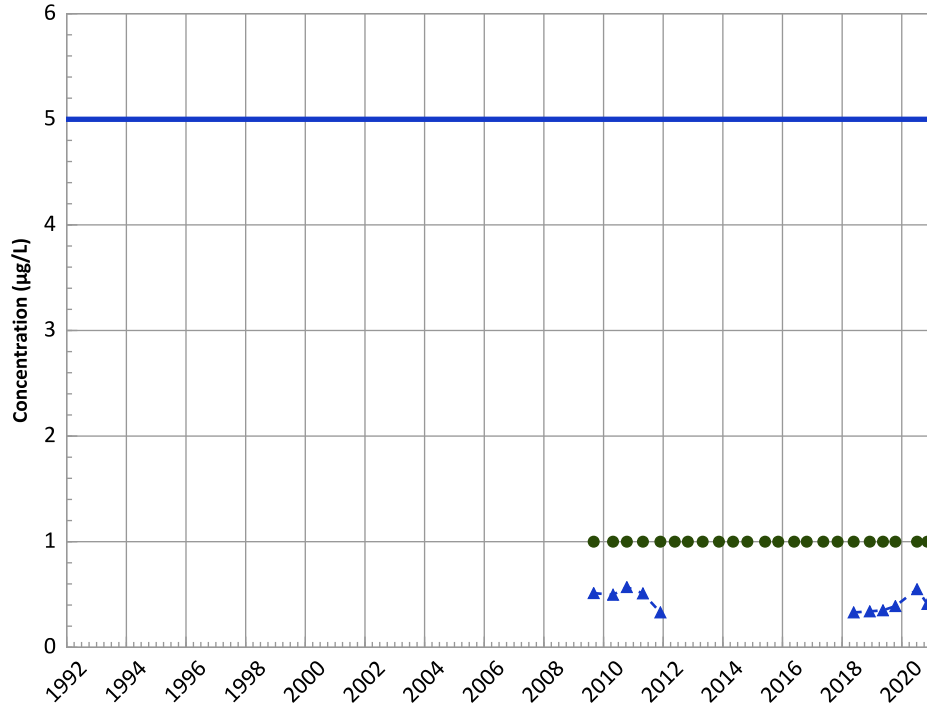
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

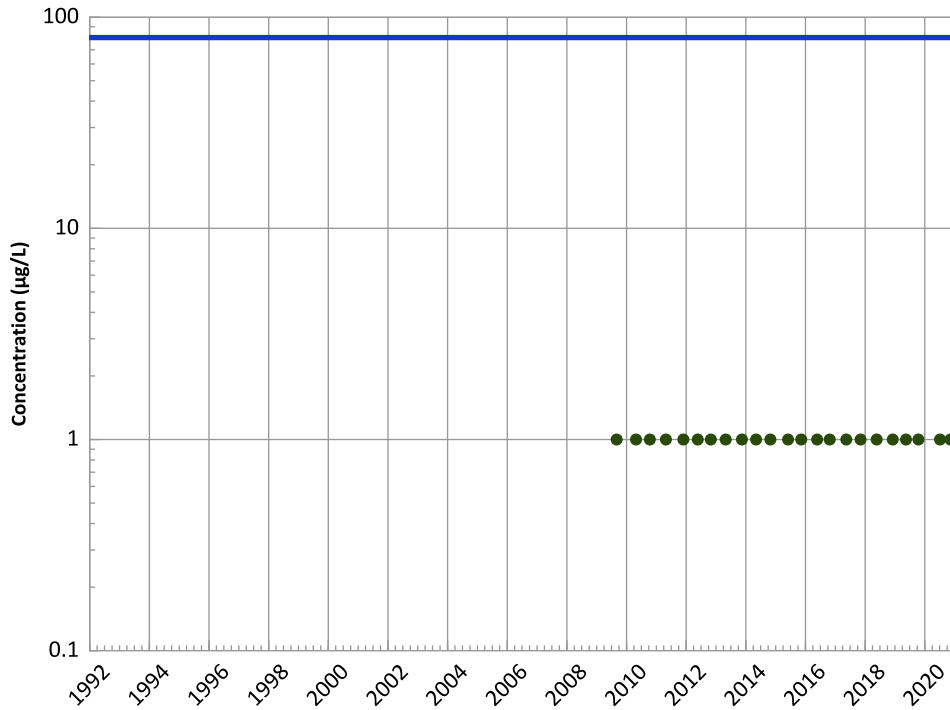
2018 - 2020 Data:

No Trend

All Data:

Stable

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

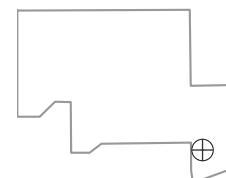
All Data:

All Non-Detect

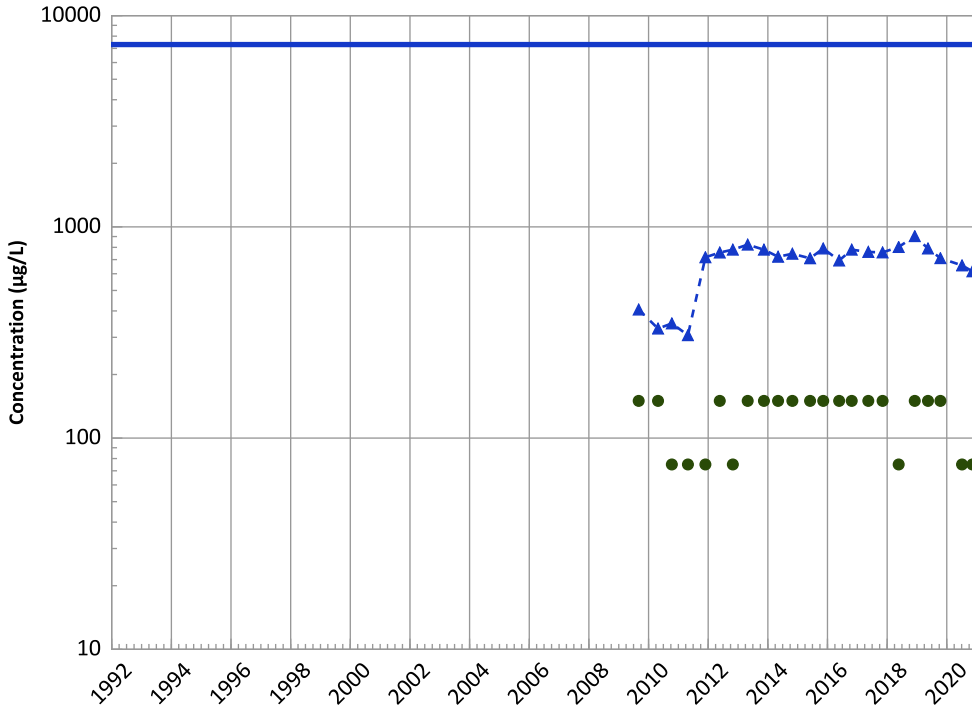
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

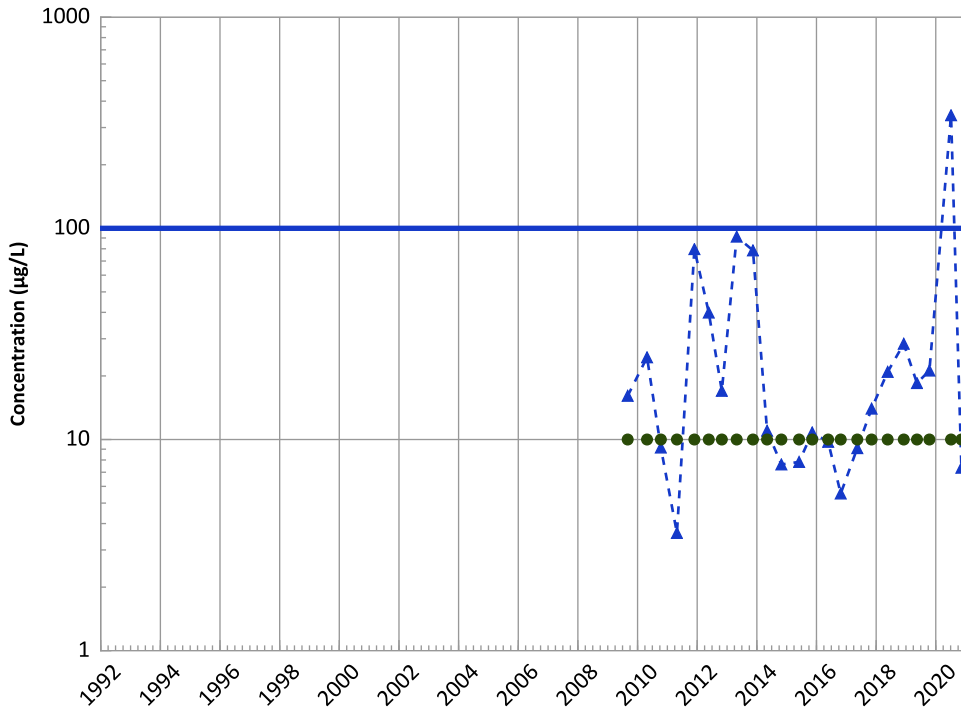
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

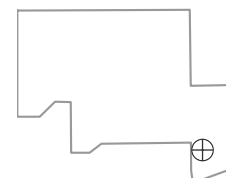
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
No Trend

Well Location

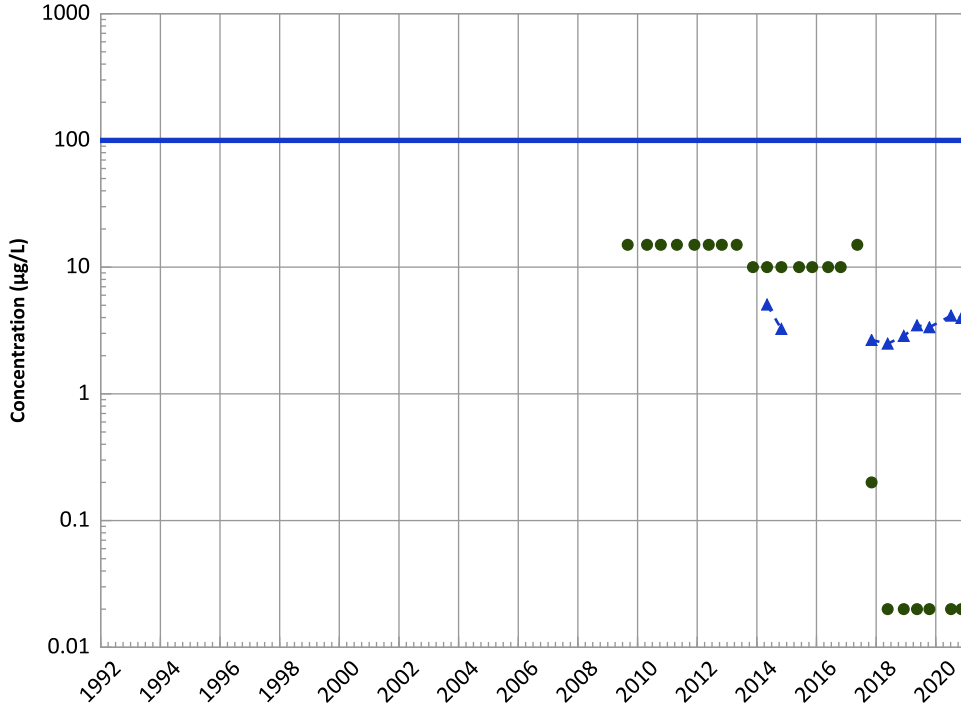


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

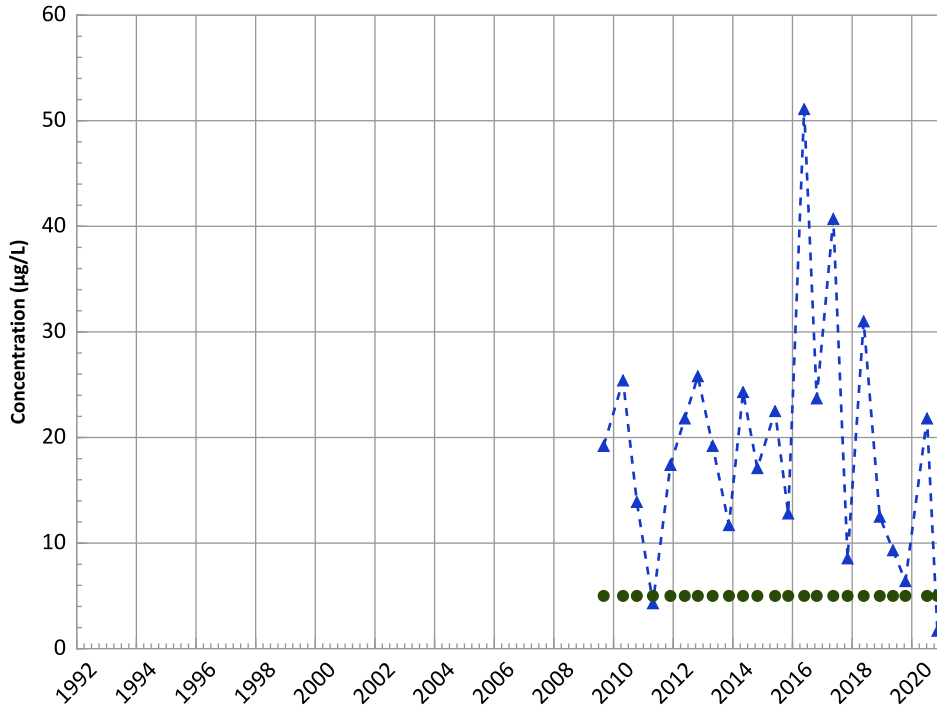
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

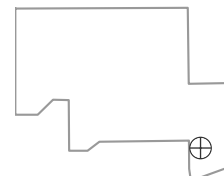
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

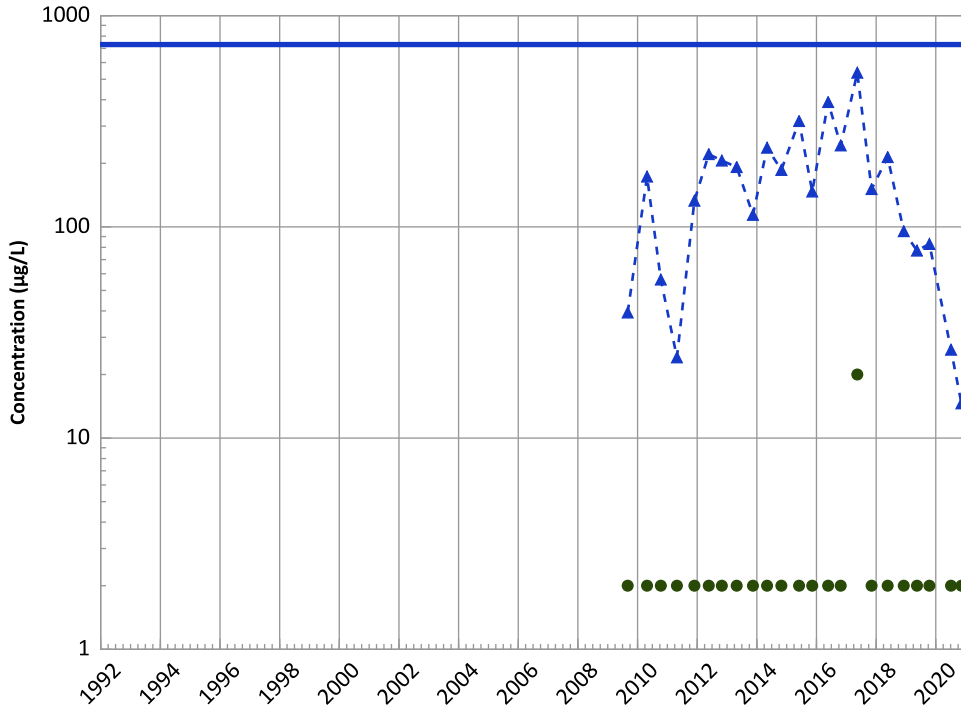
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

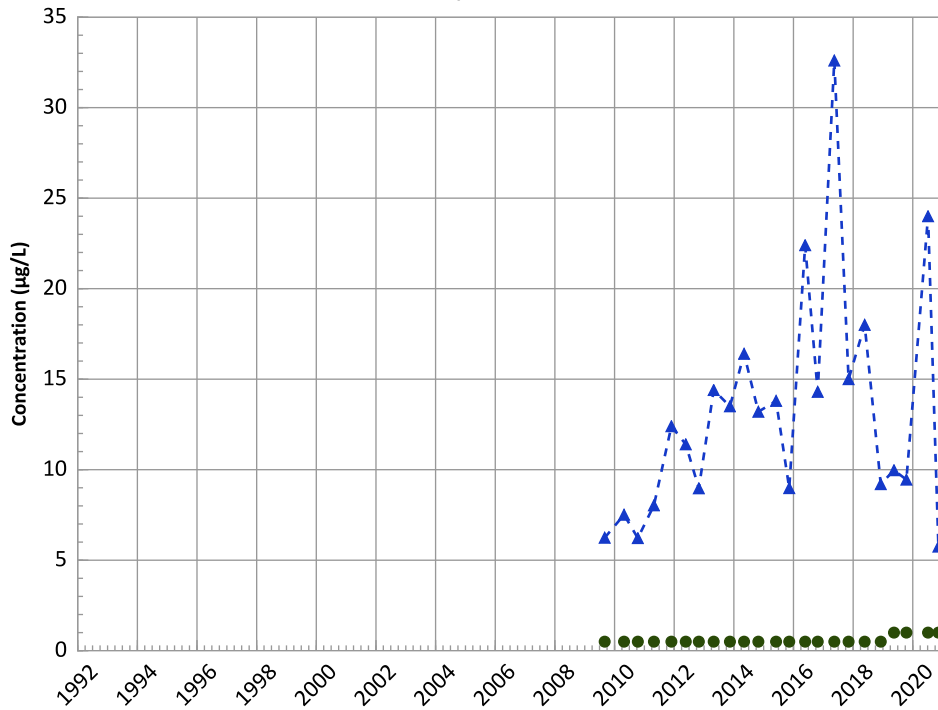
2018 - 2020 Data:

Decreasing

All Data:

Stable

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

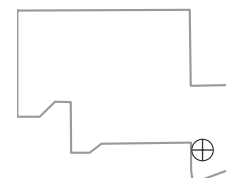
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

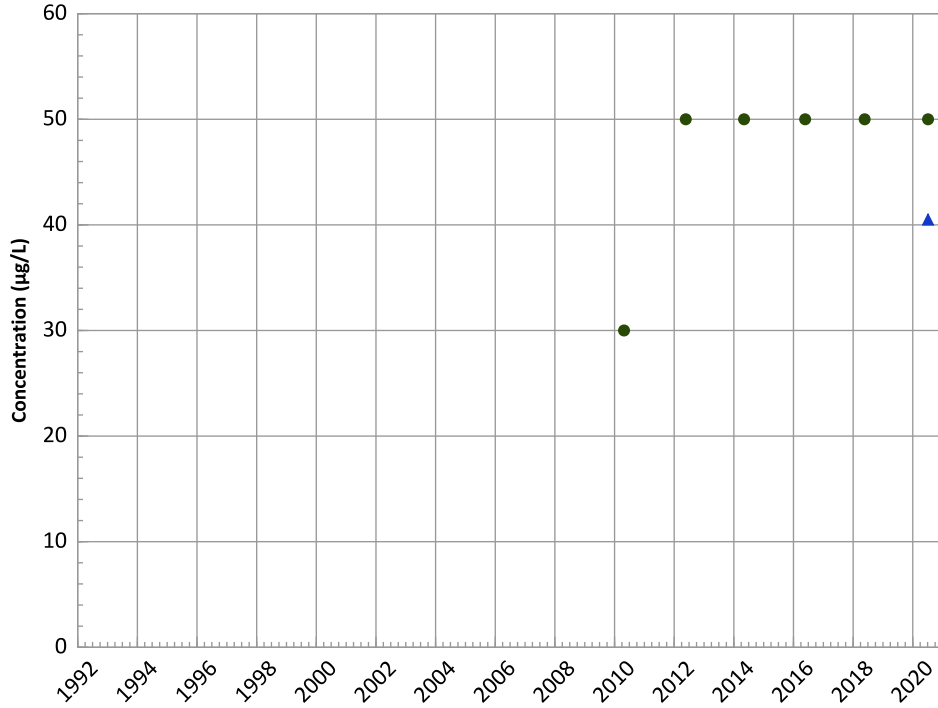


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

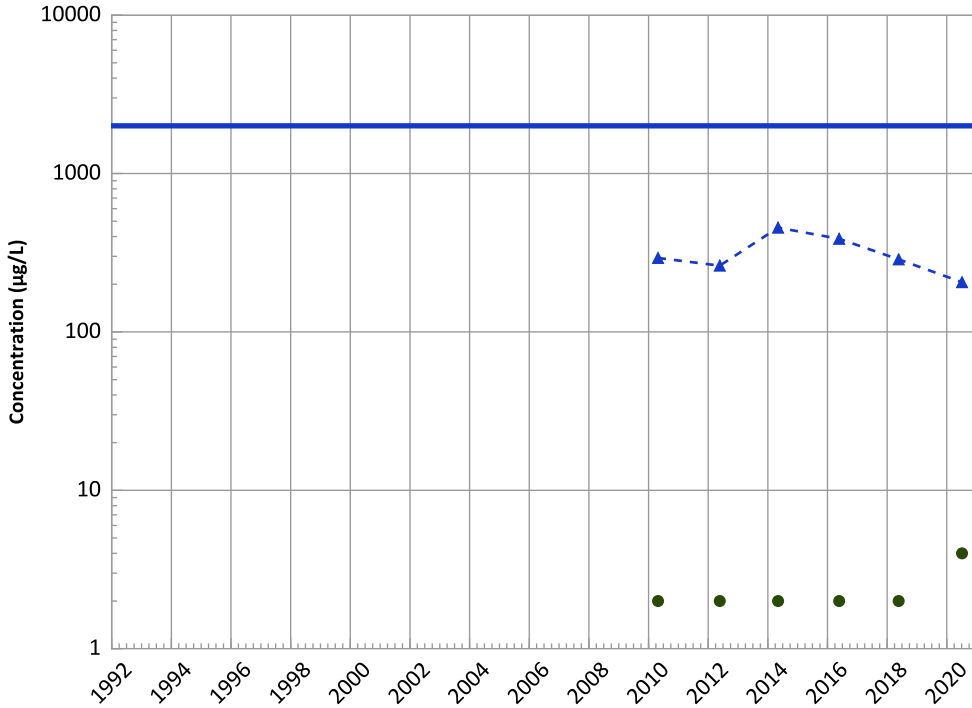
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

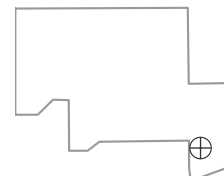
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

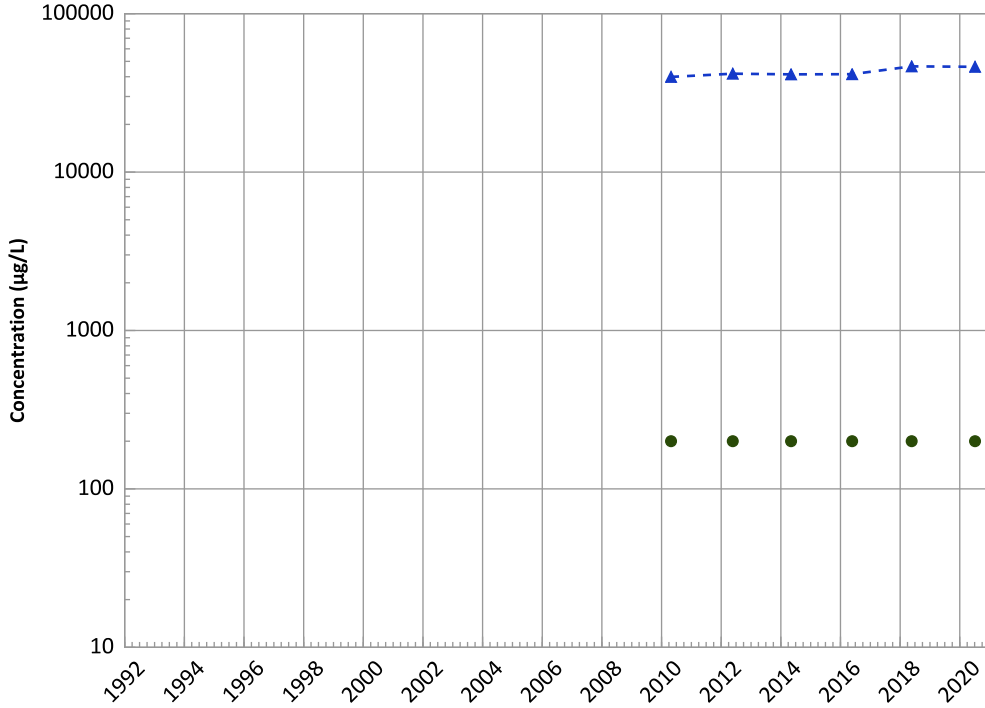
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

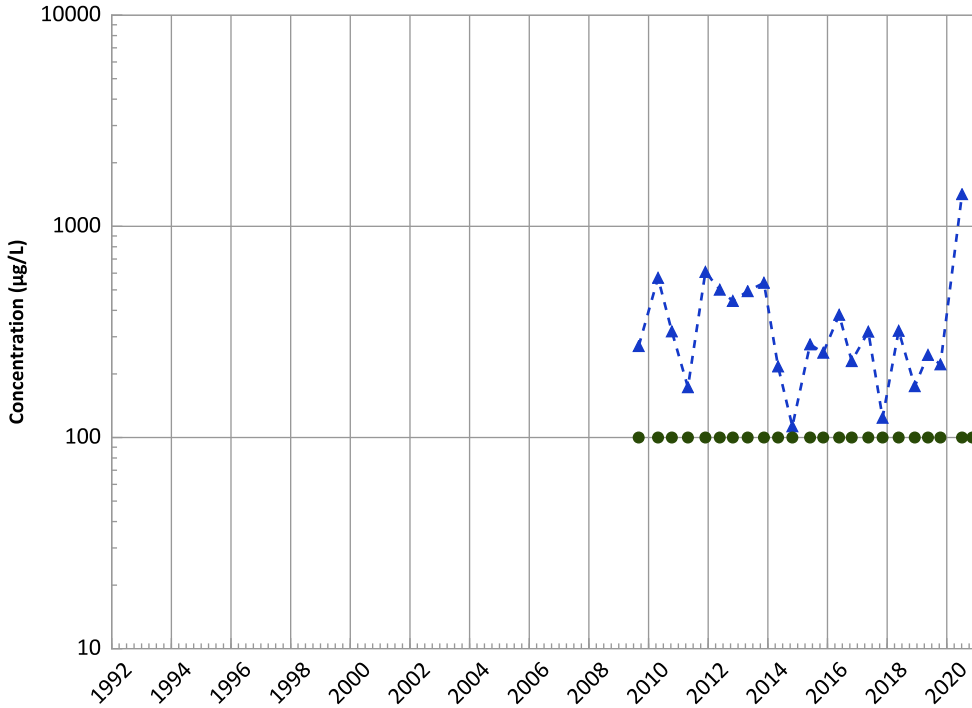
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

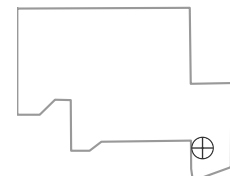
2018 - 2020 Data:

Probably Increasing

All Data:

Stable

Well Location

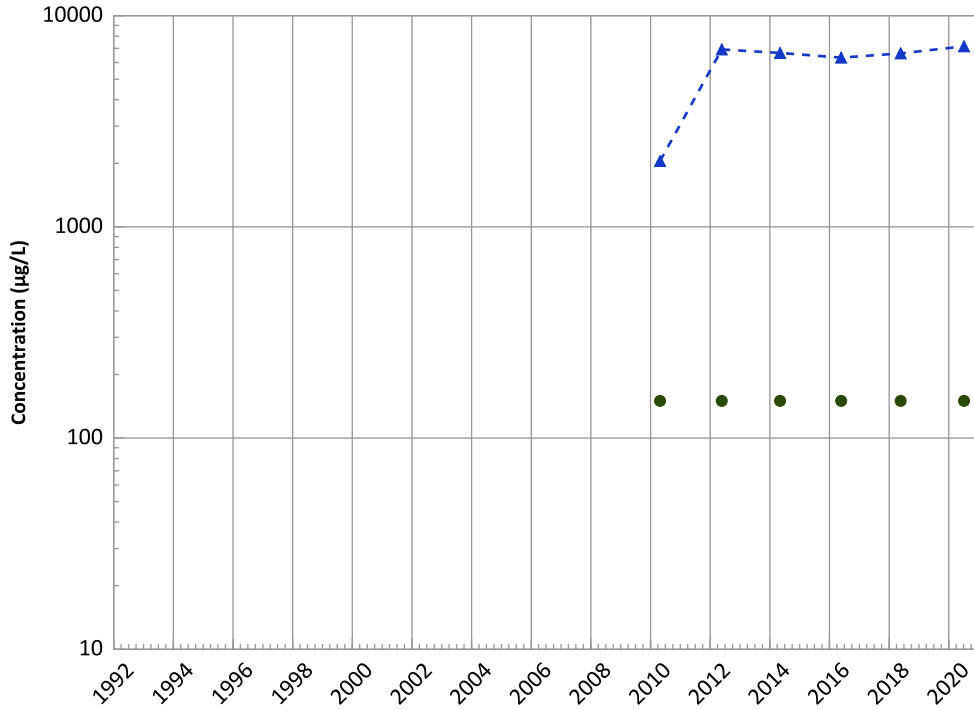


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

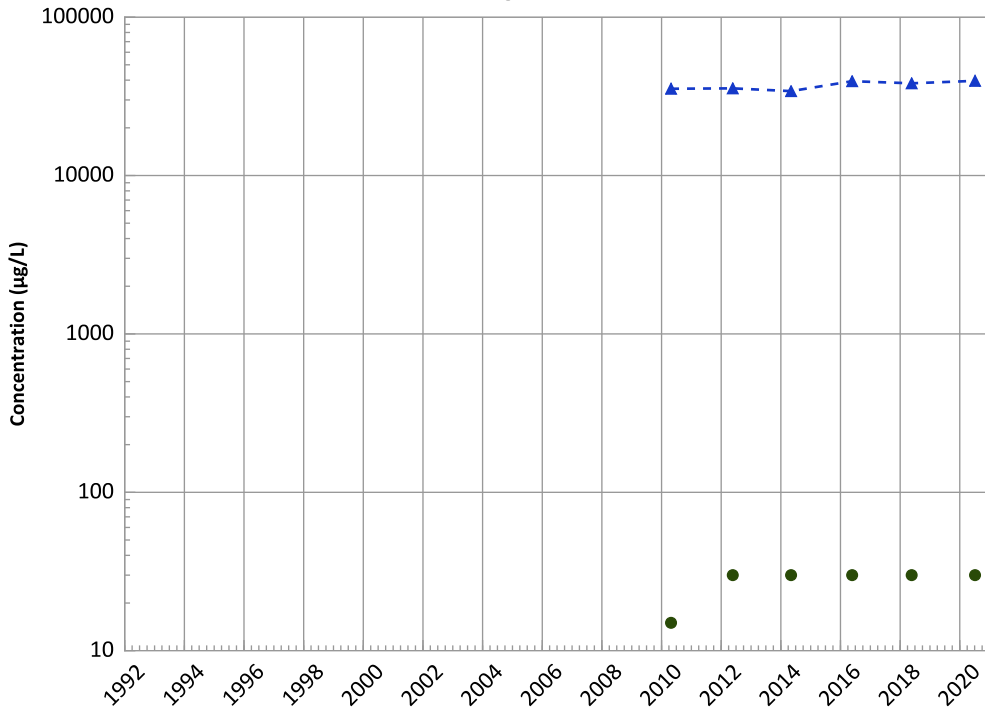
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

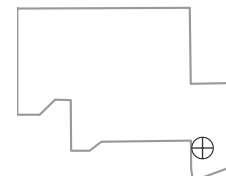
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

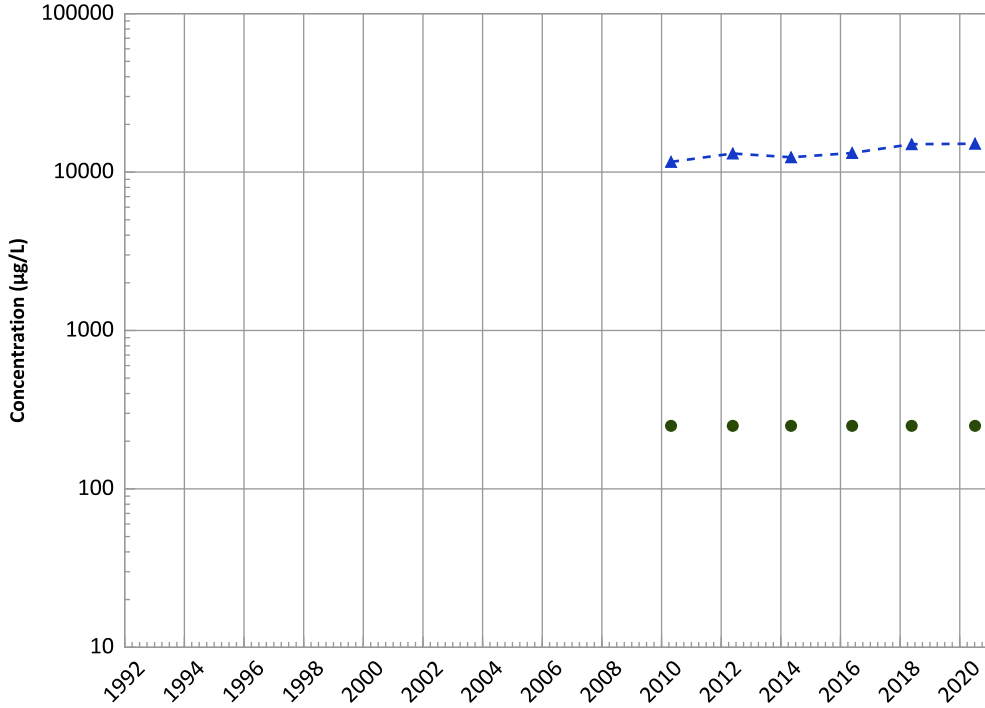
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

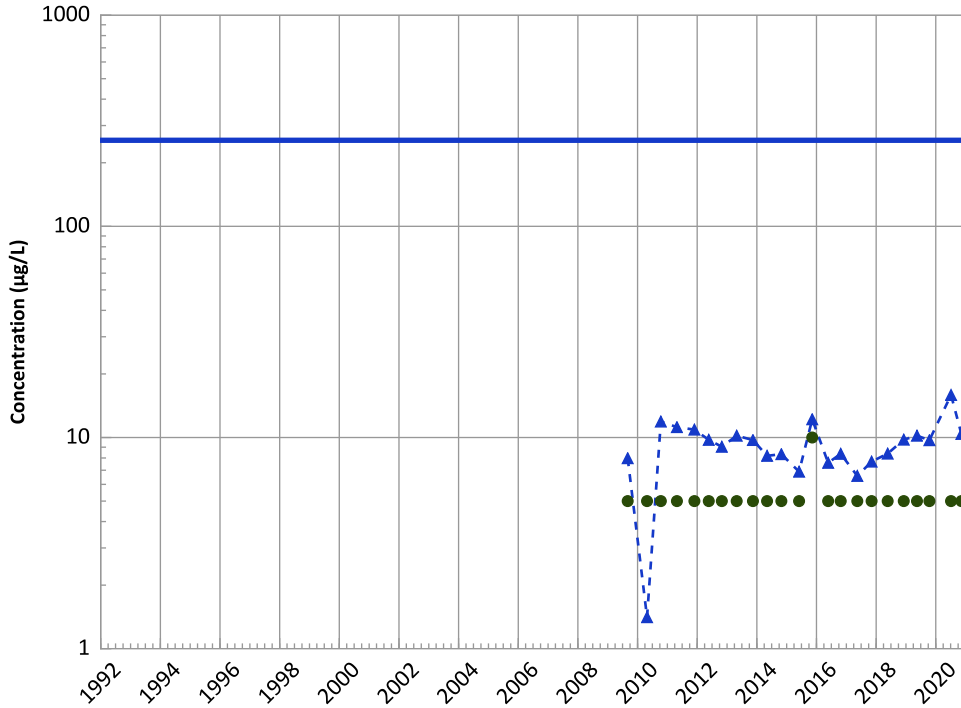
2018 - 2020 Data:

Increasing

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

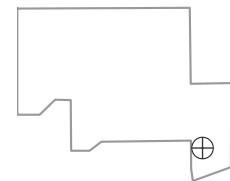
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

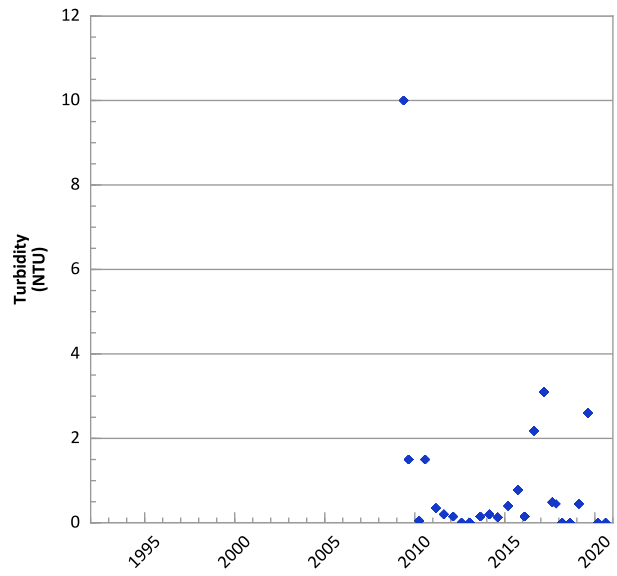
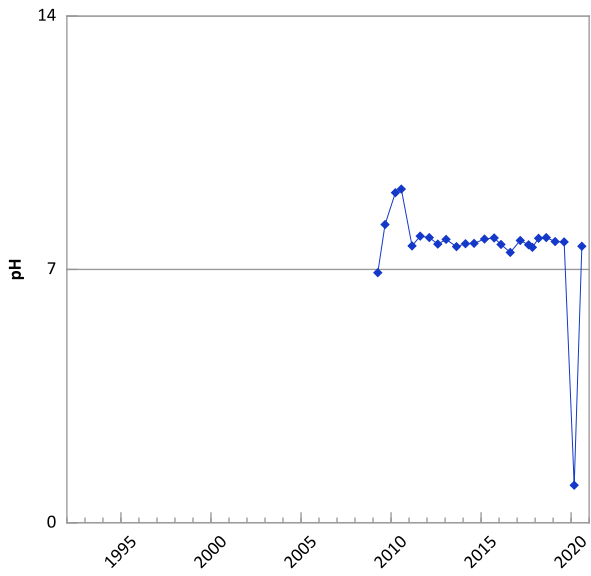
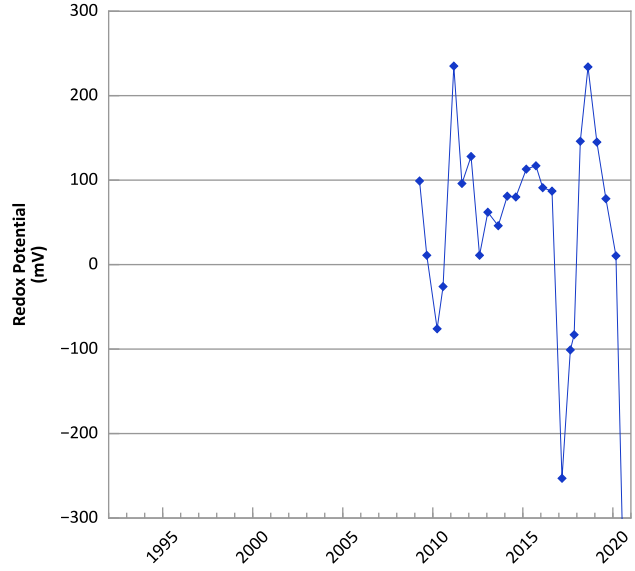
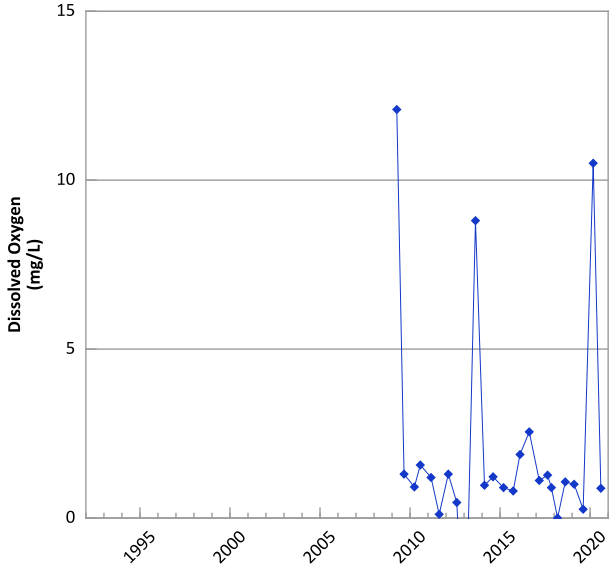
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/02/2009 to 11/10/2020
Analysis Date: 06/03/2021

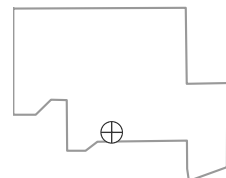
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



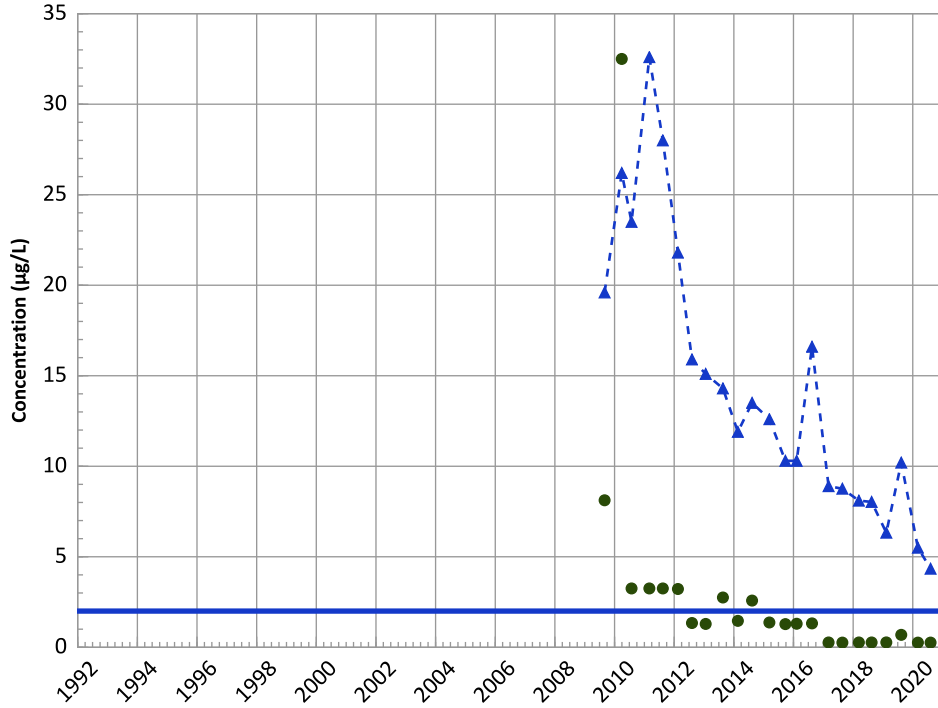
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 05/20/2009 to 08/06/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

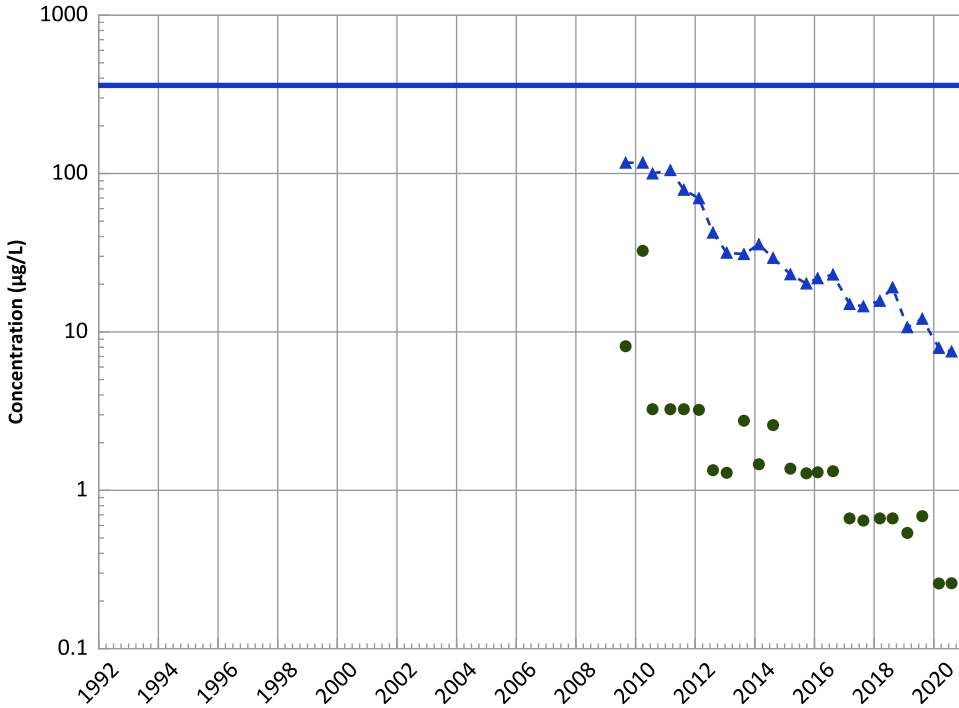
2018 - 2020 Data:

Stable

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

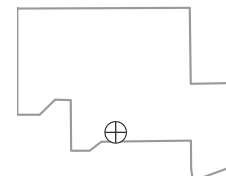
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

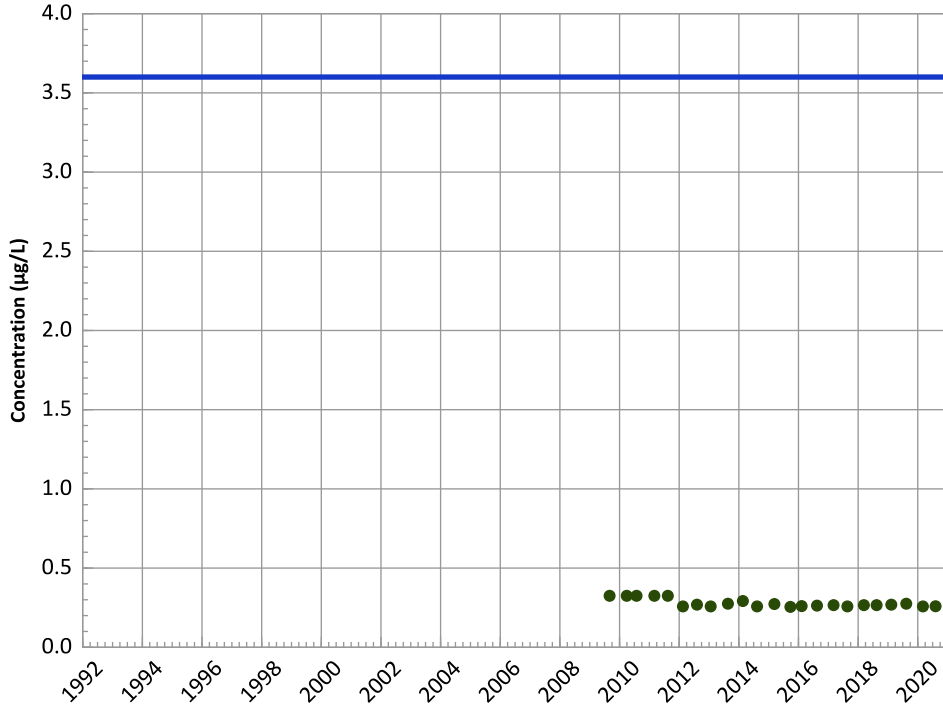
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

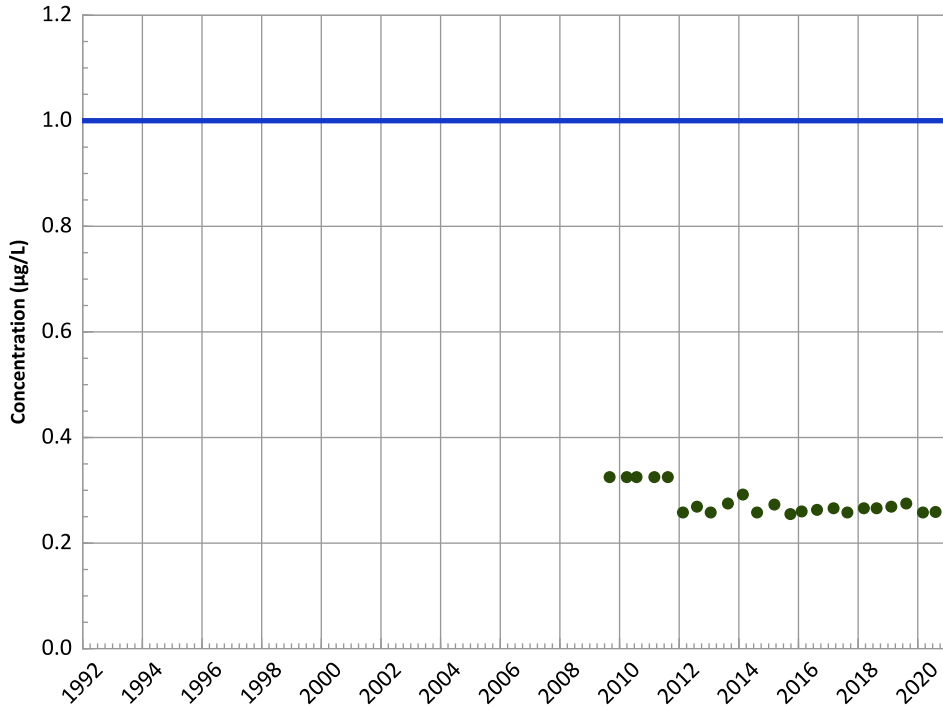
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

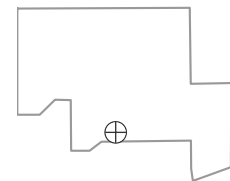
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

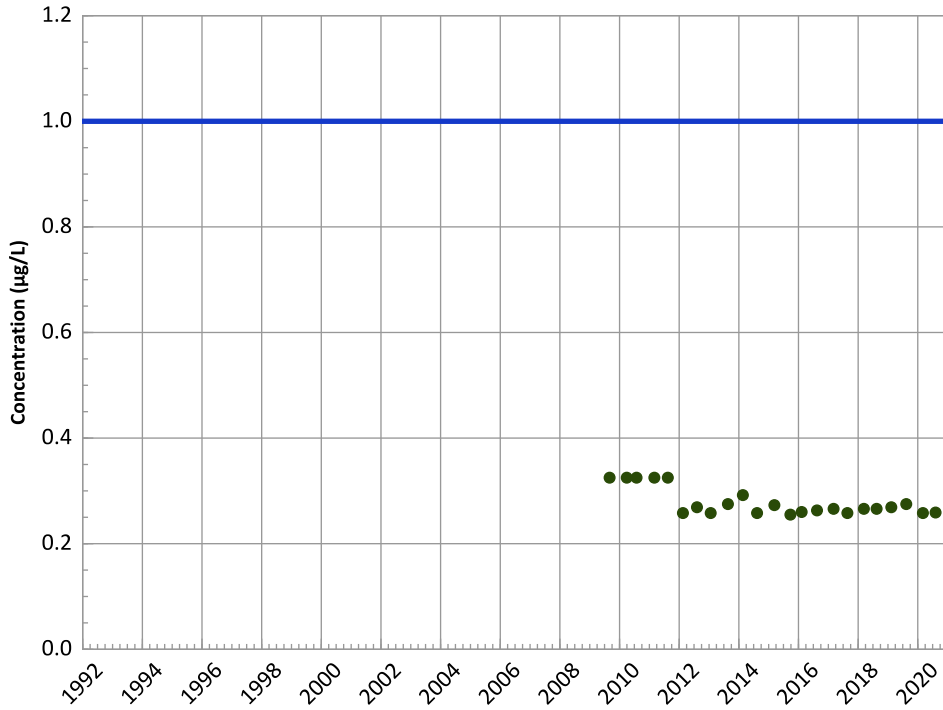


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

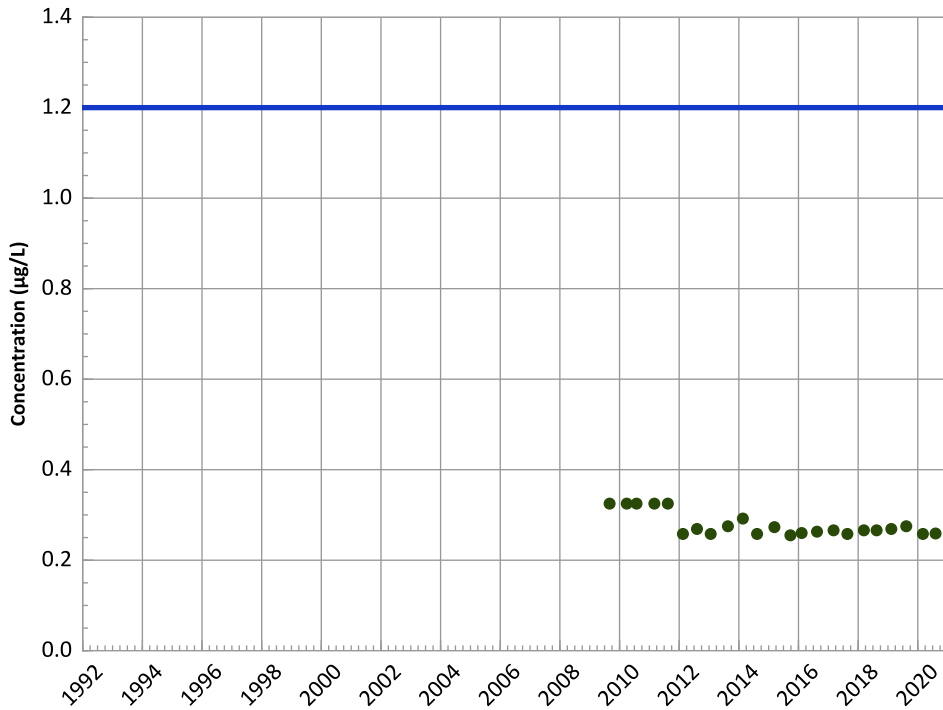
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

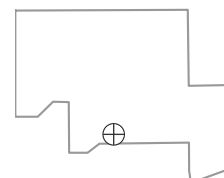
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

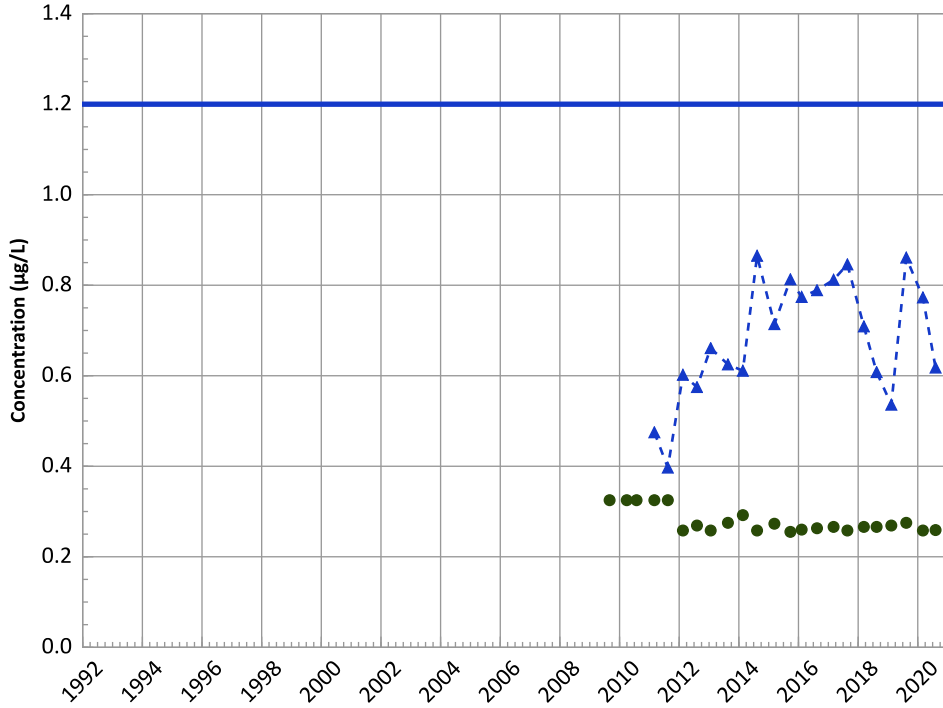
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

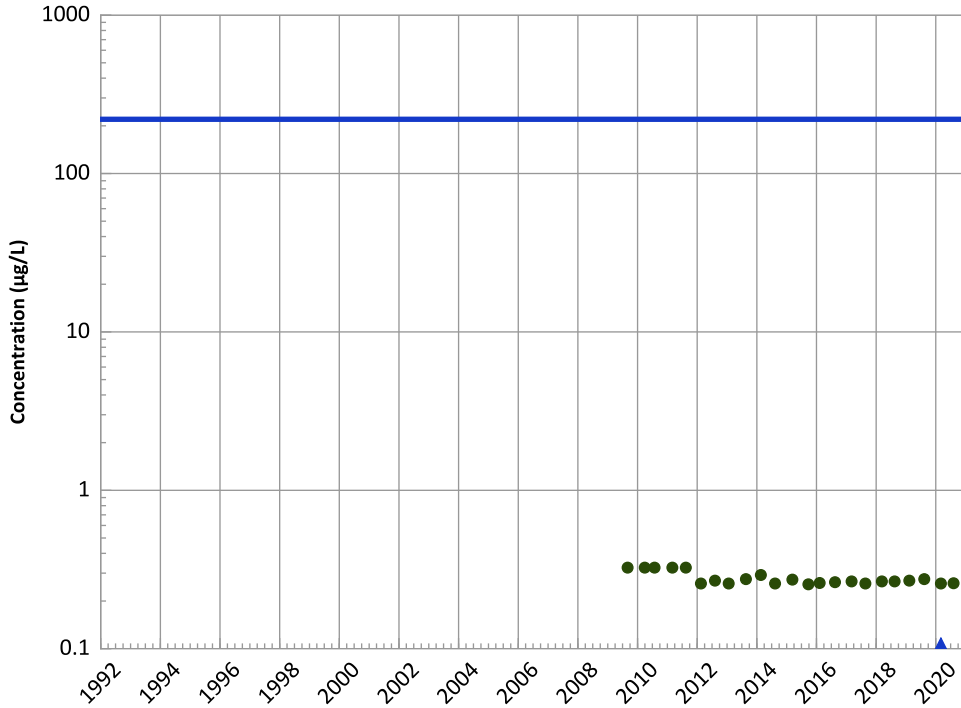
2018 - 2020 Data:

No Trend

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

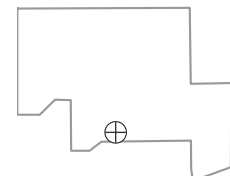
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

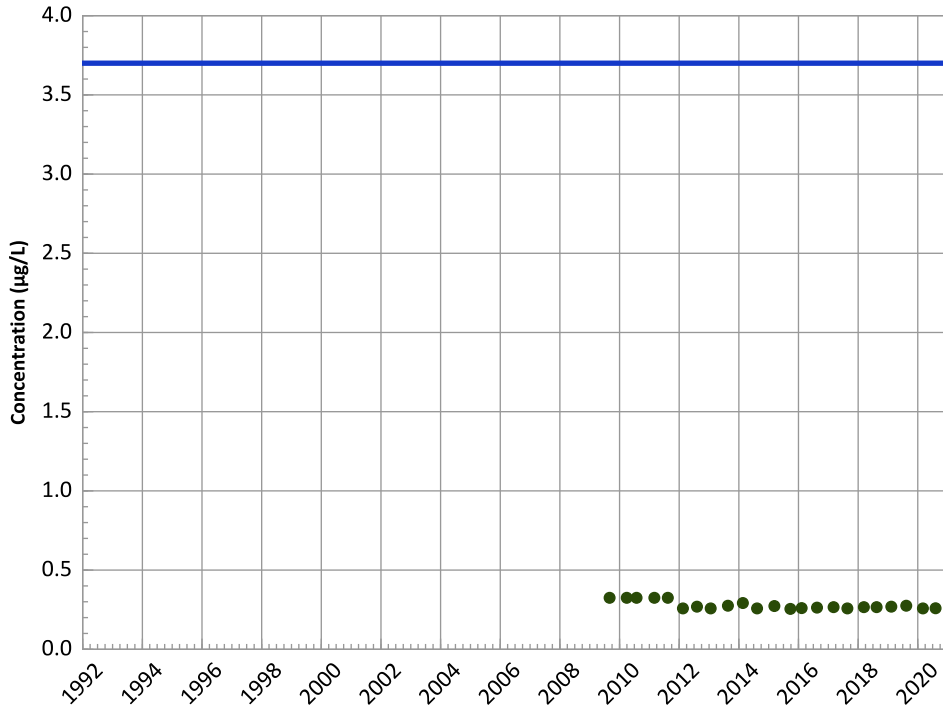
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

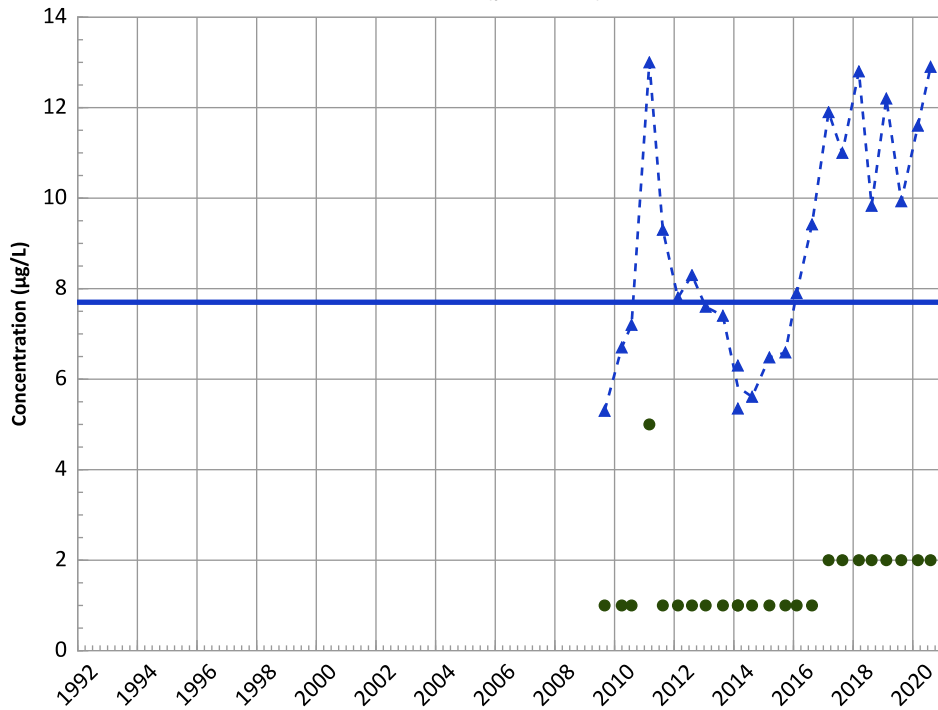
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

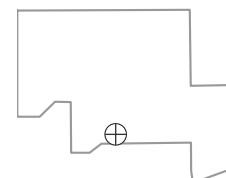
2018 - 2020 Data:

No Trend

All Data:

Increasing

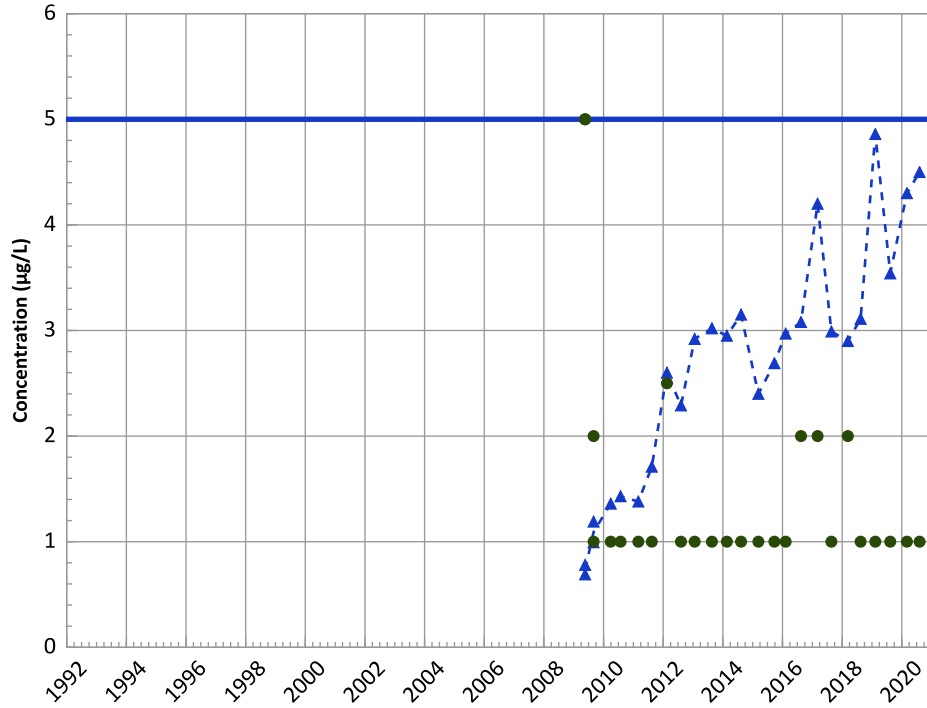
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

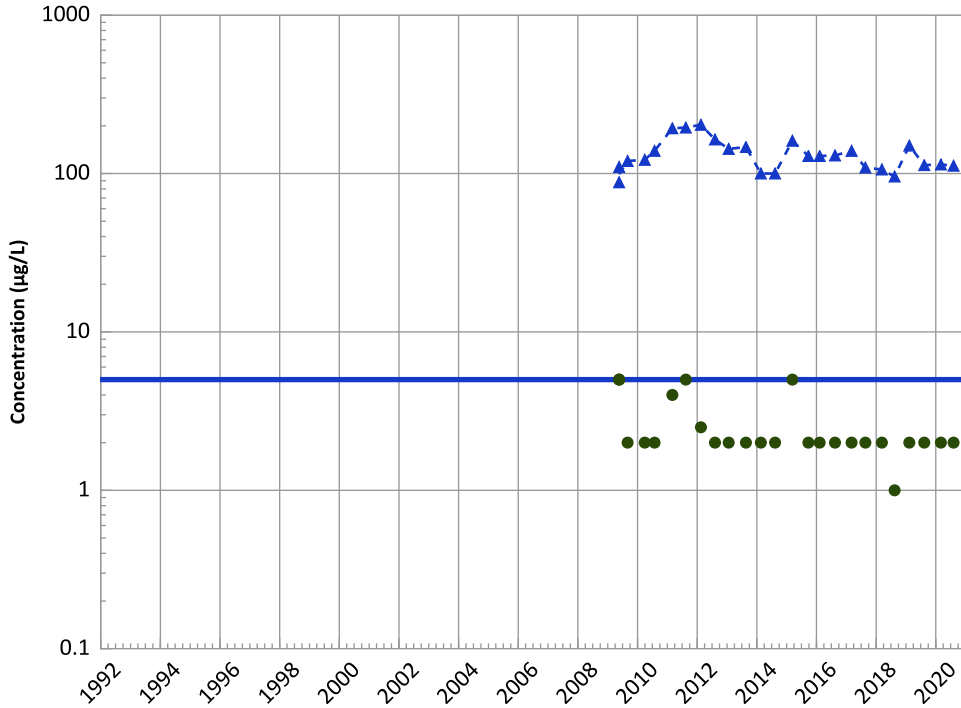
2018 - 2020 Data:

No Trend

All Data:

Increasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

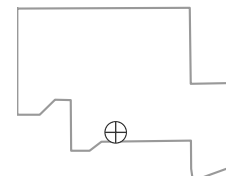
2018 - 2020 Data:

Stable

All Data:

Decreasing

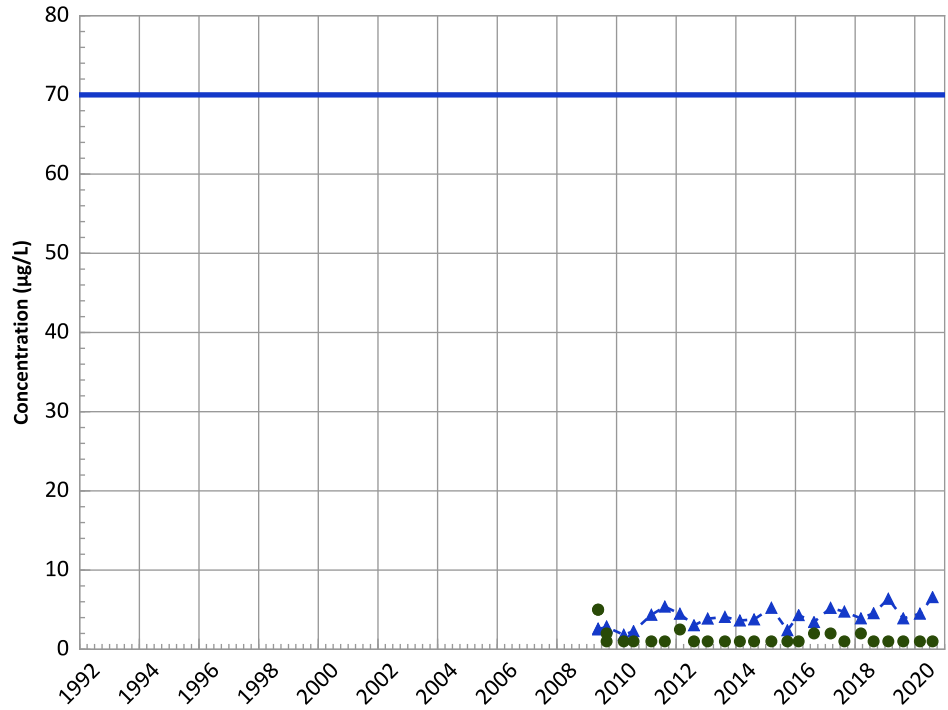
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

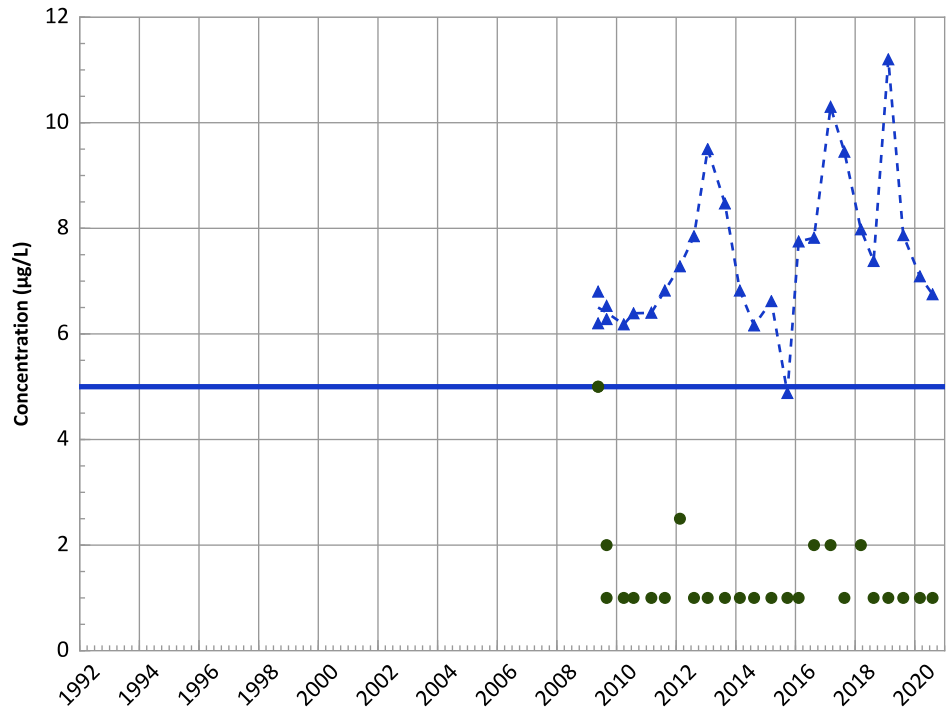
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend

All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Increasing

MAROS Linear Regression Method

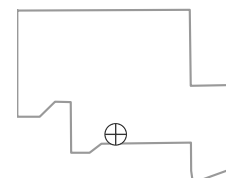
2018 - 2020 Data:
Probably Decreasing

All Data:
Increasing

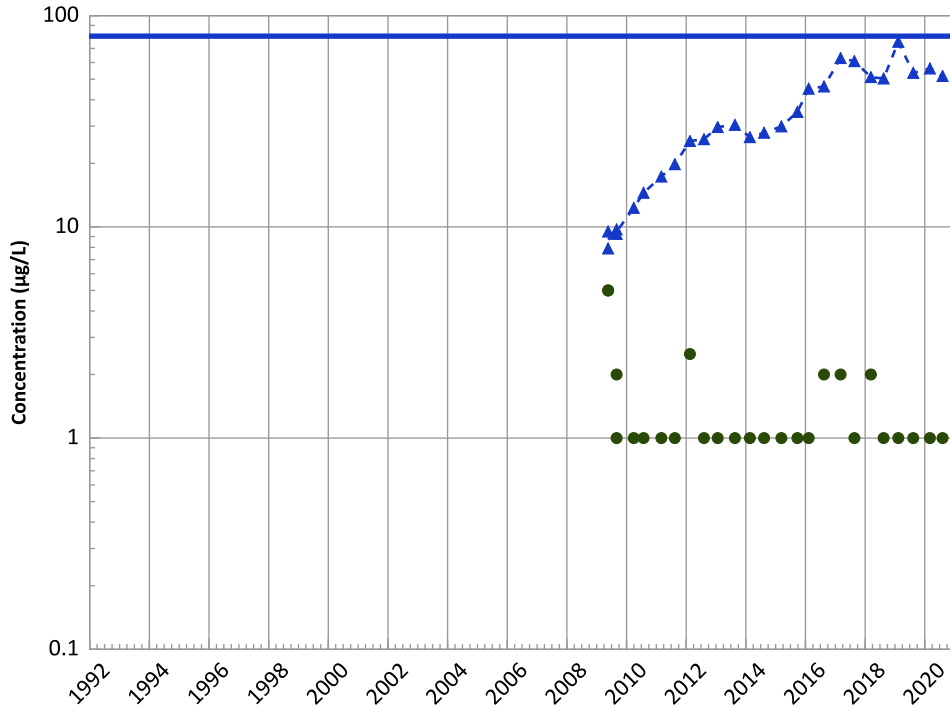
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

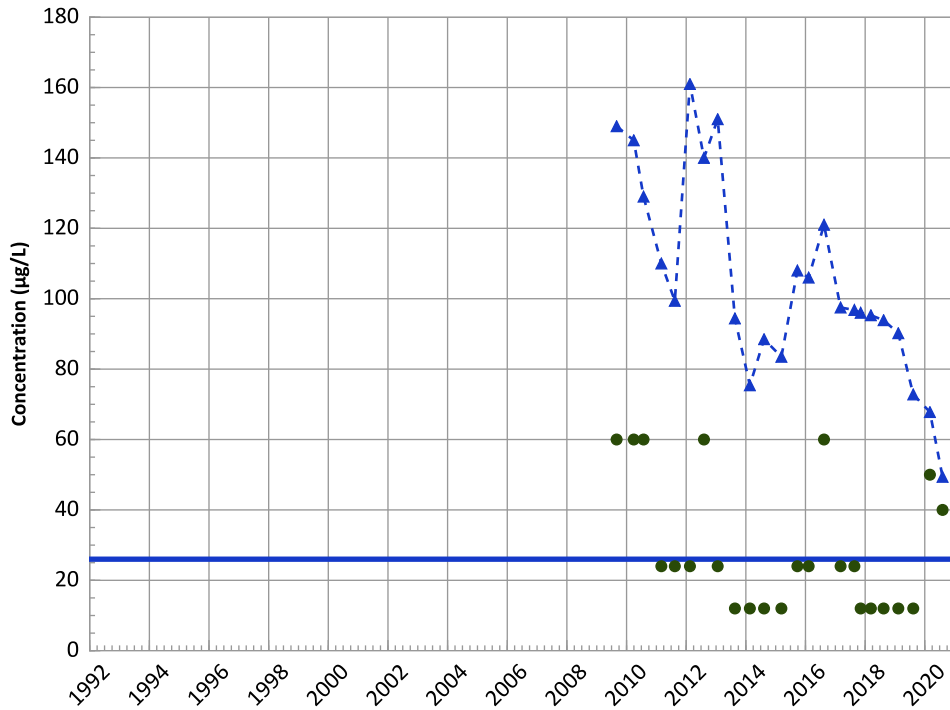
2018 - 2020 Data:

Stable

All Data:

Increasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

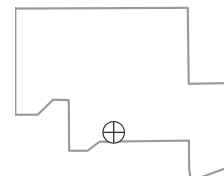
All Data:

Decreasing

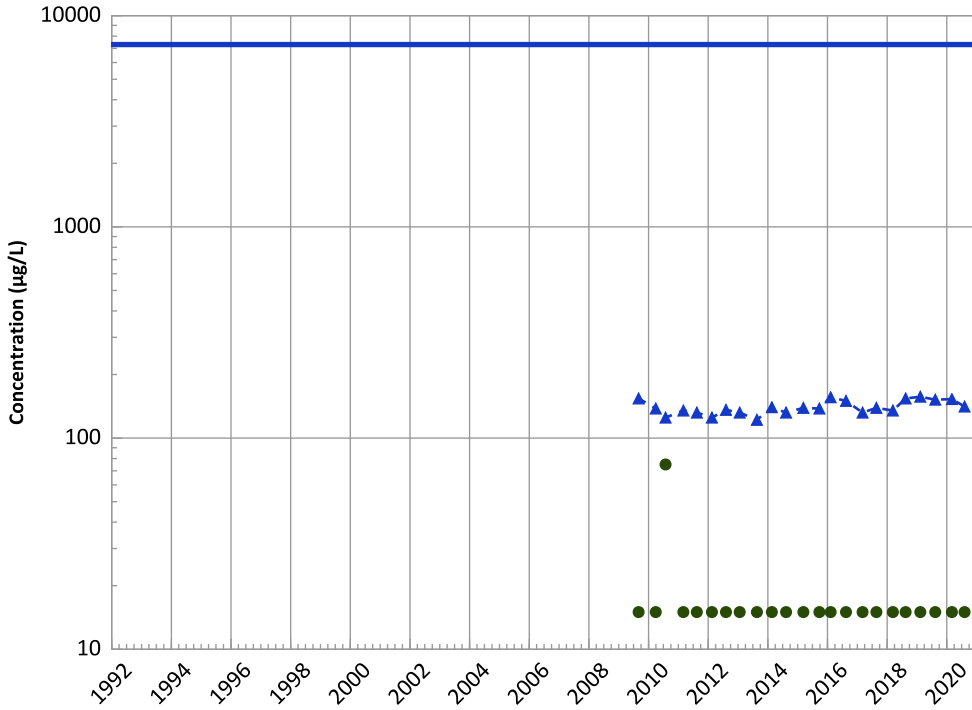
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

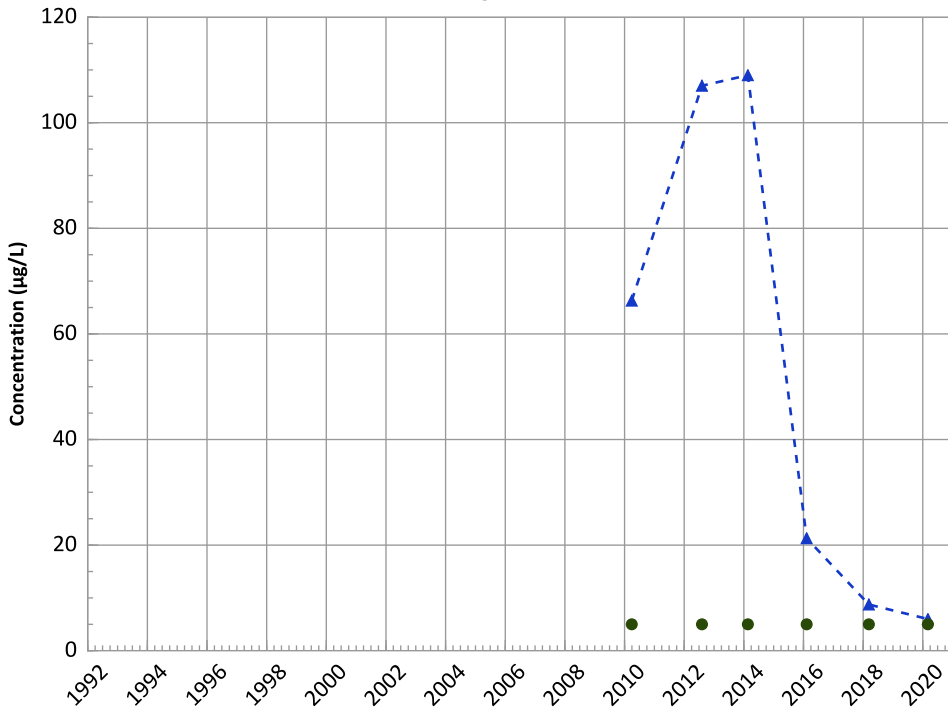
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

All Data:
Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

MAROS Linear Regression Method

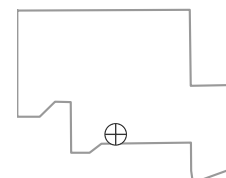
2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

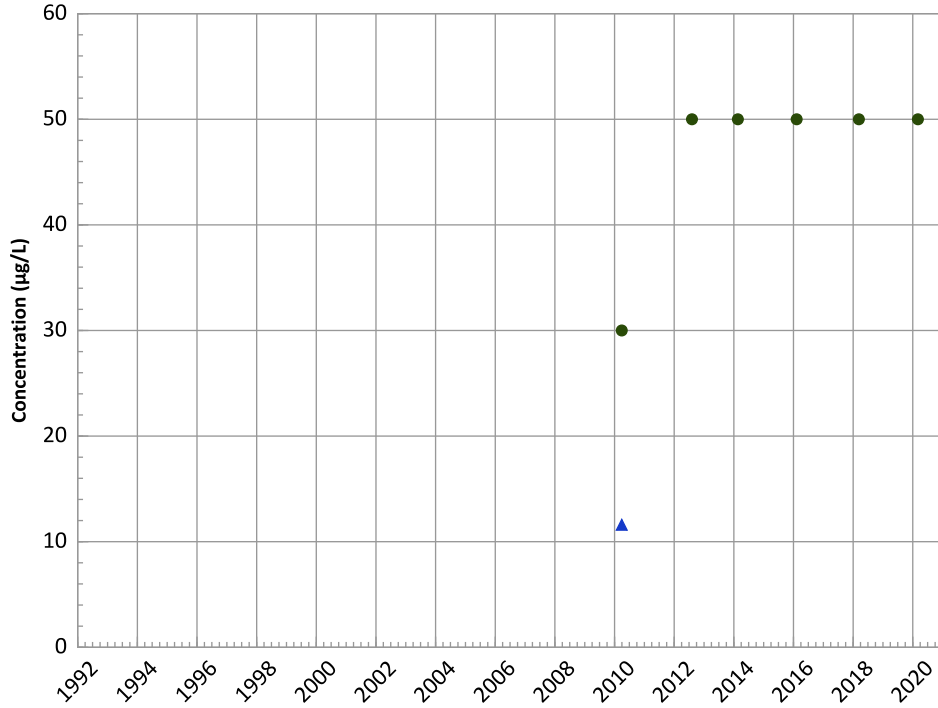
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

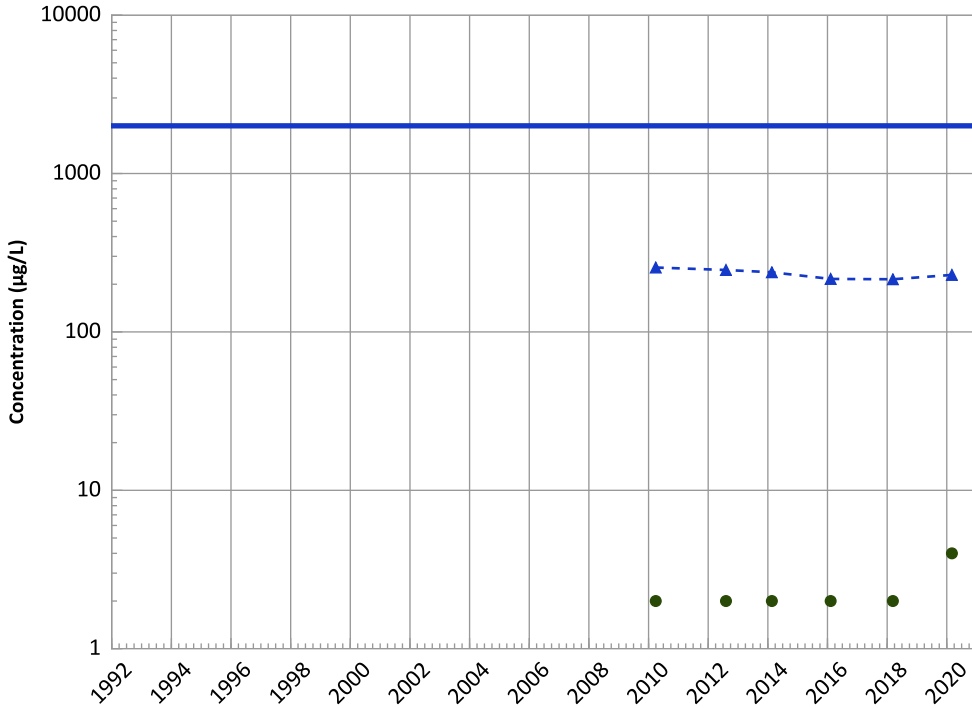
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

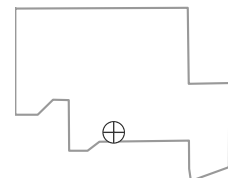
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 05/20/2009 to 08/06/2020

Analysis Date: 06/03/2021

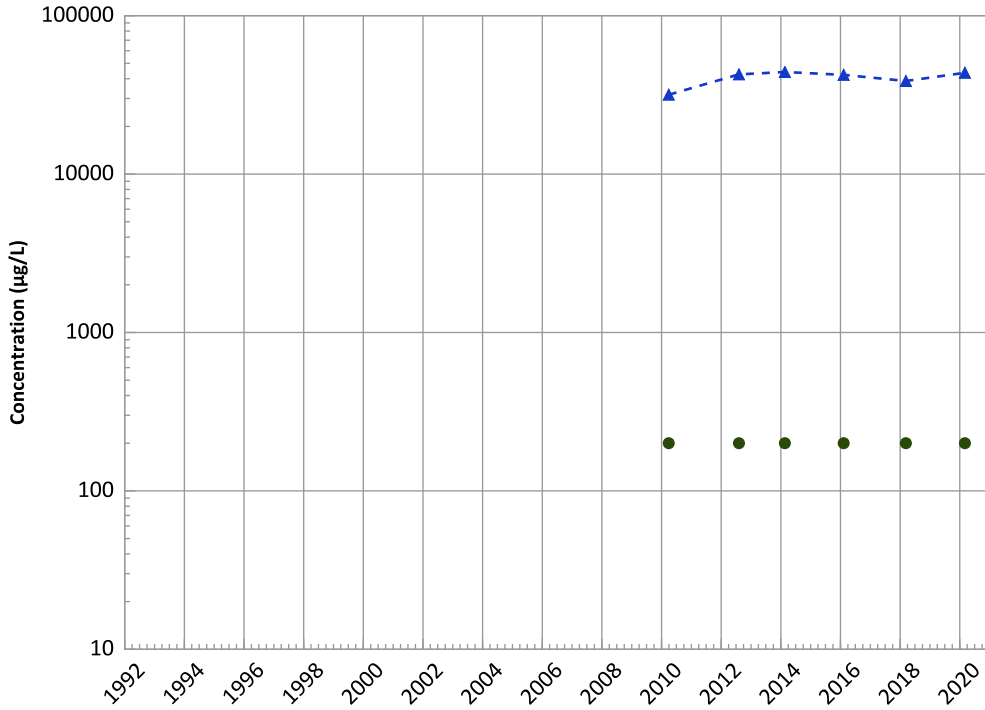
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

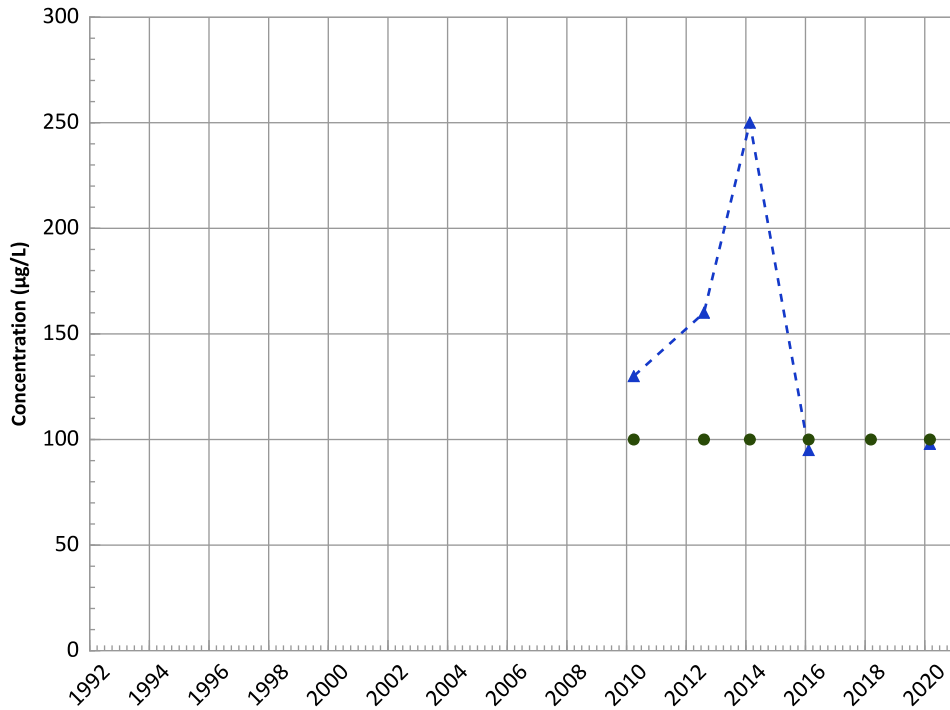
2018 - 2020 Data:

Stable

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

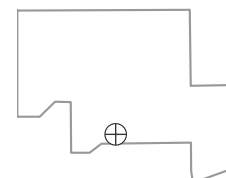
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

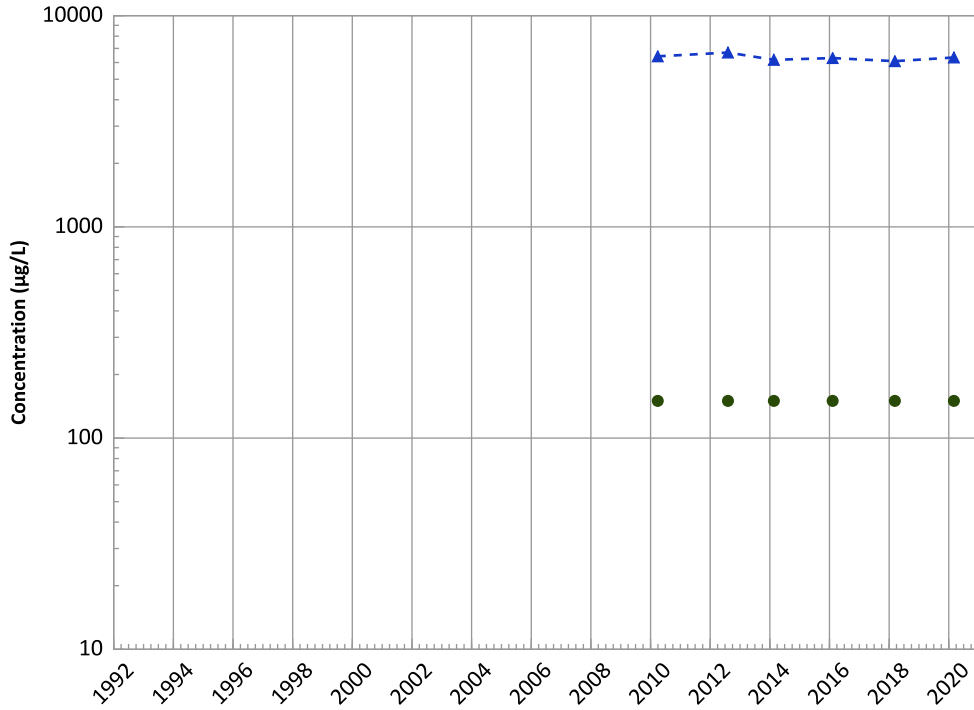
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

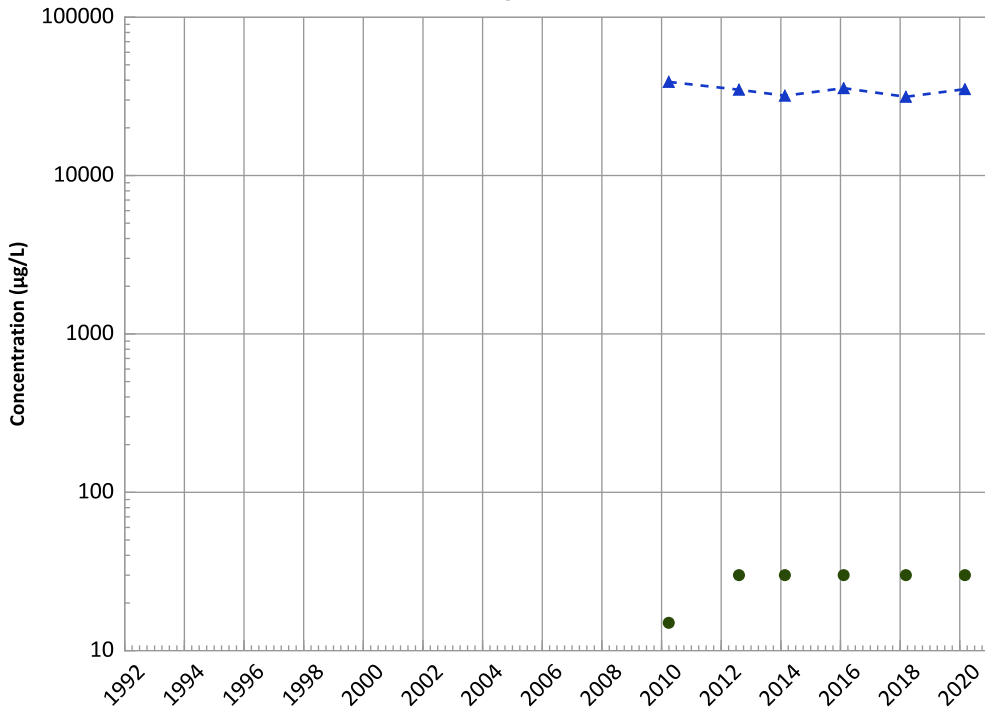
2018 - 2020 Data:

Increasing

All Data:

Stable

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

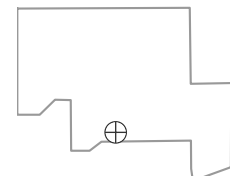
All Data:

Stable

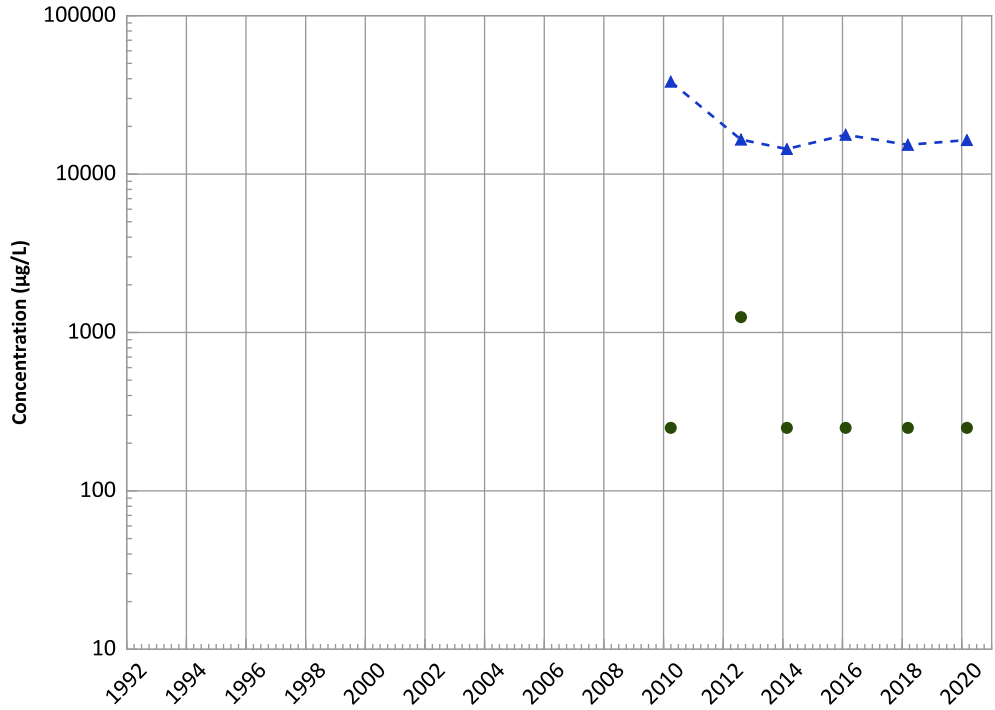
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/20/2009 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

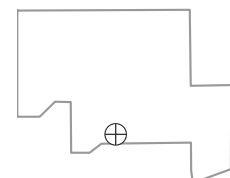
All Data:

Probably Decreasing

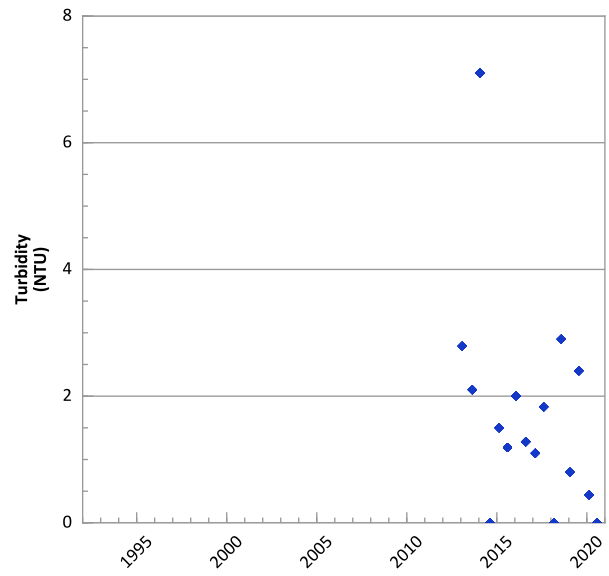
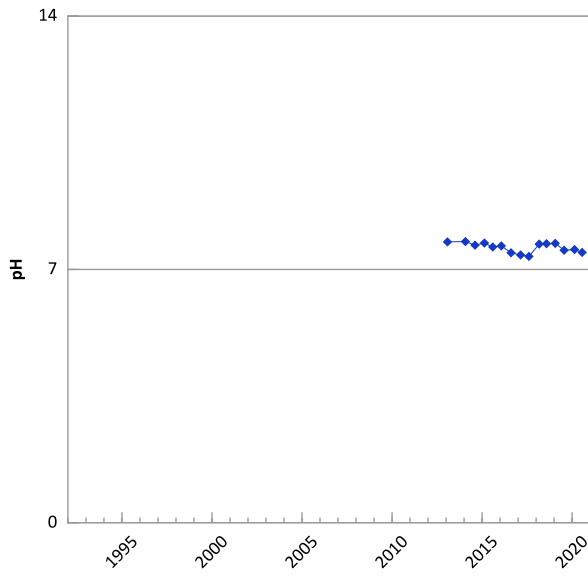
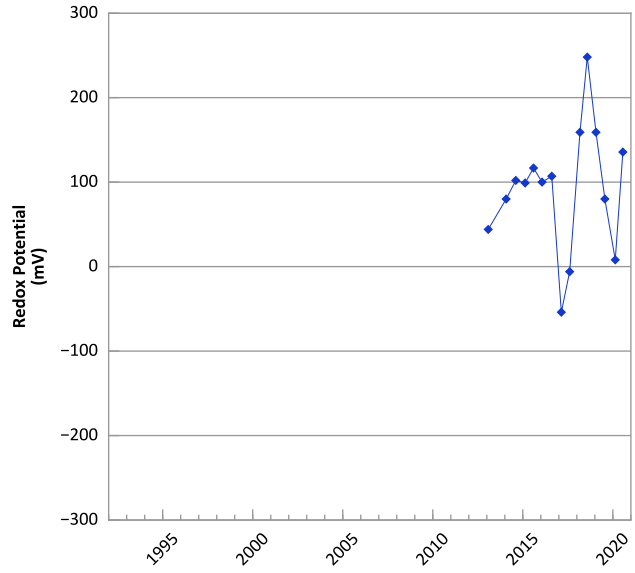
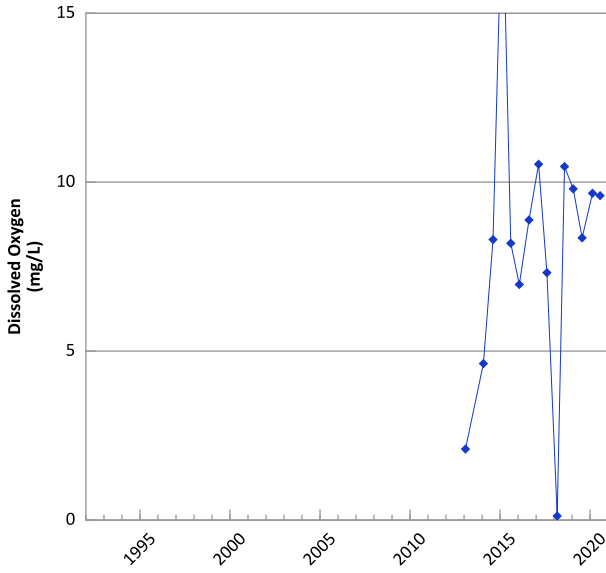
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 05/20/2009 to 08/06/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

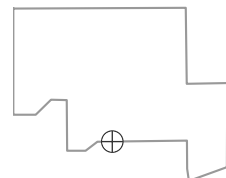


**PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



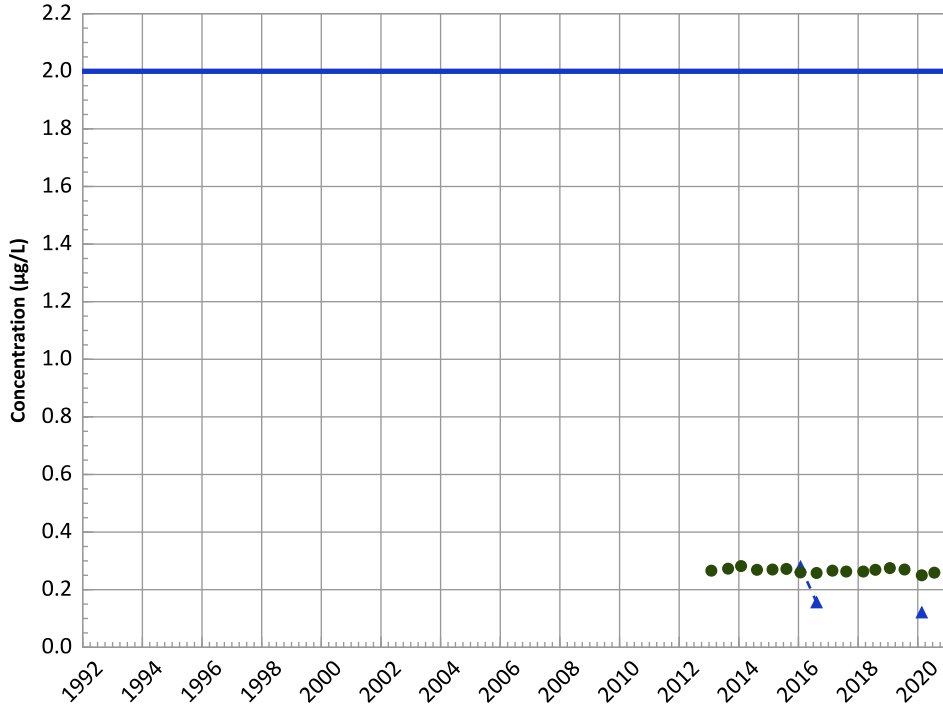
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/29/2013 to 07/22/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

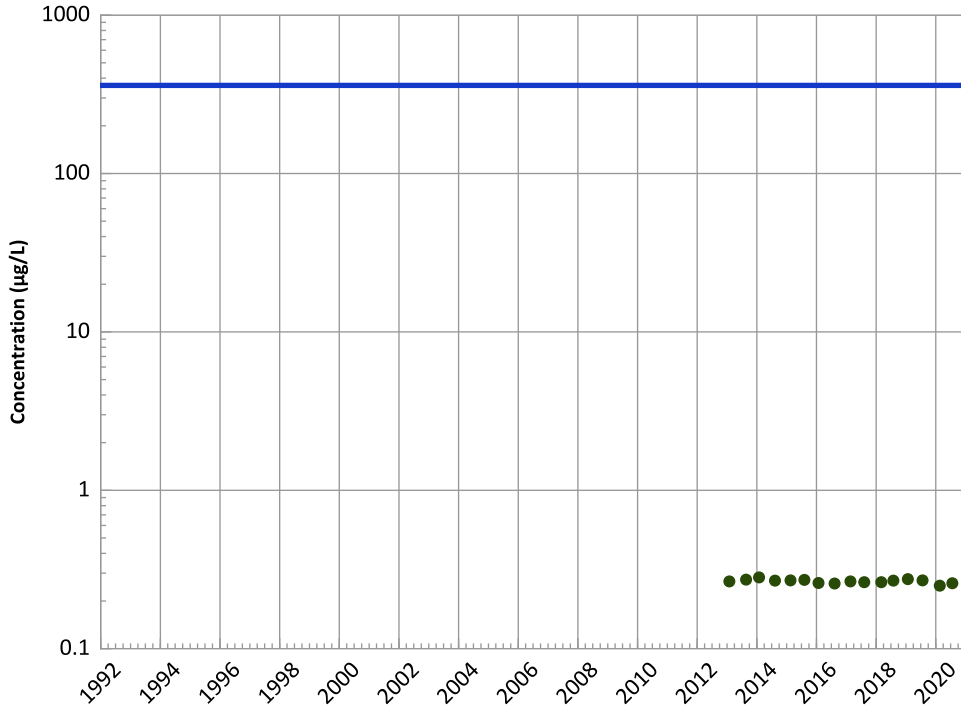


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

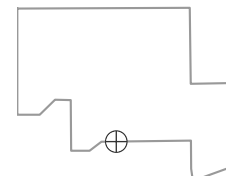
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

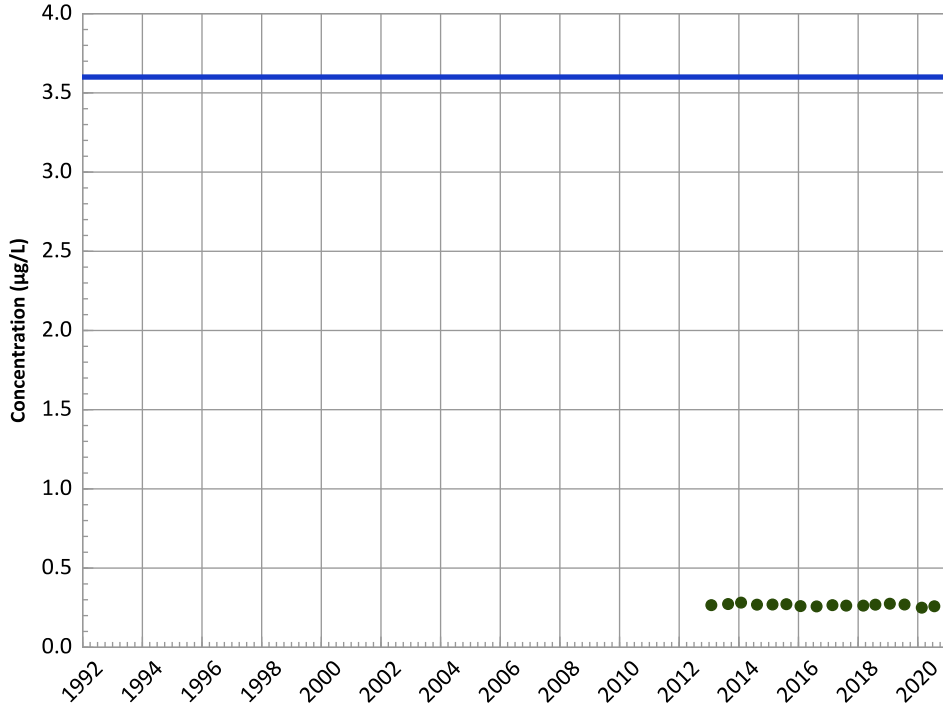
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

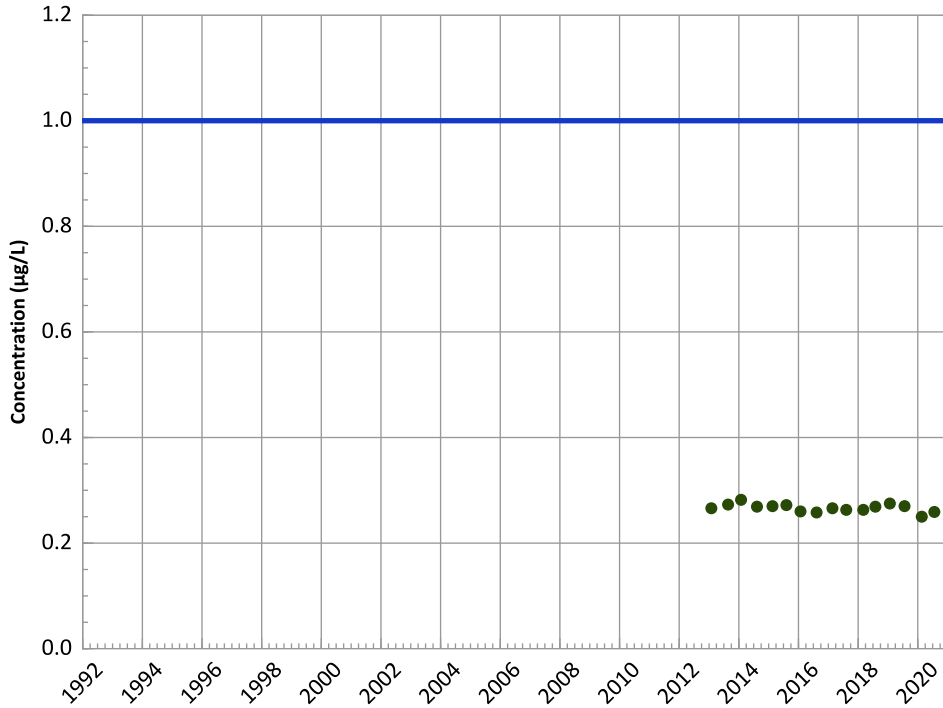
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

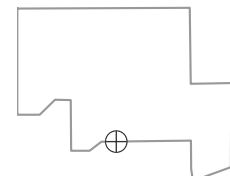
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

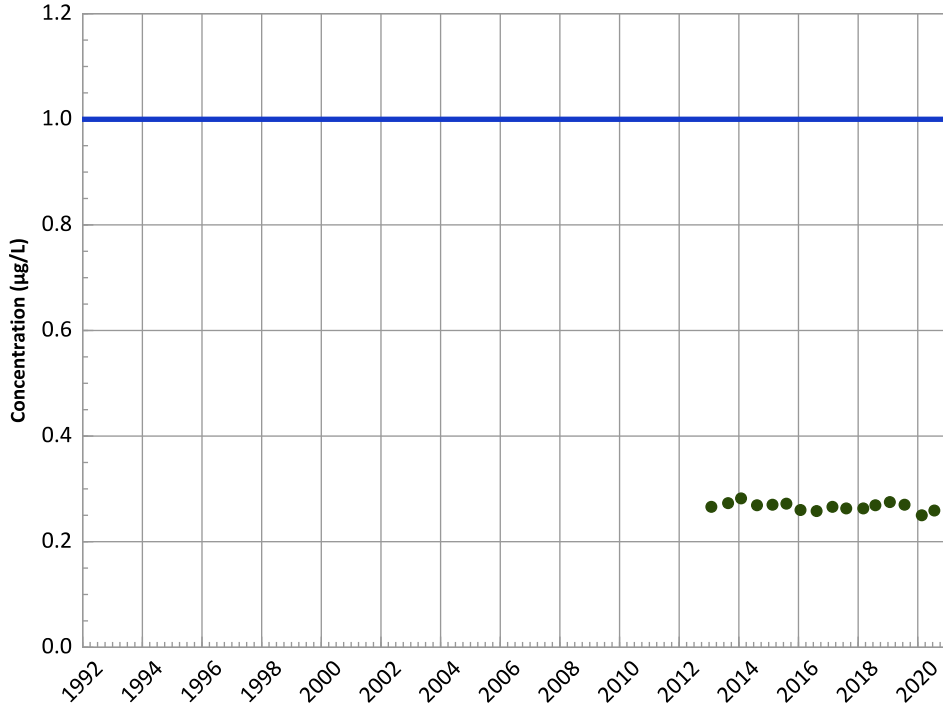
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

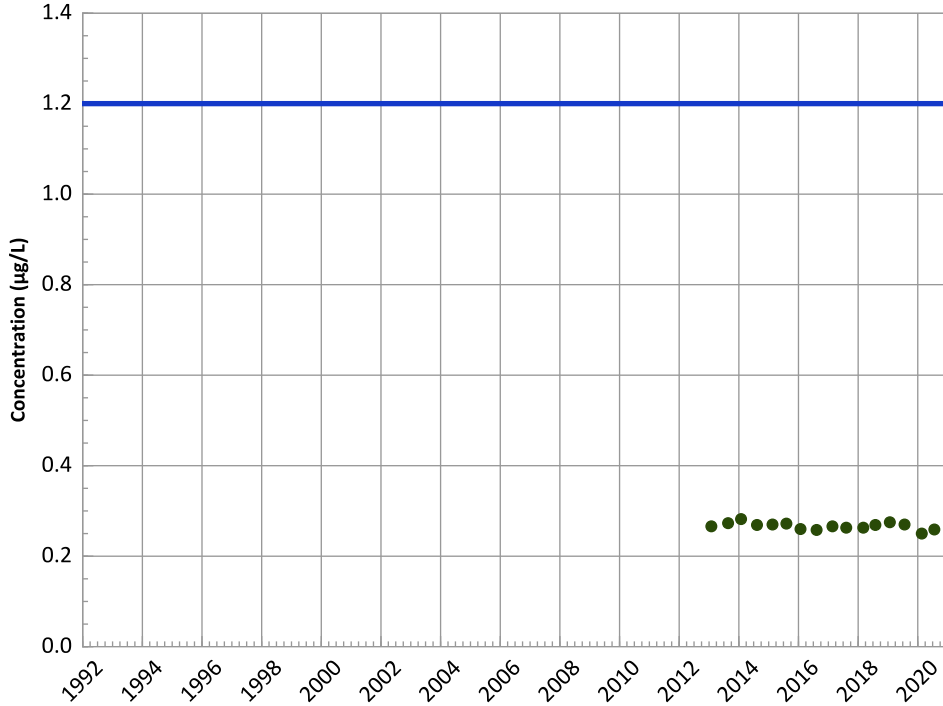
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

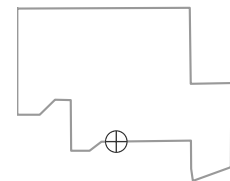
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

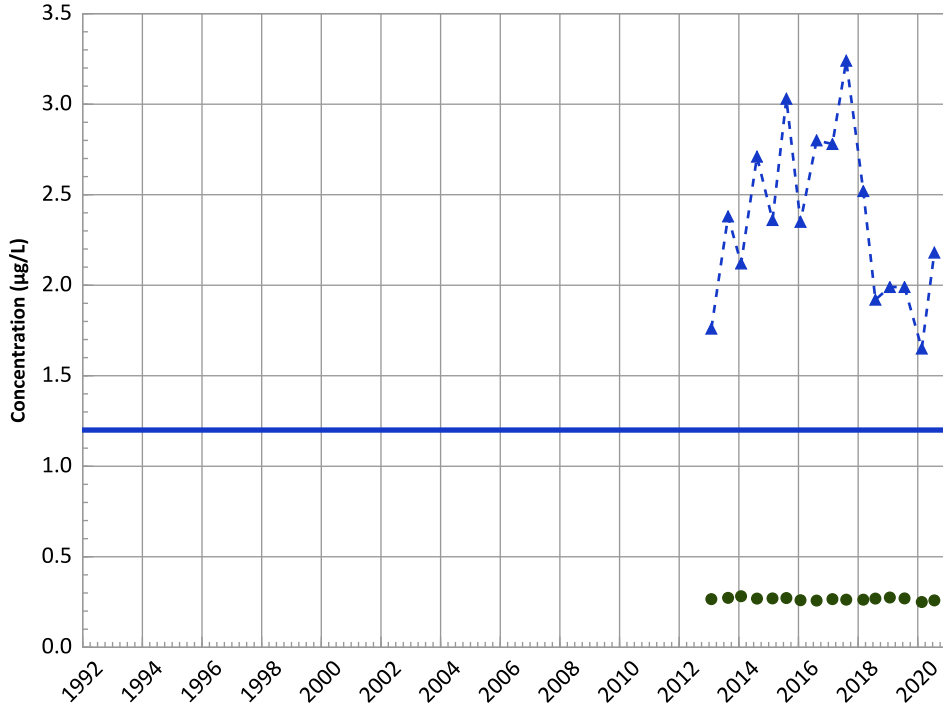


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

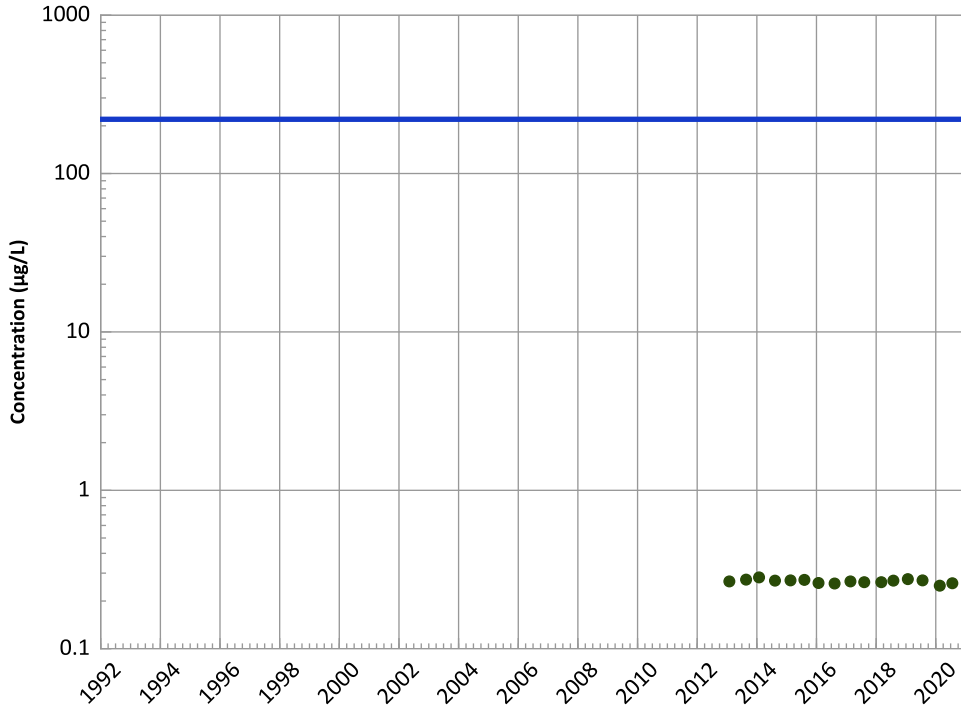
2018 - 2020 Data:

No Trend

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

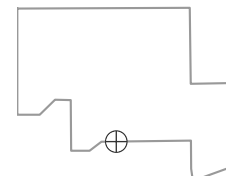
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

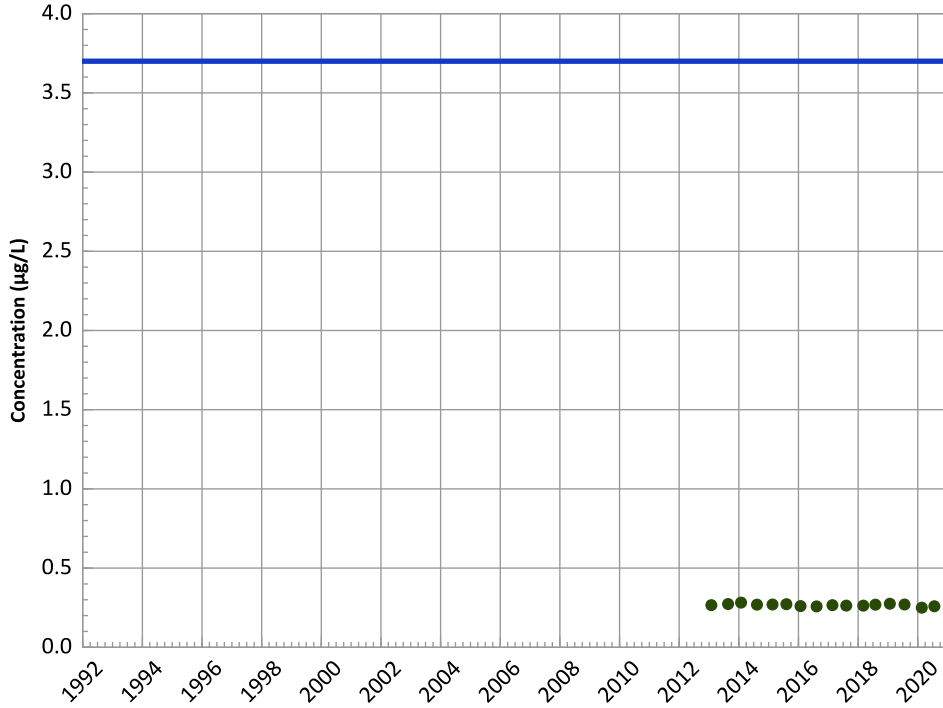
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

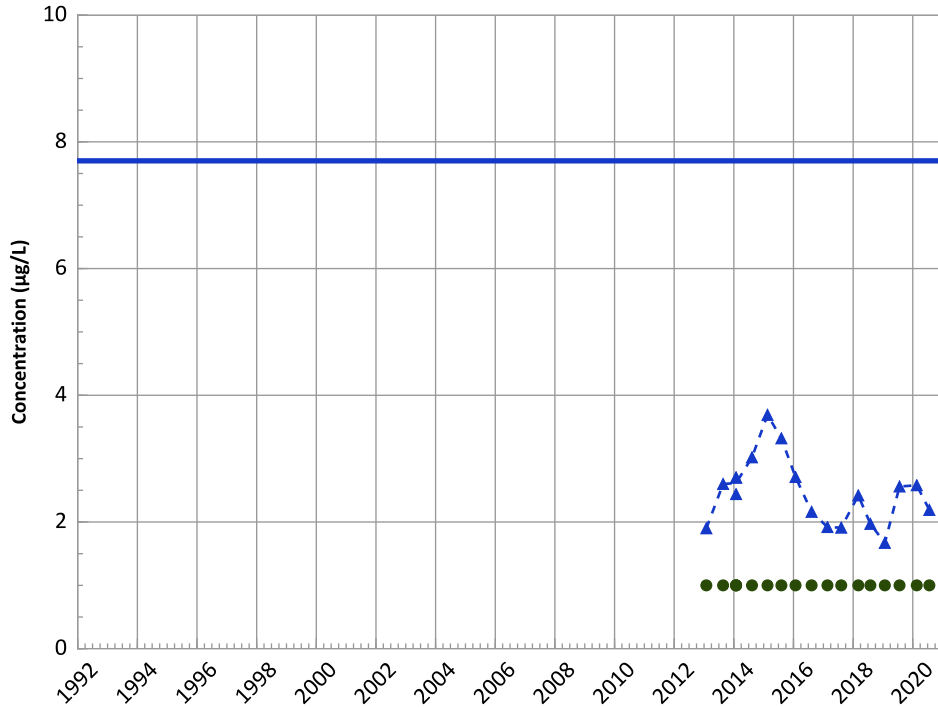
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

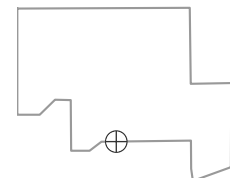
All Data:

Stable

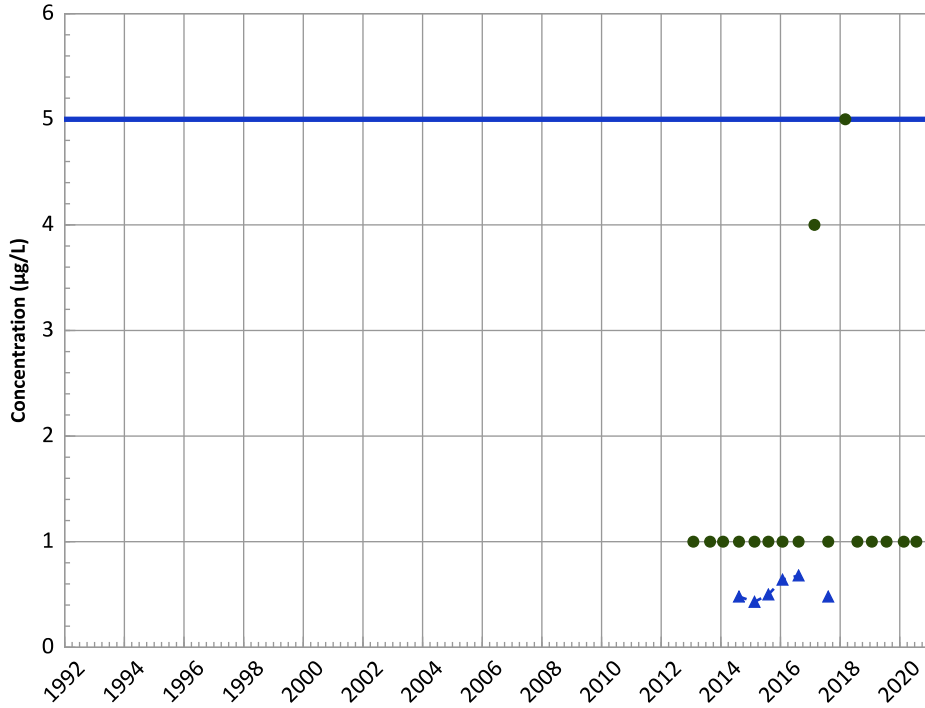
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

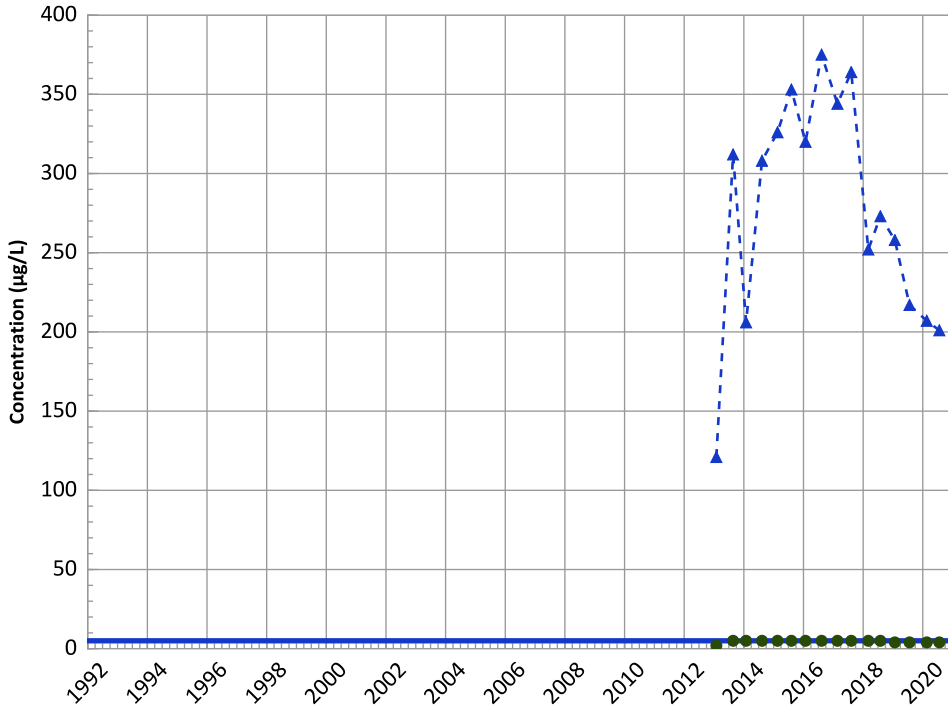
2018 - 2020 Data:

Stable

All Data:

No Trend

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

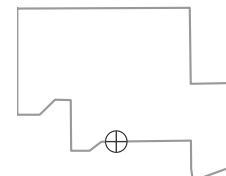
All Data:

Decreasing

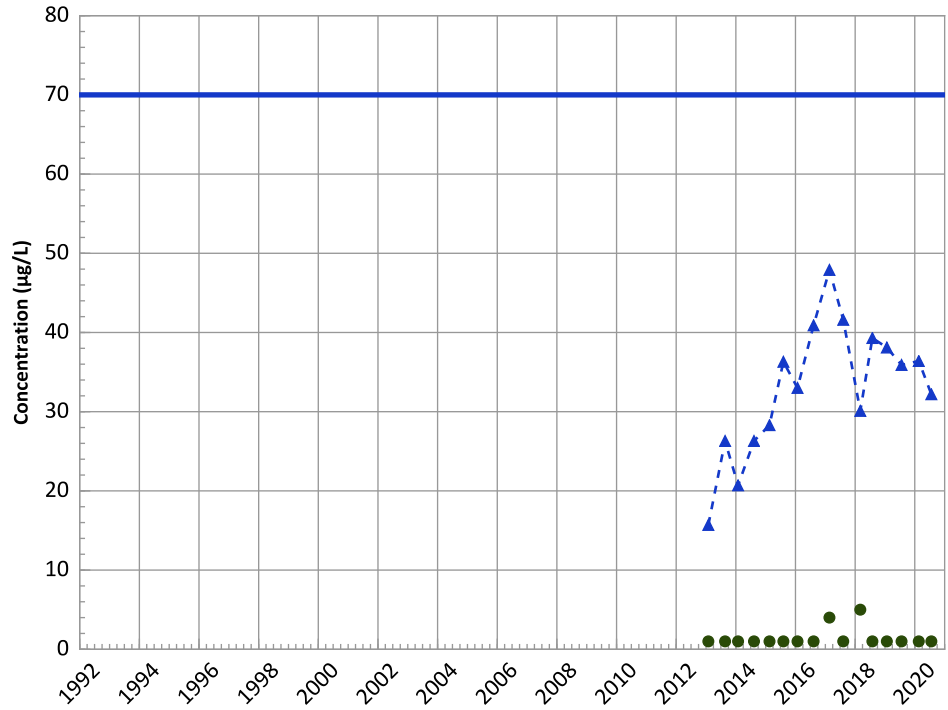
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Increasing

Increasing

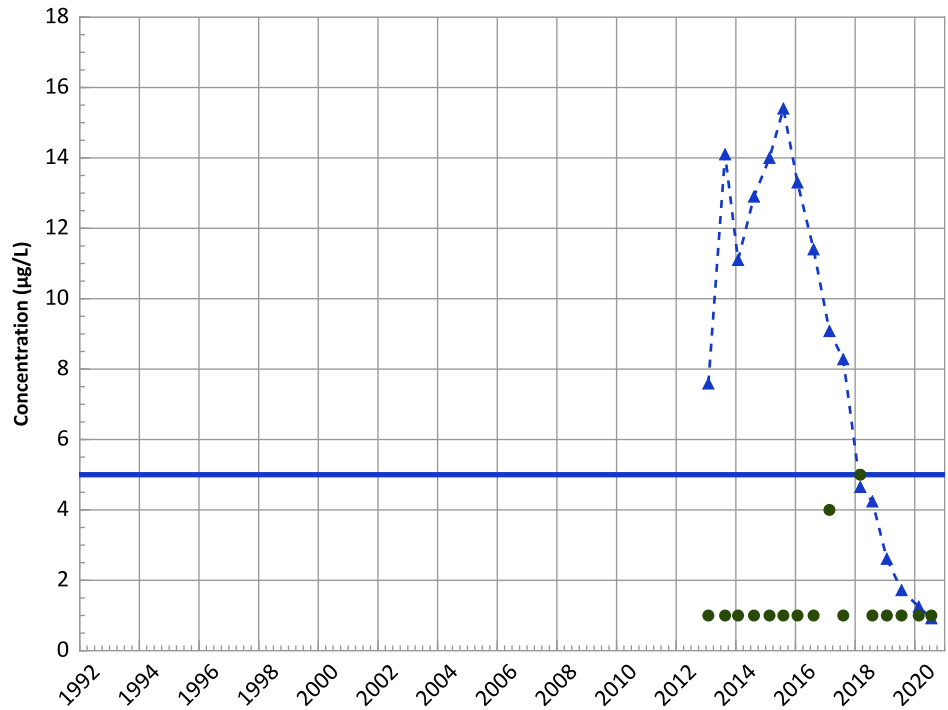
MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

All Data:
Increasing

Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

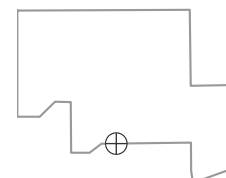
All Data:
Decreasing

Decreasing

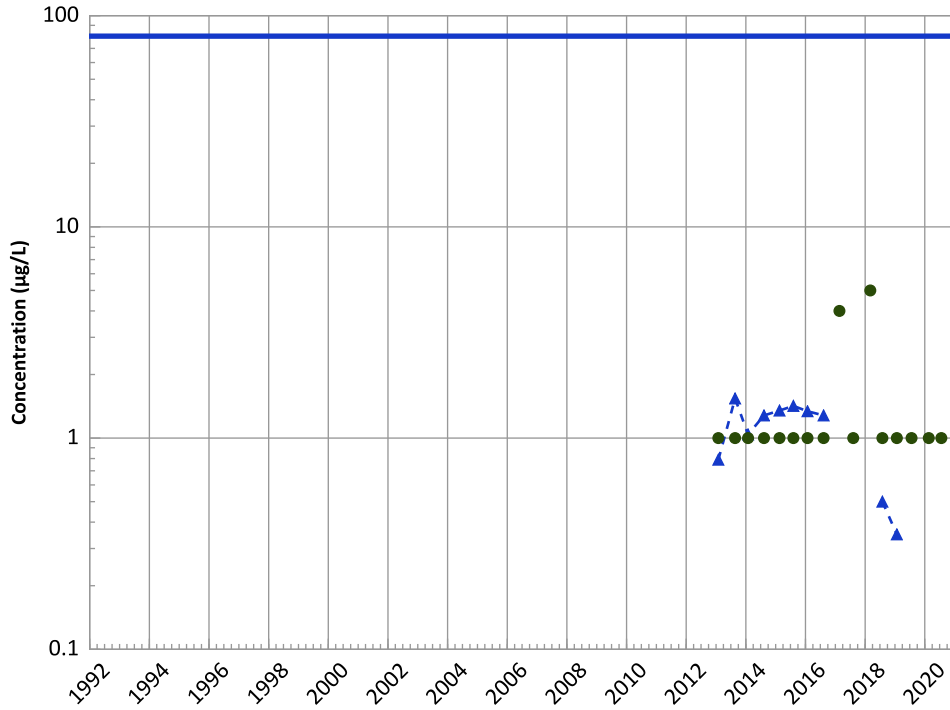
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

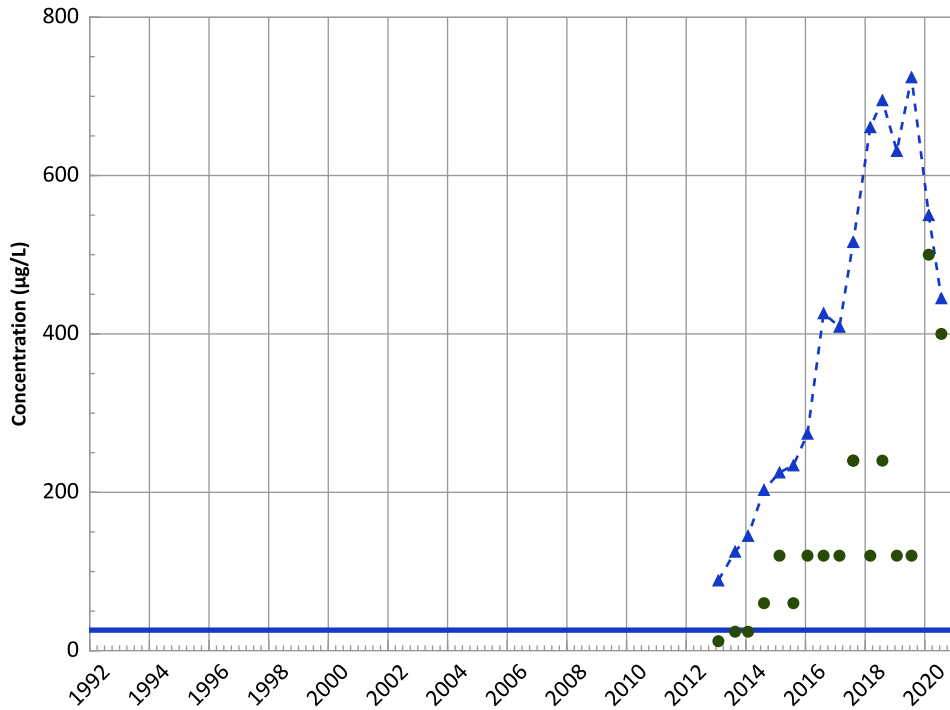


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Perchlorate Trend



Concentration Trend

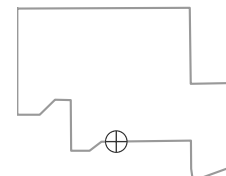
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

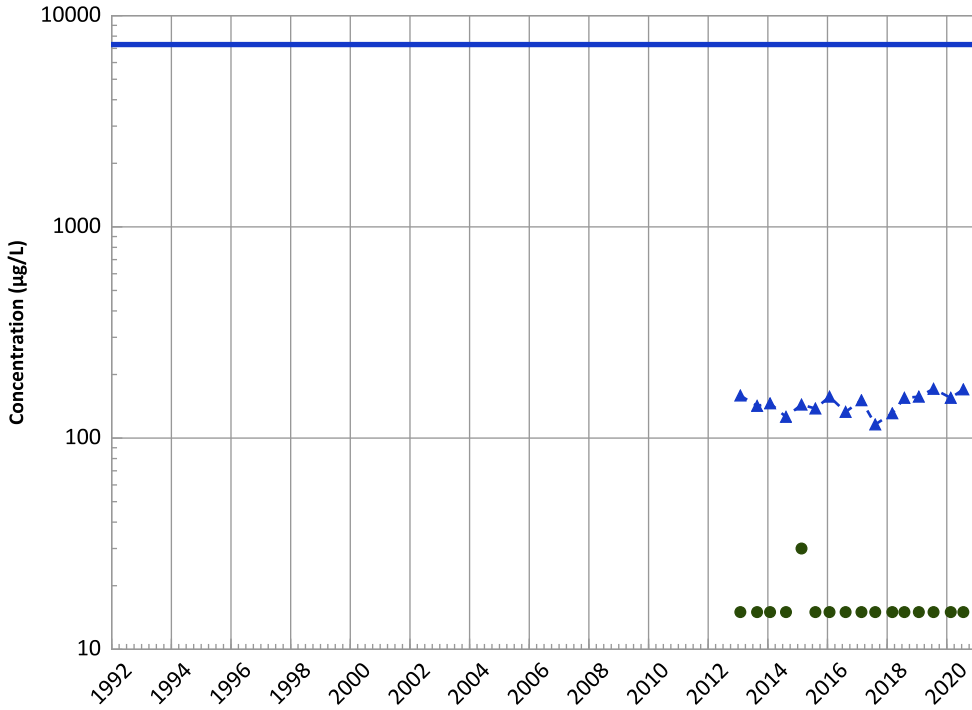
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

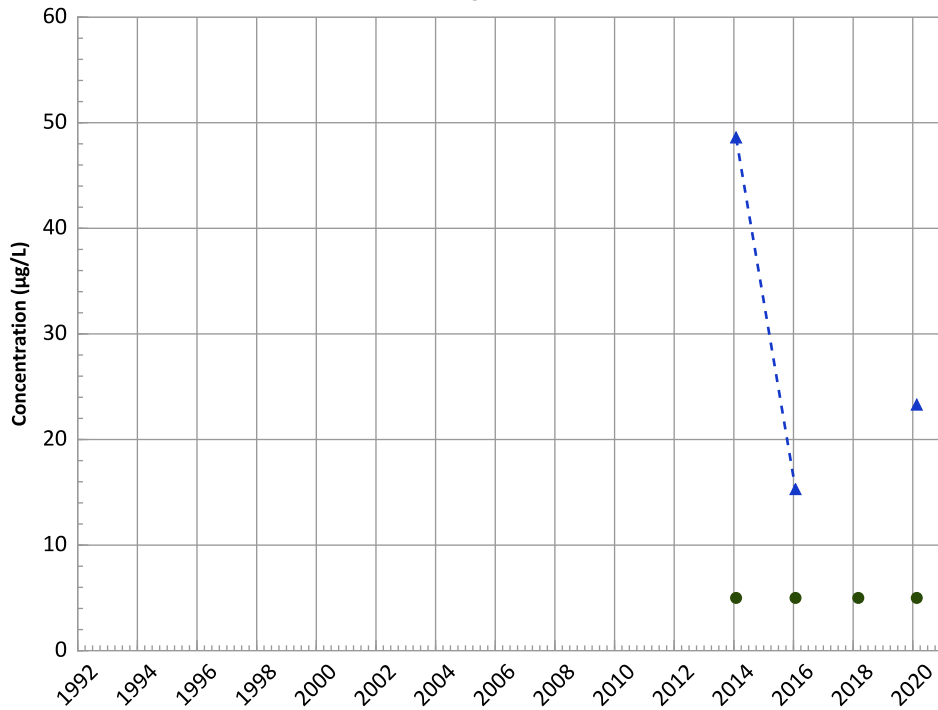
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

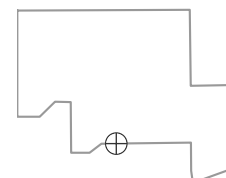
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

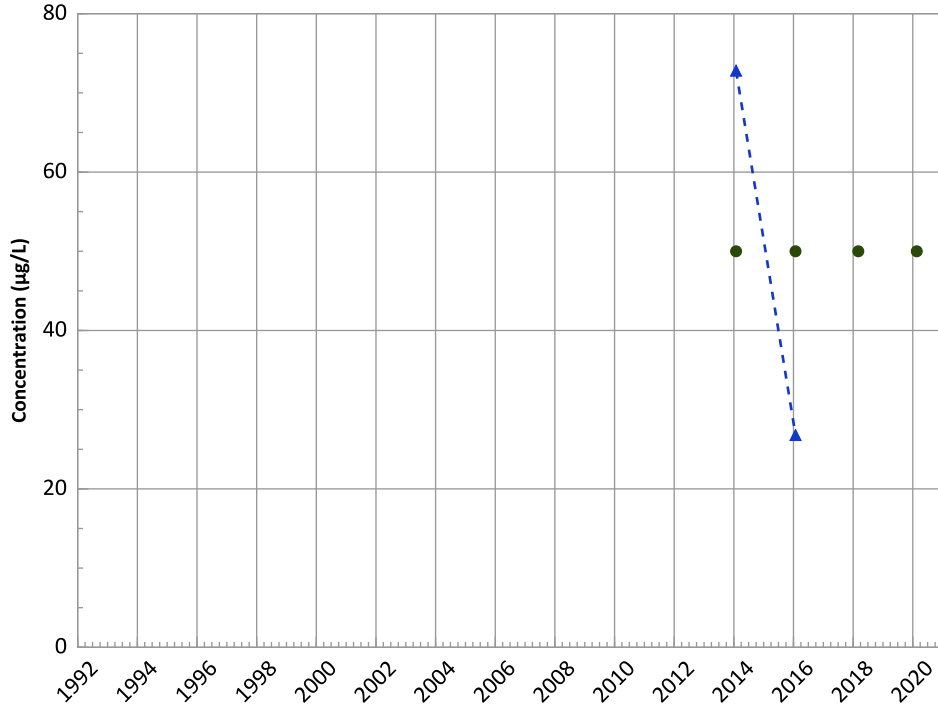


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

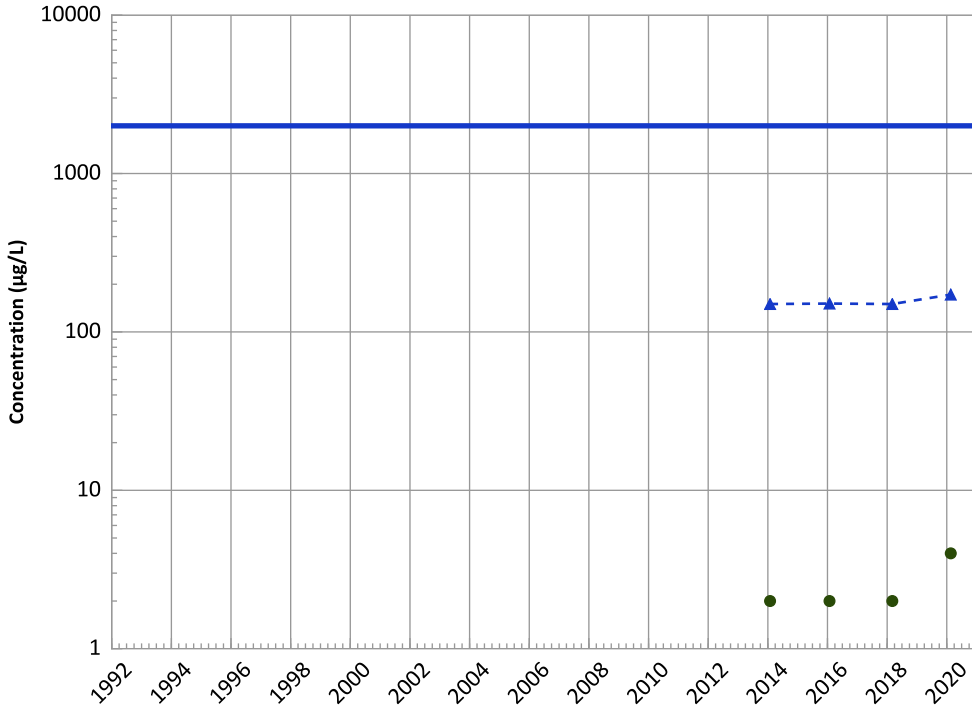
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

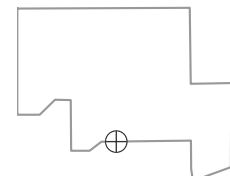
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

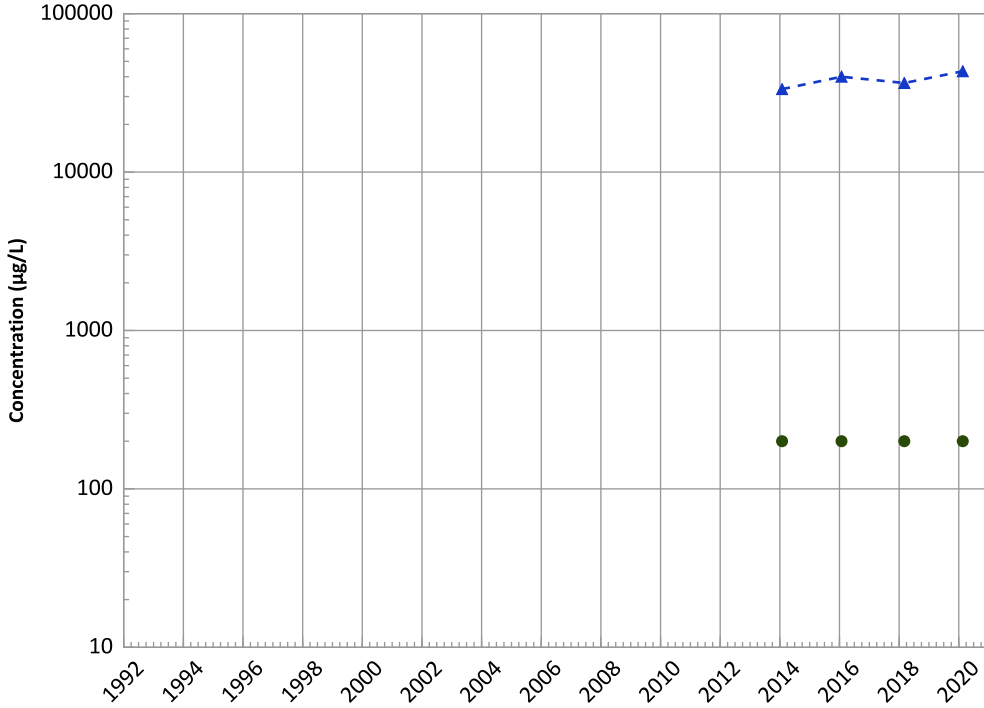
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

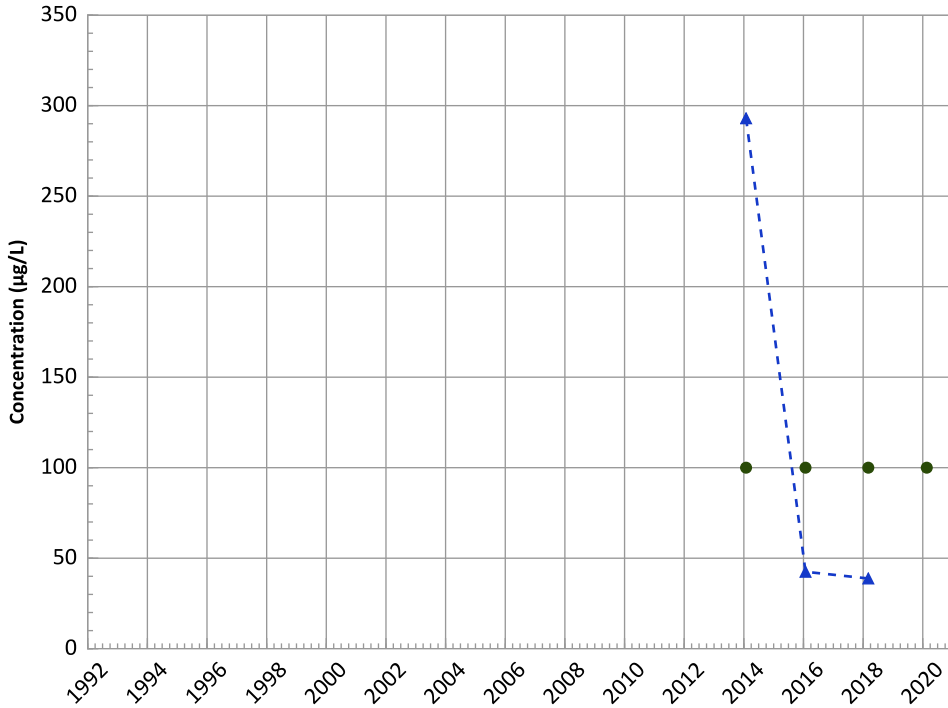
2018 - 2020 Data:

No Trend

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

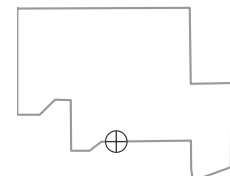
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

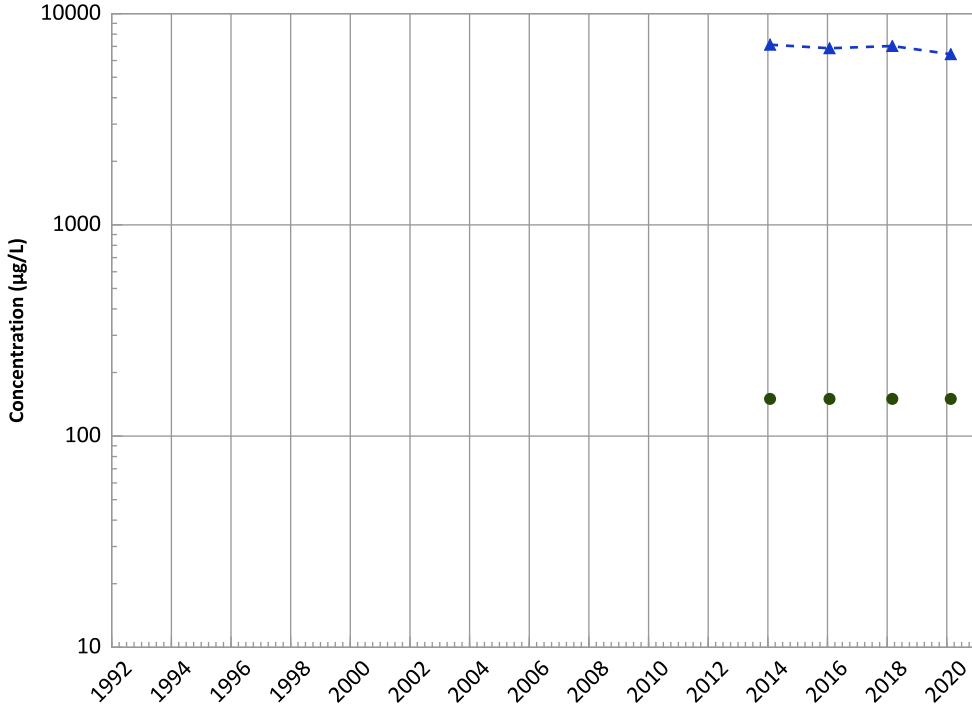


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

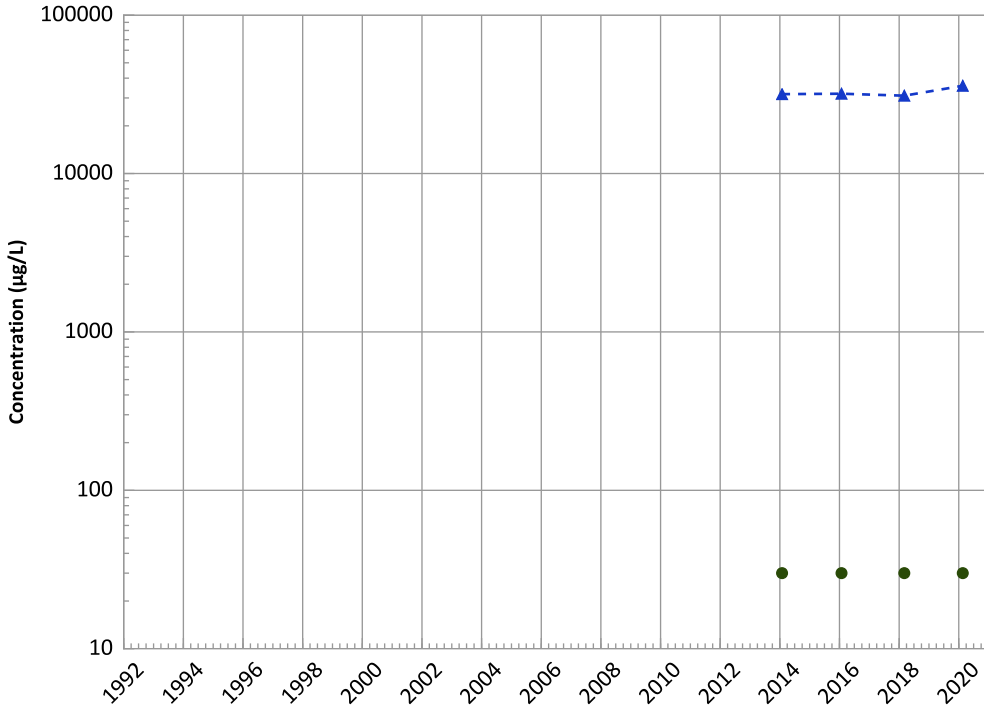
2018 - 2020 Data:

Stable

All Data:

Stable

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

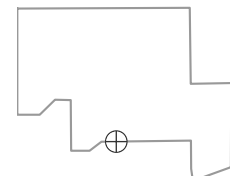
2018 - 2020 Data:

No Trend

All Data:

No Trend

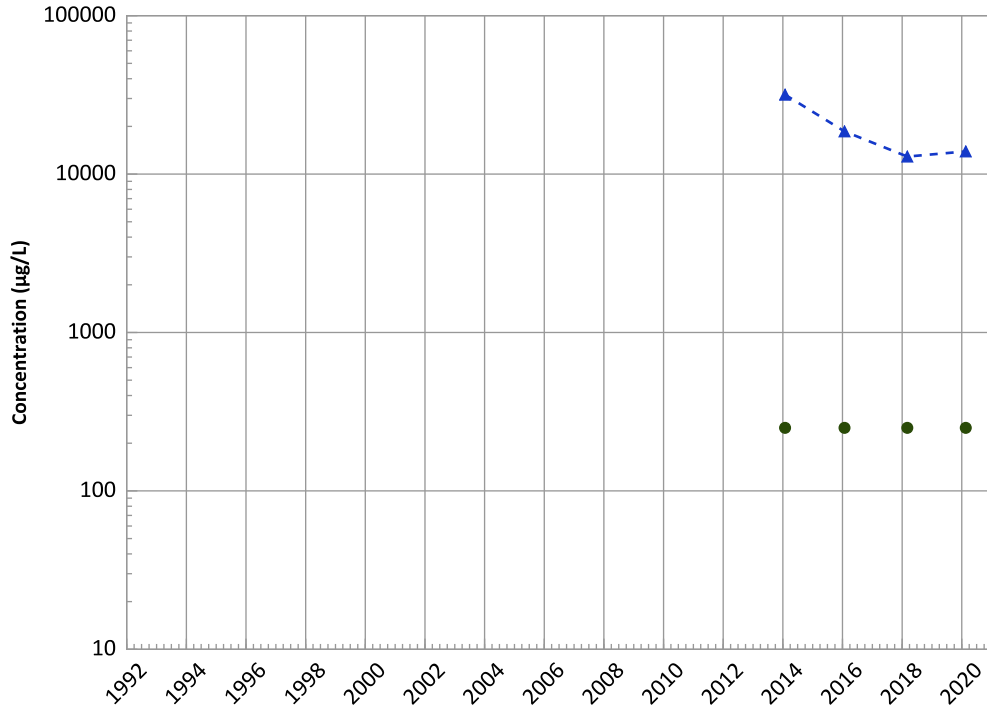
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1159 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

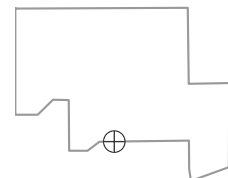
All Data:

Decreasing

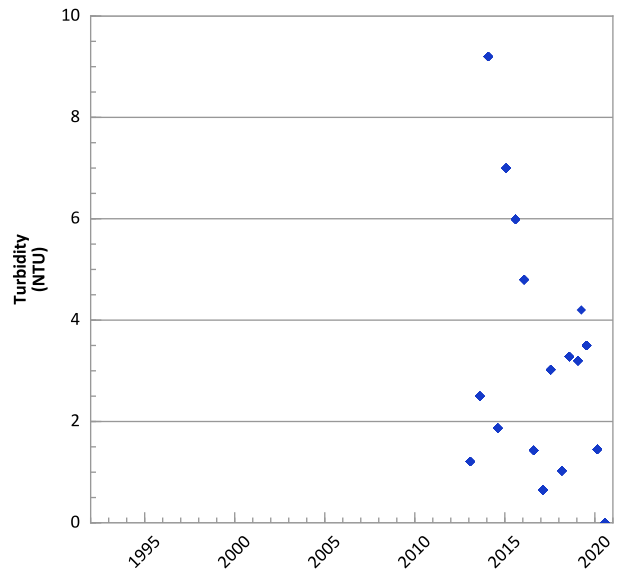
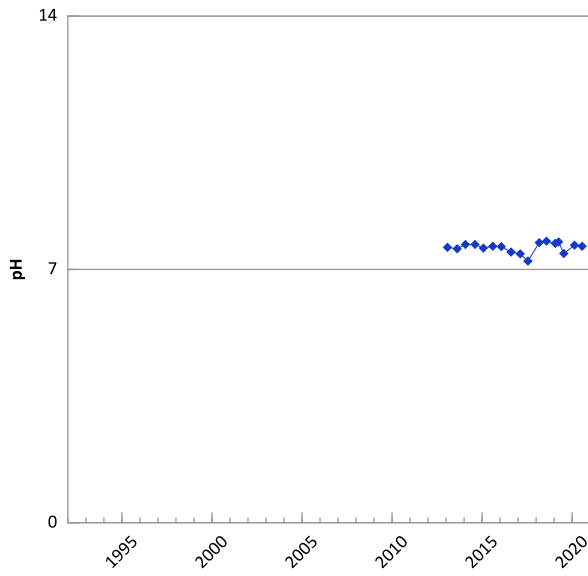
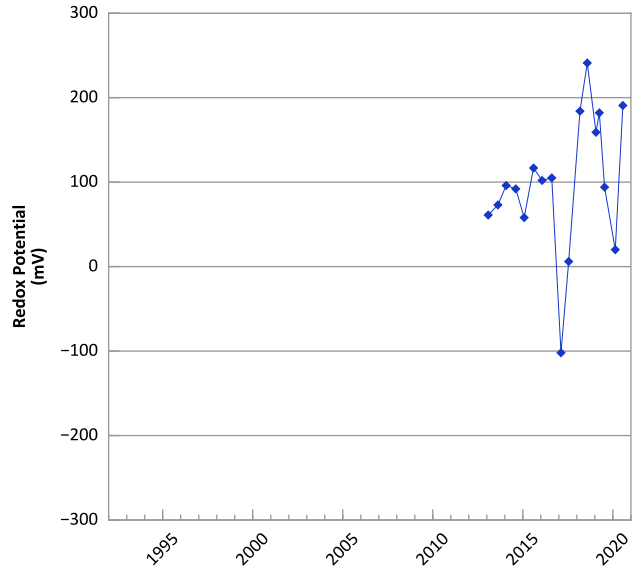
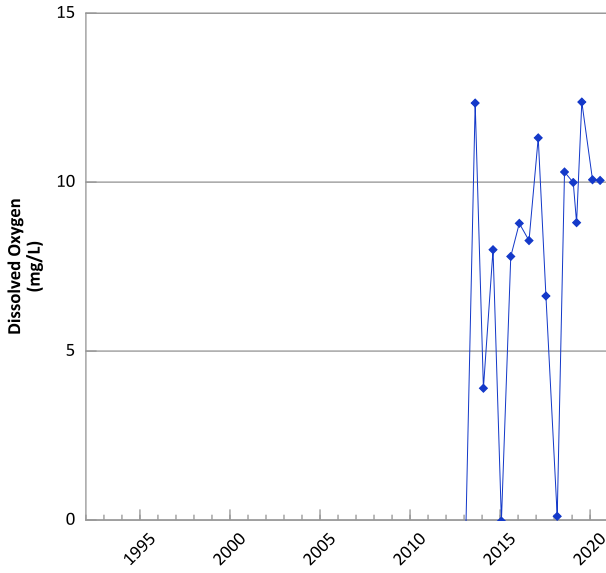
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/29/2013 to 07/22/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

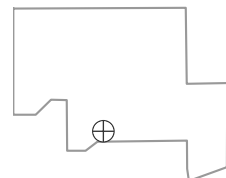


**PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



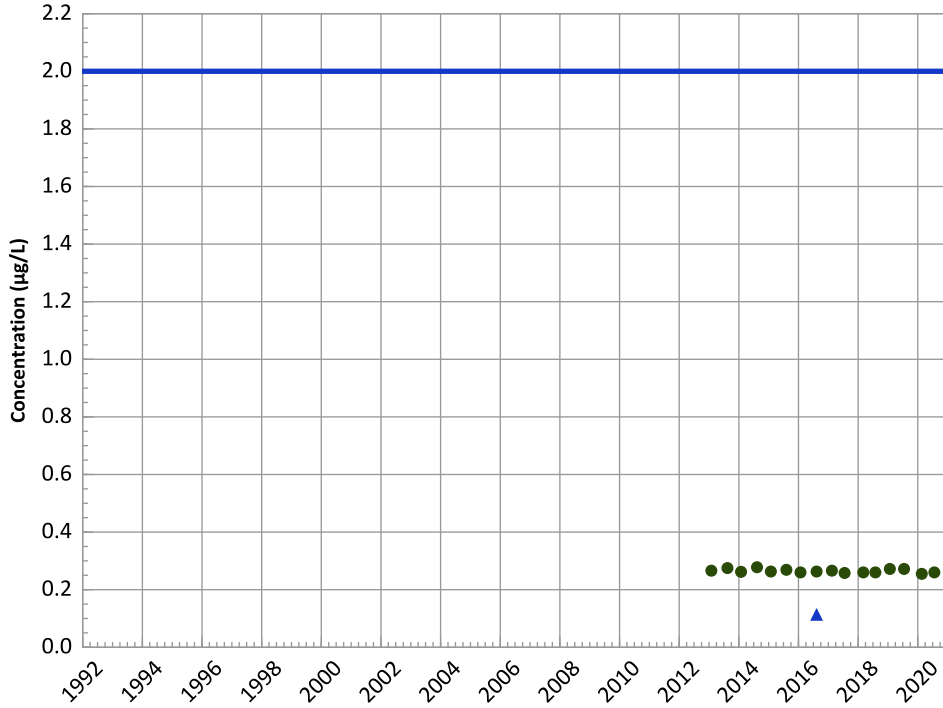
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/29/2013 to 07/22/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

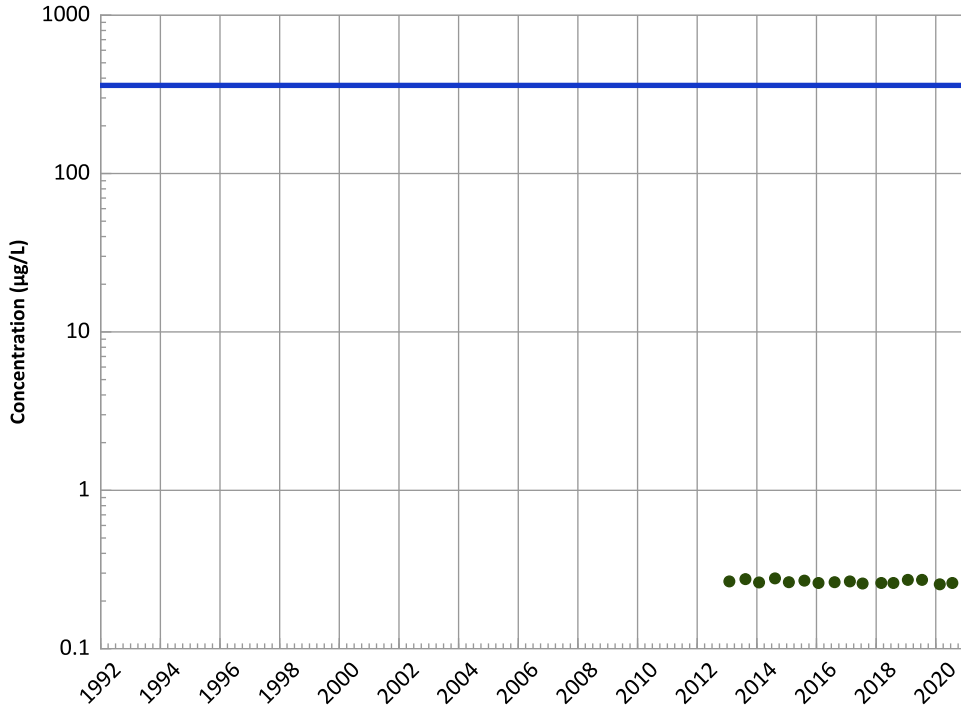
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

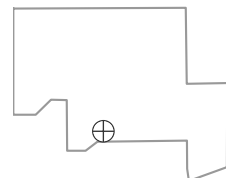
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

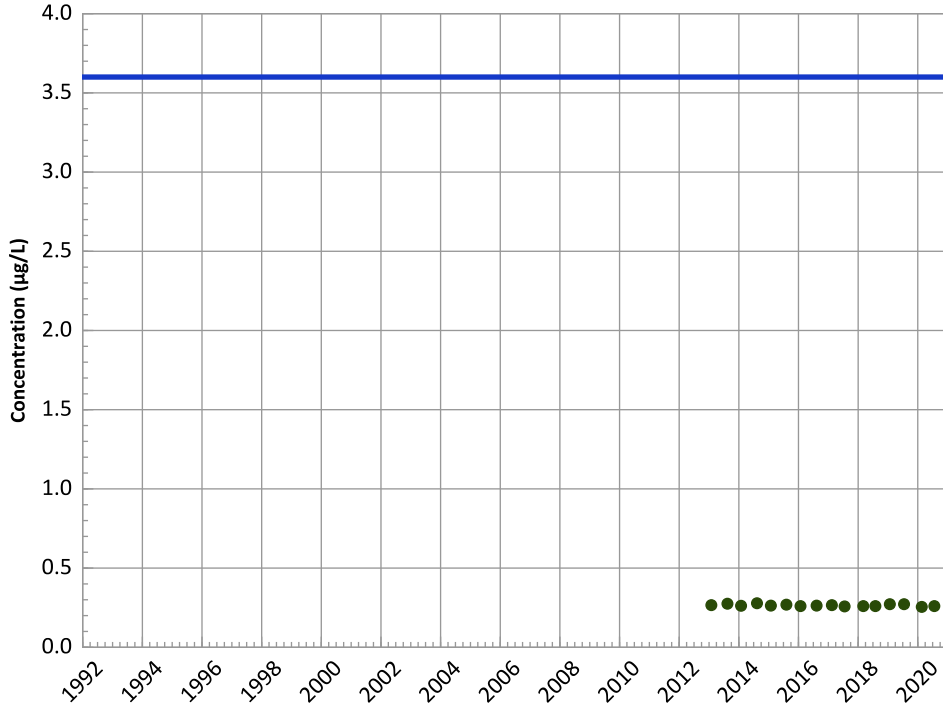
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

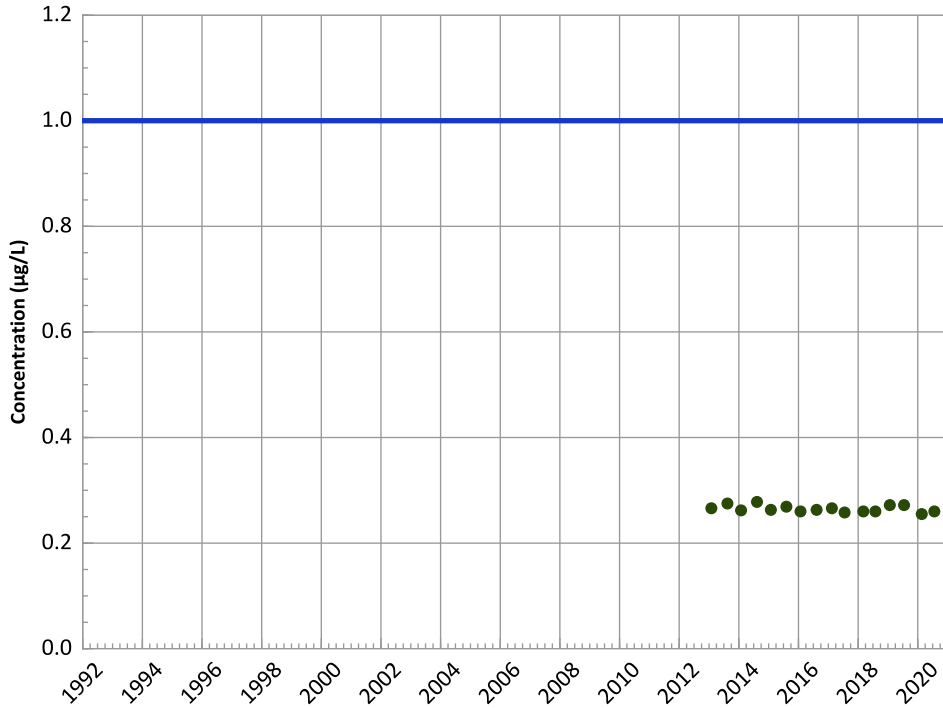
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

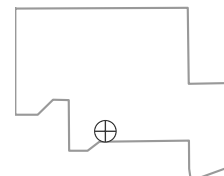
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

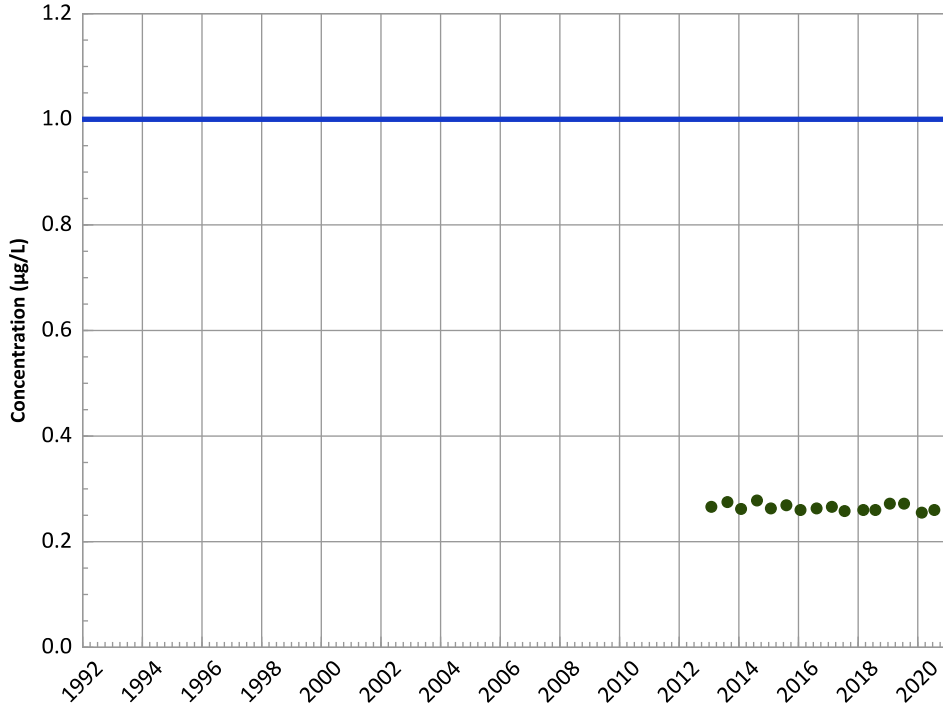
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

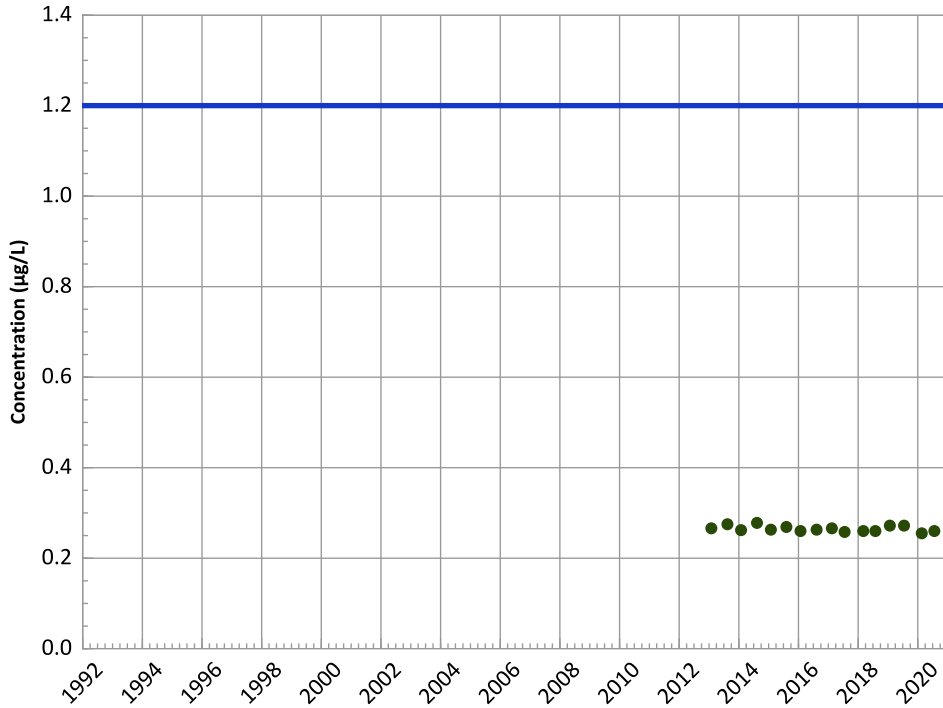
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

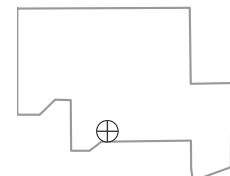
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

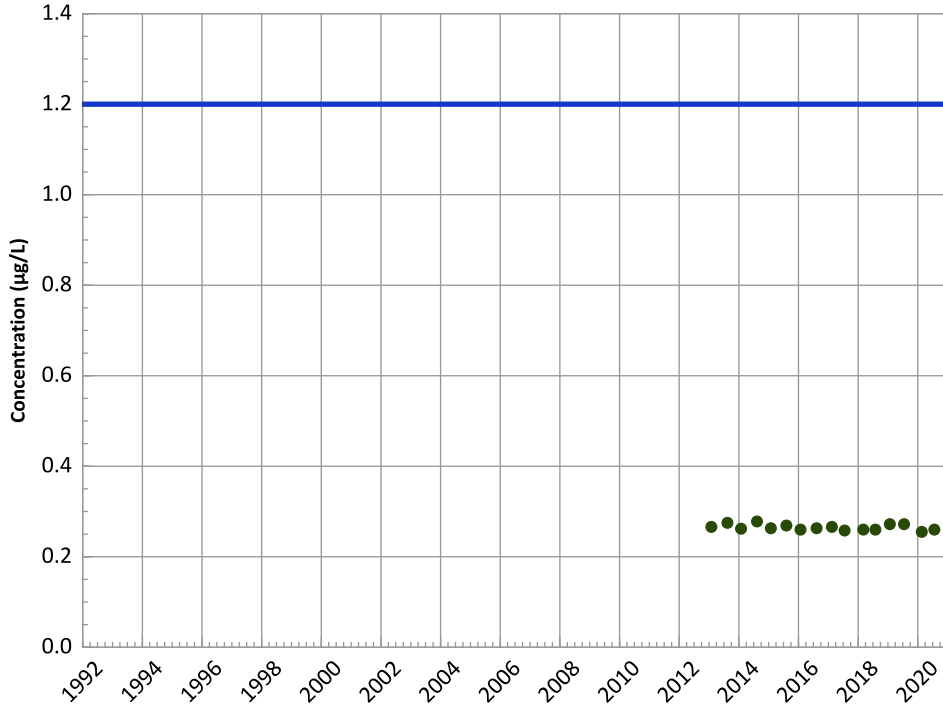


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

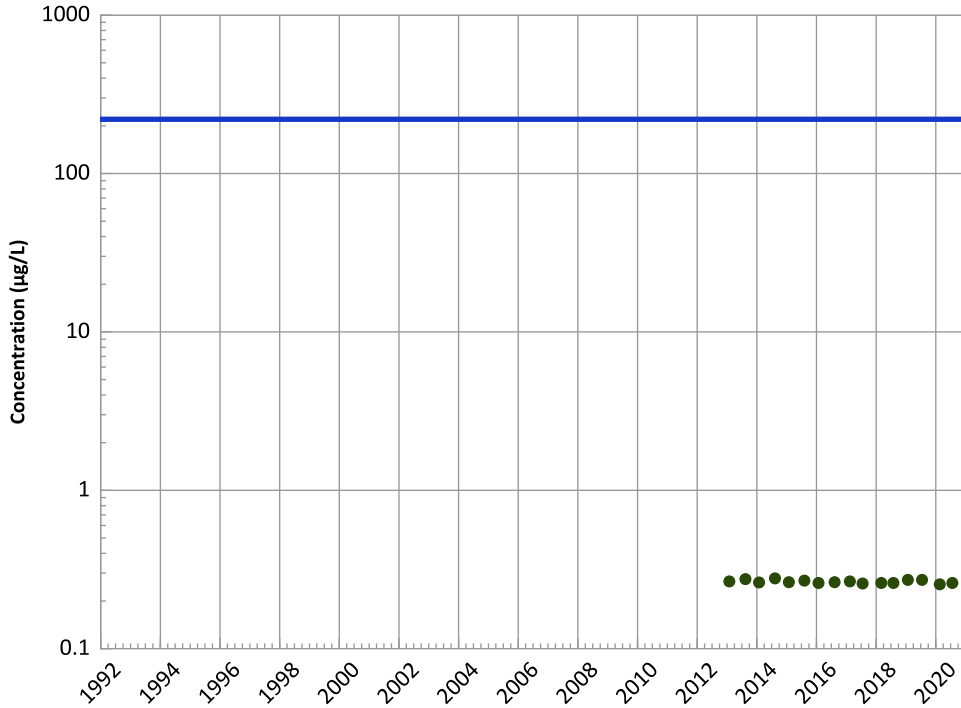
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

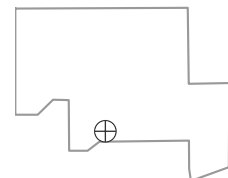
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

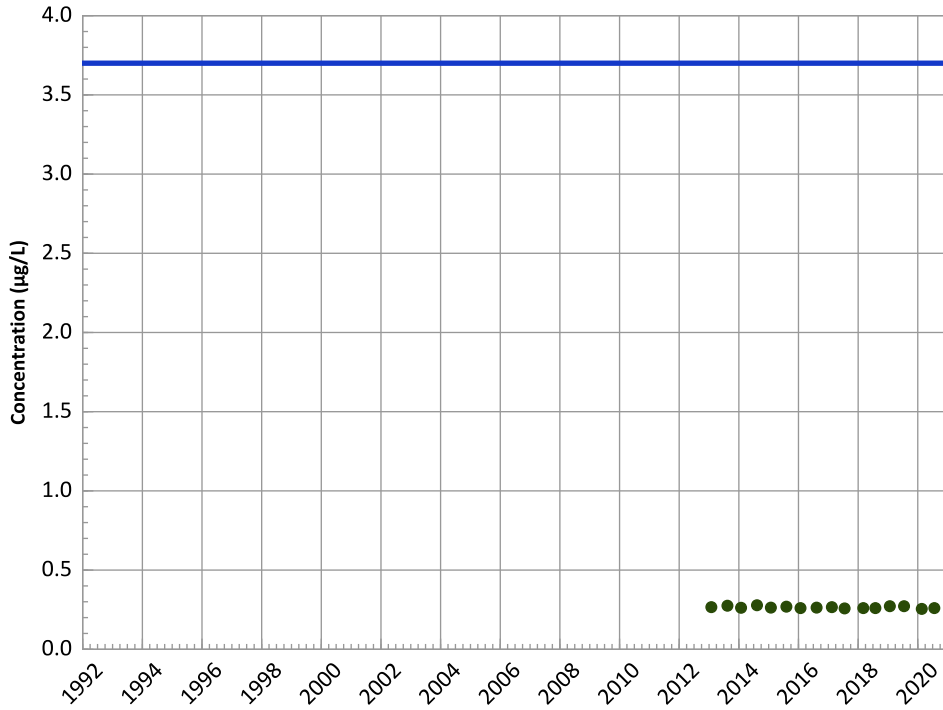
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

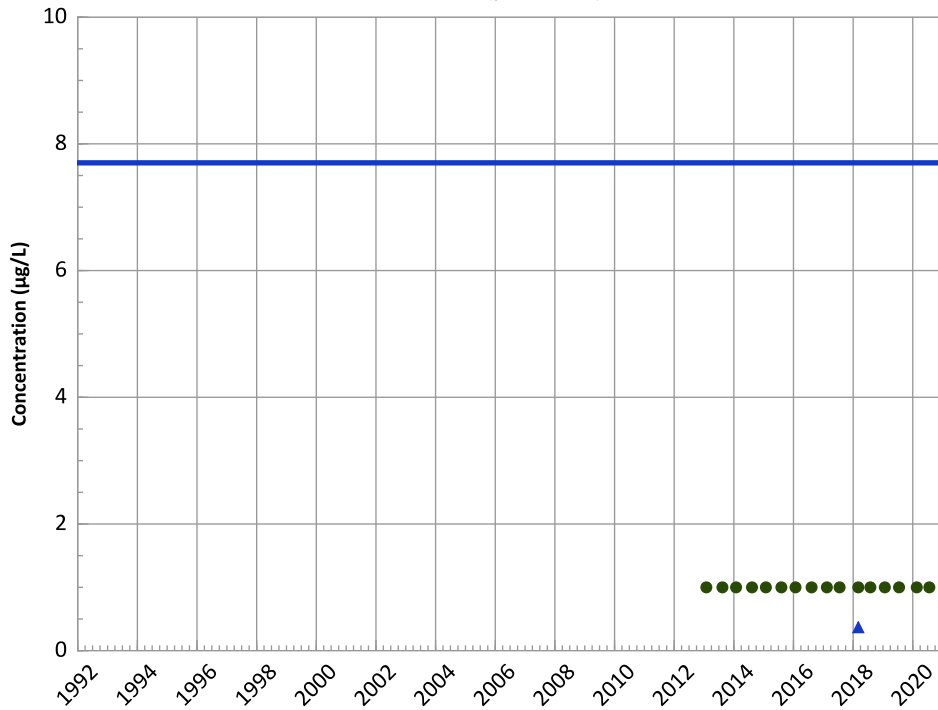
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

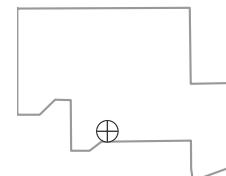
All Data:

N/A (<4 Detections in Dataset)

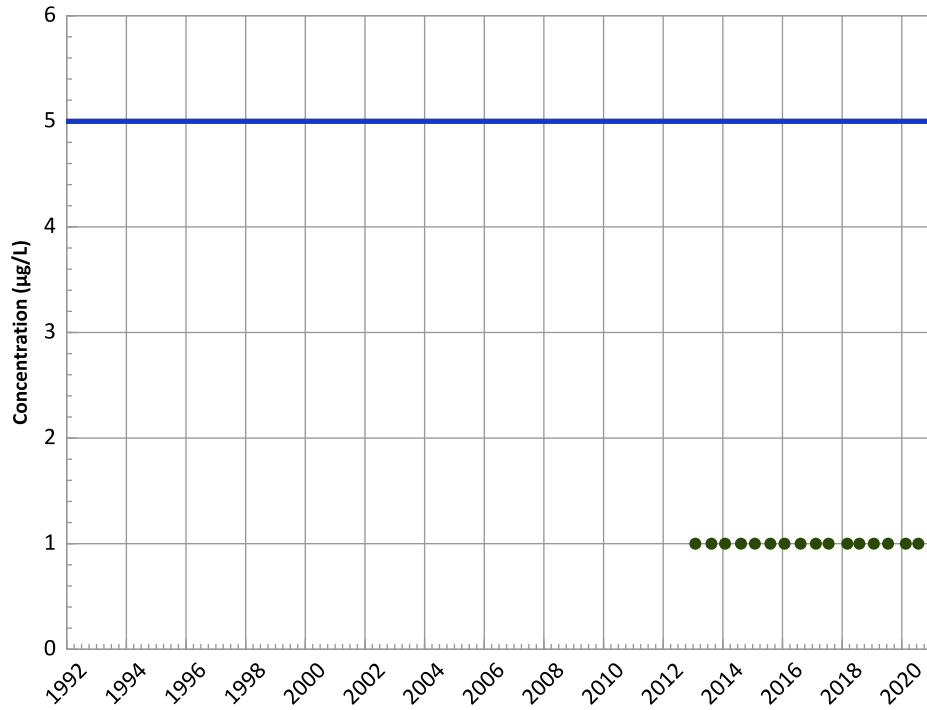
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

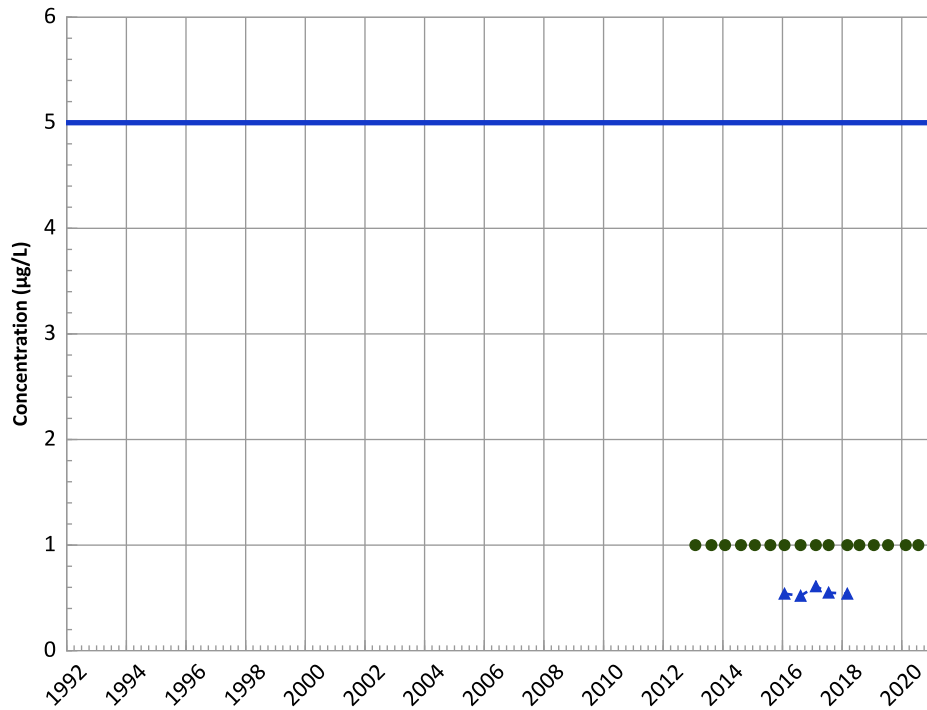
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

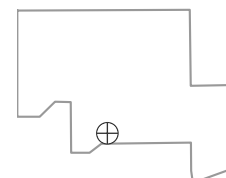
All Data:

No Trend

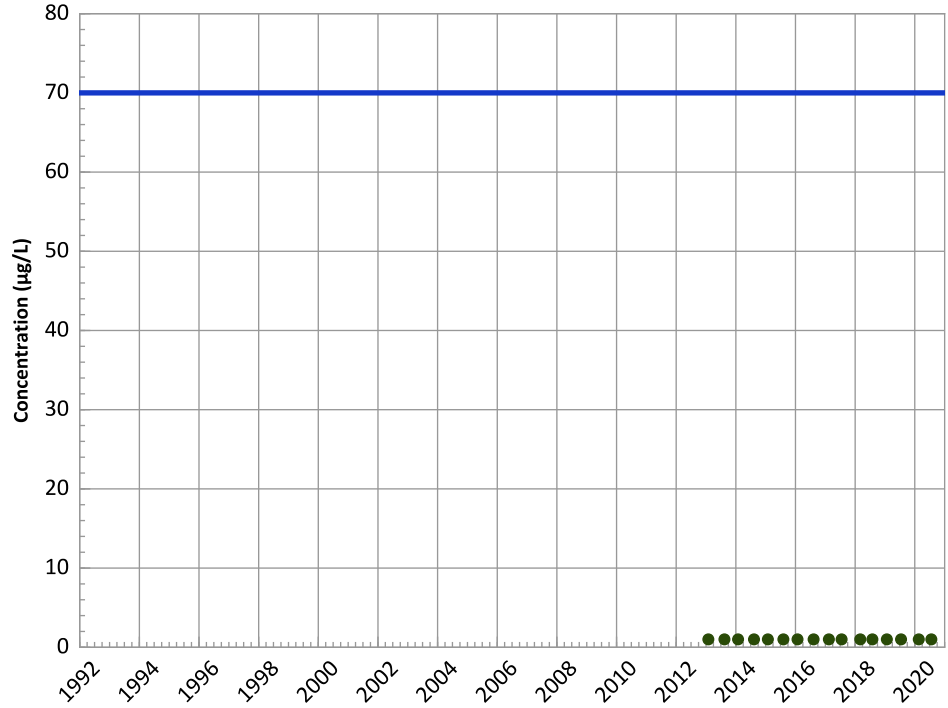
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

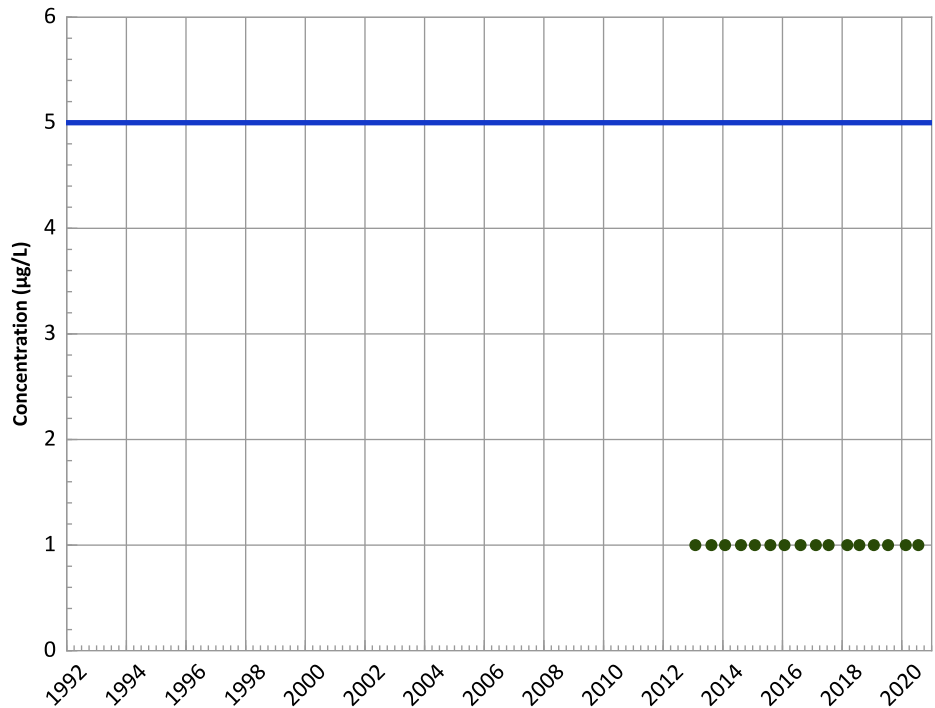
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

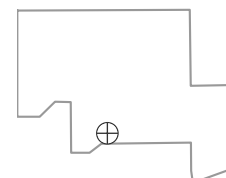
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

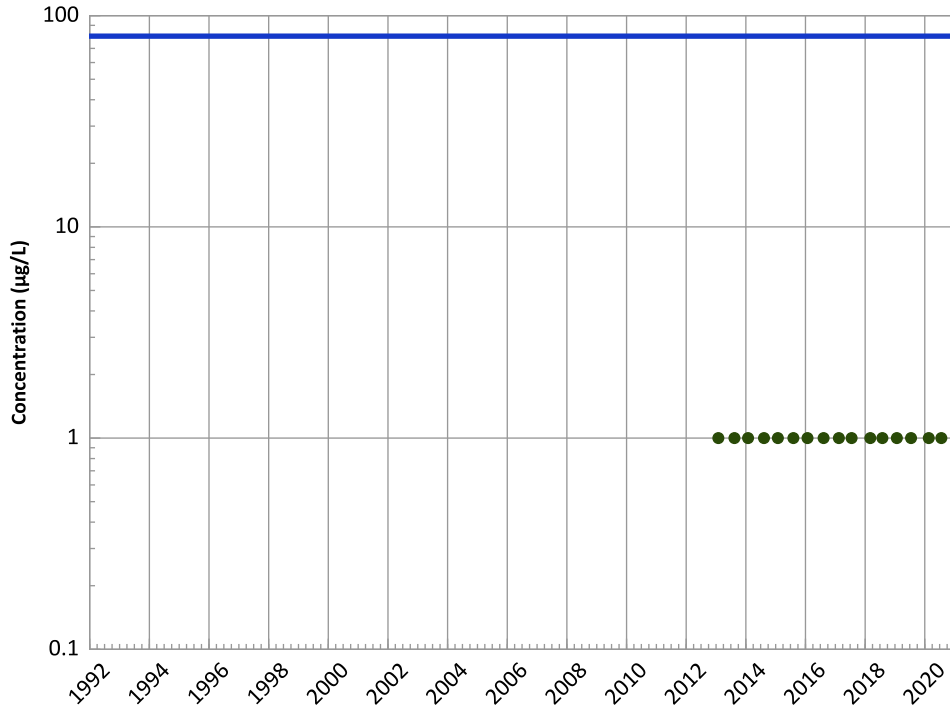
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

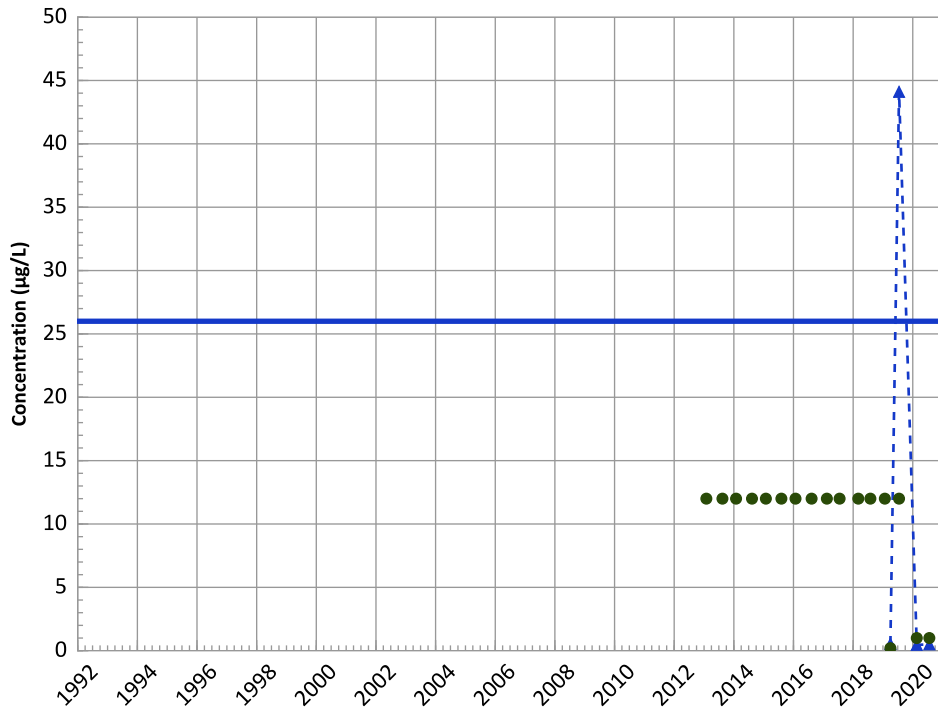


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

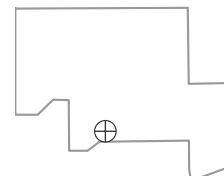
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

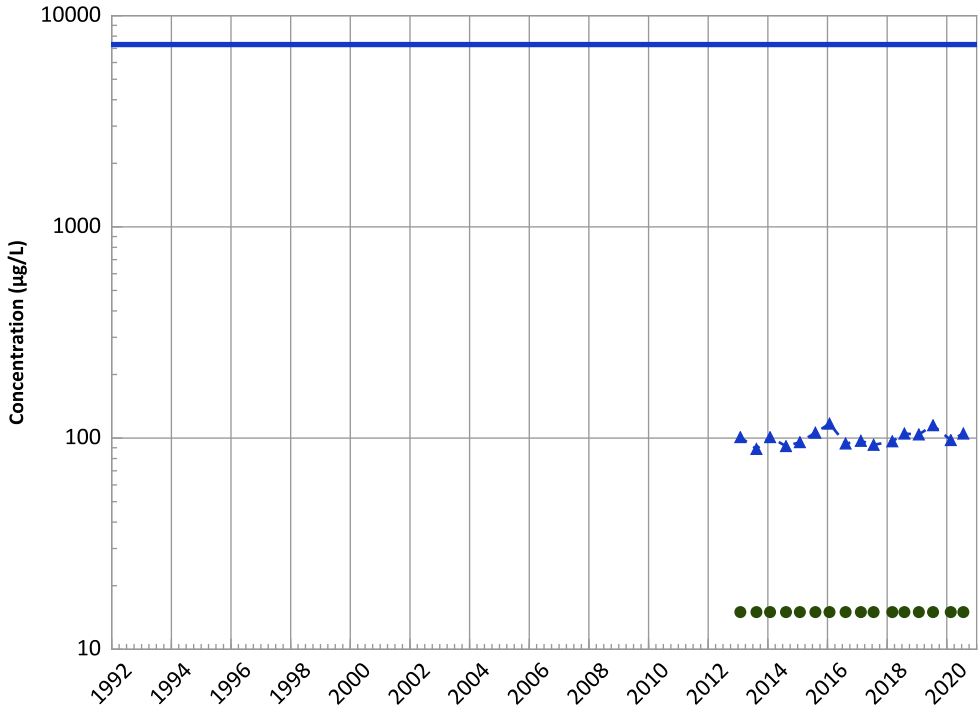
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Stable

All Data:
Probably Increasing

Probably Increasing

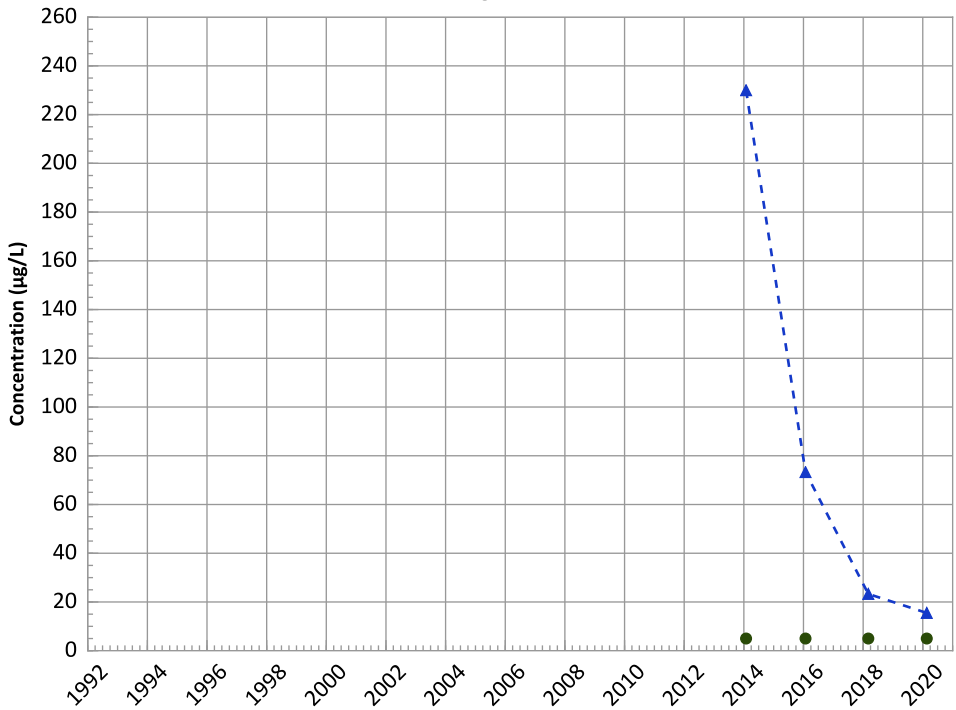
MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Probably Increasing

Probably Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

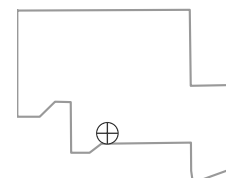
All Data:
Decreasing

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

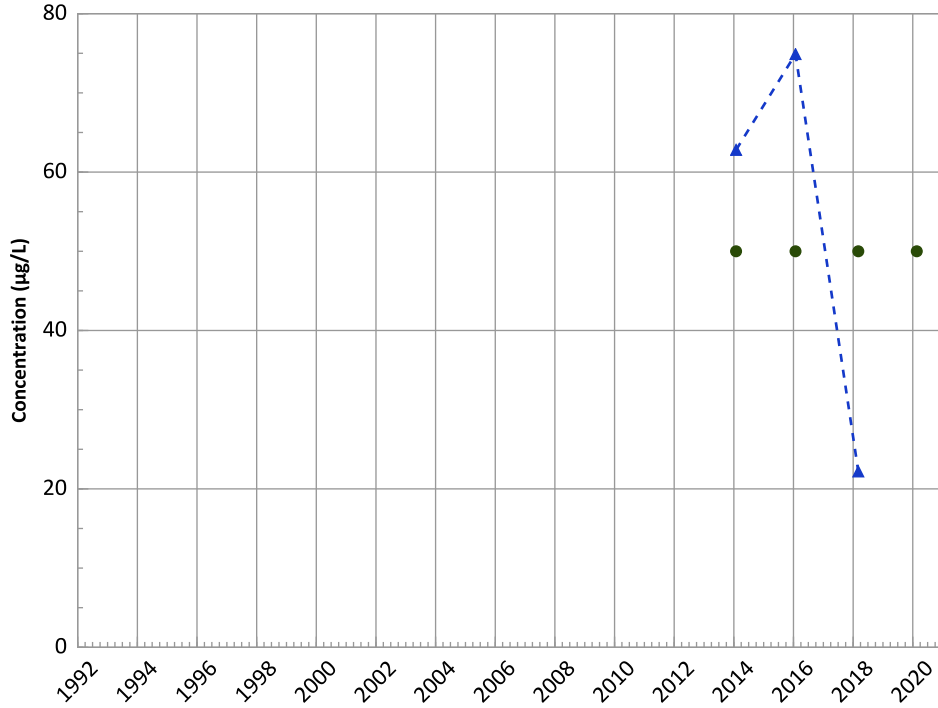
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

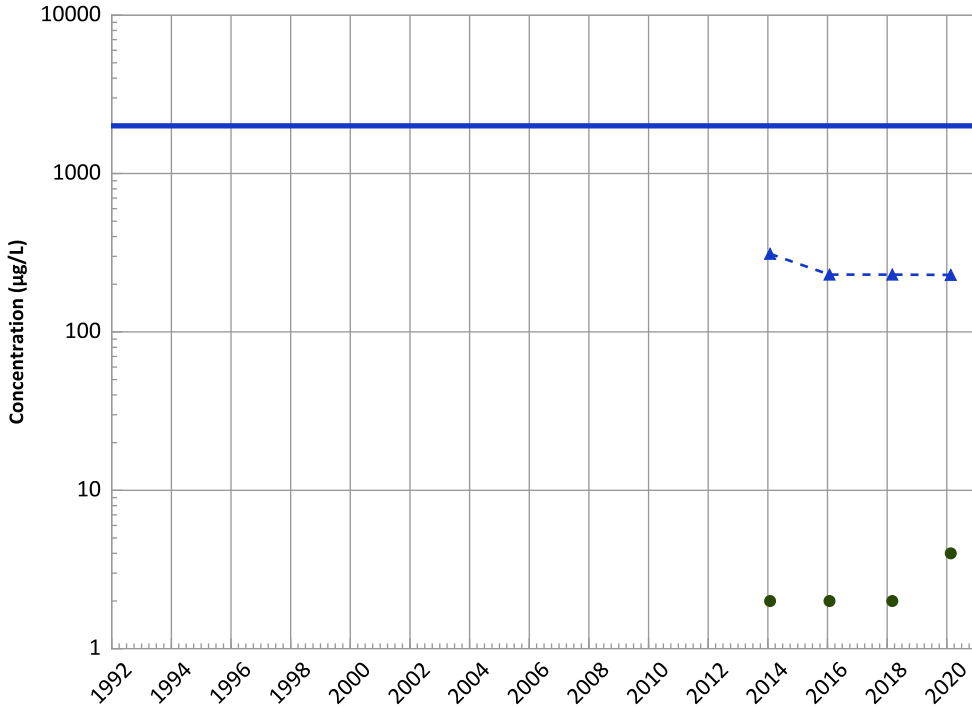
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

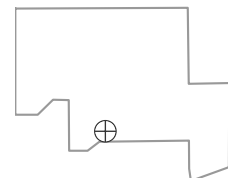
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

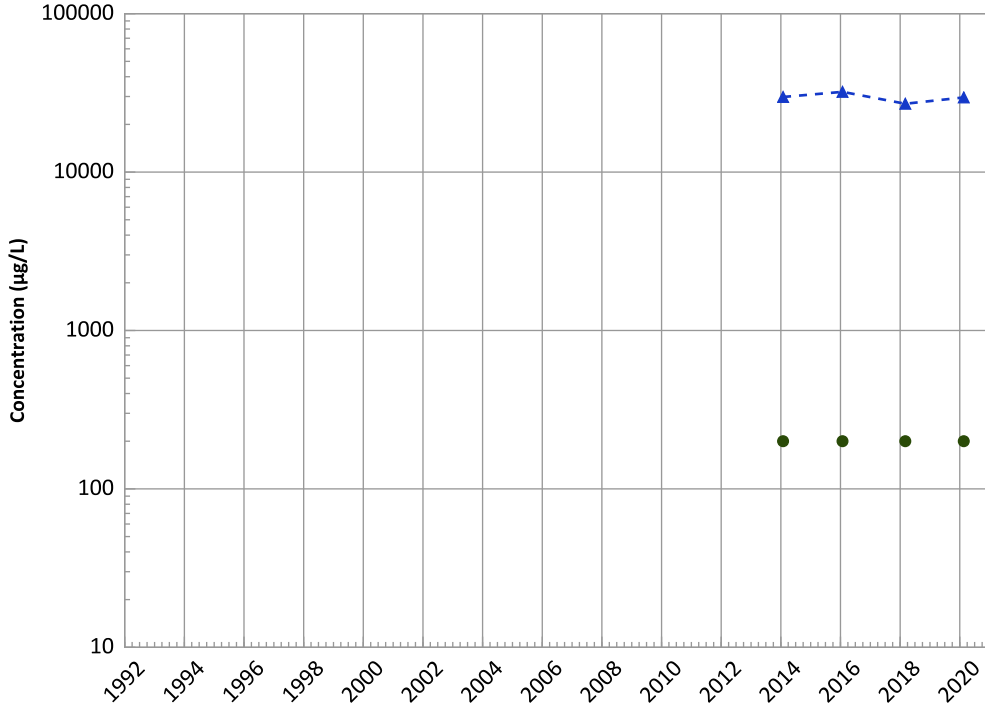
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

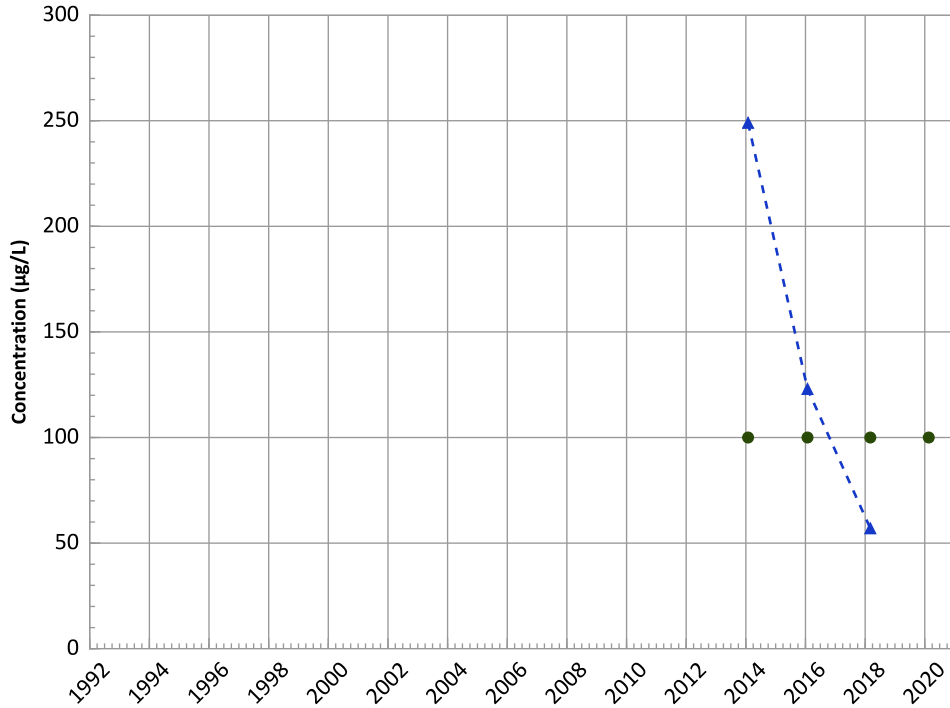
2018 - 2020 Data:

Stable

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

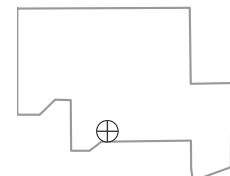
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

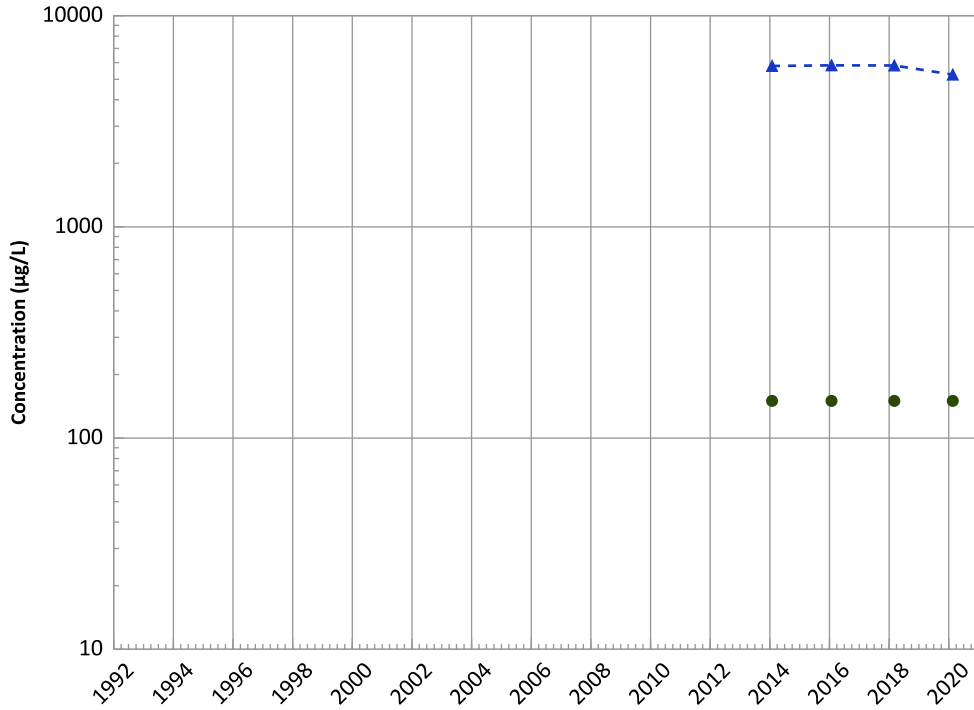


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

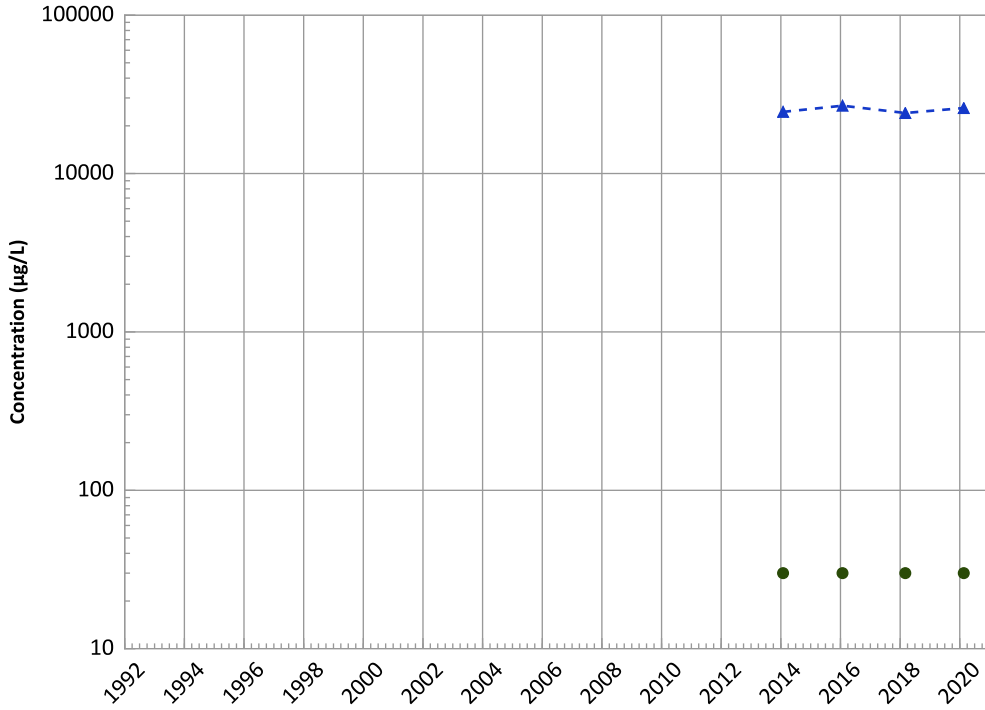
2018 - 2020 Data:

Stable

All Data:

Stable

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Stable

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

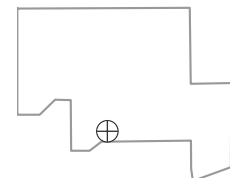
All Data:

Increasing

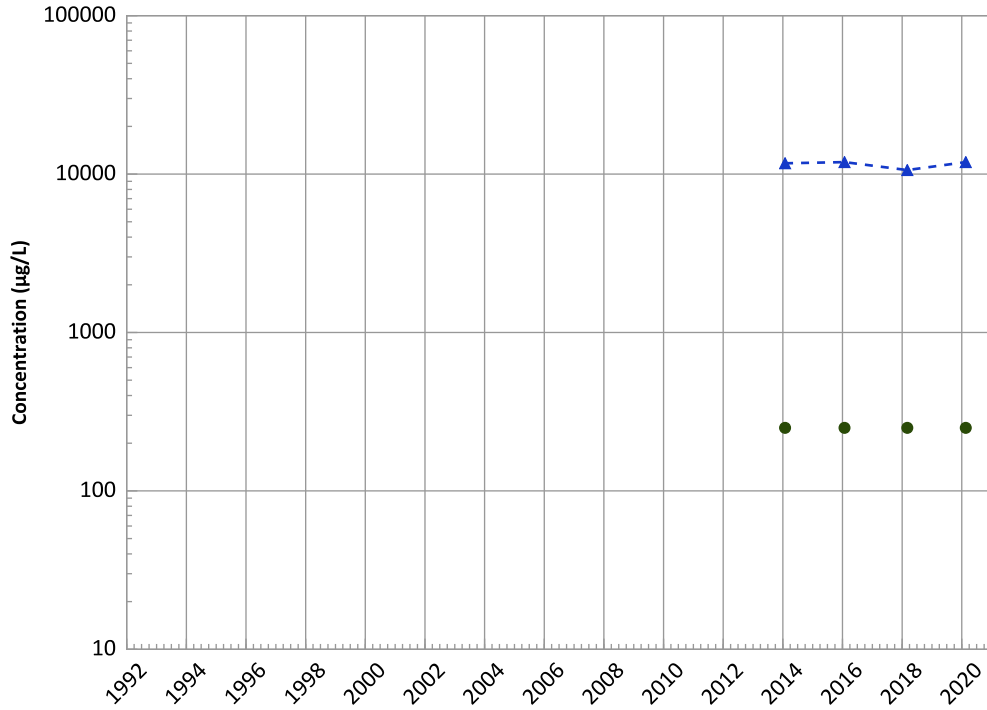
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
Sodium Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

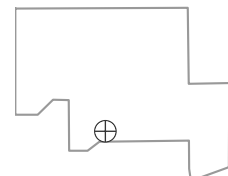
All Data:

Decreasing

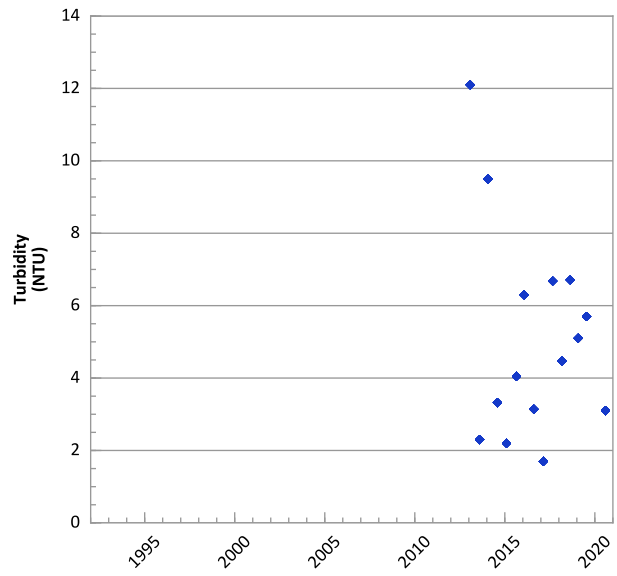
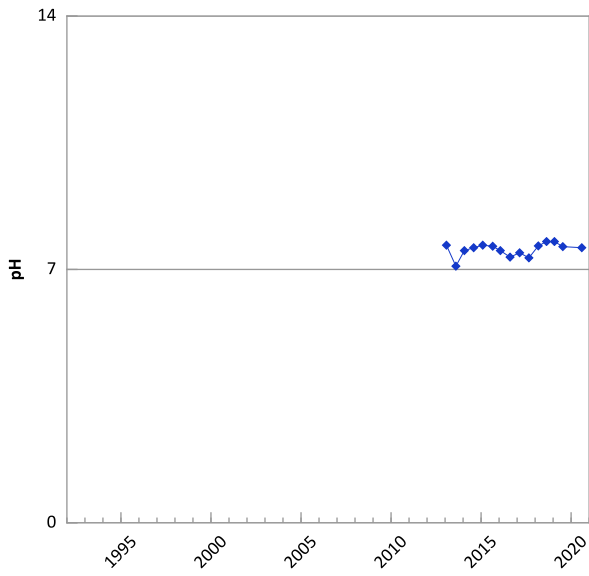
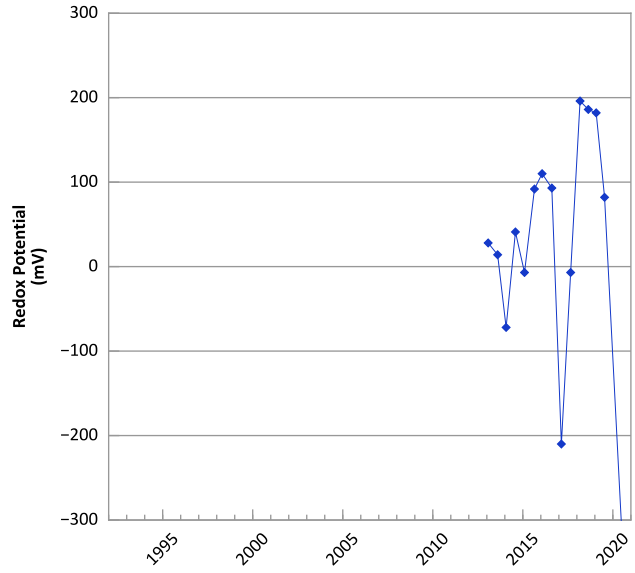
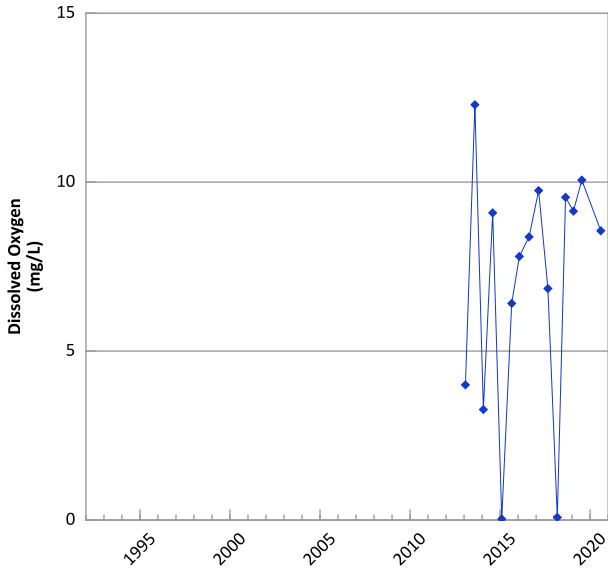
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/29/2013 to 07/22/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

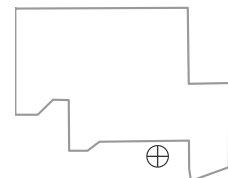


**PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



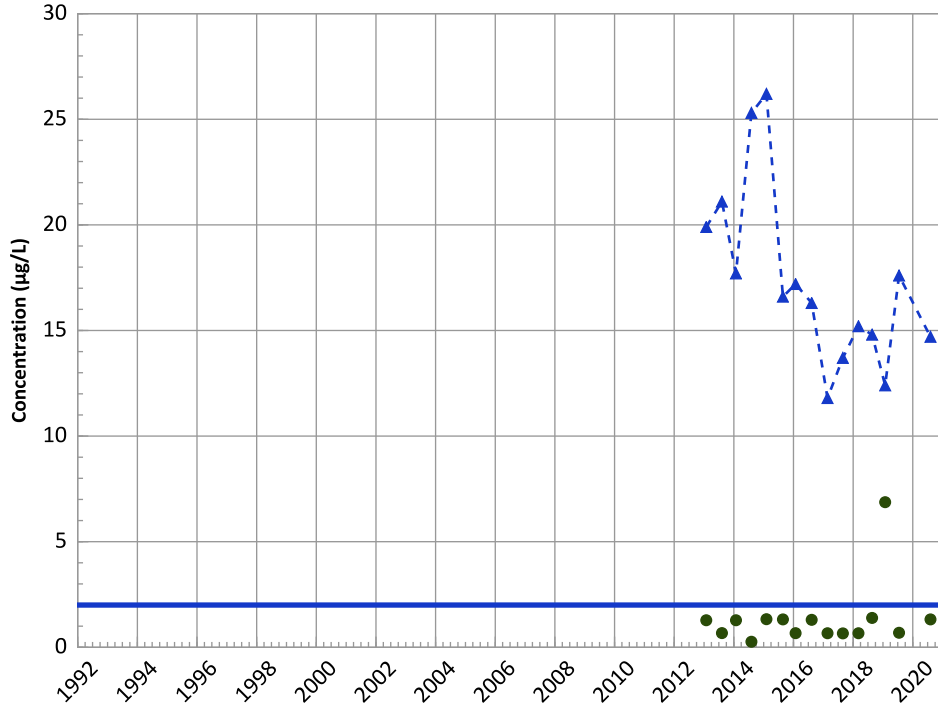
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/28/2013 to 08/05/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

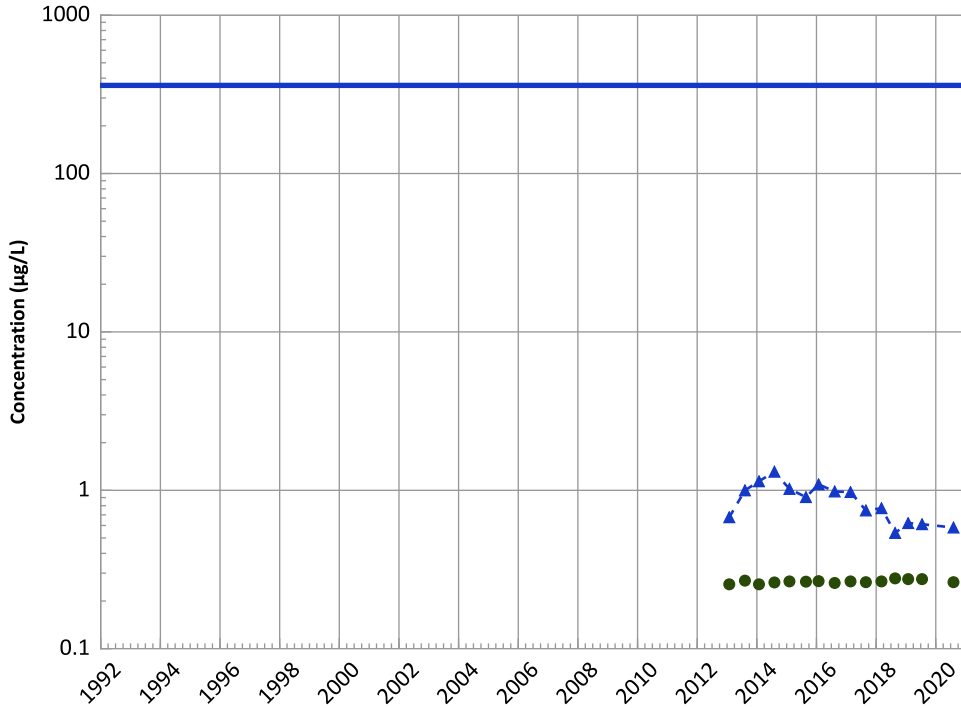
2018 - 2020 Data:

No Trend

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

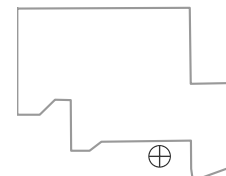
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

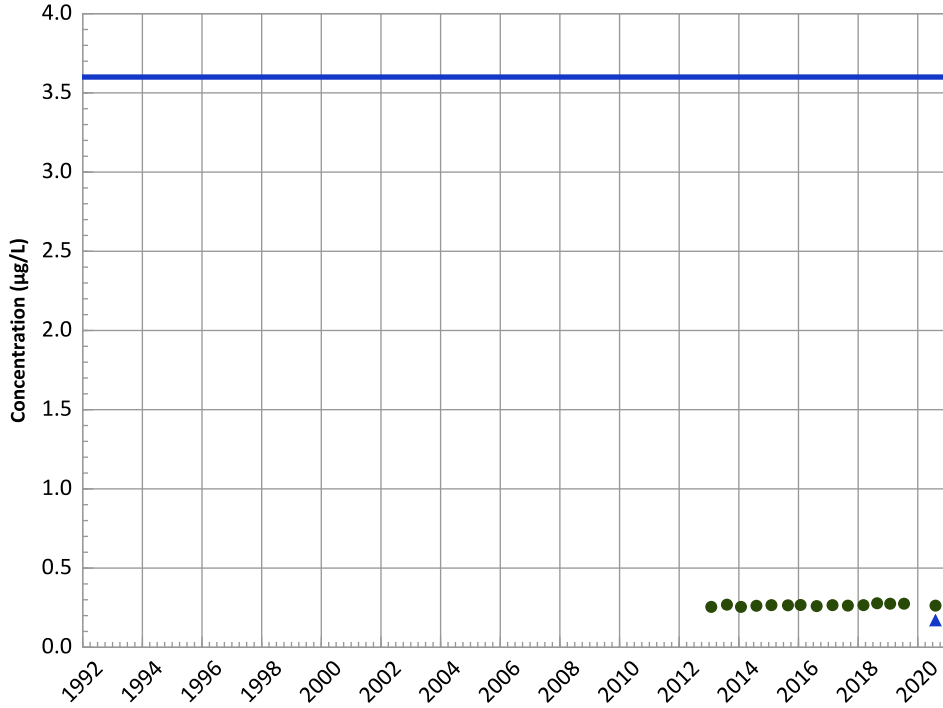
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

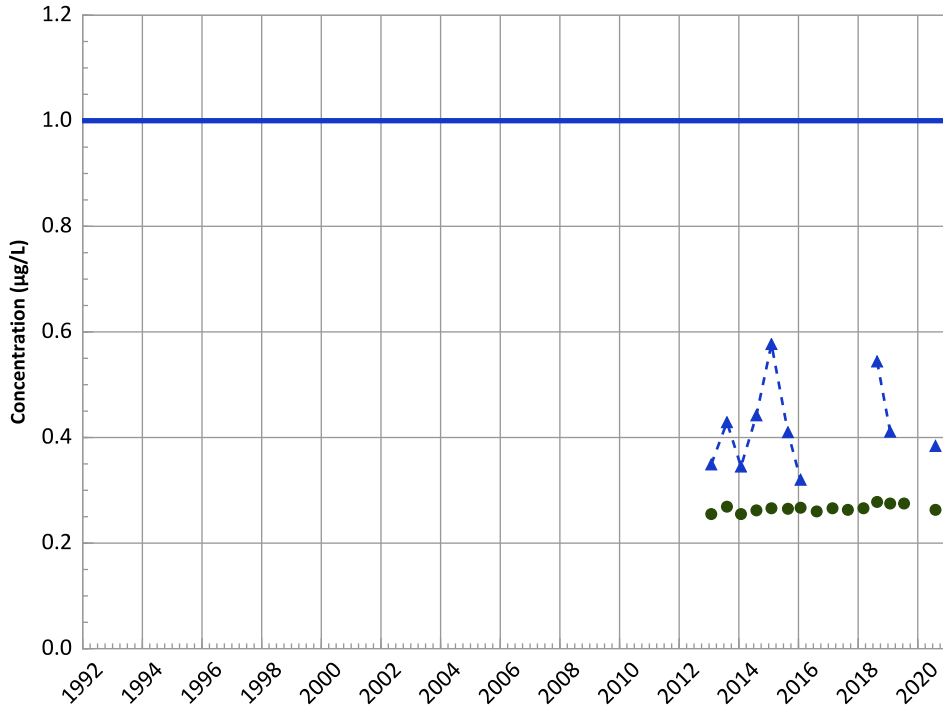


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend

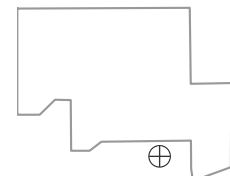


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Well Location

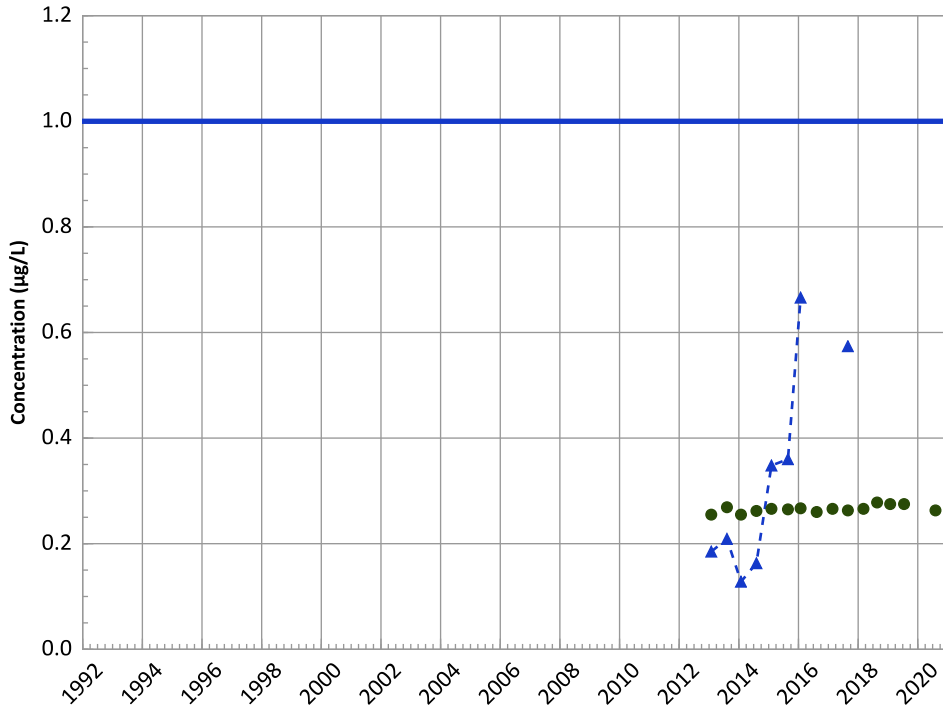


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

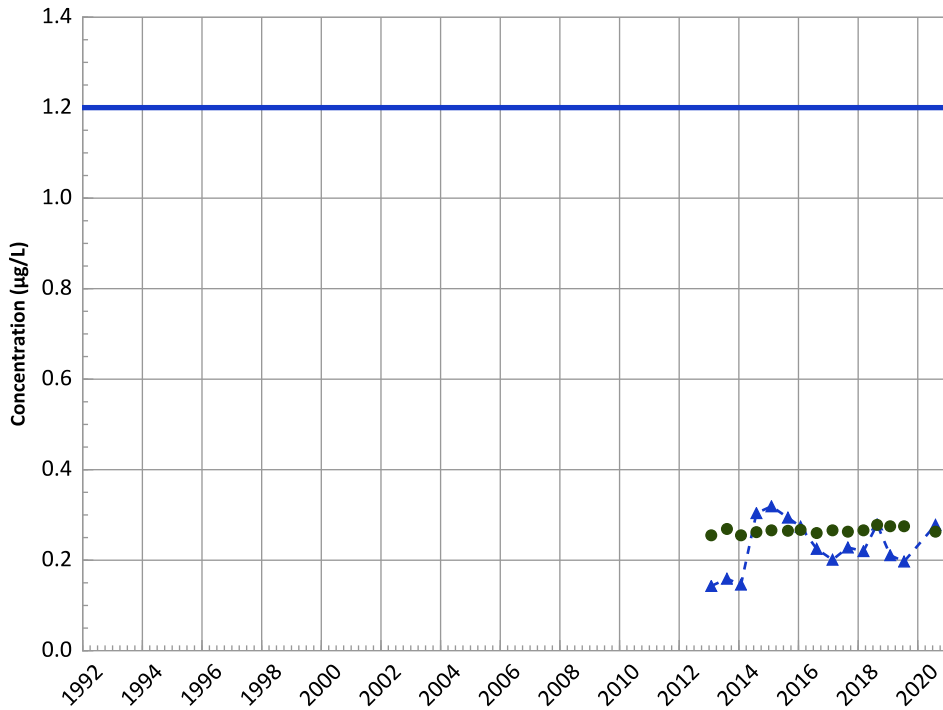
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

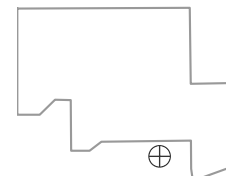
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

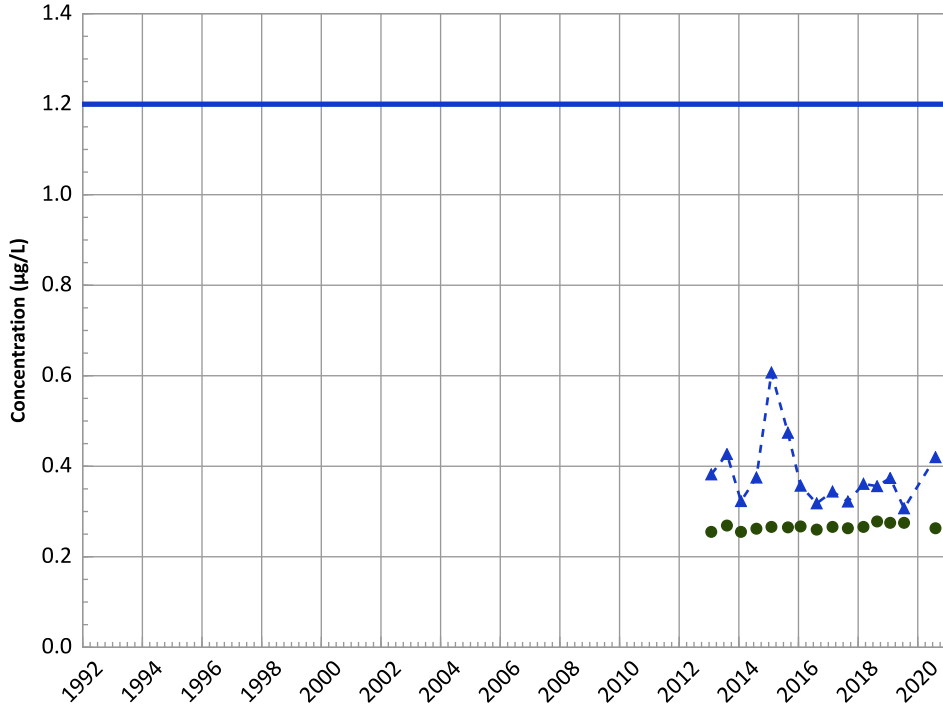


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

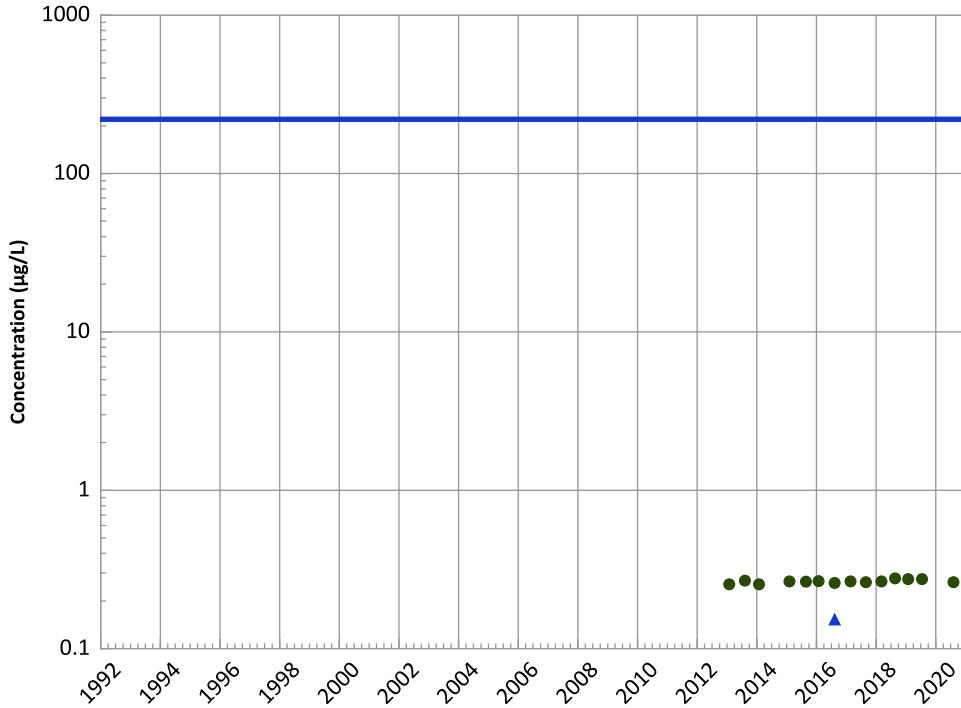
2018 - 2020 Data:

No Trend

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

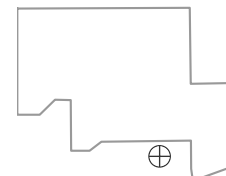
All Data:

N/A (<4 Detections in Dataset)

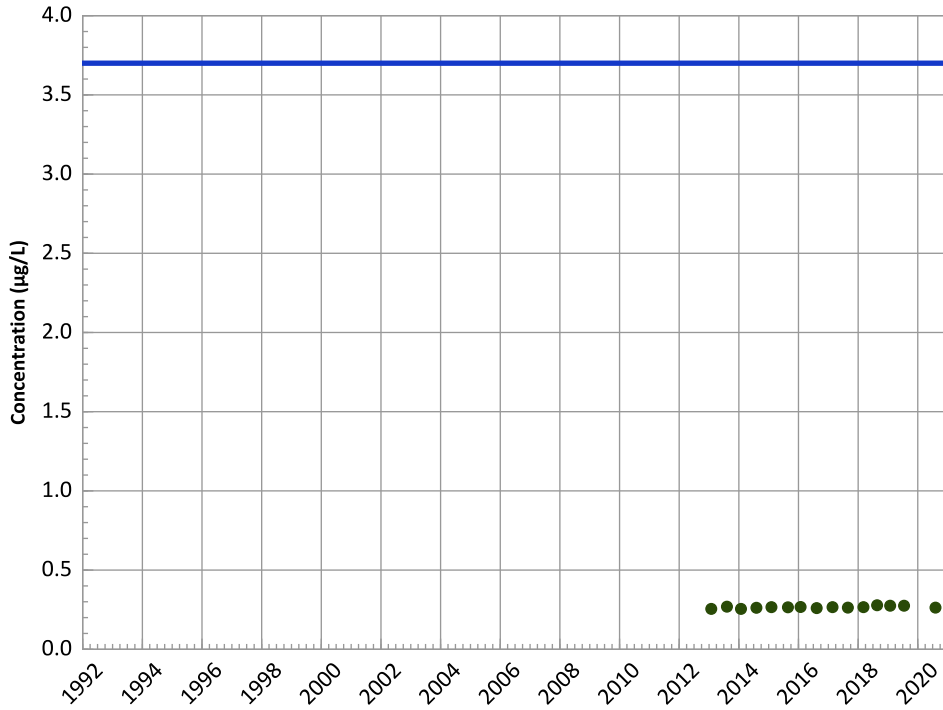
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

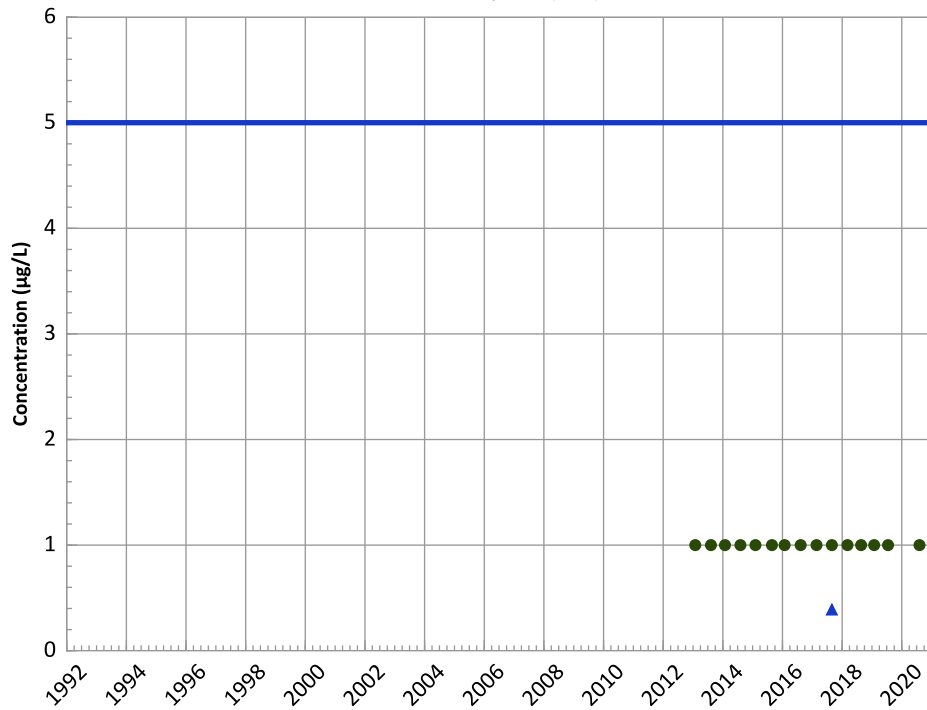
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

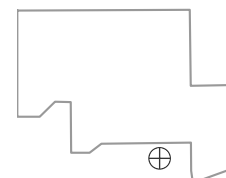
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

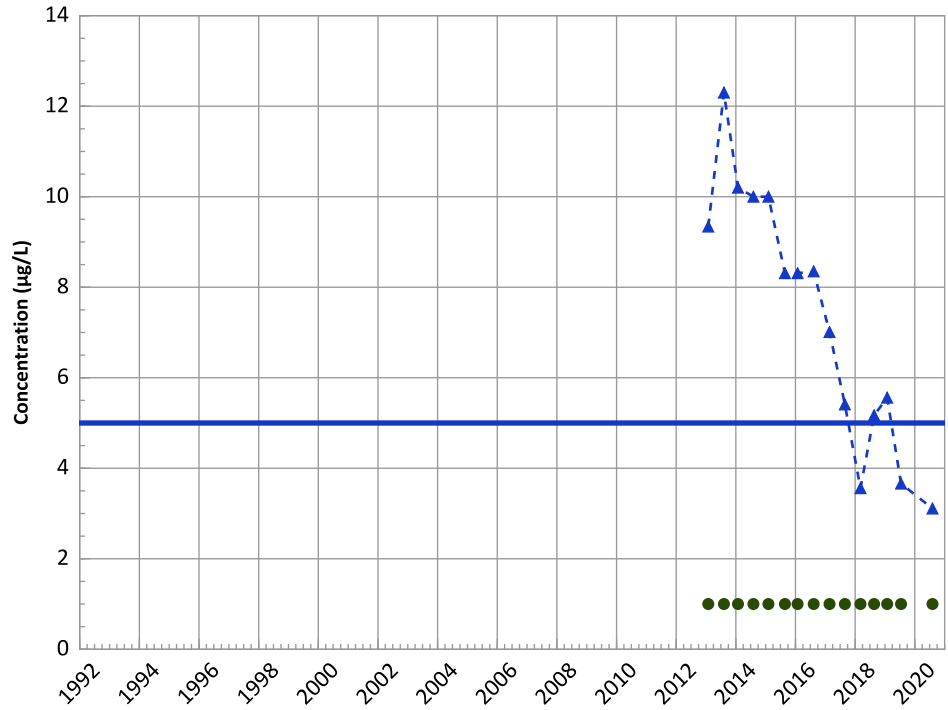


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

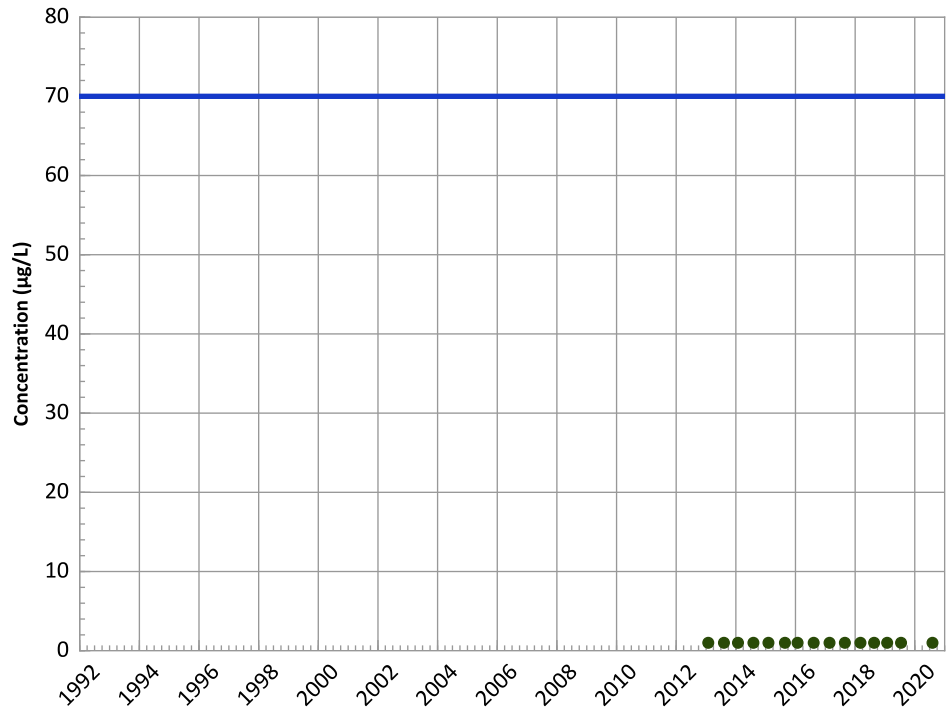
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

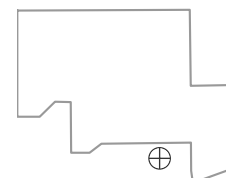
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

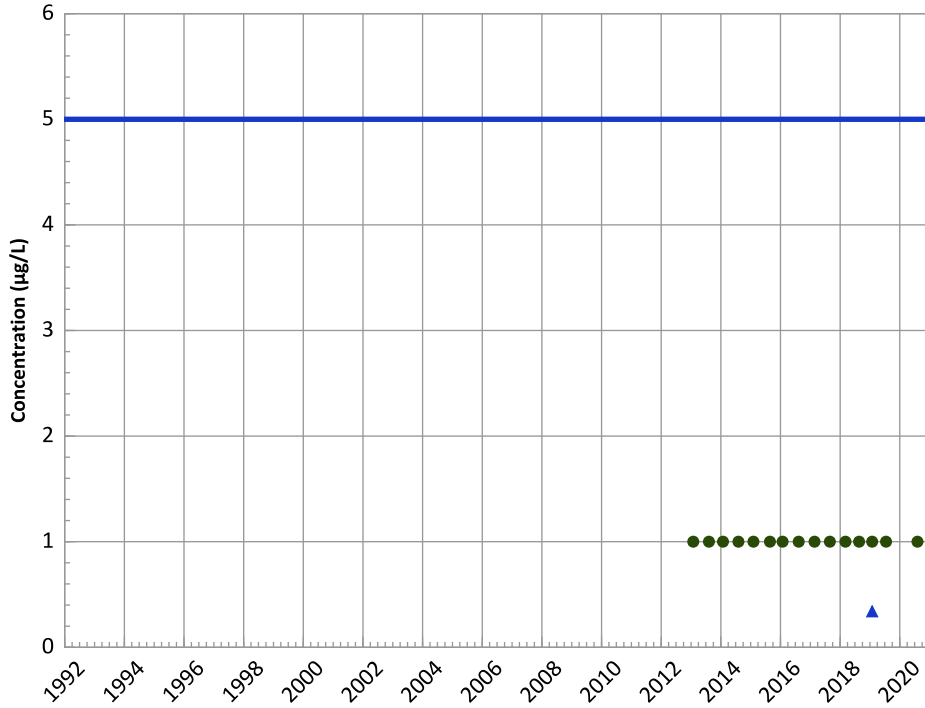
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

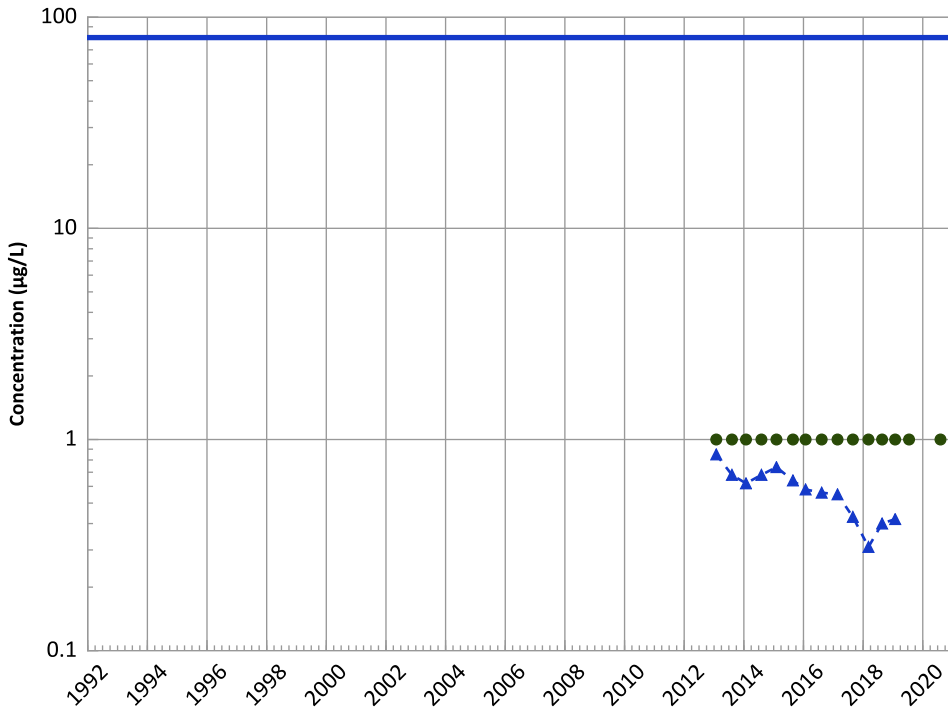


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

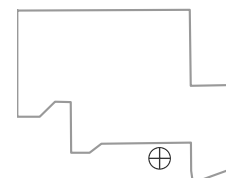


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

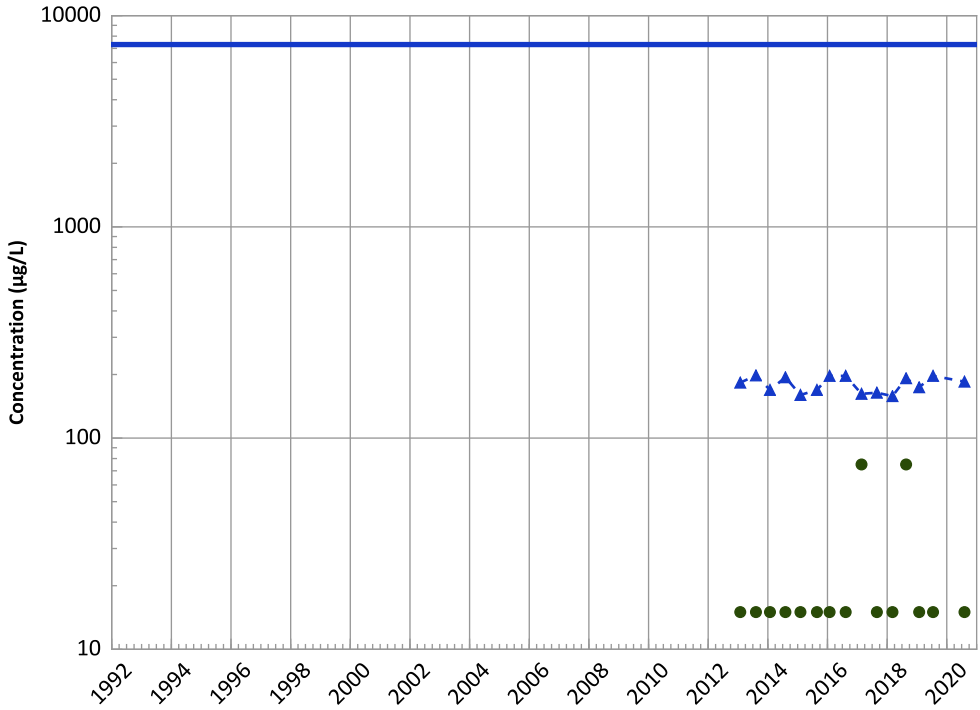
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

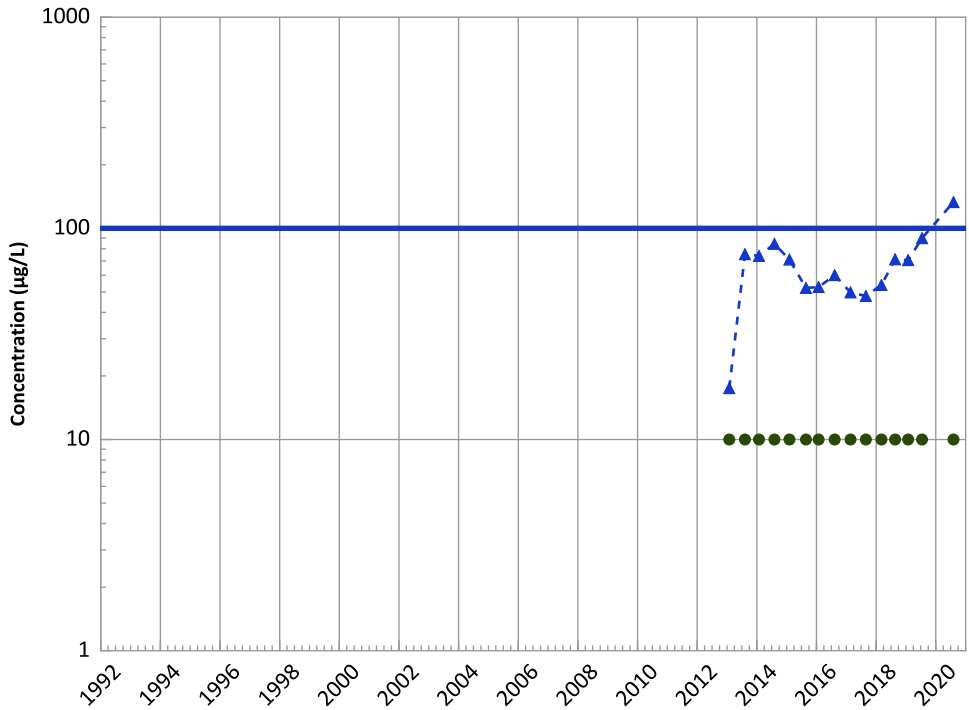
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

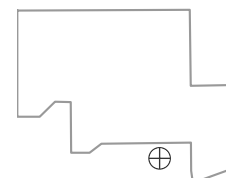
All Data:

Increasing

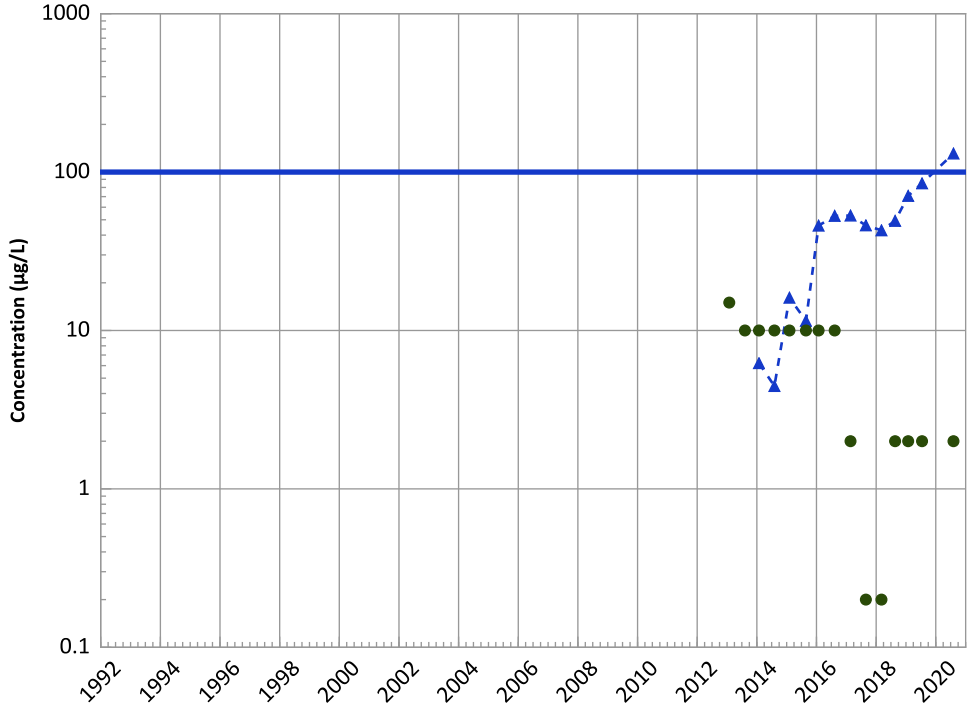
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chromium, Hexavalent Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

Increasing

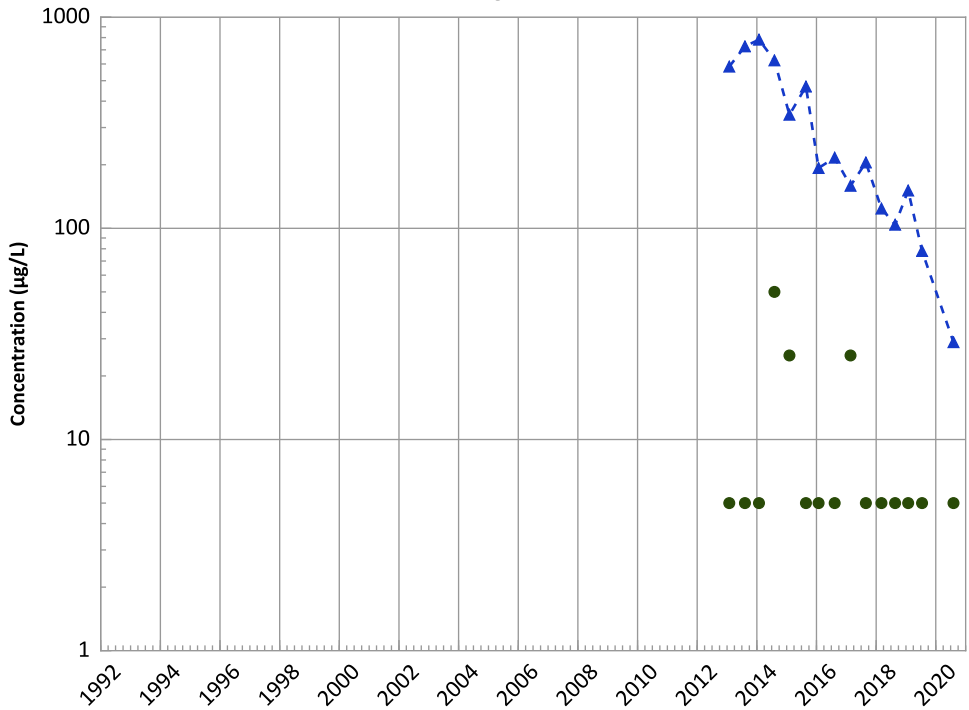
MAROS Linear Regression Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Decreasing

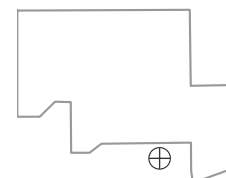
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

Decreasing

Well Location

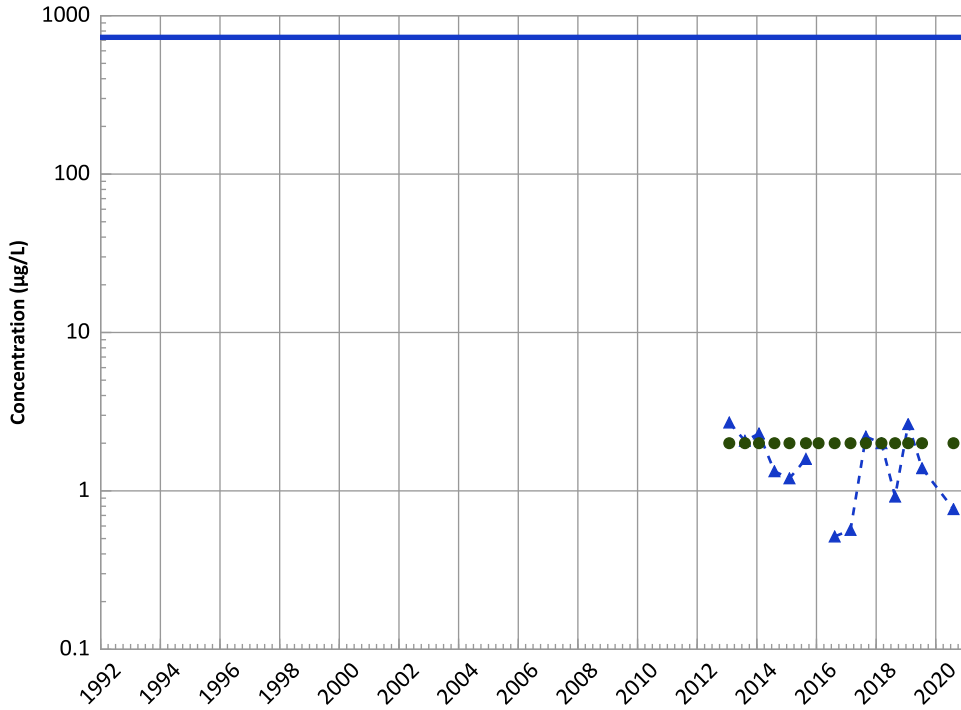


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

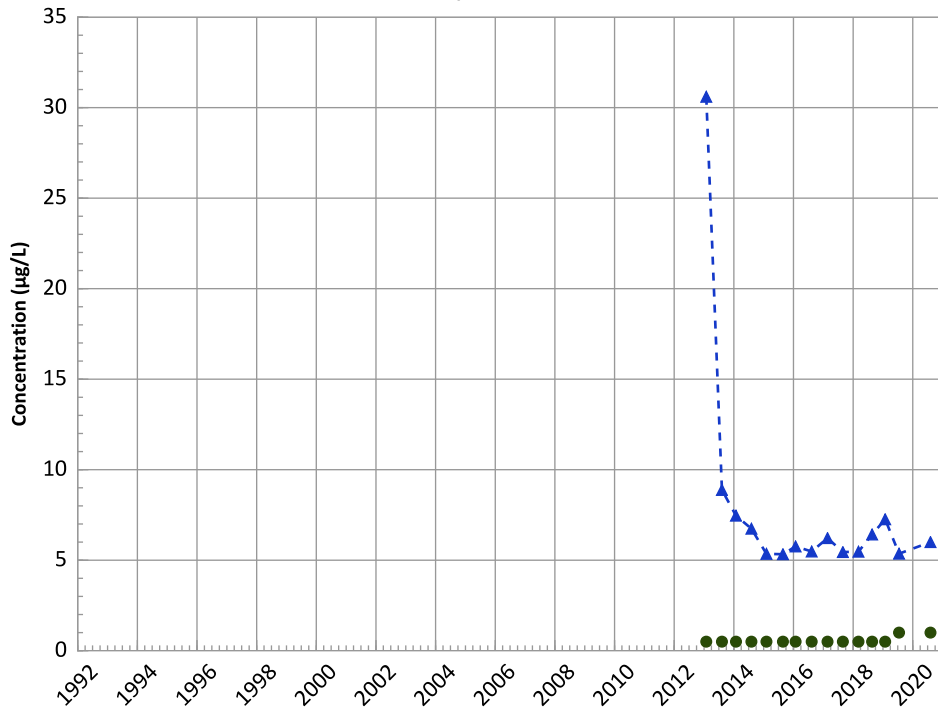
2018 - 2020 Data:

Stable

All Data:

Stable

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

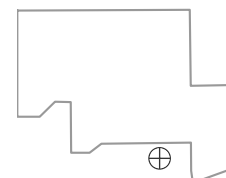
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

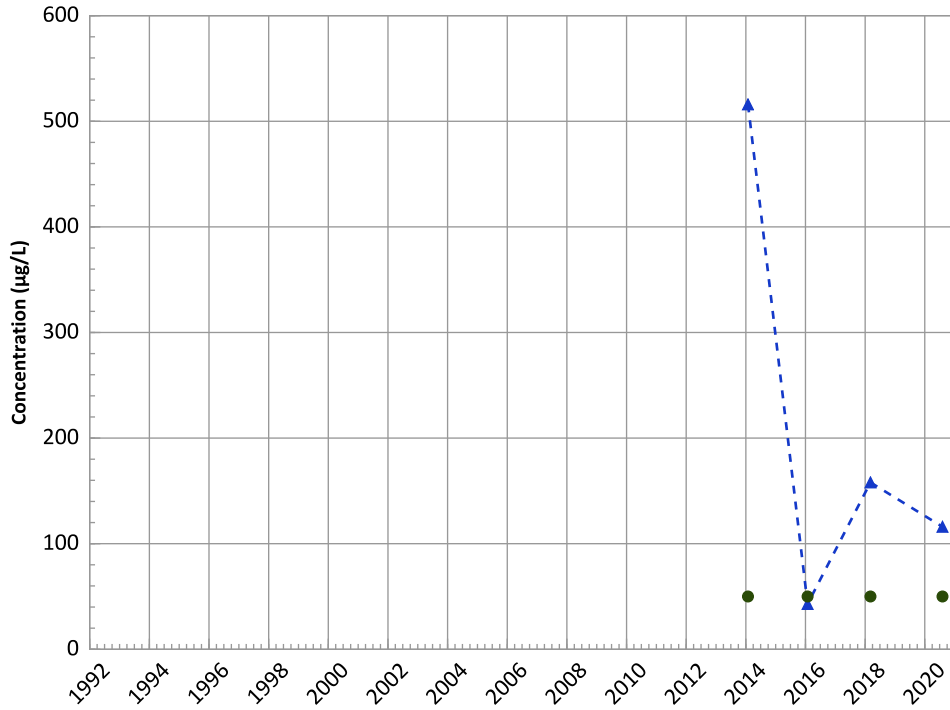
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

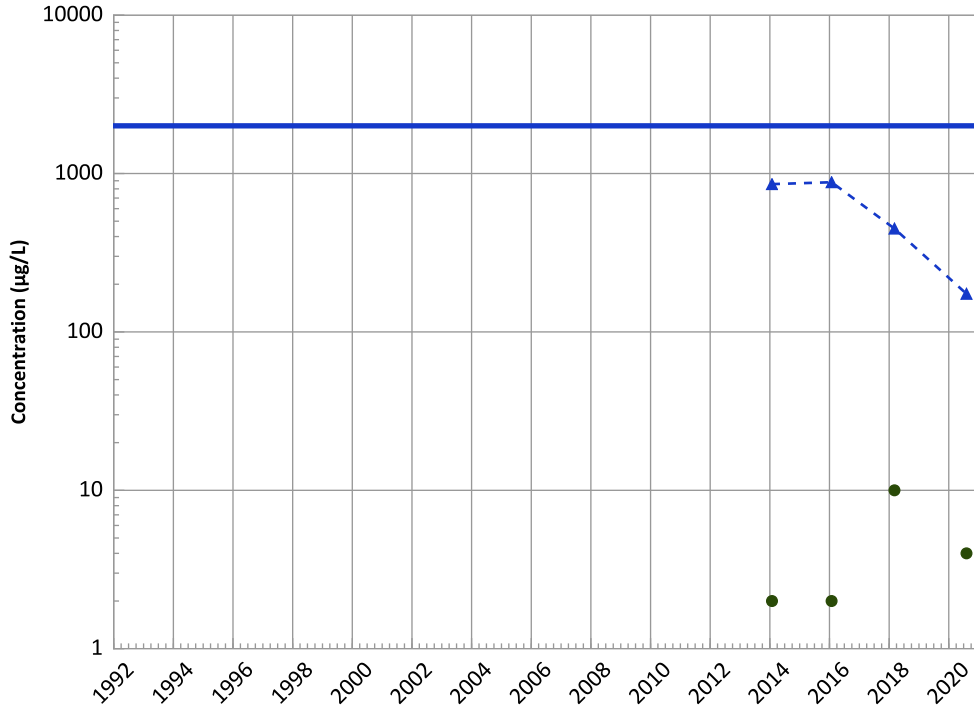
2018 - 2020 Data:

No Trend

All Data:

No Trend

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

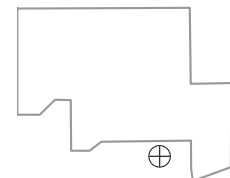
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

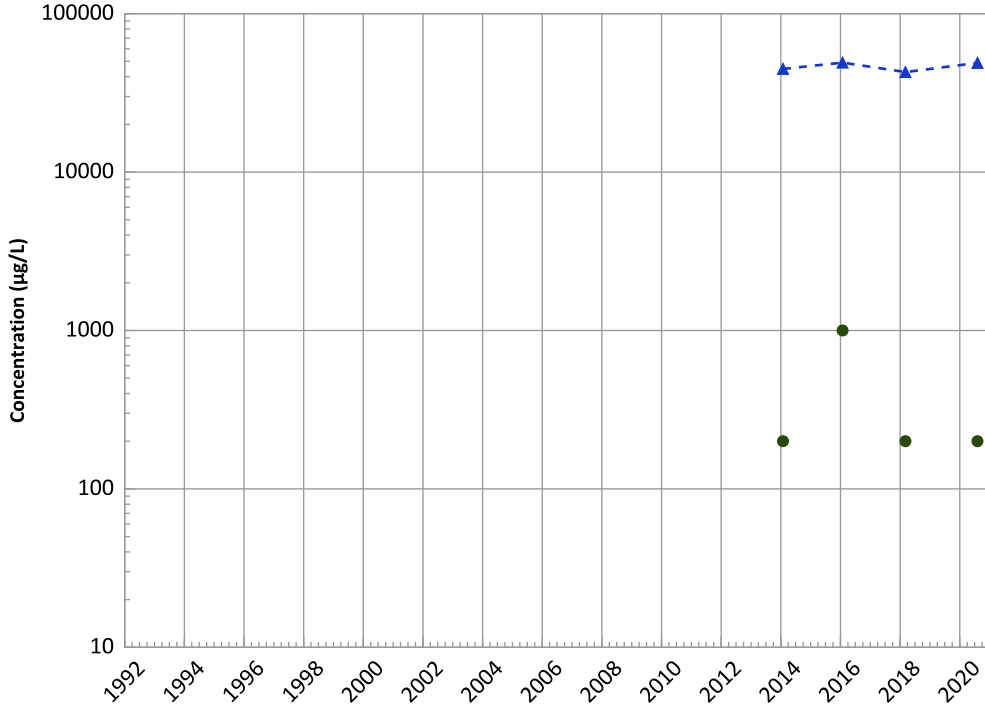
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Stable

MAROS Linear Regression Method

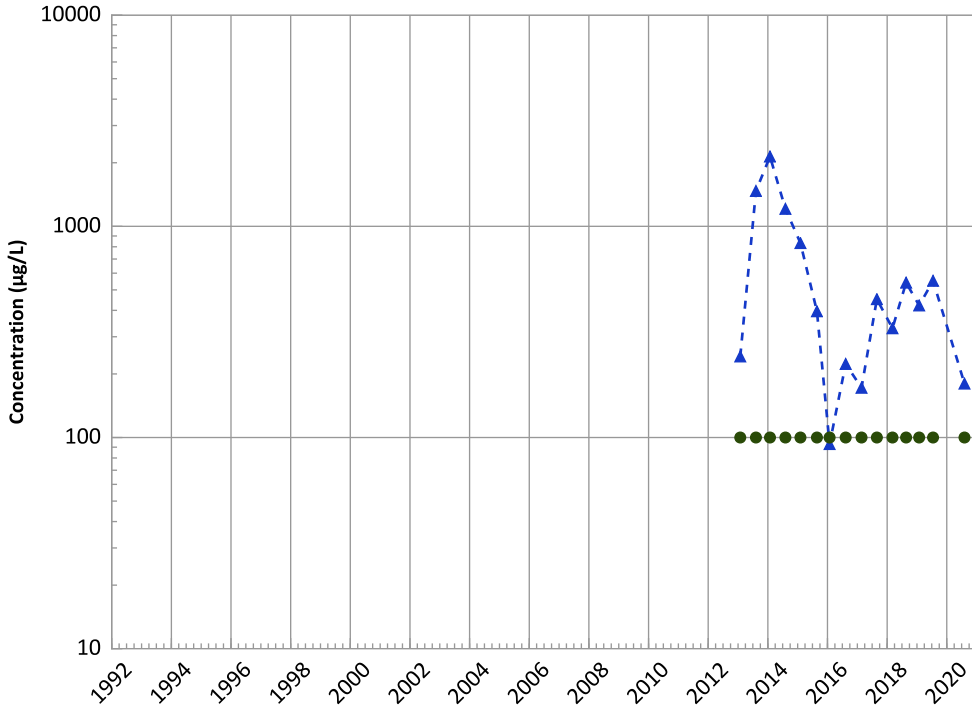
2018 - 2020 Data:

No Trend

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

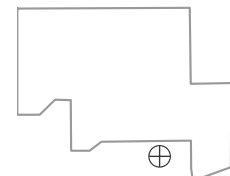
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Well Location

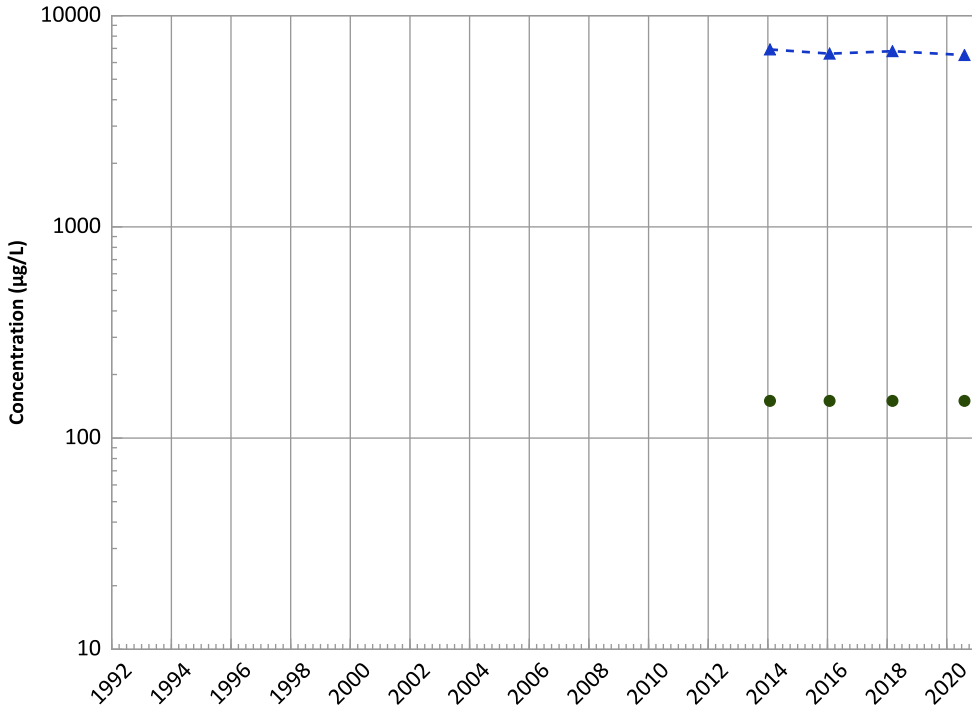


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

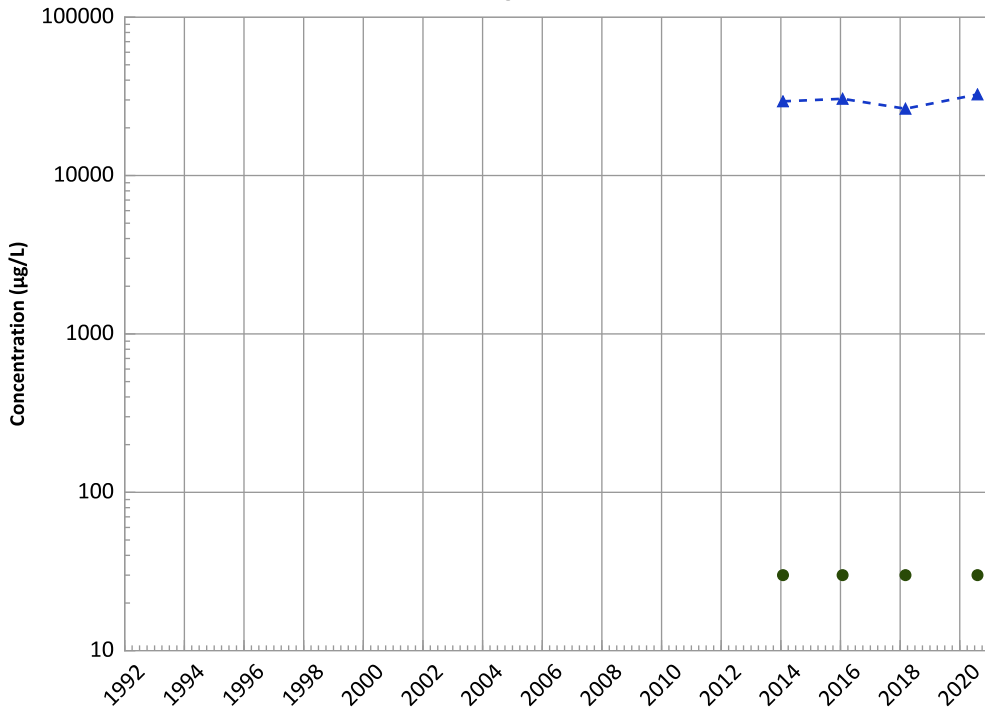
2018 - 2020 Data:

Stable

All Data:

Stable

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

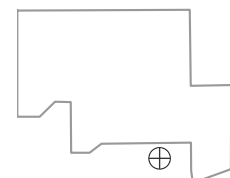
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 01/28/2013 to 08/05/2020

Analysis Date: 06/03/2021

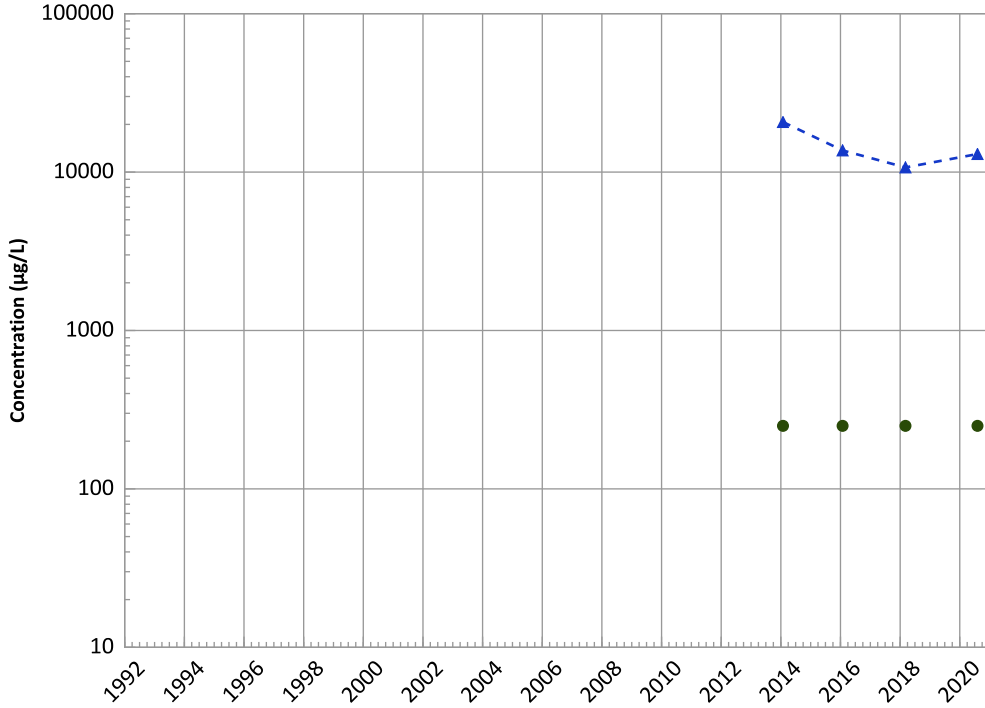
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

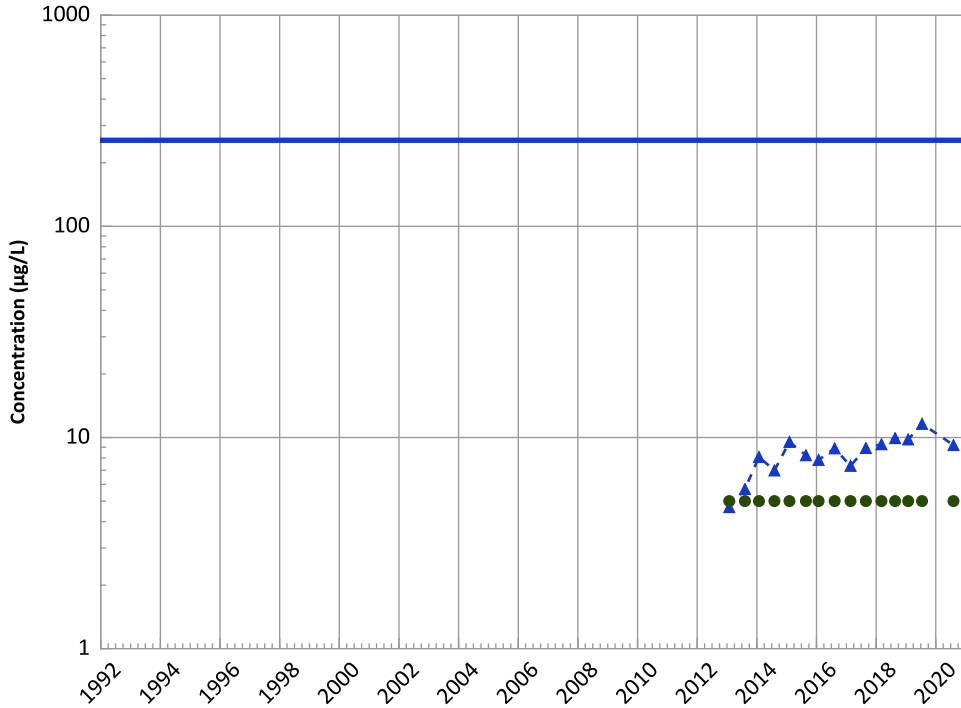
2018 - 2020 Data:

Stable

All Data:

Stable

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

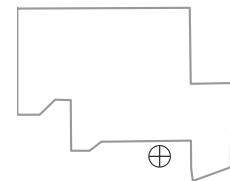
2018 - 2020 Data:

Stable

All Data:

Increasing

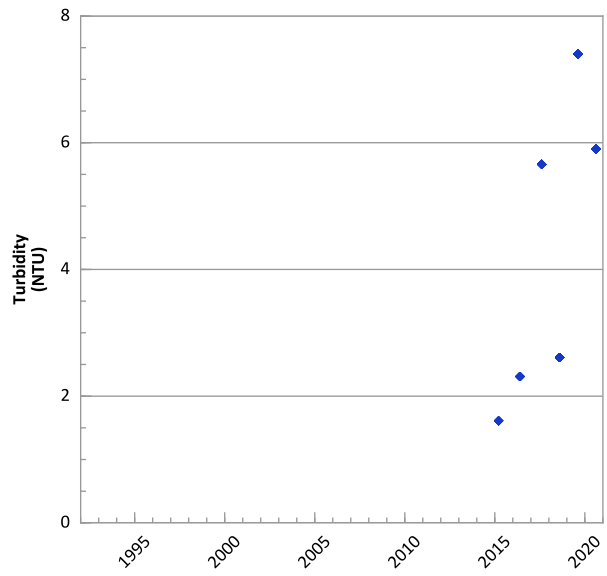
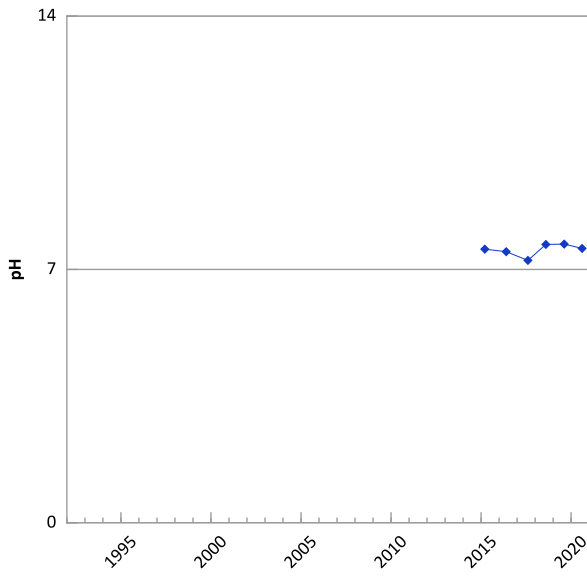
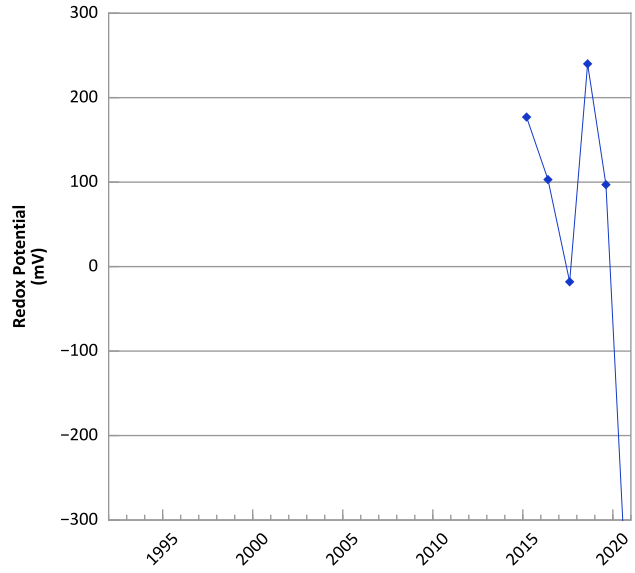
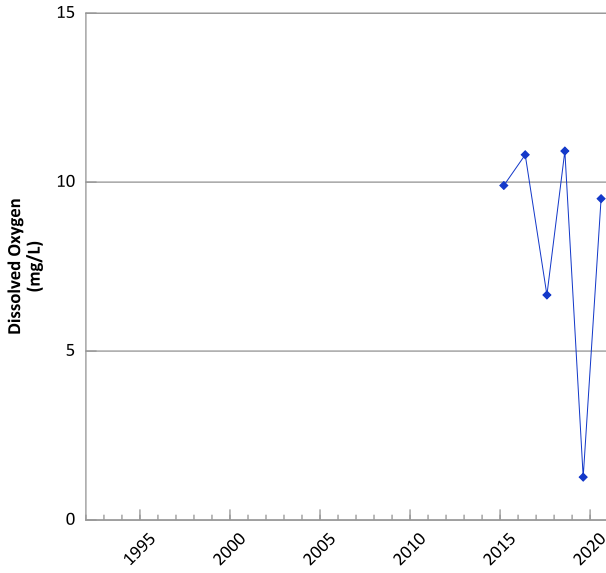
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2013 to 08/05/2020
Analysis Date: 06/03/2021

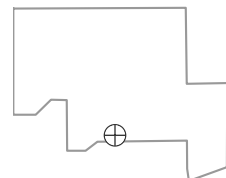
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



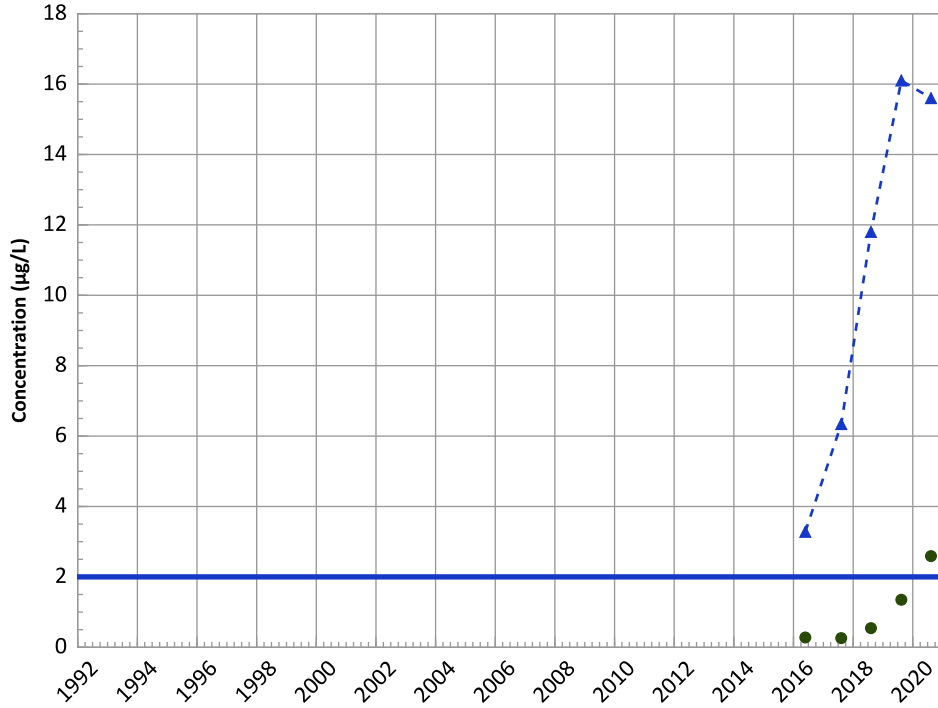
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 03/18/2015 to 08/11/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

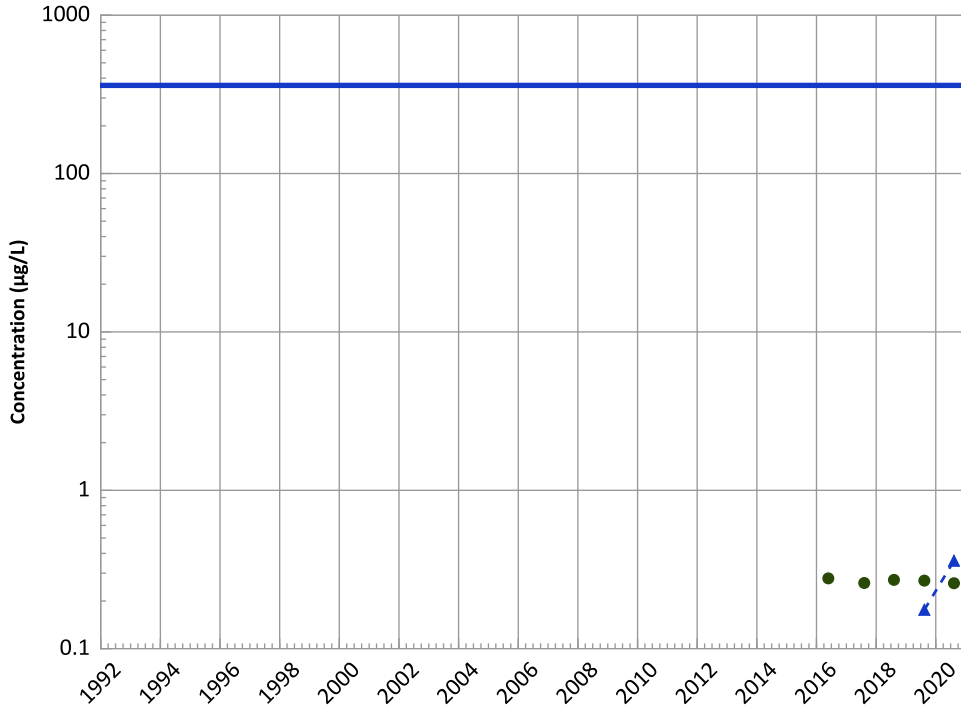
2018 - 2020 Data:

Increasing

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

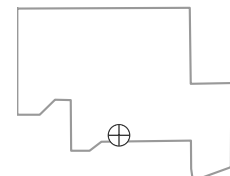
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

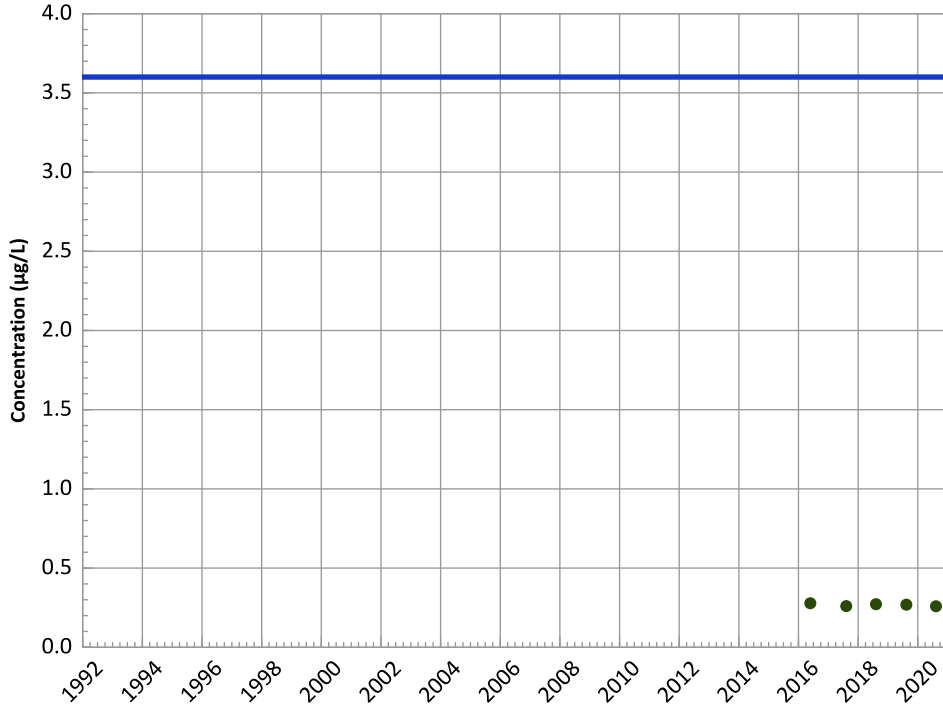


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

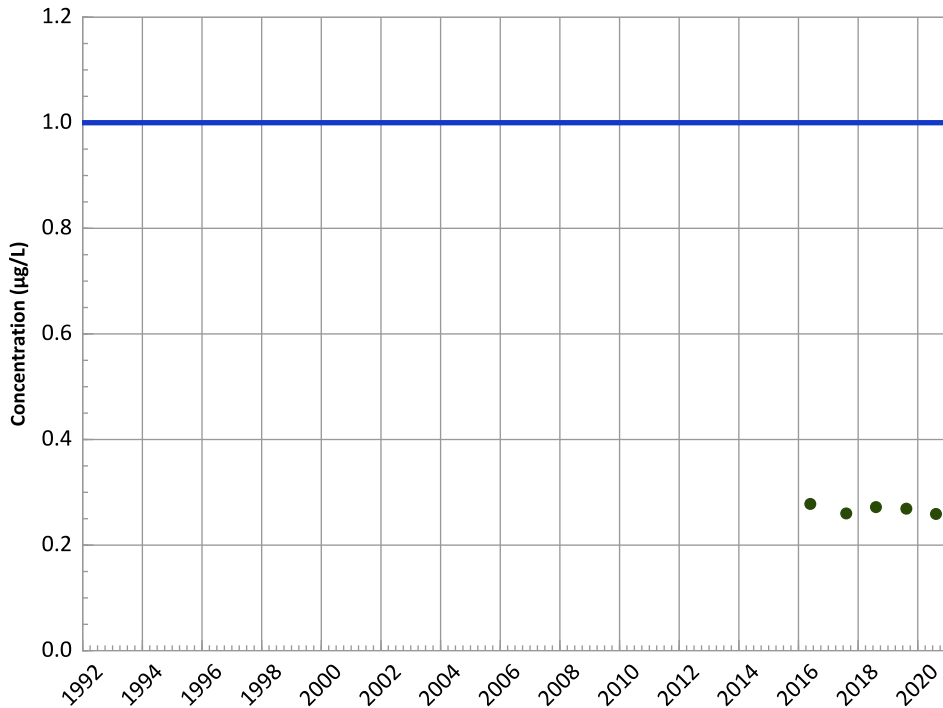
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

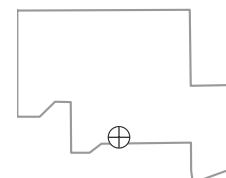
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

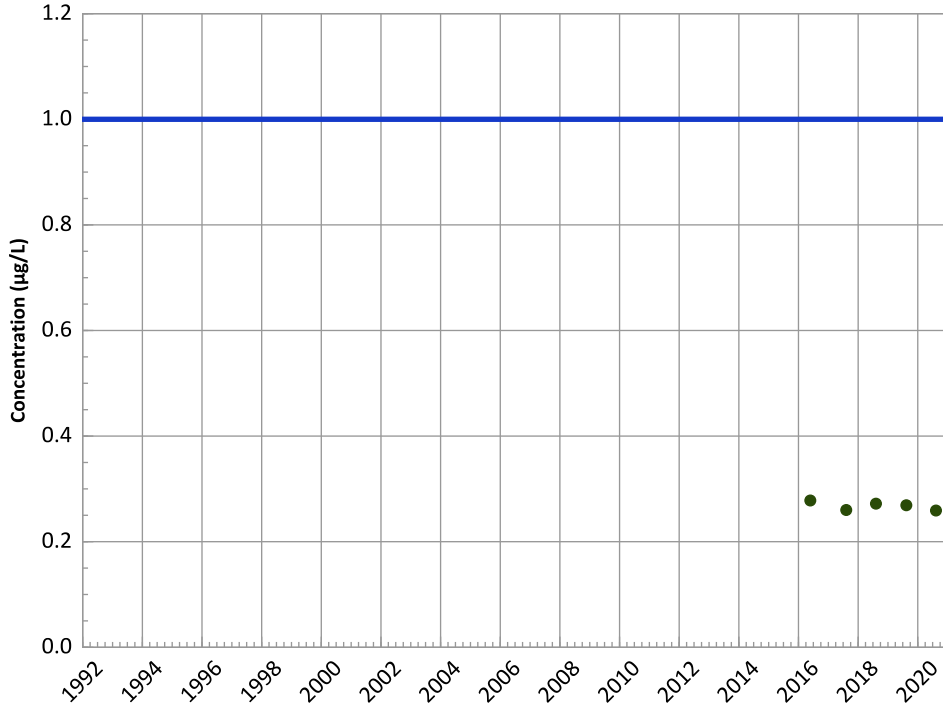
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

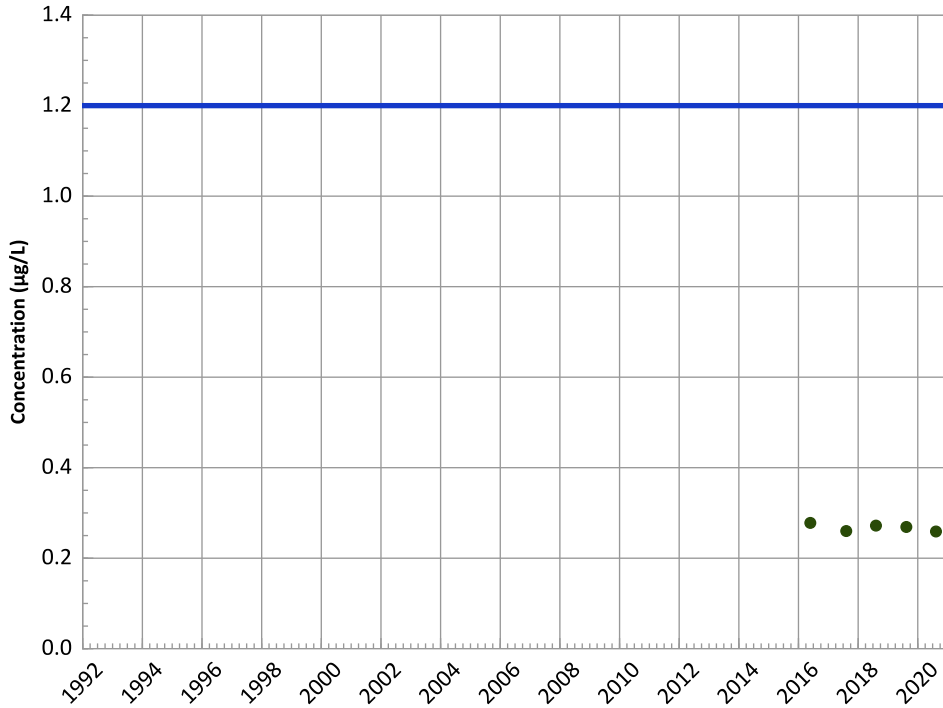


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

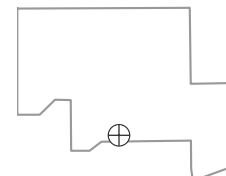
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

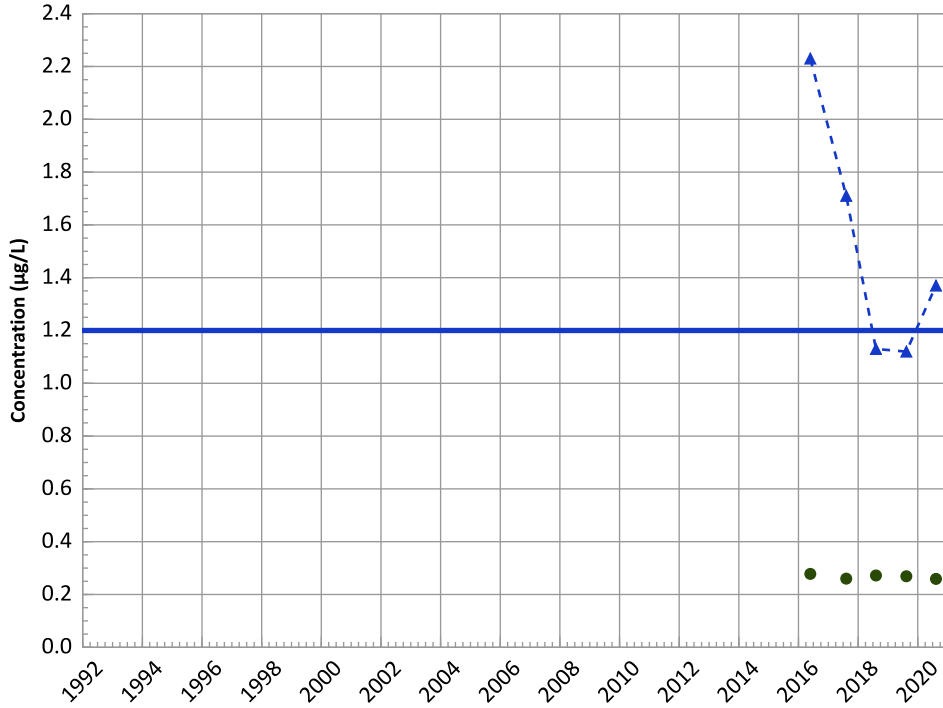
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

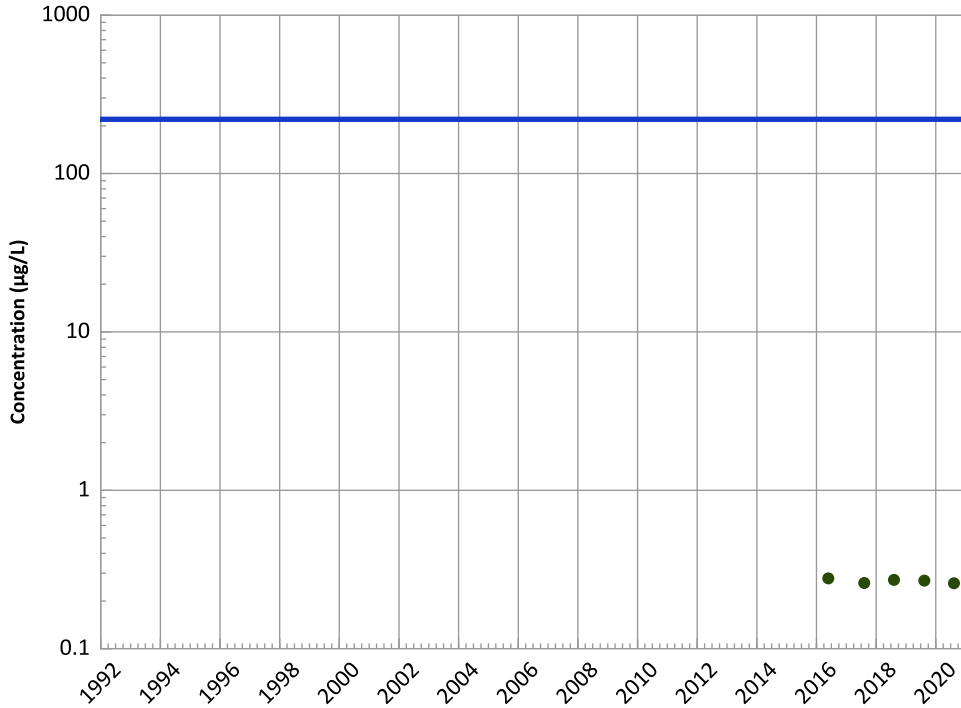
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

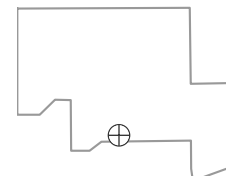
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

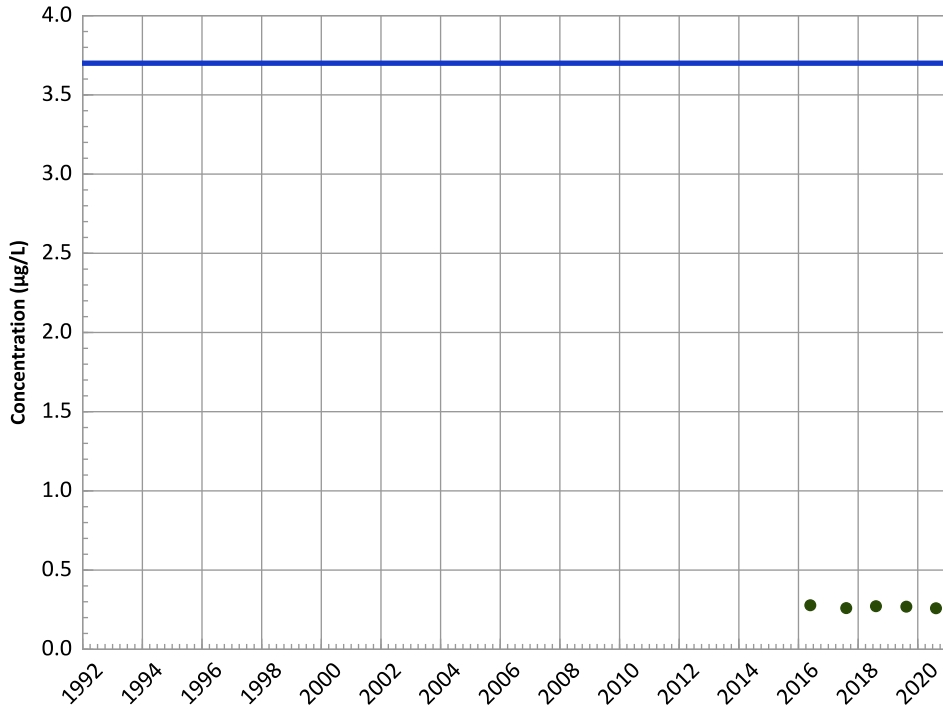
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

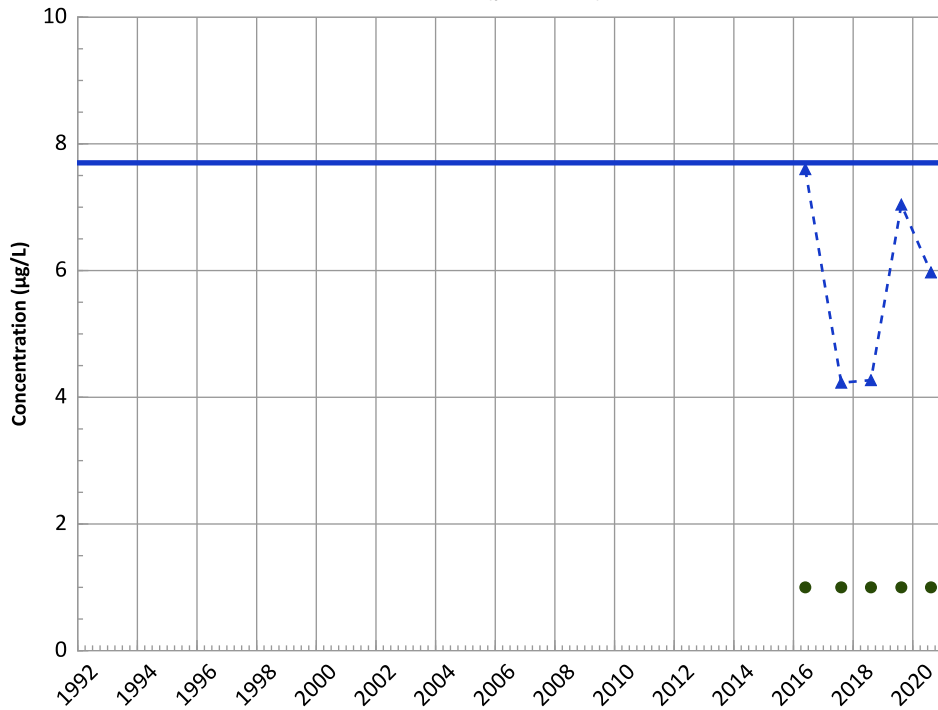
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Stable

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

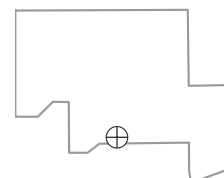
All Data:

Decreasing

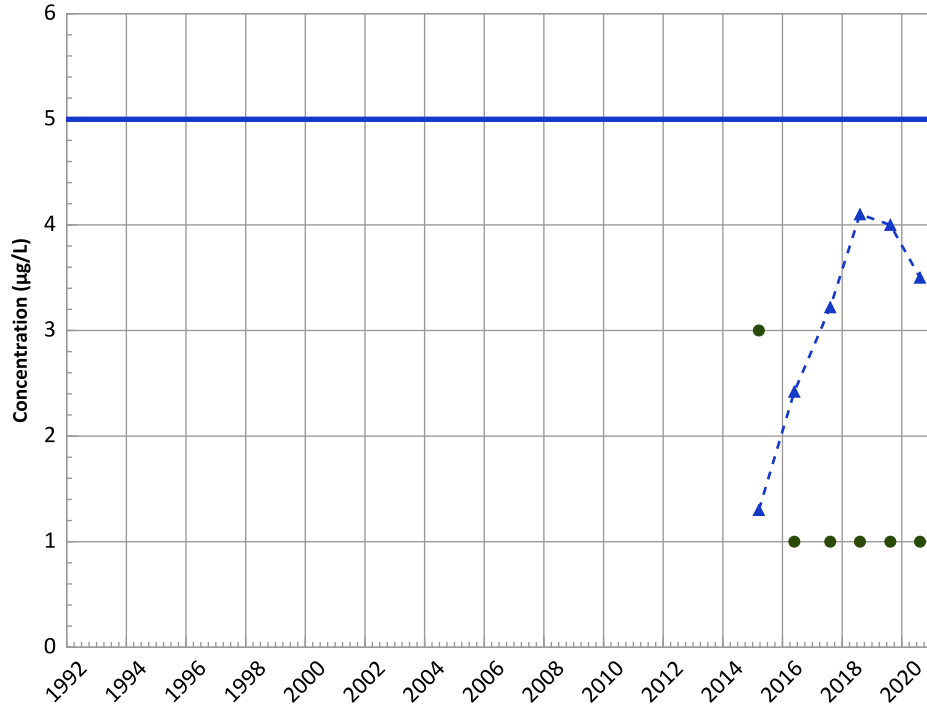
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Stable

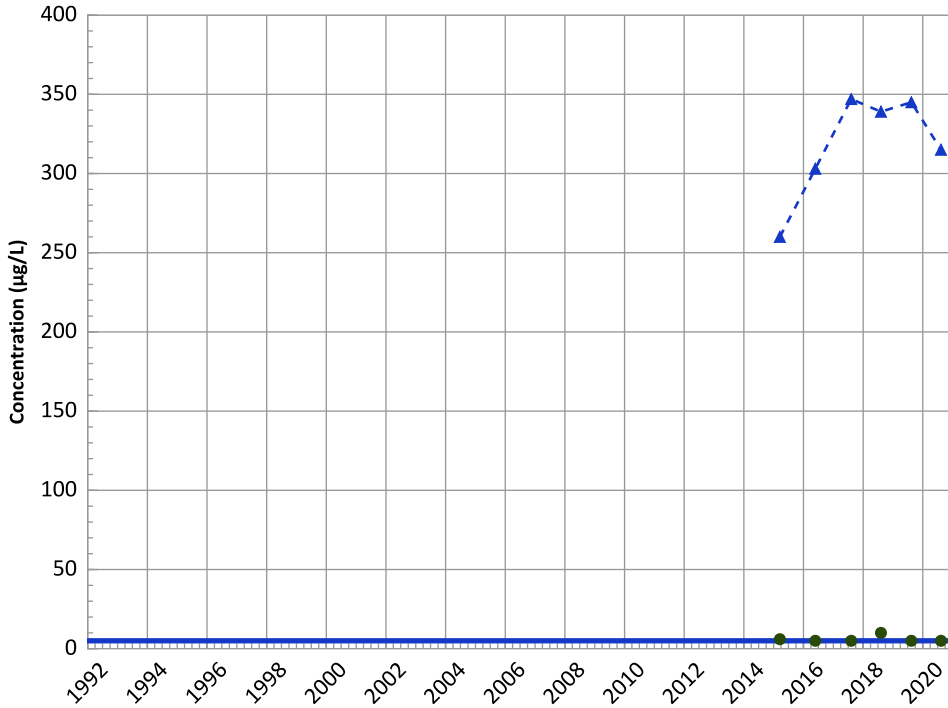
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend

All Data:
Increasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

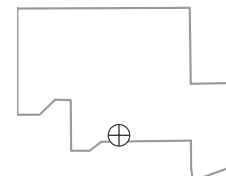
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Probably Increasing

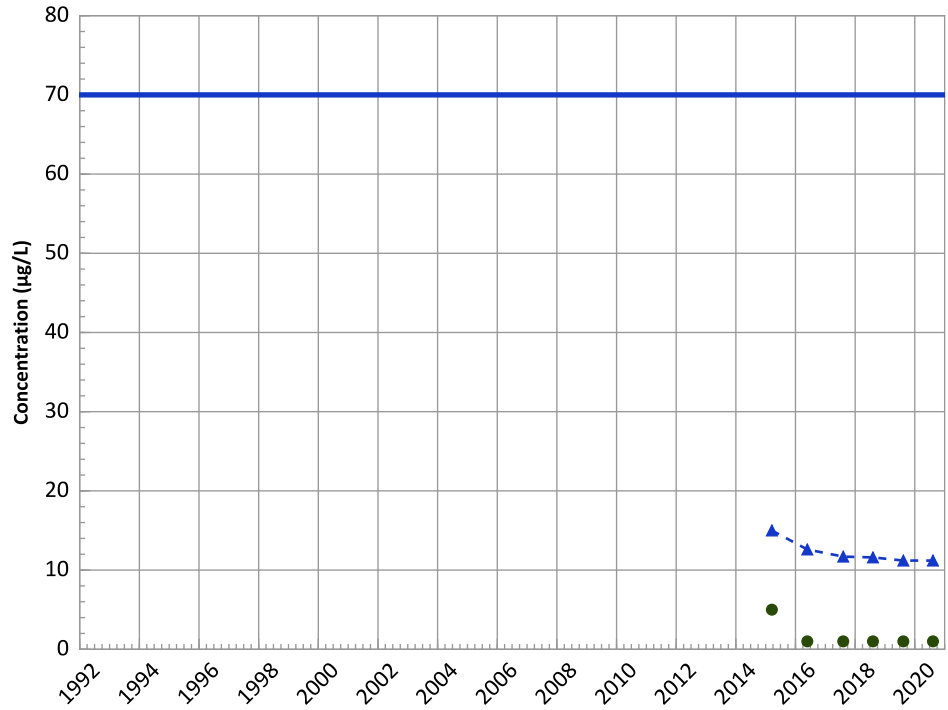
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**

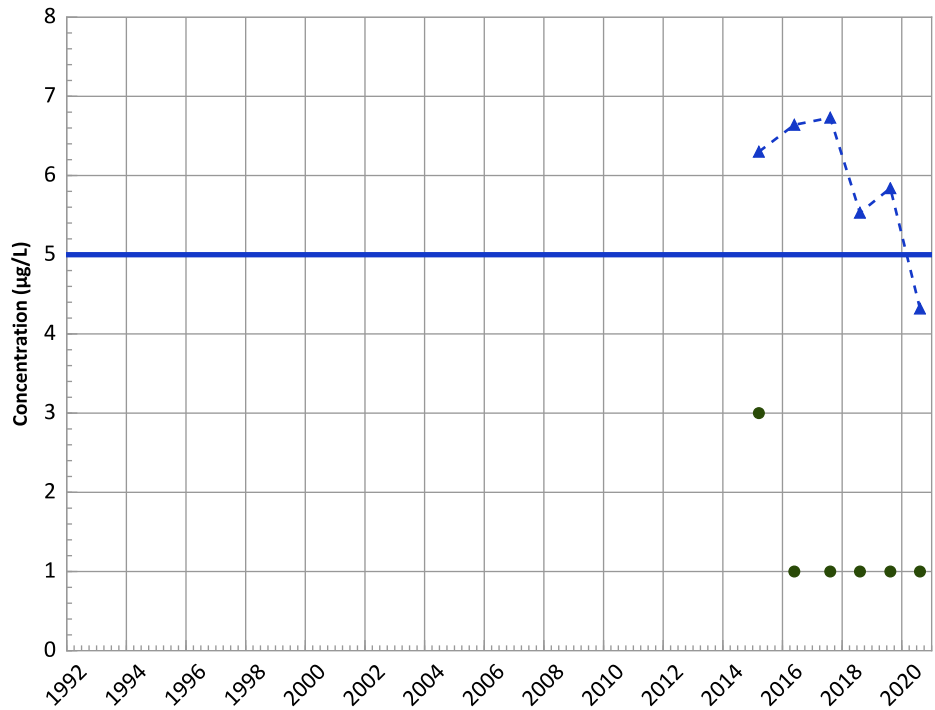


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: Decreasing
All Data: Decreasing

MAROS Linear Regression Method
2018 - 2020 Data: Decreasing
All Data: Decreasing

1,2-Dichloroethane Trend



Concentration Trend

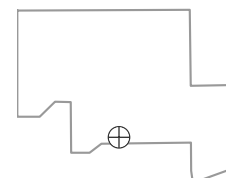
MAROS Mann-Kendall Method
2018 - 2020 Data: Decreasing
All Data: Decreasing

MAROS Linear Regression Method
2018 - 2020 Data: Probably Decreasing
All Data: Decreasing

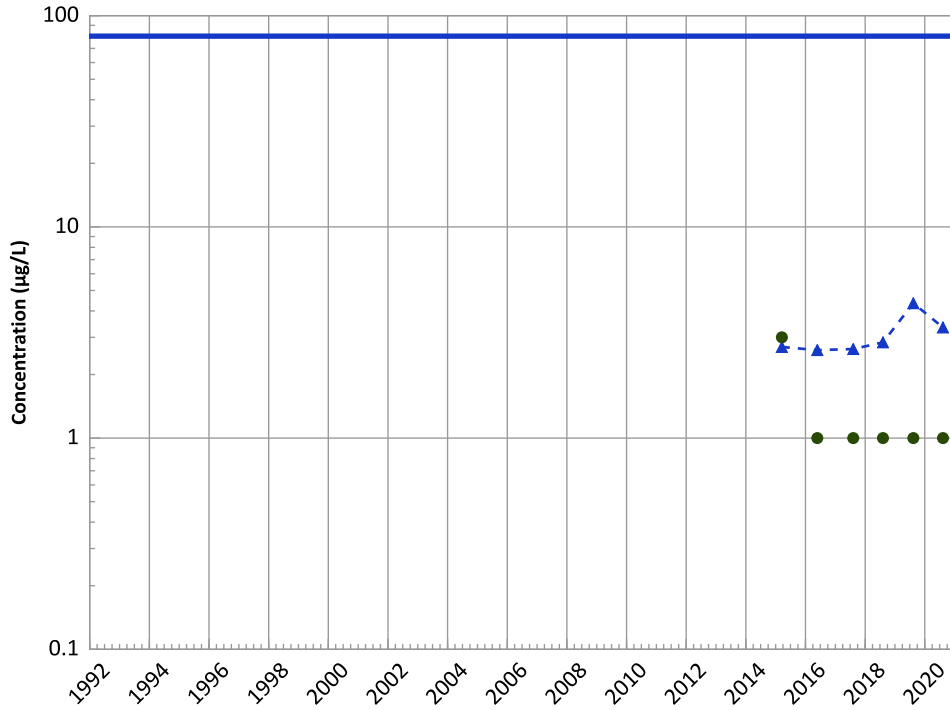
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ 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

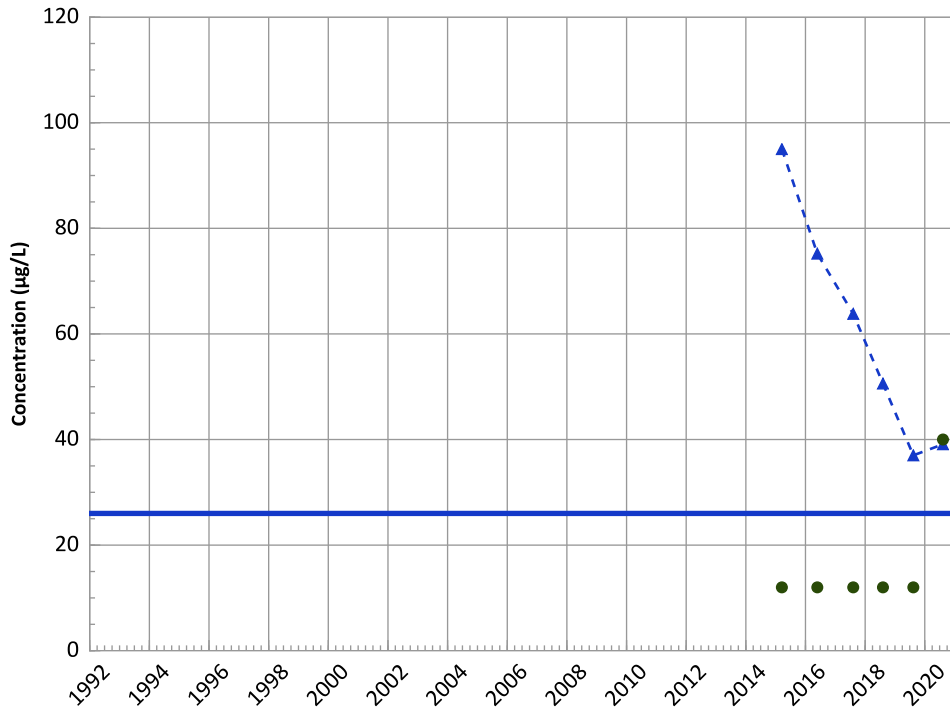
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Decreasing

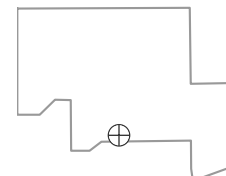
MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing
All Data:
Decreasing

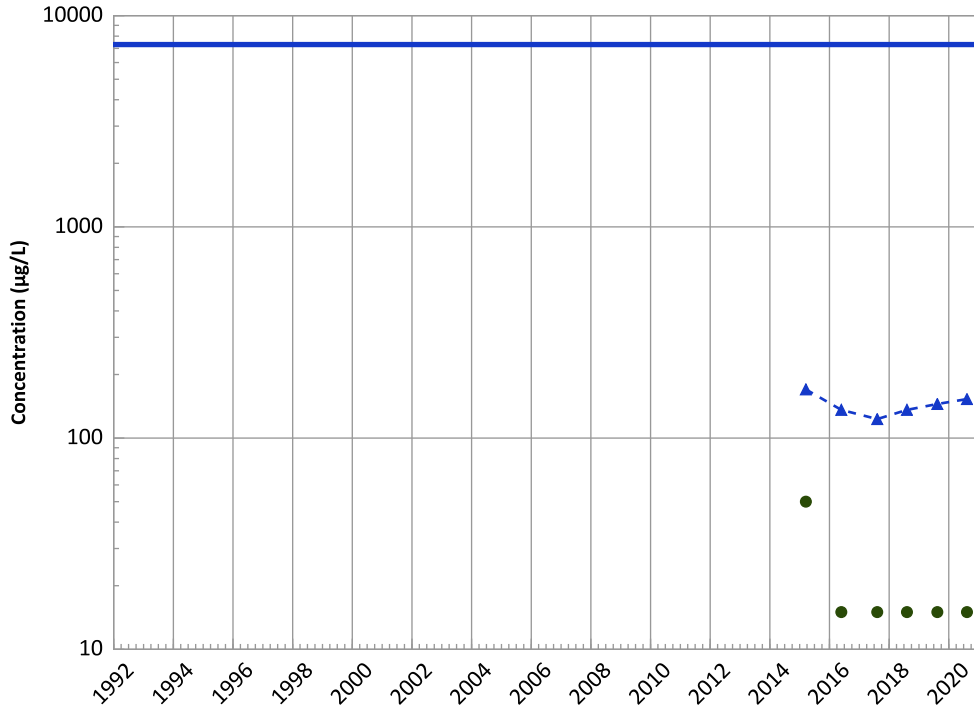
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

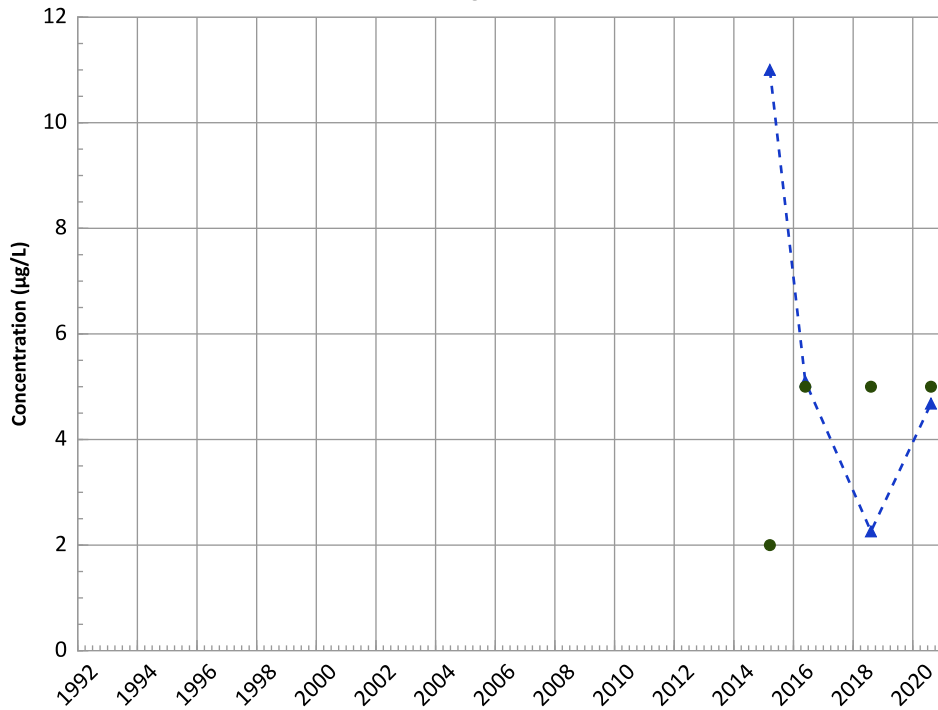
2018 - 2020 Data:

Increasing

All Data:

Stable

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

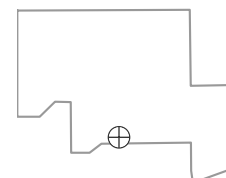
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

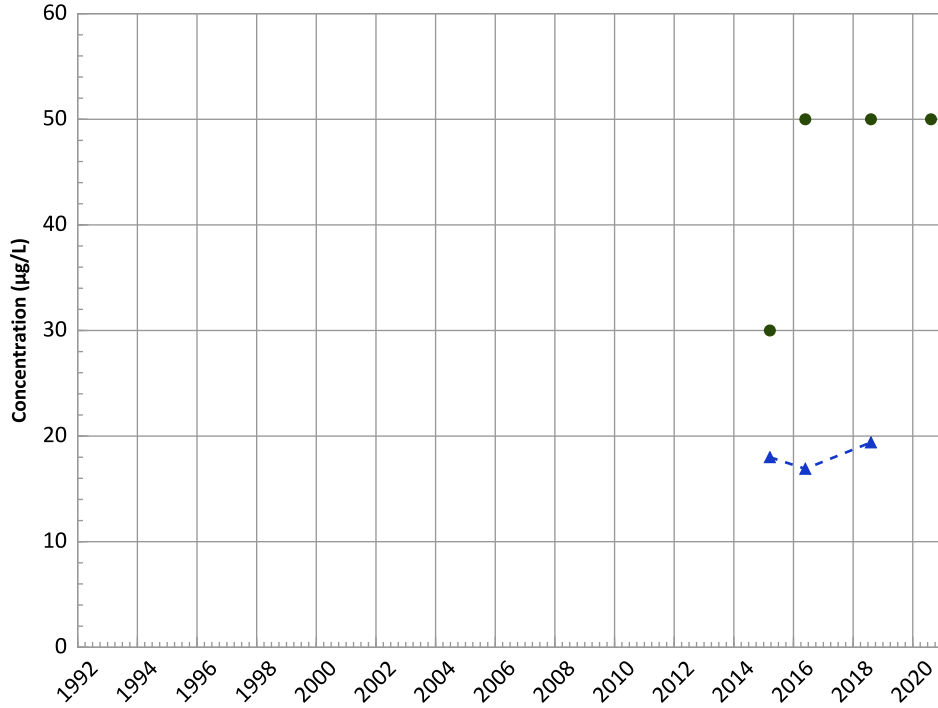
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

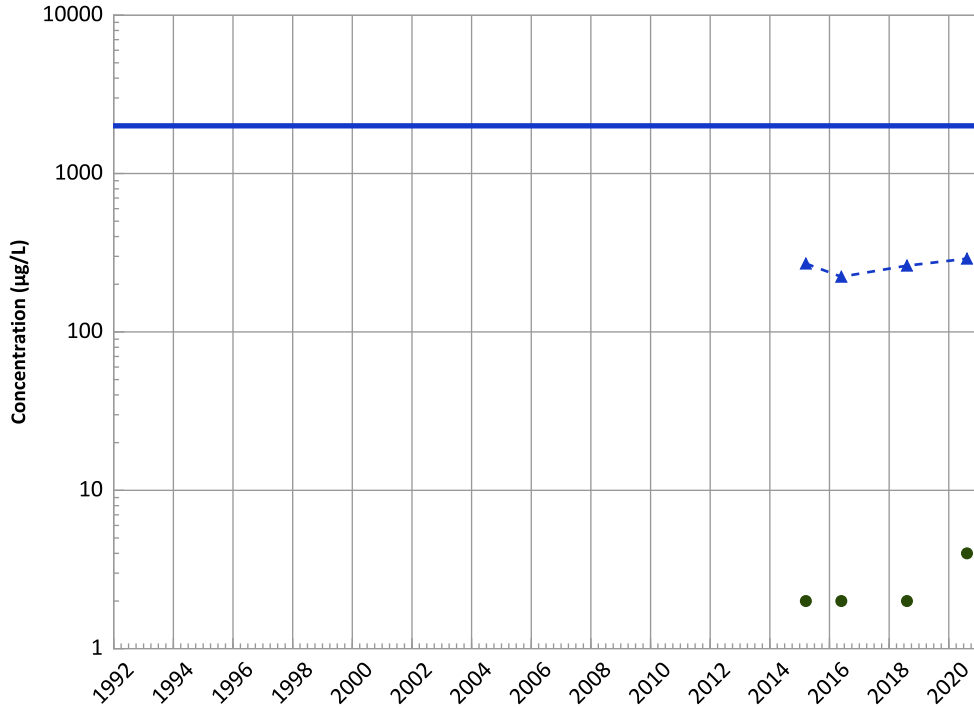


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

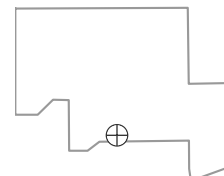
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

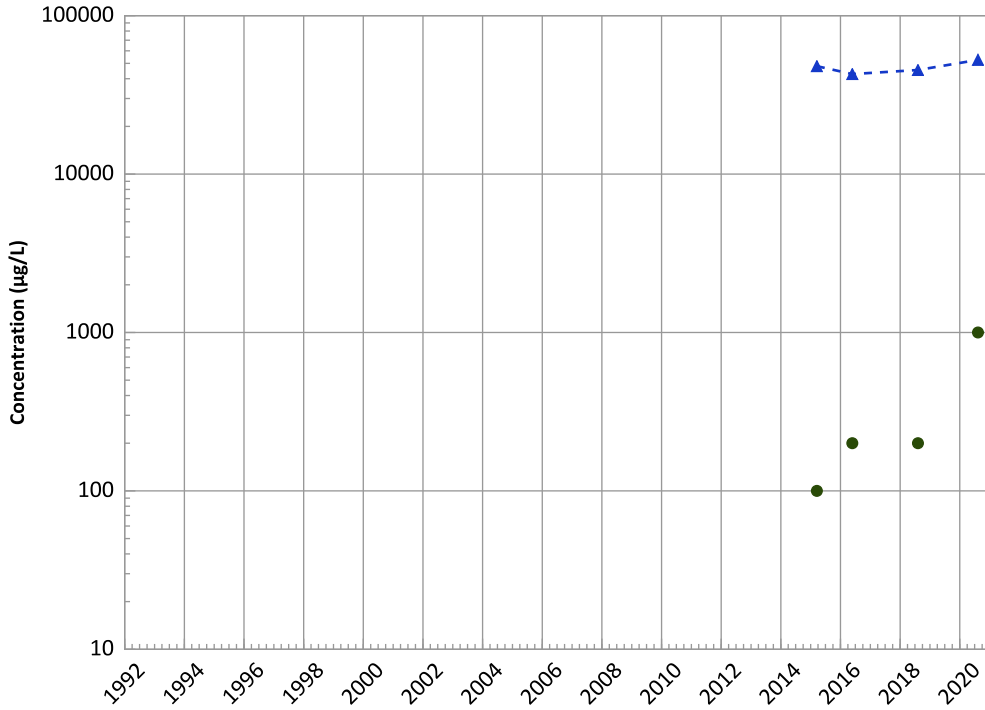
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

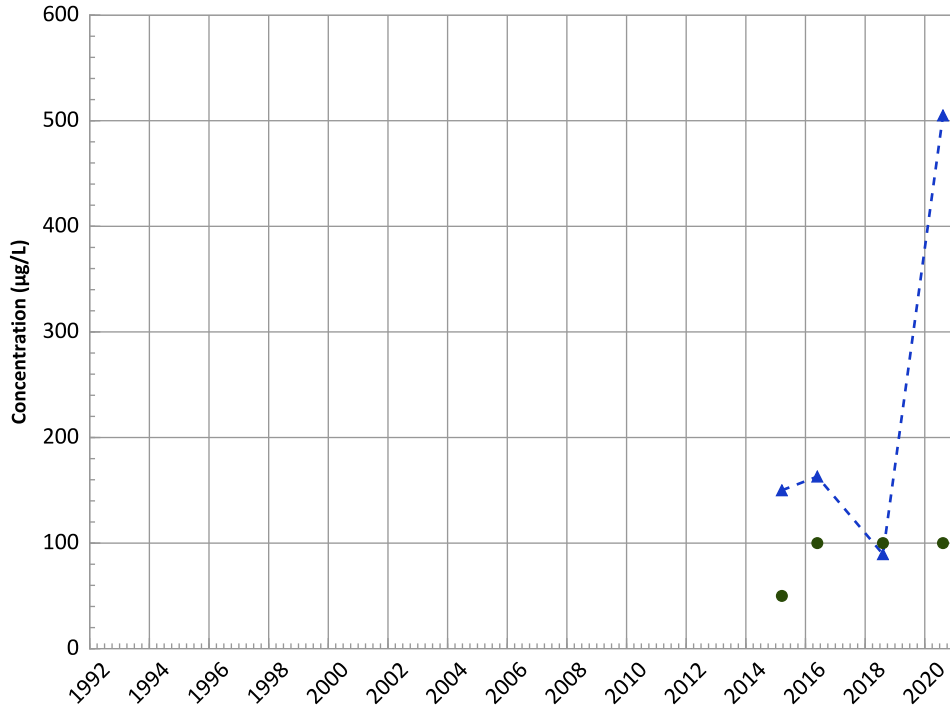
2018 - 2020 Data:

No Trend

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

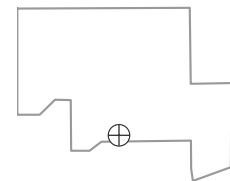
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

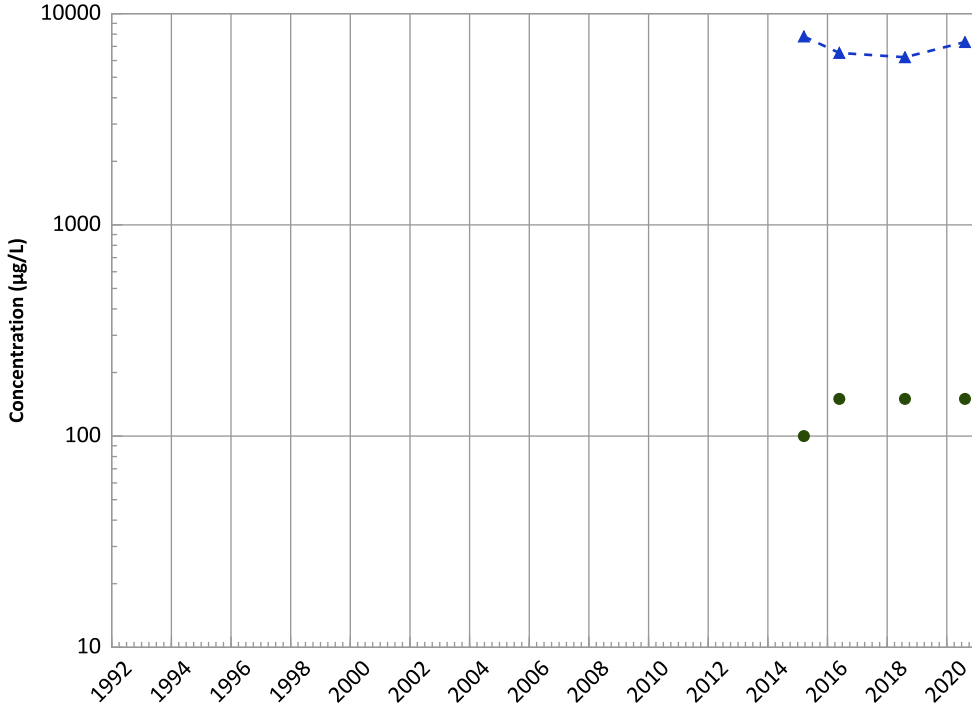


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

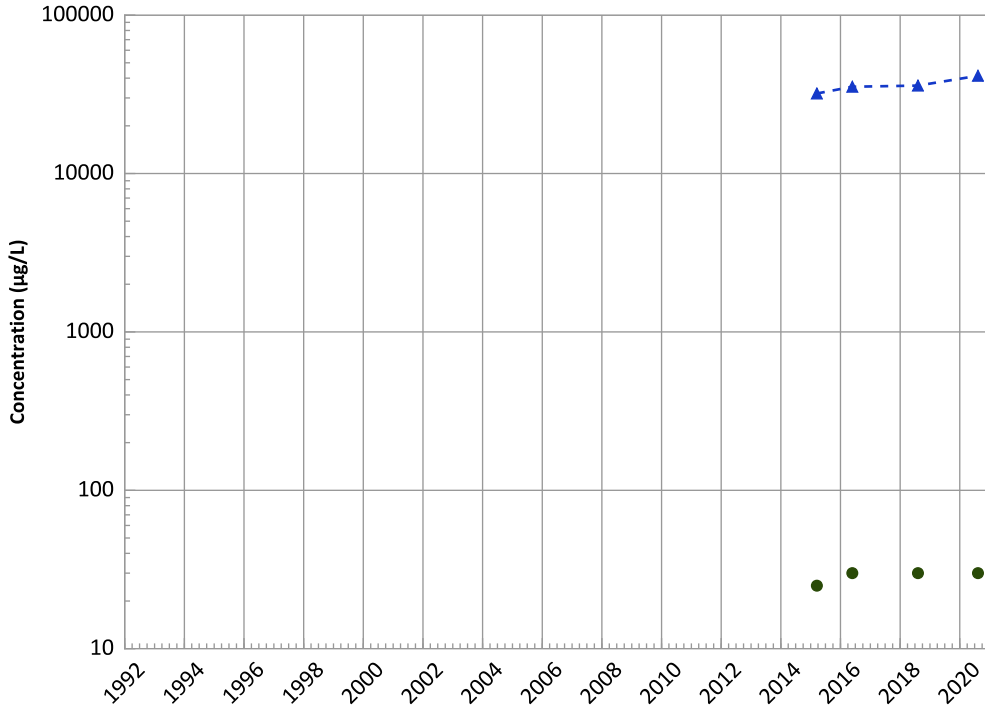
2018 - 2020 Data:

Stable

All Data:

Stable

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

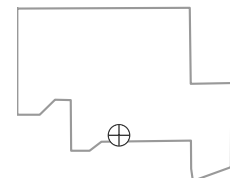
All Data:

Increasing

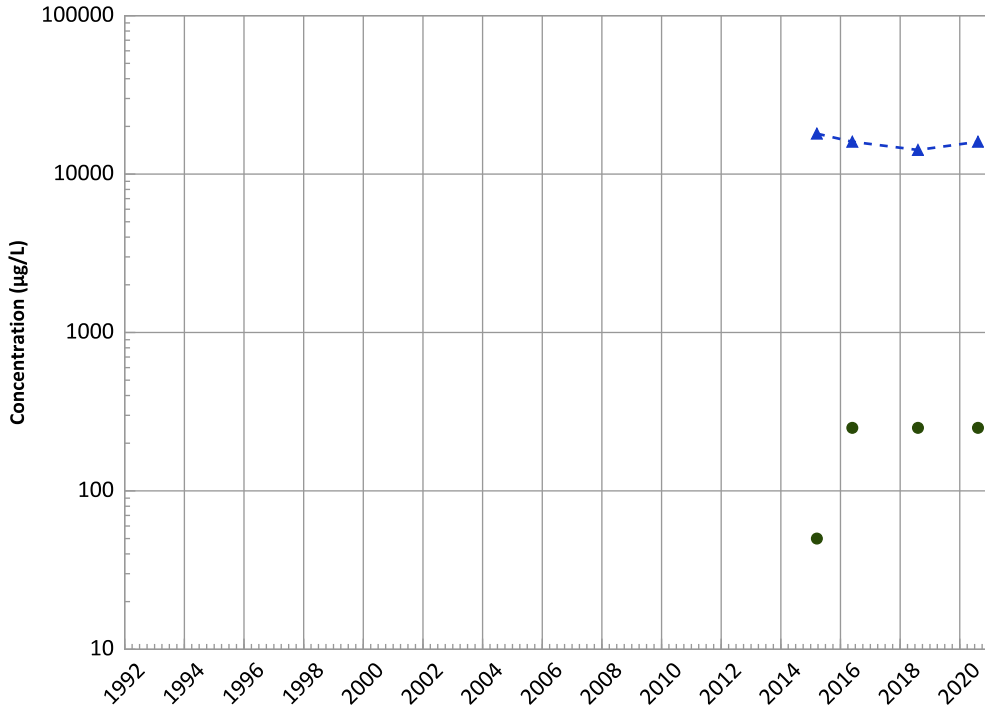
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/18/2015 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

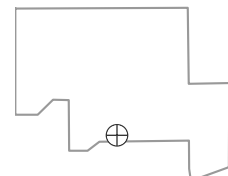
All Data:

Stable

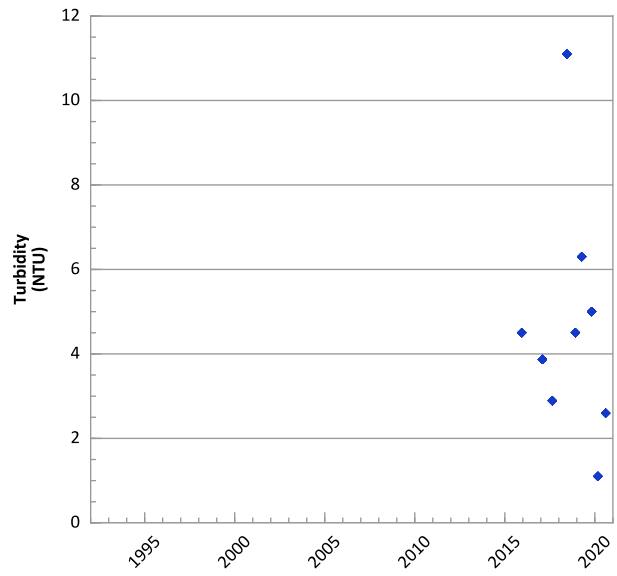
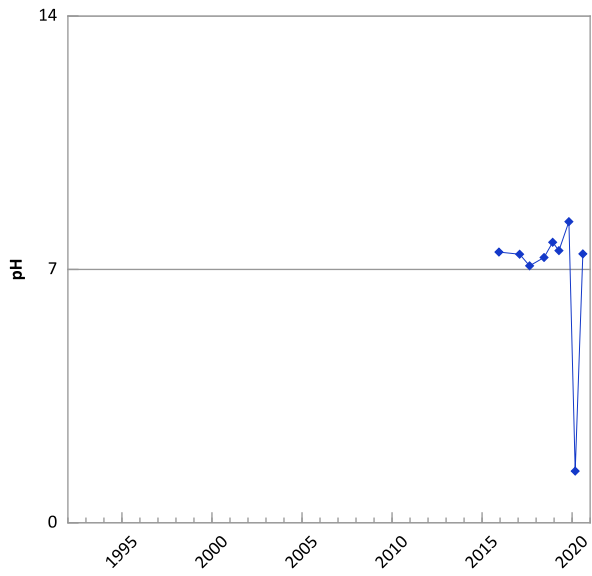
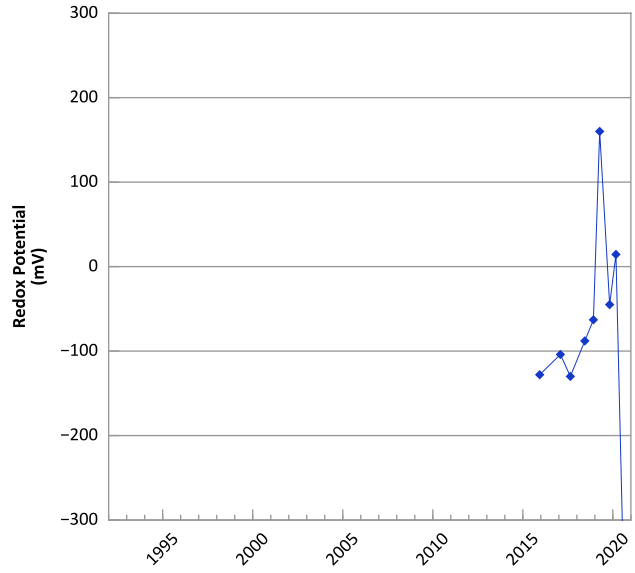
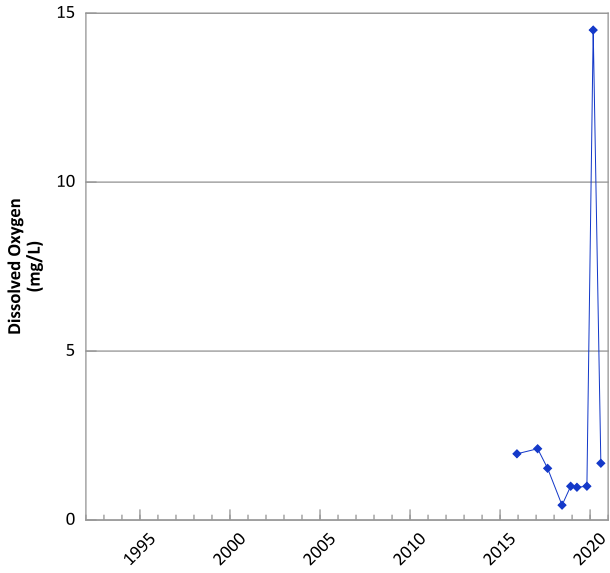
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 03/18/2015 to 08/11/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

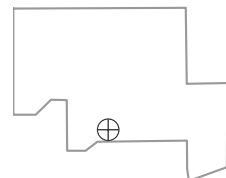


**PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



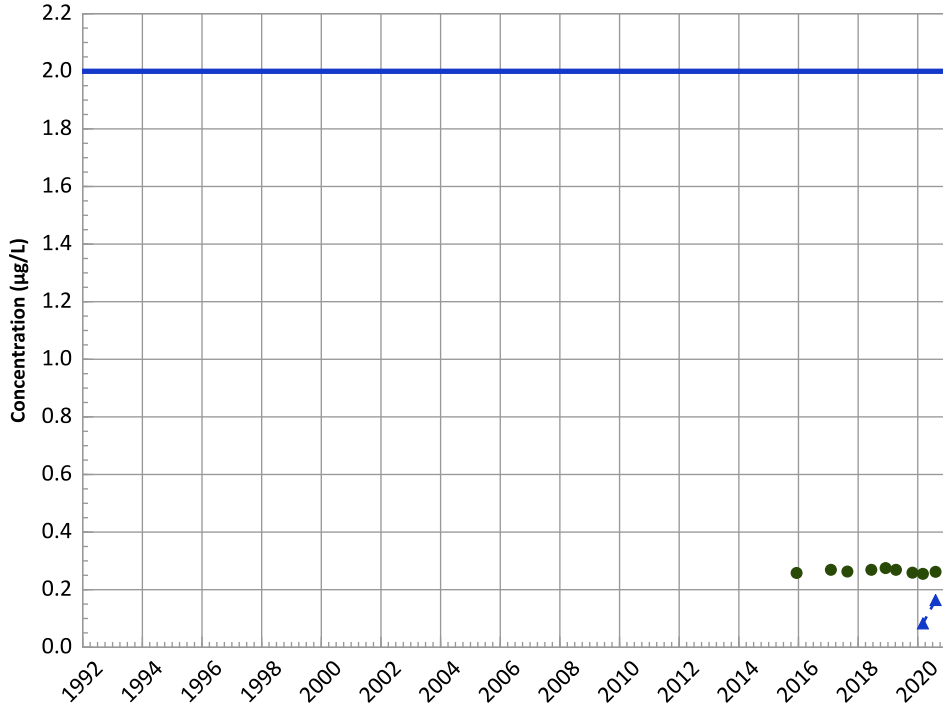
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/09/2015 to 08/06/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

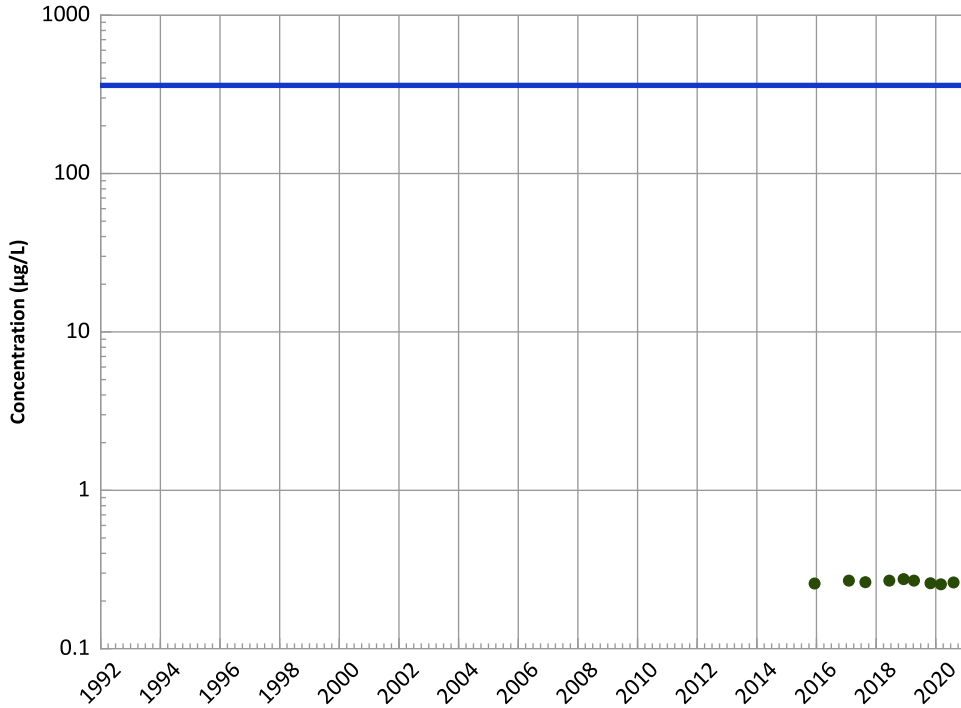
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

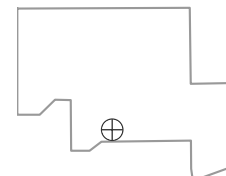
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

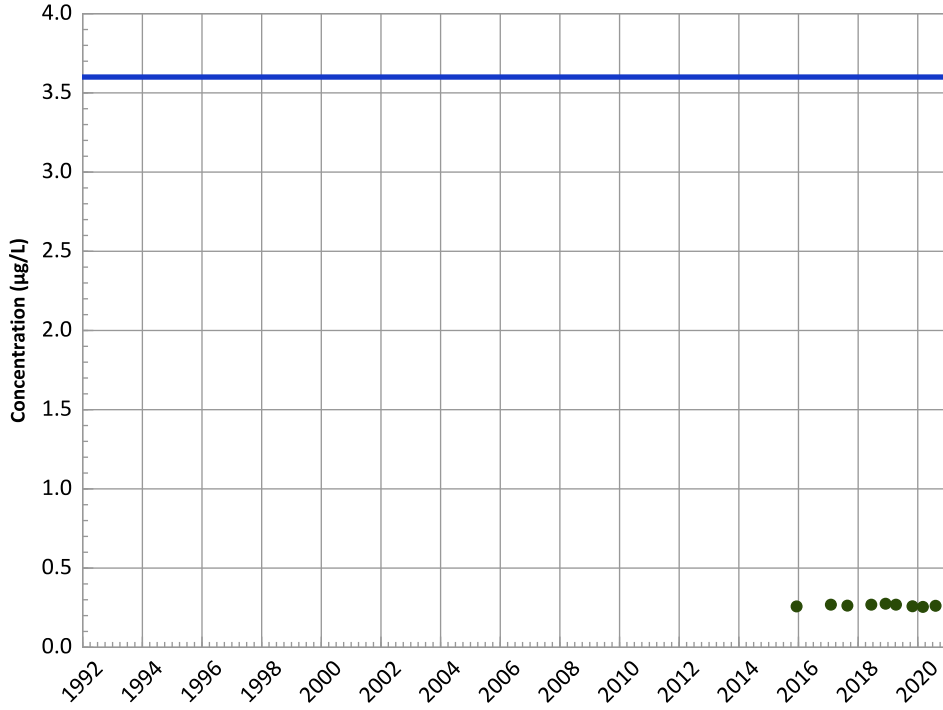
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

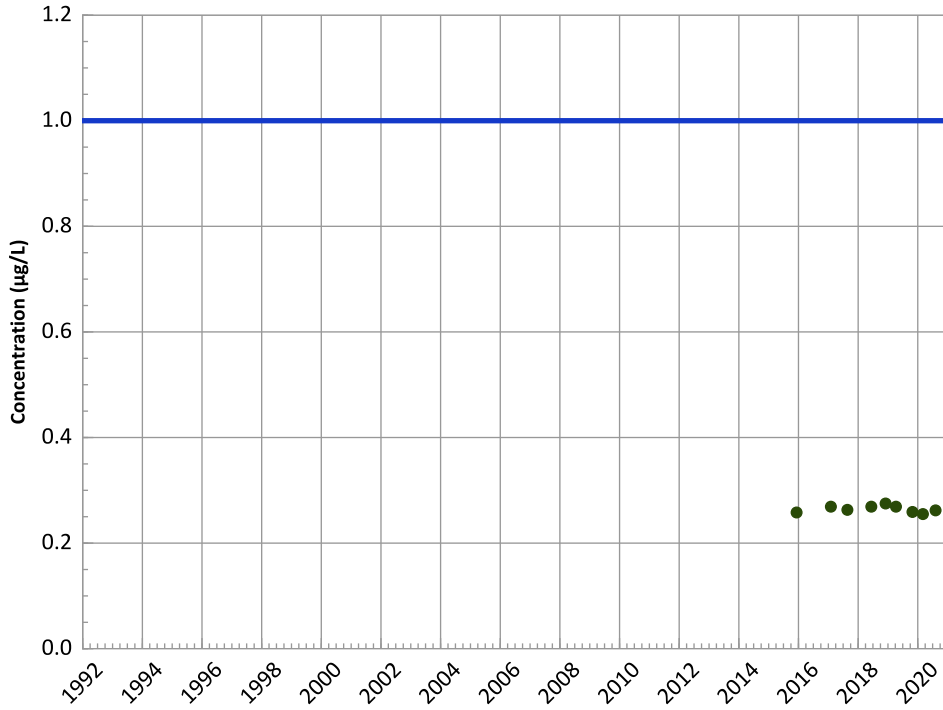
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

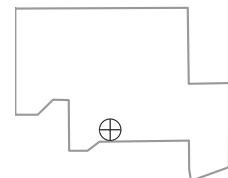
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

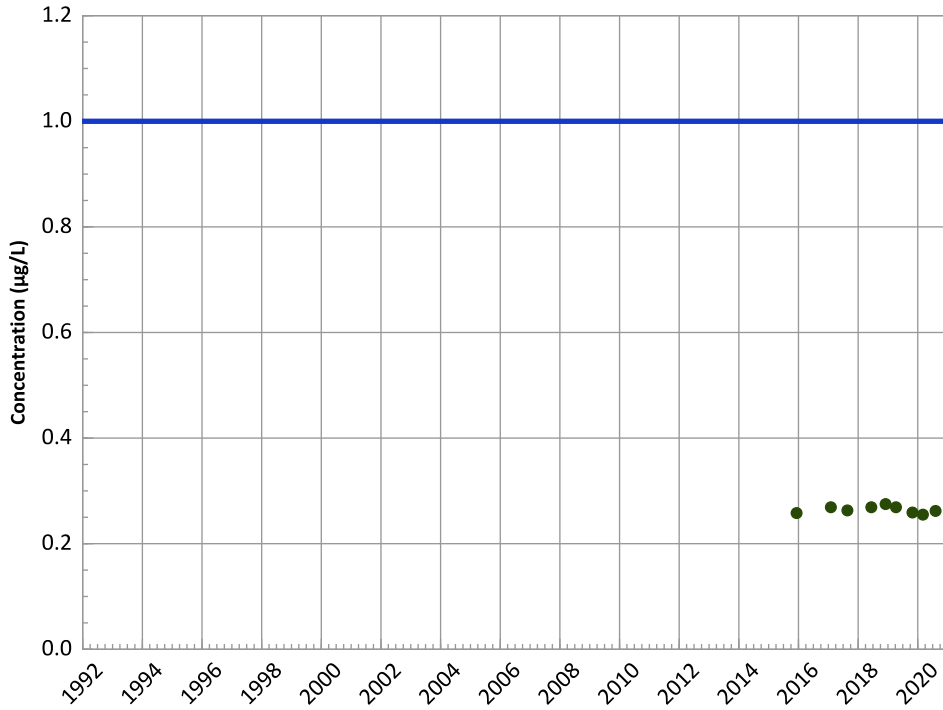
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

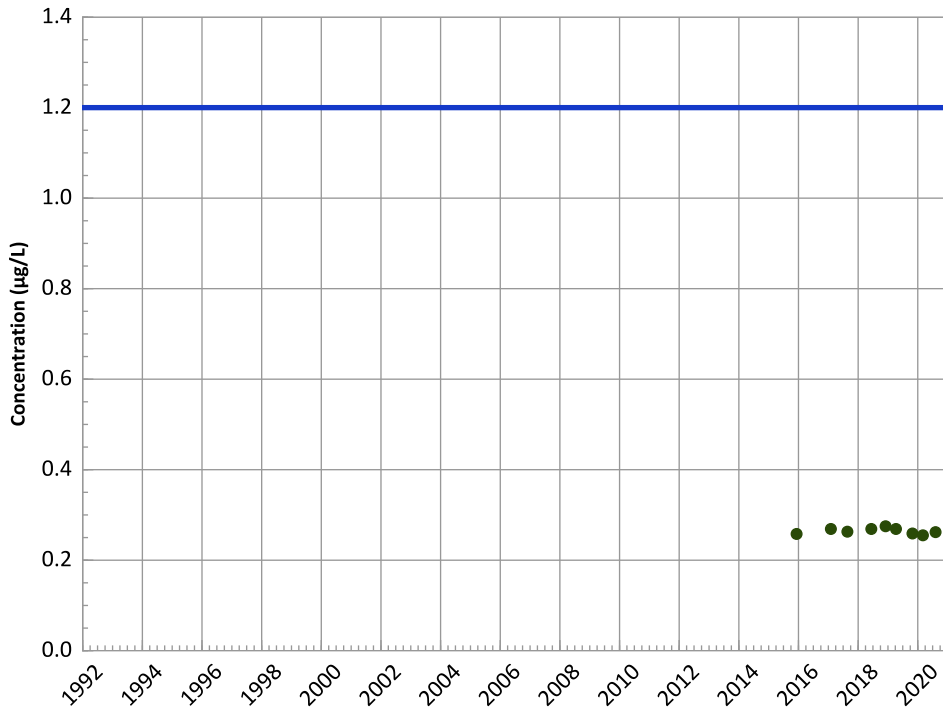
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

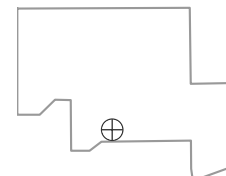
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

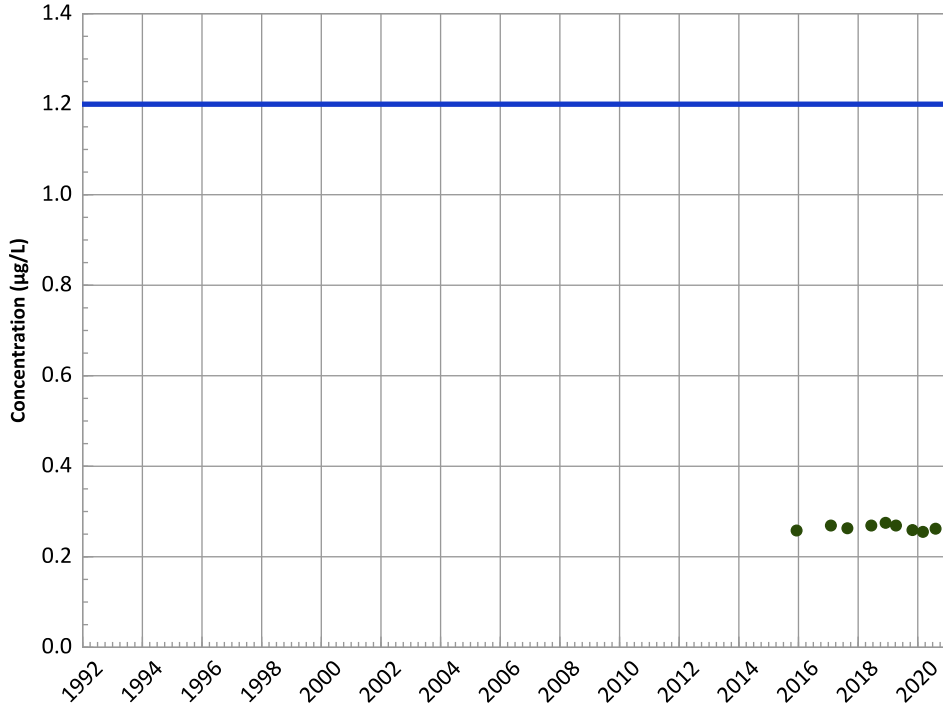
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

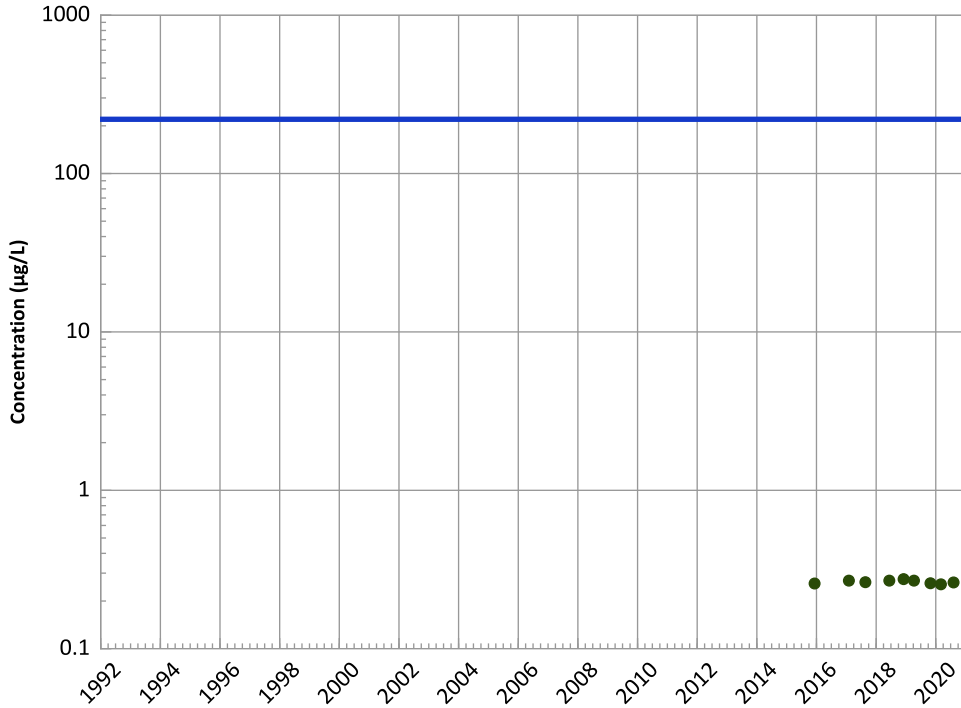
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

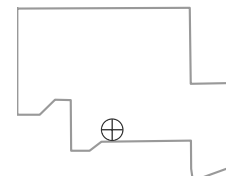
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

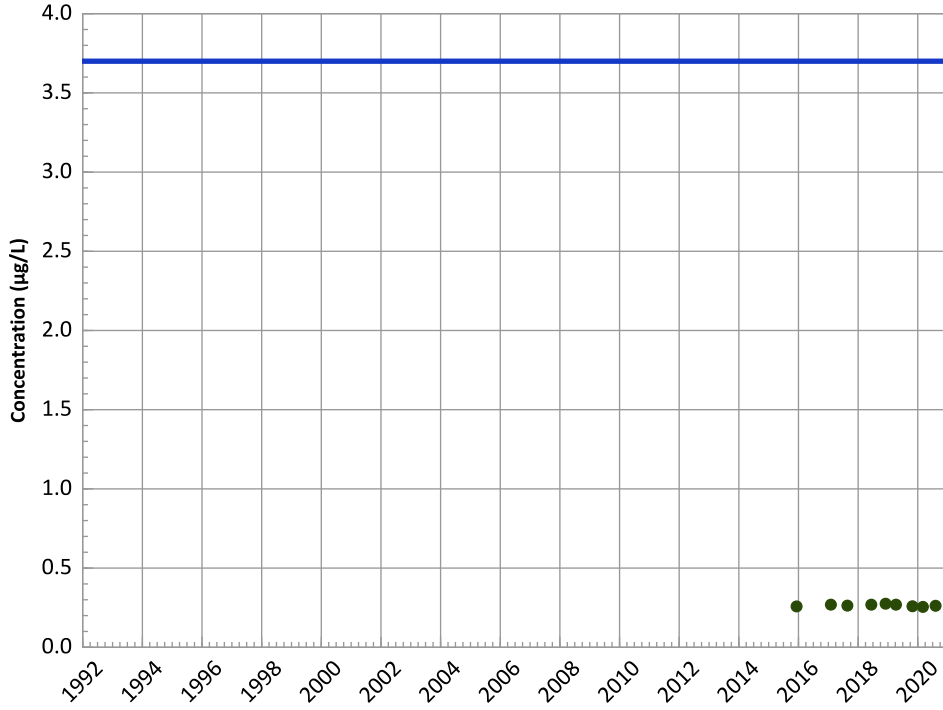
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

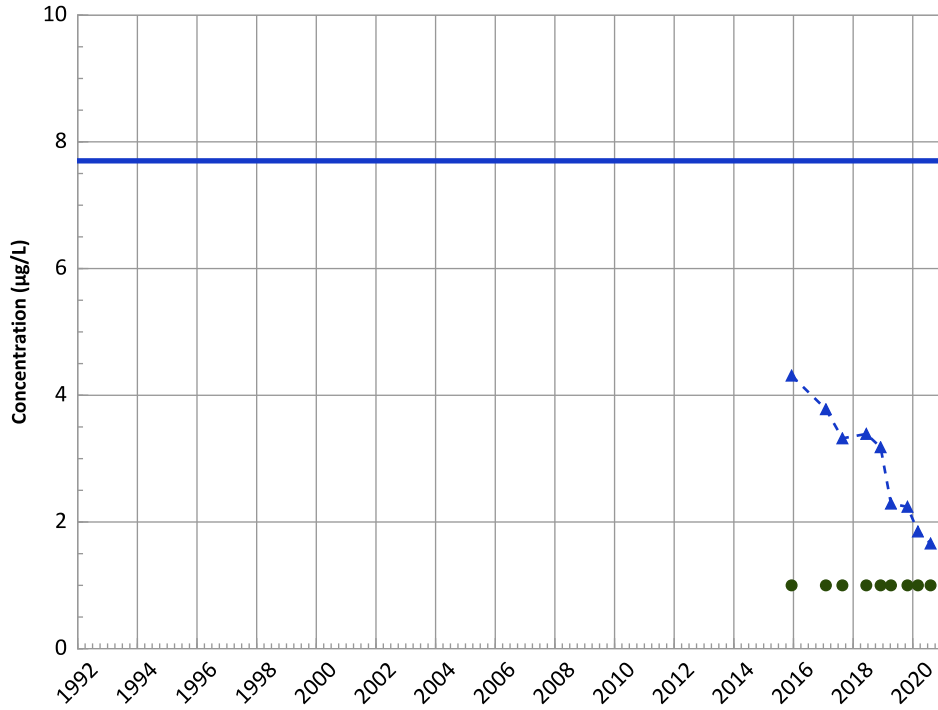
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

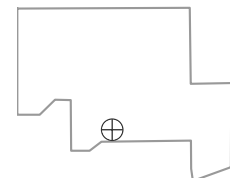
All Data:

Decreasing

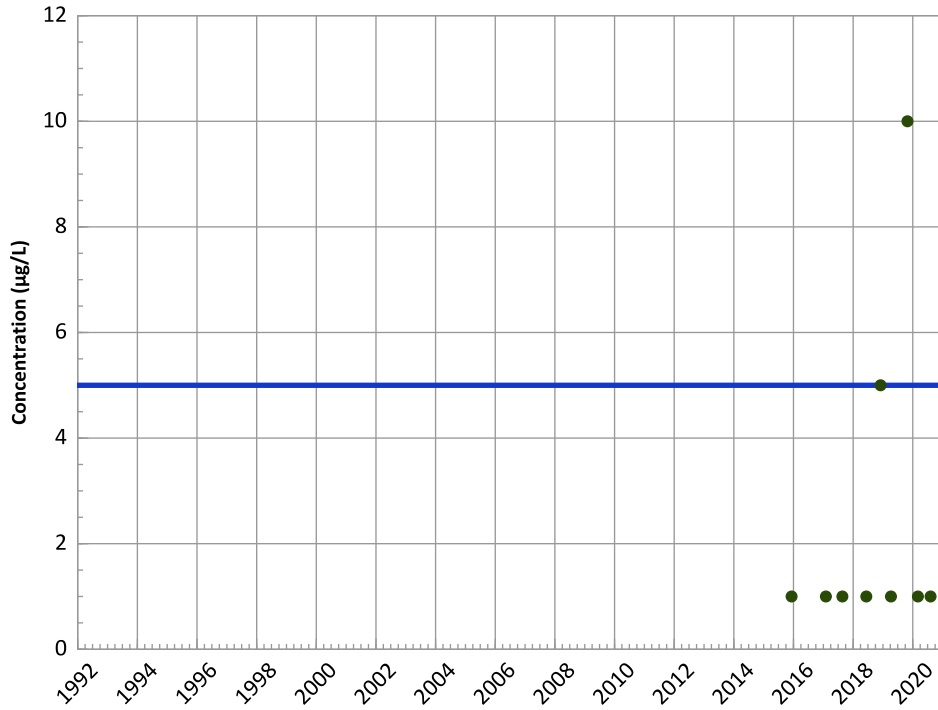
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

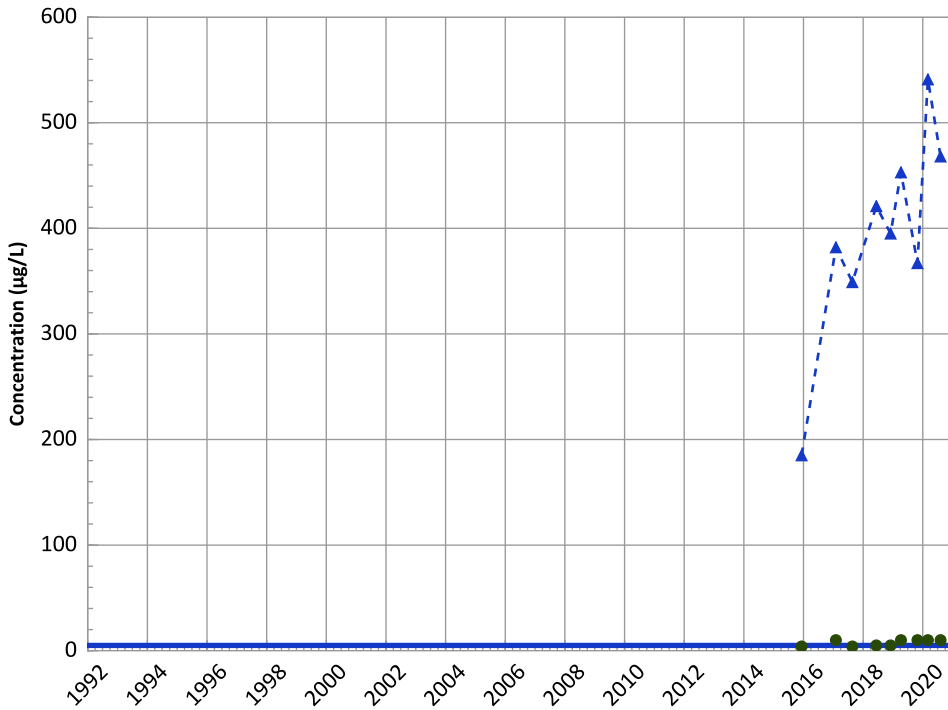


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

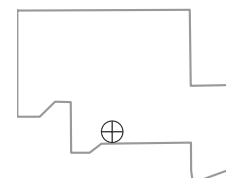
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

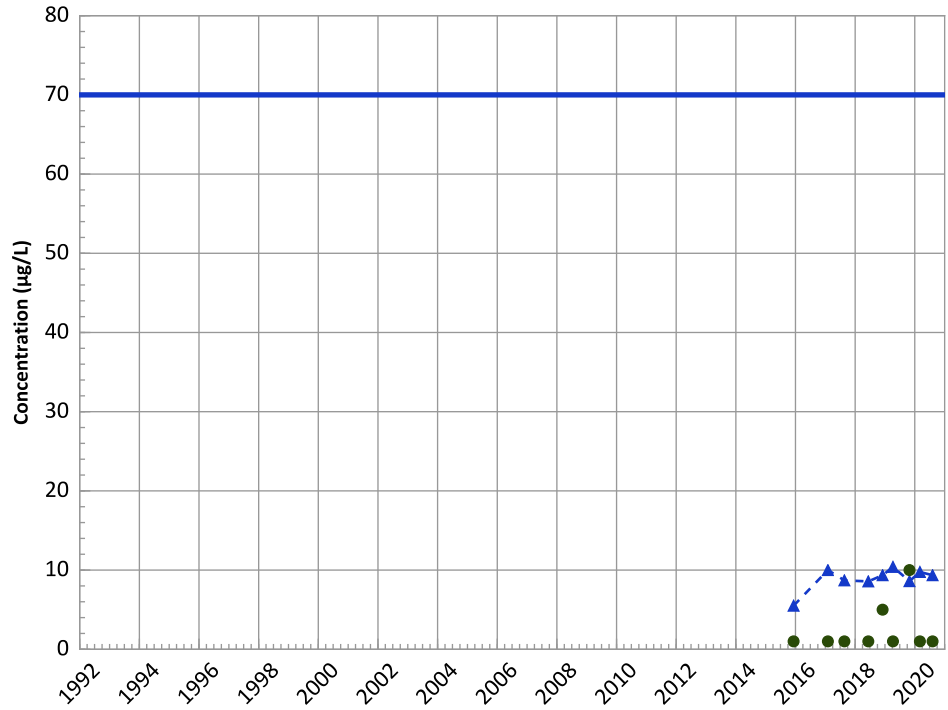
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

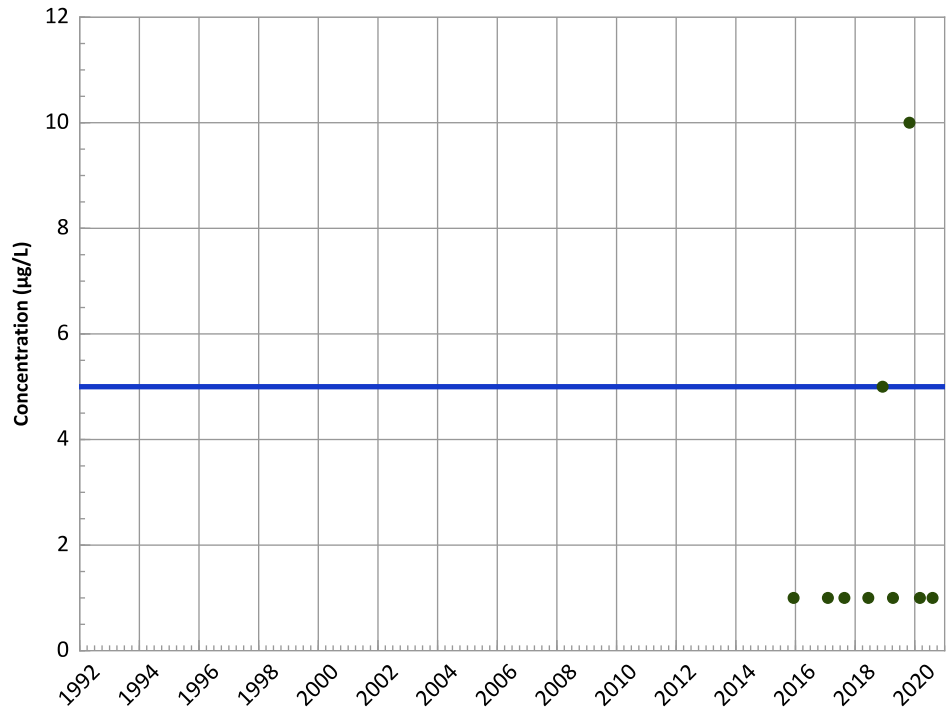
2018 - 2020 Data:

Stable

All Data:

Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

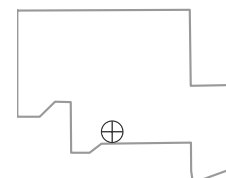
All Data:

All Non-Detect

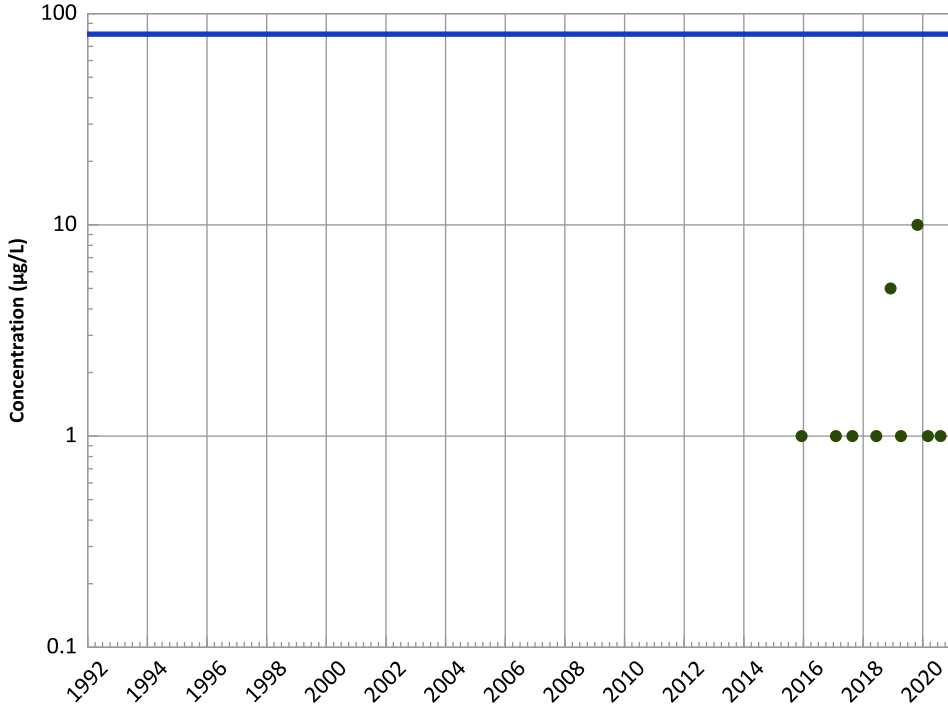
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

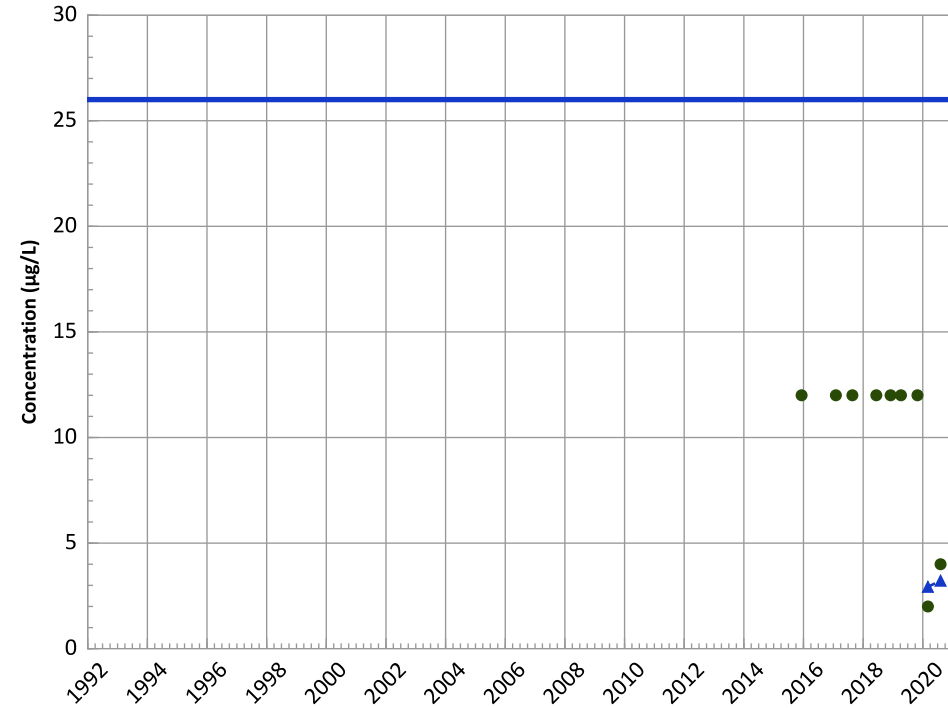
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

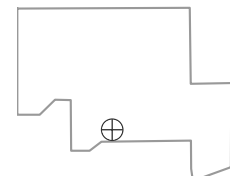
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

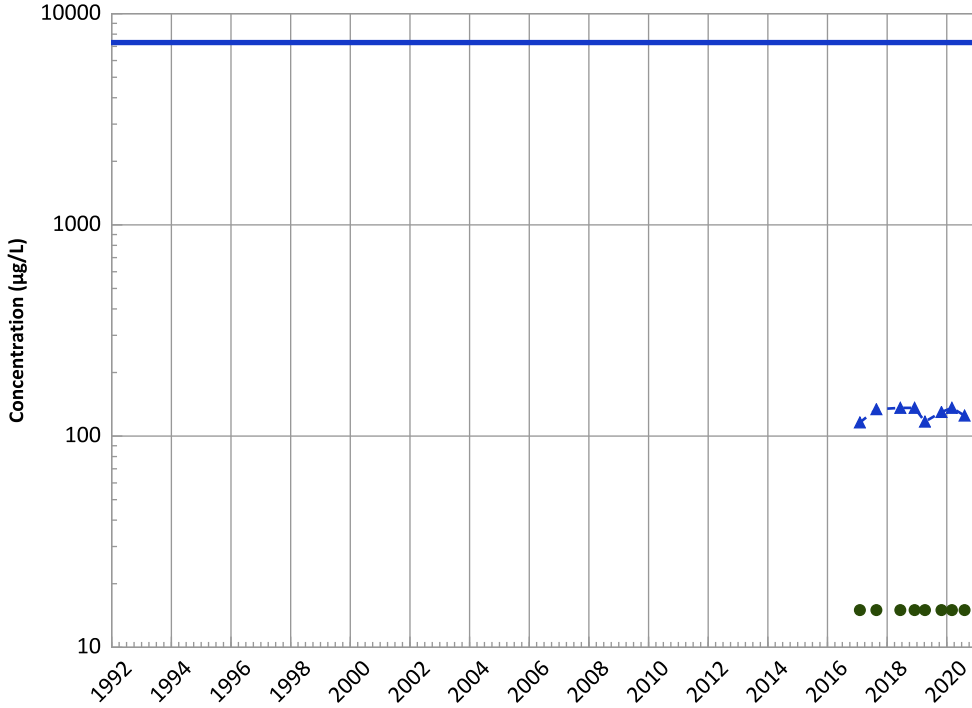
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

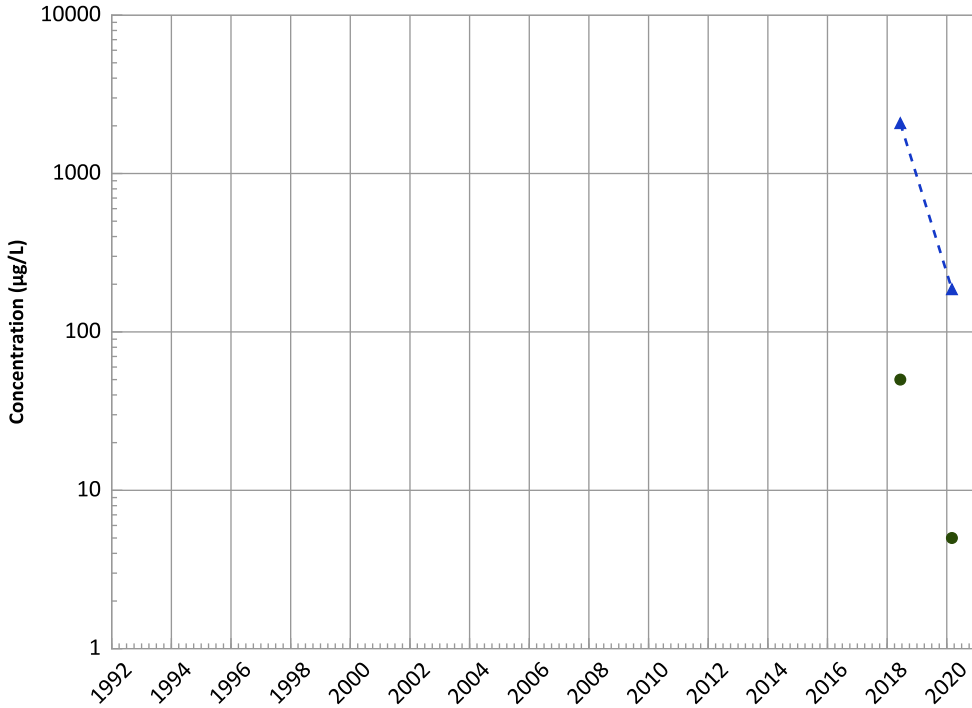
2018 - 2020 Data:

No Trend

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

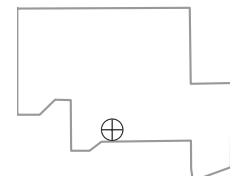
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

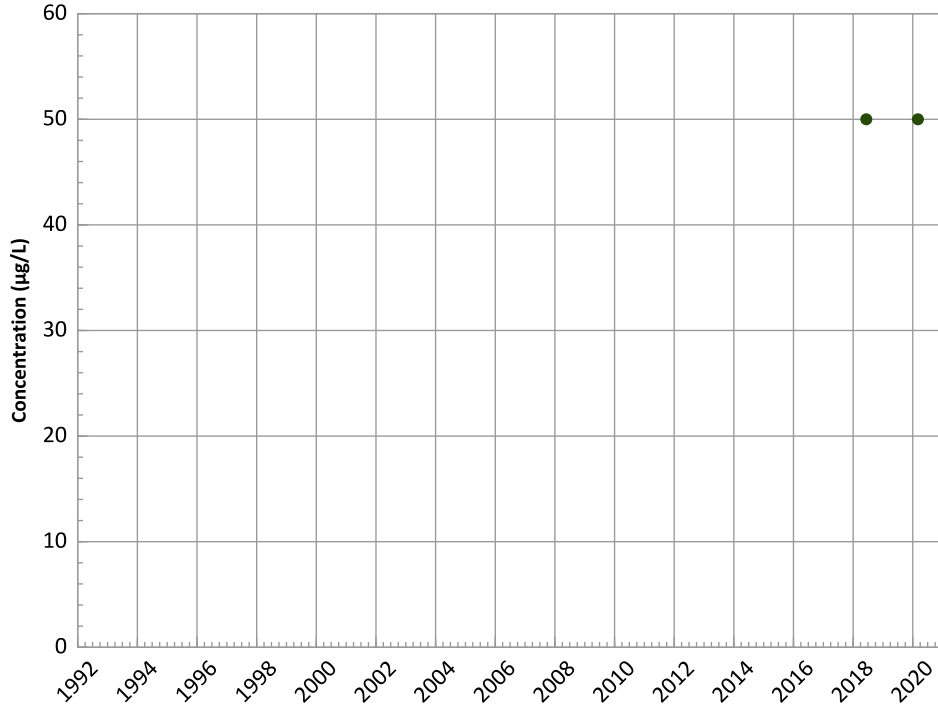


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

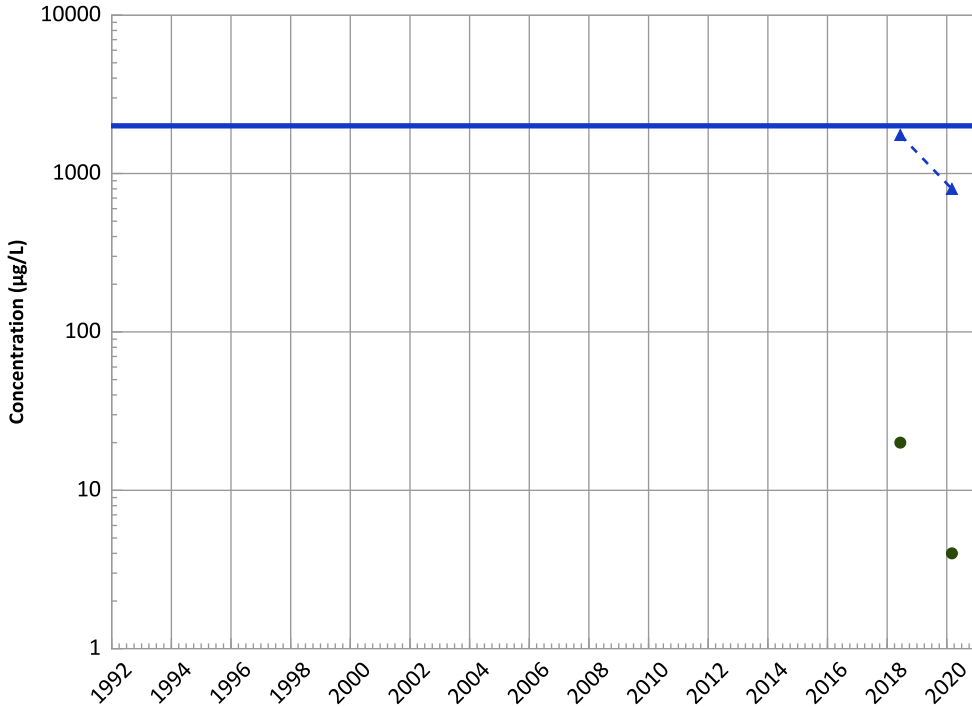
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

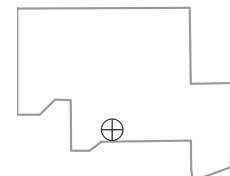
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

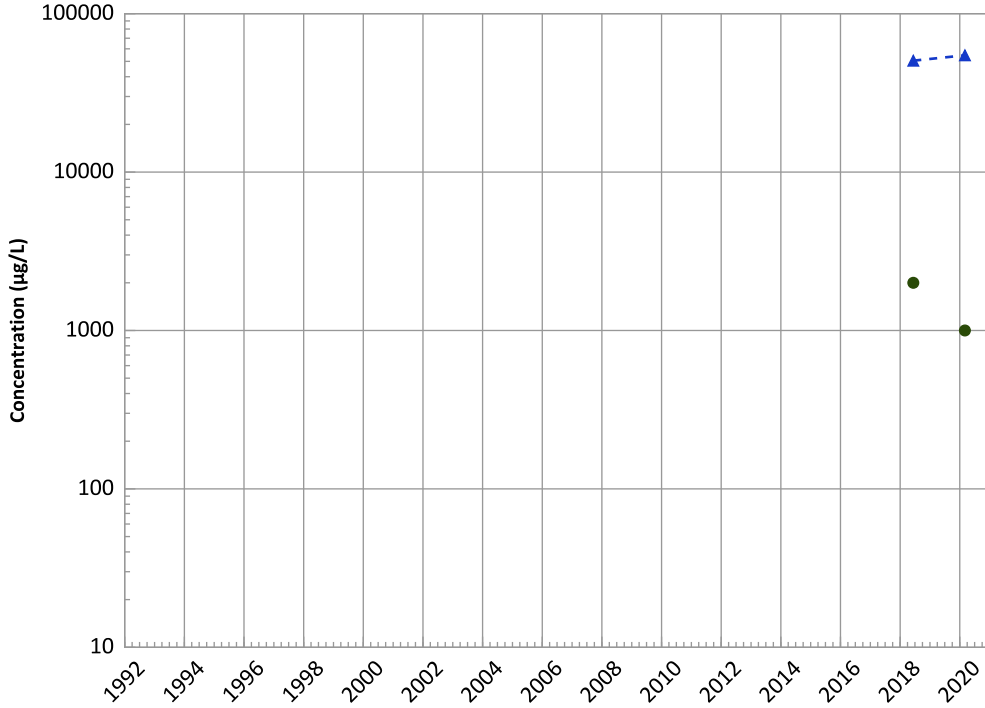


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

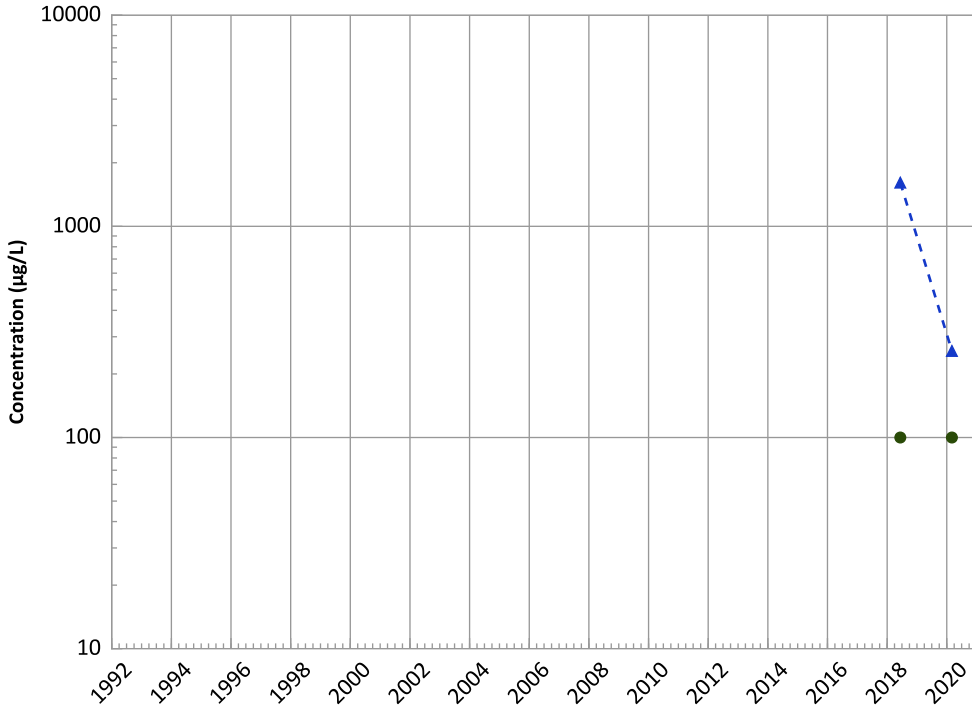
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

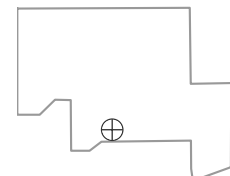
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Well Location

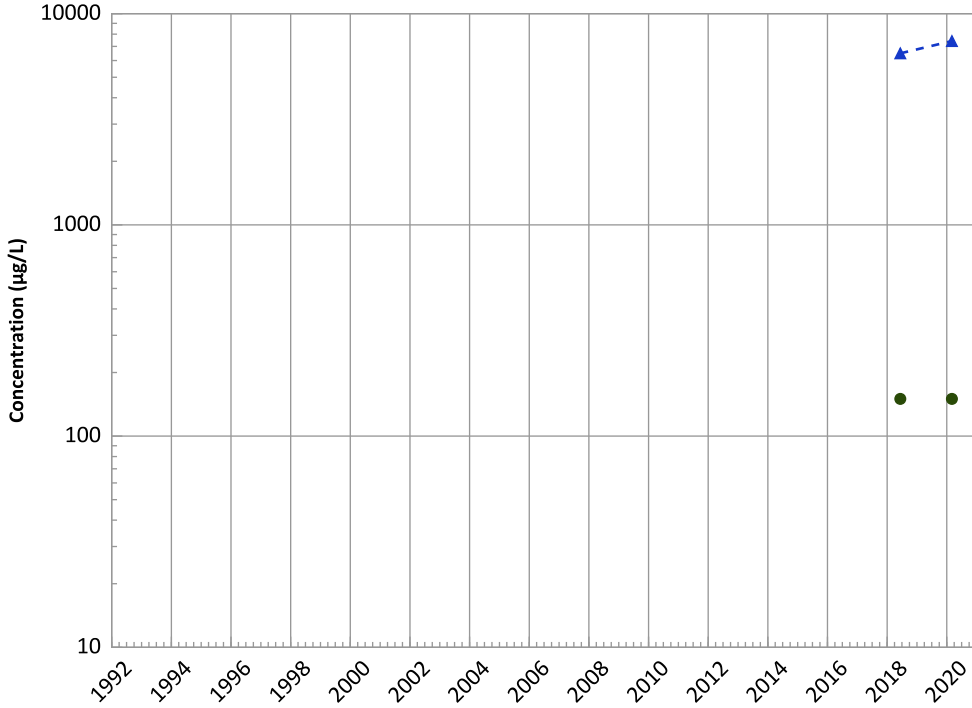


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

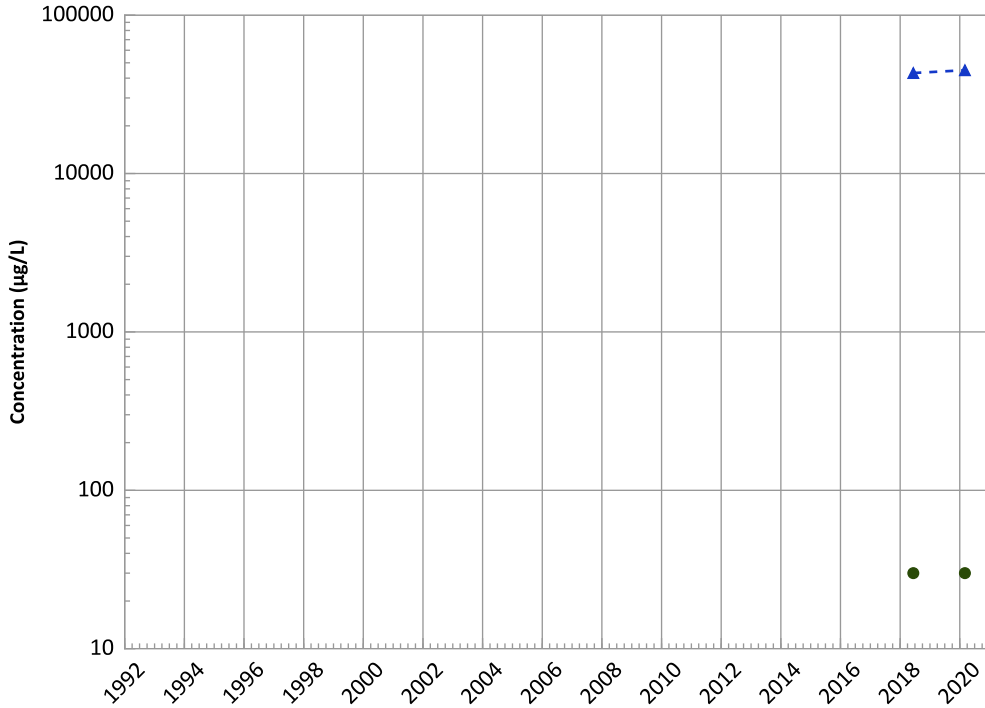


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Magnesium Trend

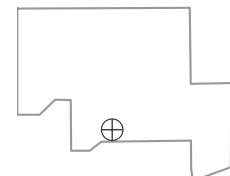


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

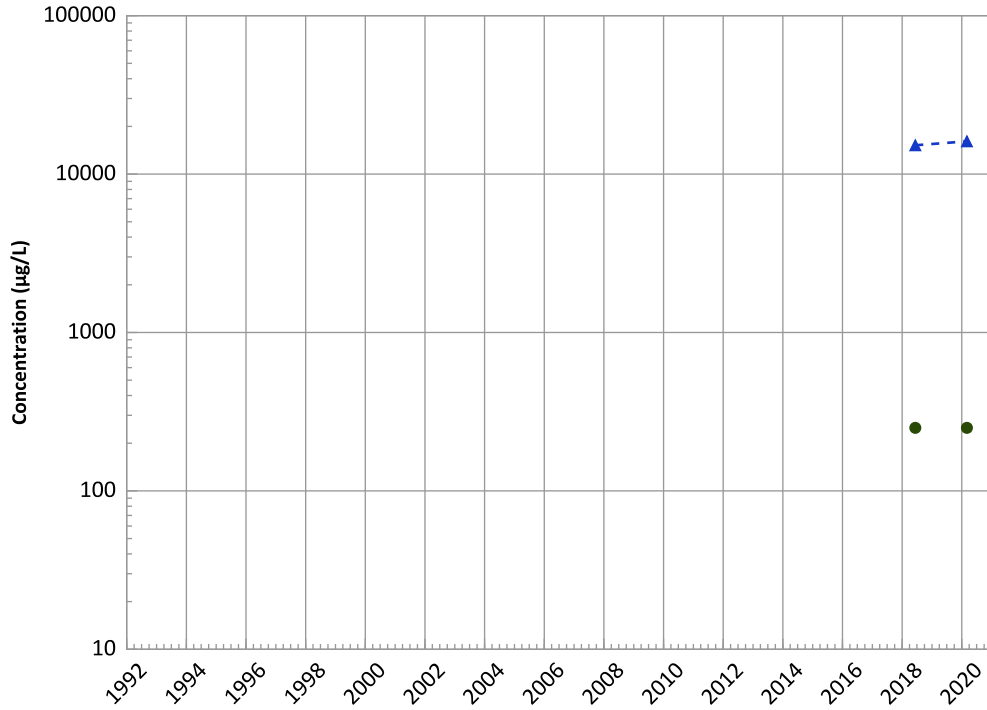
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/09/2015 to 08/06/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1180 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

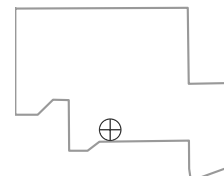
2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

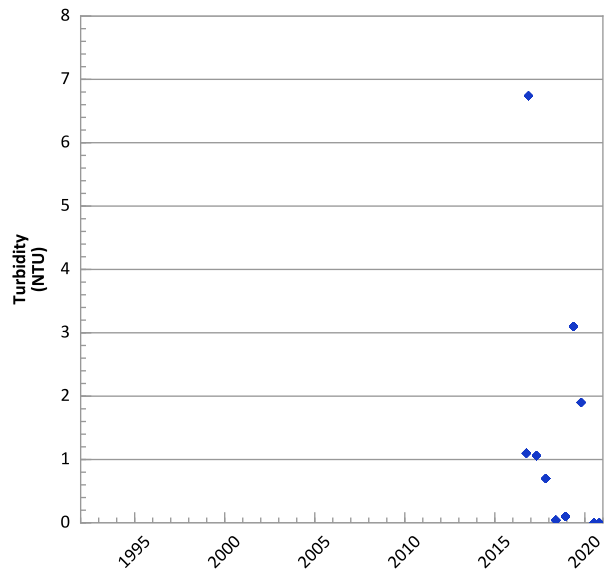
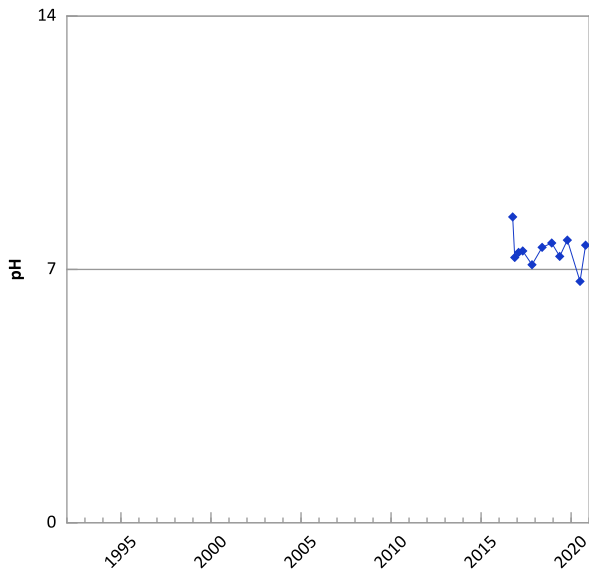
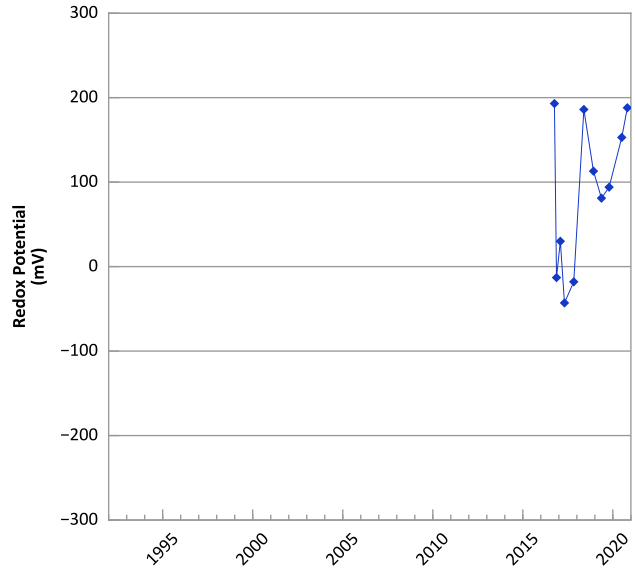
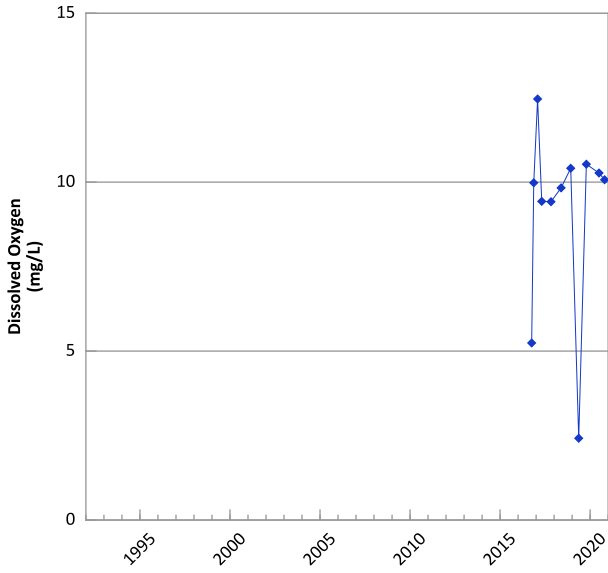
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/09/2015 to 08/06/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

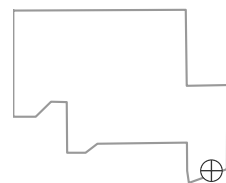


**PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



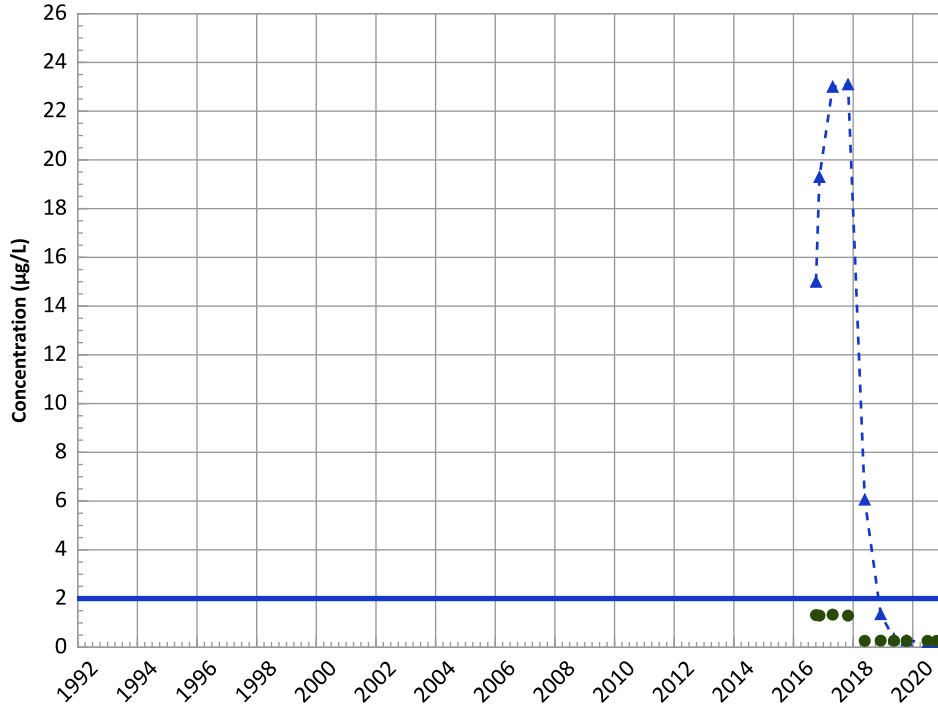
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/03/2016 to 10/21/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

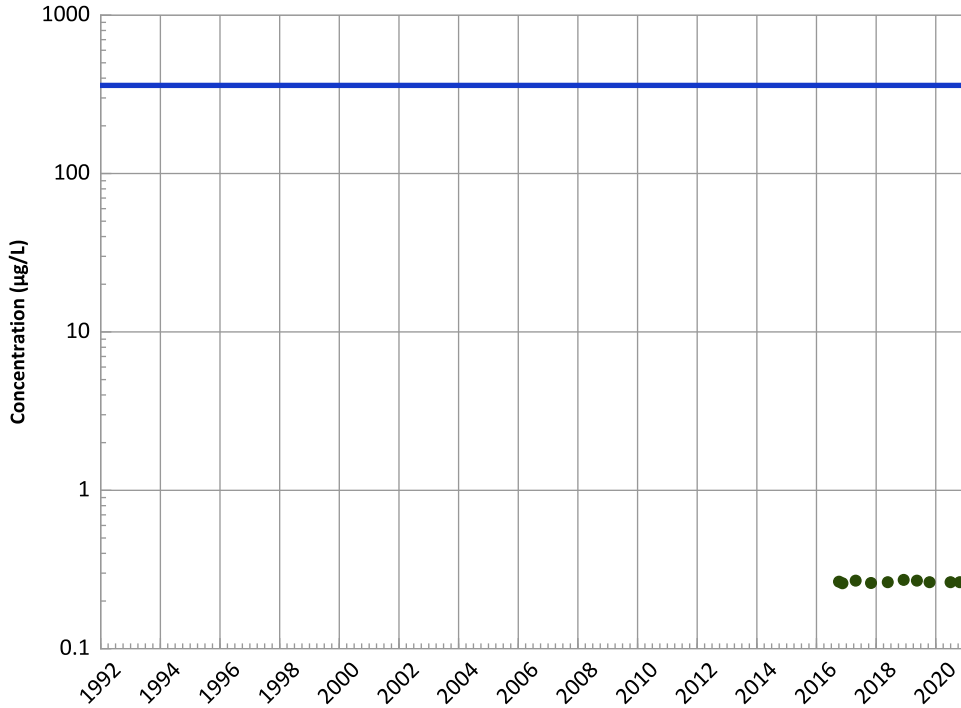
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

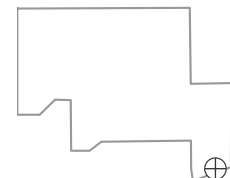
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

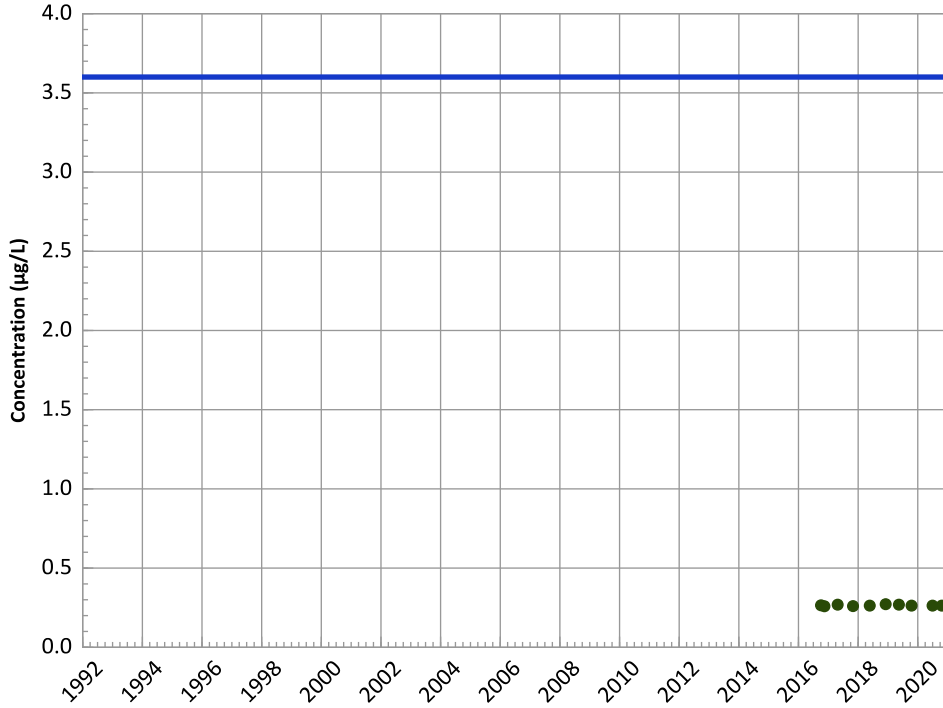
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

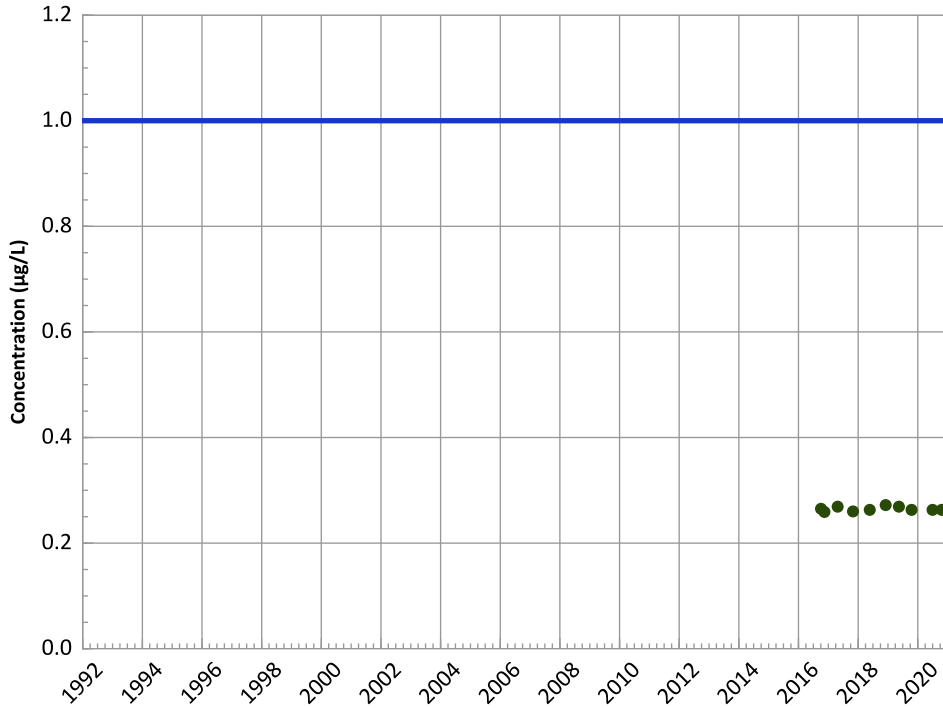
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

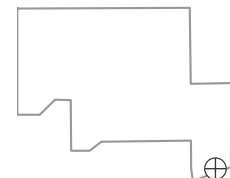
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

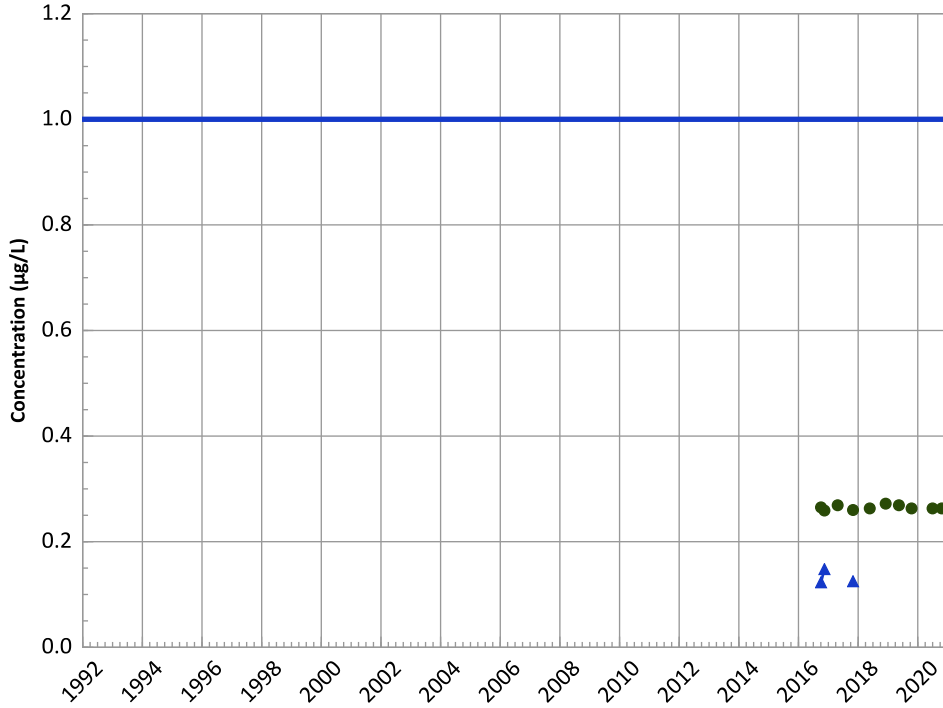


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

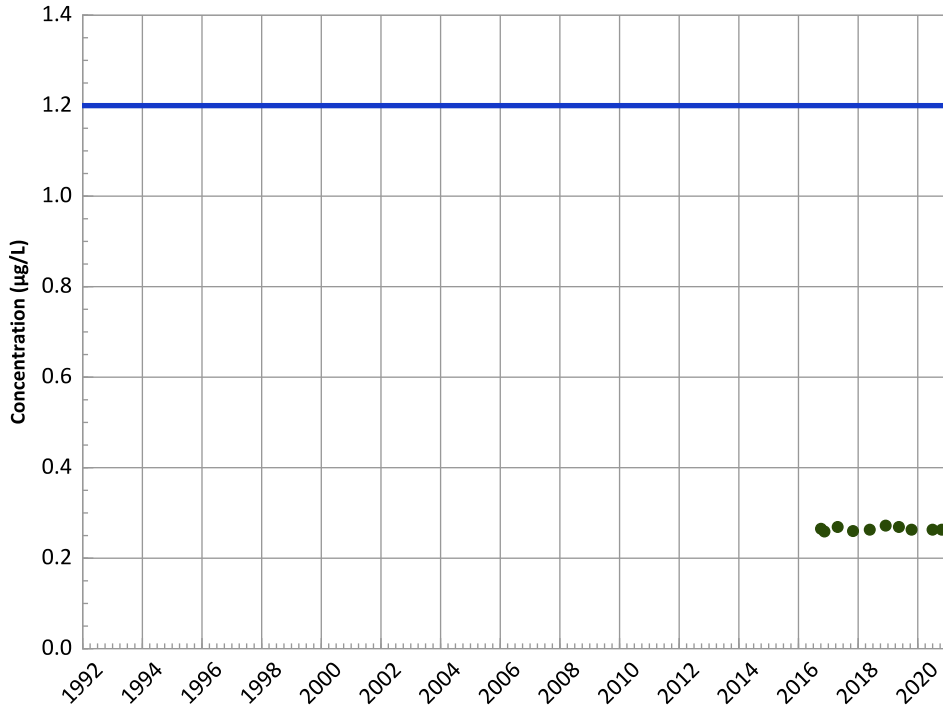
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

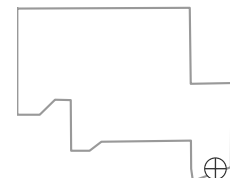
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

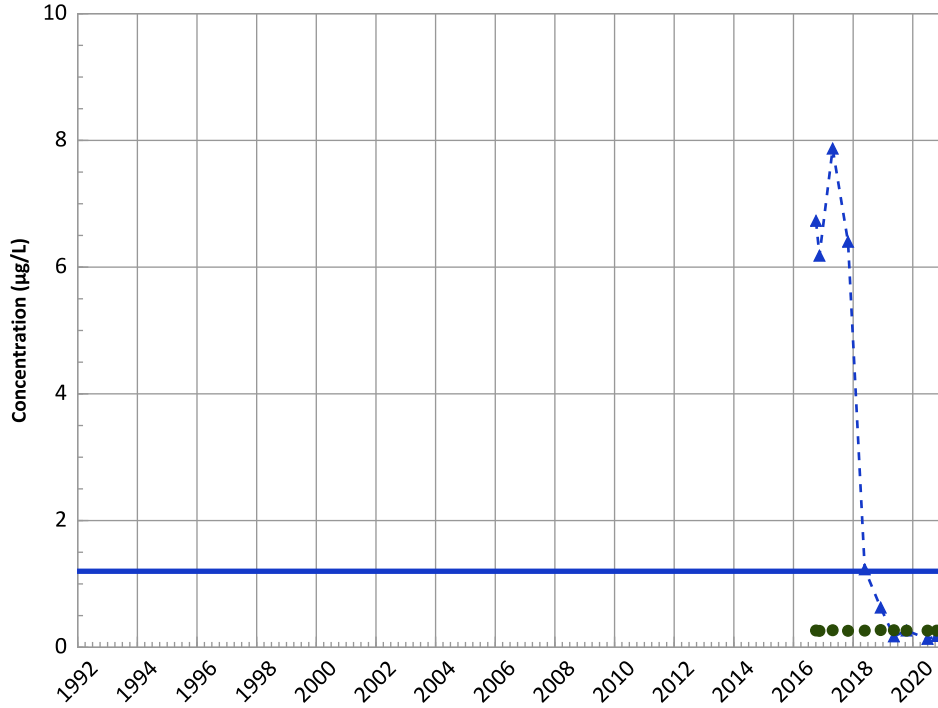
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

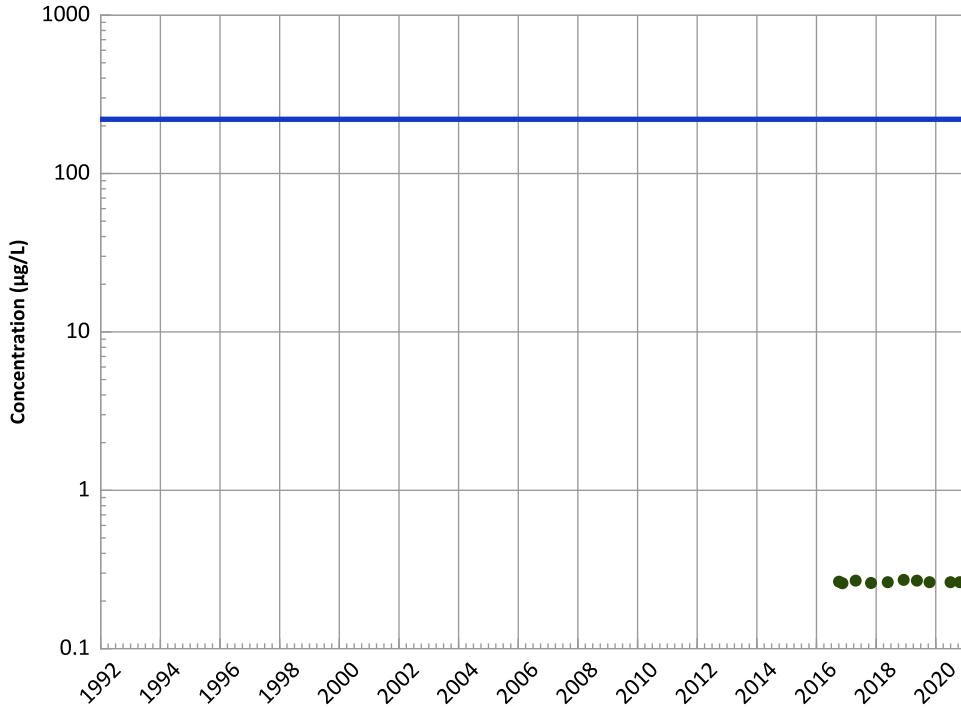
2018 - 2020 Data:

Stable

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

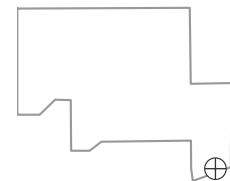
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

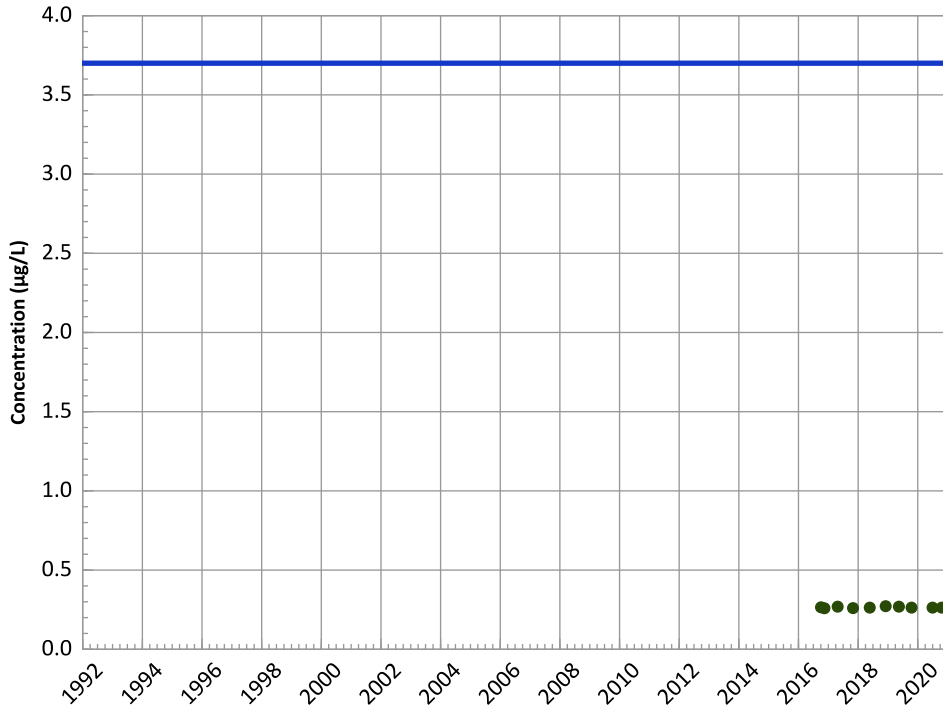
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

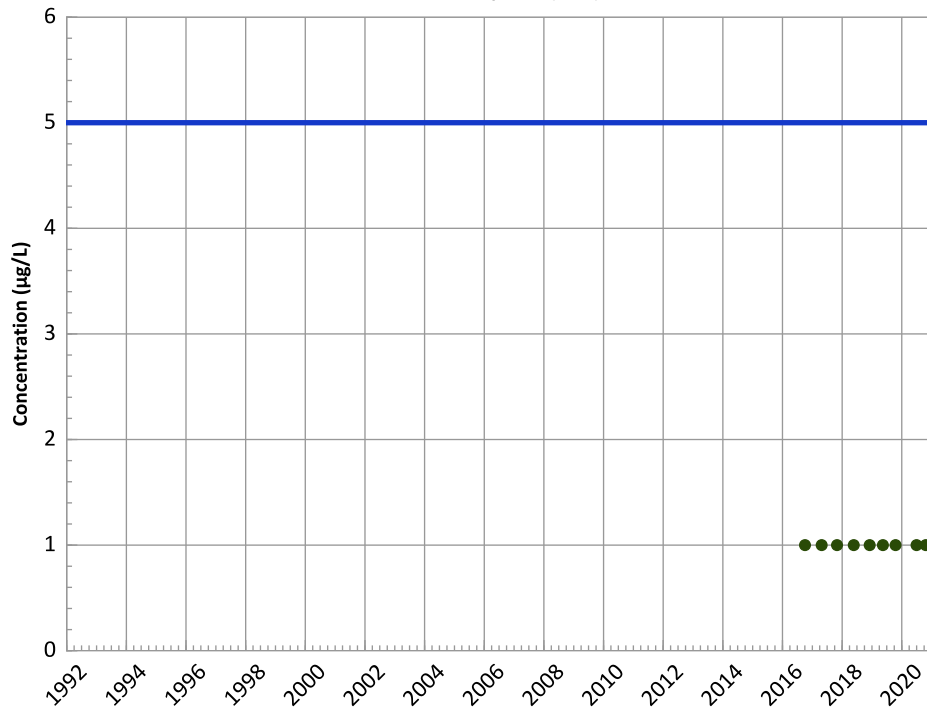
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

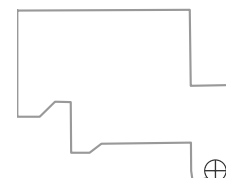
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

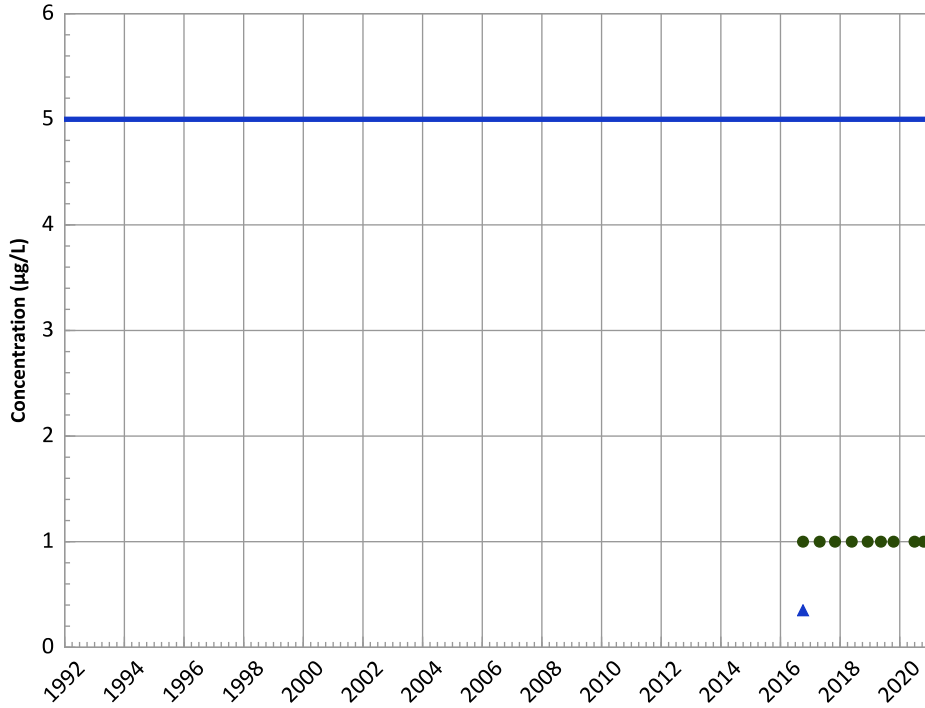
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

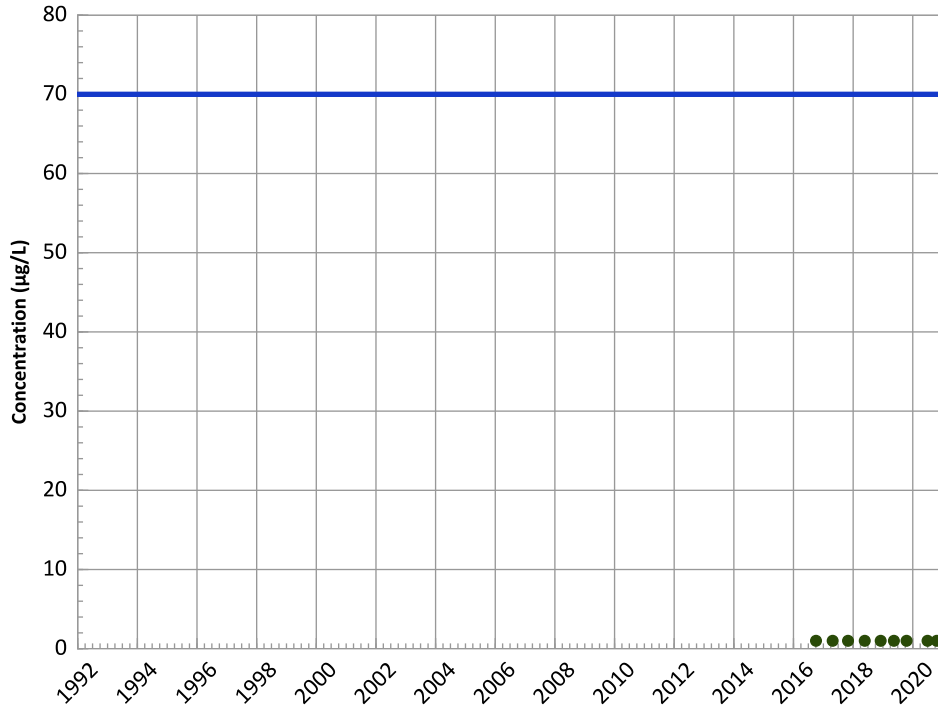
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

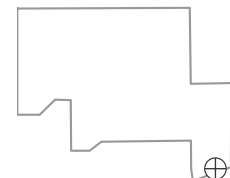
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

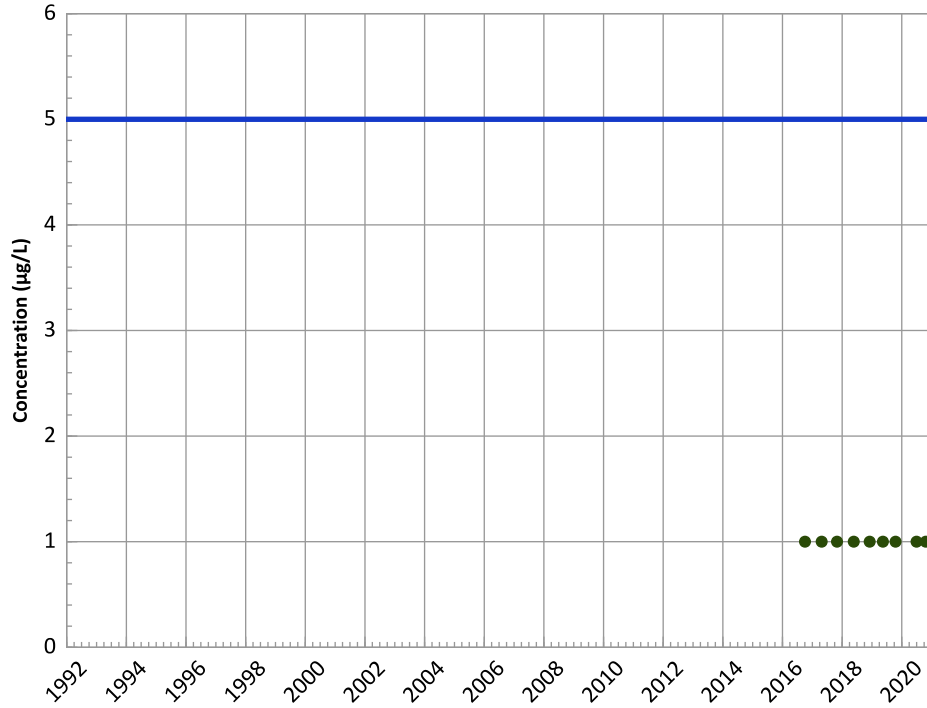
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

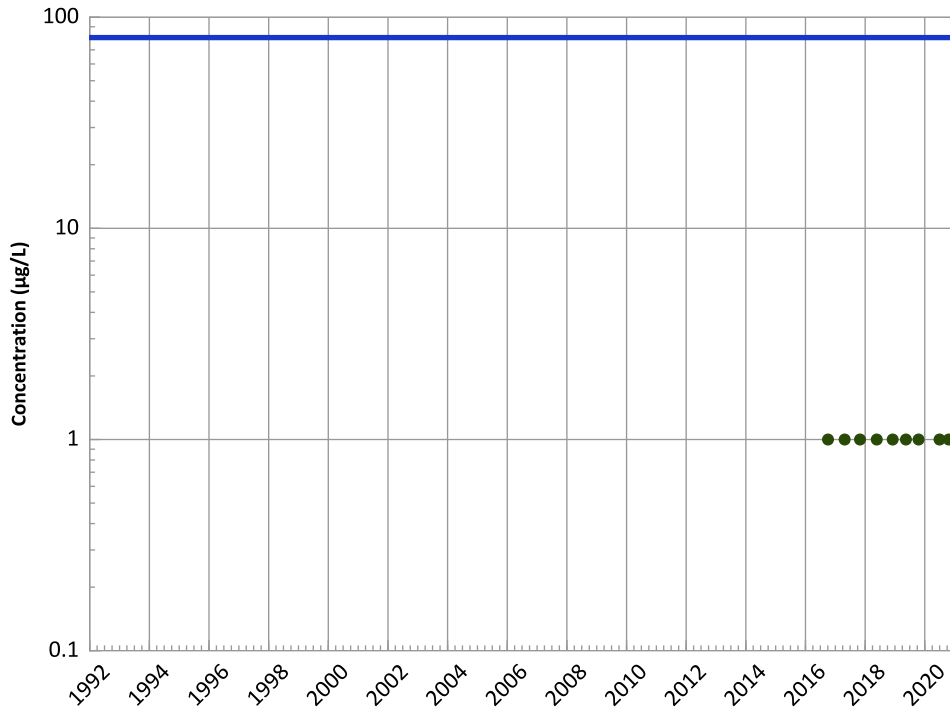
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

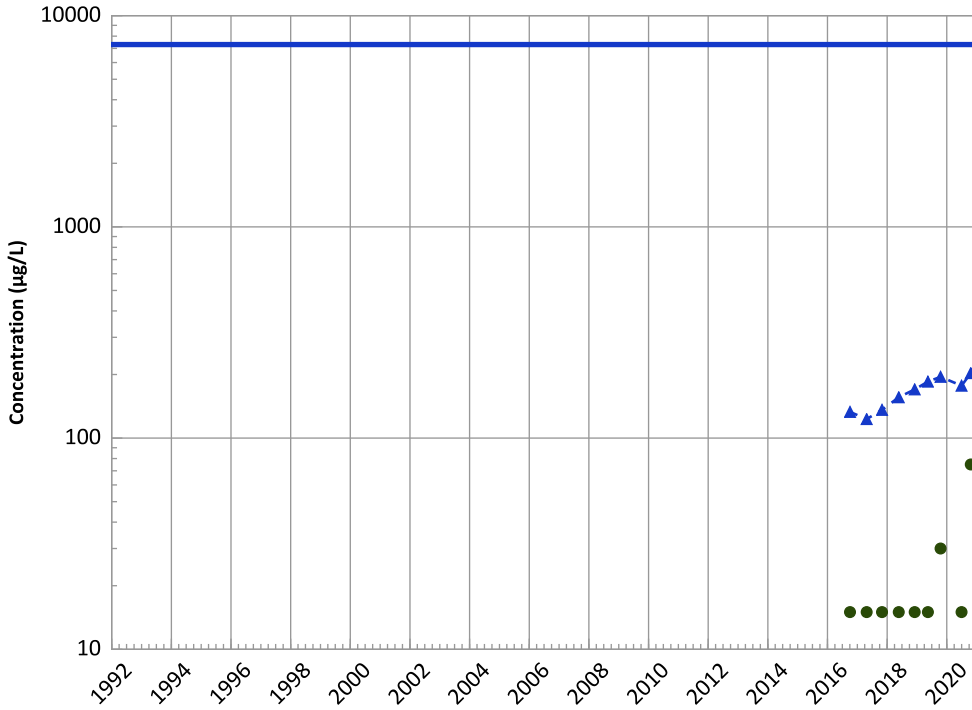
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

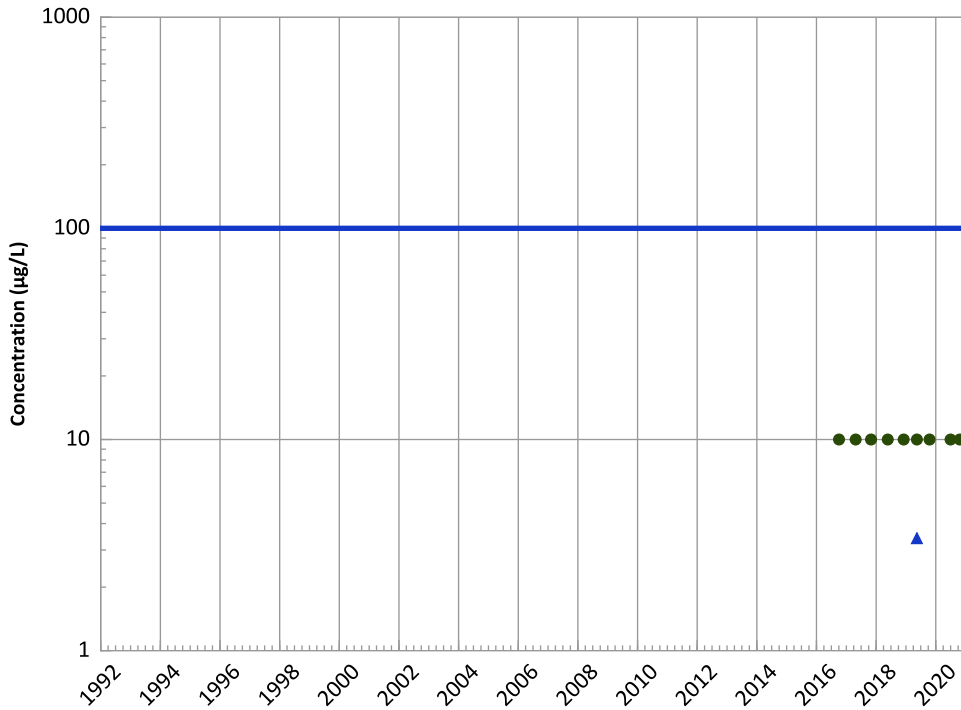


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend

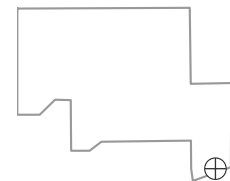


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

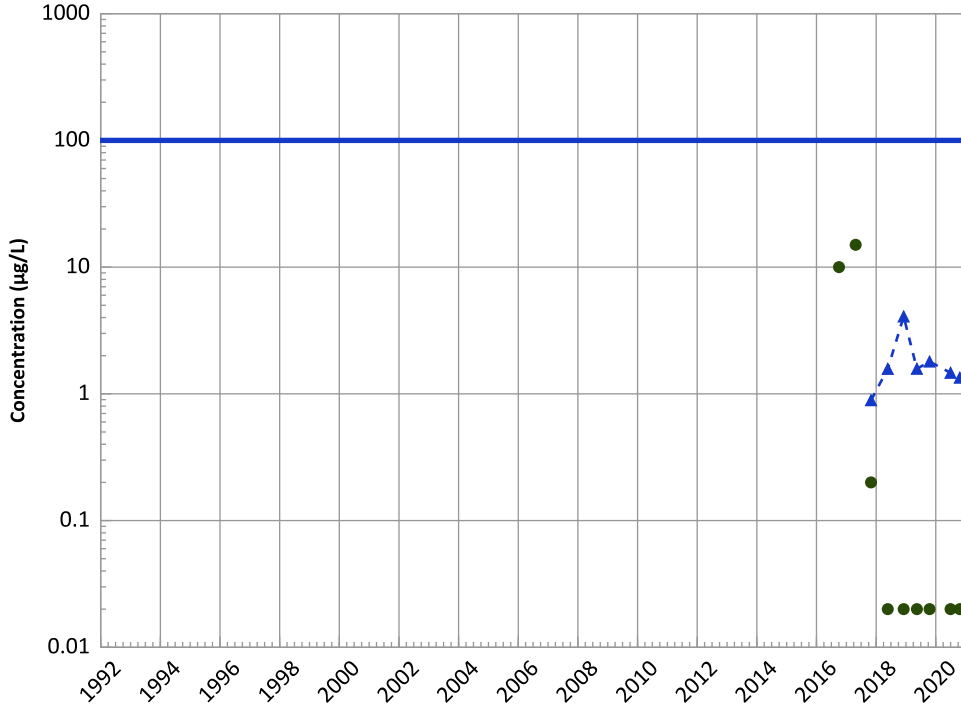


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

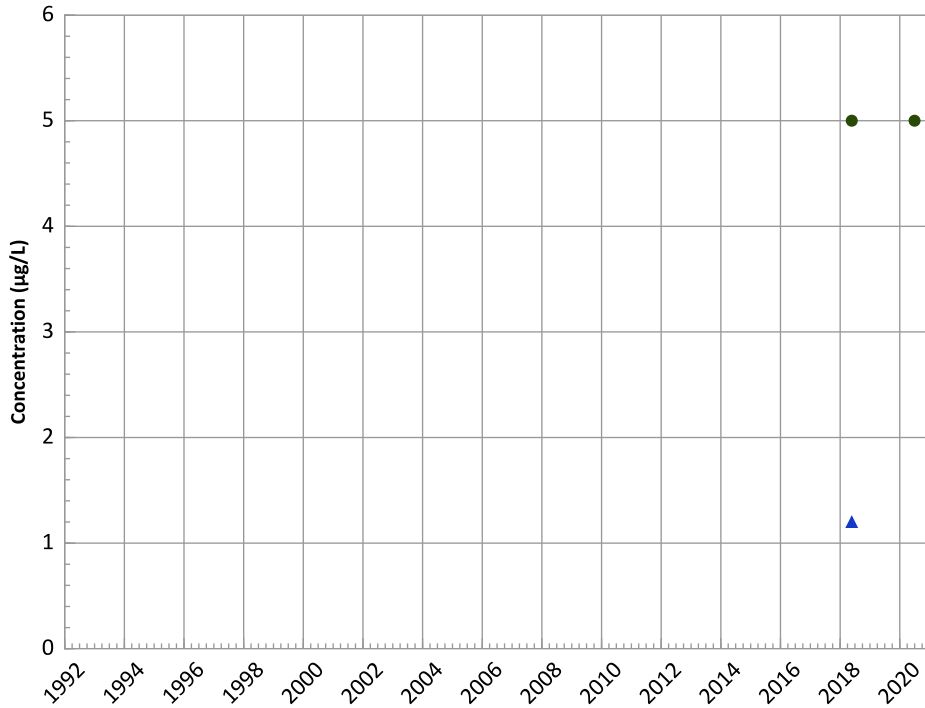
2018 - 2020 Data:

Stable

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

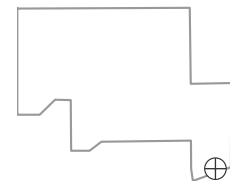
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

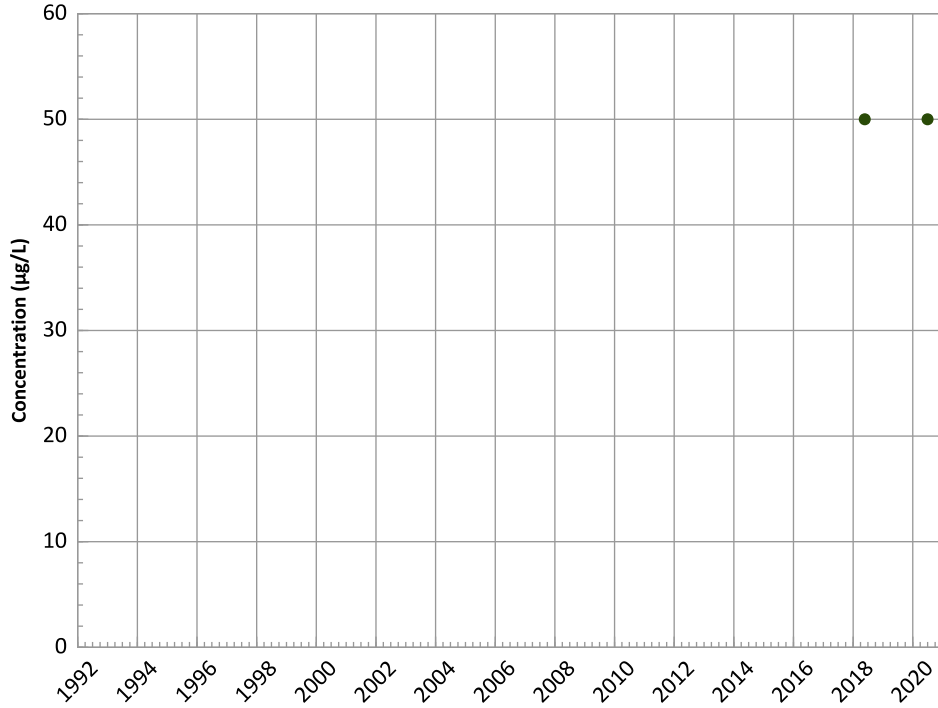


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

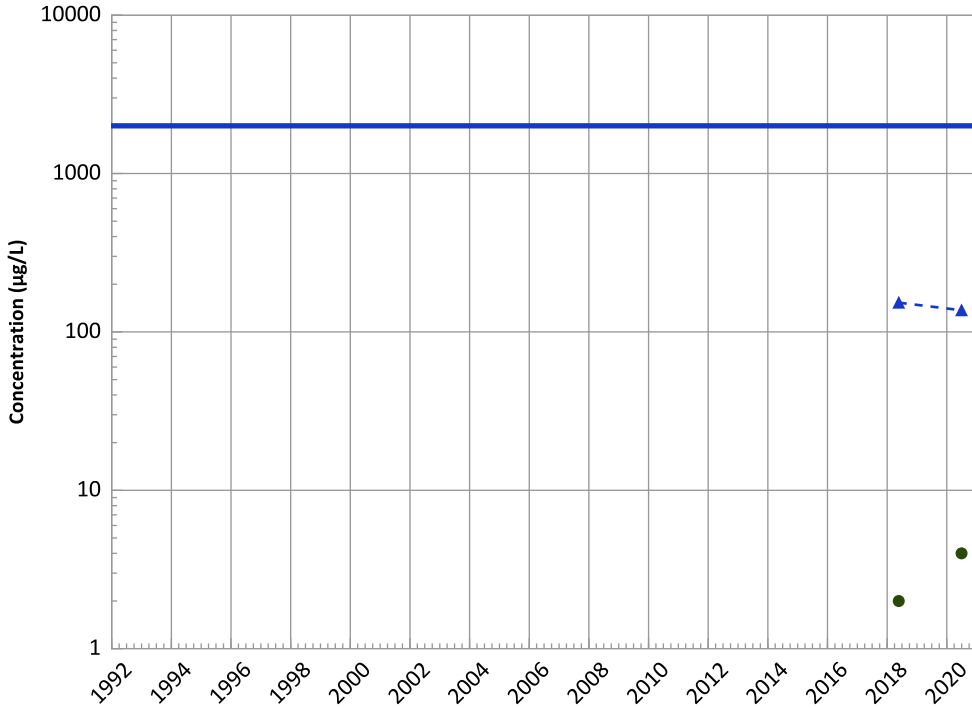


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend

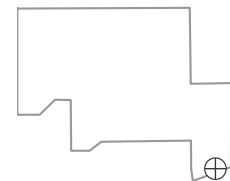


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

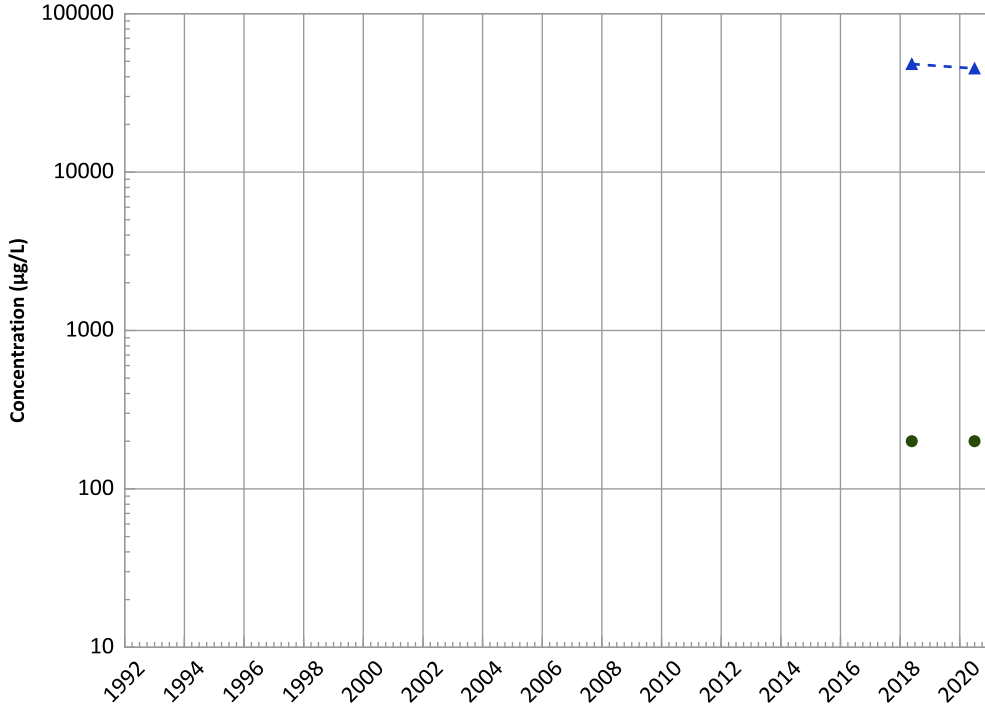


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

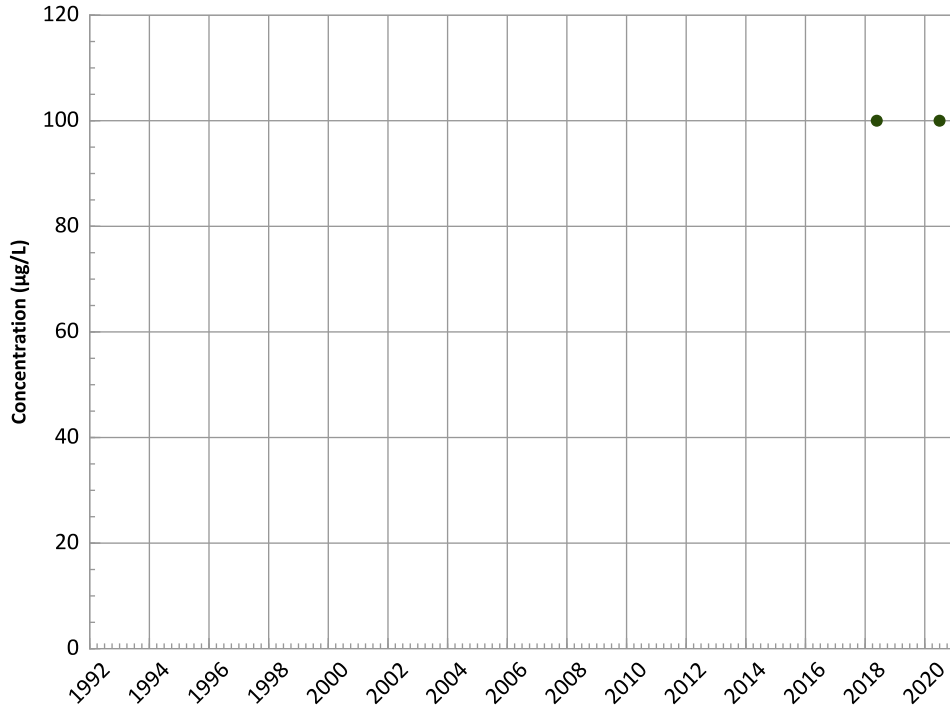
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Non-Detect

Well Location

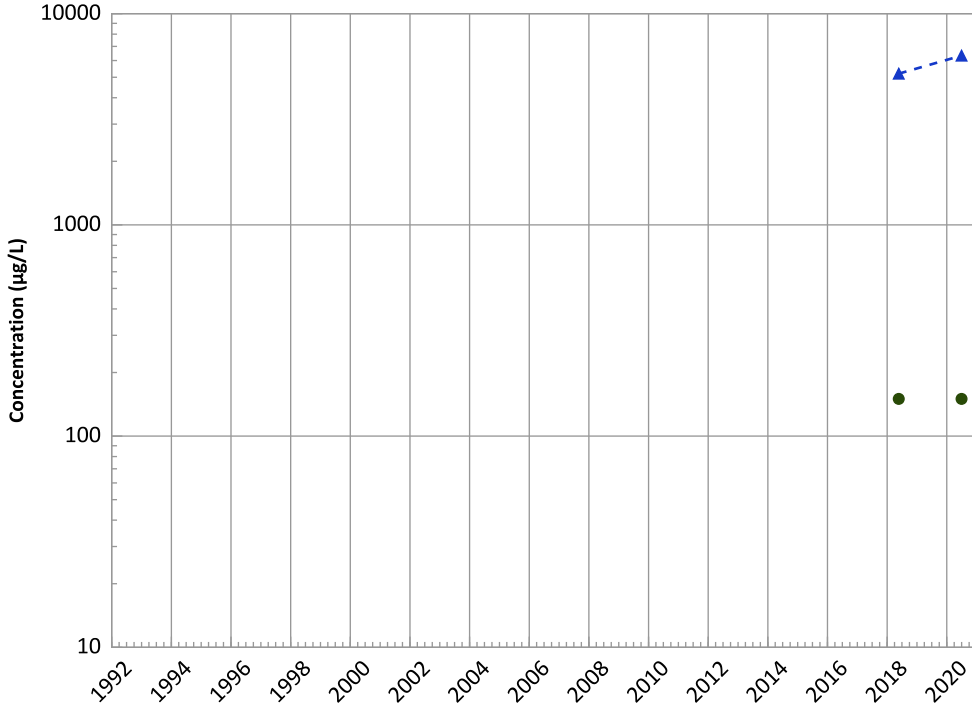


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

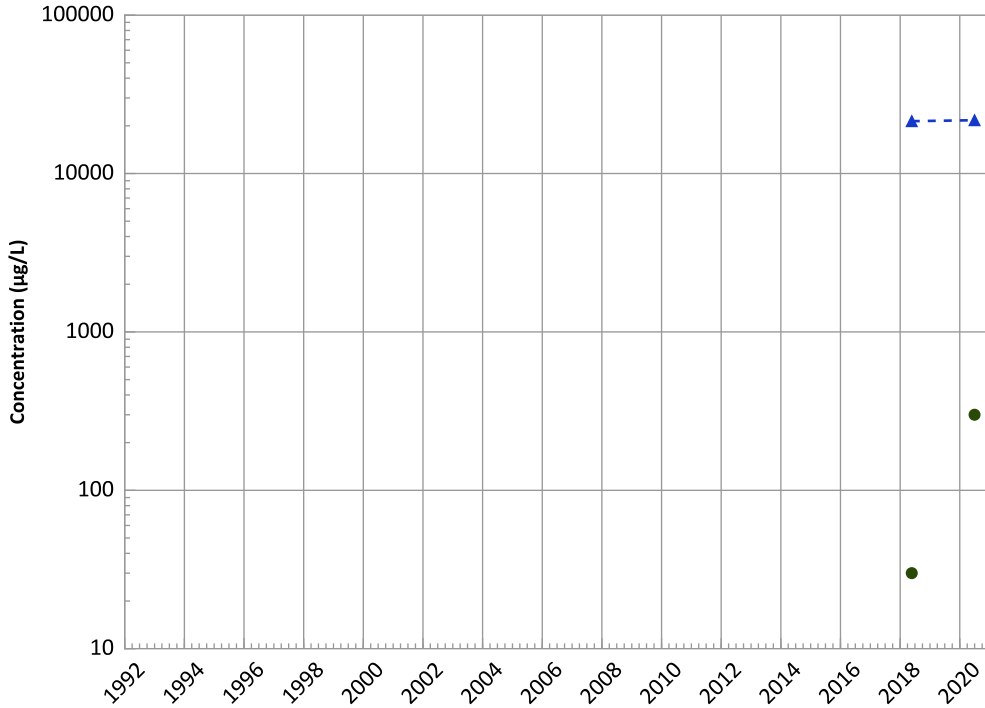
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

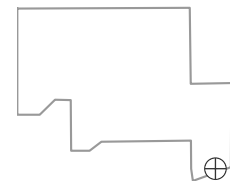
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

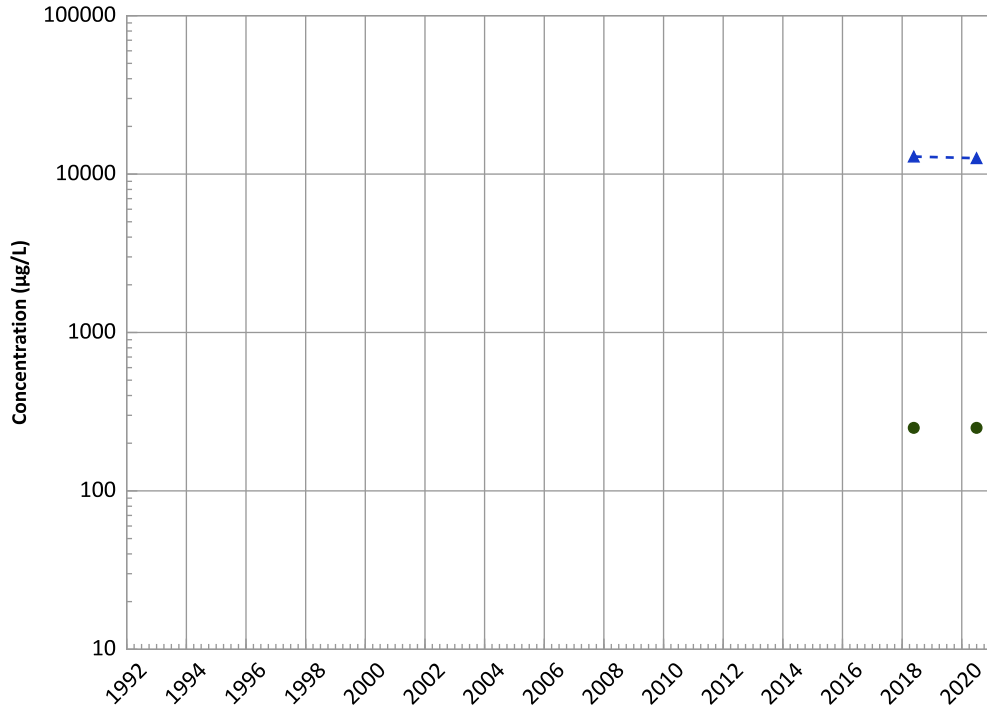
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/03/2016 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1182 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method
 2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

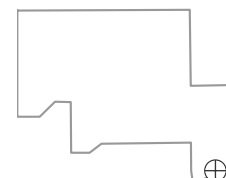
All Data:

N/A (<4 Detections in Dataset)

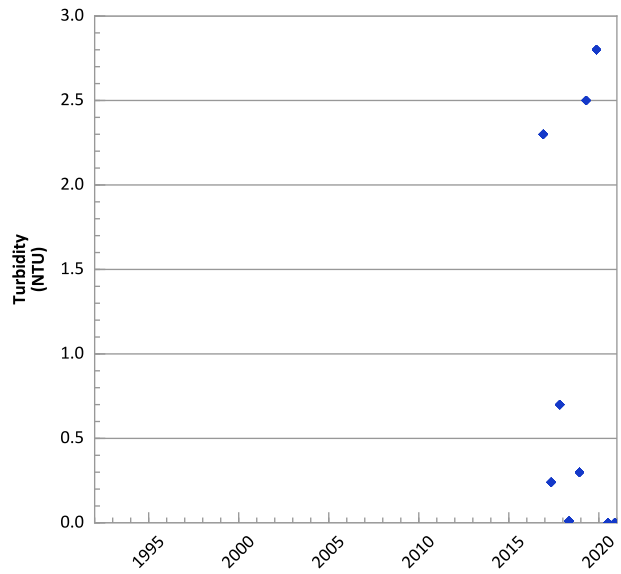
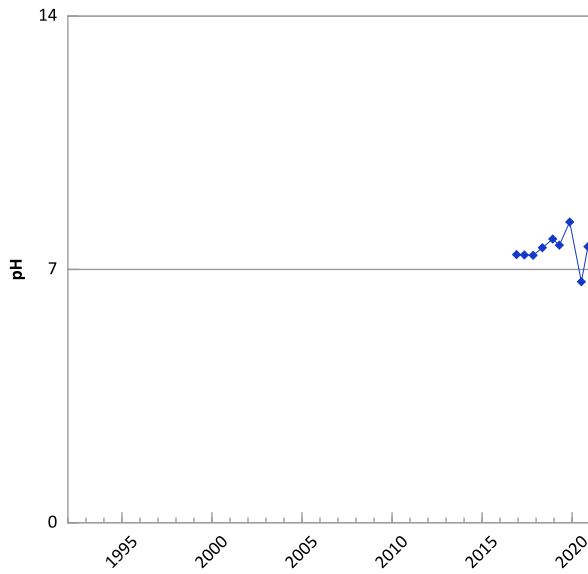
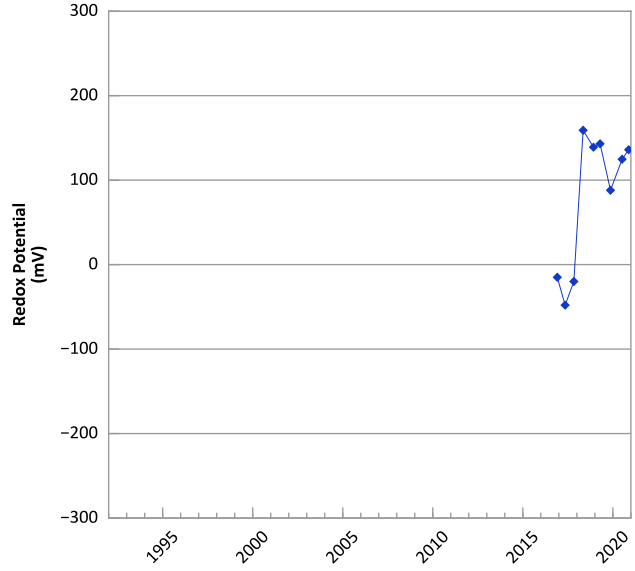
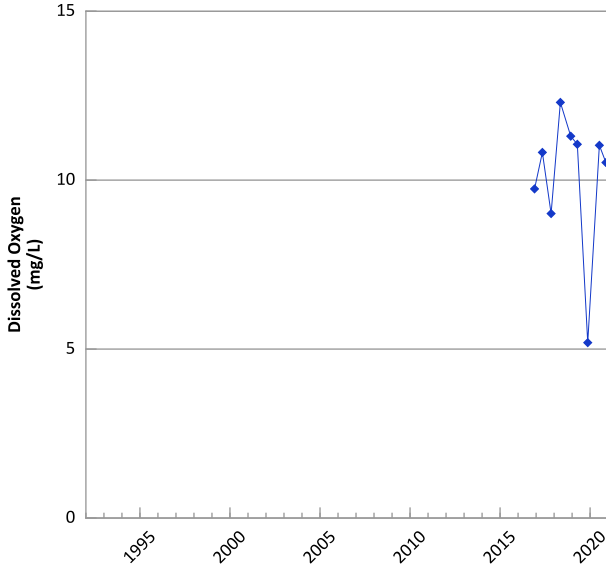
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/03/2016 to 10/21/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

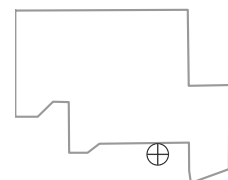


**PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



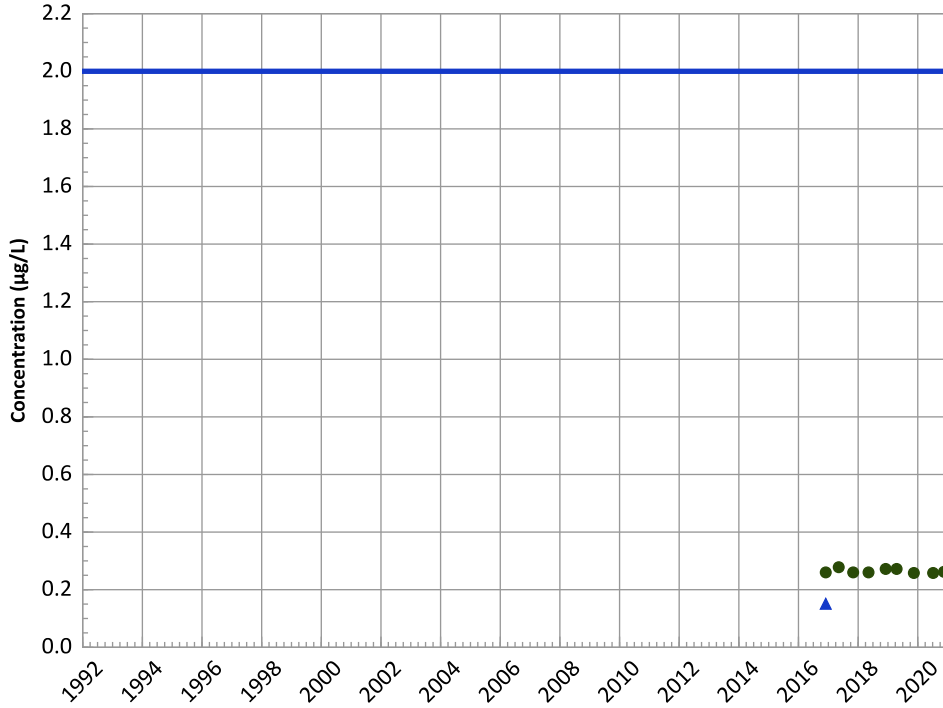
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/30/2016 to 11/17/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

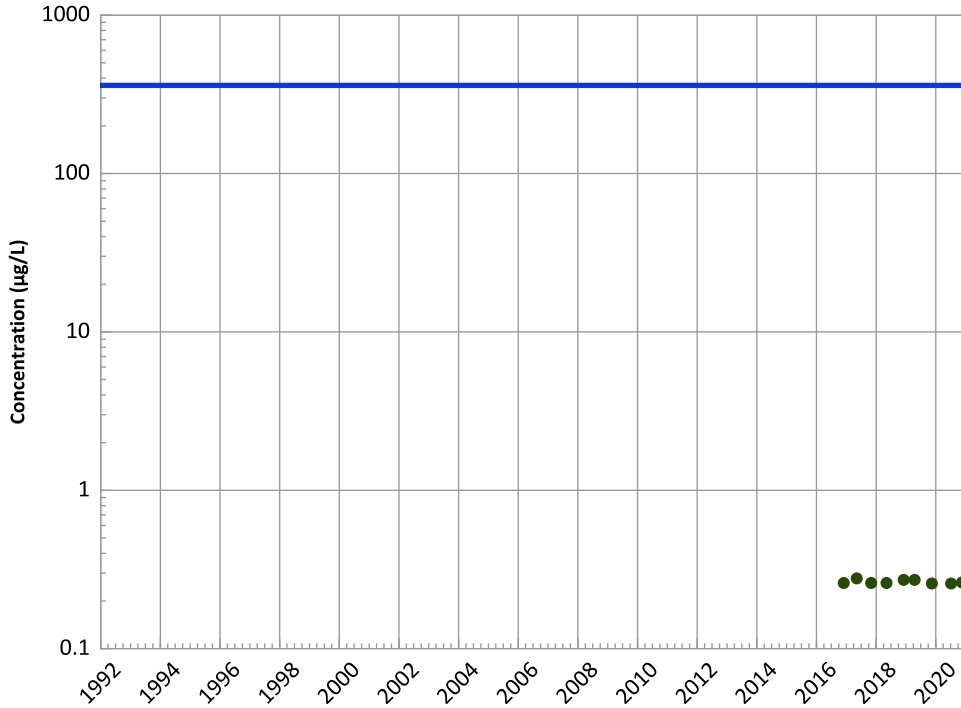
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

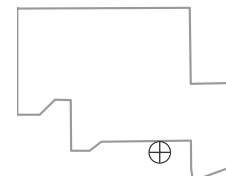
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

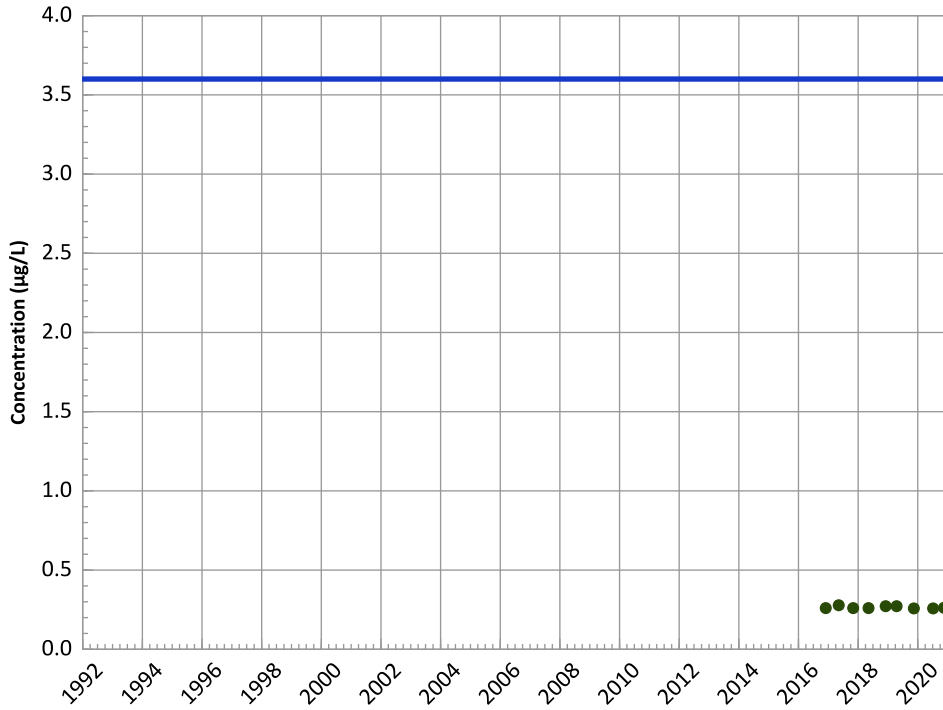
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

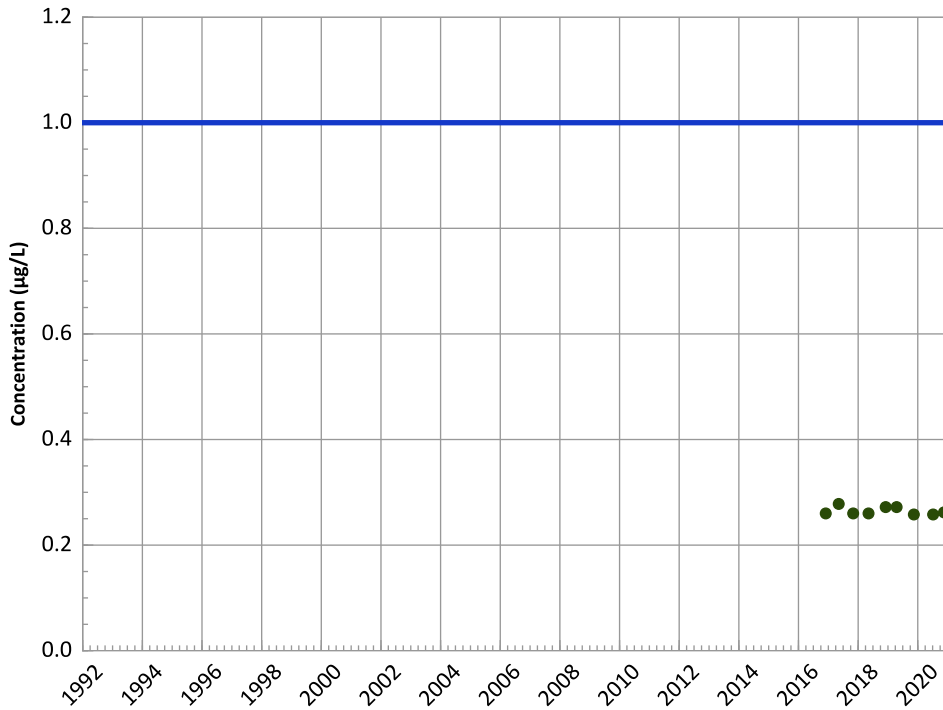
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

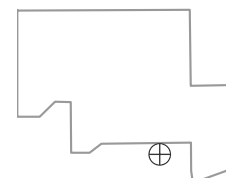
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

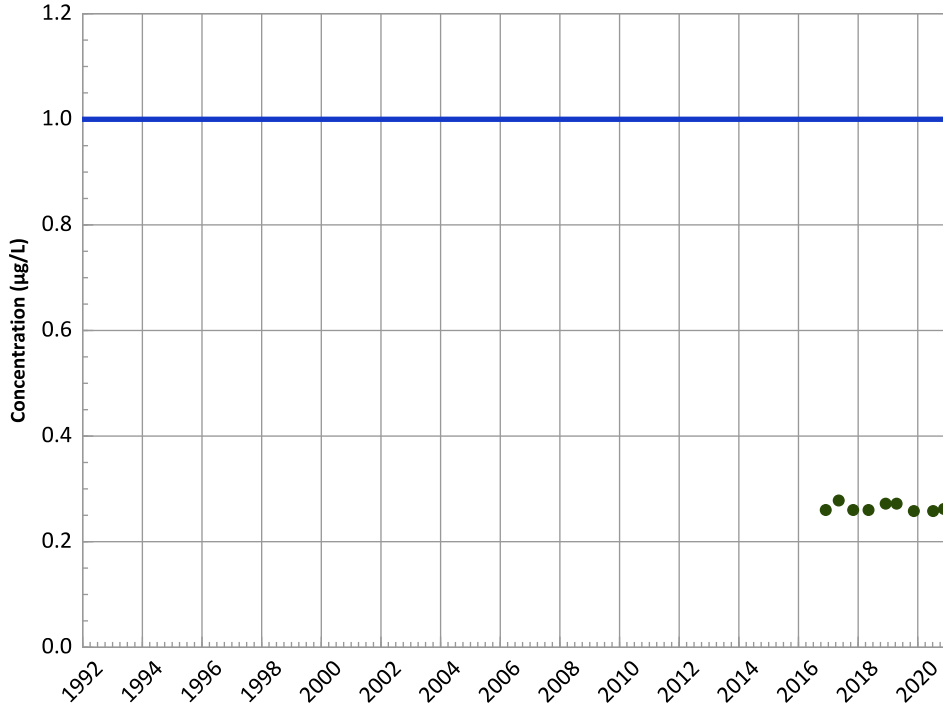
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

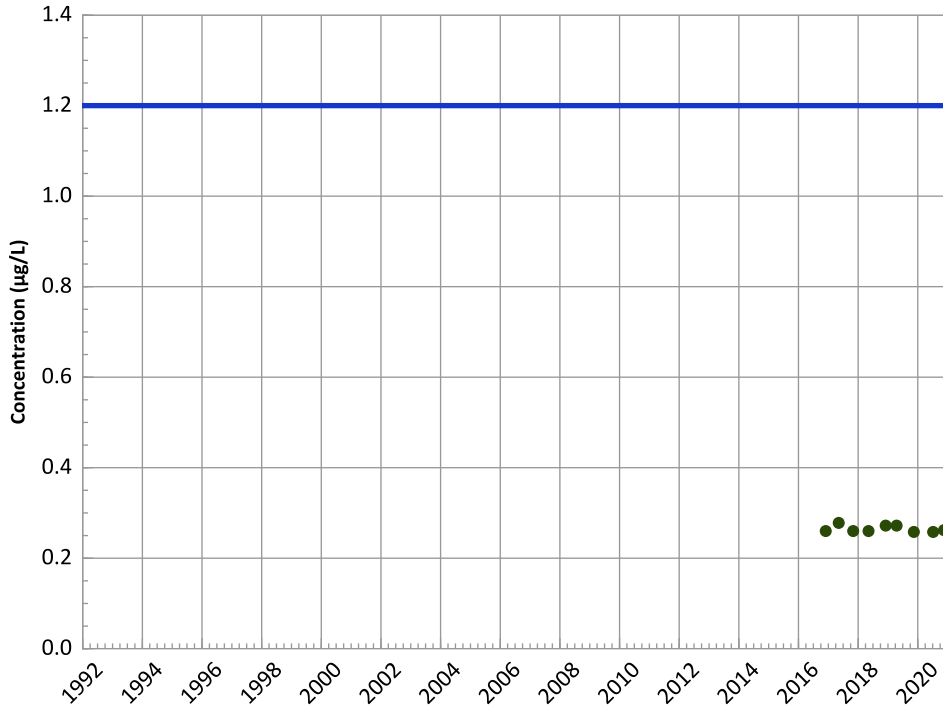
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

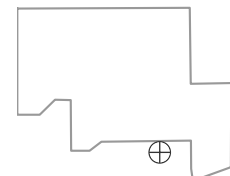
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

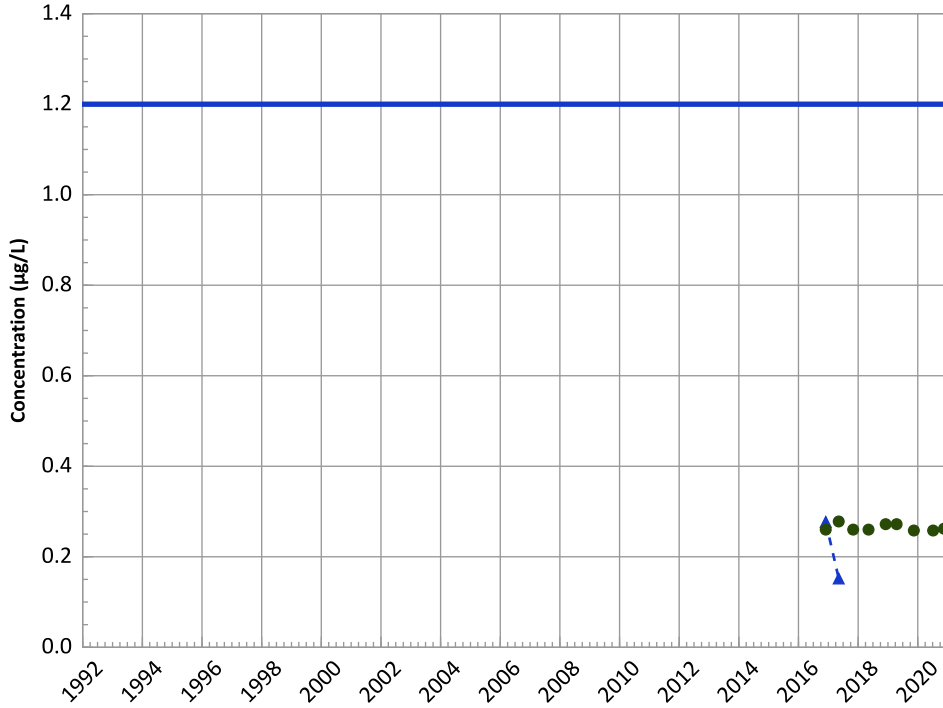
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

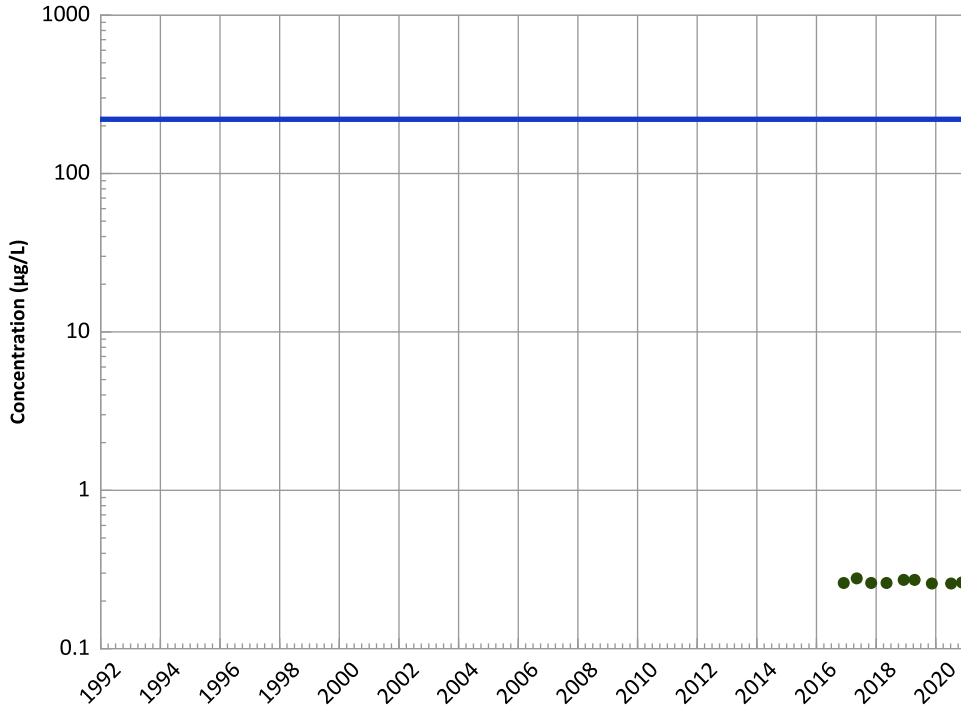
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

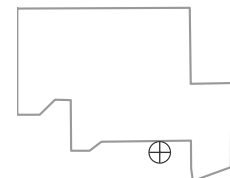
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

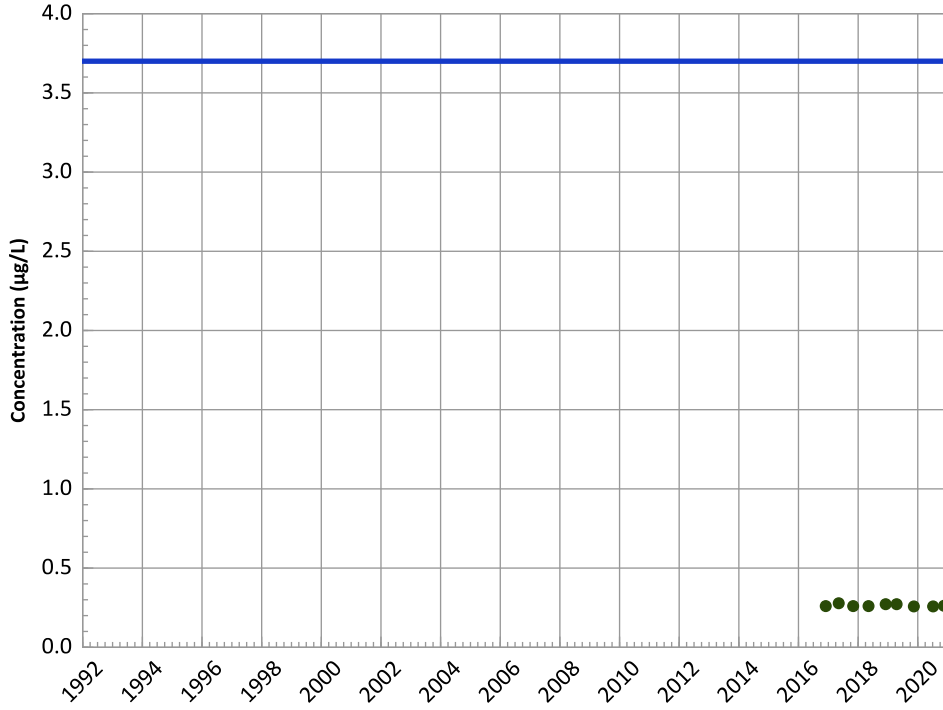
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

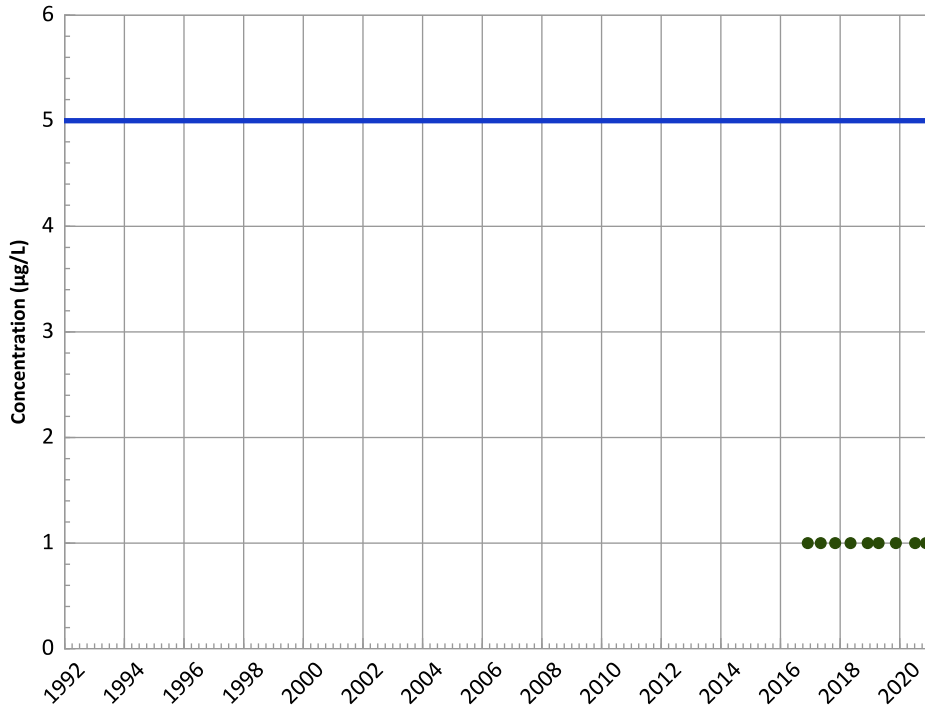
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

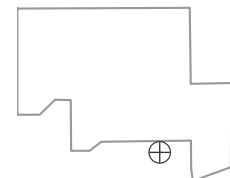
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

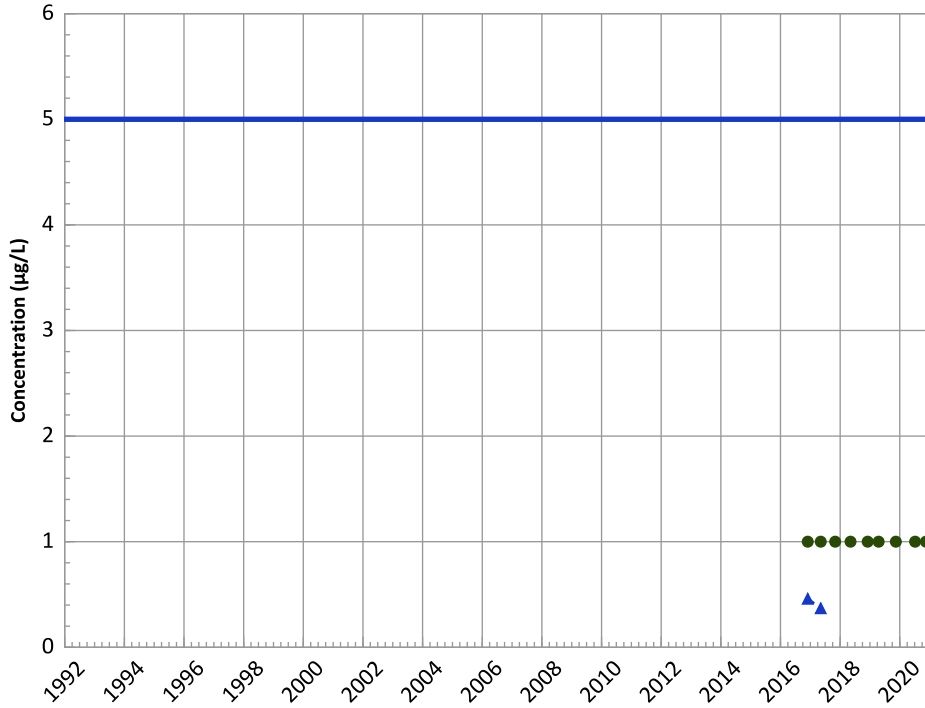
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

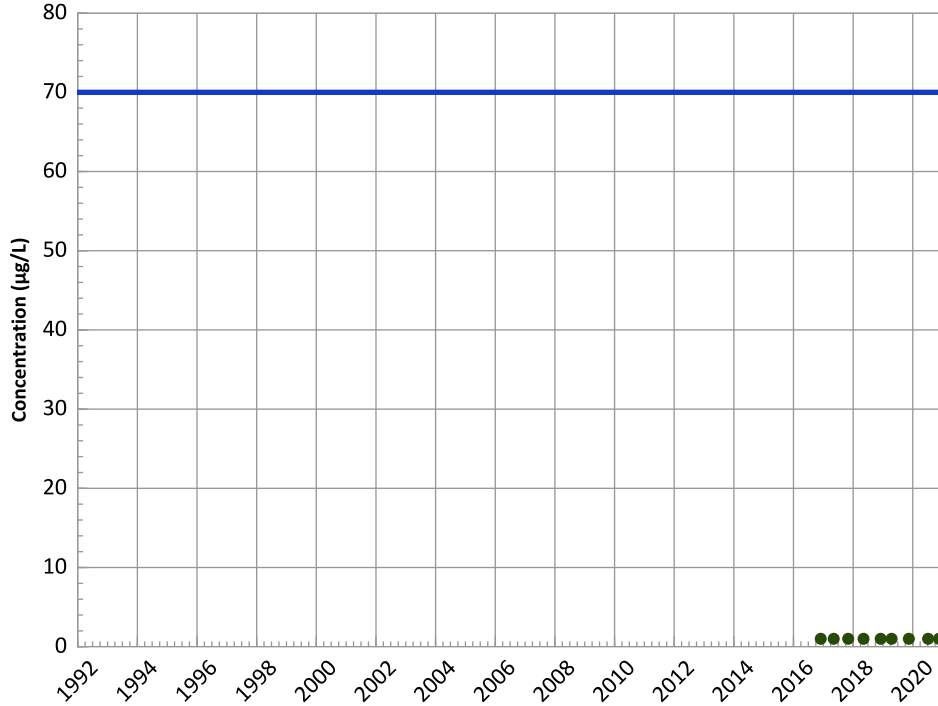
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

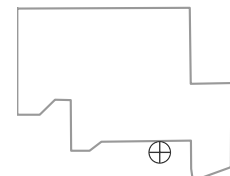
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

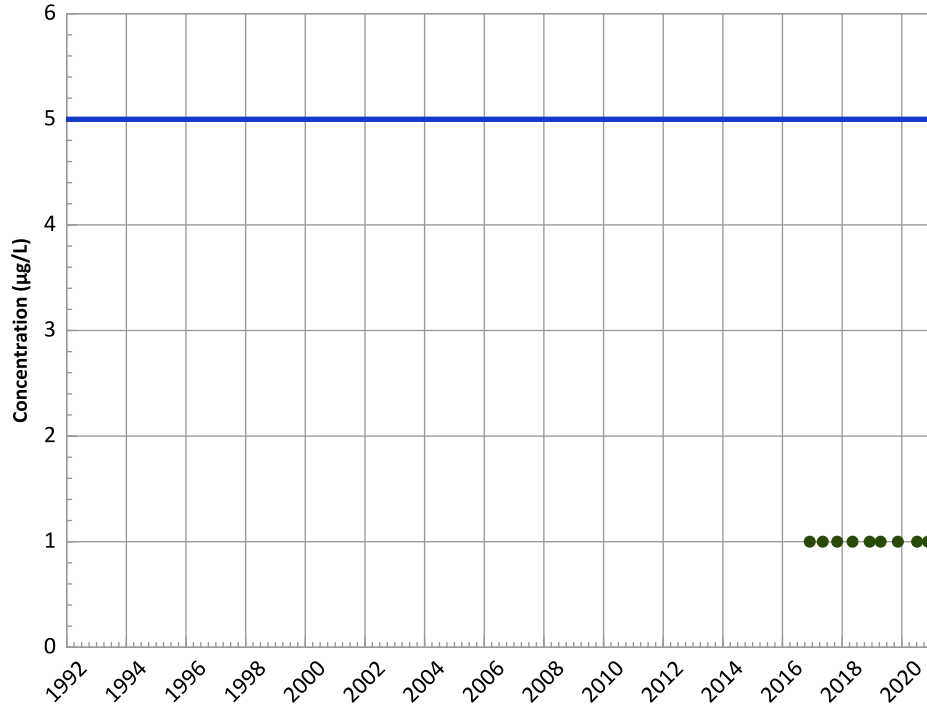
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

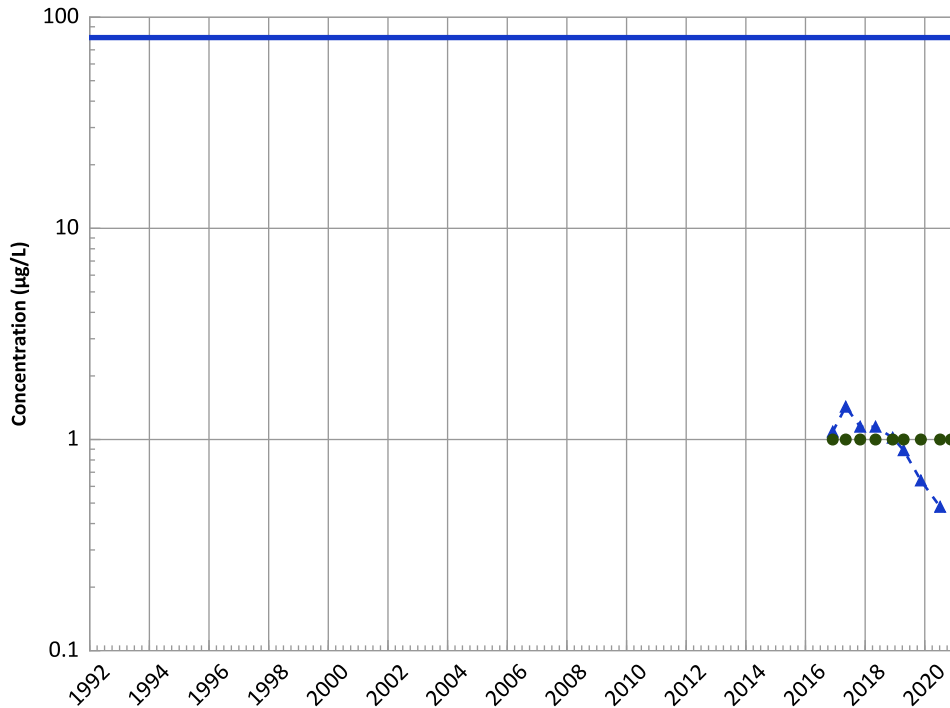
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

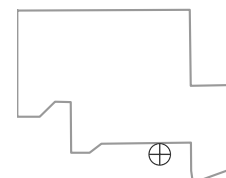
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Well Location

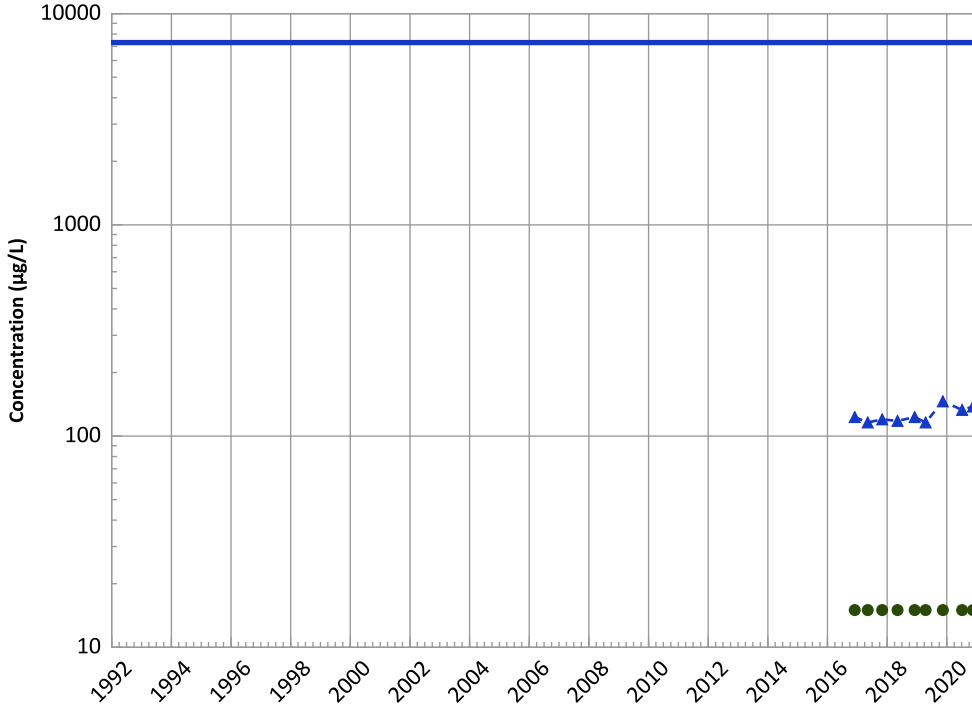


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

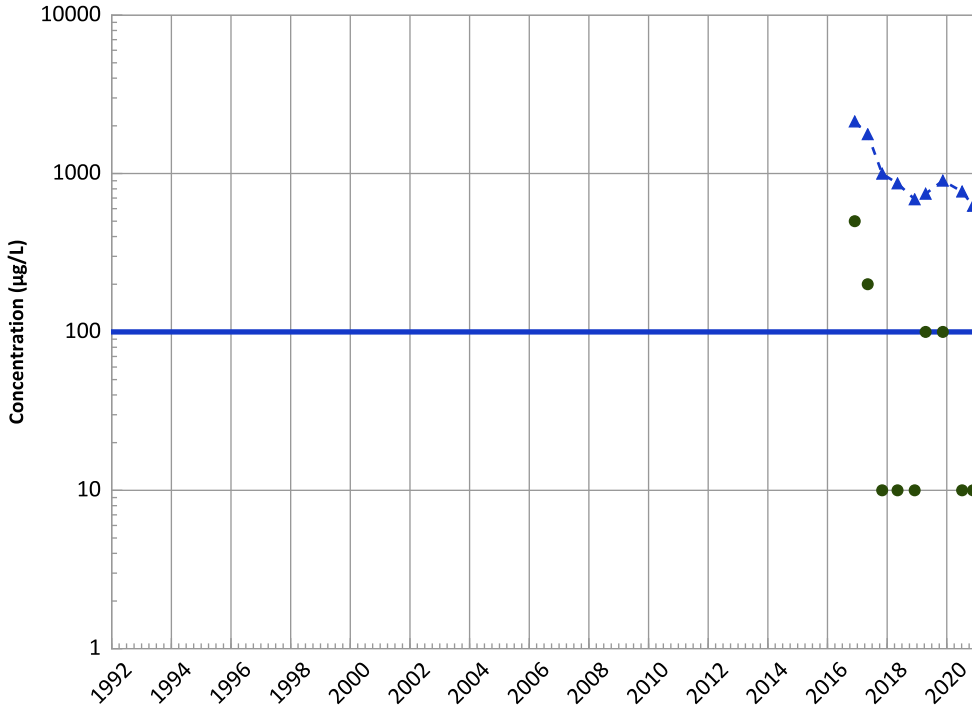
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Decreasing

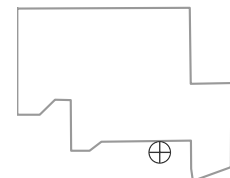
MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

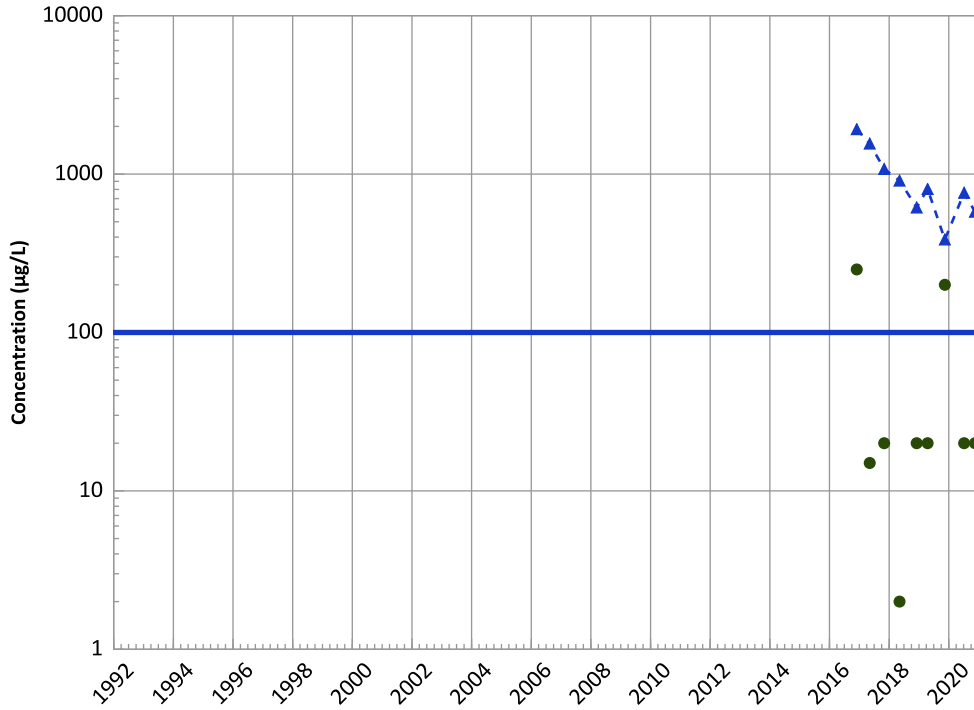
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

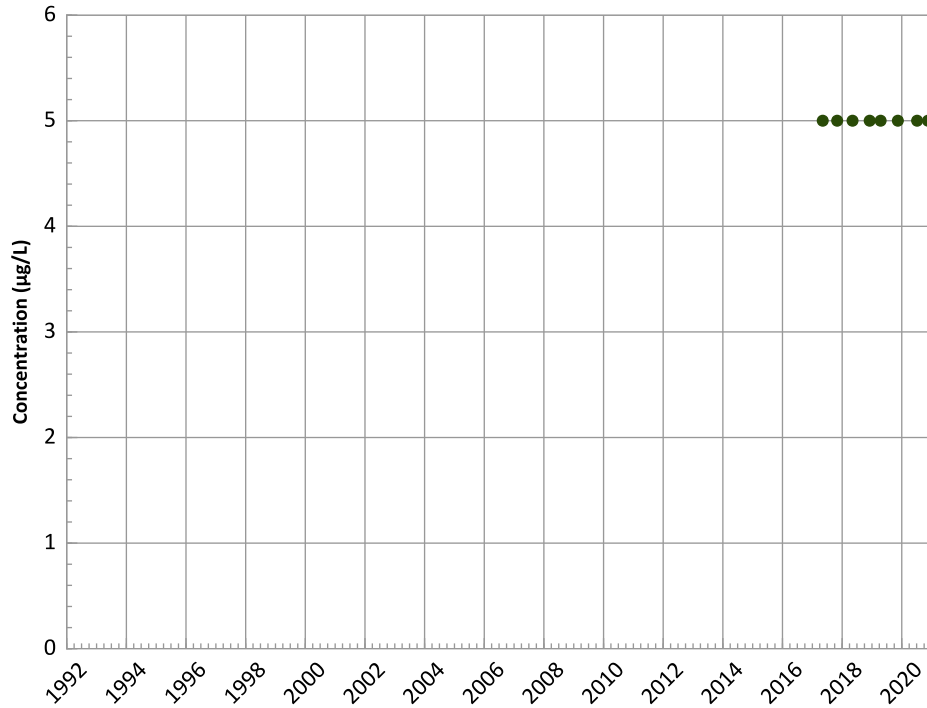
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

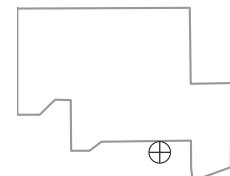
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

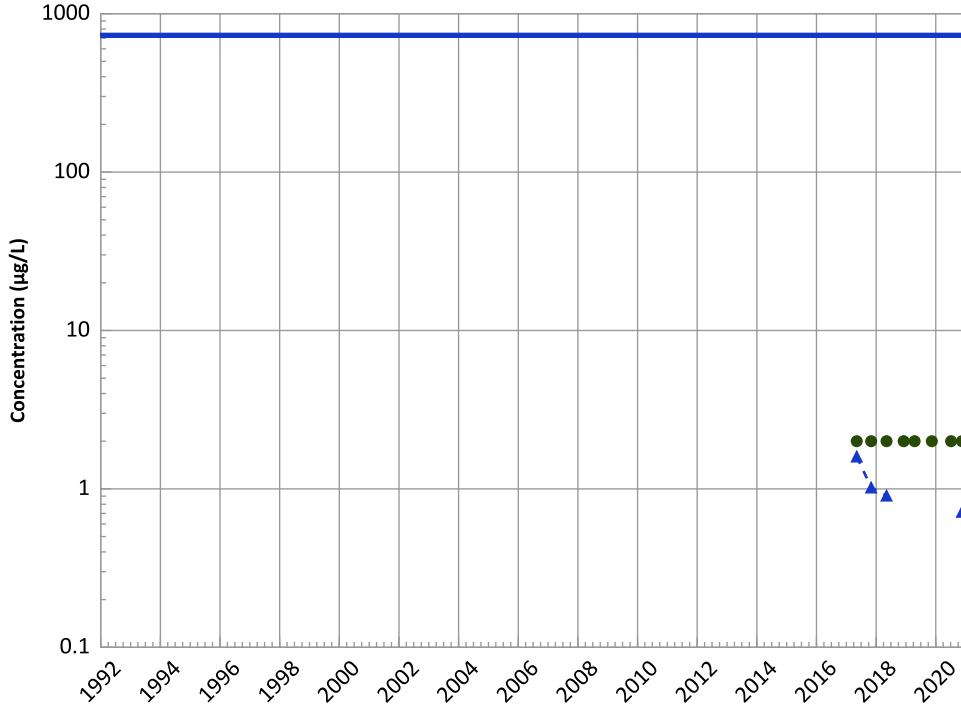


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

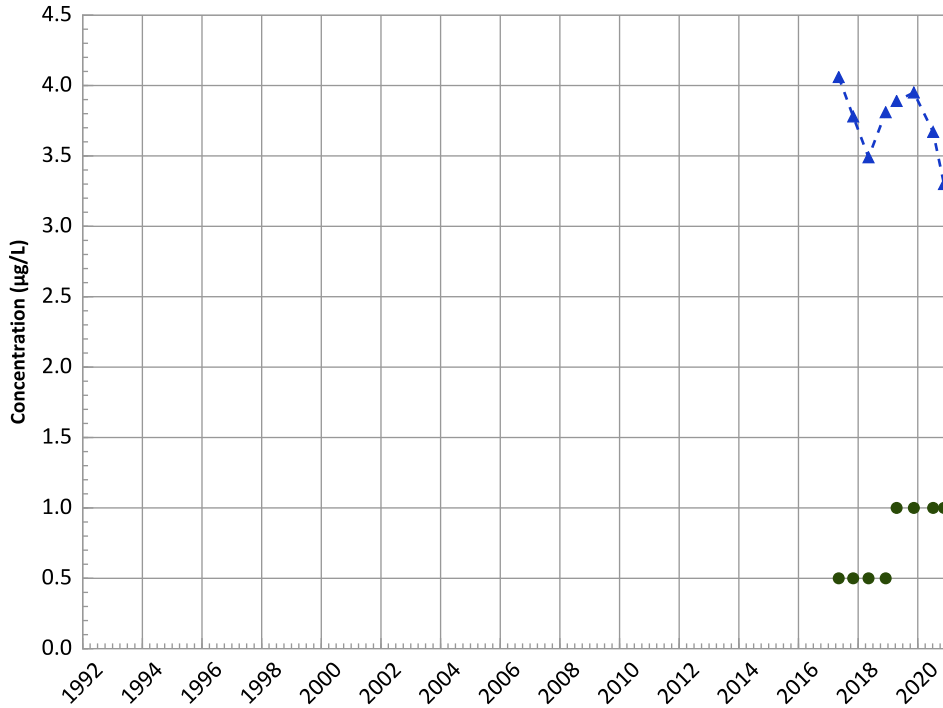


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Decreasing

Molybdenum Trend



Concentration Trend

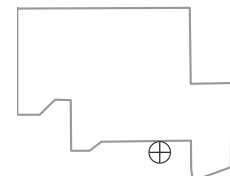
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

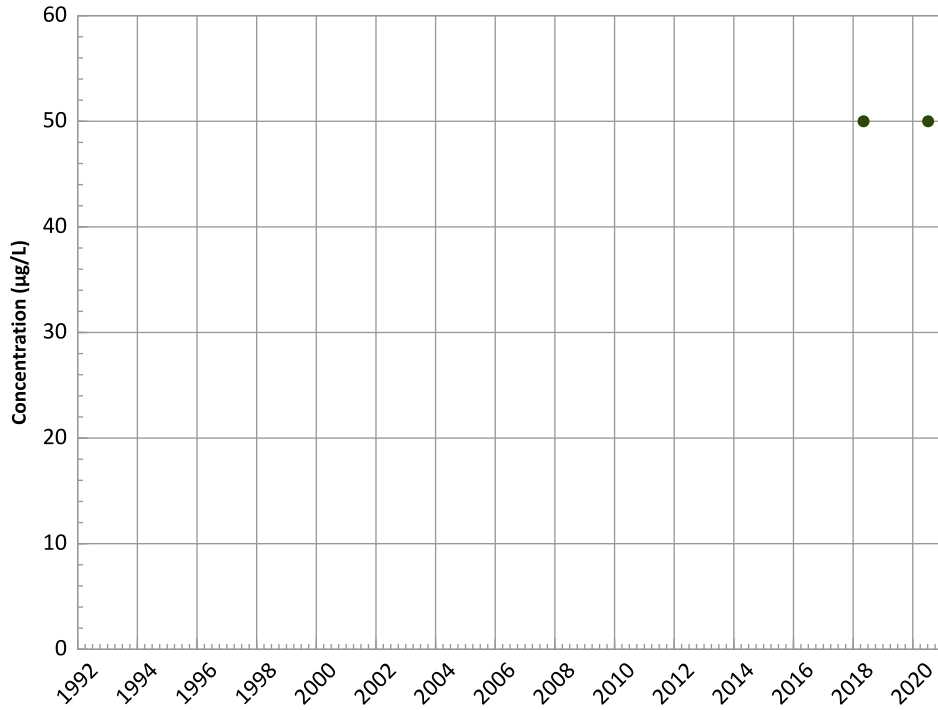
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

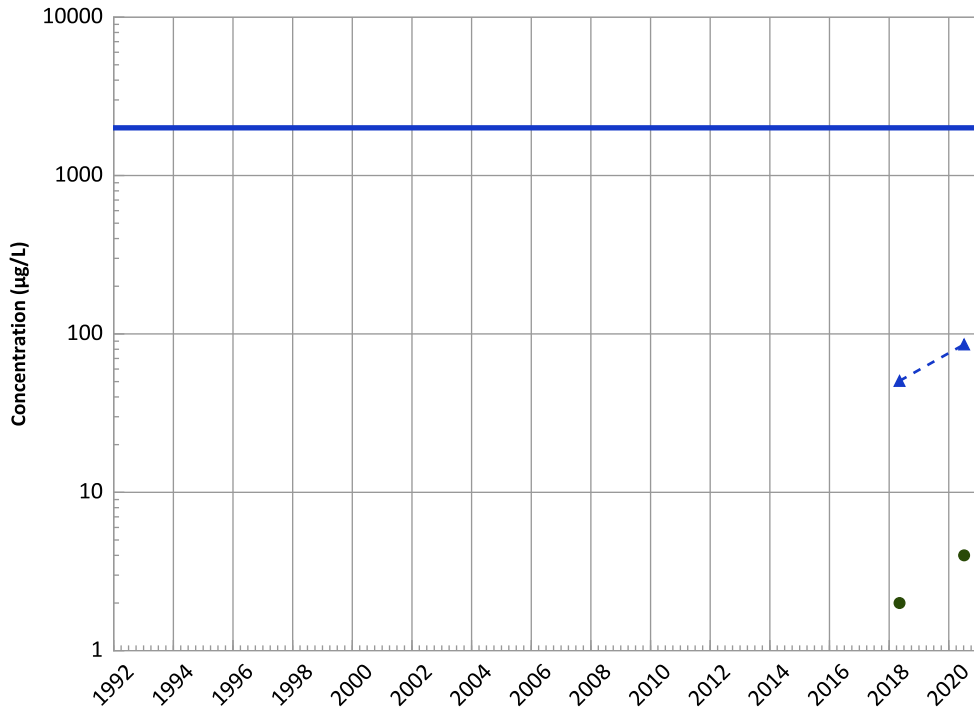


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend

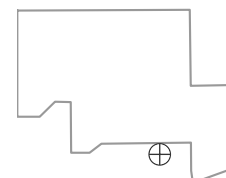


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

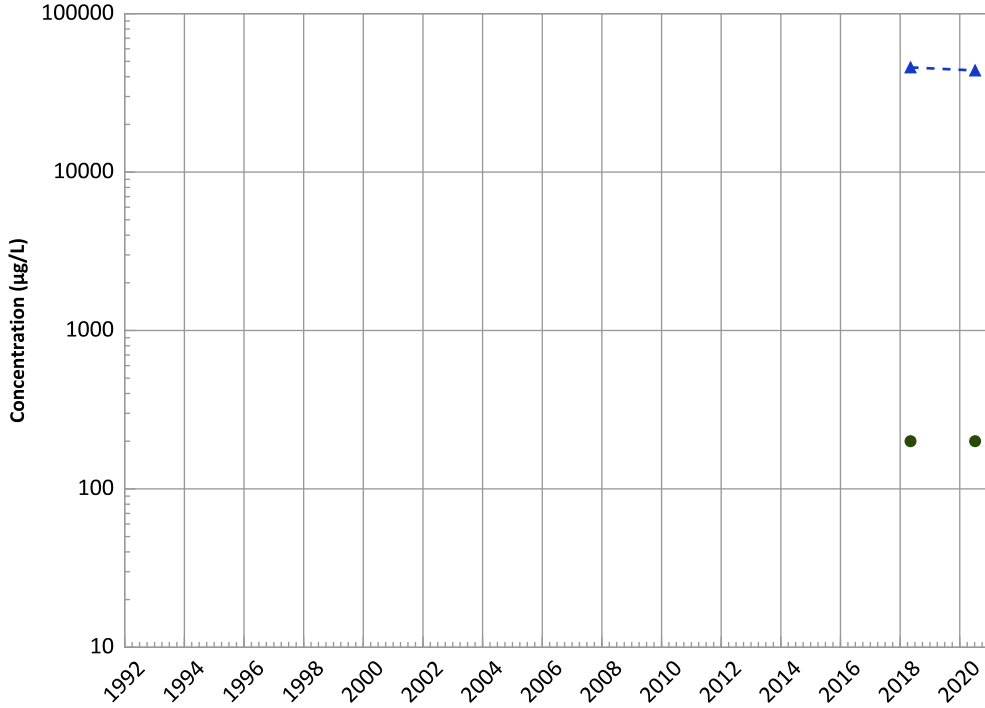


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

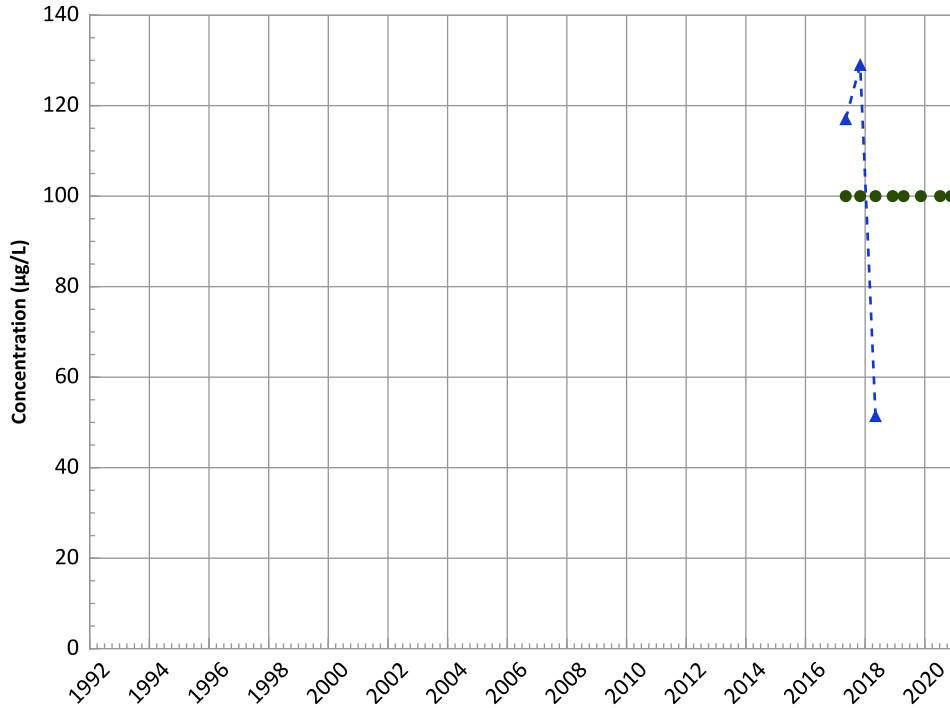
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

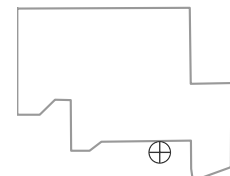
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Well Location

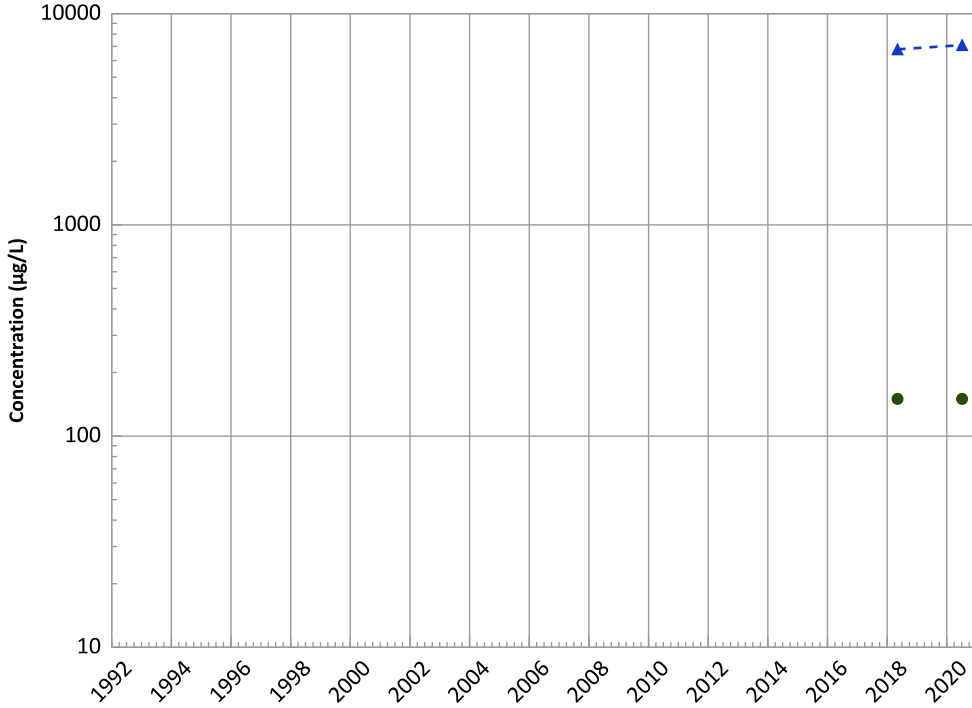


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

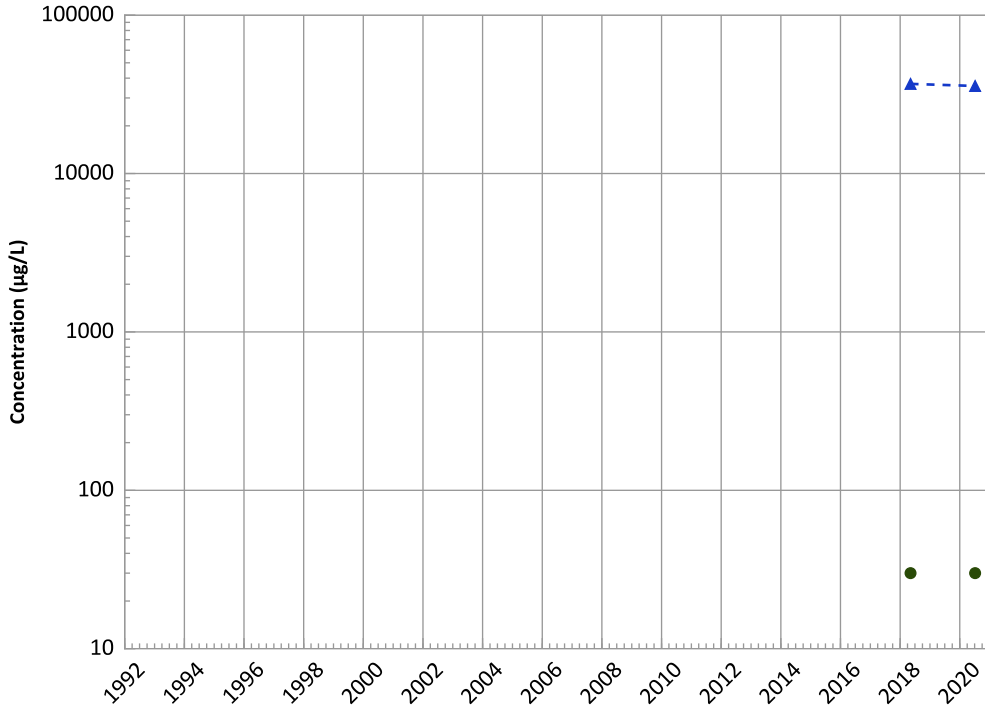
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

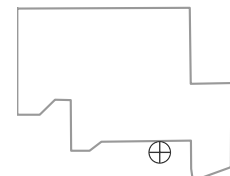
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

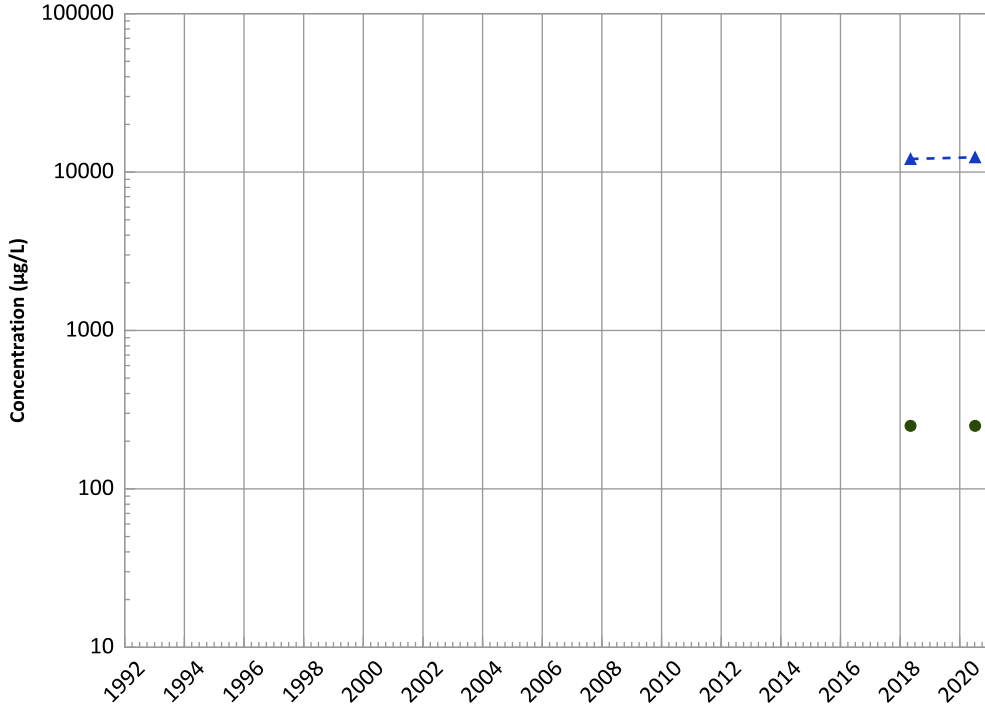


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

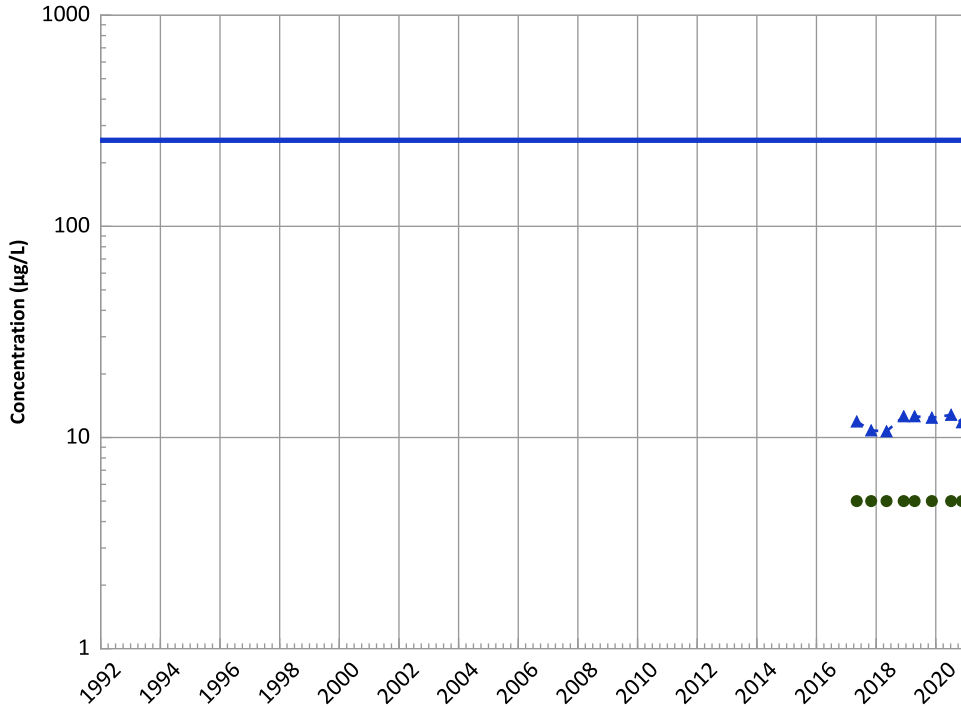
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

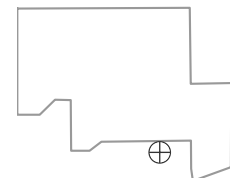
All Data:

Probably Increasing

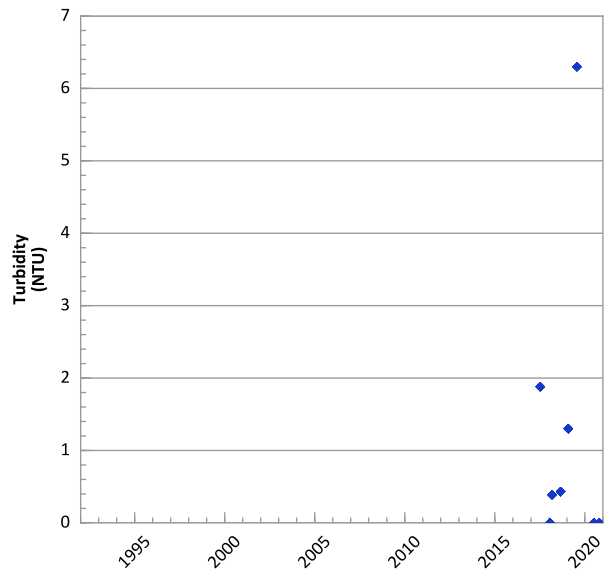
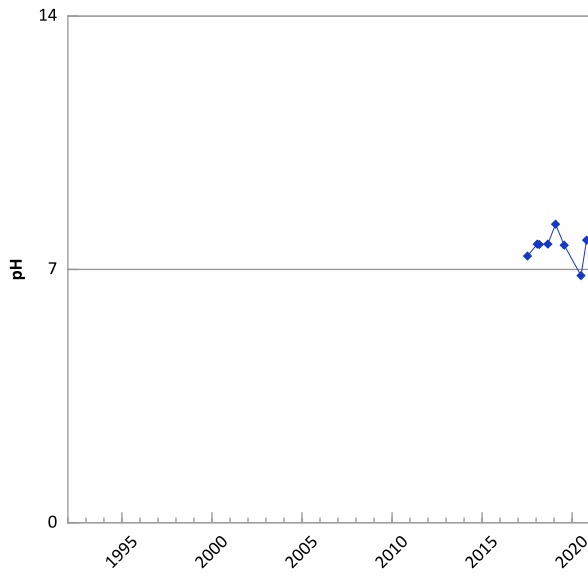
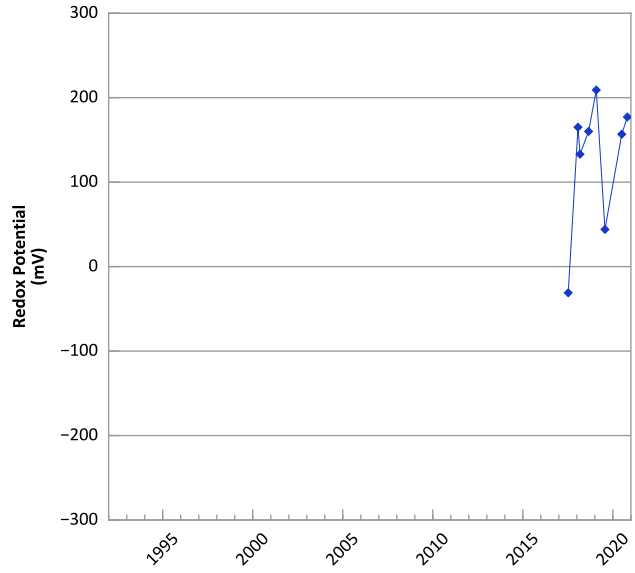
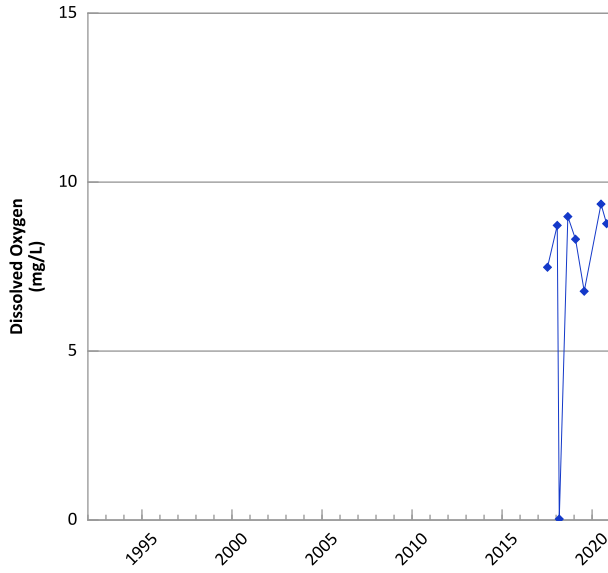
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/30/2016 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

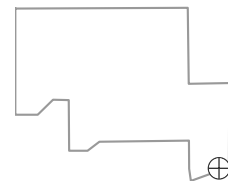


**PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



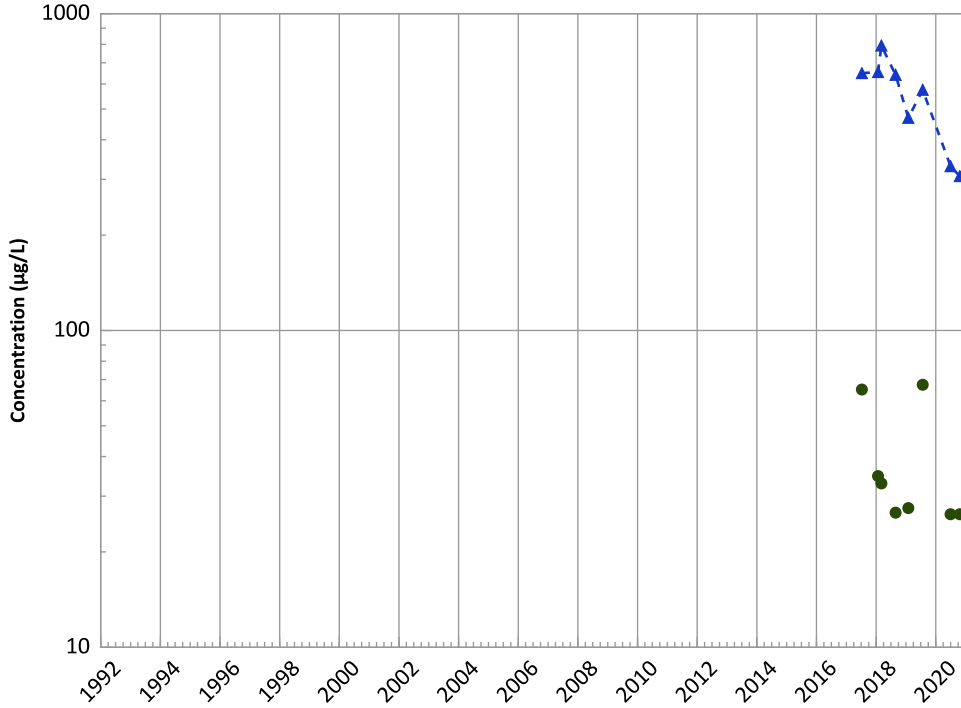
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 07/10/2017 to 10/21/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

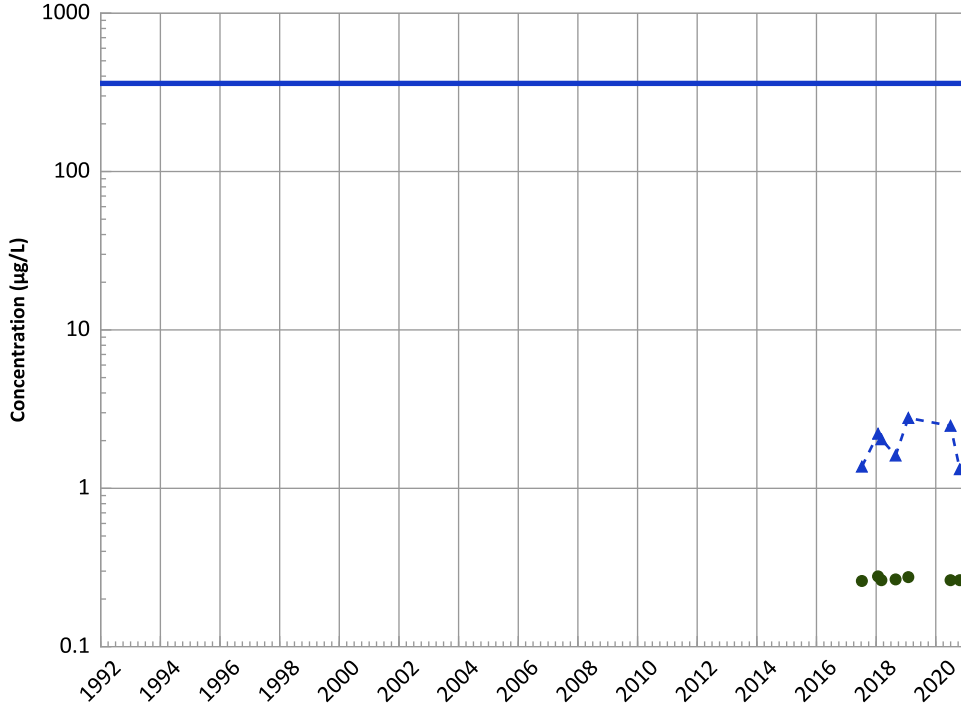
2018 - 2020 Data:

Stable

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

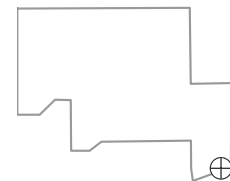
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

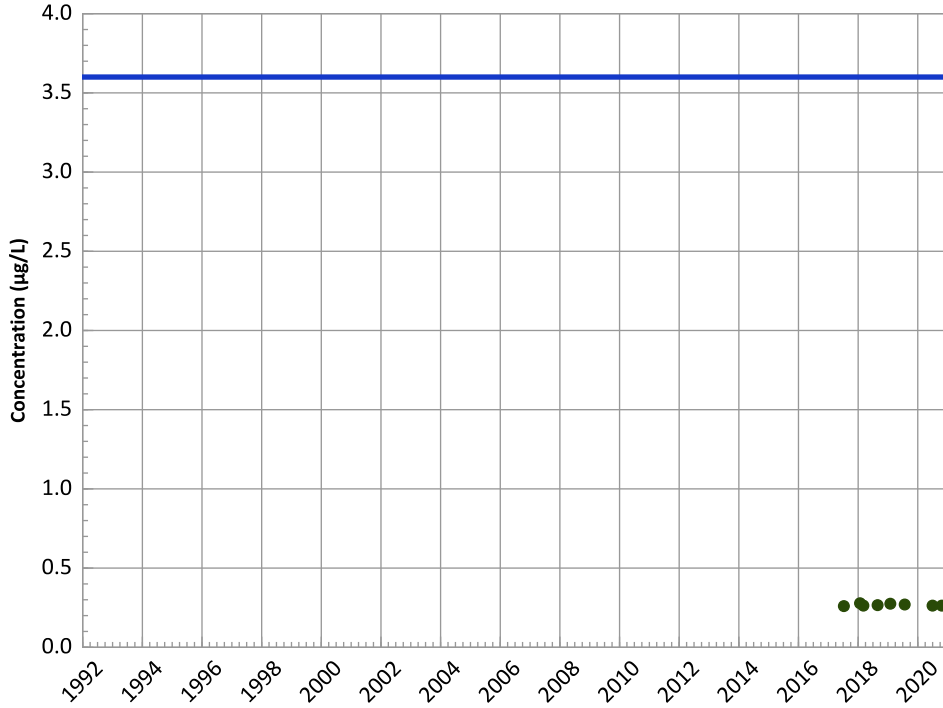


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

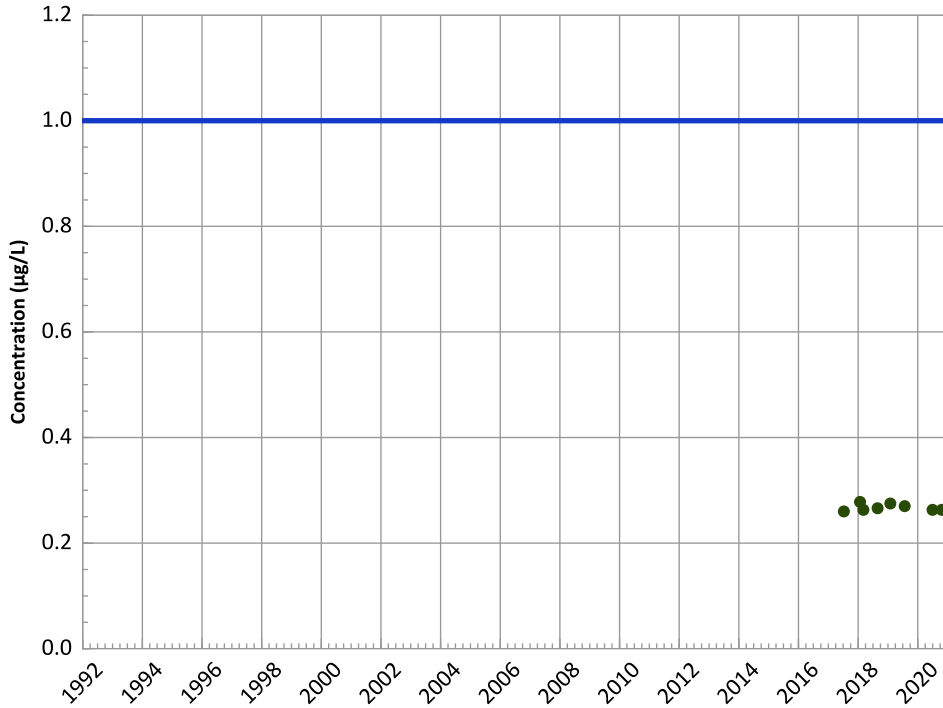
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

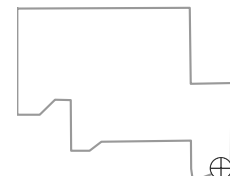
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

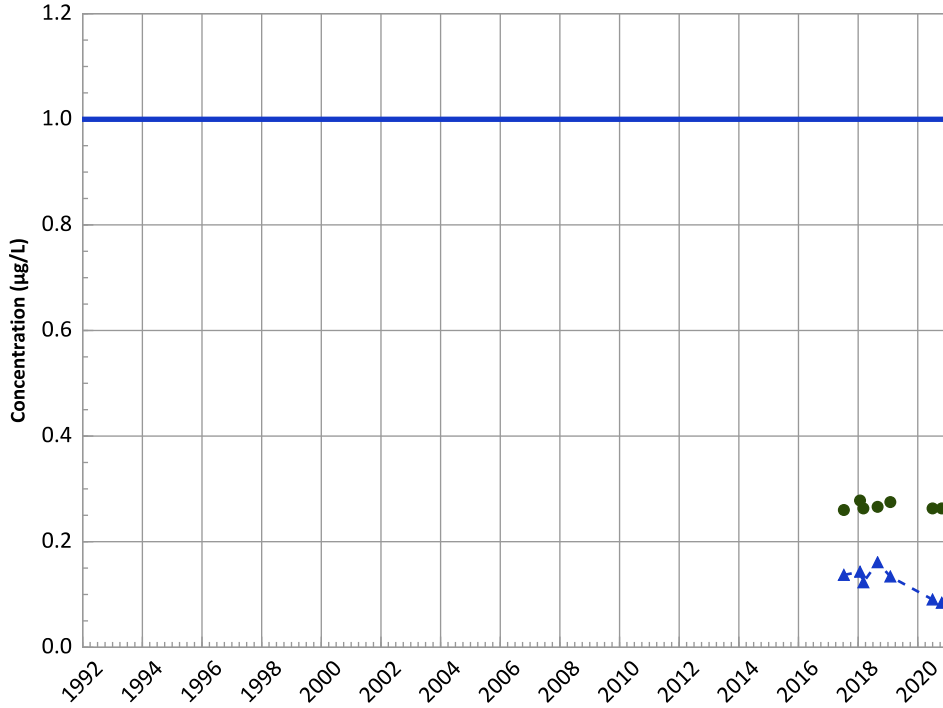
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

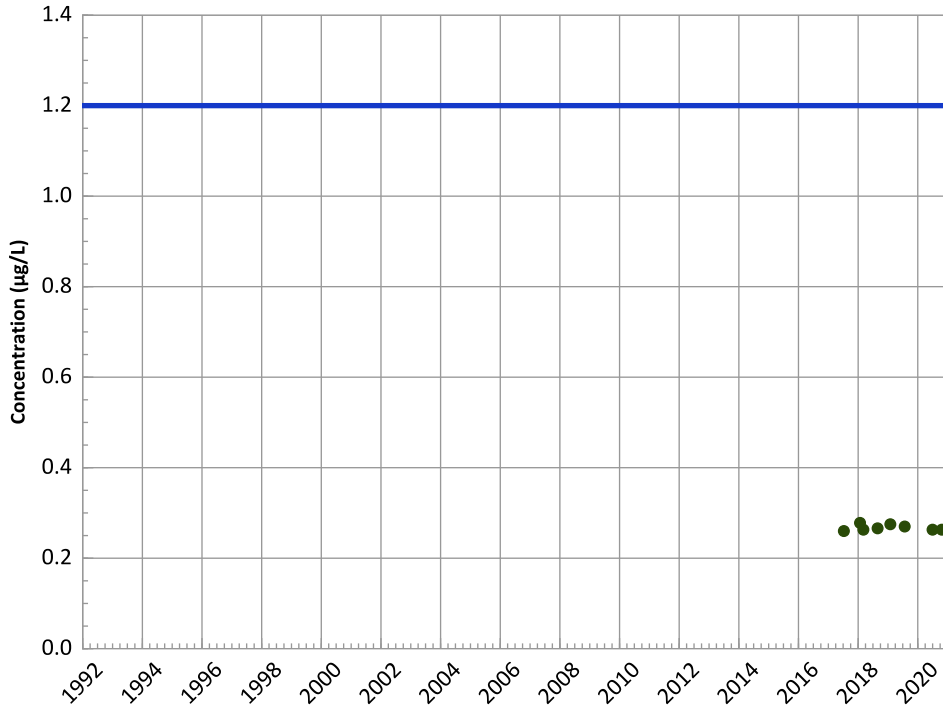
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

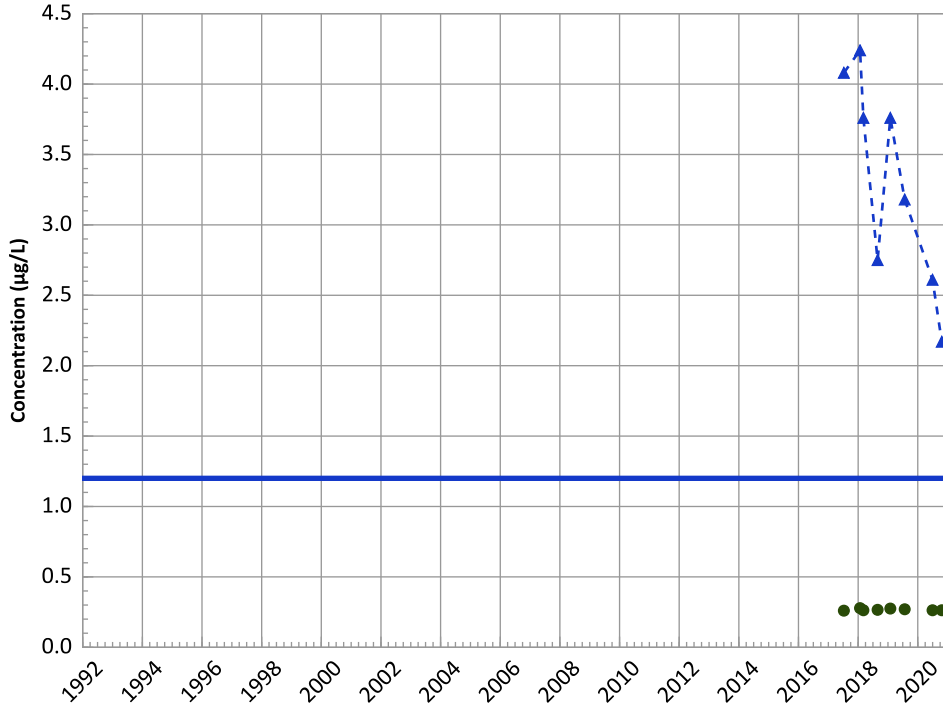


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

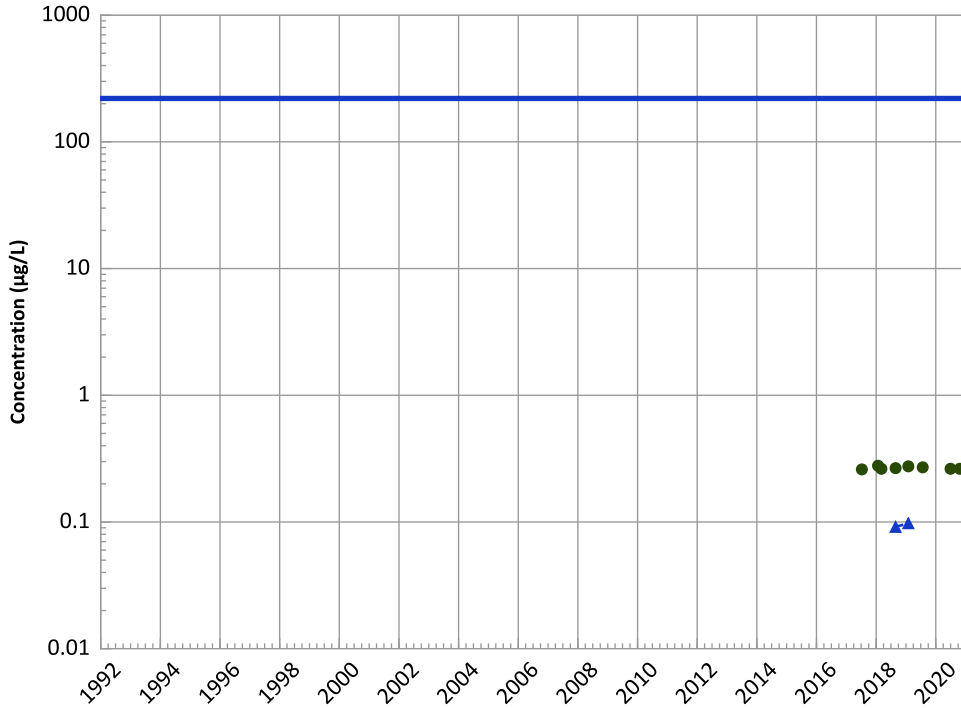
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

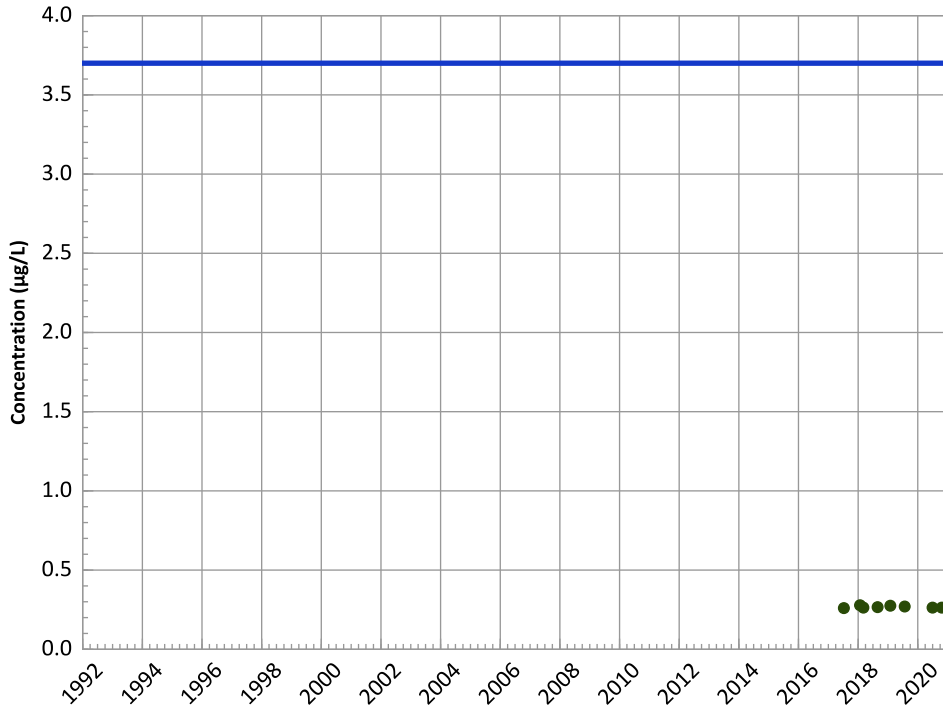
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
All Non-Detect

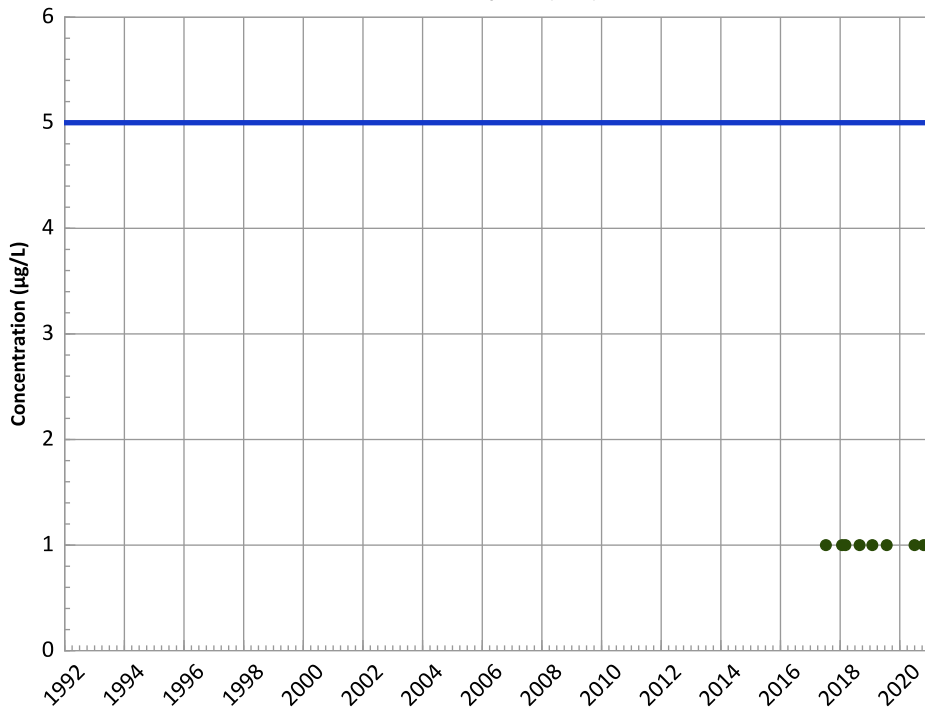
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

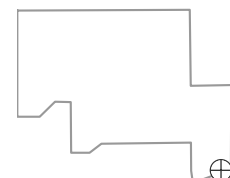
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

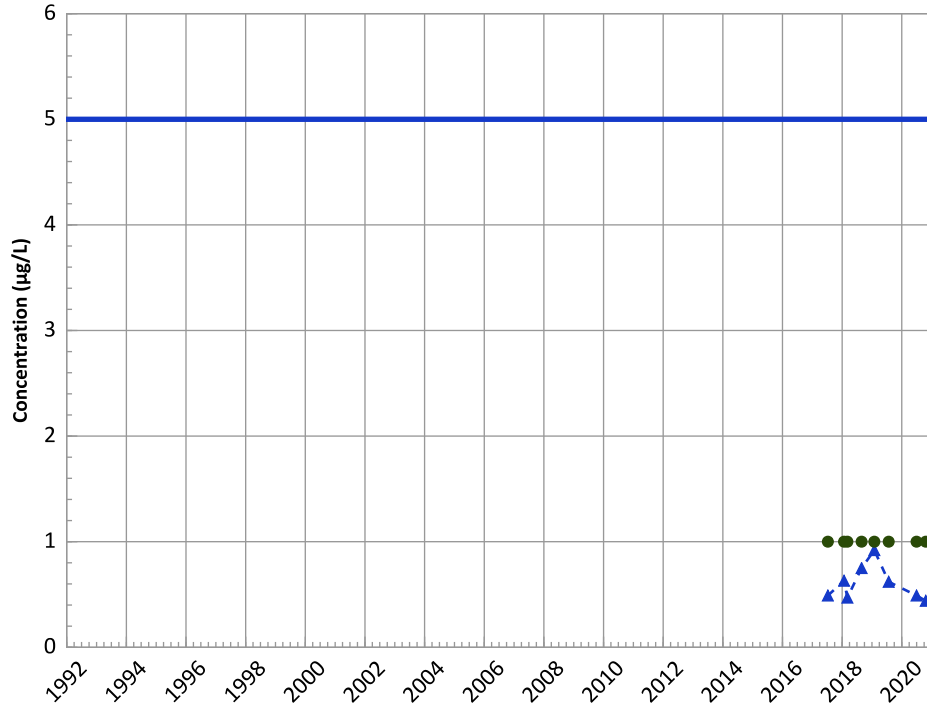


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

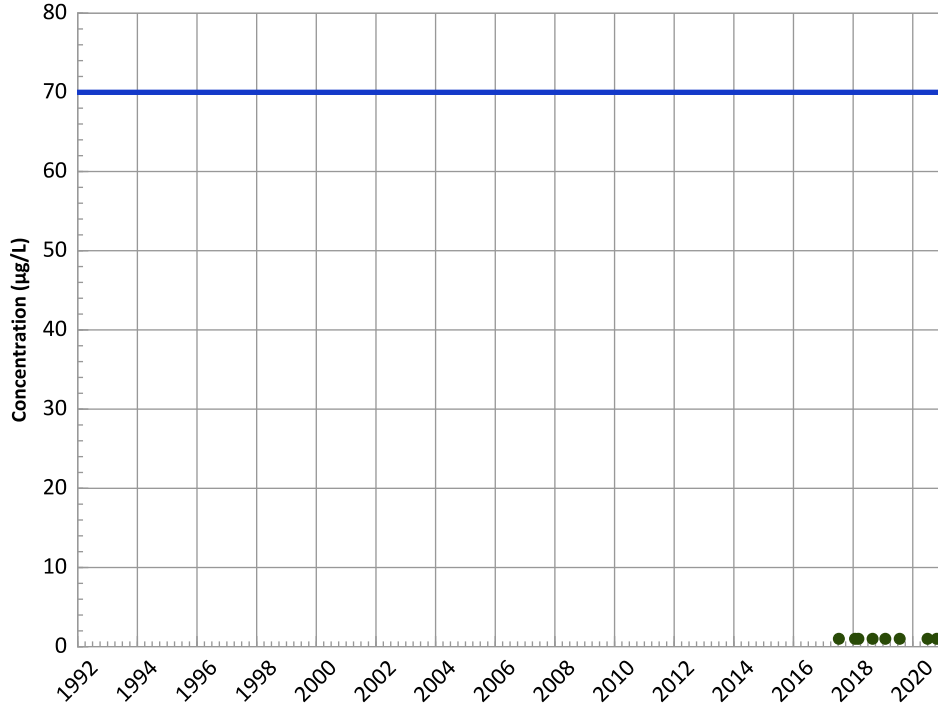
2018 - 2020 Data:

Decreasing

All Data:

Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

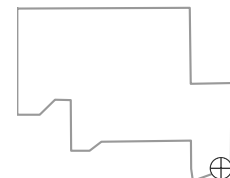
All Data:

All Non-Detect

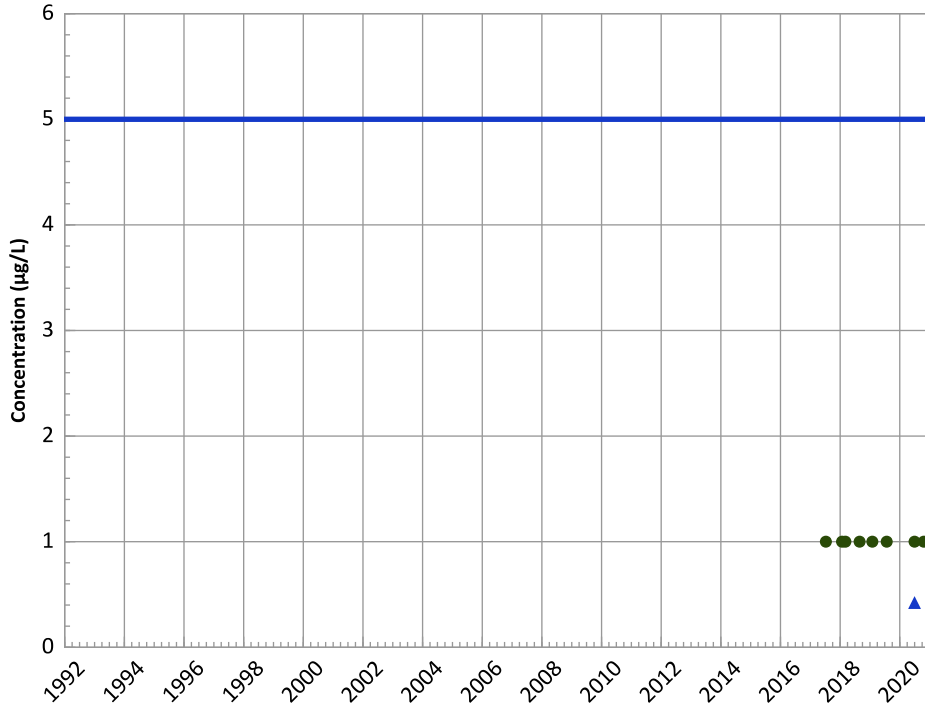
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ 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**

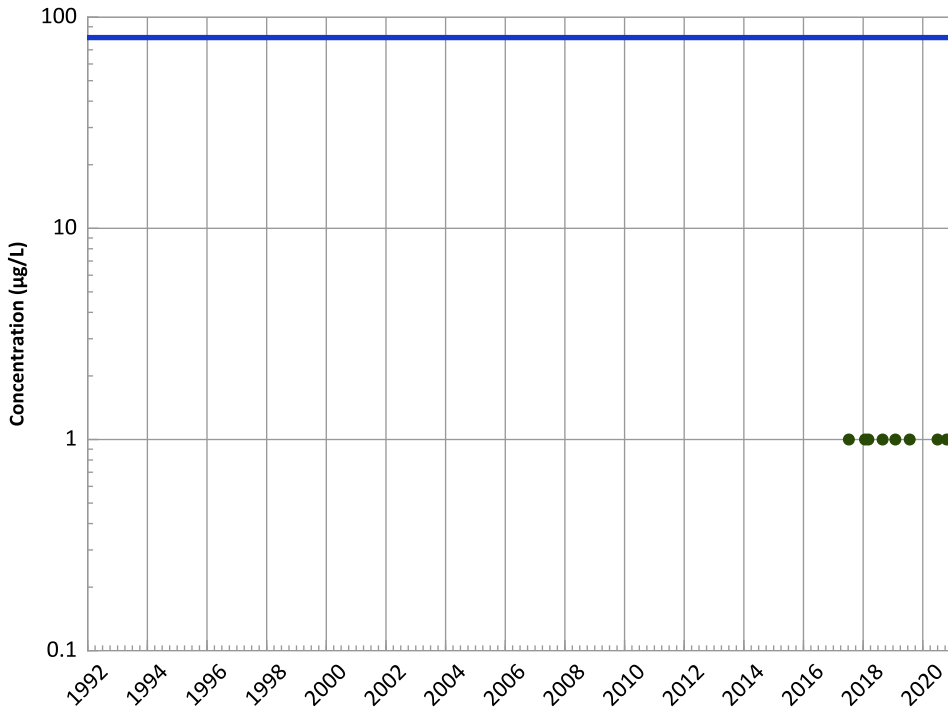


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

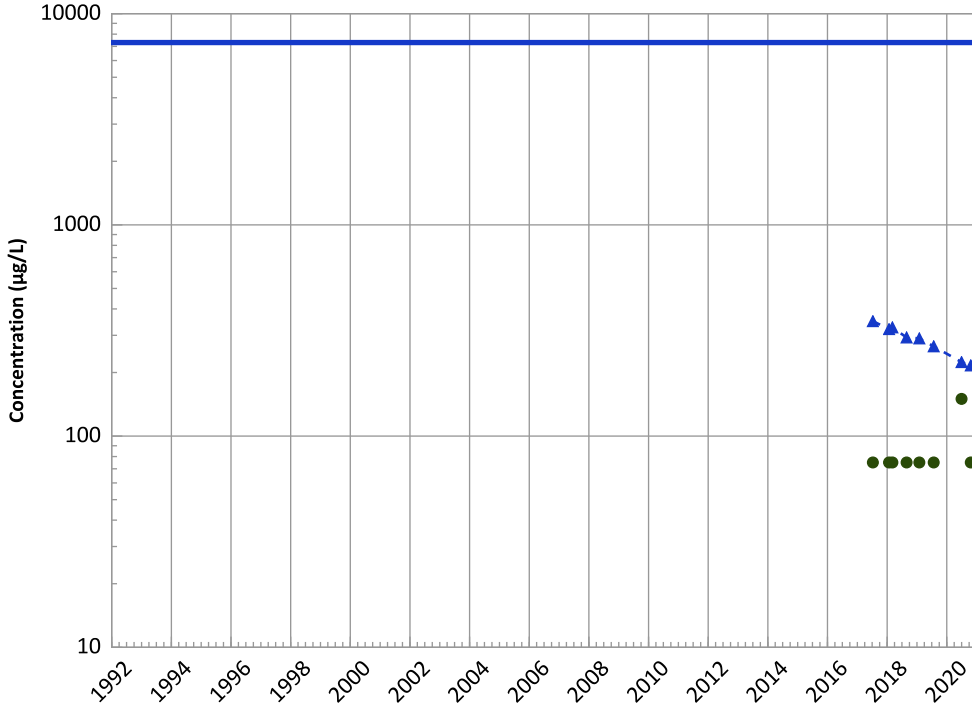


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

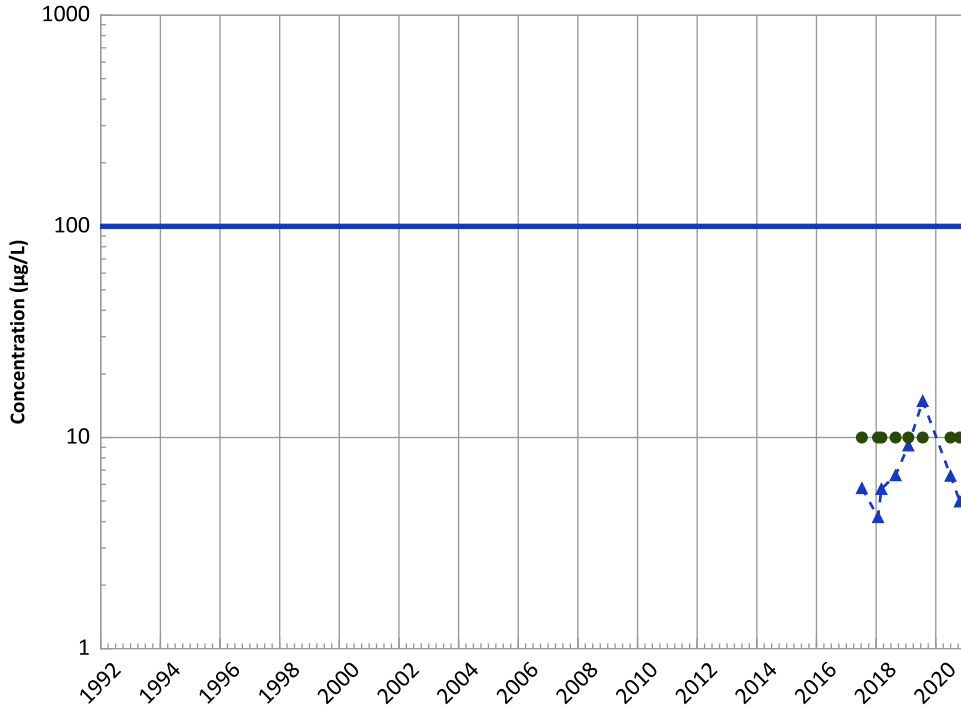
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

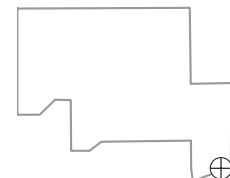
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

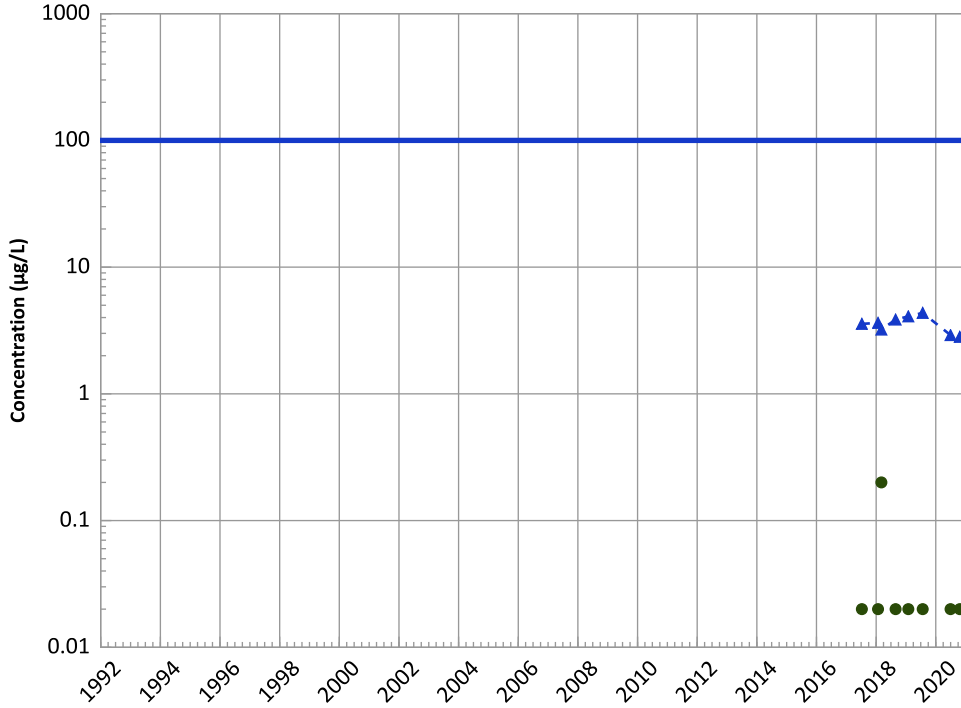
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

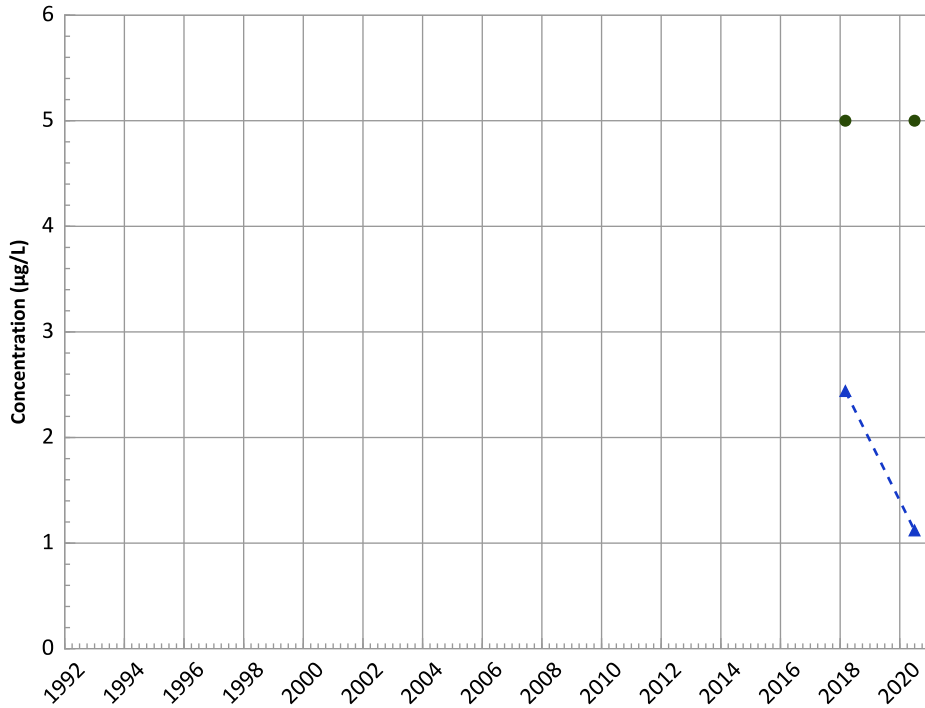
2018 - 2020 Data:

Stable

All Data:

Stable

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

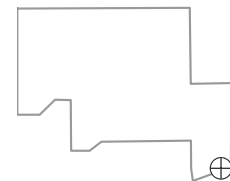
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

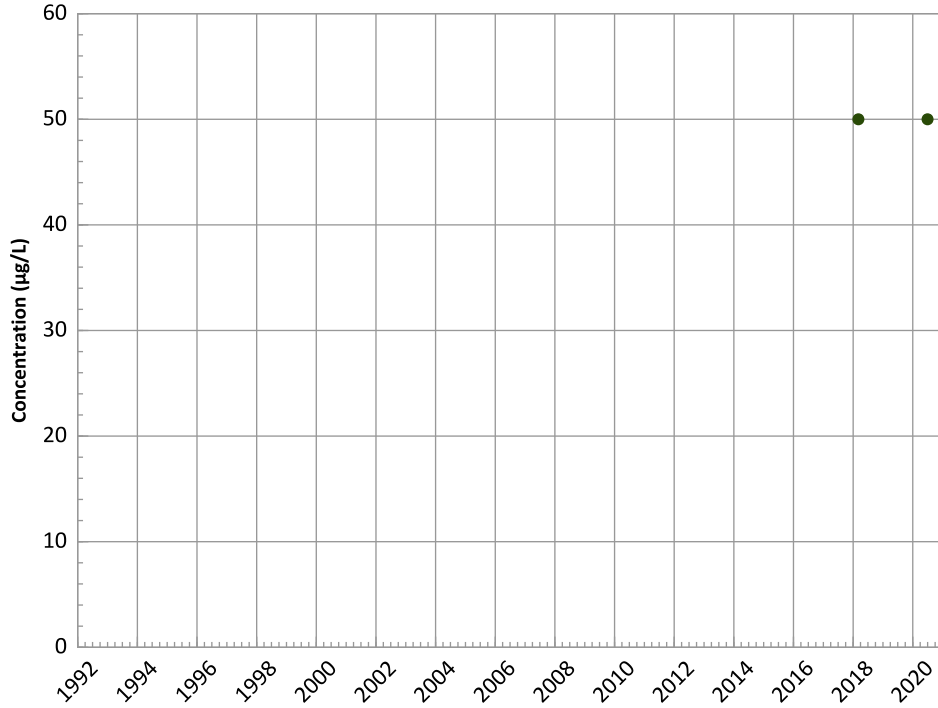


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

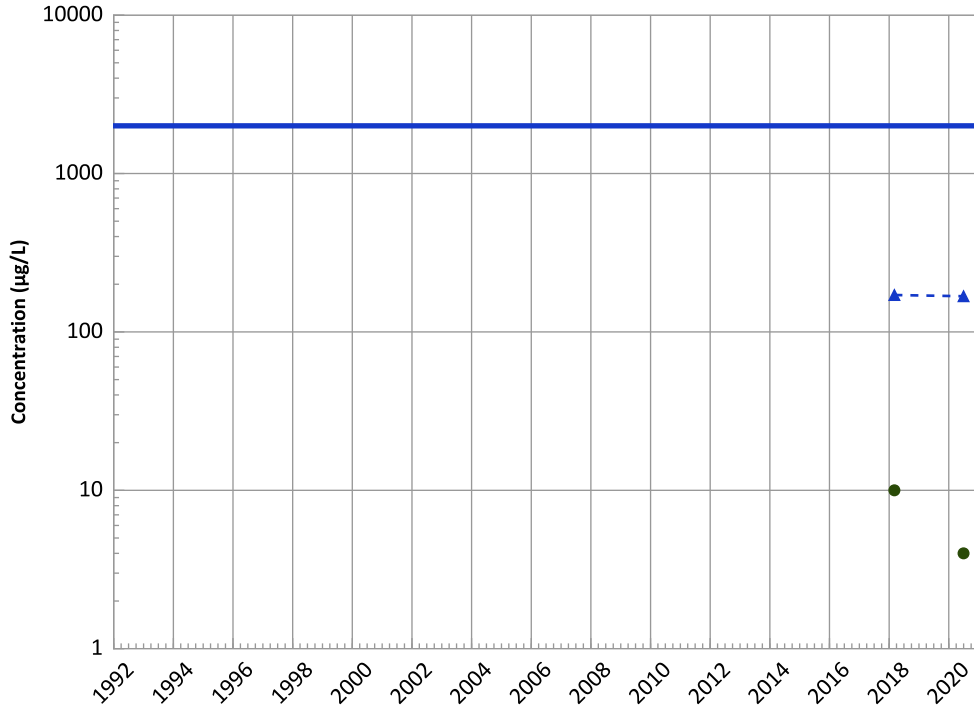


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend

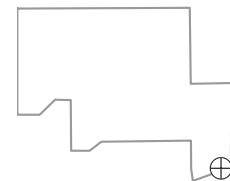


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

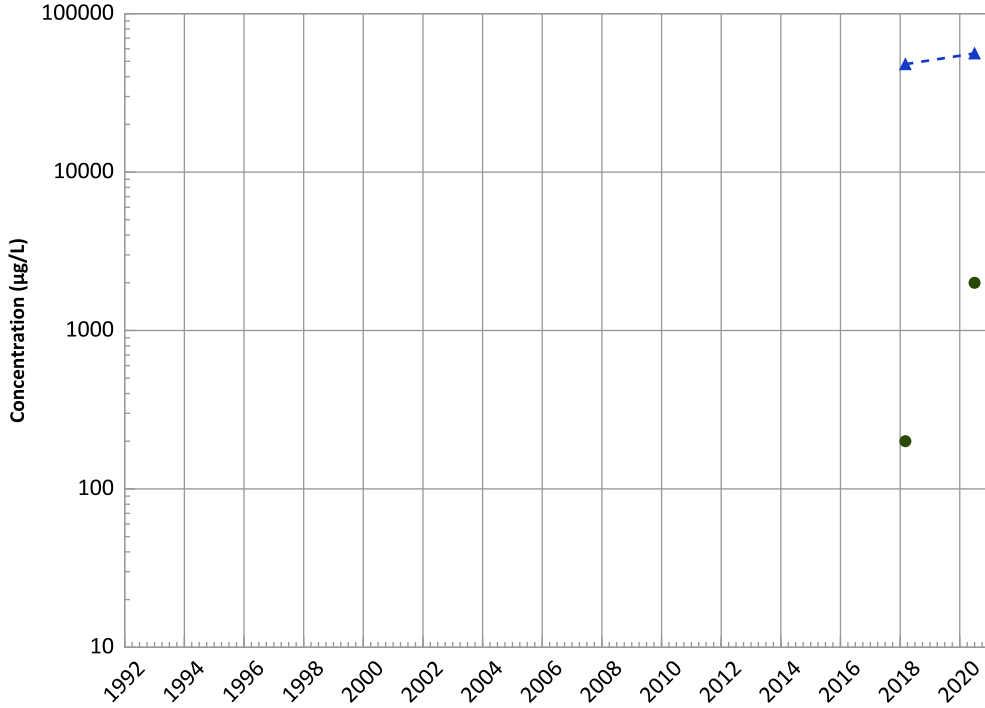


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

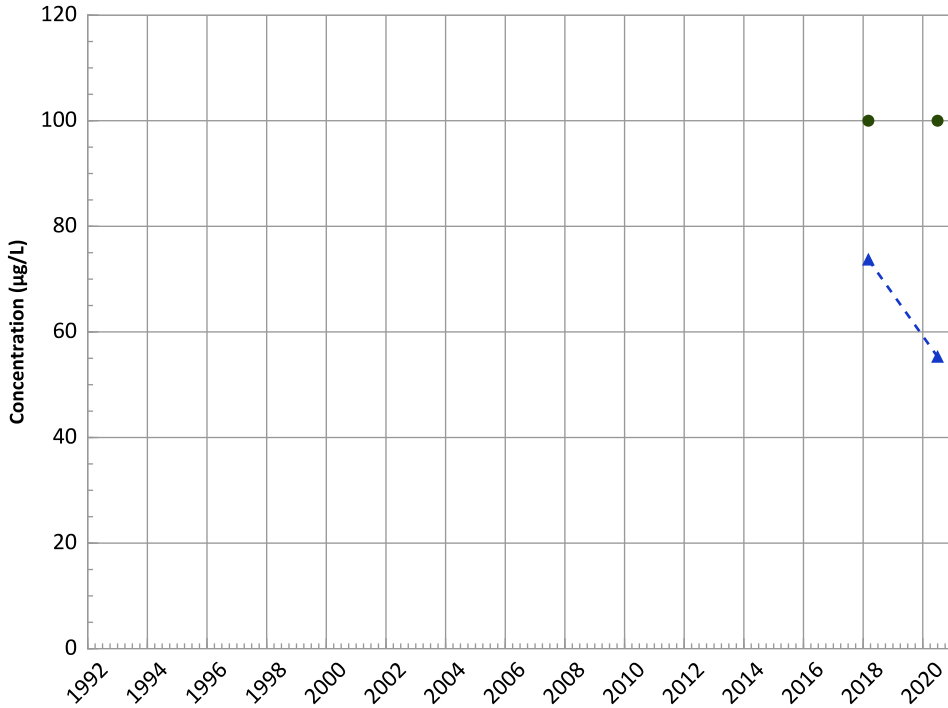
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

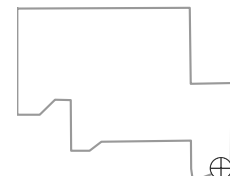
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

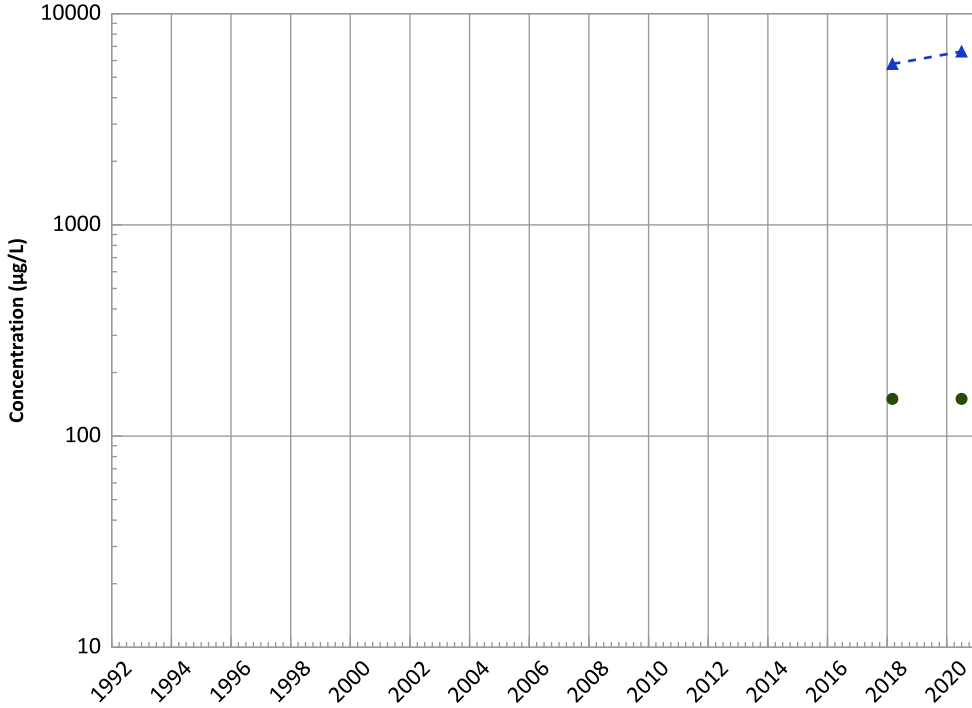


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

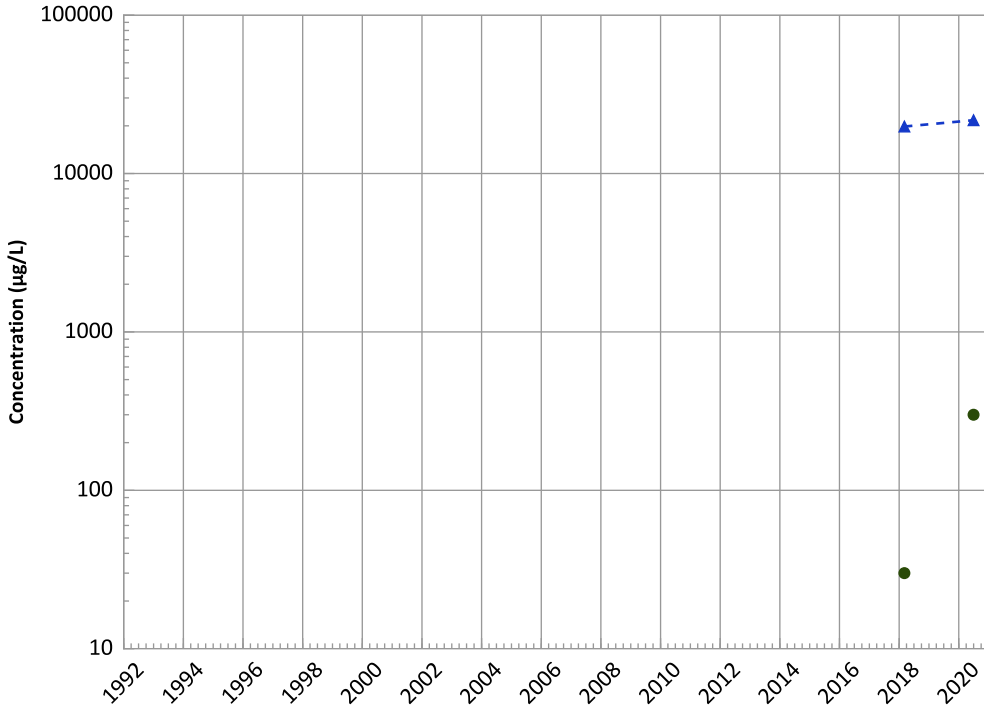
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

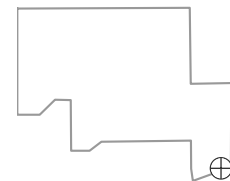
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

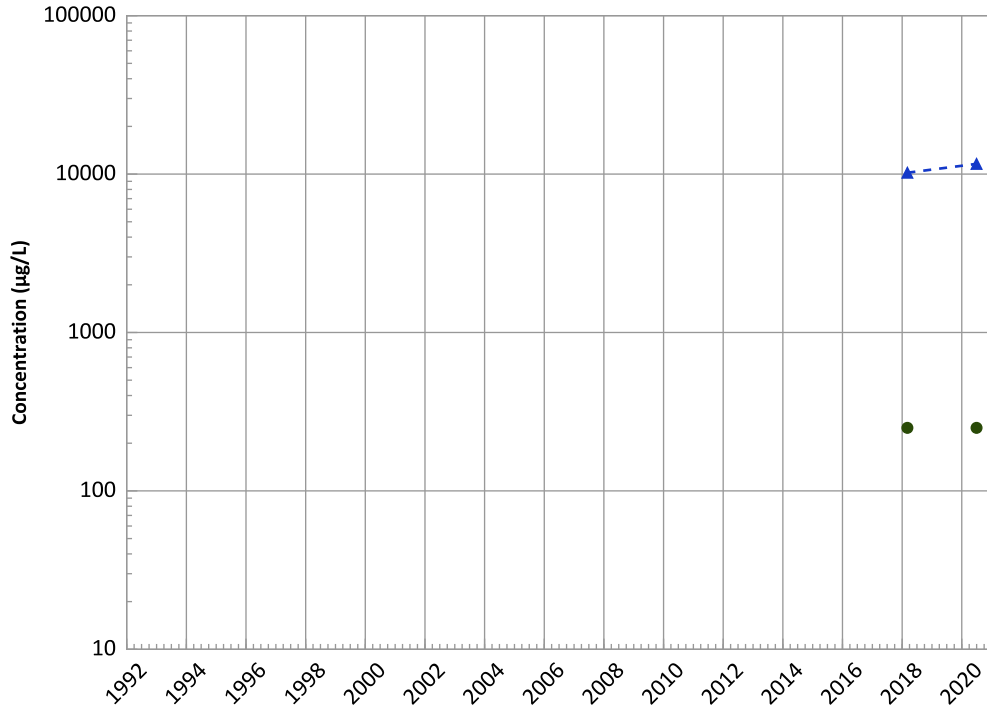
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/10/2017 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1185 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

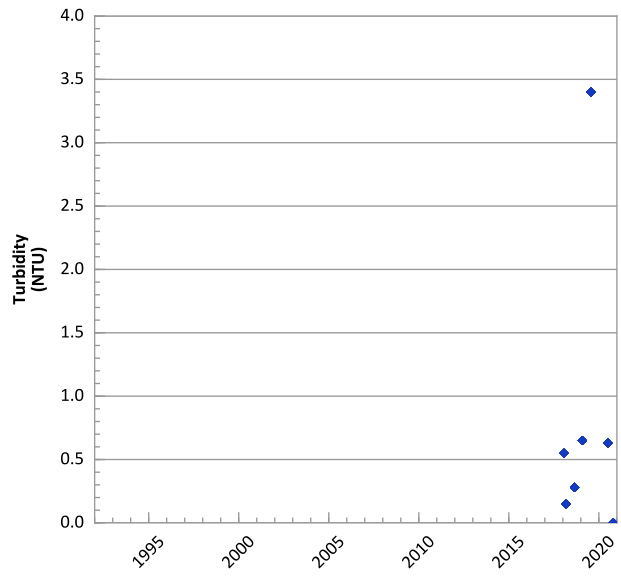
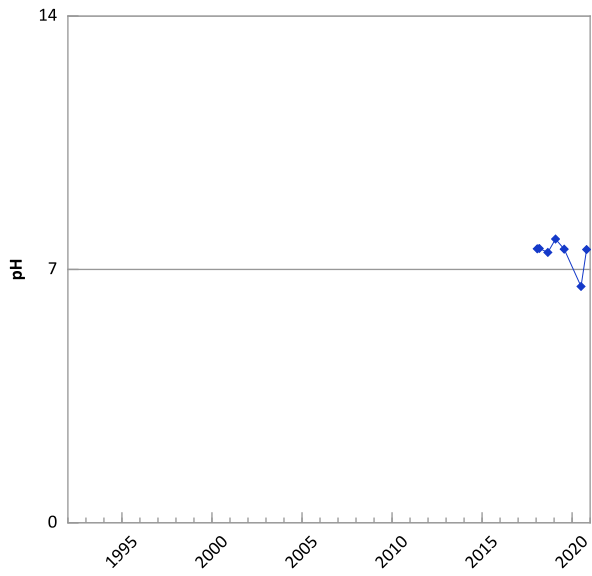
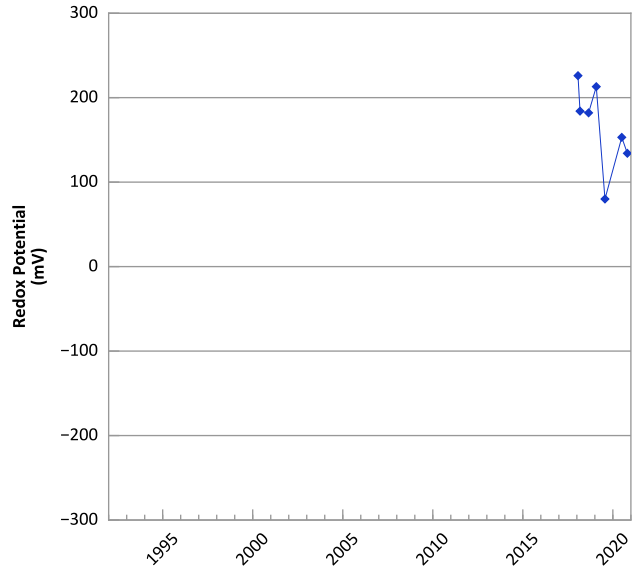
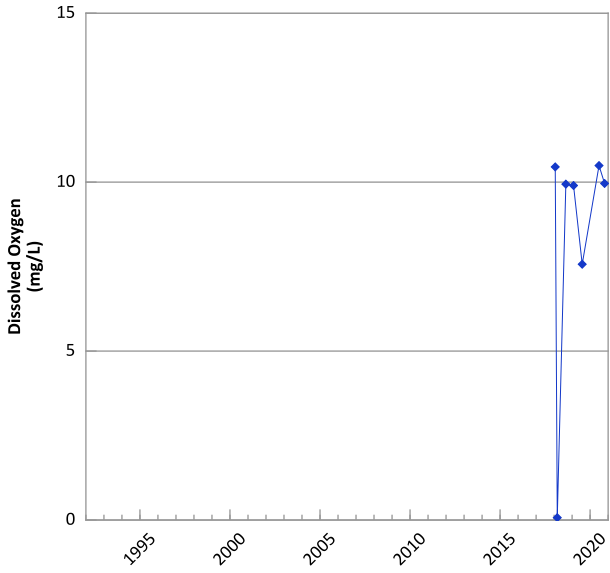
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 07/10/2017 to 10/21/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



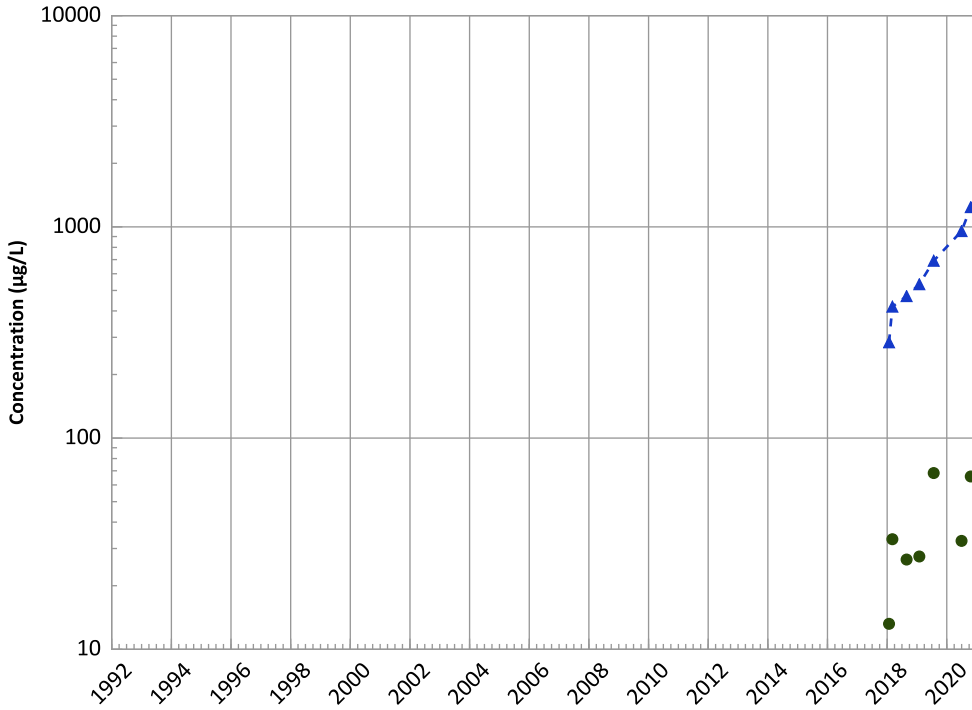
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/24/2018 to 10/21/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

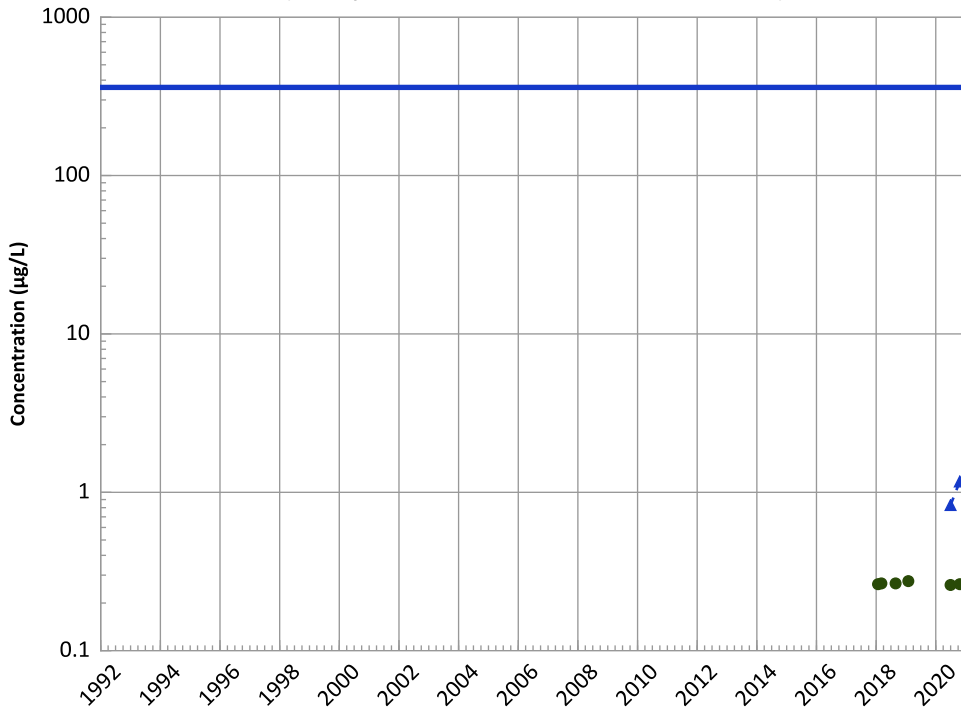
2018 - 2020 Data:

Increasing

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

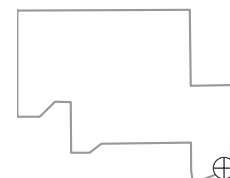
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

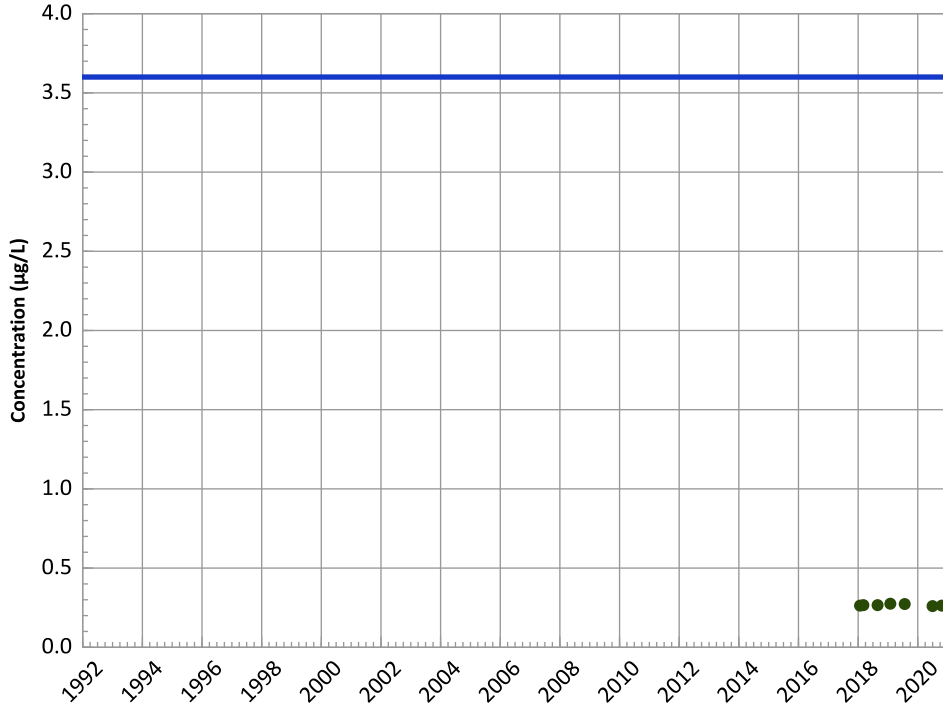


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

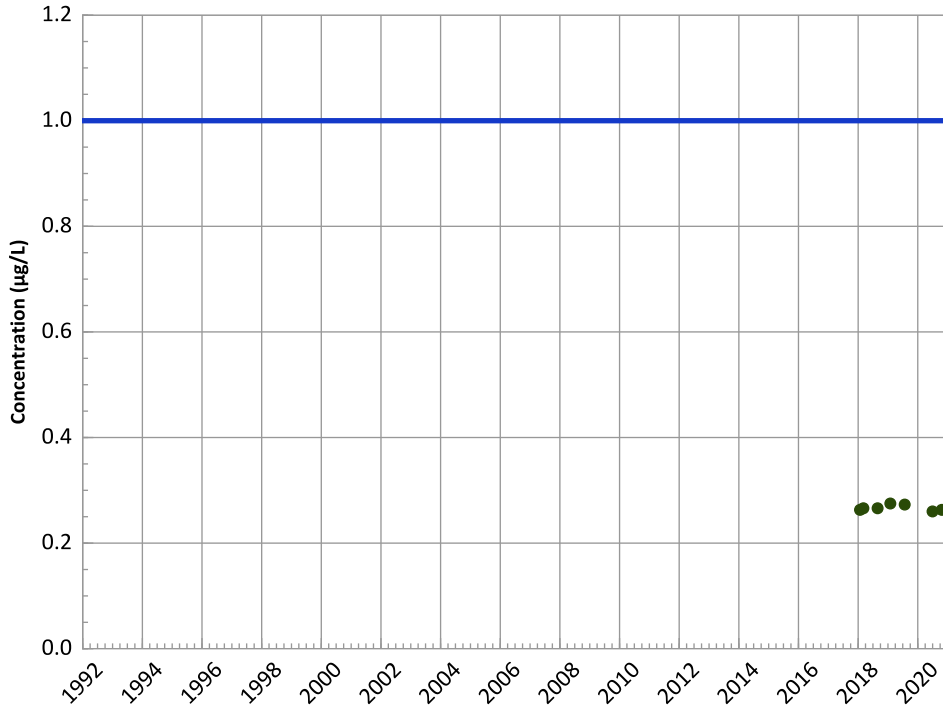
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

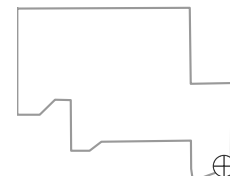
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

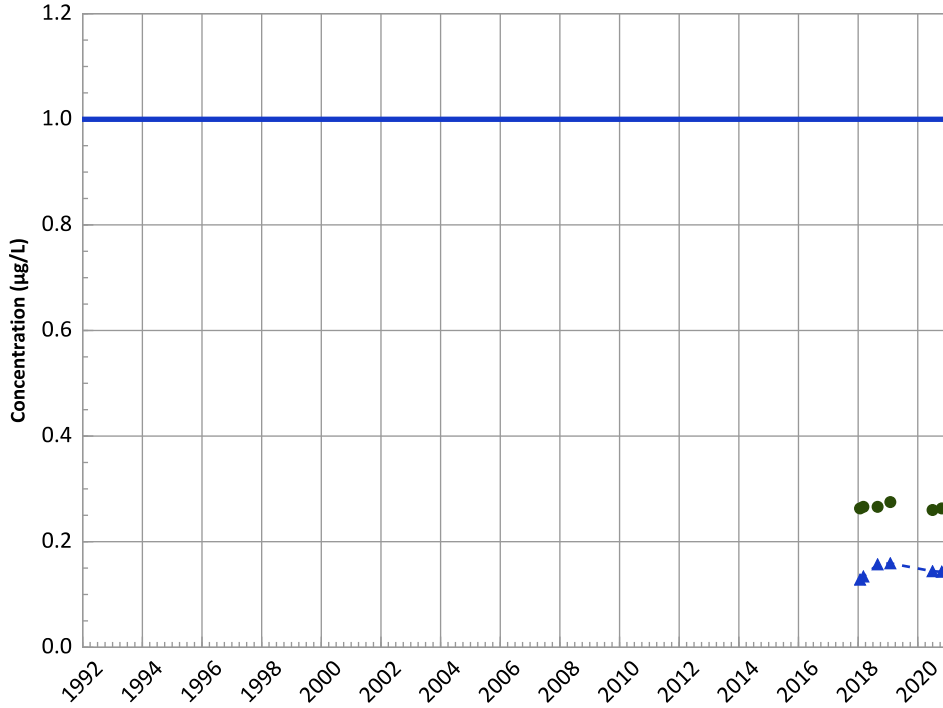


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

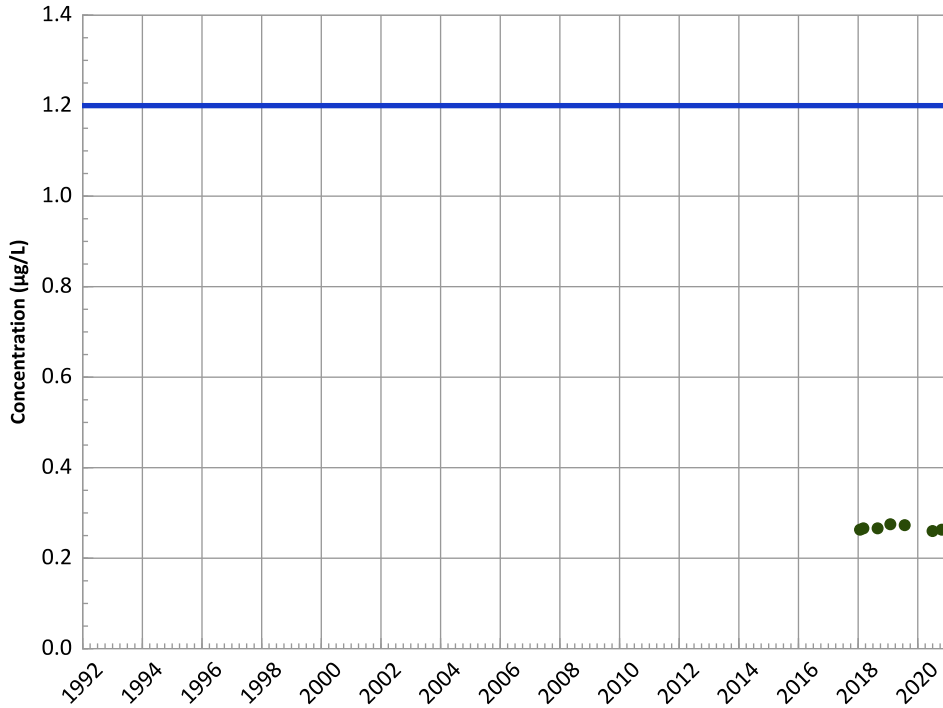
2018 - 2020 Data:

Decreasing

All Data:

No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

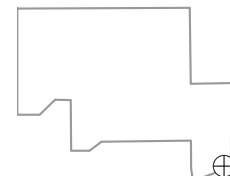
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

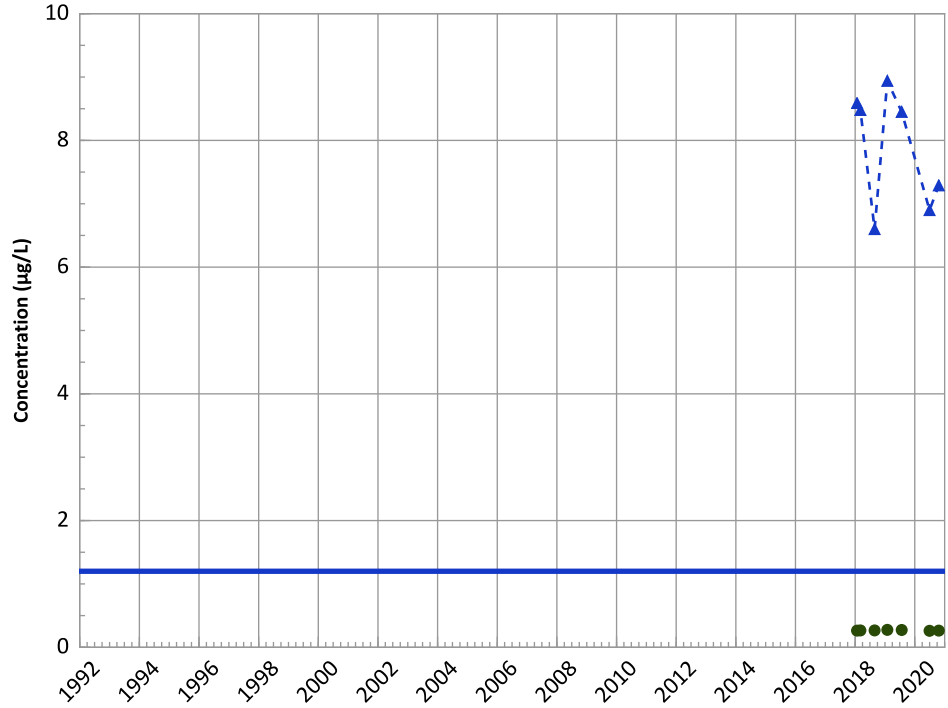
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

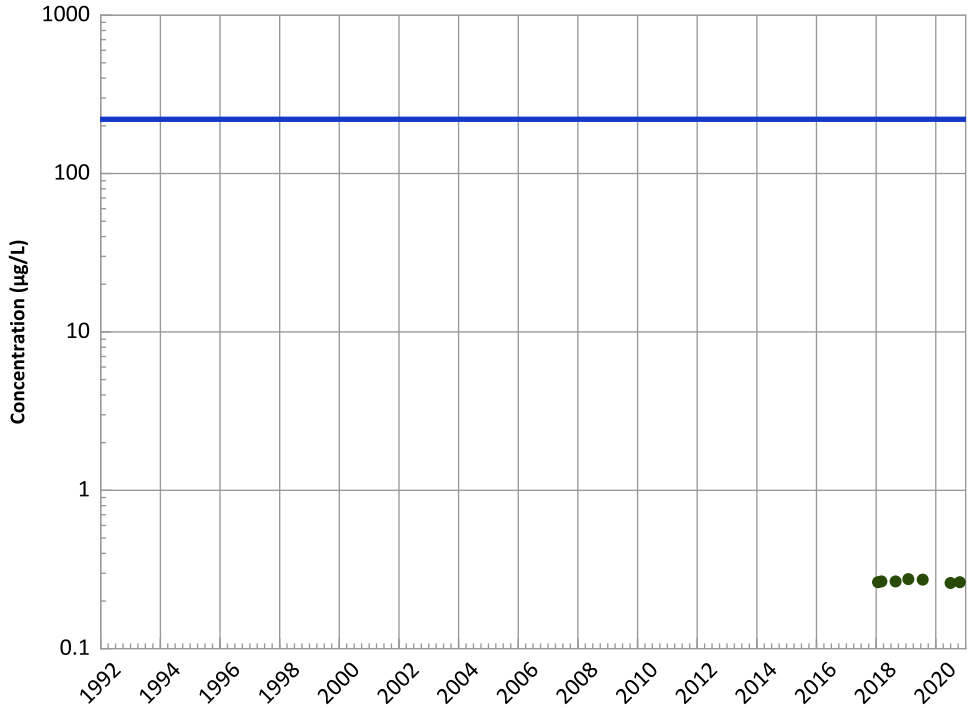
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

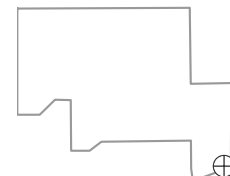
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

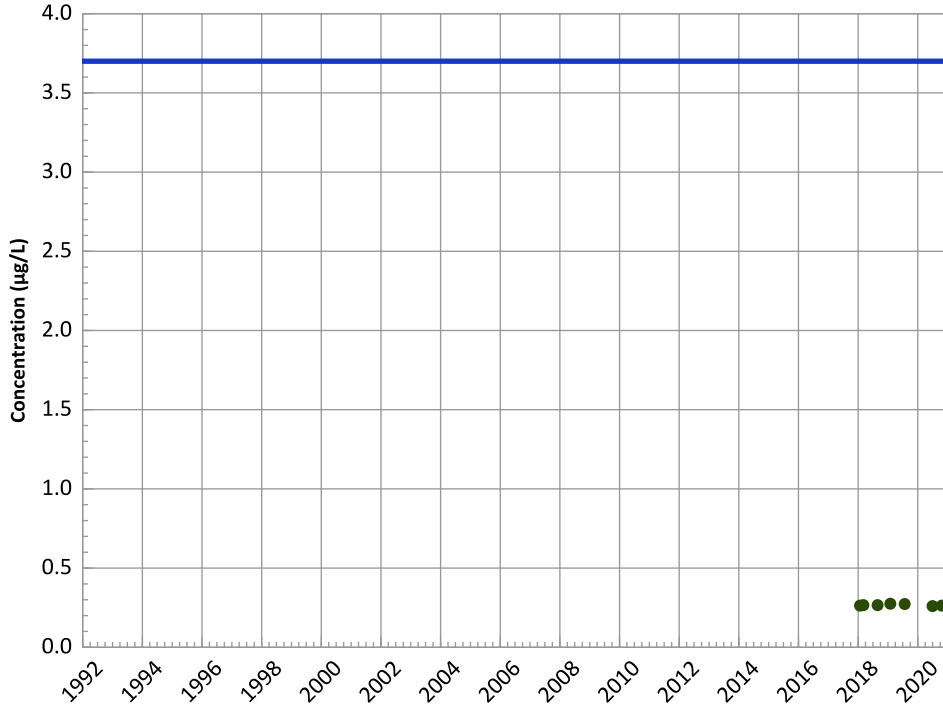
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

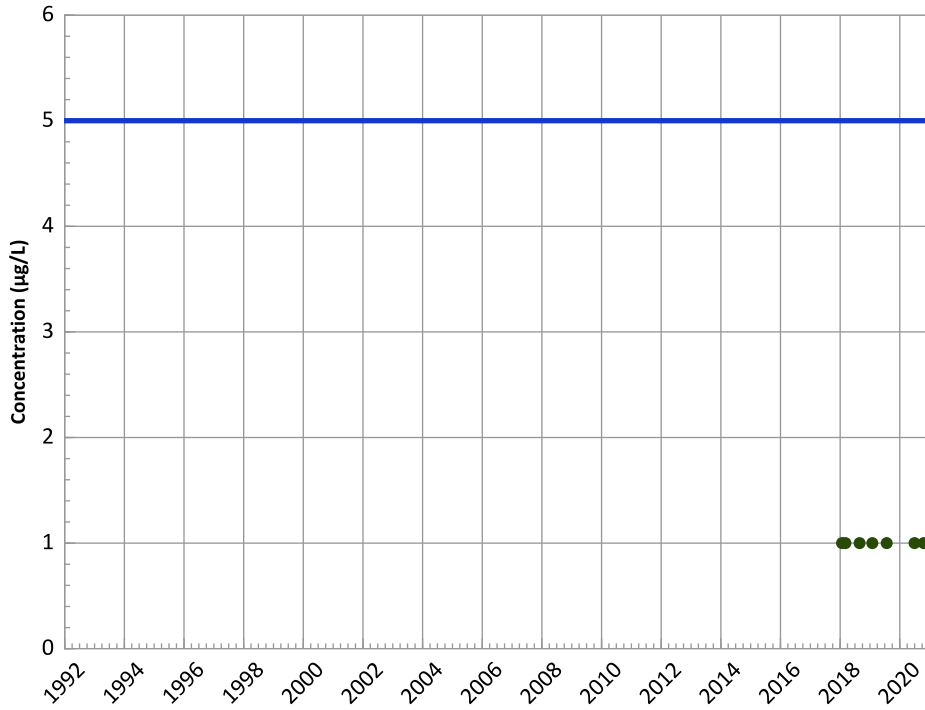
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

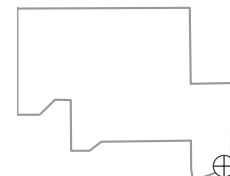
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

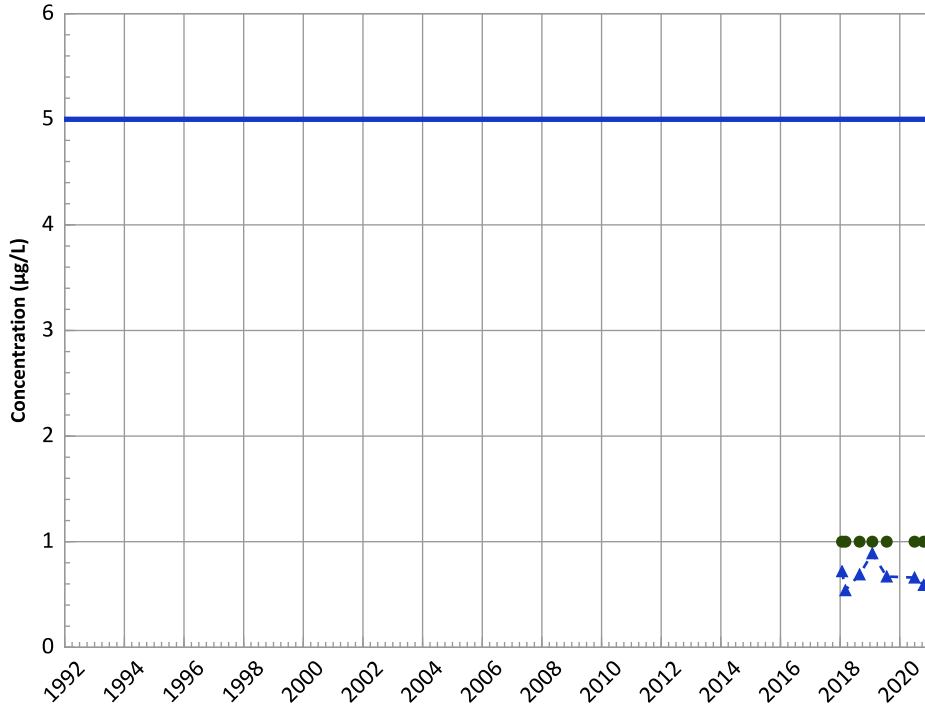


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

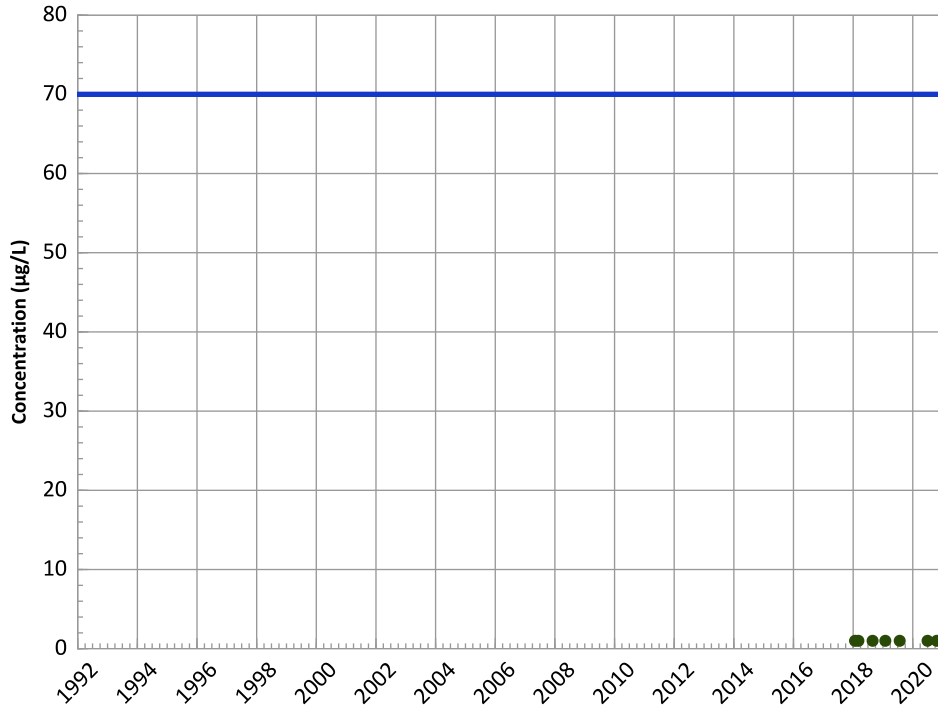
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

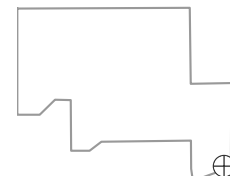
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

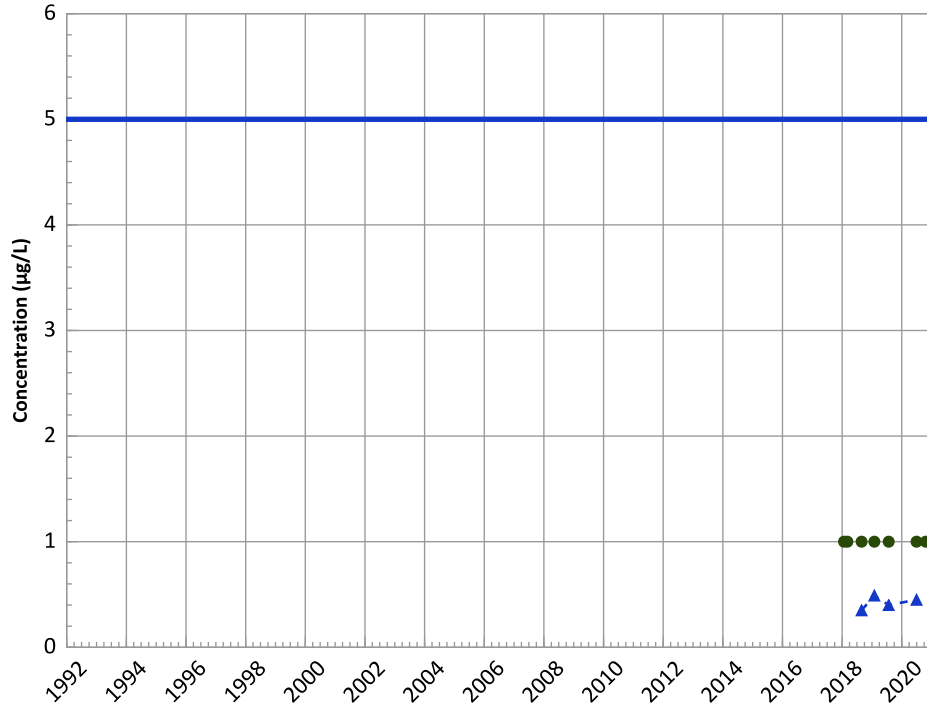
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

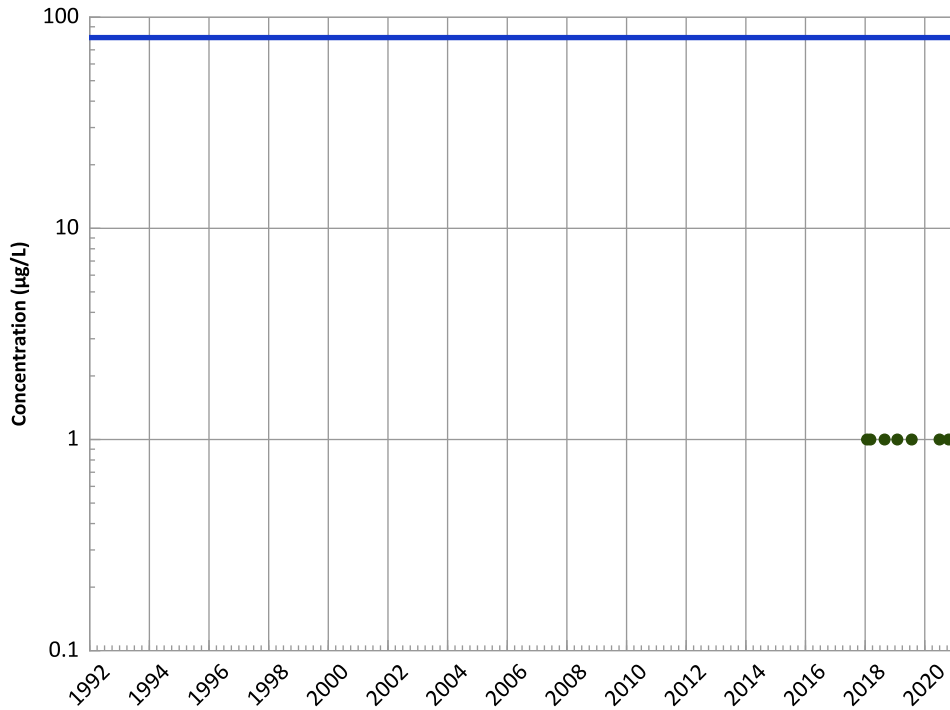


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

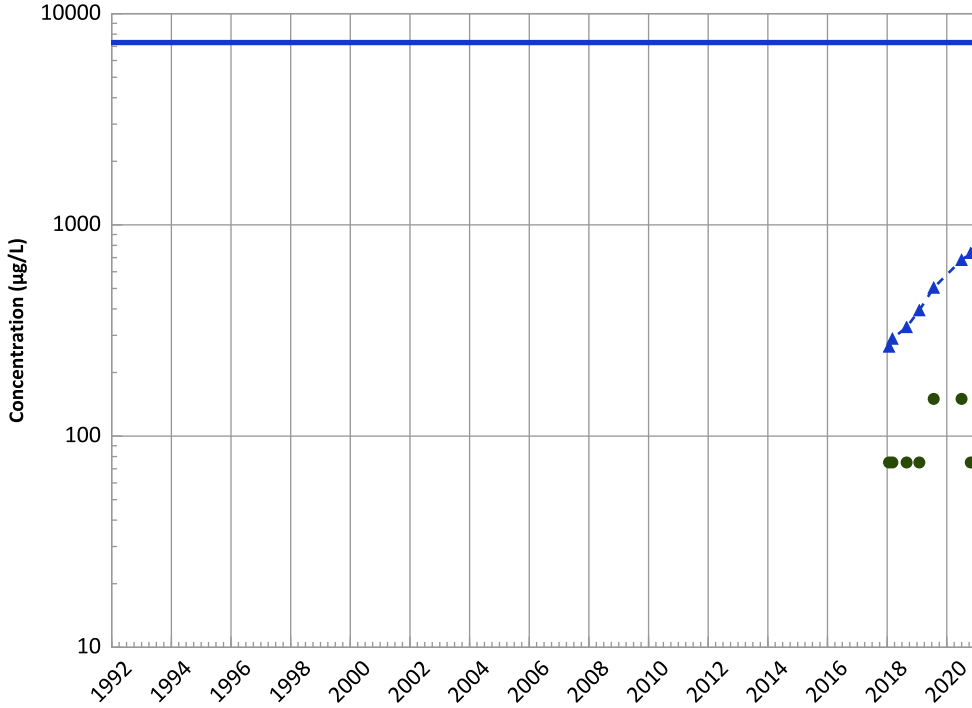


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

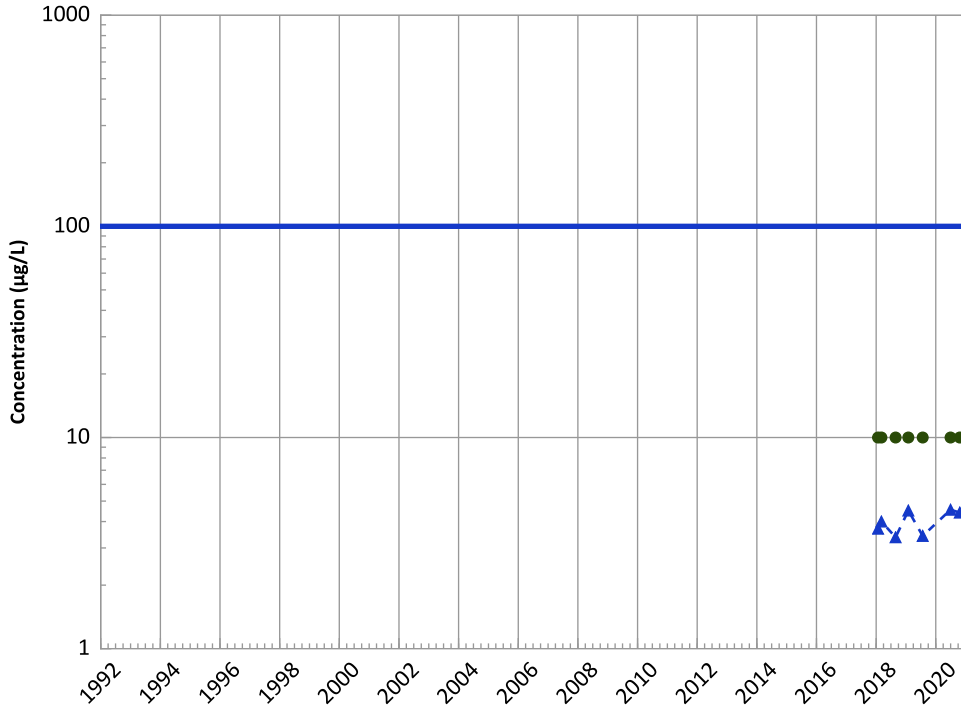
2018 - 2020 Data:

Increasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

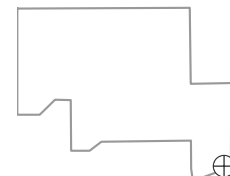
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

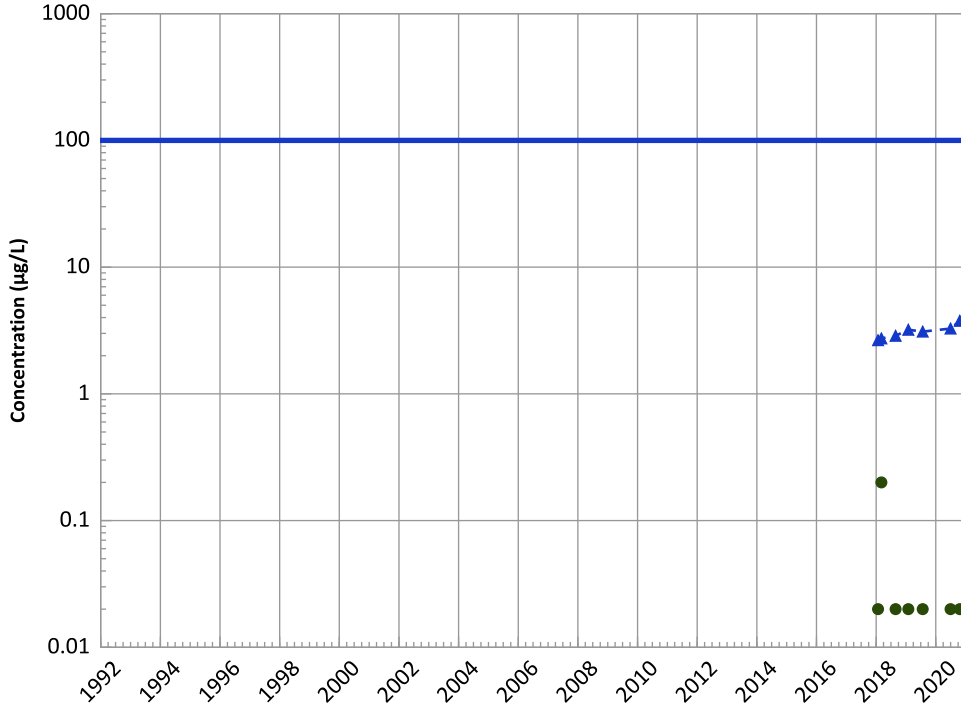
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

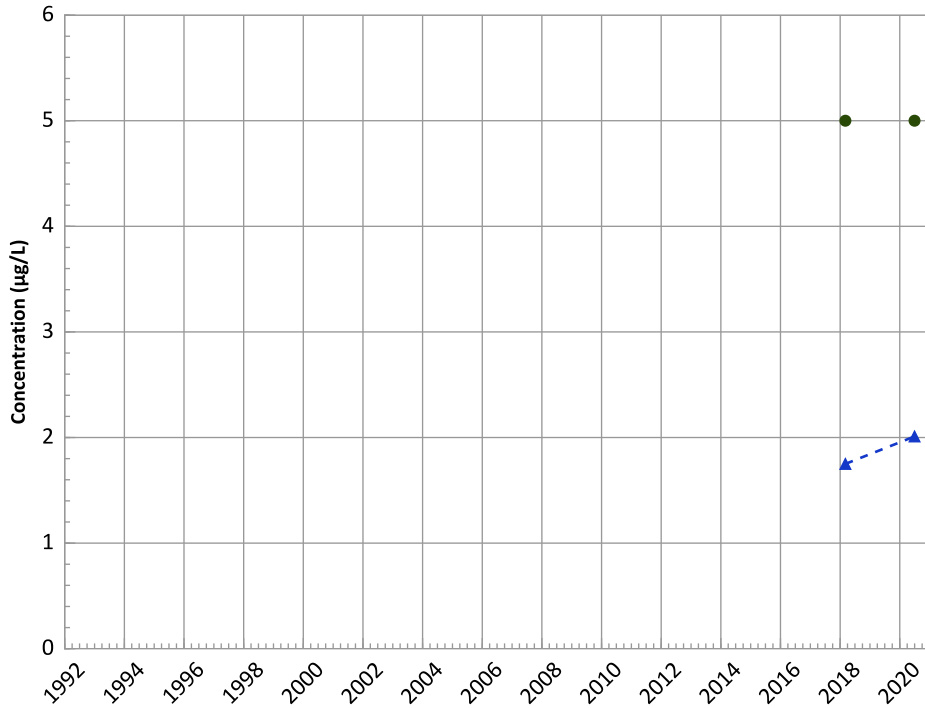
2018 - 2020 Data:

Increasing

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

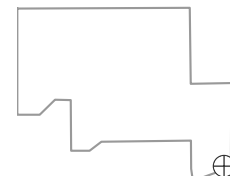
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

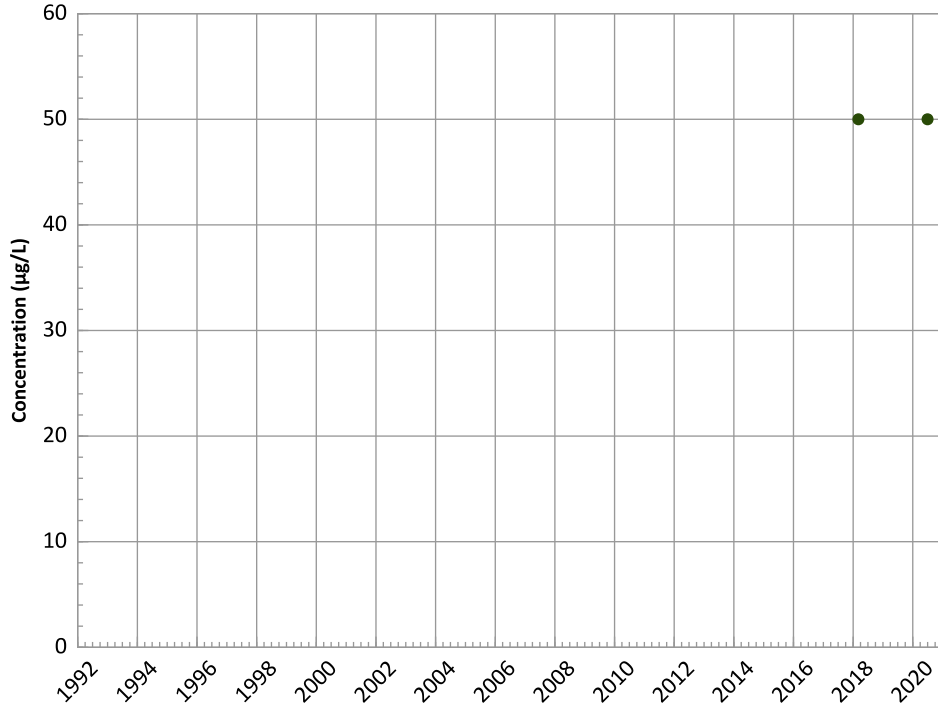


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

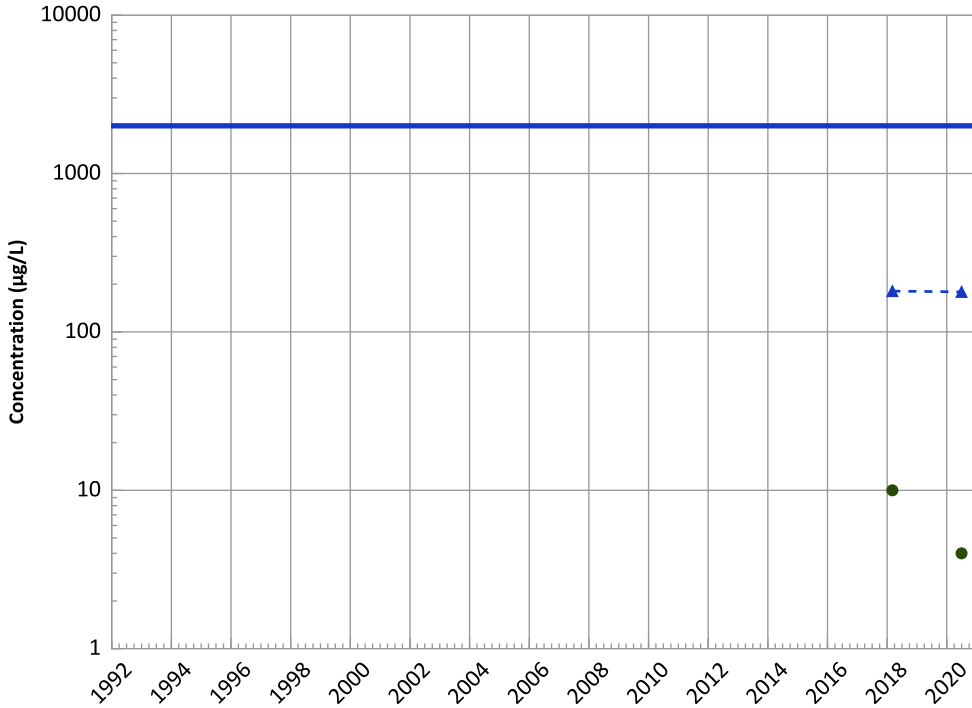


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend

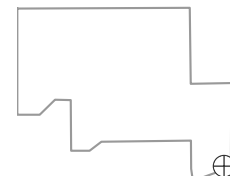


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

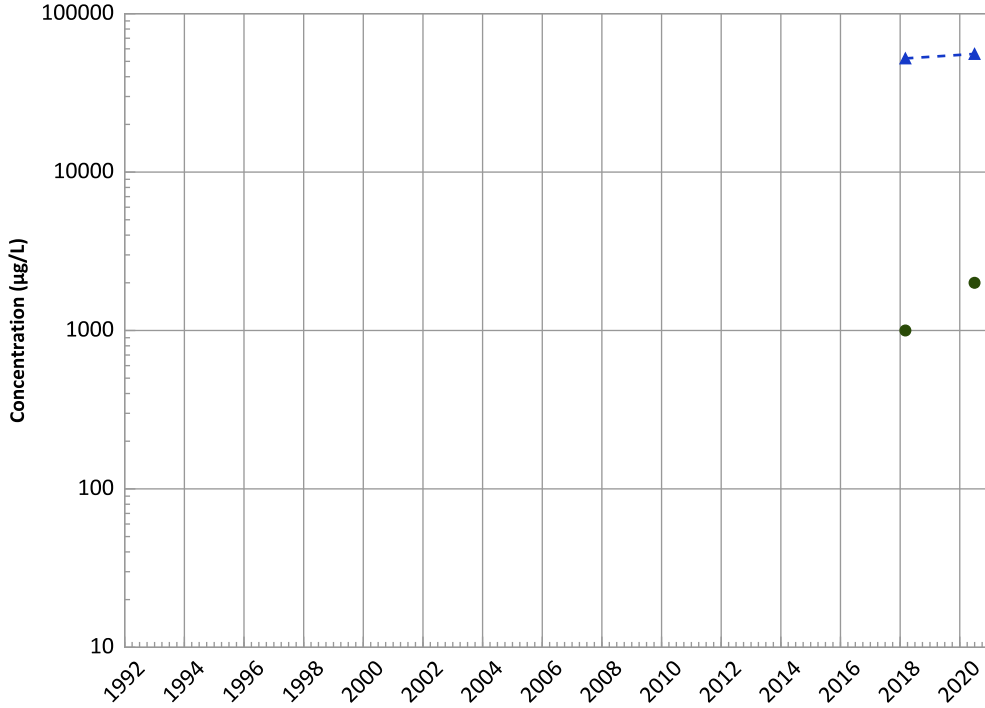


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

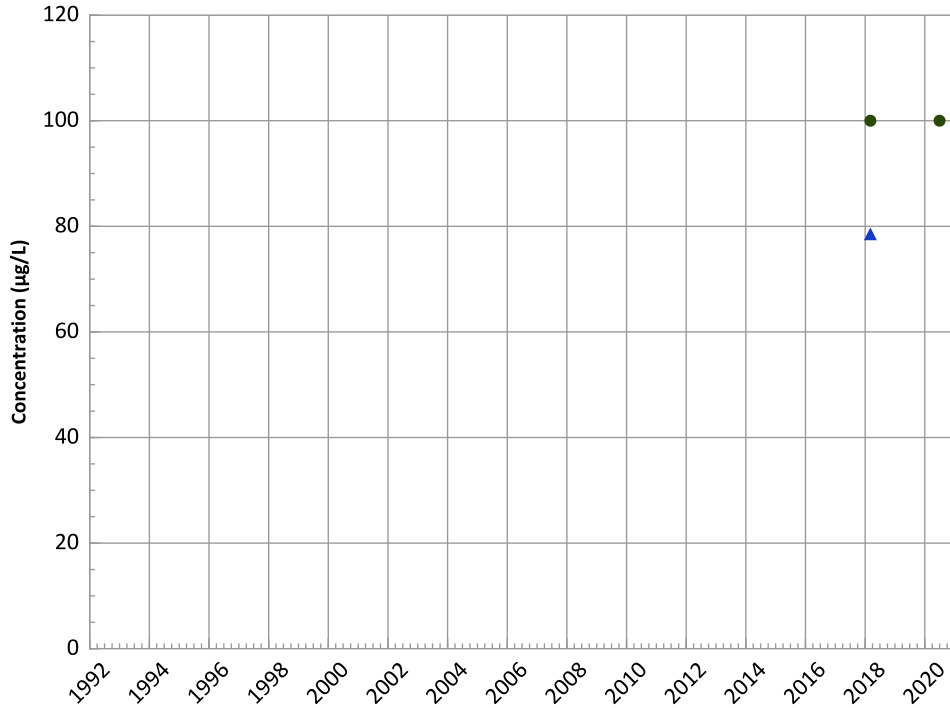
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Well Location

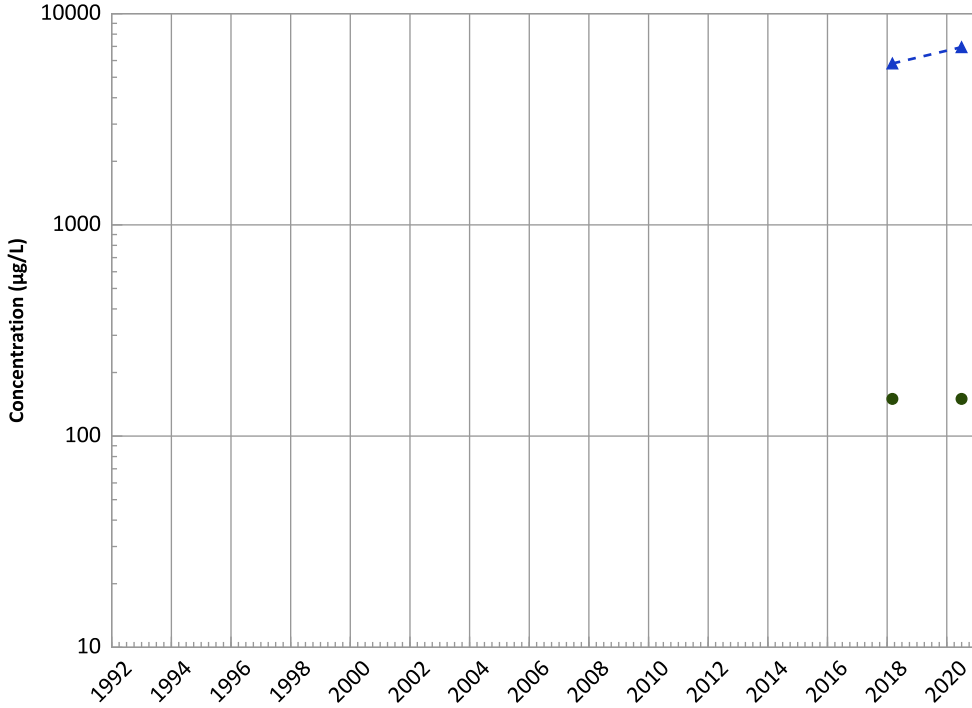


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

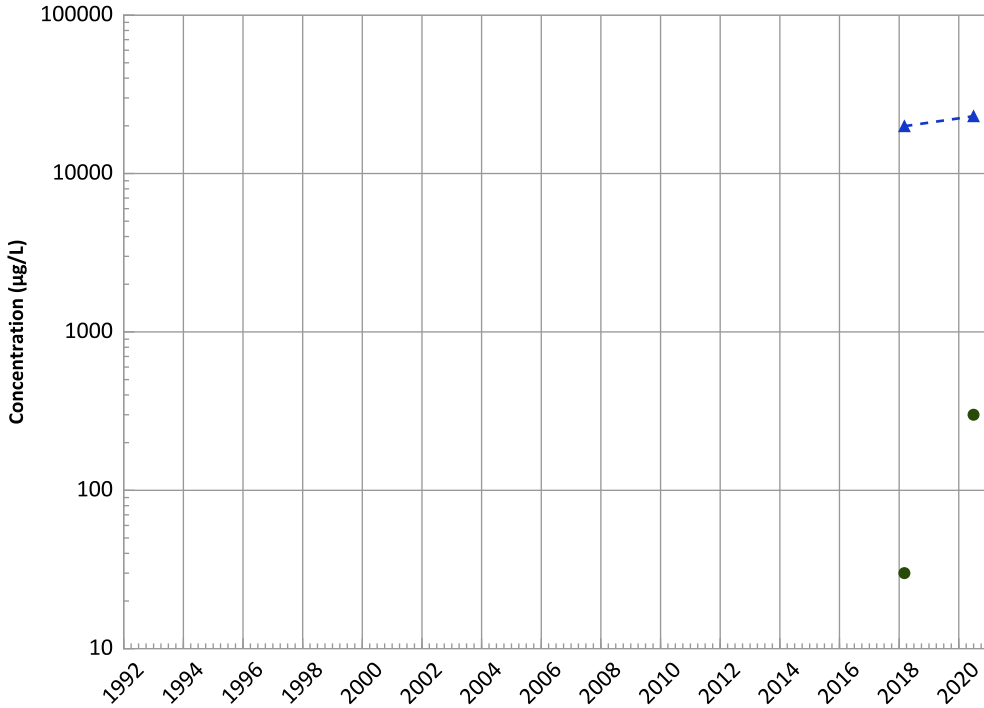
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

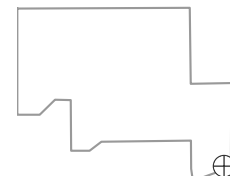
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

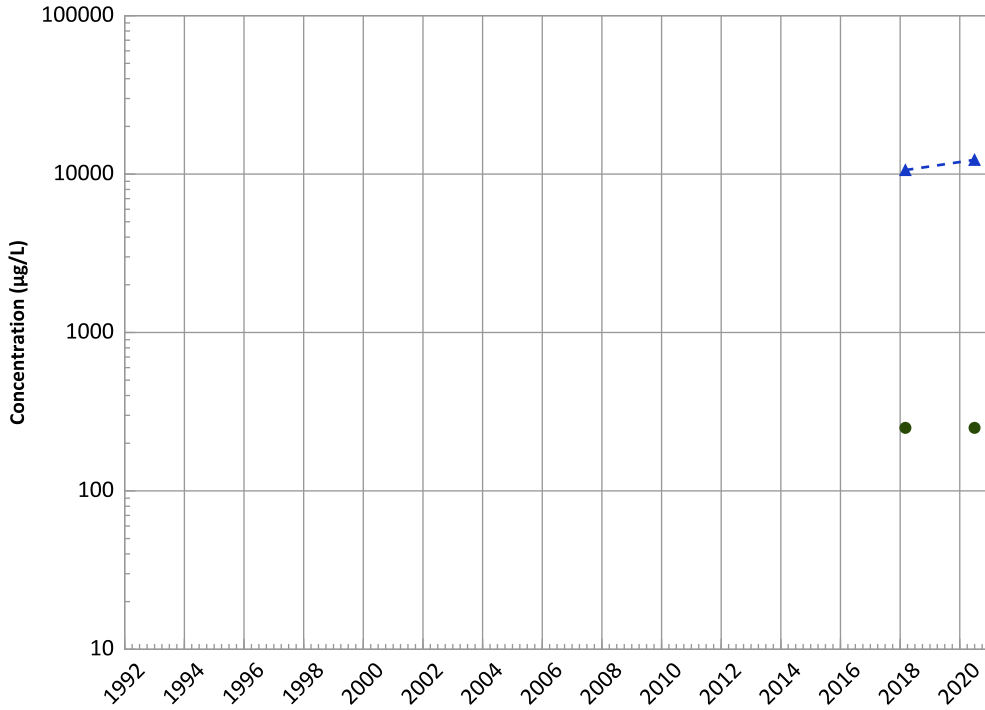
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/24/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1190 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

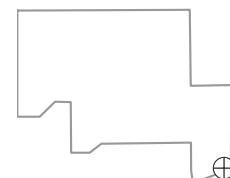
2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

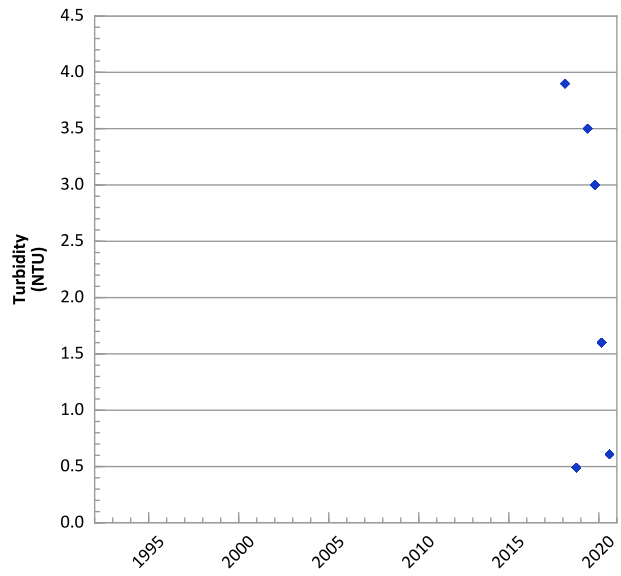
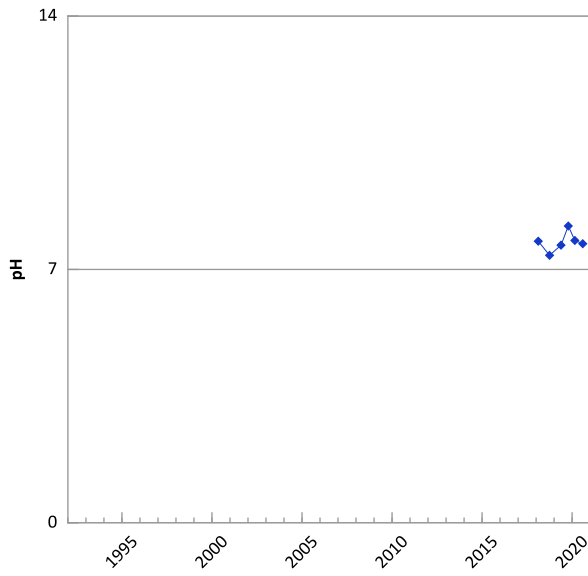
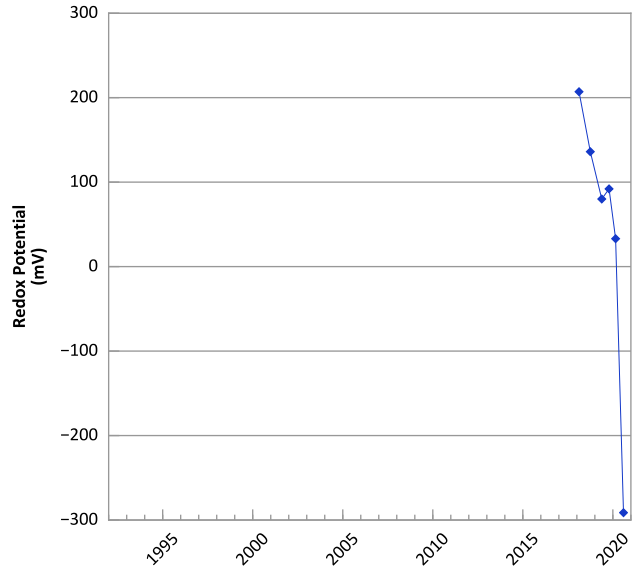
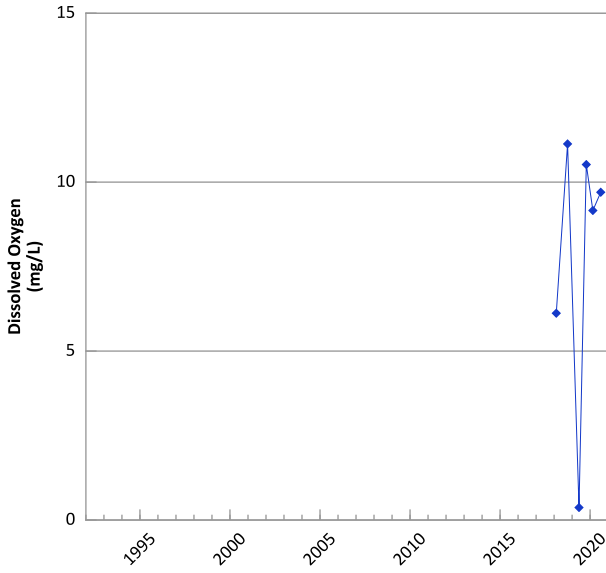
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/24/2018 to 10/21/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

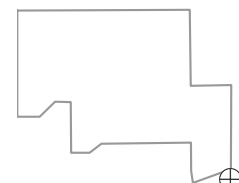


**PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



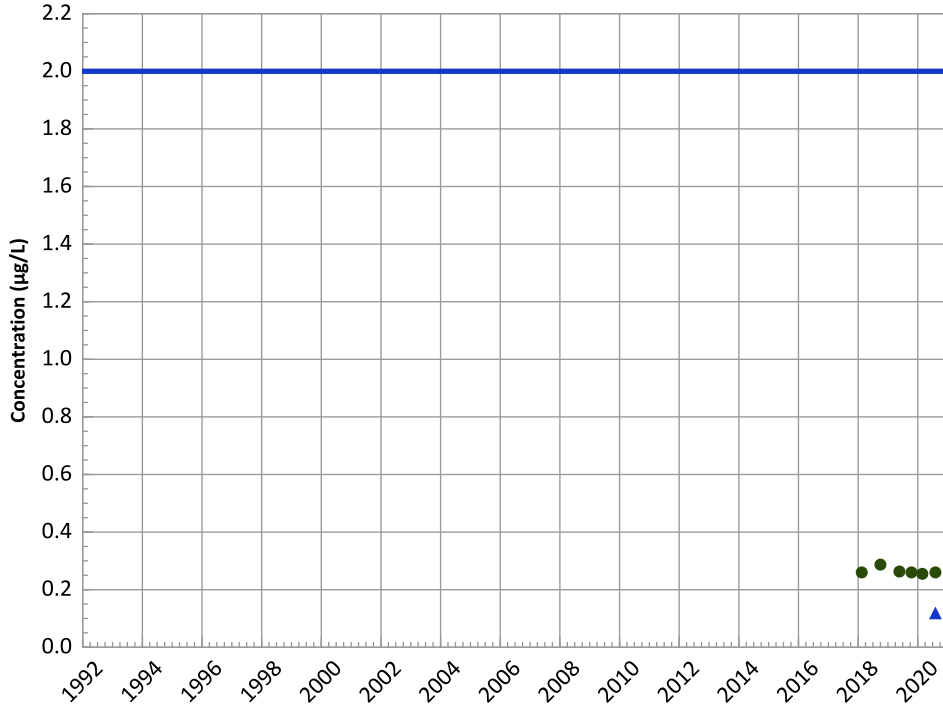
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/14/2018 to 08/04/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

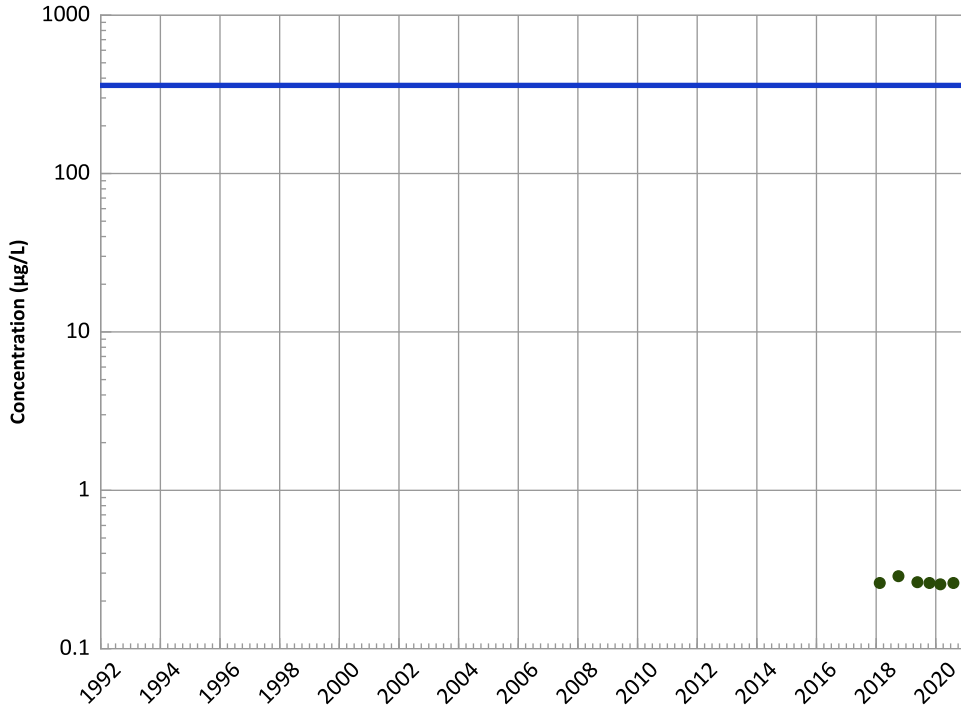
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

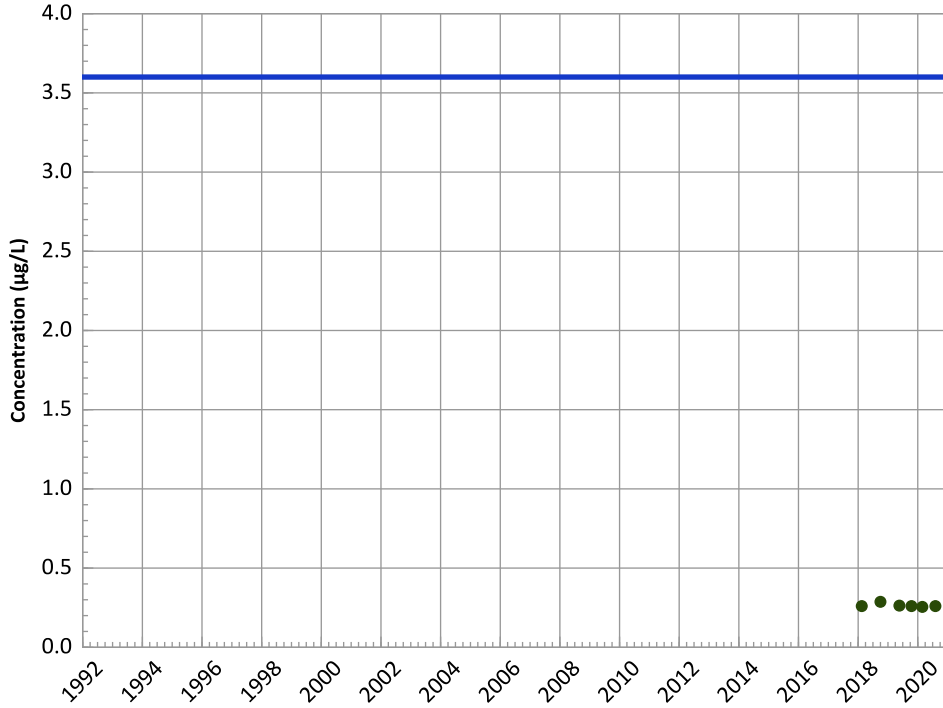
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

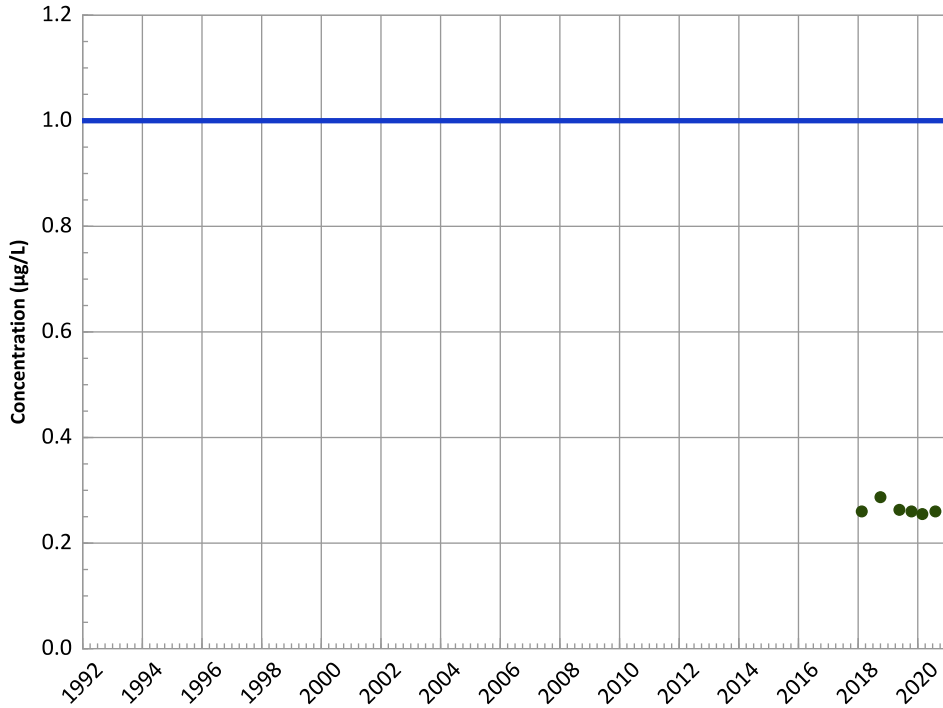
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

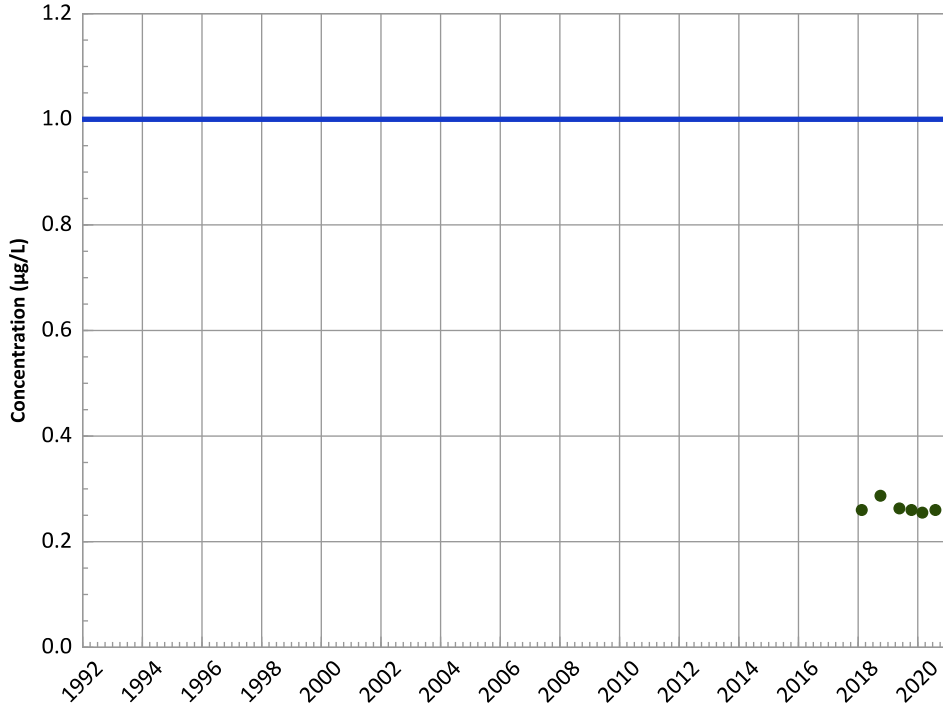
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

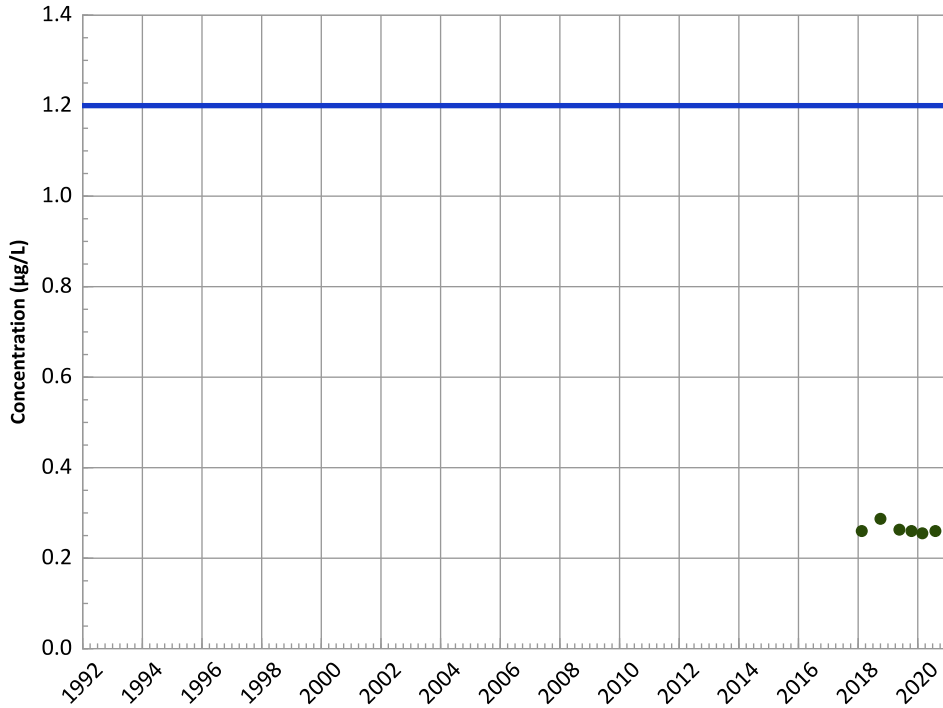
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

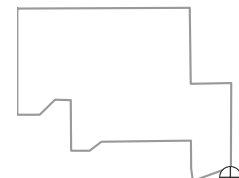
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

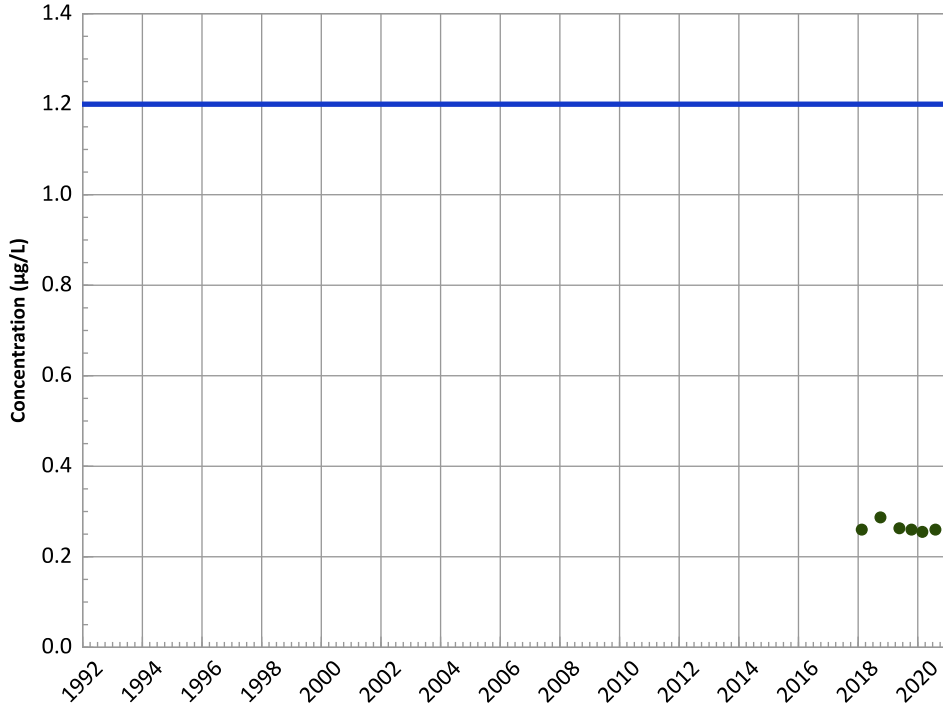
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

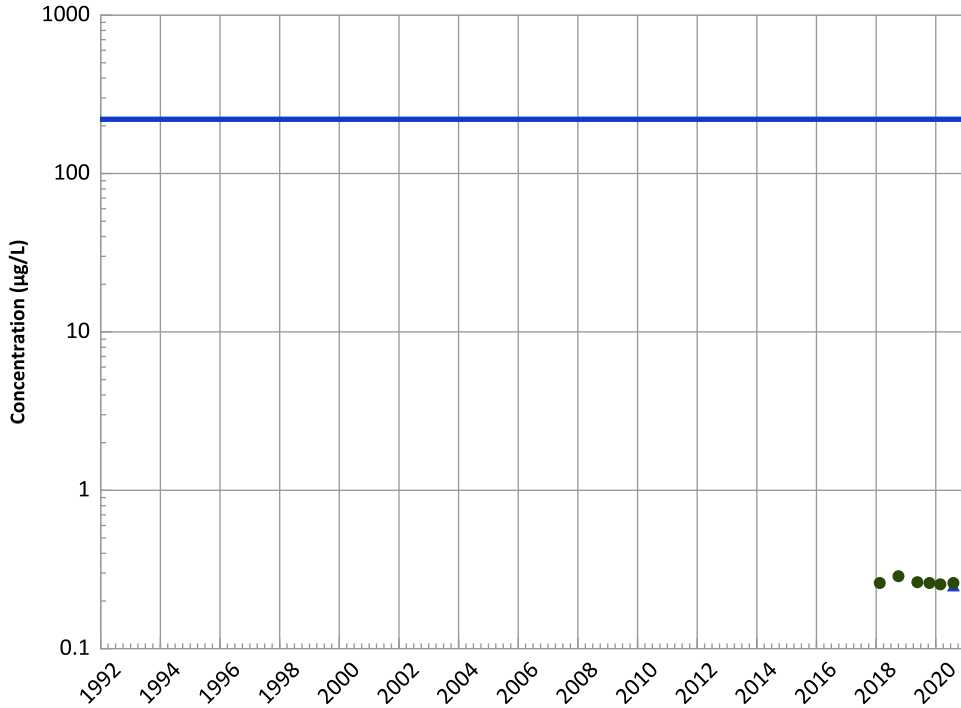
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

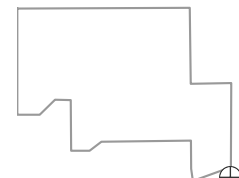
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

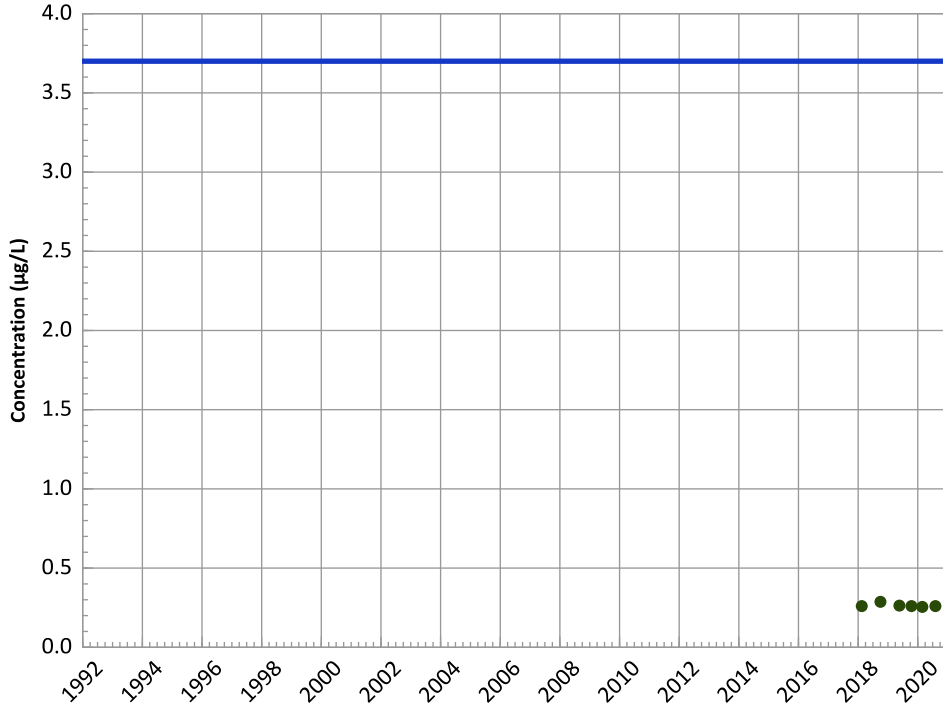
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

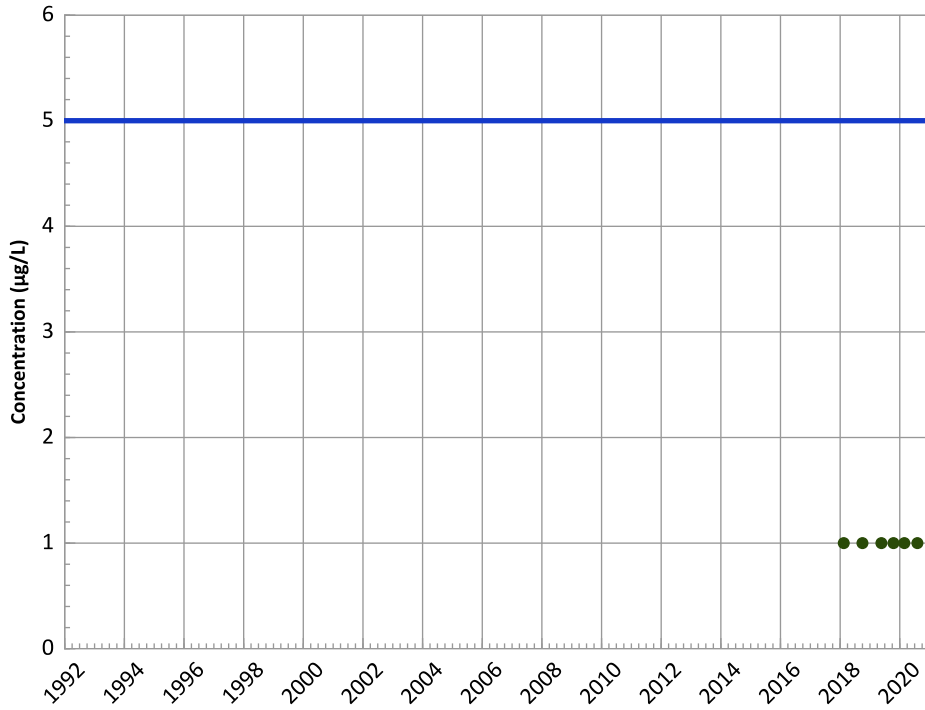
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

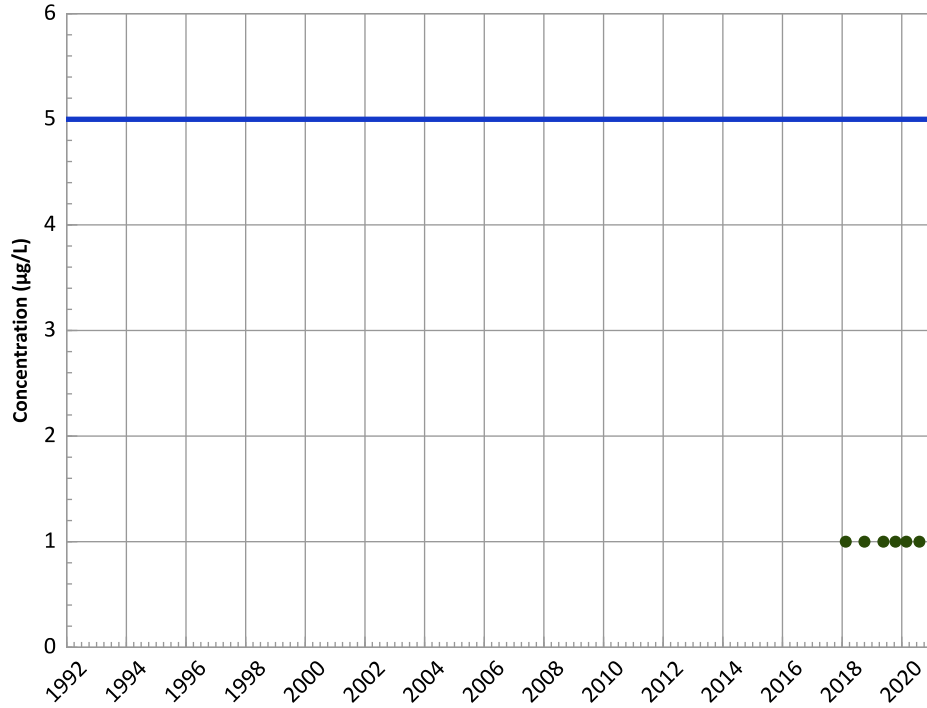
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

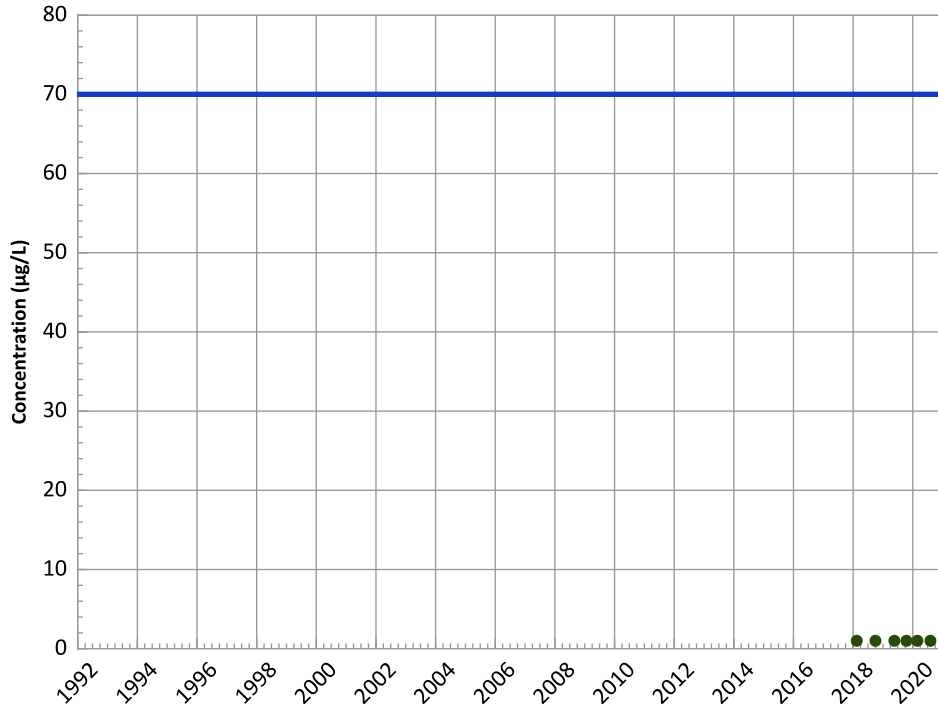
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

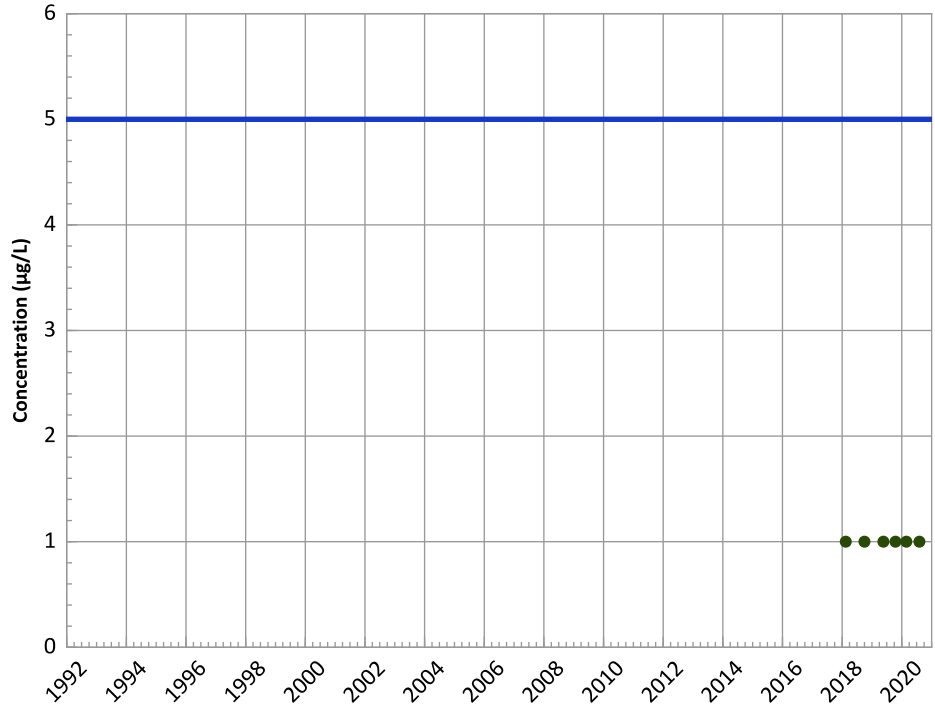
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

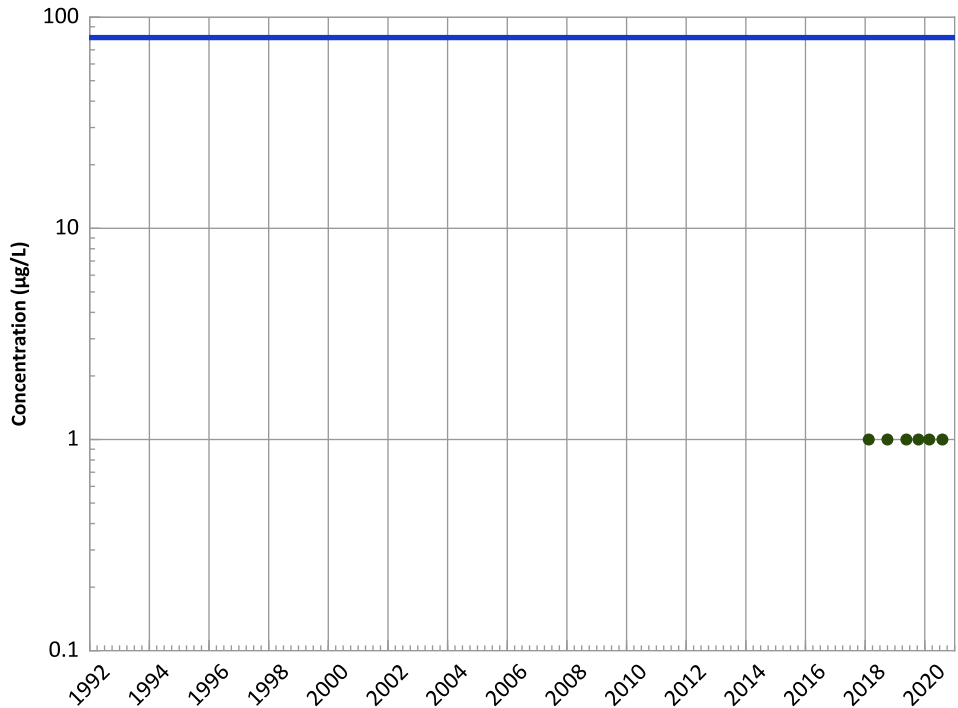
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

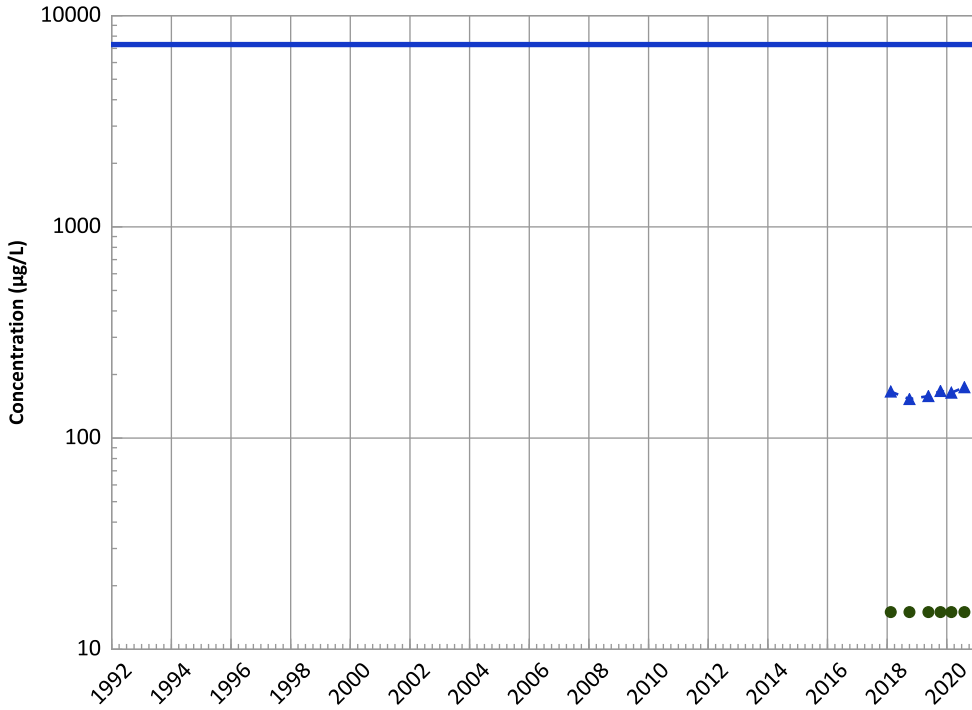
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

All Data:
No Trend

No Trend

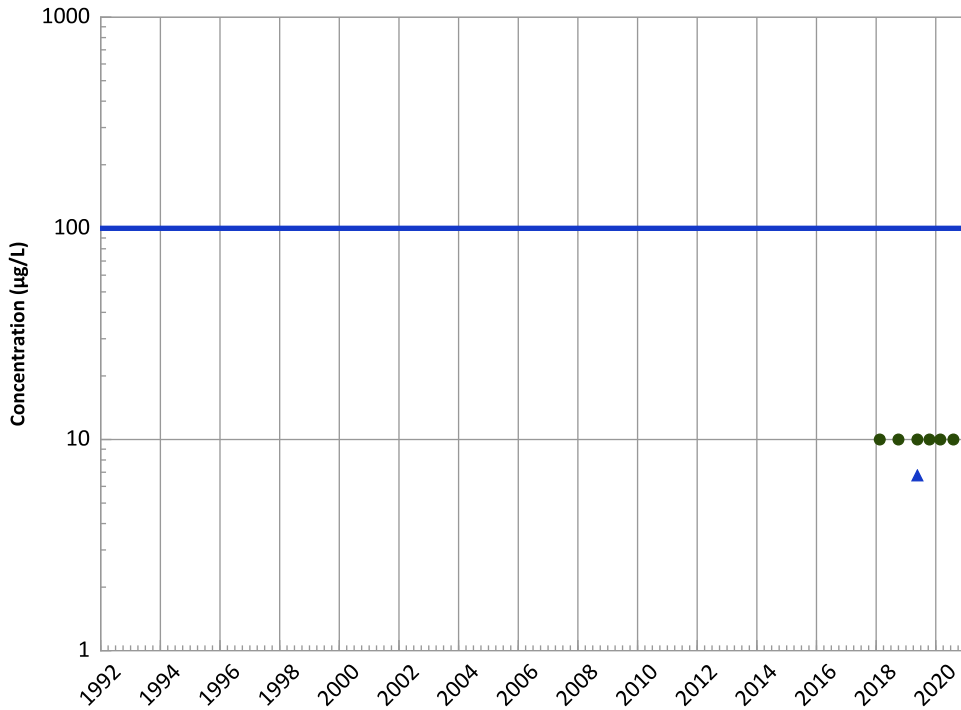
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Increasing

All Data:
No Trend

No Trend

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

N/A (<4 Detections in Dataset)

Well Location

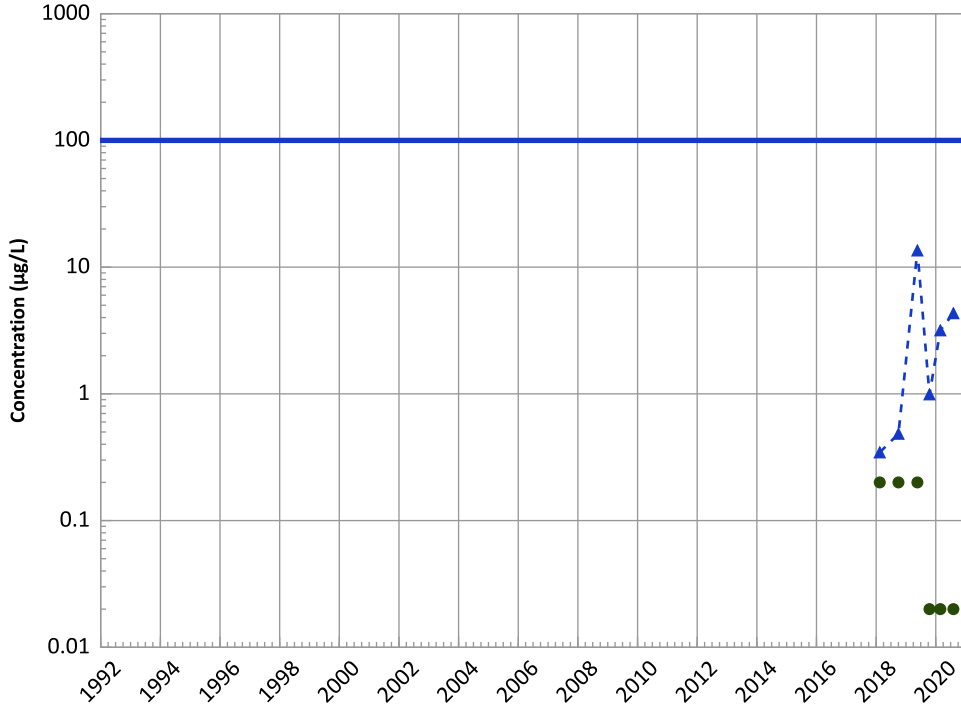


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

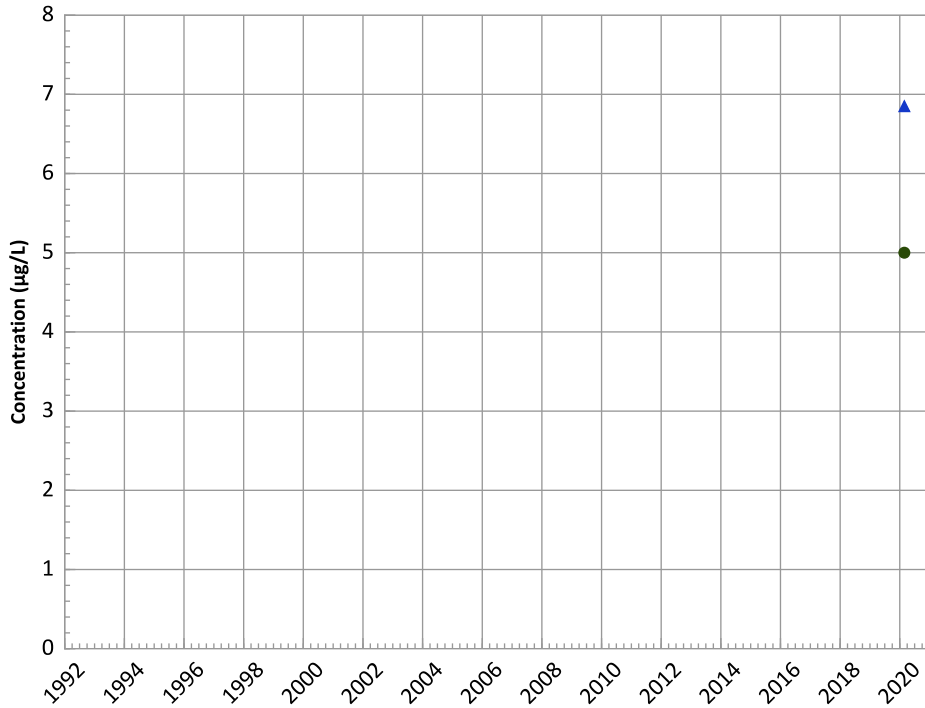
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

Manganese Trend



Concentration Trend

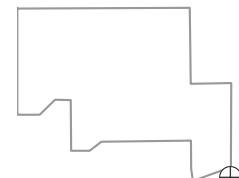
MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

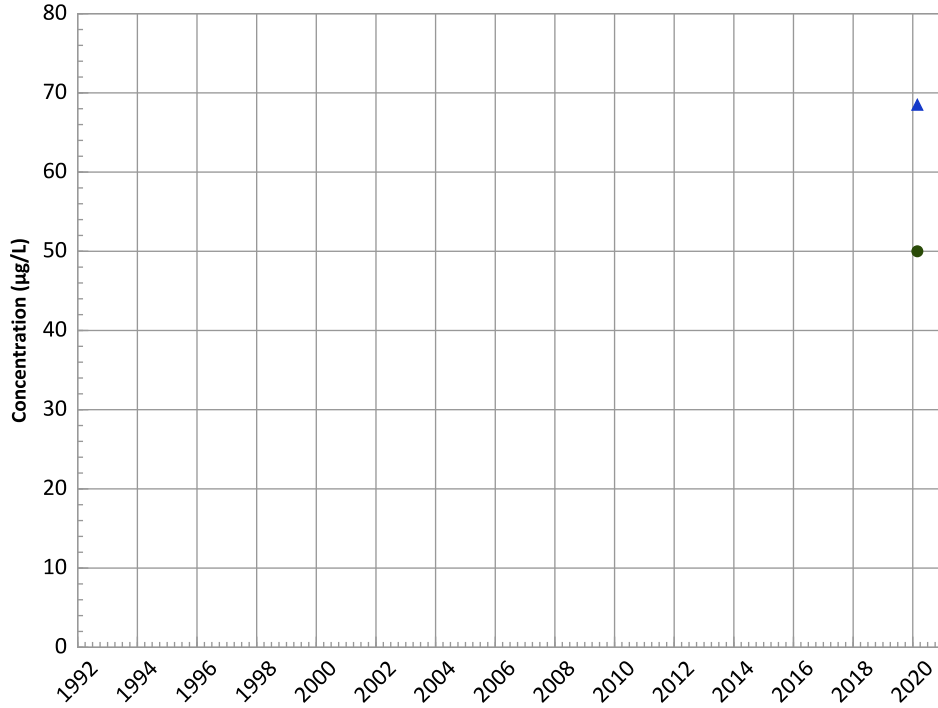


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

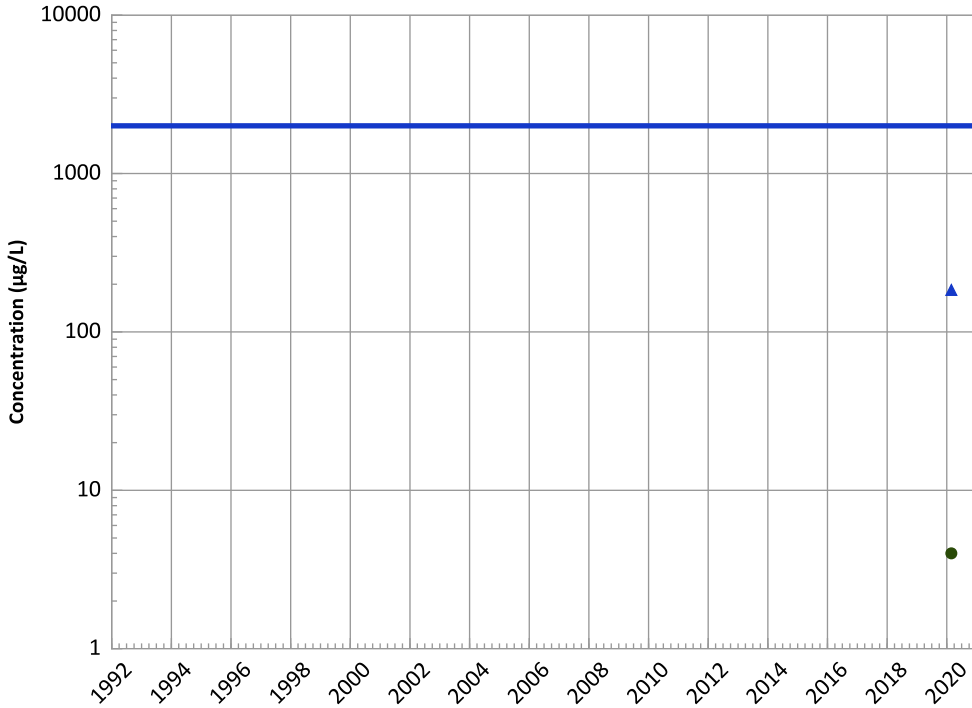


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Barium Trend

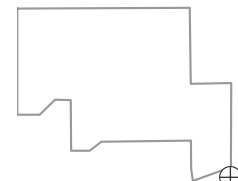


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

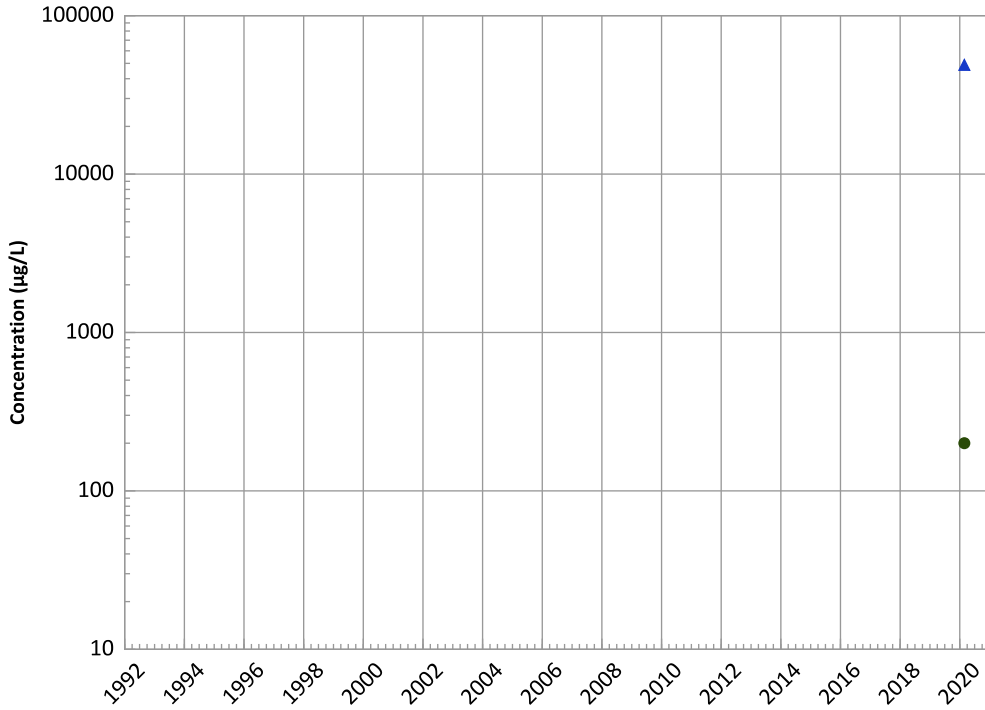


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

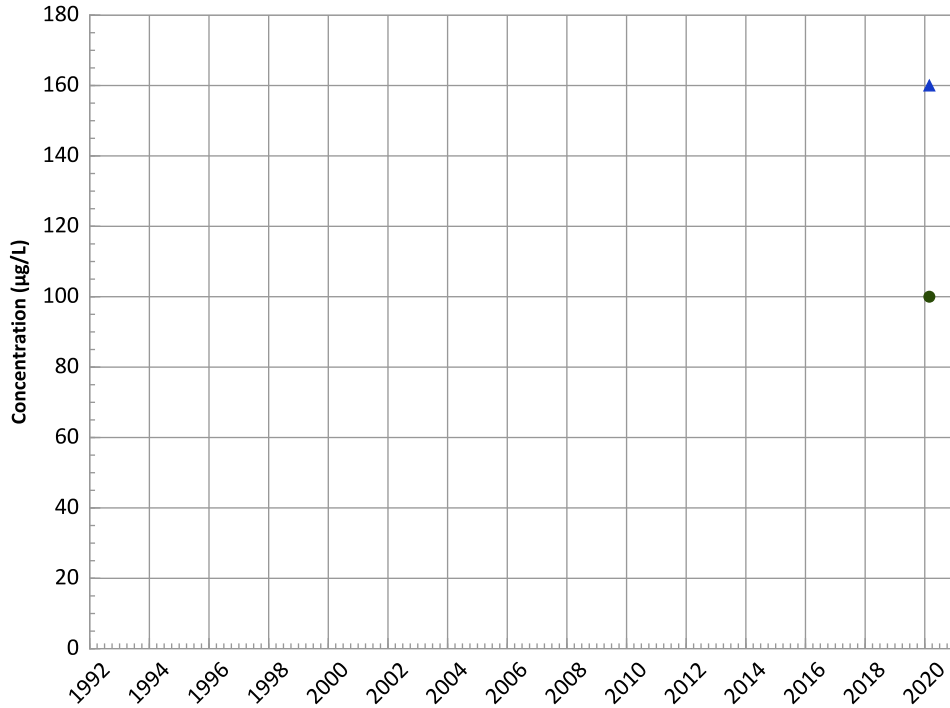


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

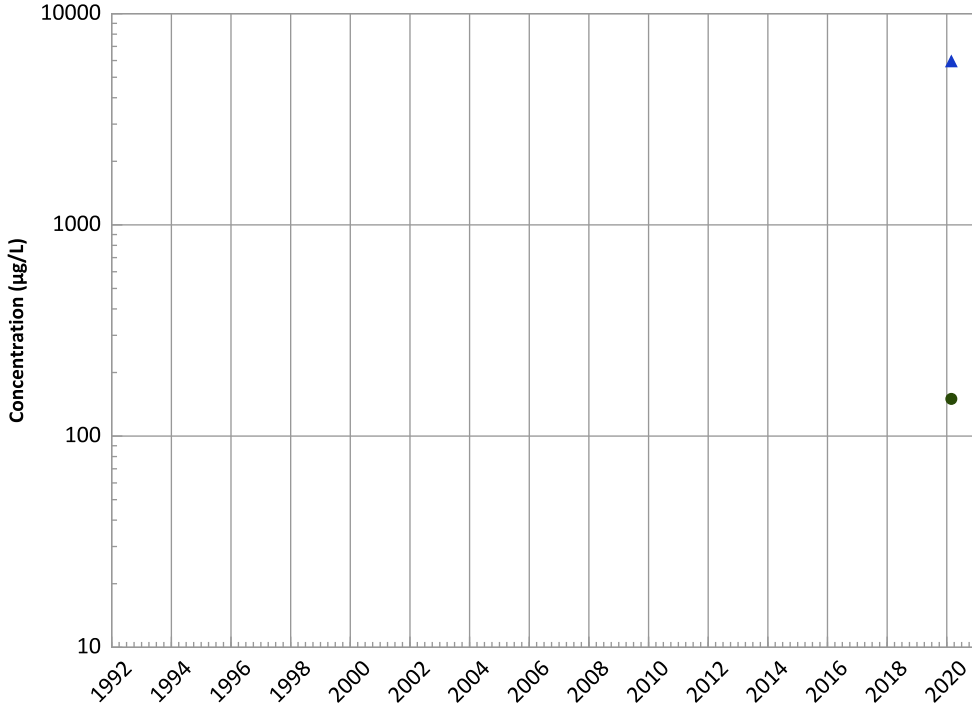
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

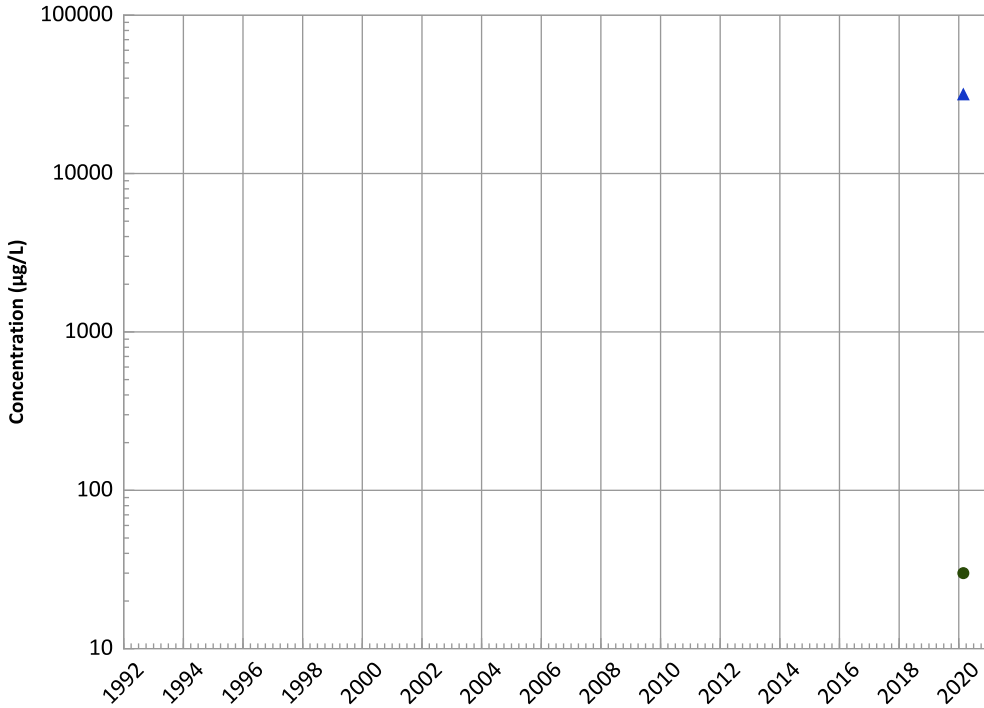
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

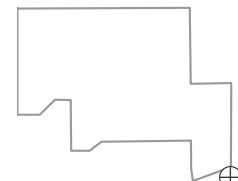
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

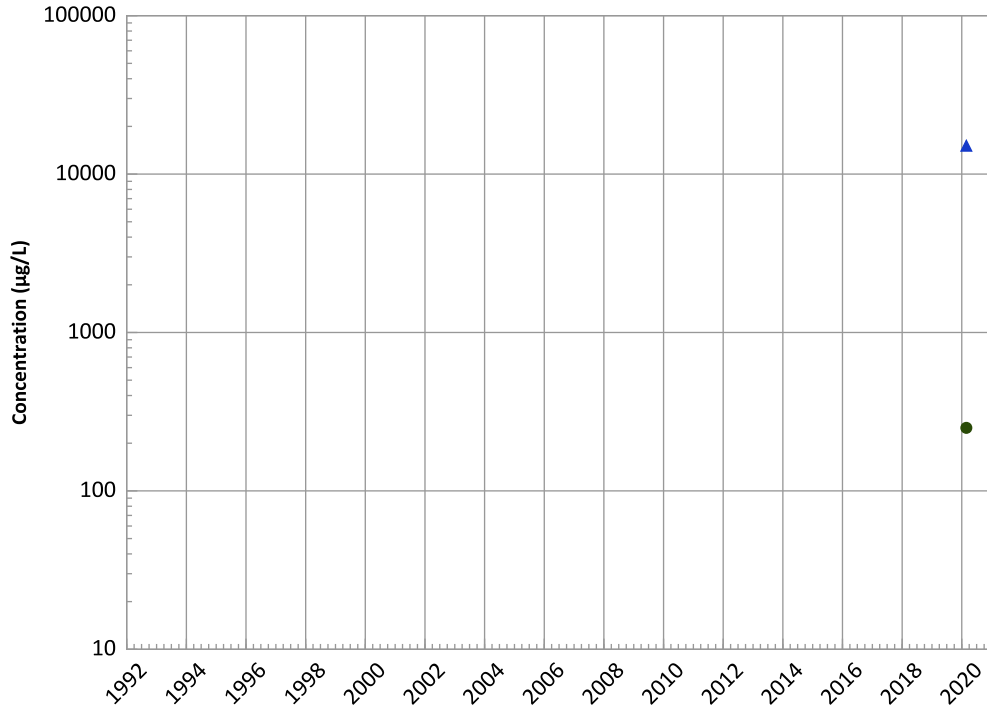
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1192 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

N/A (<4 Detections in Dataset)

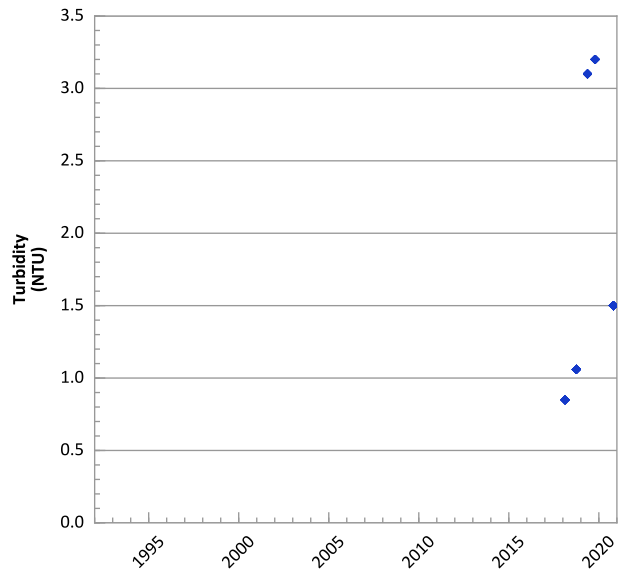
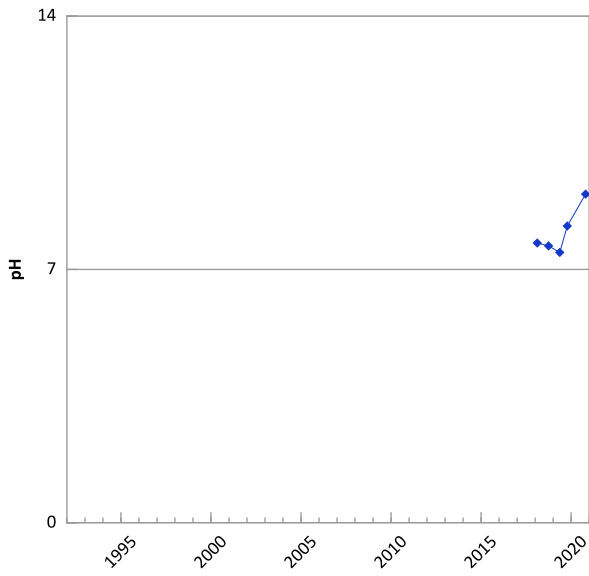
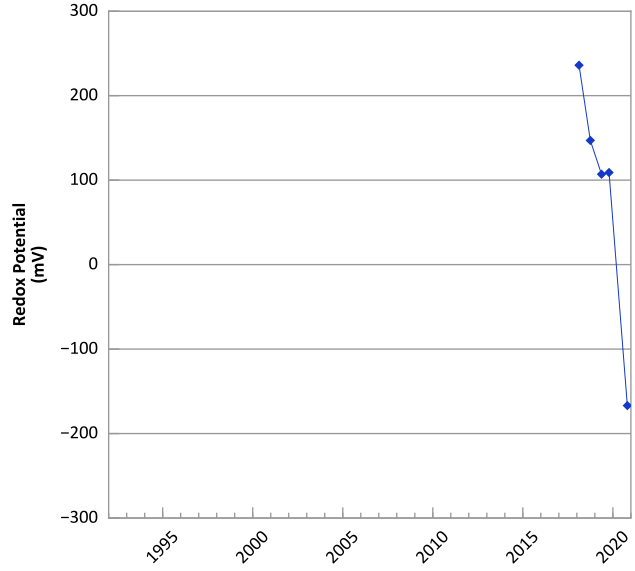
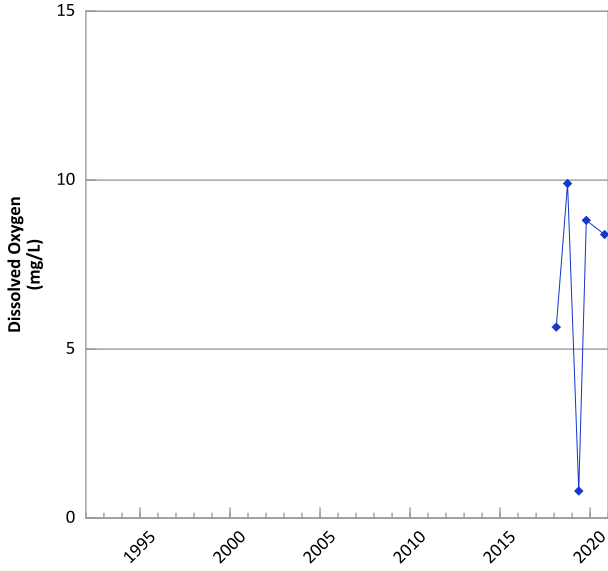
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/14/2018 to 08/04/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

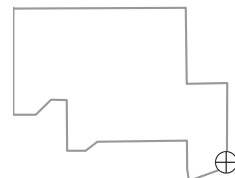


**PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



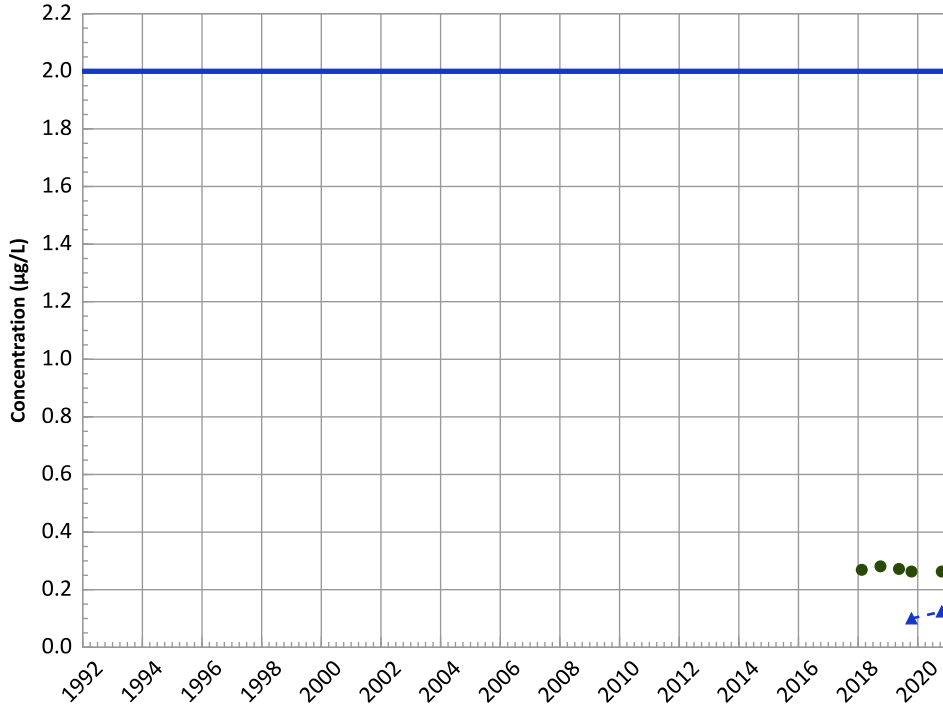
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/14/2018 to 10/21/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

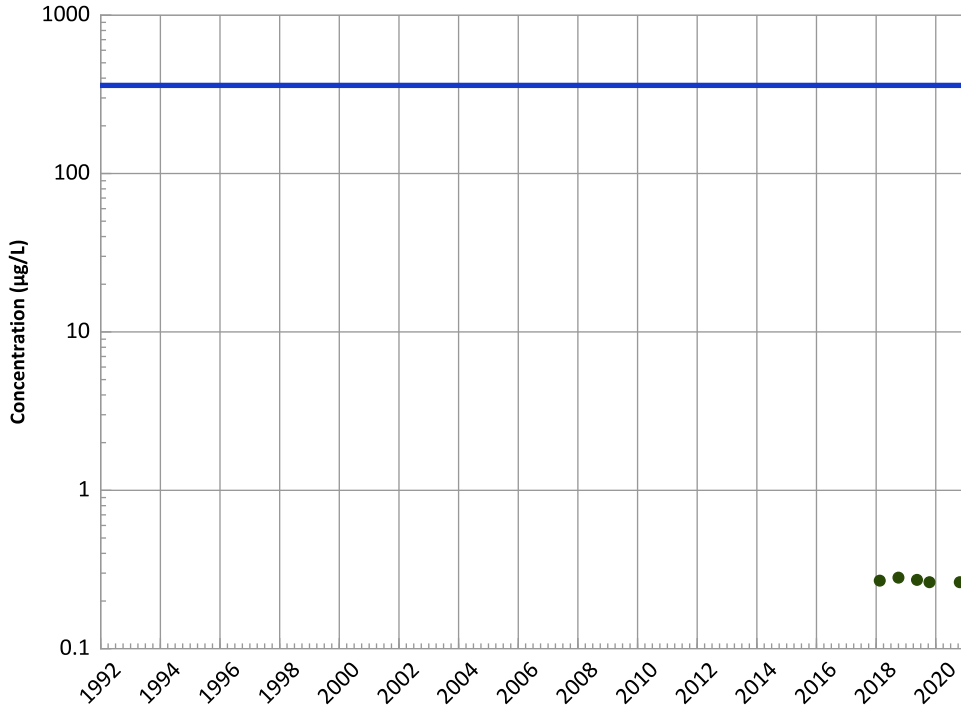
MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

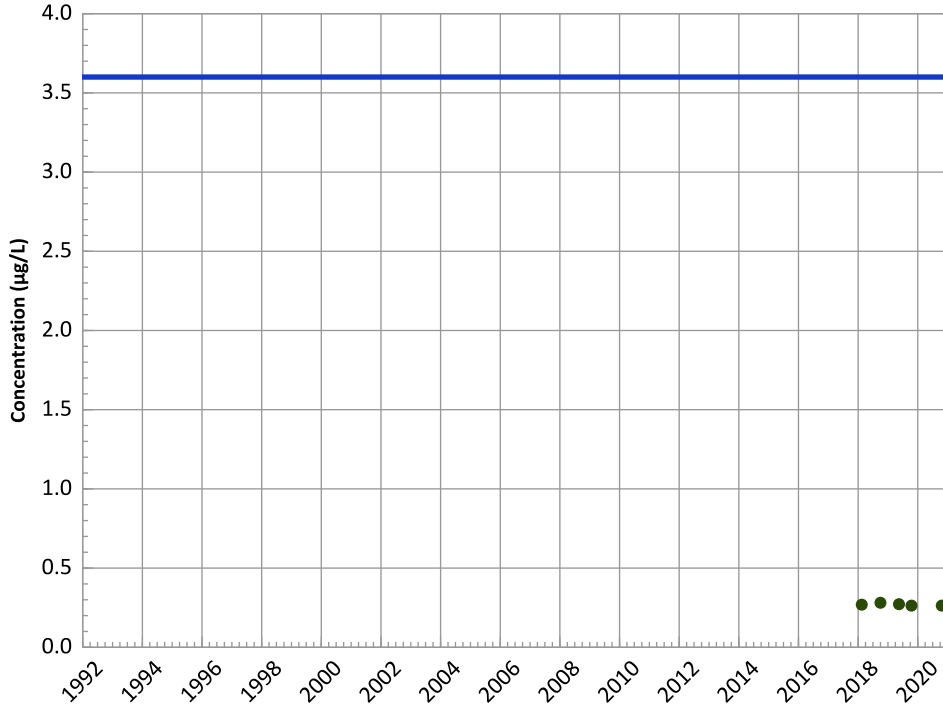
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

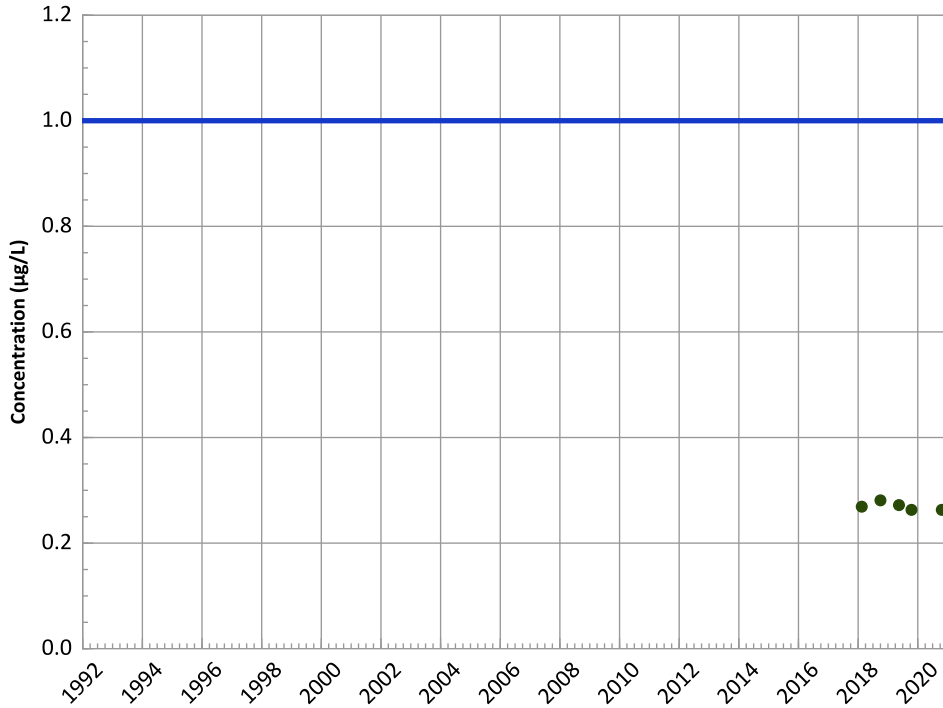
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

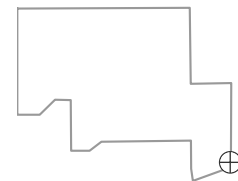
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

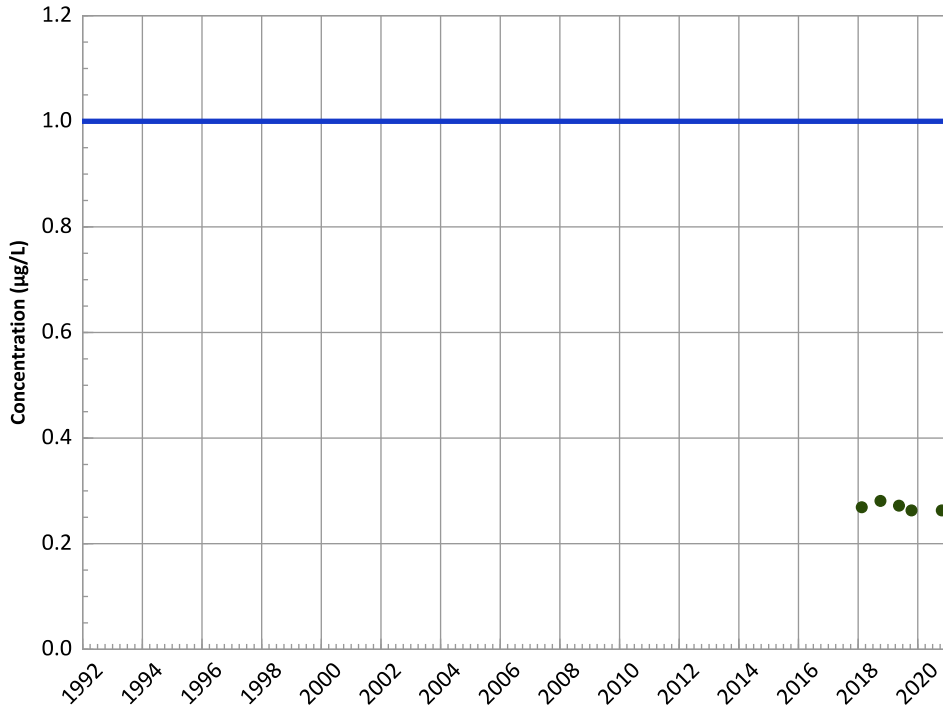


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

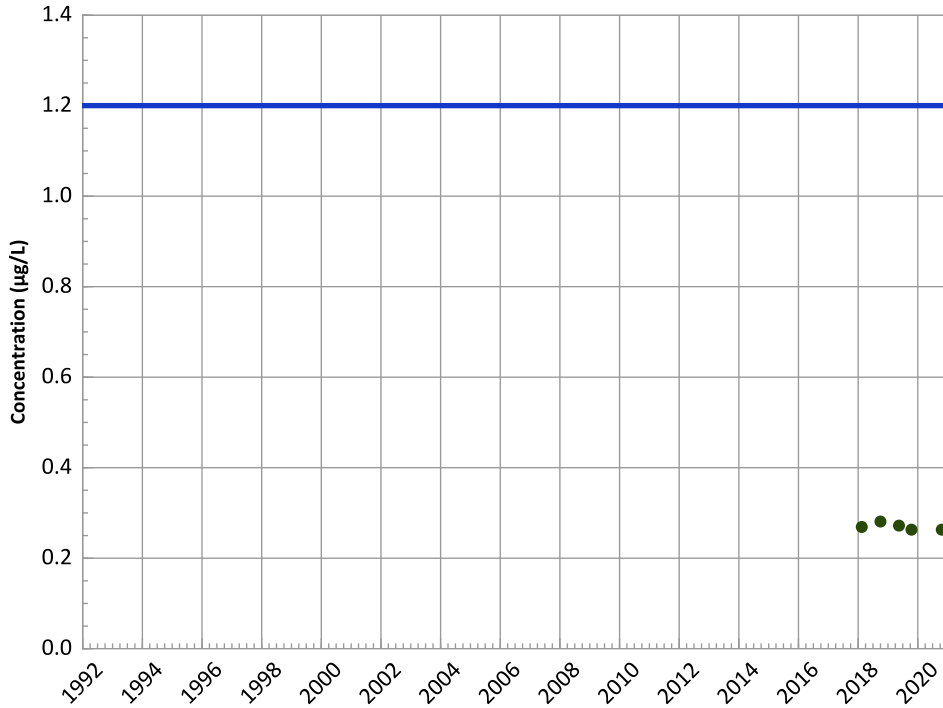
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

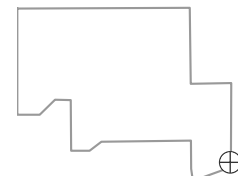
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

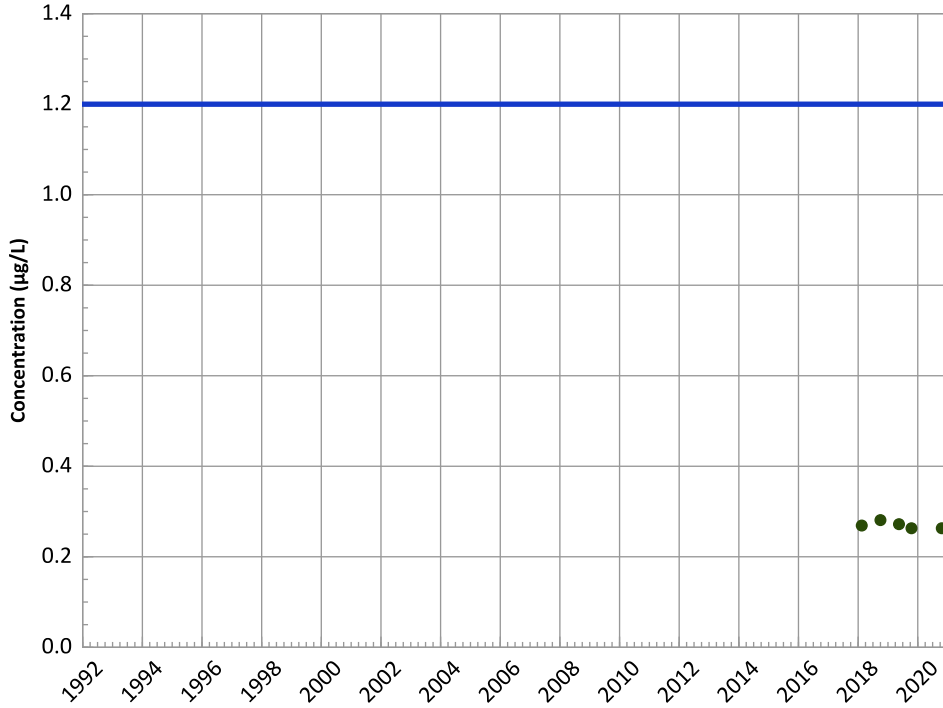


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

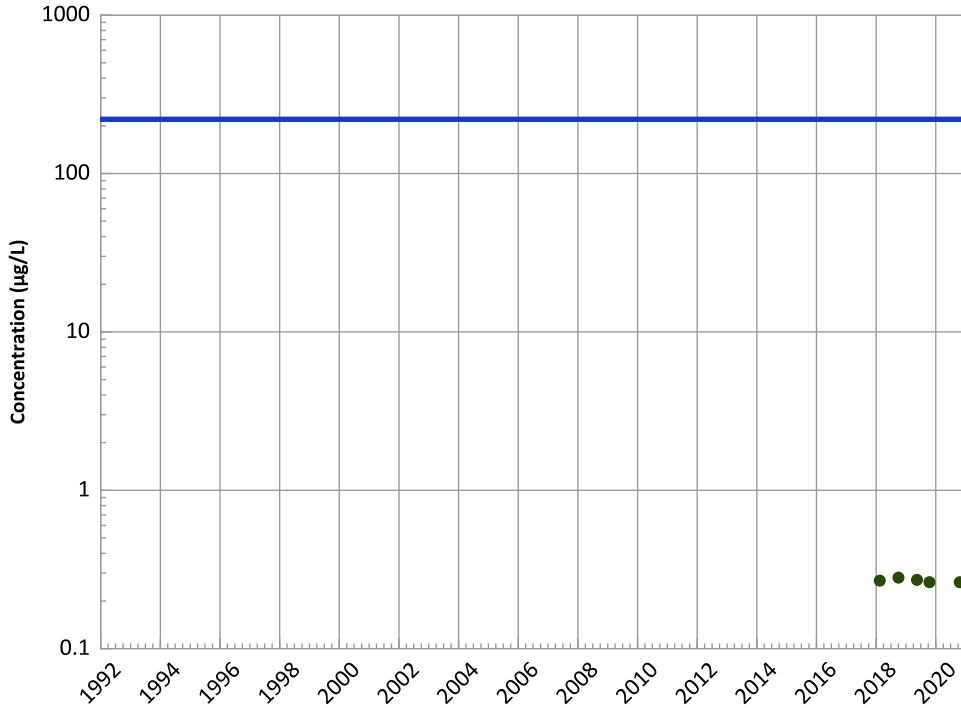
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

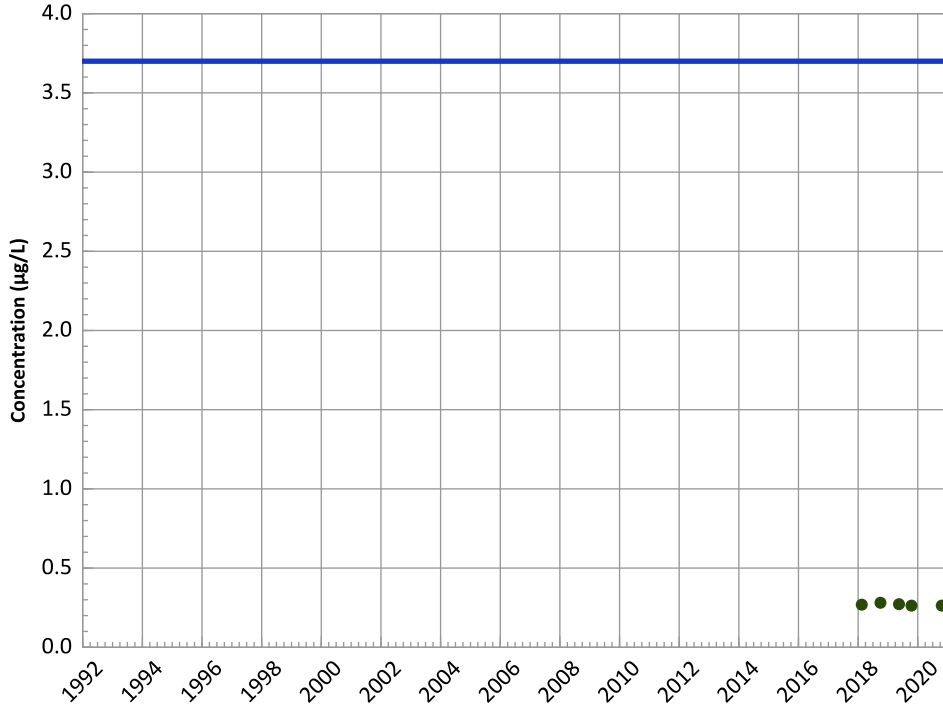
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

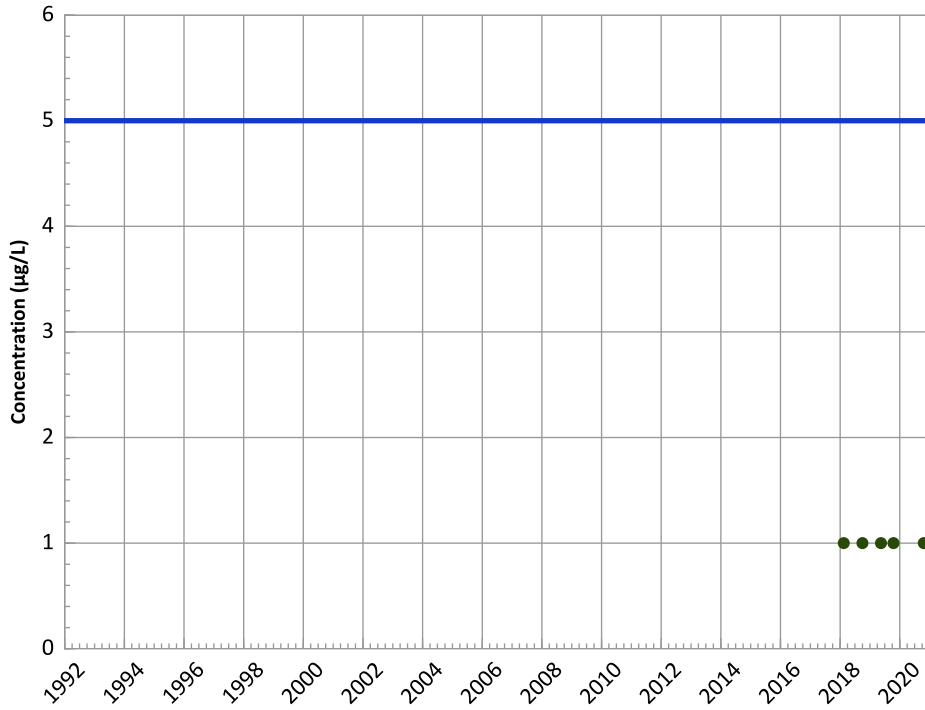
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

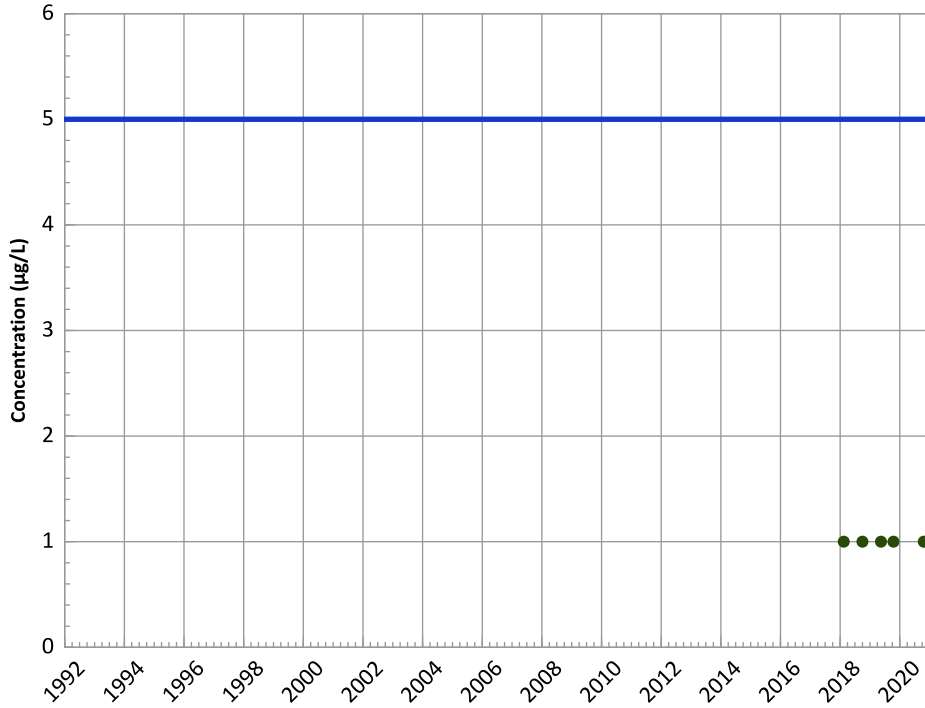
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

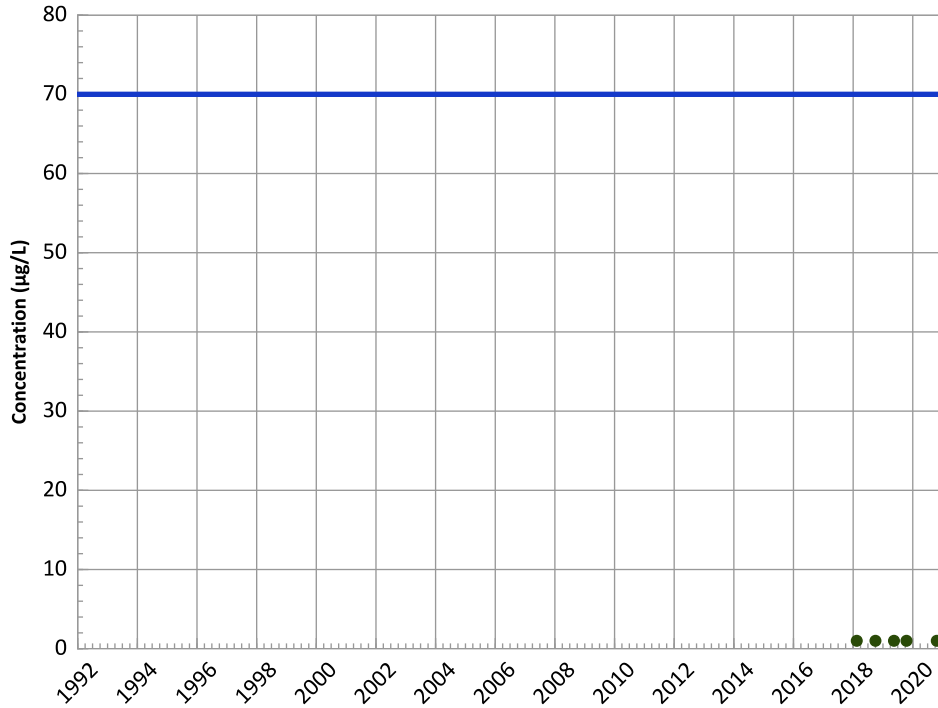
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

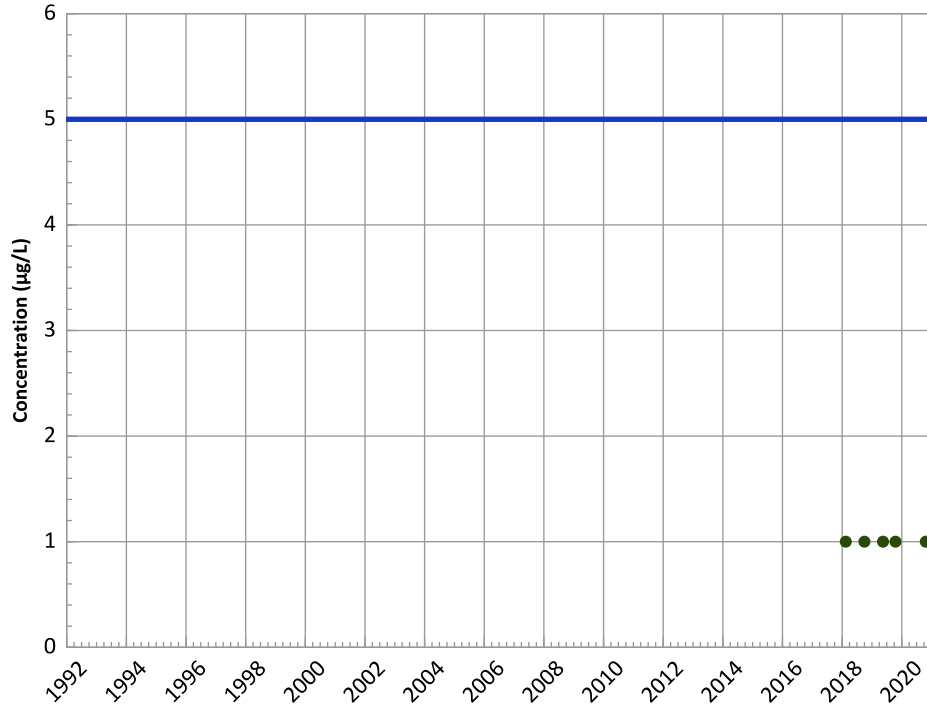
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

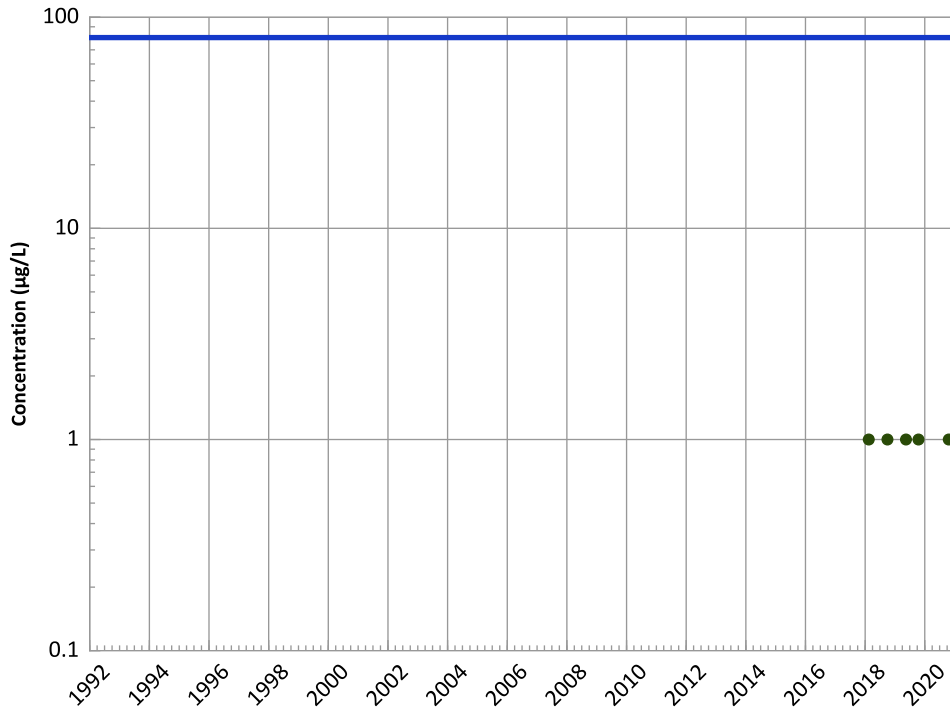
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

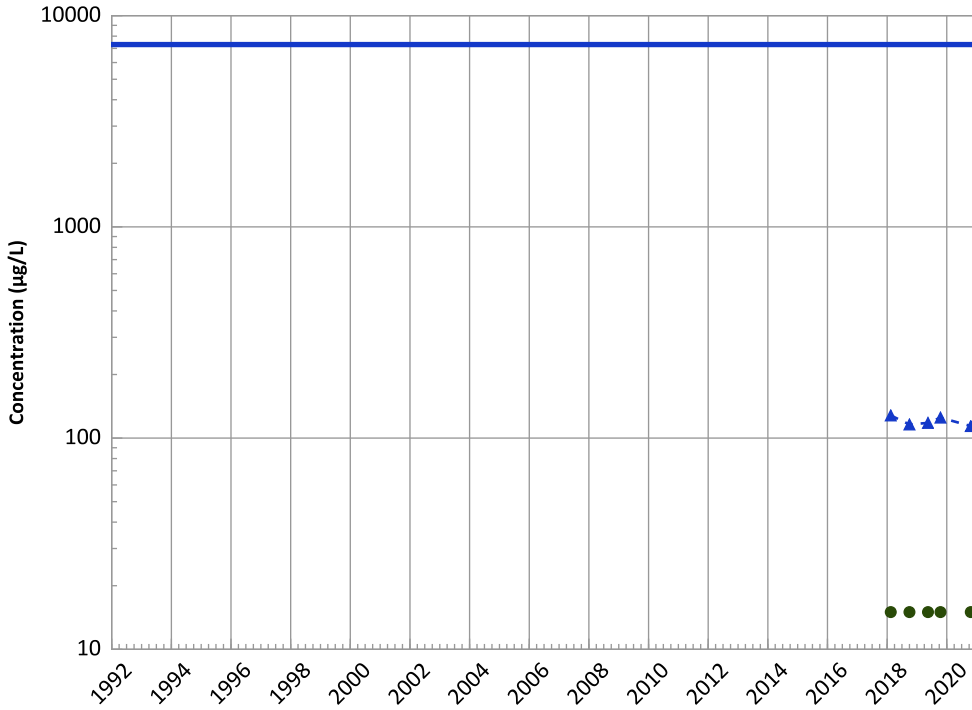
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

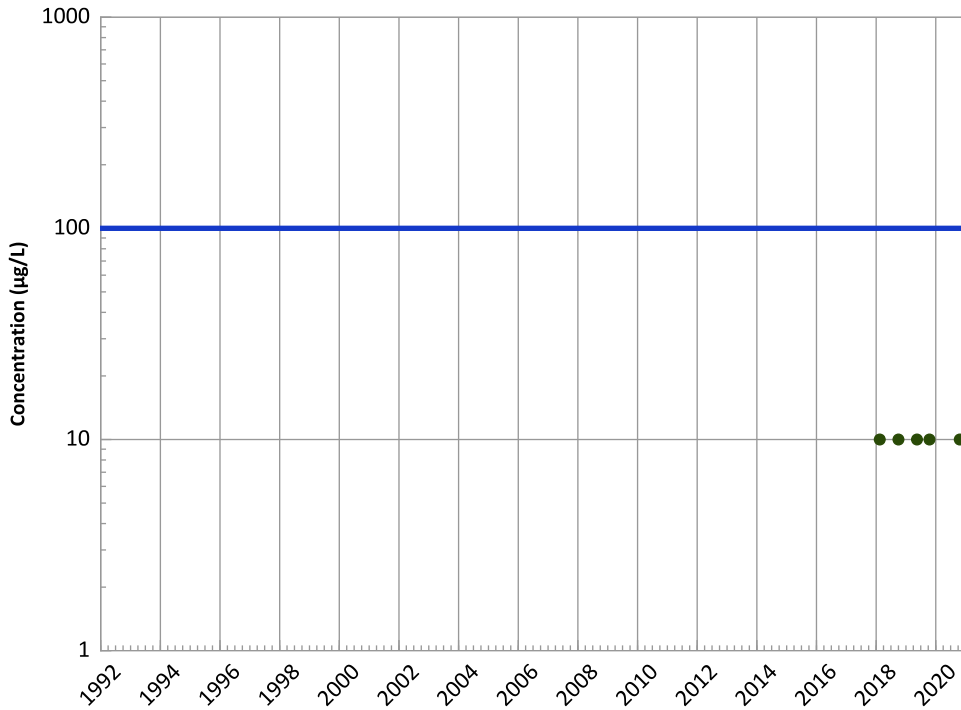


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Chromium, Total Trend



Concentration Trend

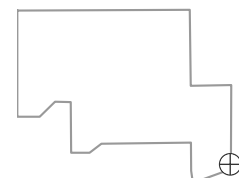
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

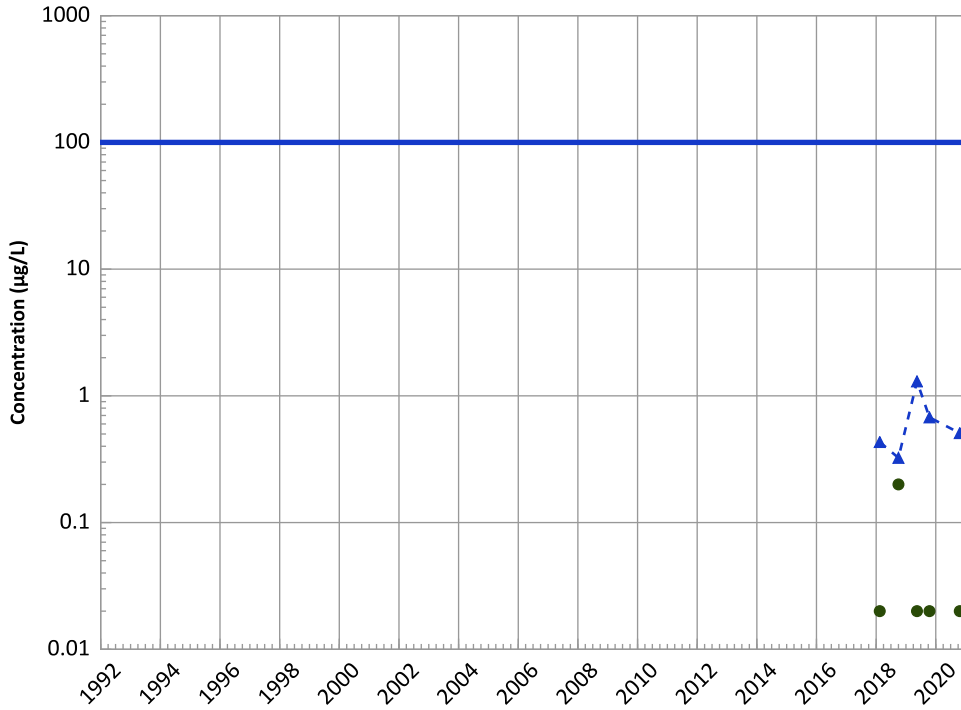
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chromium, Hexavalent Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

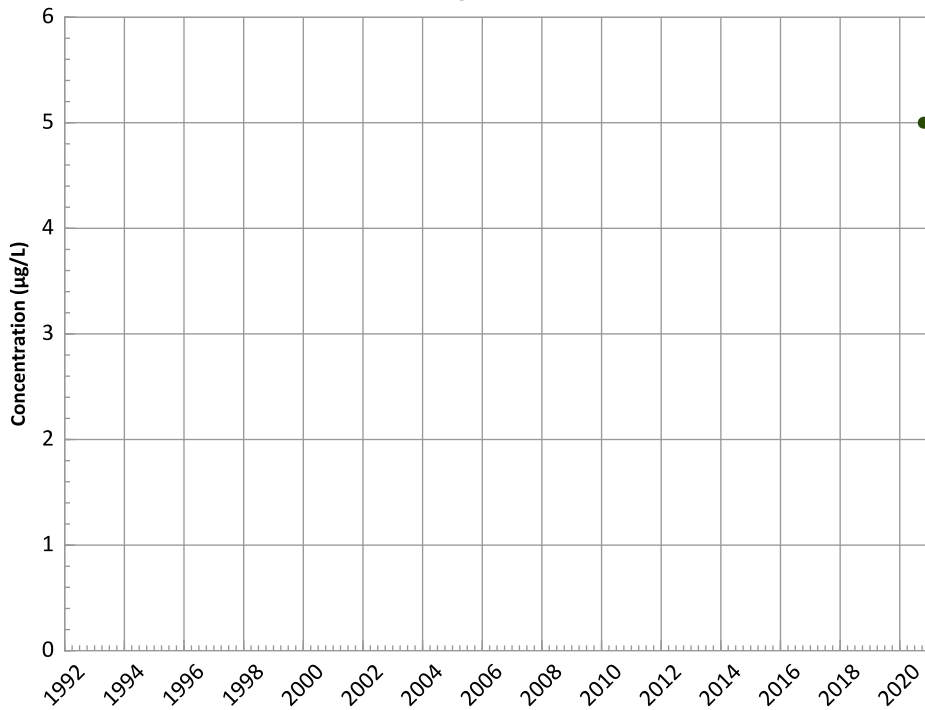
2018 - 2020 Data:

No Trend

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

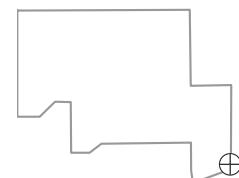
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

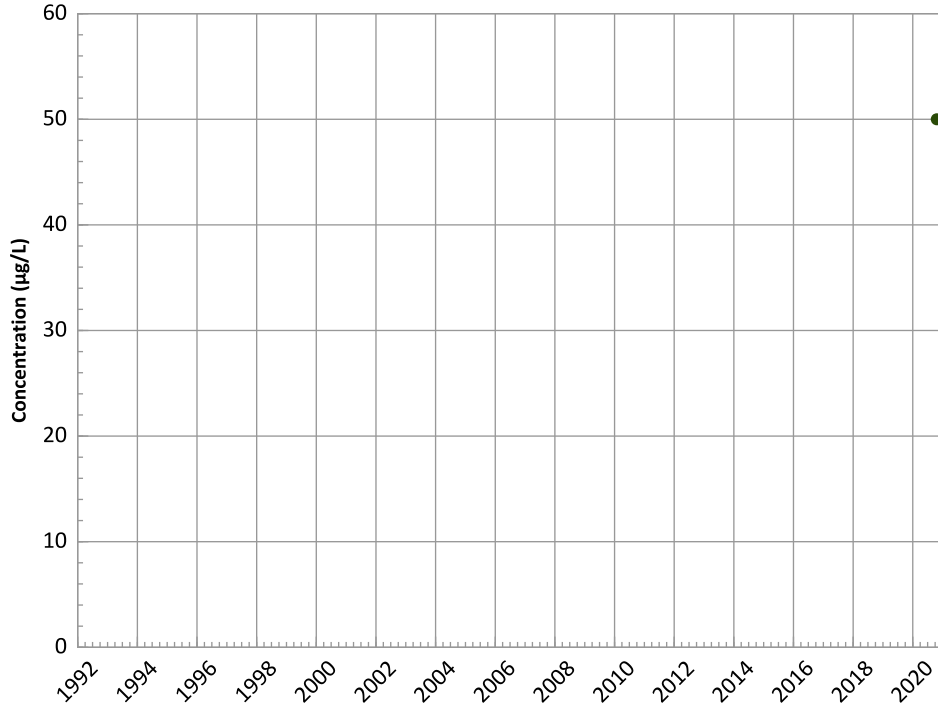


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

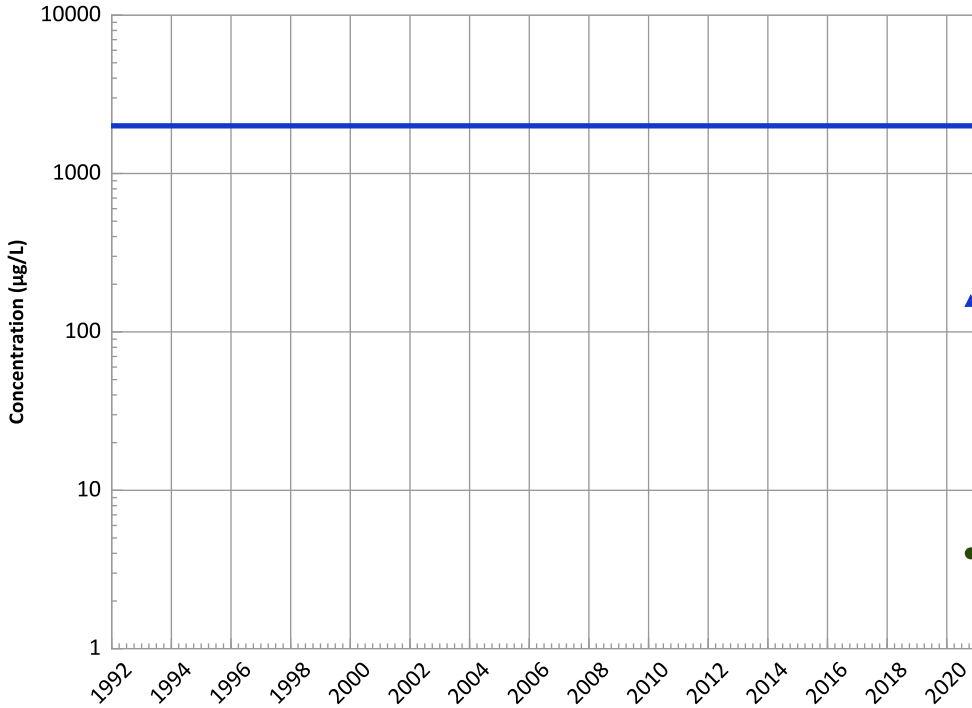
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

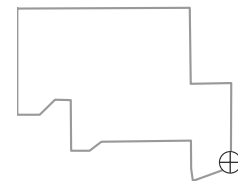
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

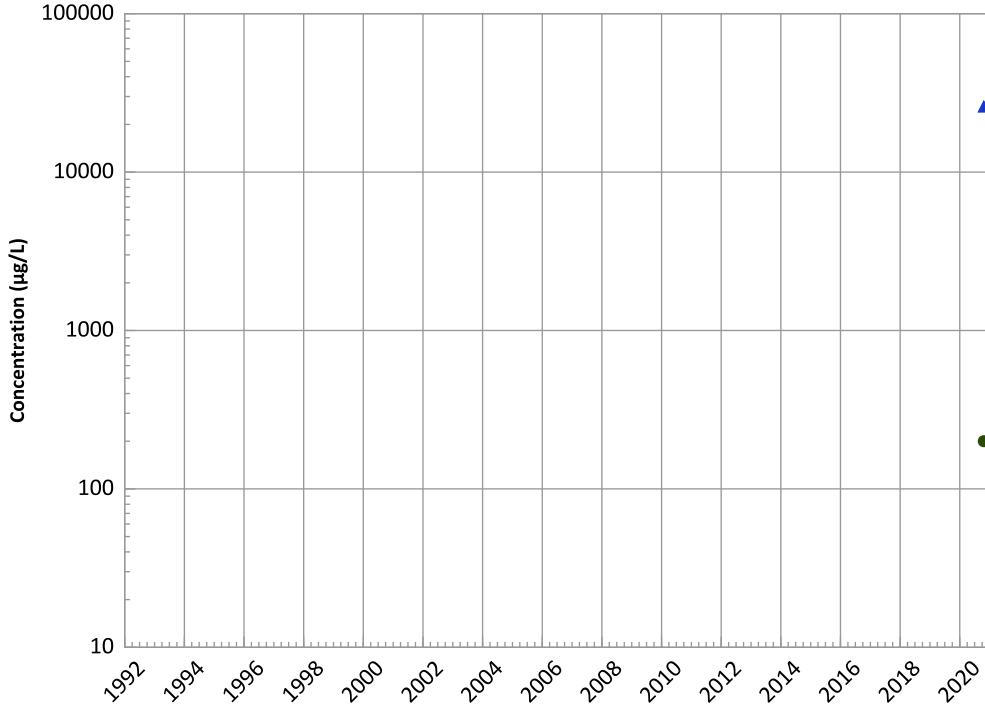


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

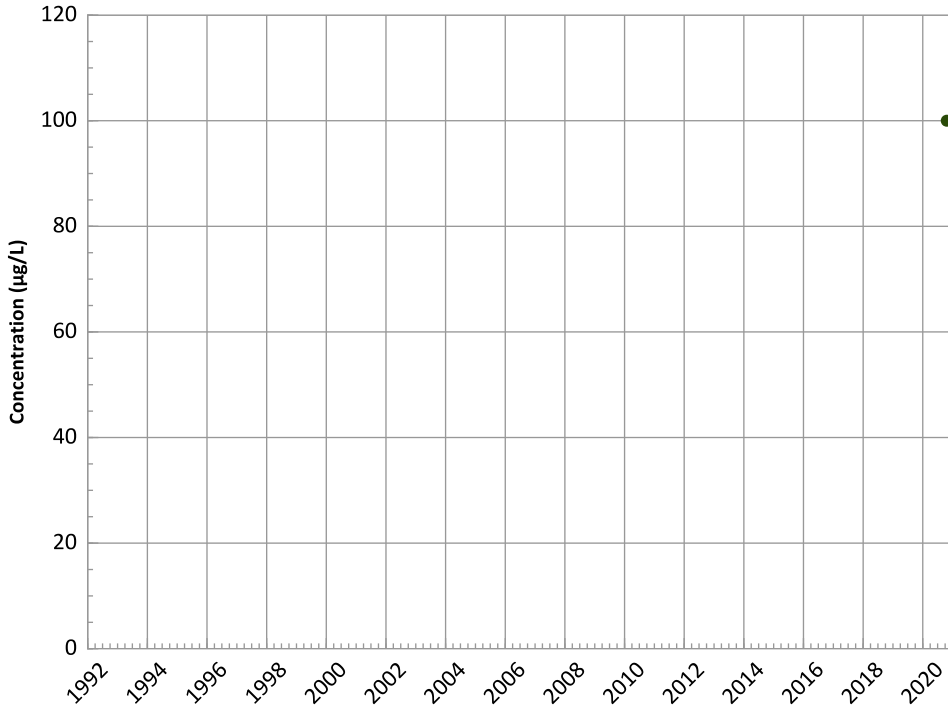


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Iron Trend

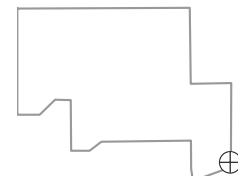


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

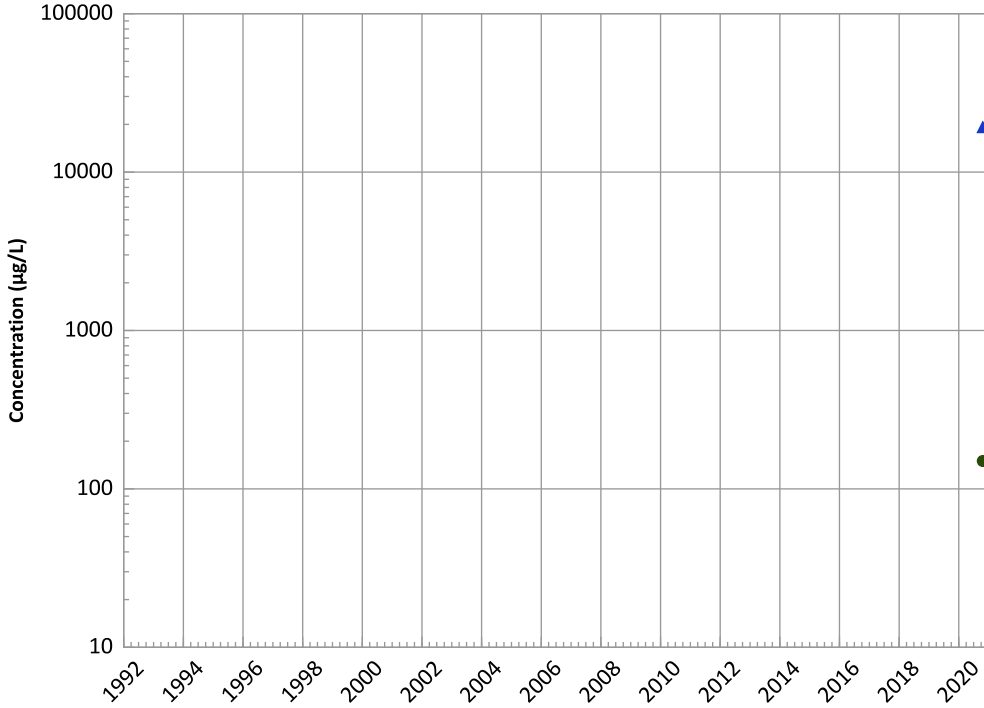


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

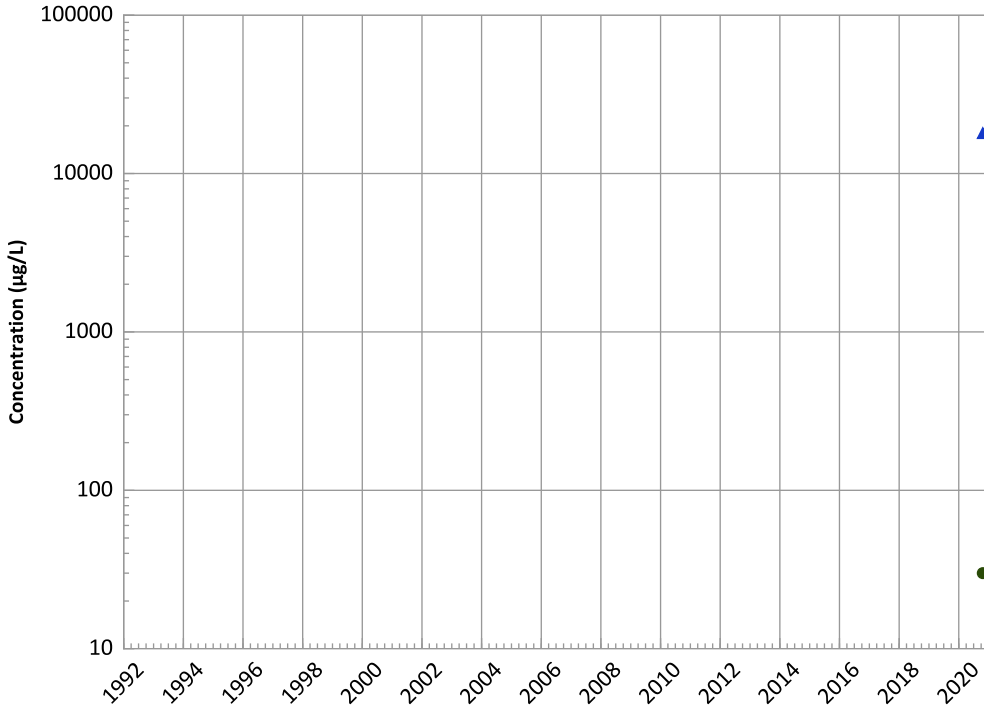


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Magnesium Trend

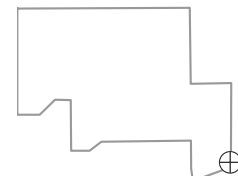


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

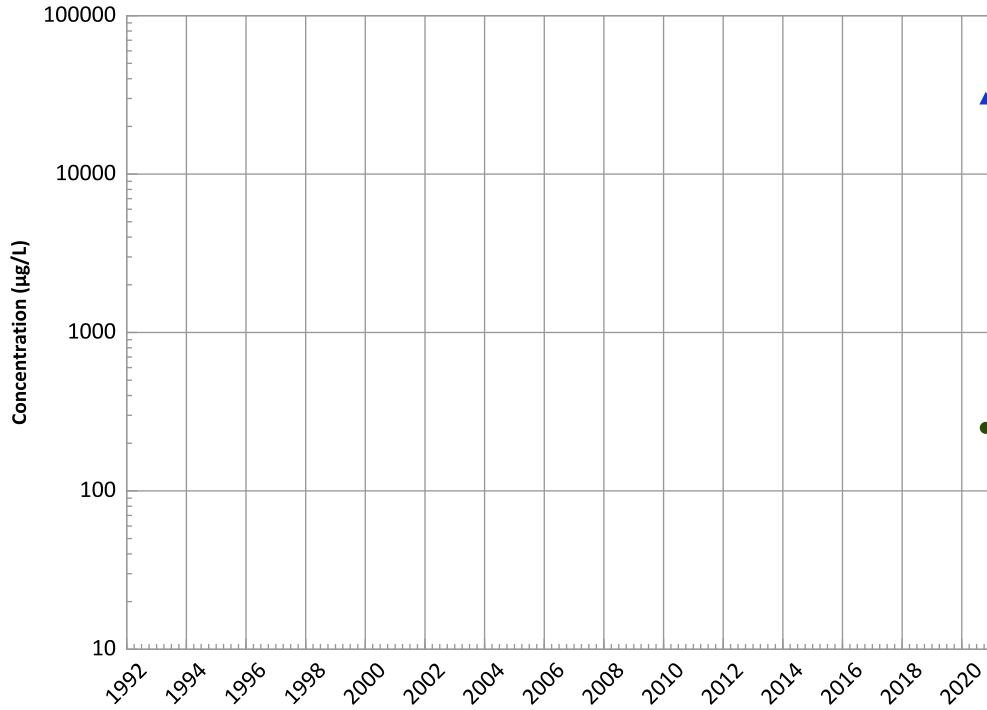
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant
Sodium Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

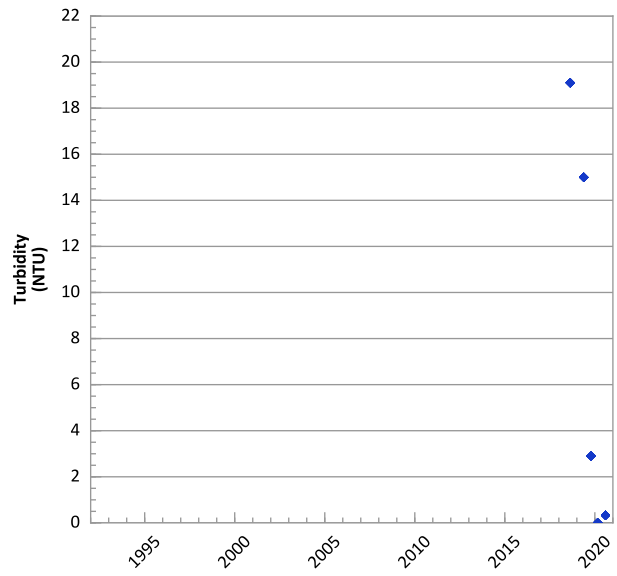
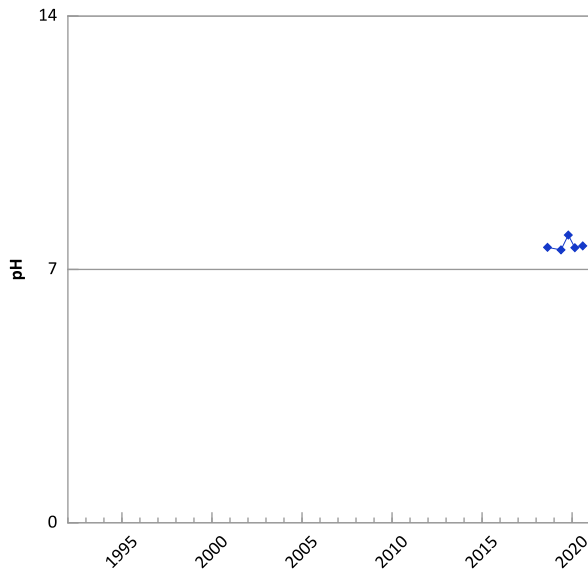
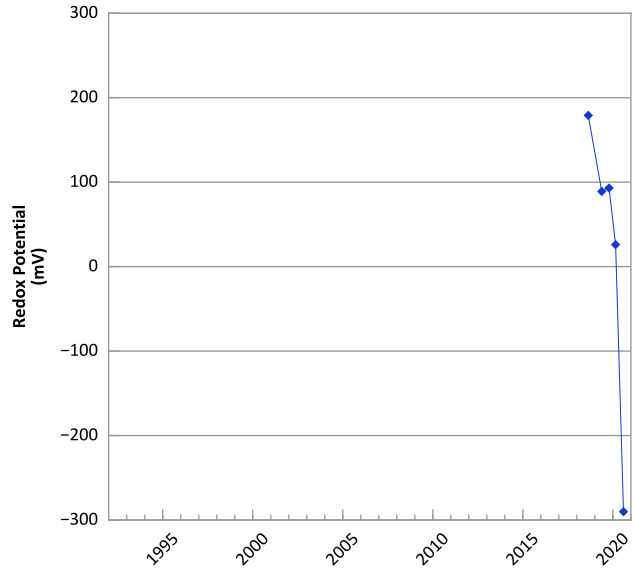
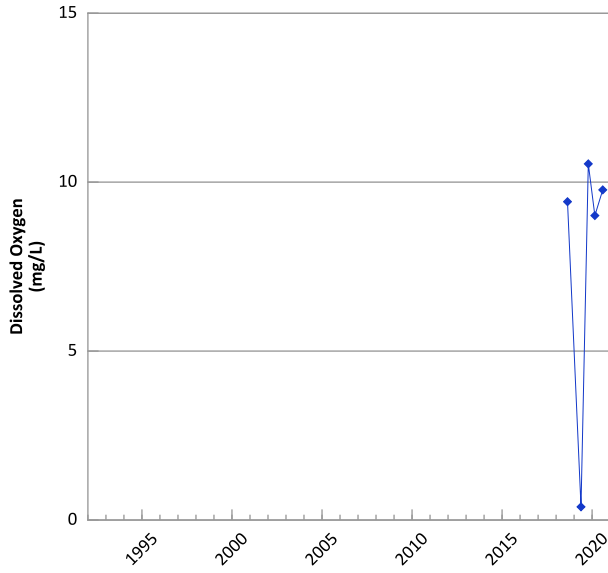
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/14/2018 to 10/21/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

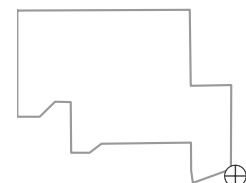


**PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



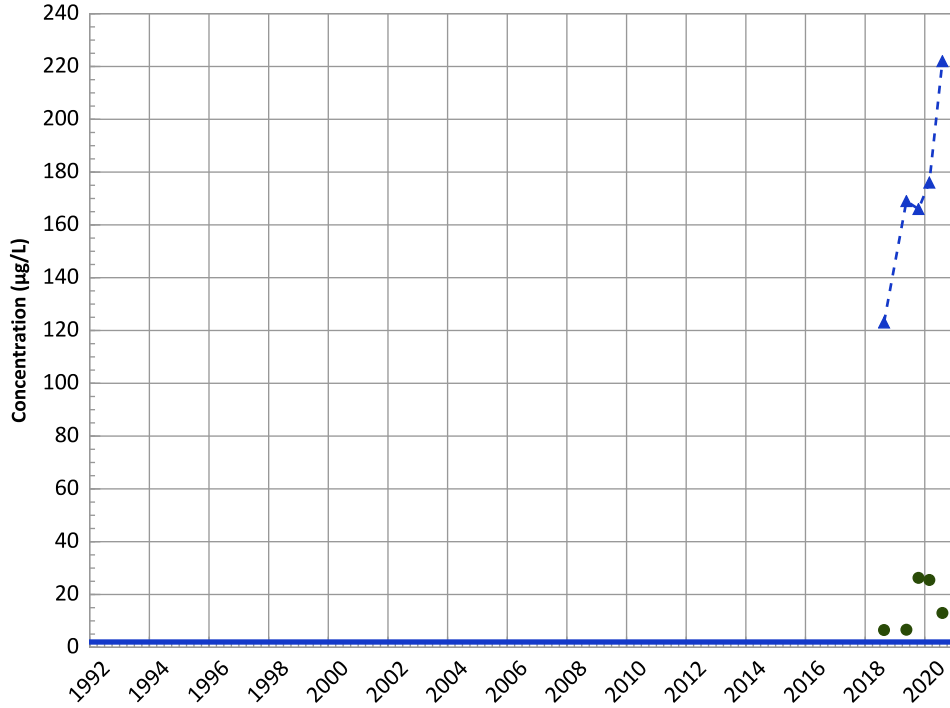
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/20/2018 to 08/04/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

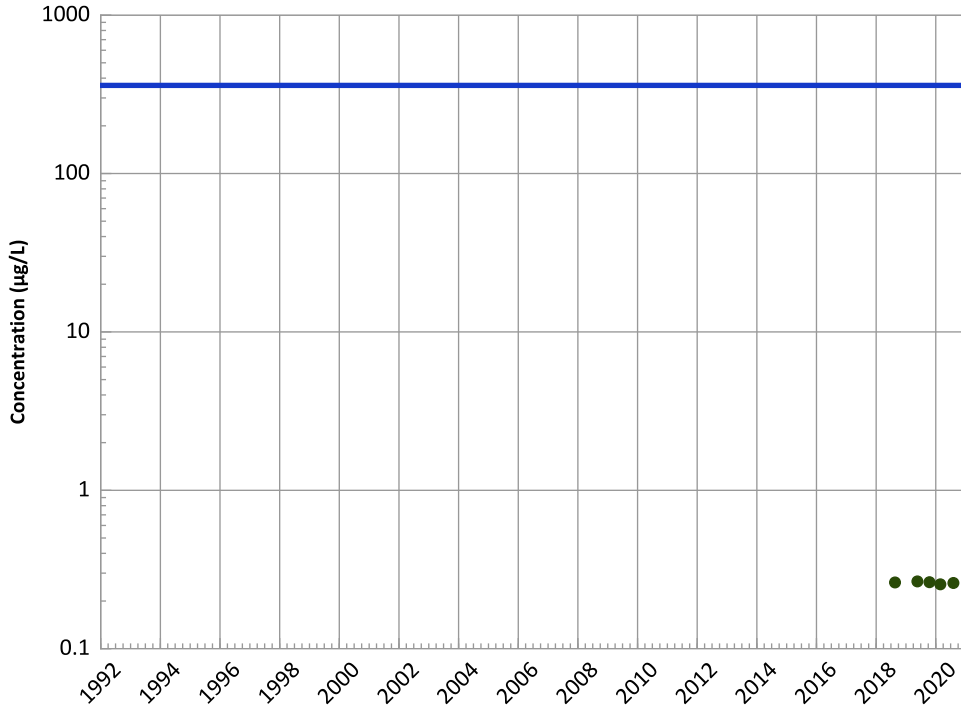
2018 - 2020 Data:

No Trend

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

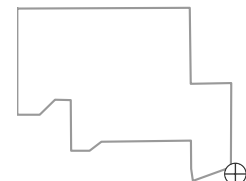
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

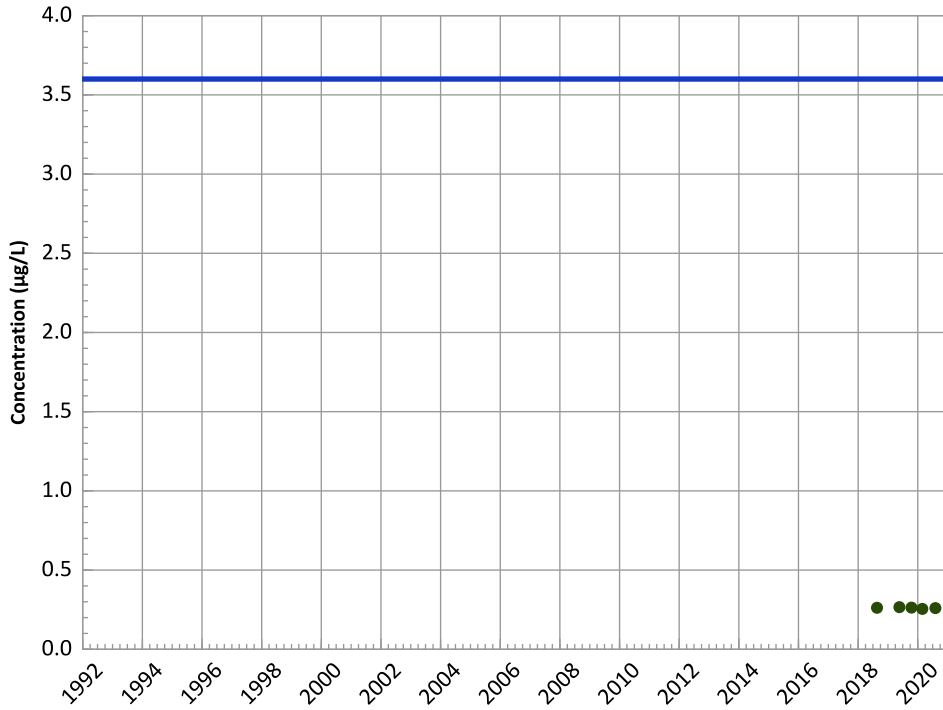
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

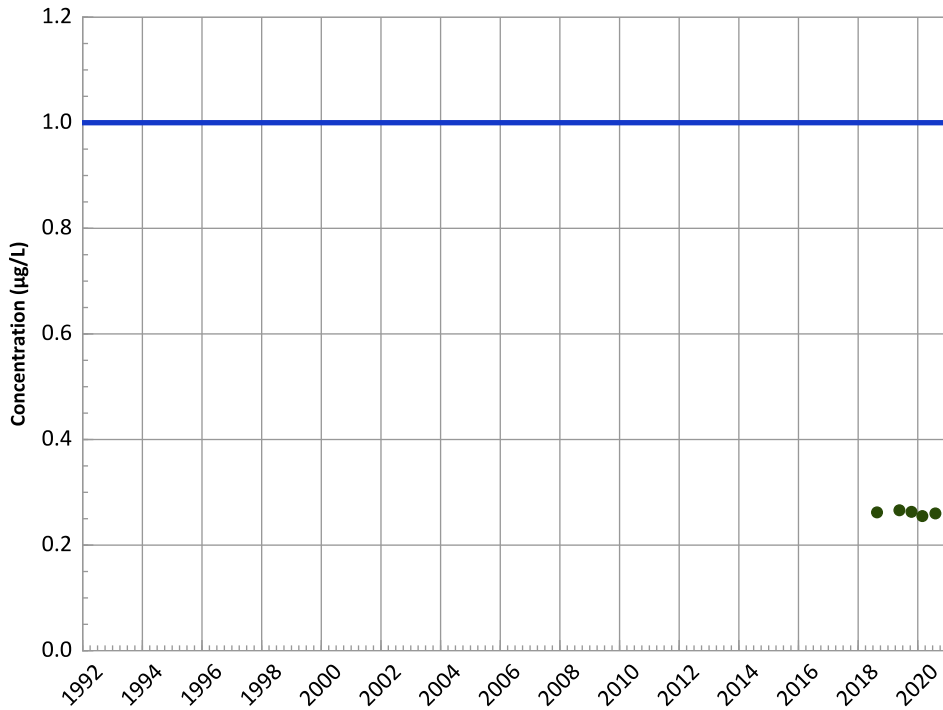
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

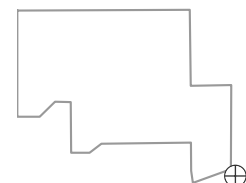
All Data:

All Non-Detect

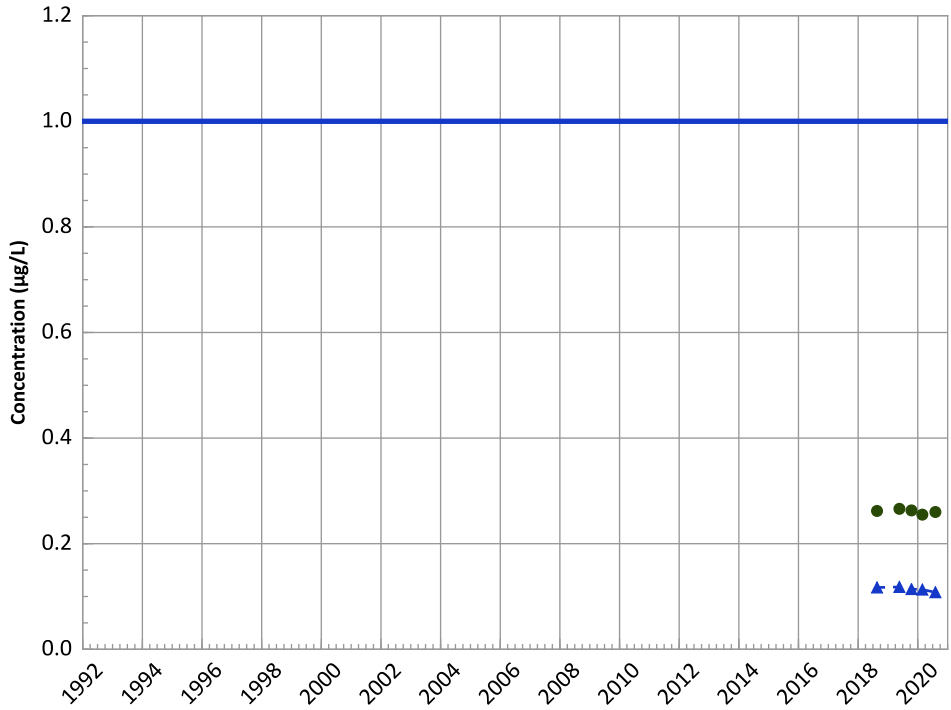
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**

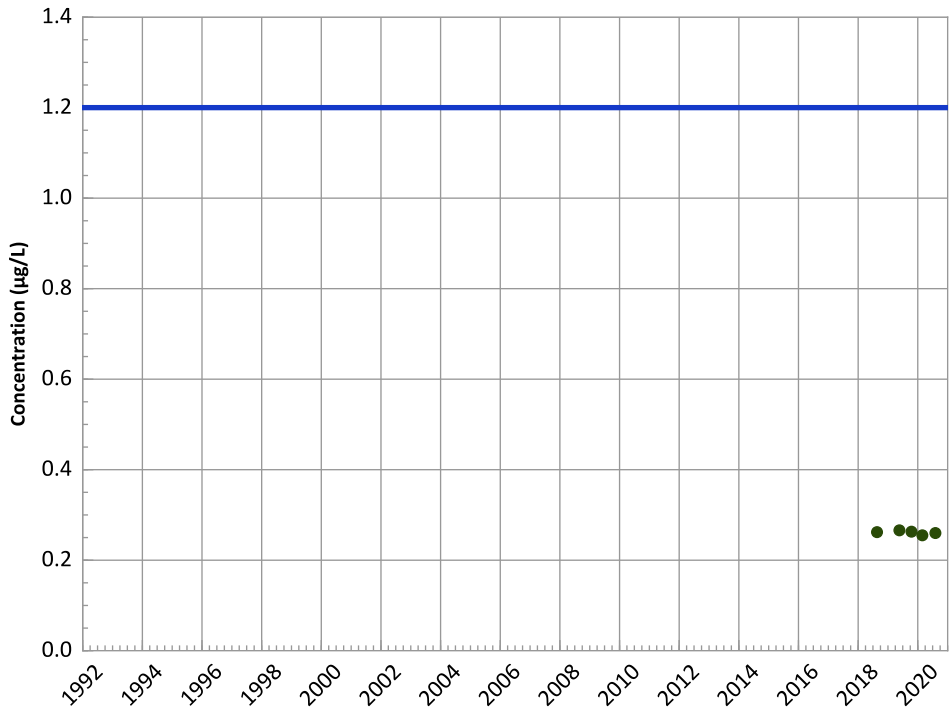


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend

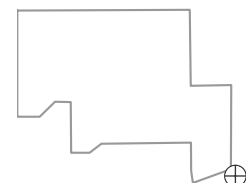


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

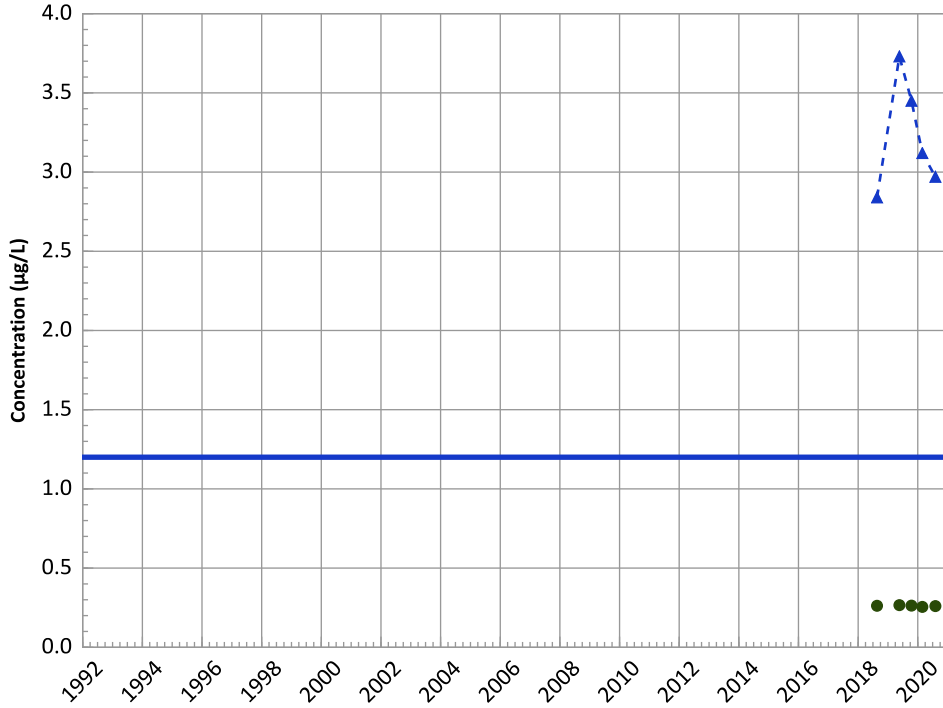


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

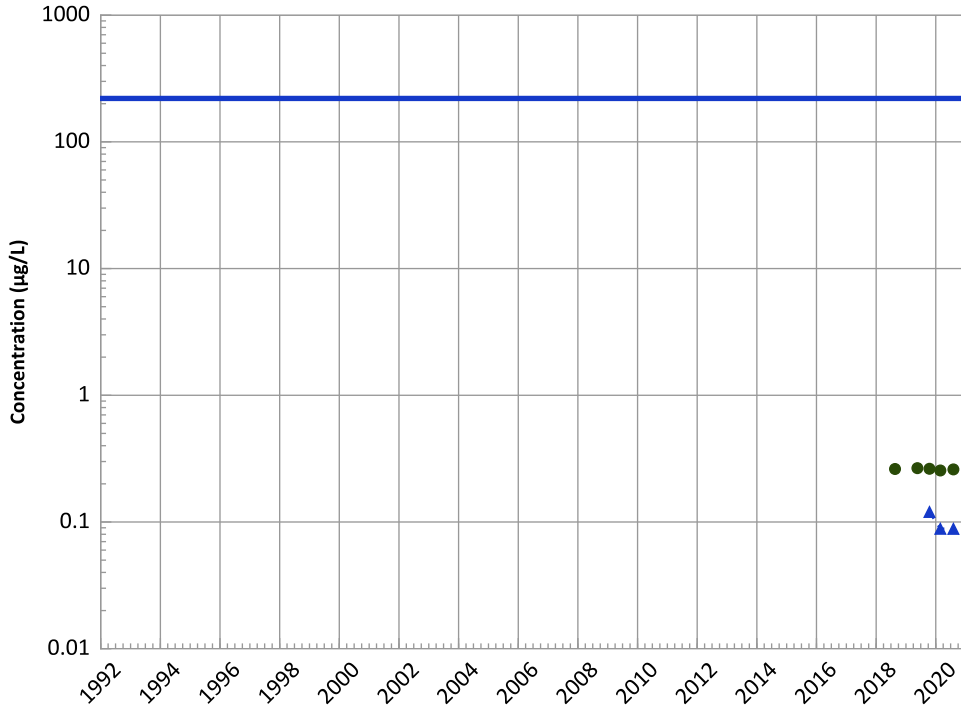
2018 - 2020 Data:

Decreasing

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

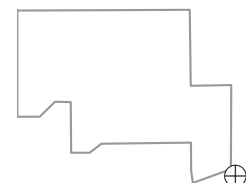
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

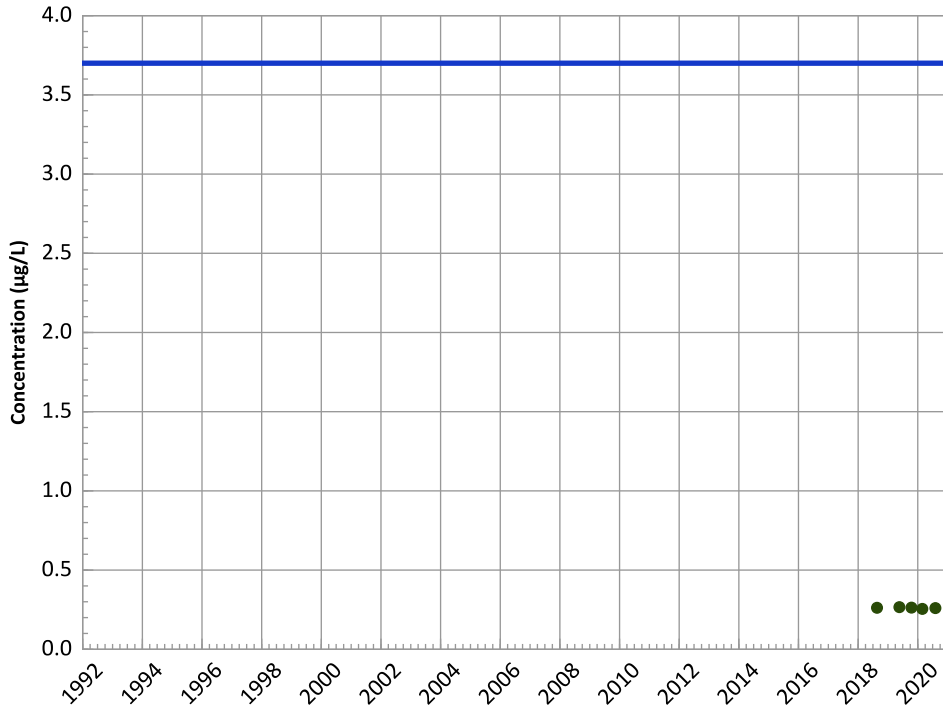


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

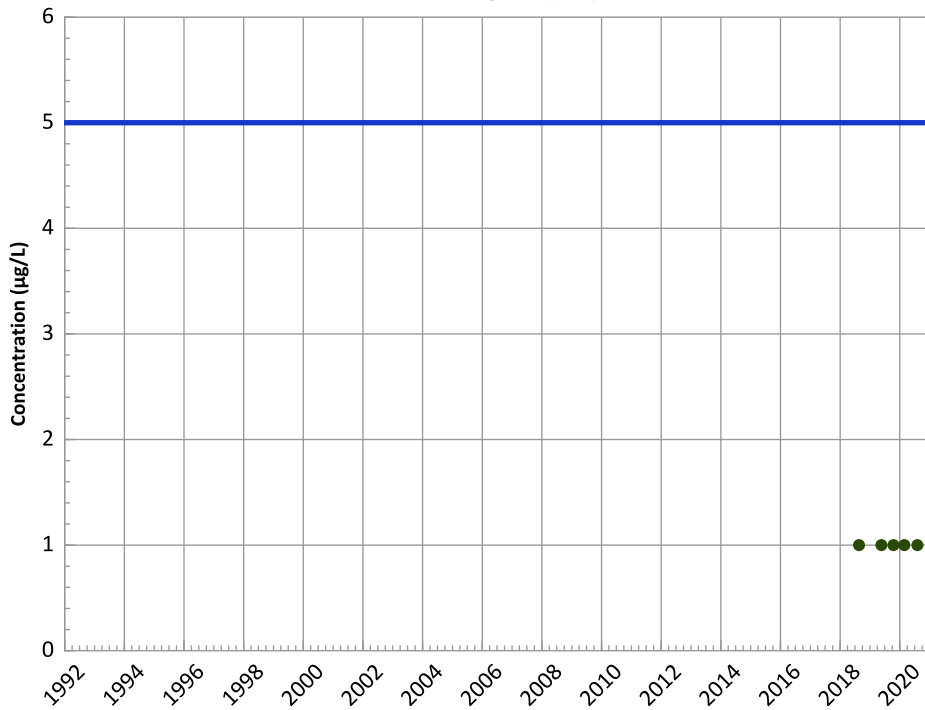
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

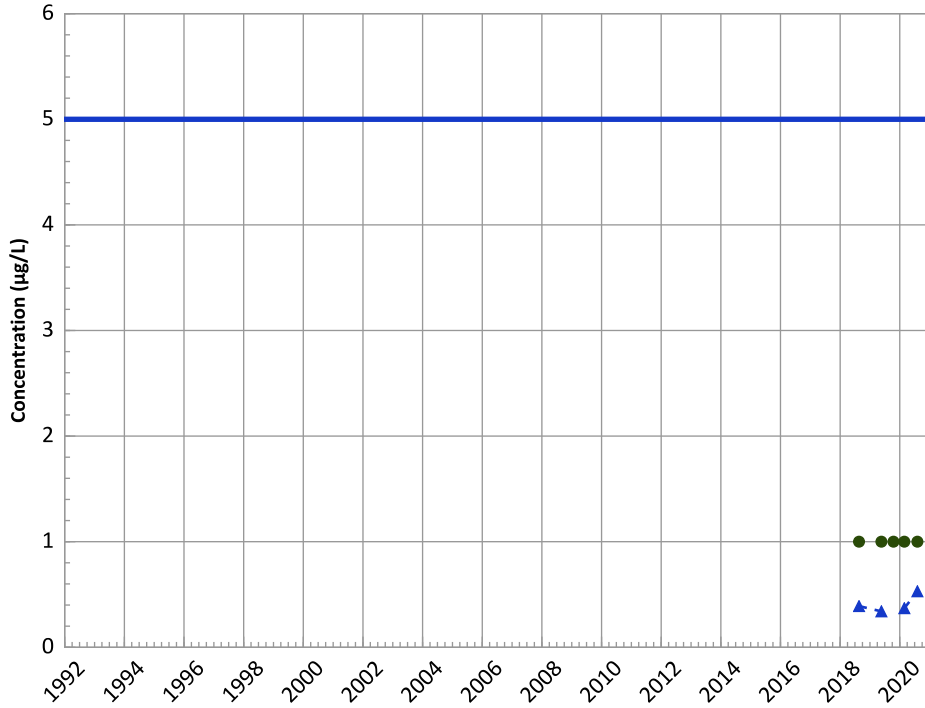
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

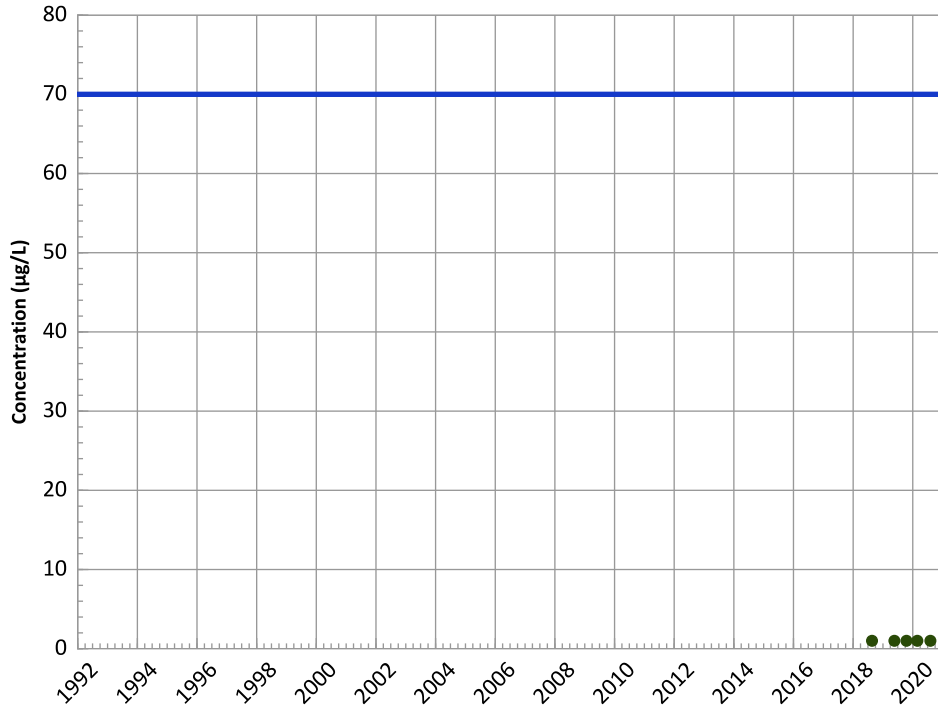


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

cis-1,2-Dichloroethene Trend

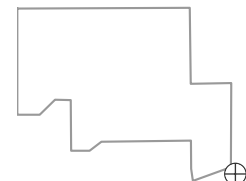


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

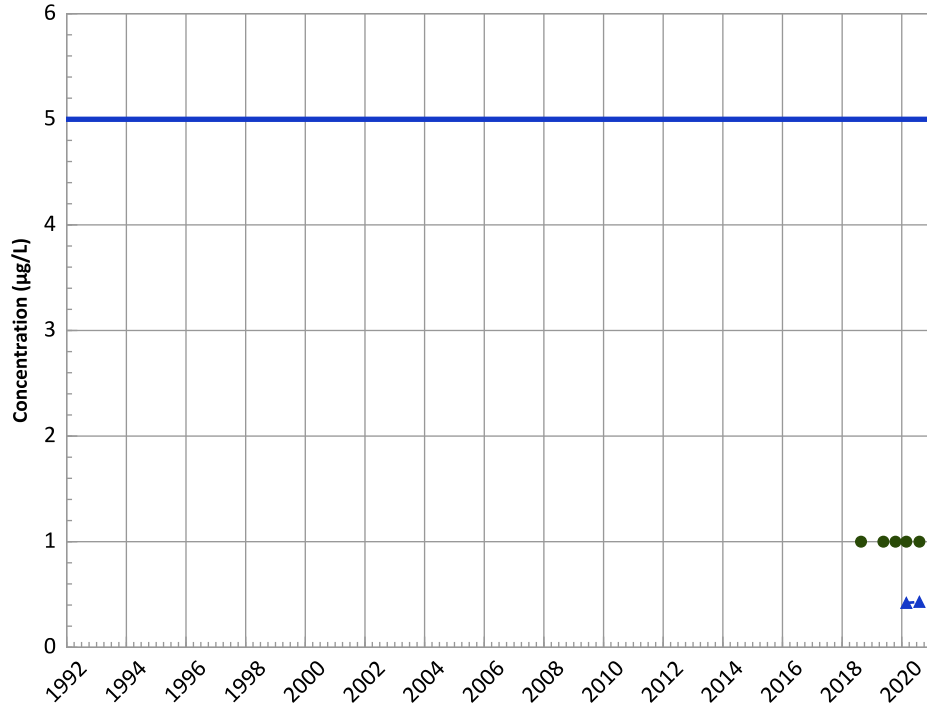
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

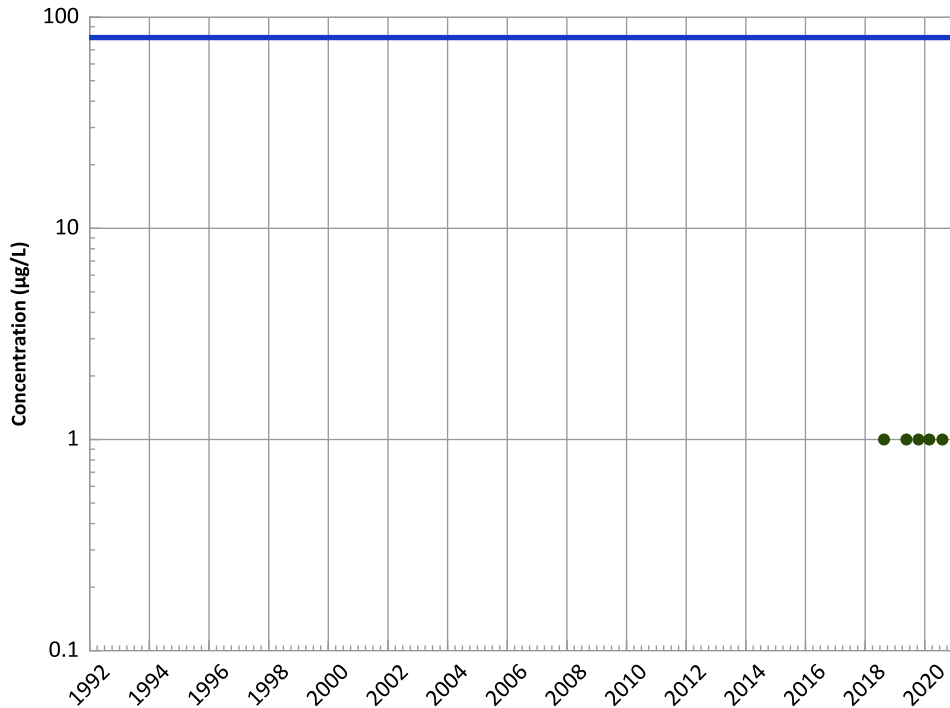


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

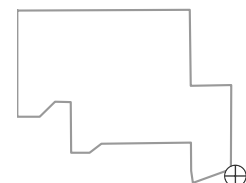


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

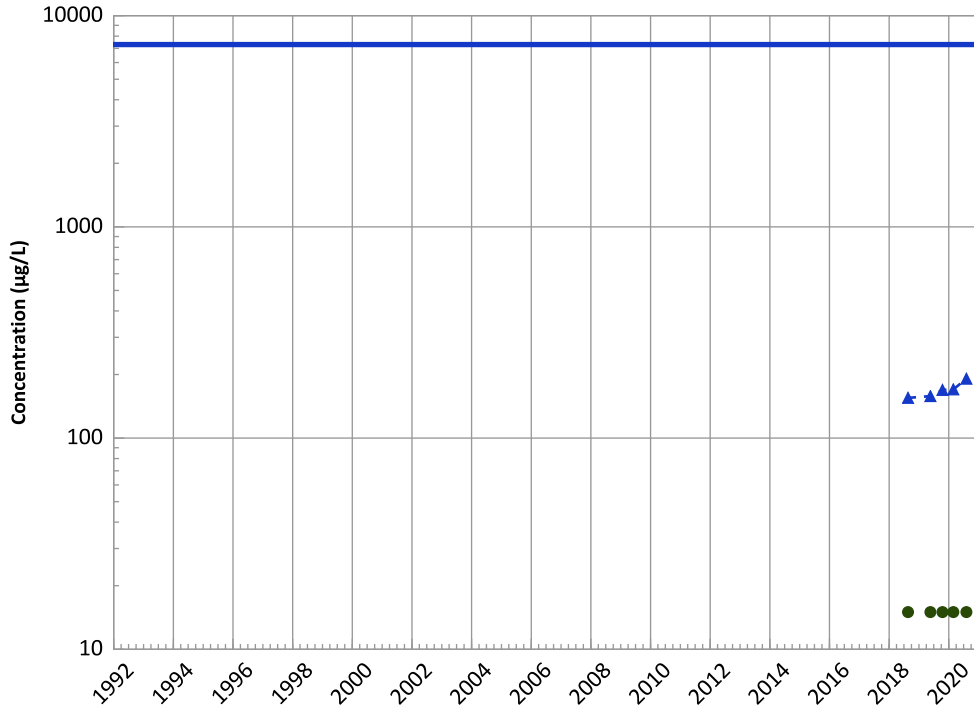
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

Increasing

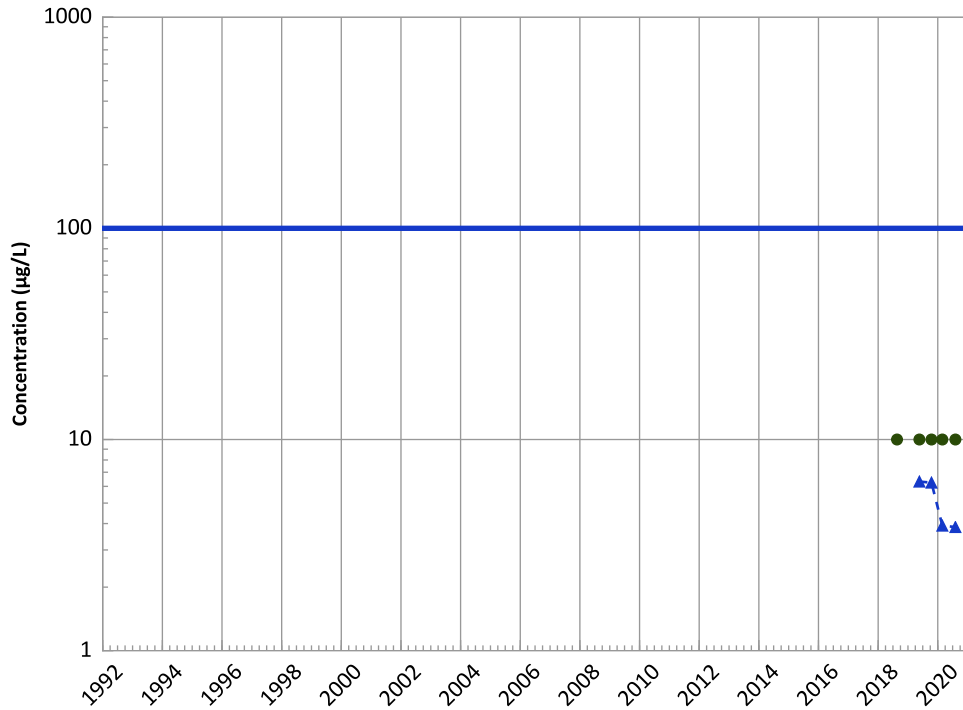
MAROS Linear Regression Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Decreasing

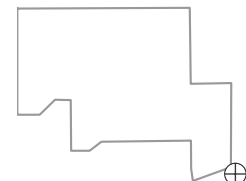
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Probably Decreasing

Probably Decreasing

Well Location

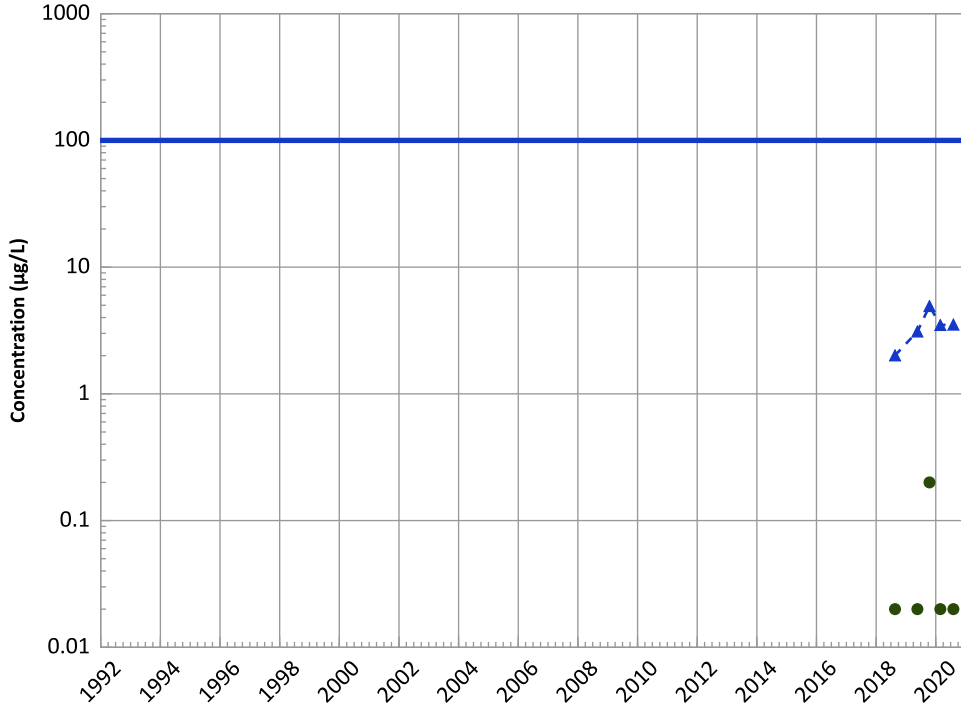


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

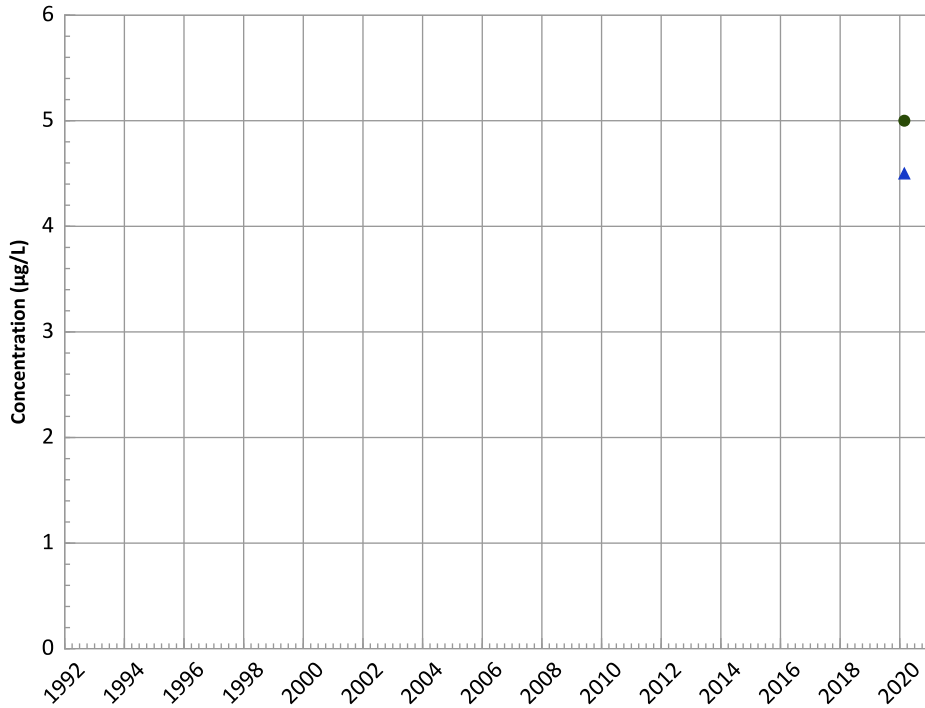
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

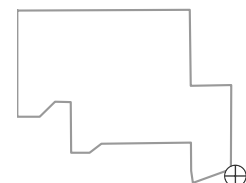
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

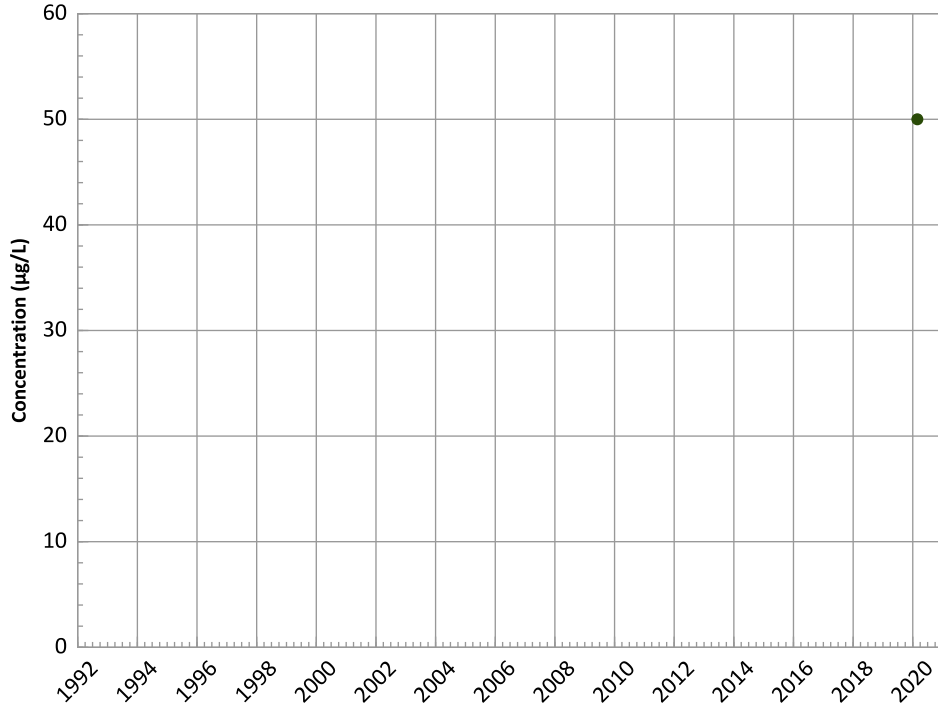


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

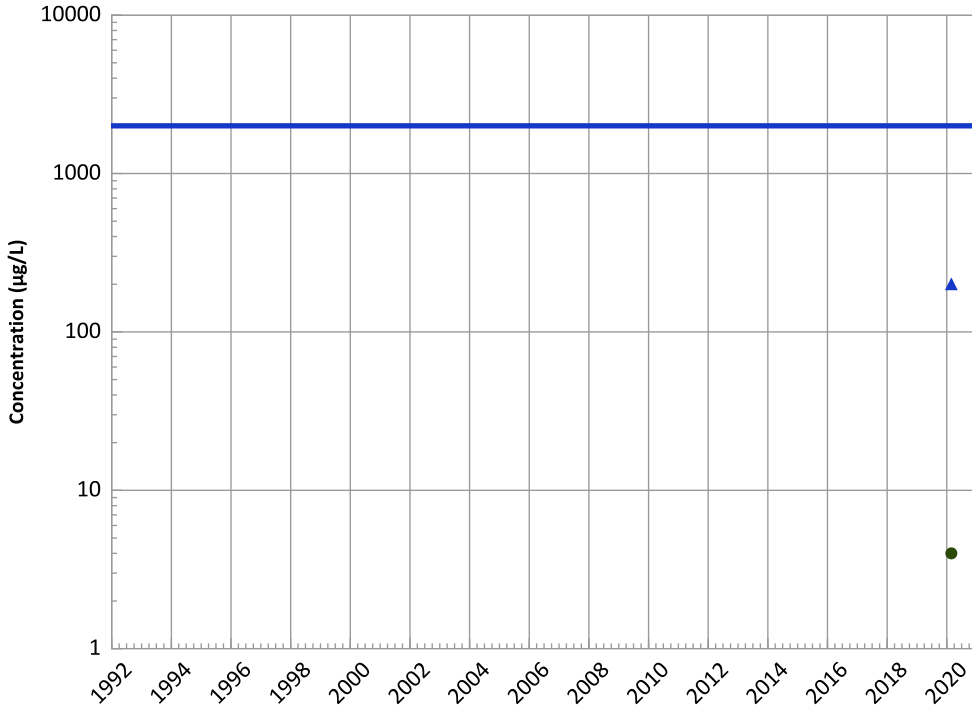


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend

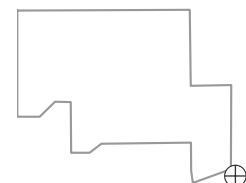


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

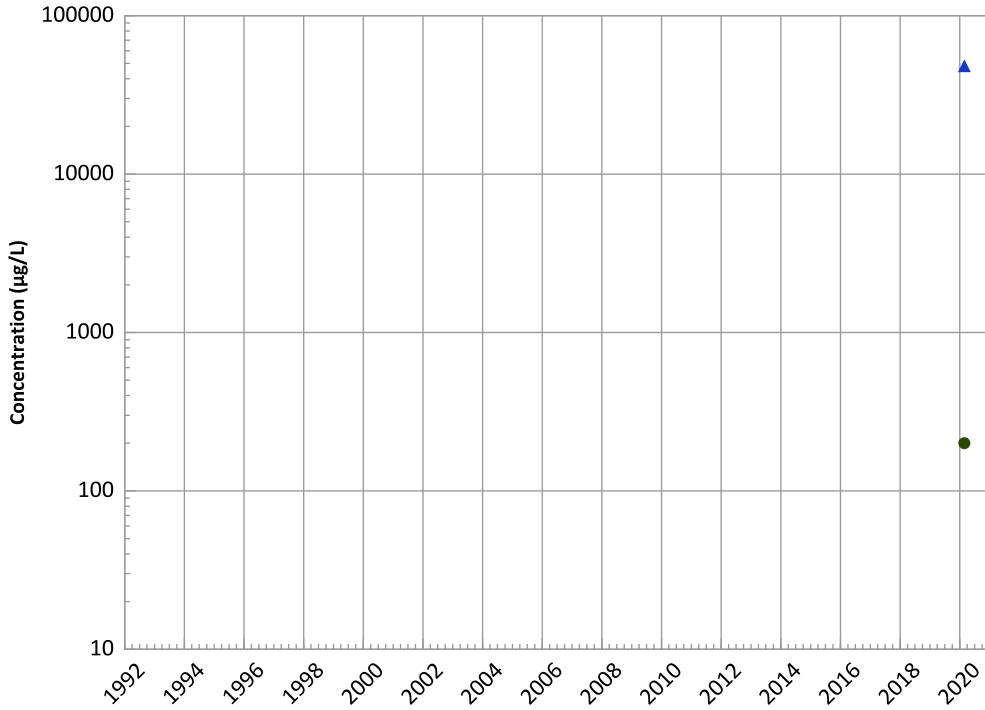


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

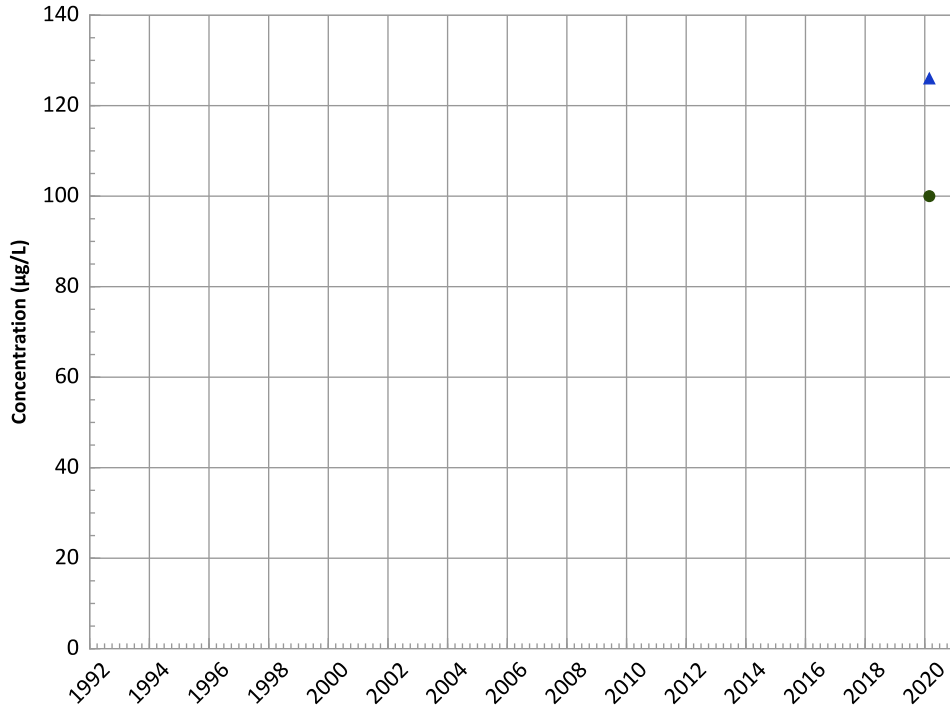
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 08/20/2018 to 08/04/2020

Analysis Date: 06/03/2021

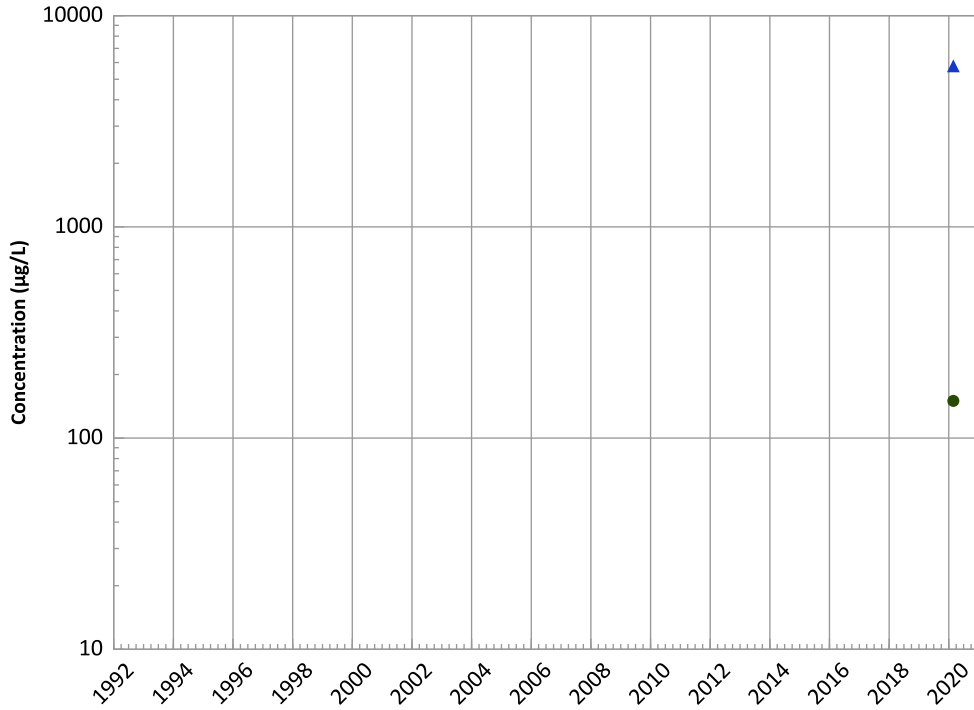
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

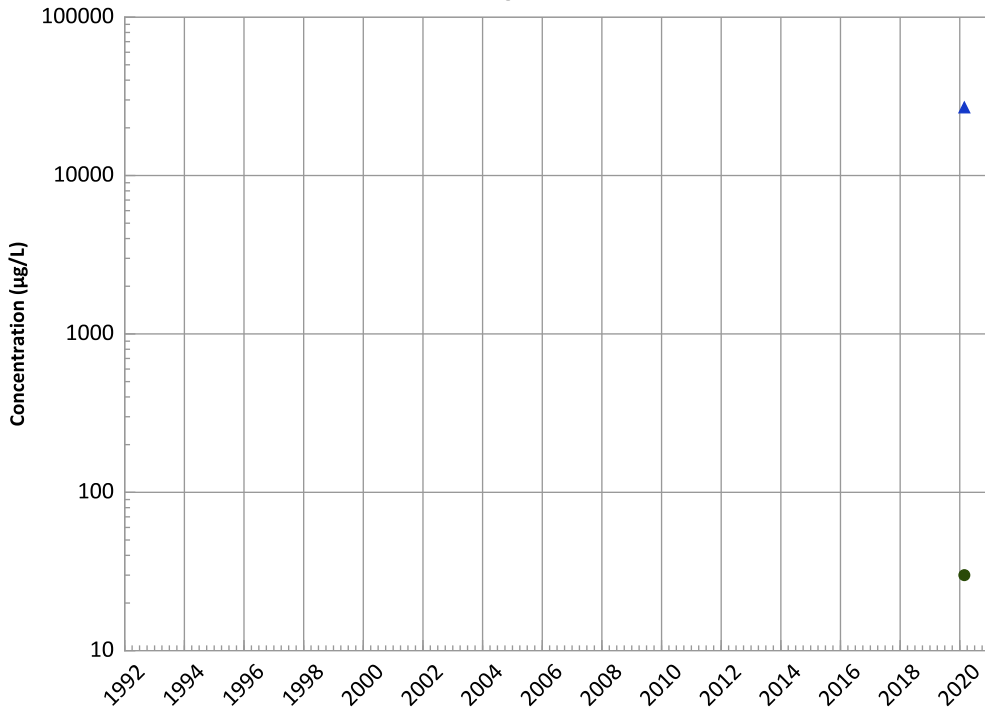
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

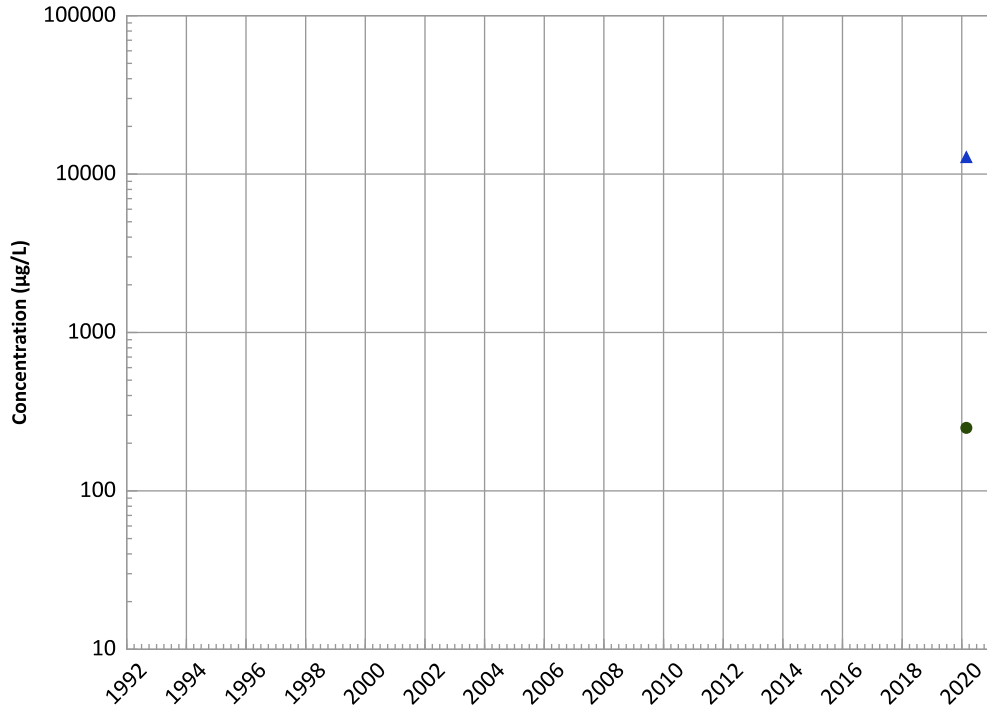
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

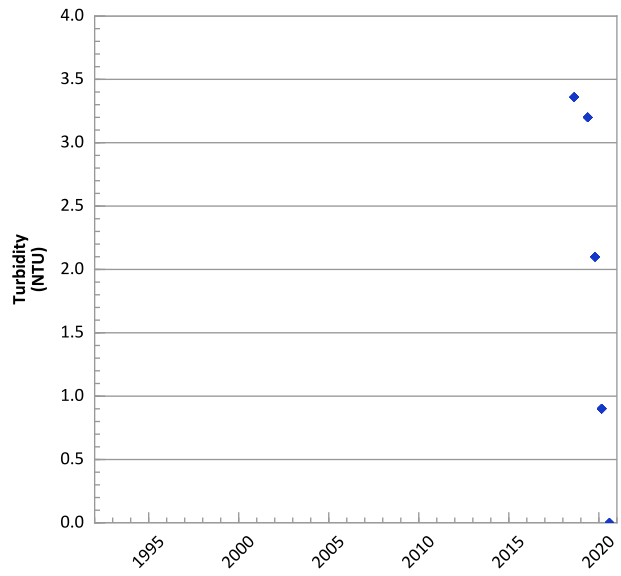
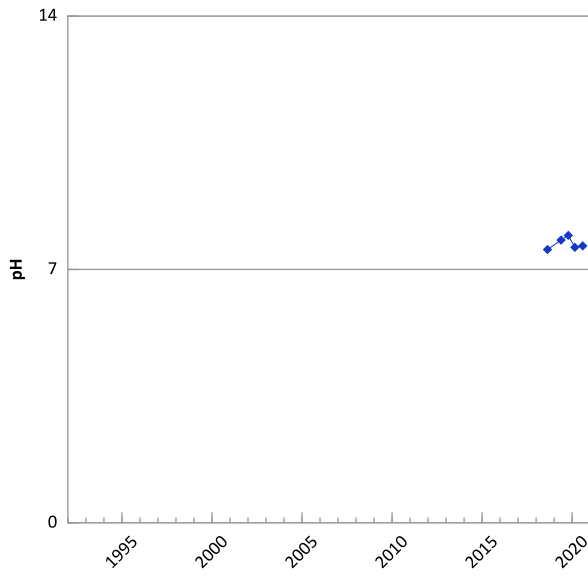
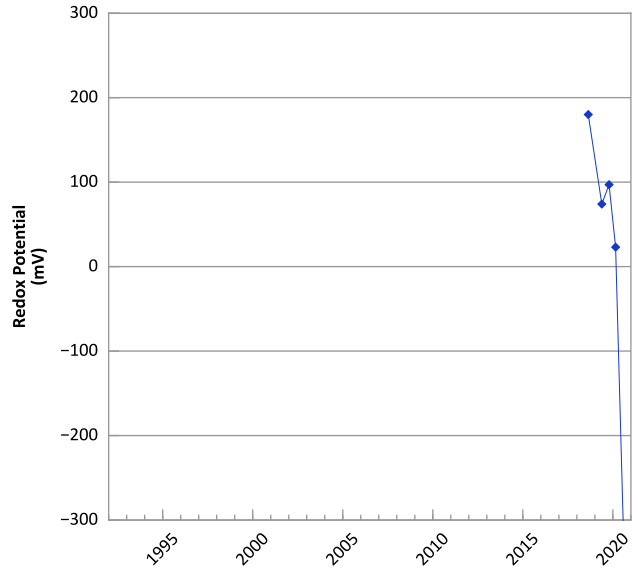
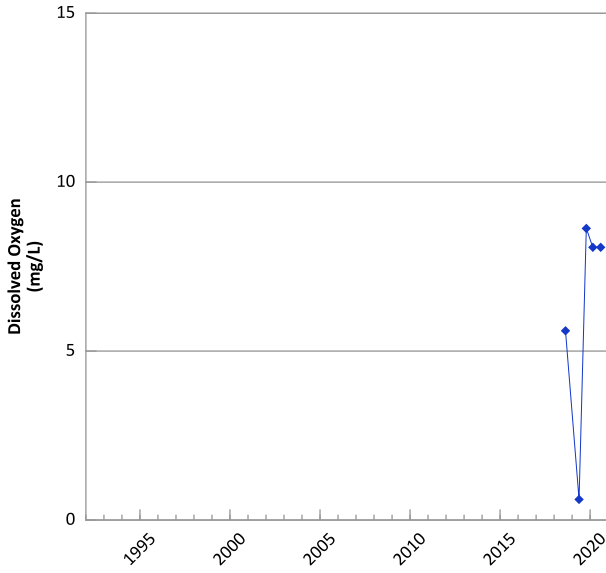
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/20/2018 to 08/04/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



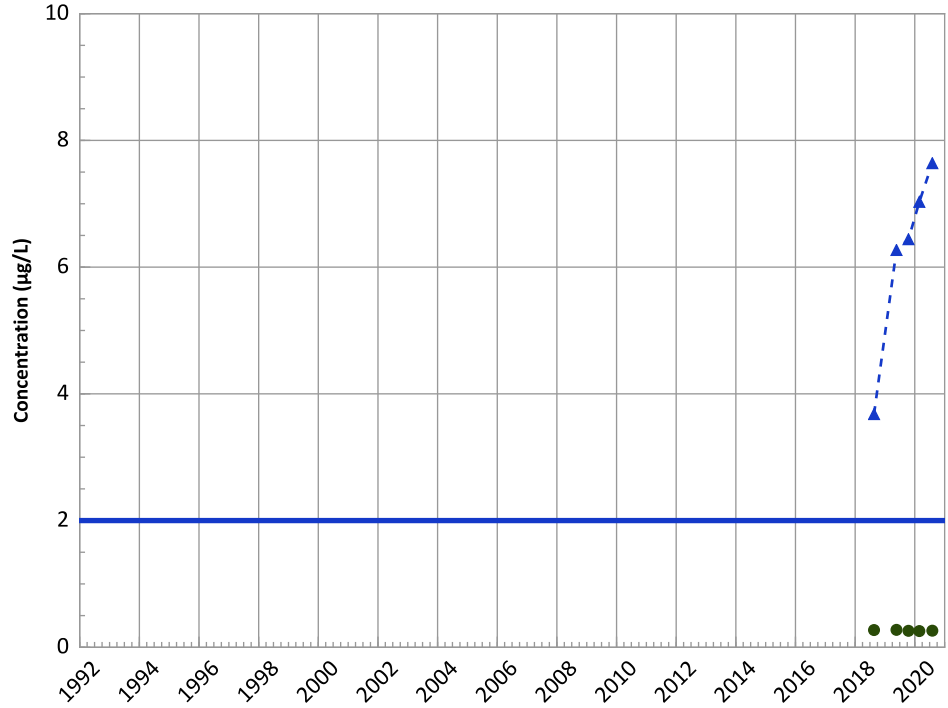
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/20/2018 to 08/03/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

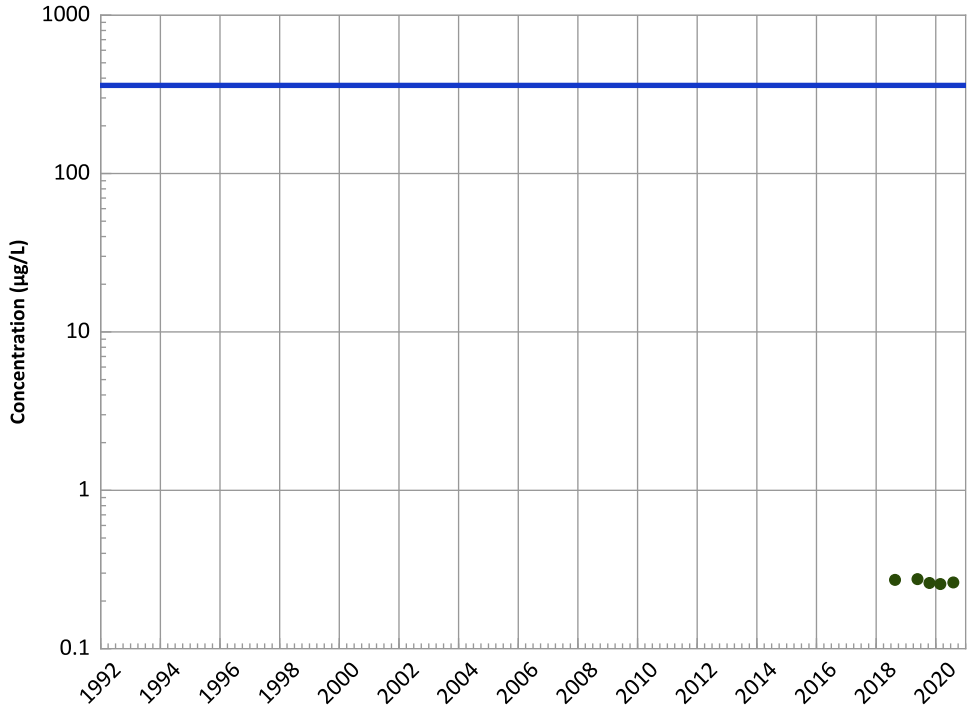
2018 - 2020 Data:

Increasing

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

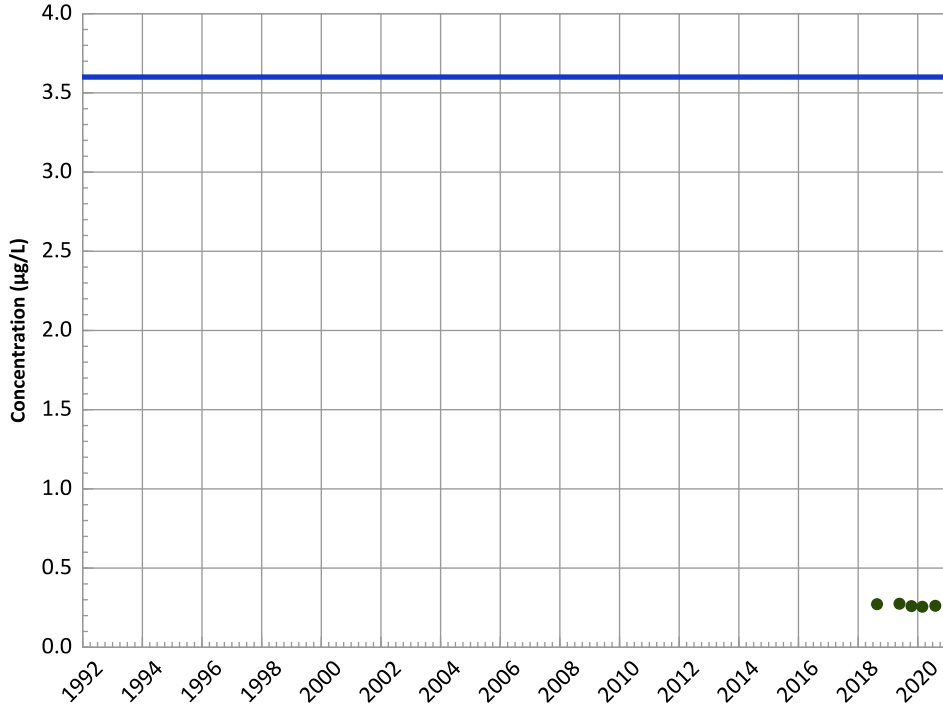
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

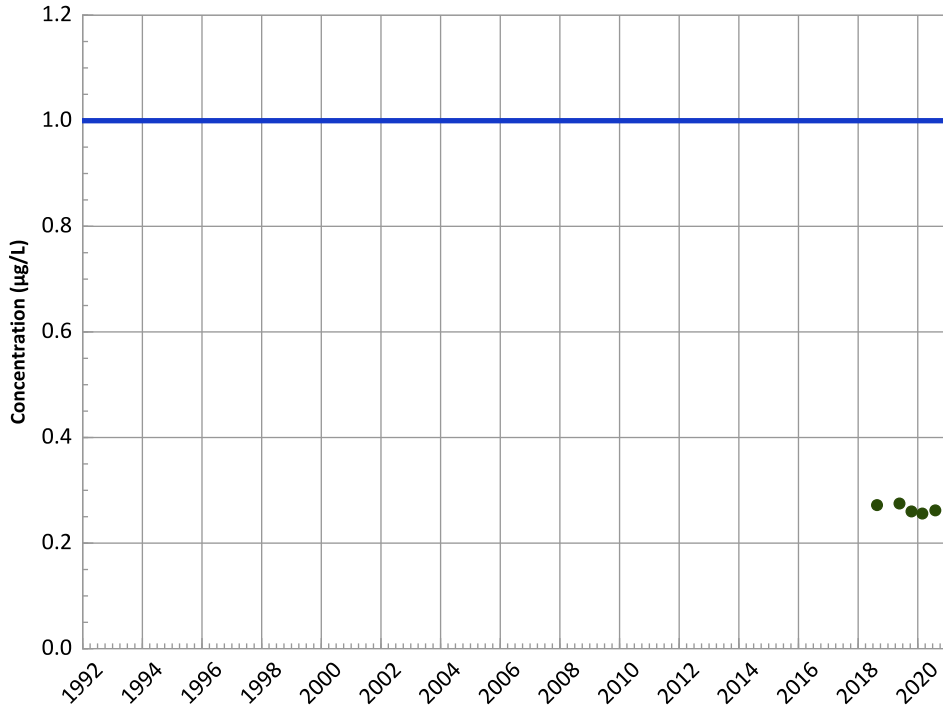
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

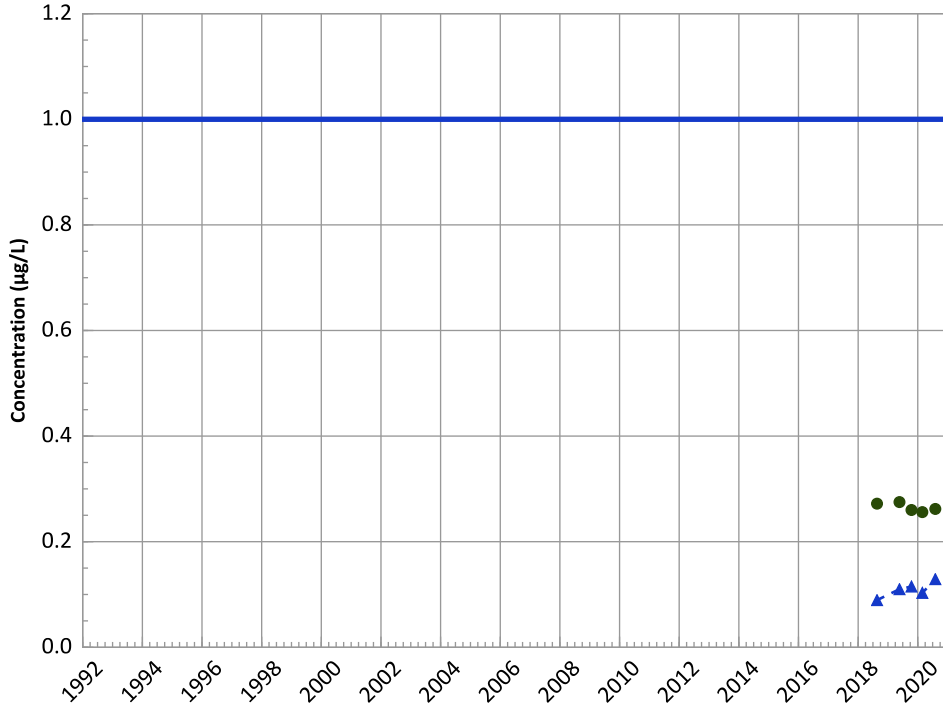
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ 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**

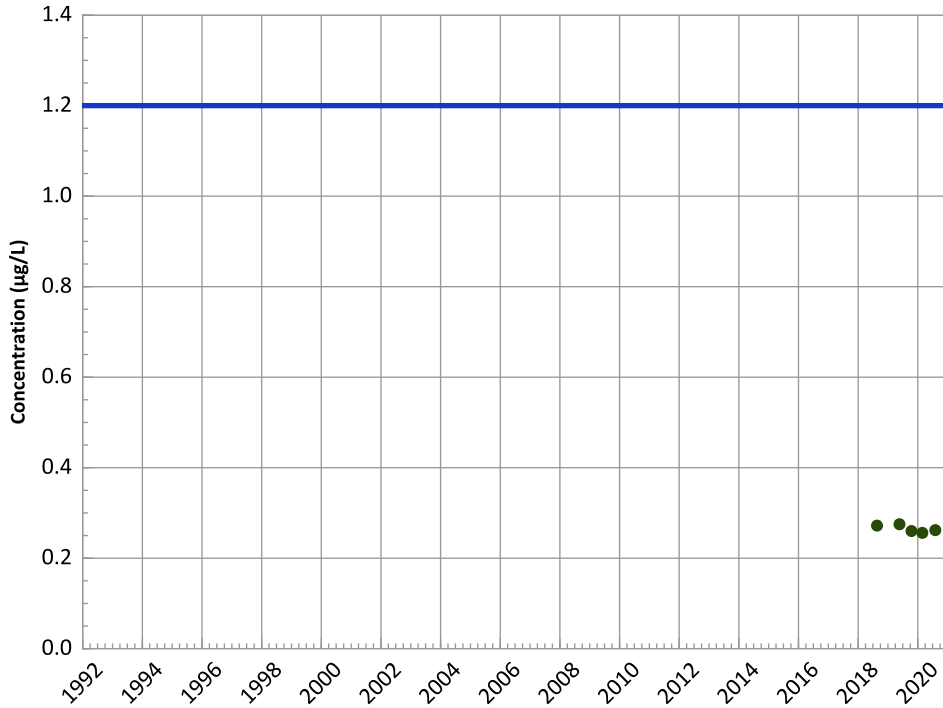


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend

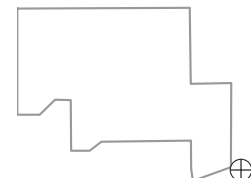


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

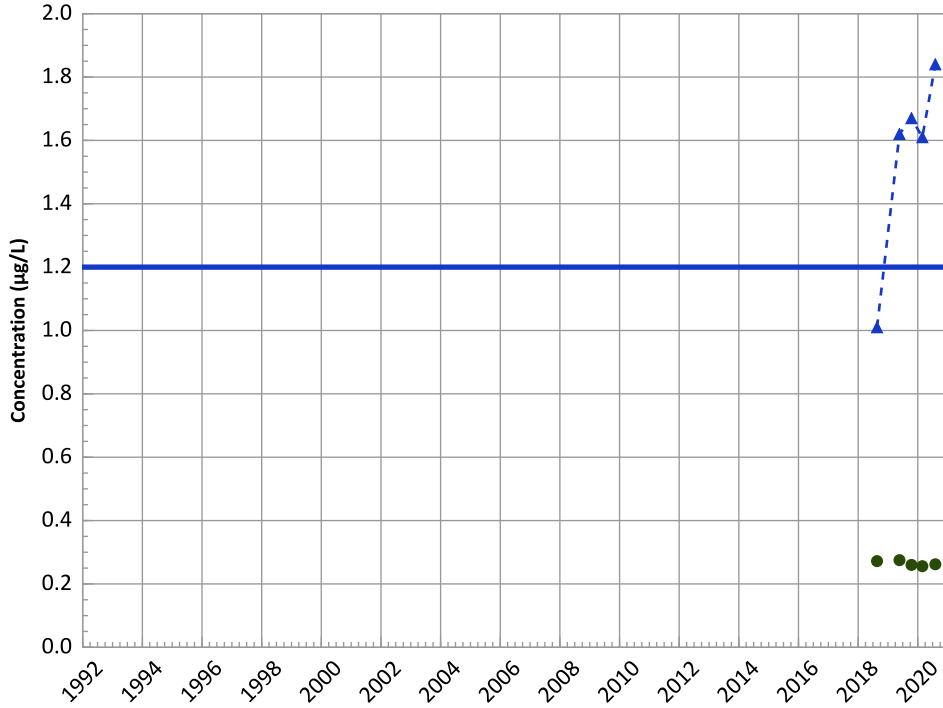


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

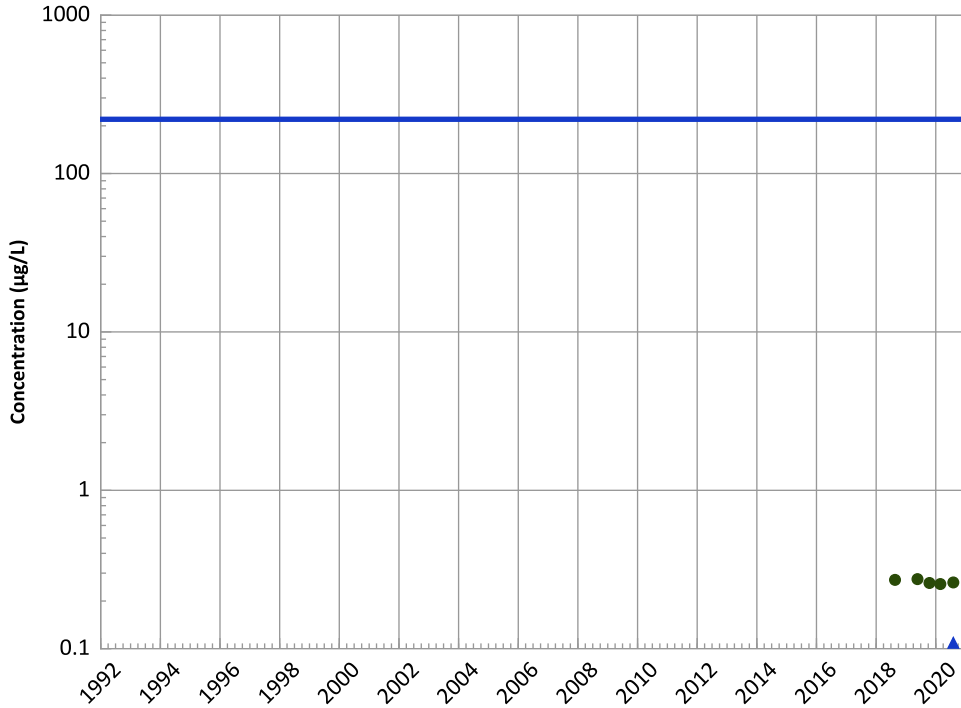
2018 - 2020 Data:

No Trend

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

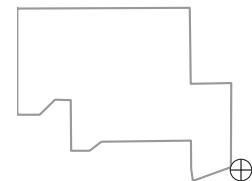
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

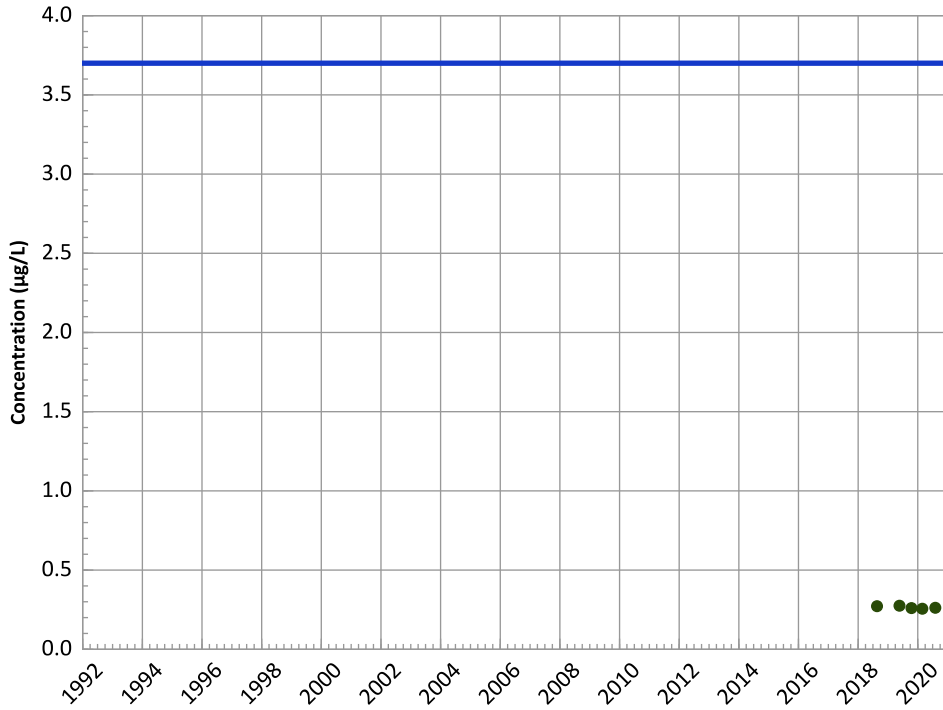
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

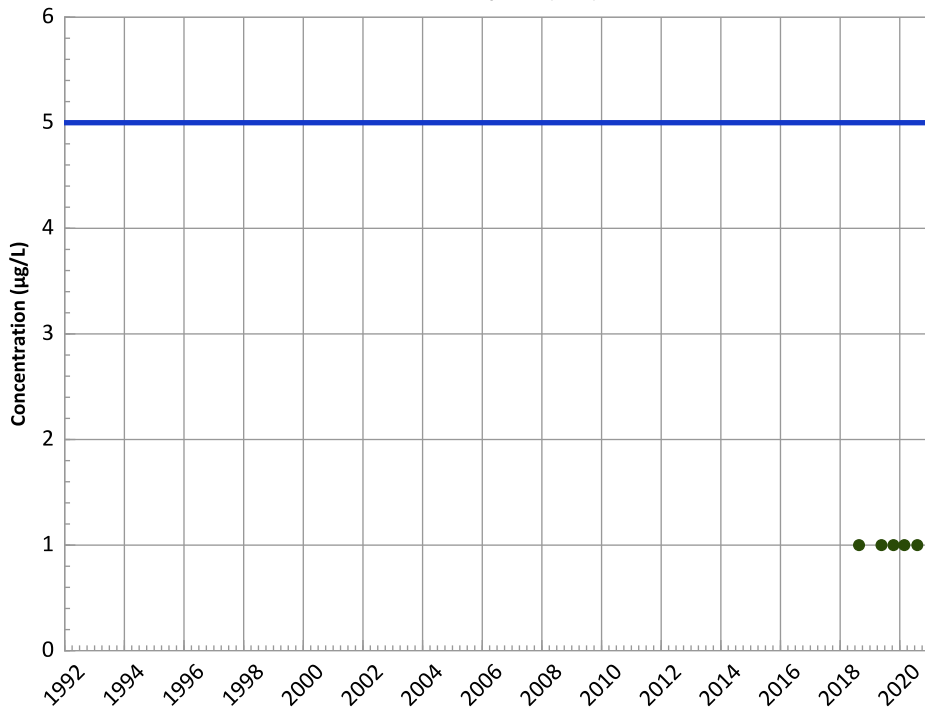
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

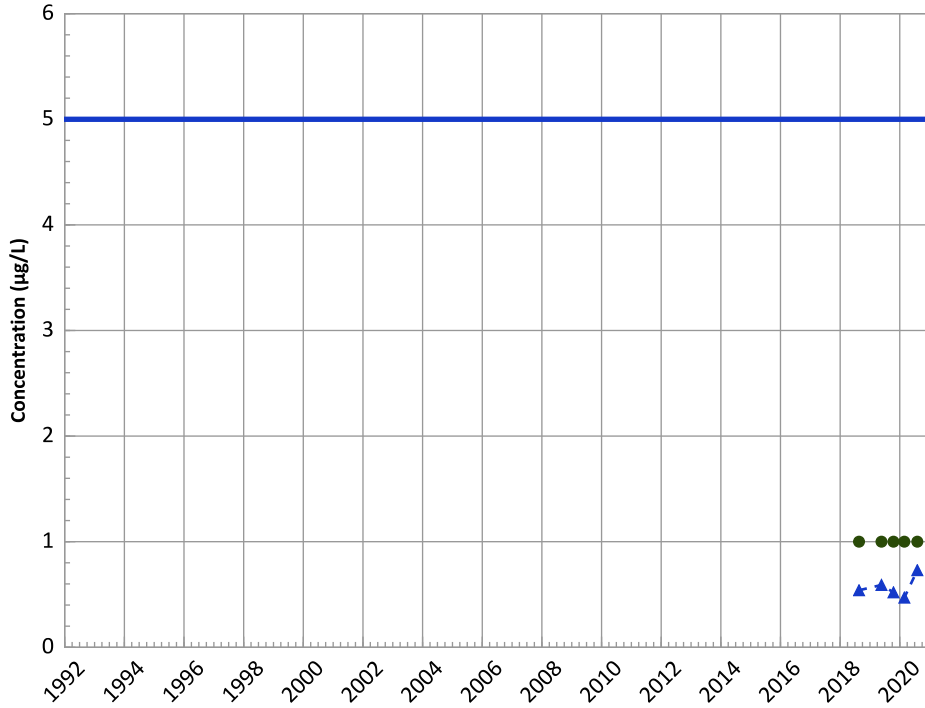


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

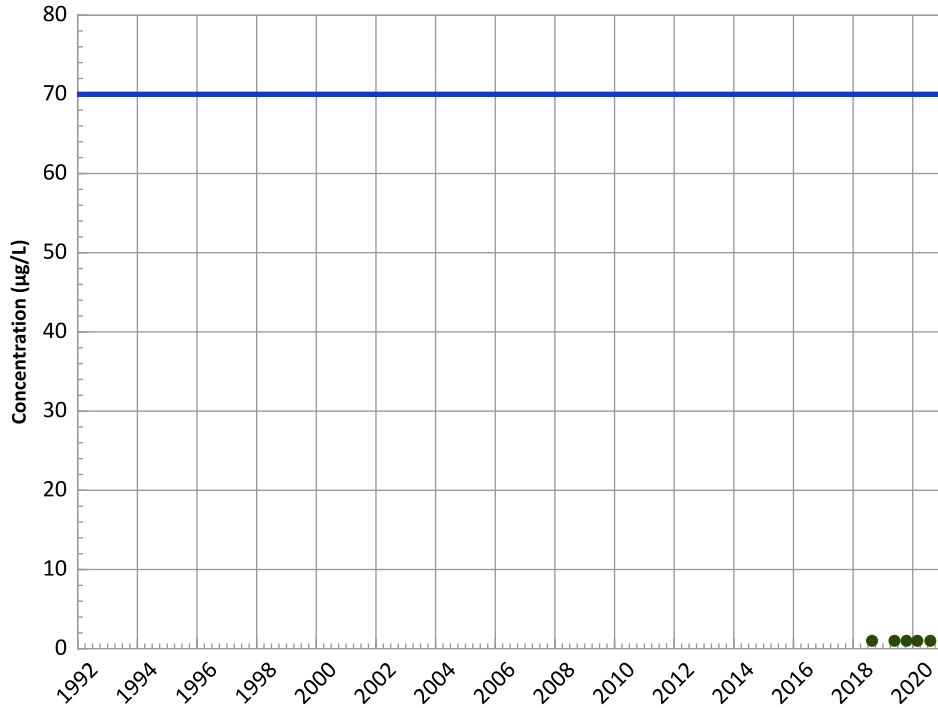


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Stable

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

cis-1,2-Dichloroethene Trend

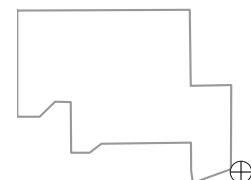


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

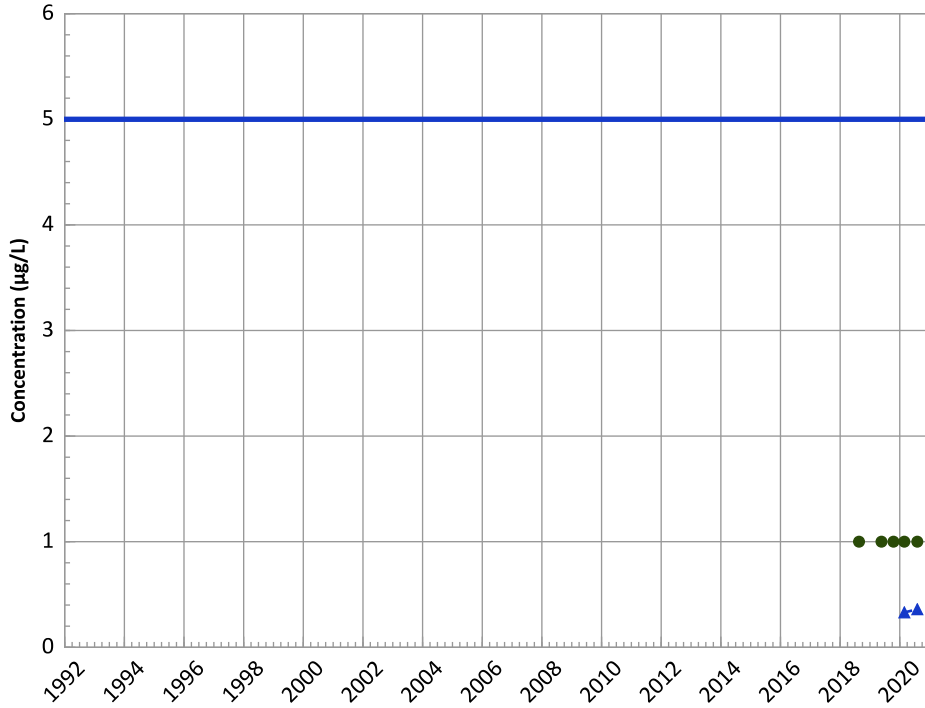
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

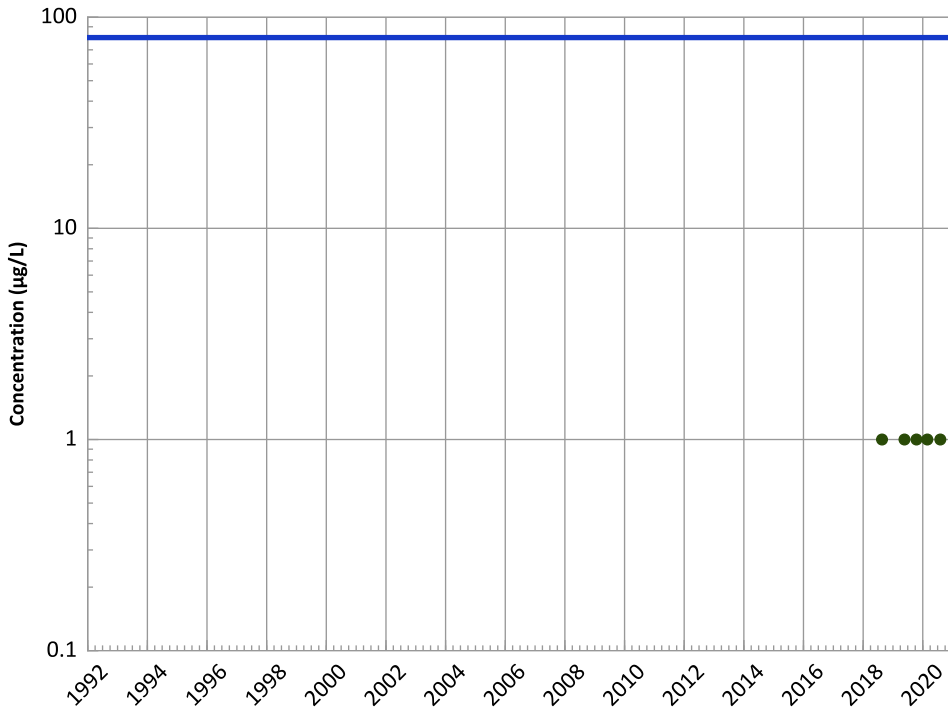


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

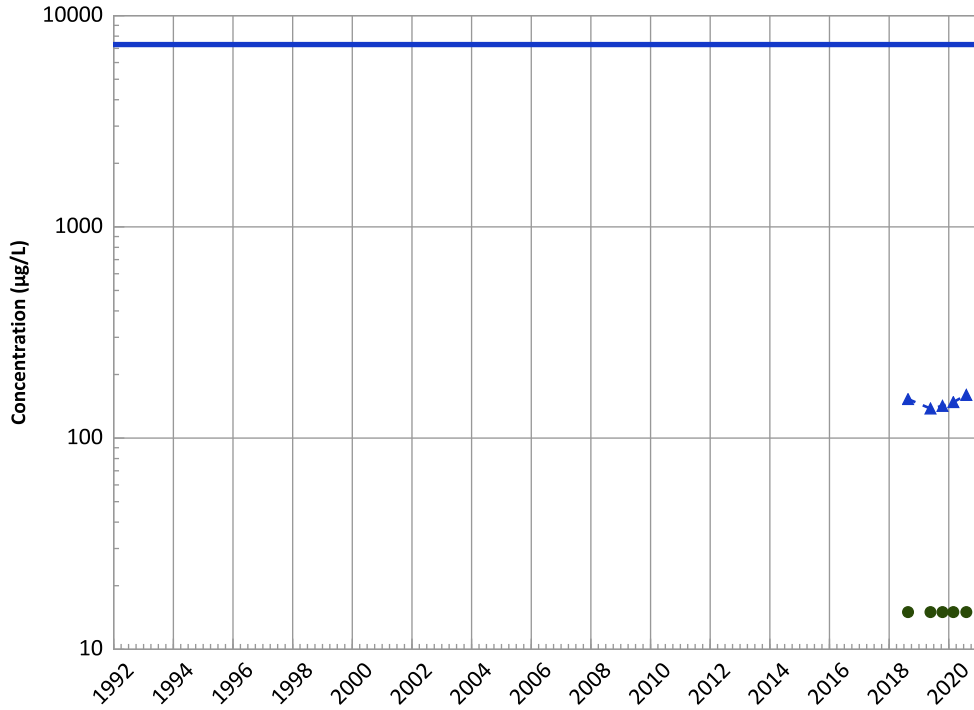
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

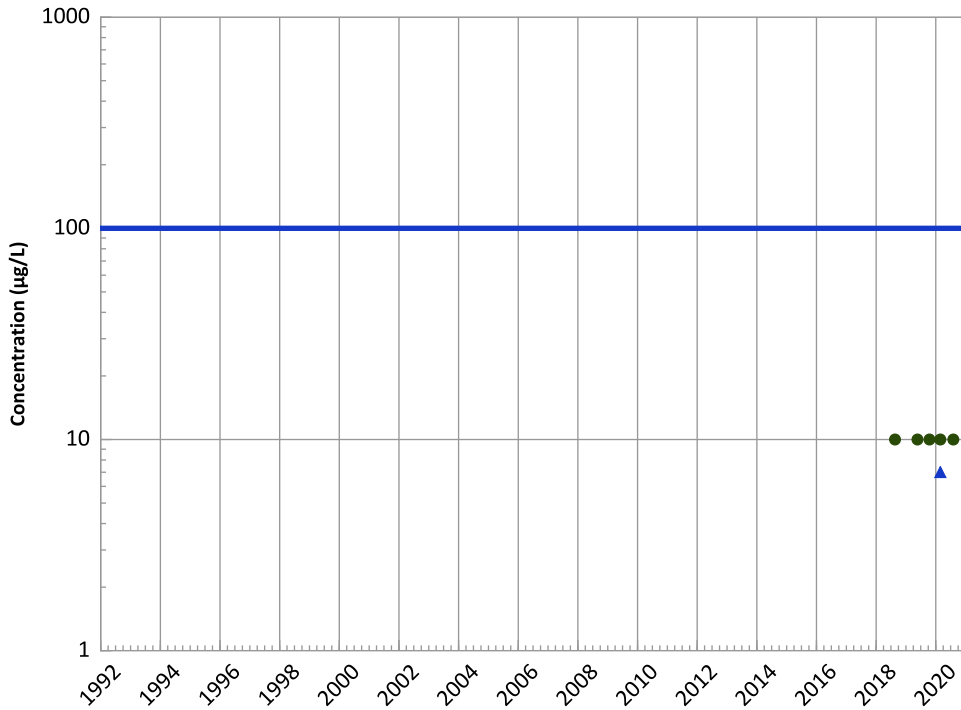
2018 - 2020 Data:

Increasing

All Data:

No Trend

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

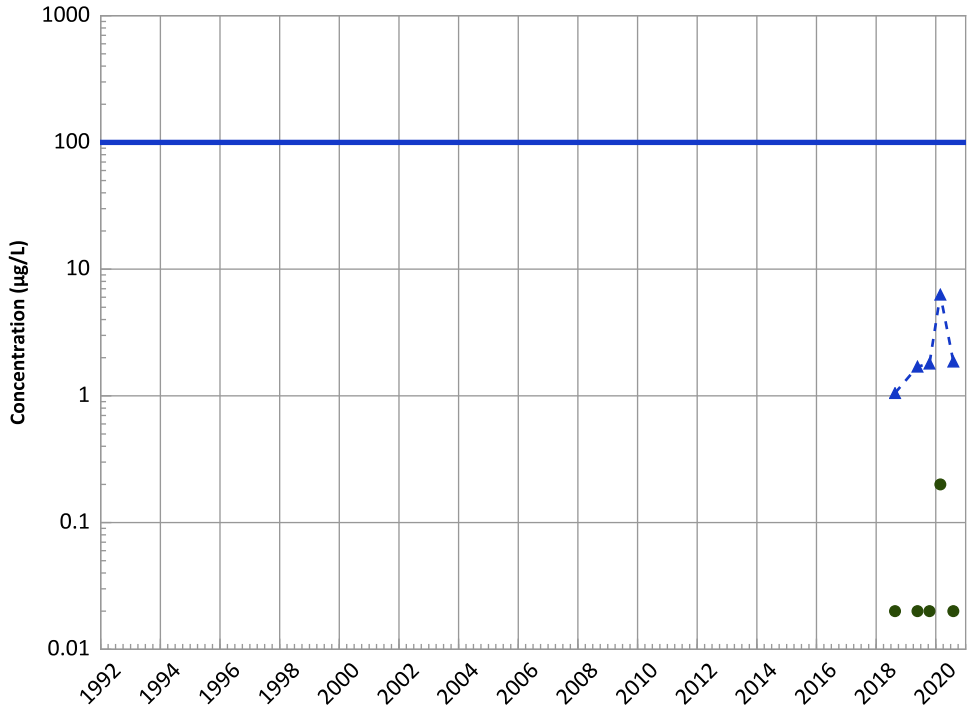
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chromium, Hexavalent Trend**

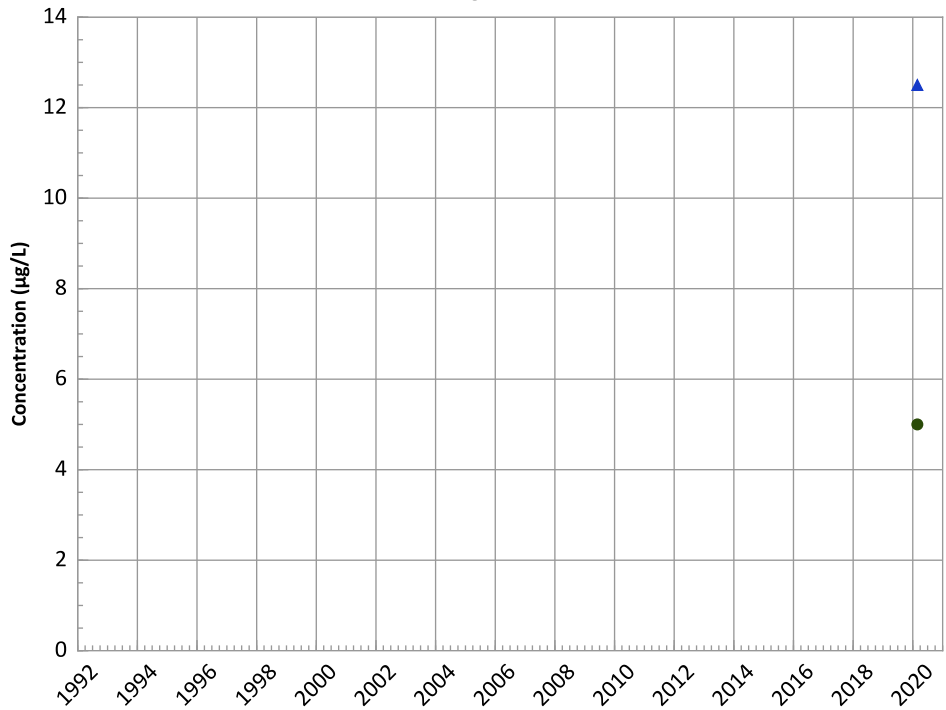


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Manganese Trend

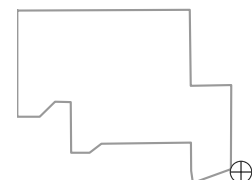


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

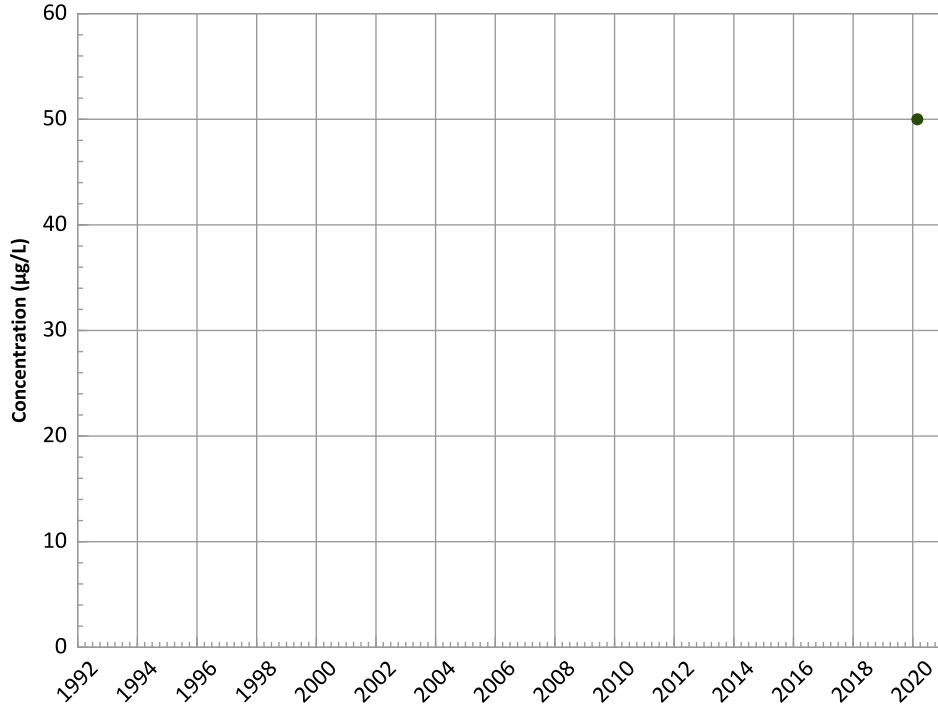


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

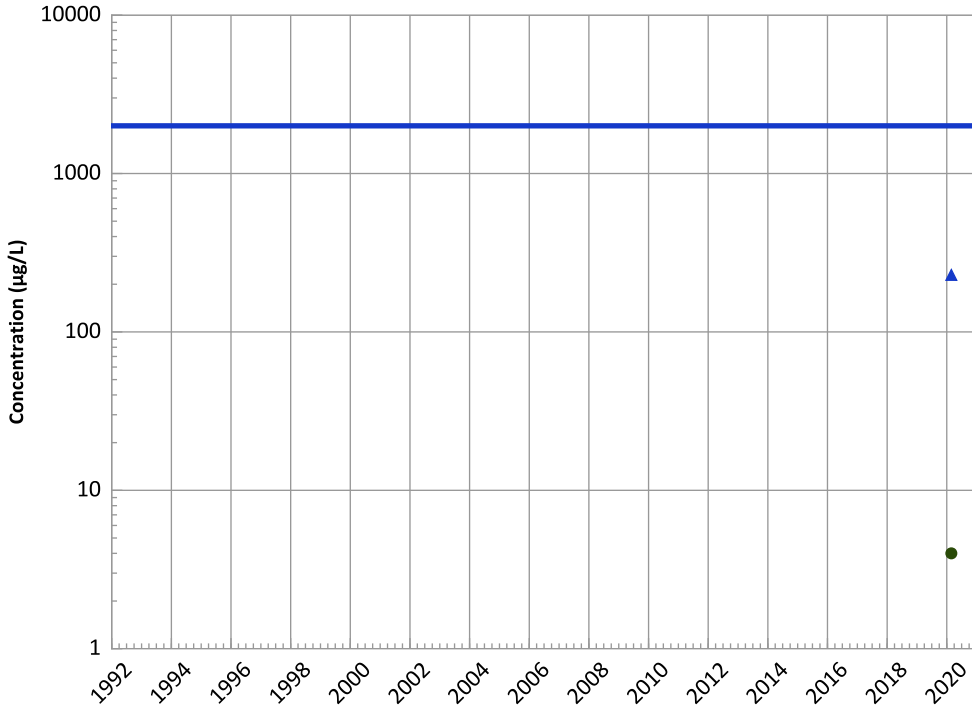
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

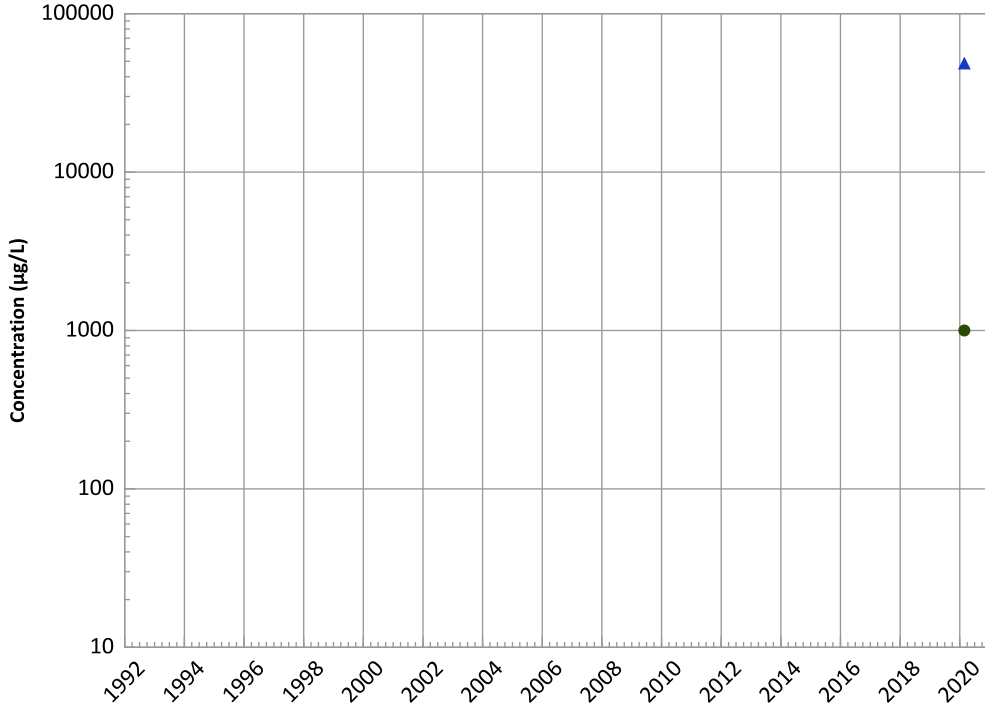
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

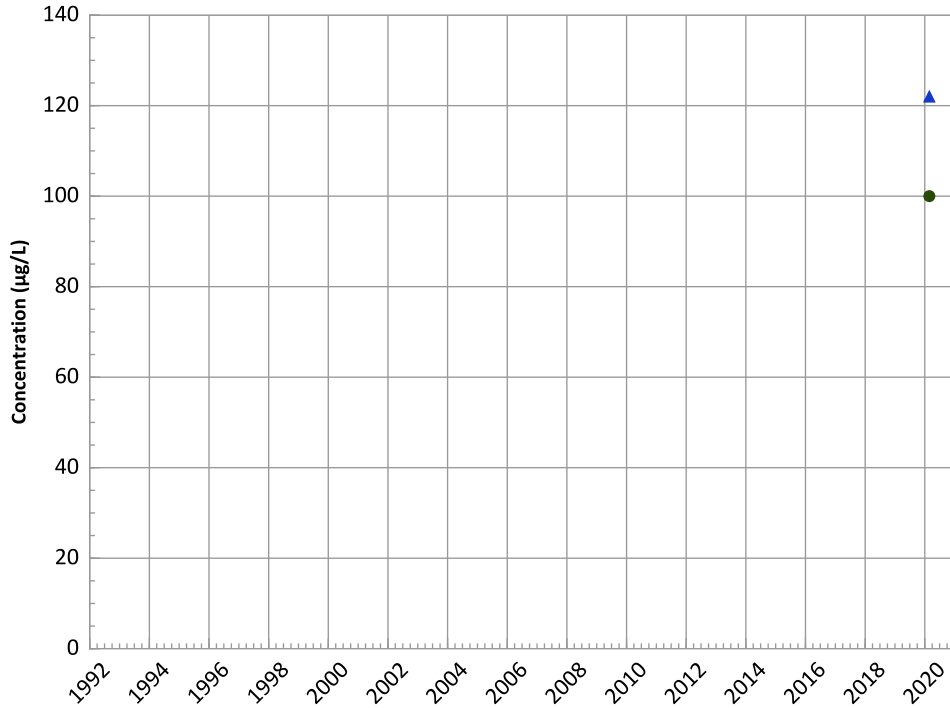
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Well Location

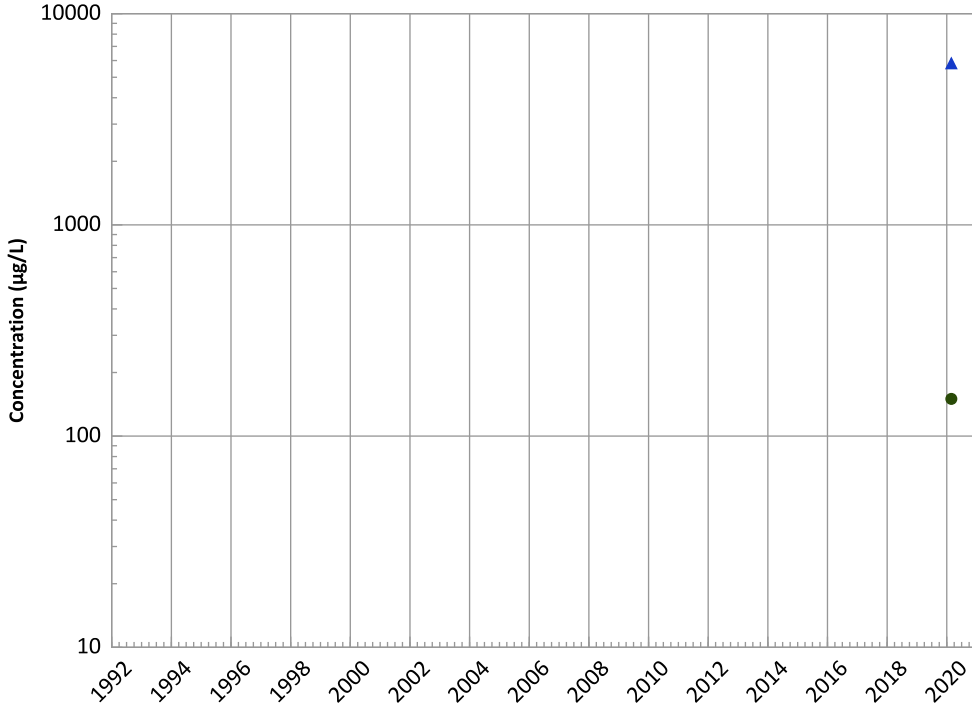


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

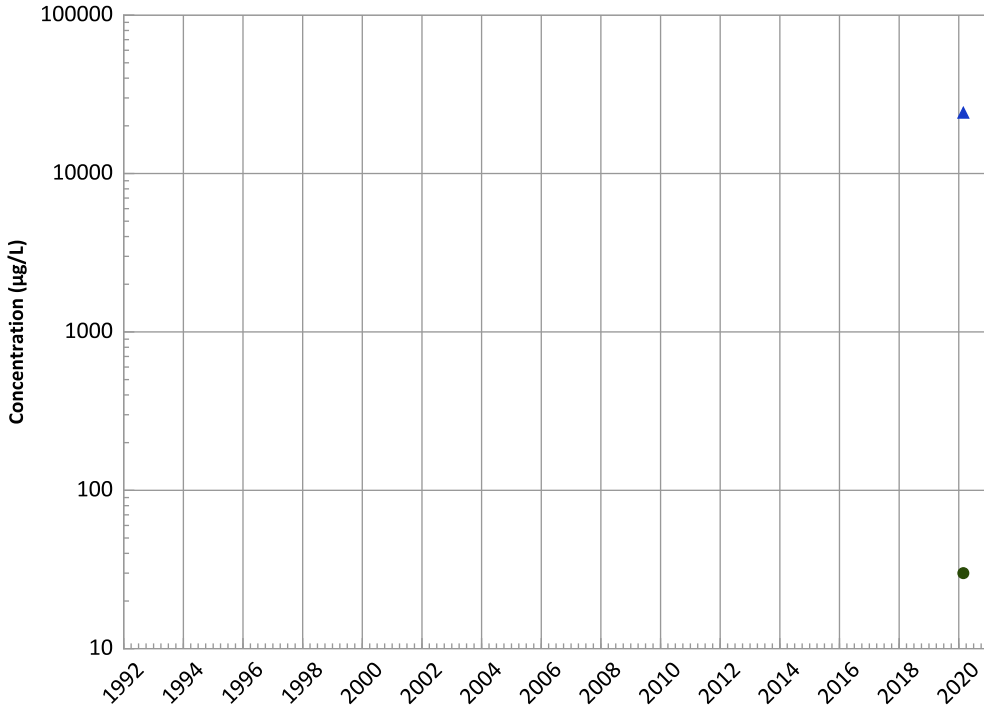
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

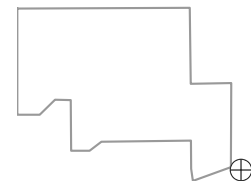
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

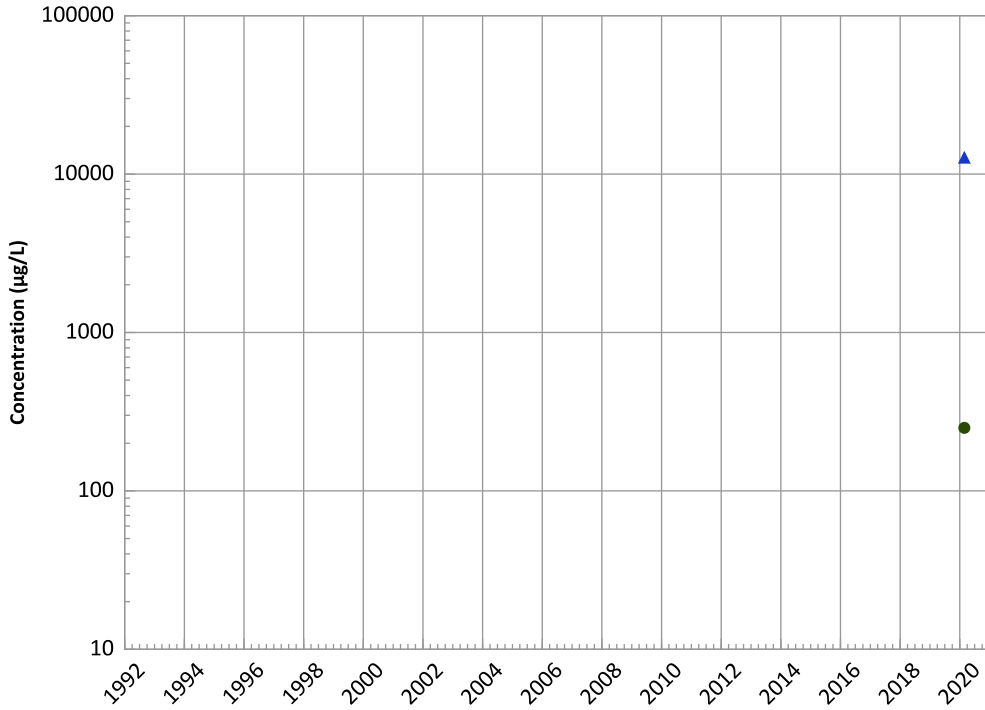
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1199 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

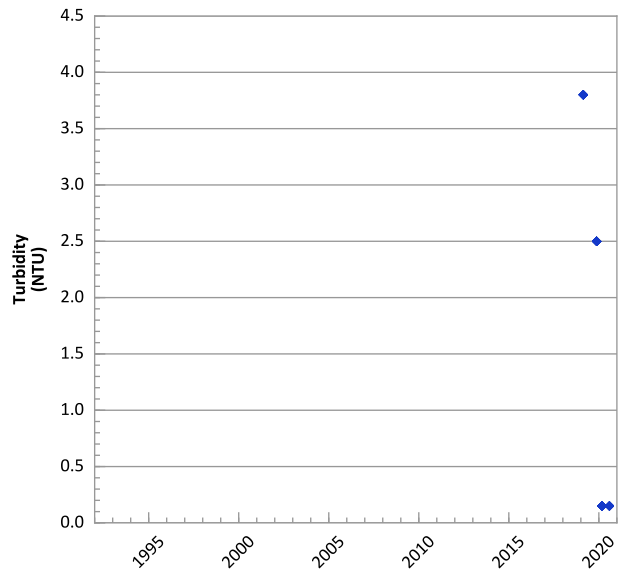
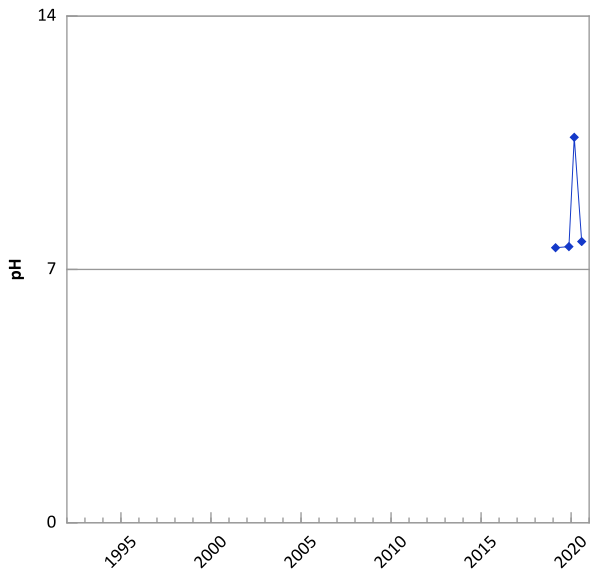
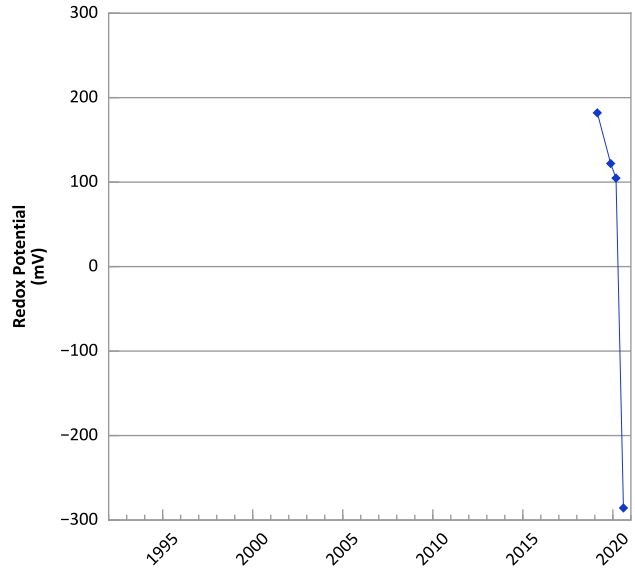
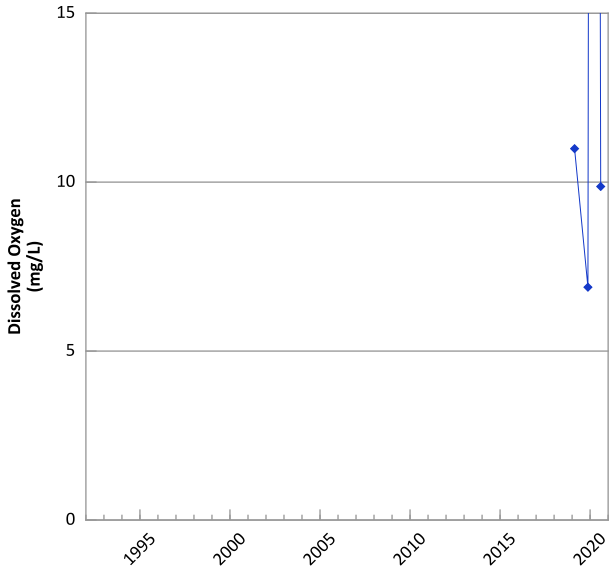
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/20/2018 to 08/03/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

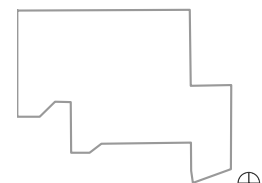


**PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



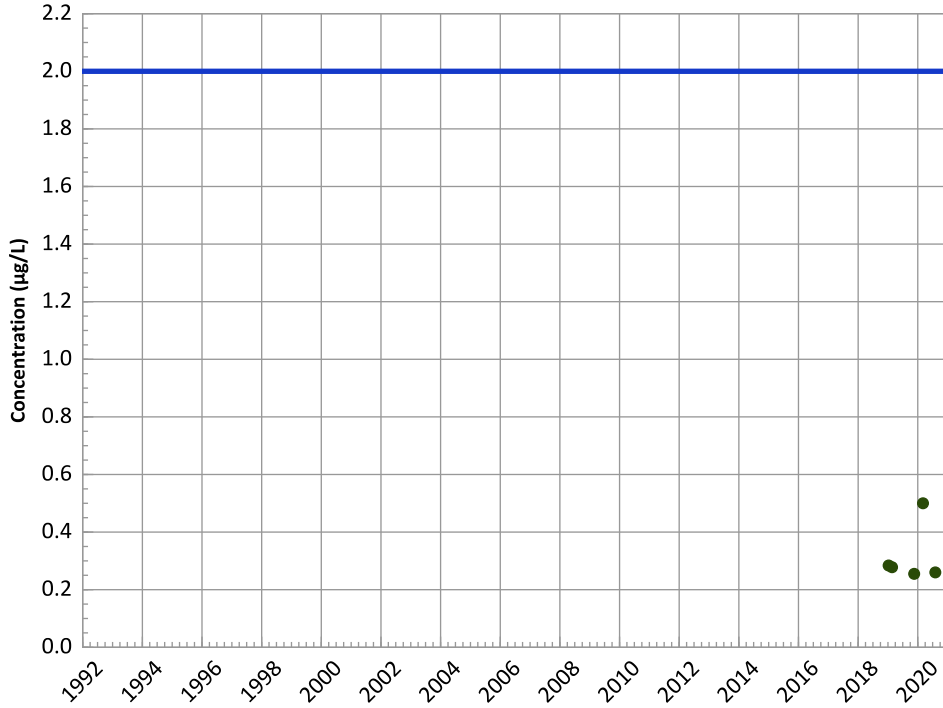
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/09/2019 to 08/03/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

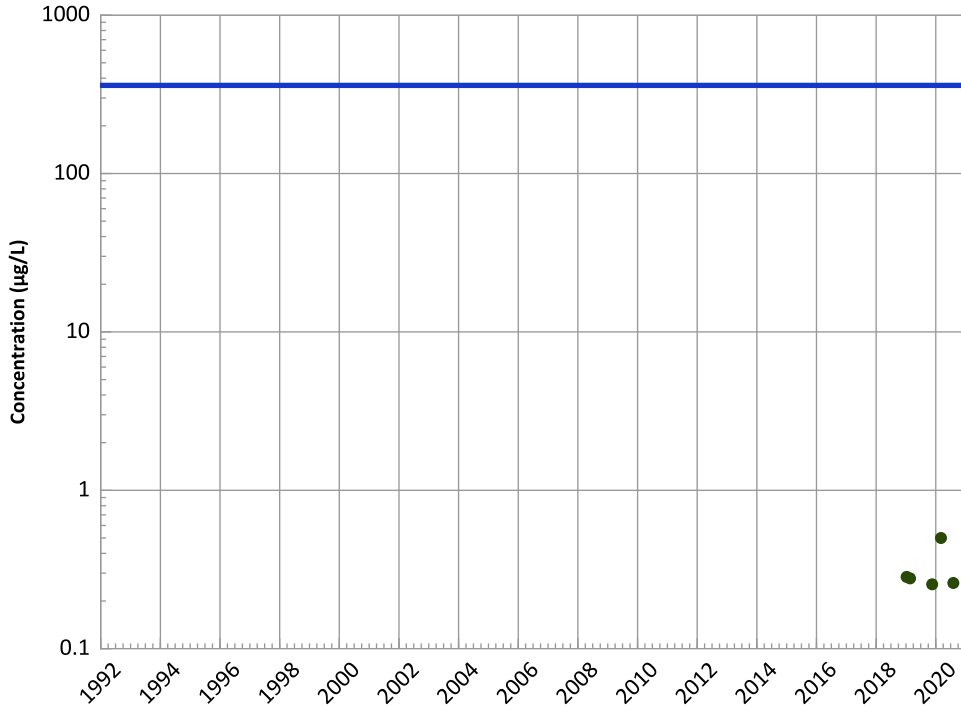
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

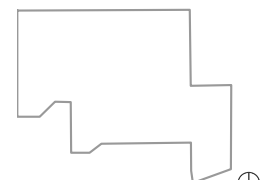
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

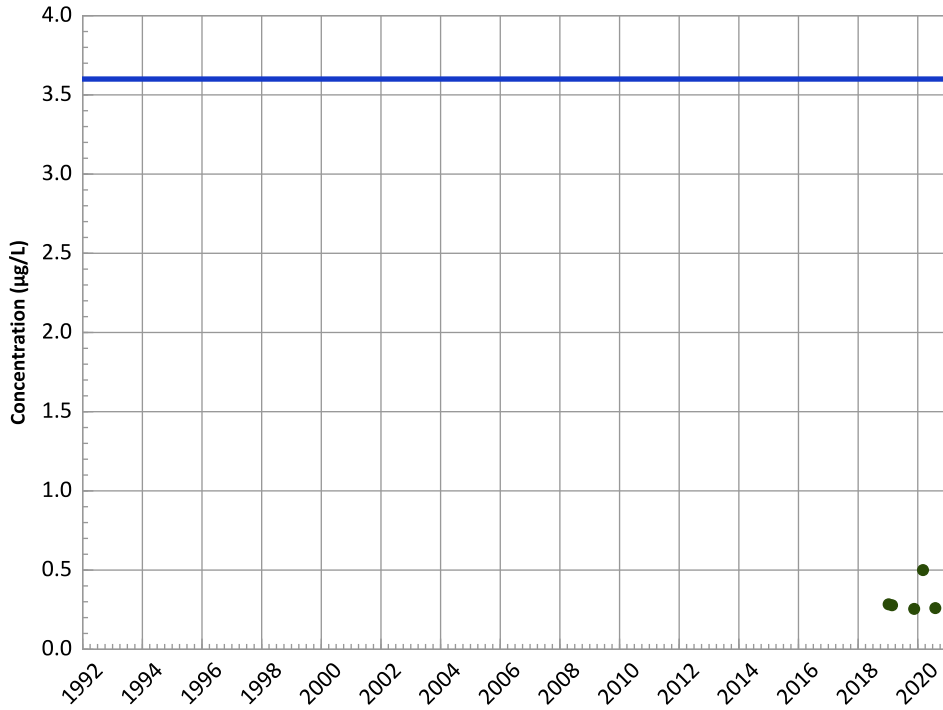
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

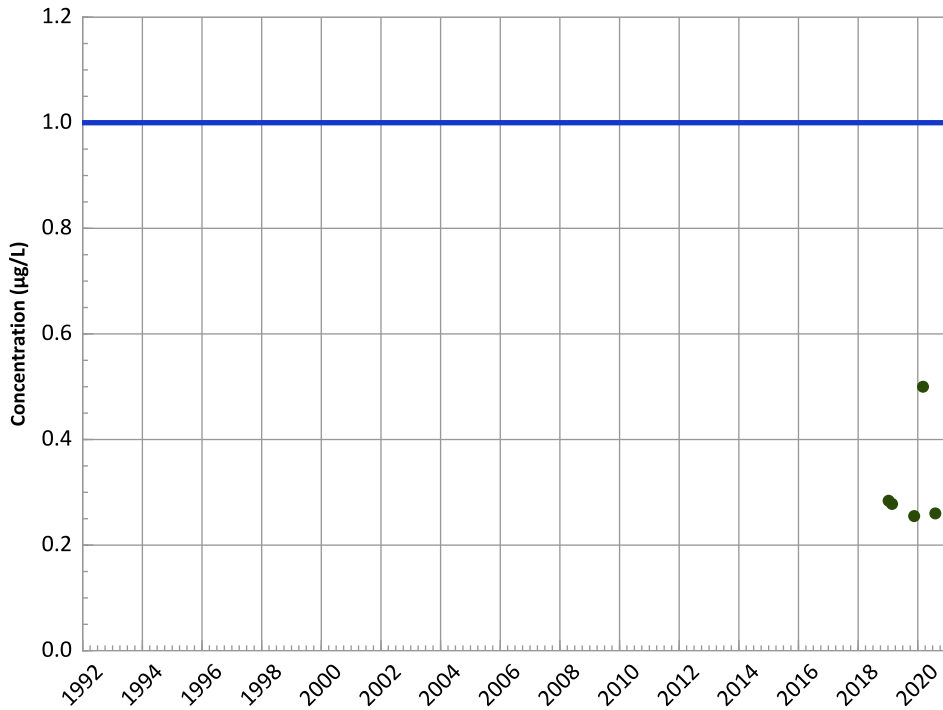
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

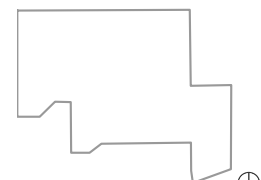
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

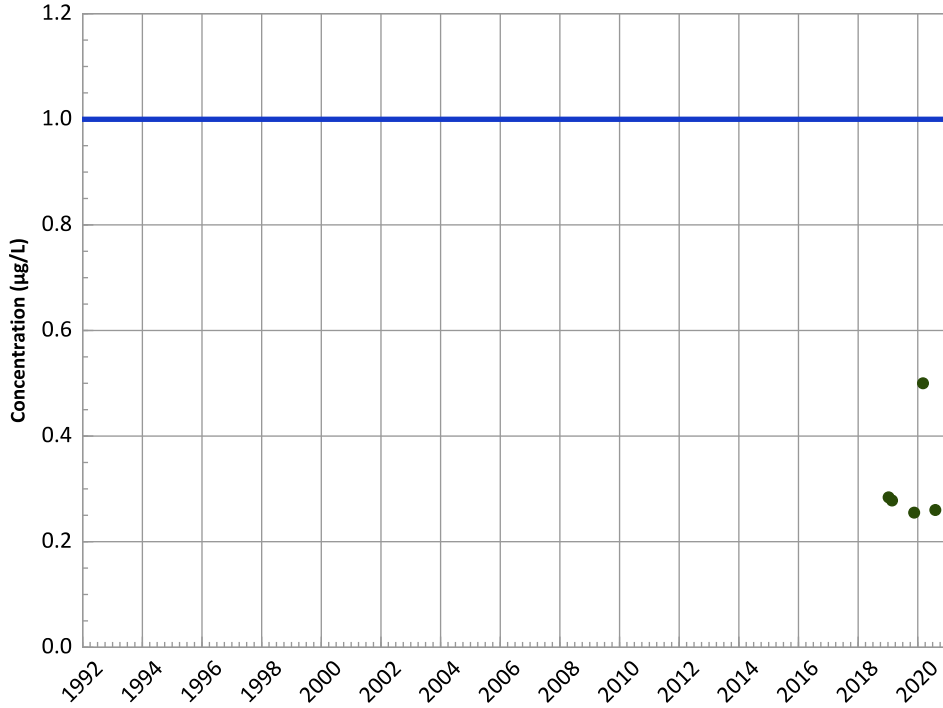


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

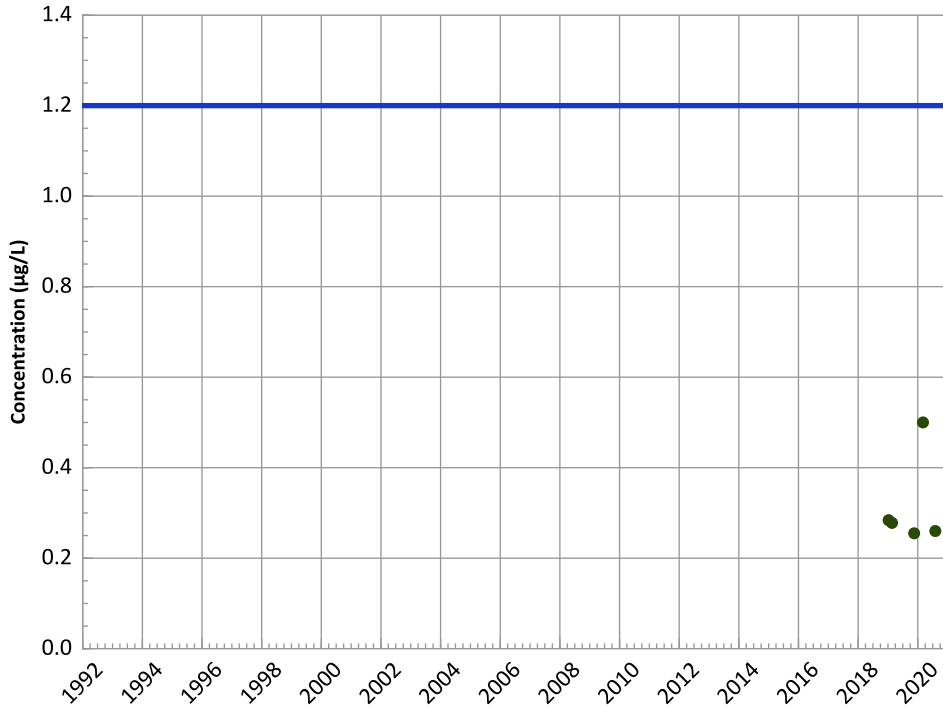
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

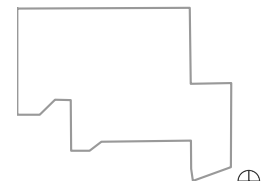
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

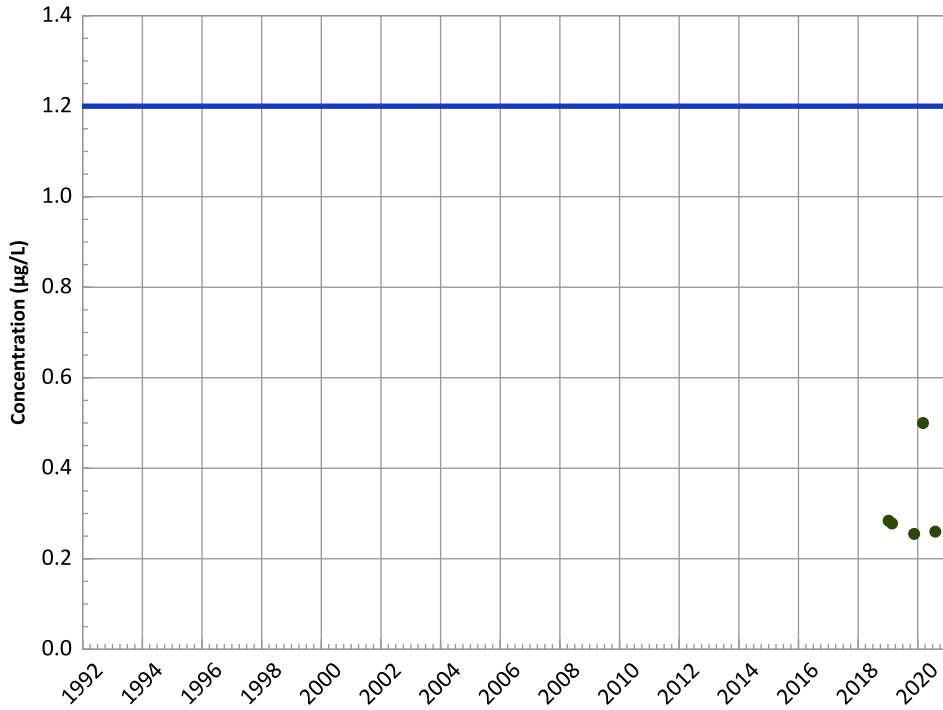


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

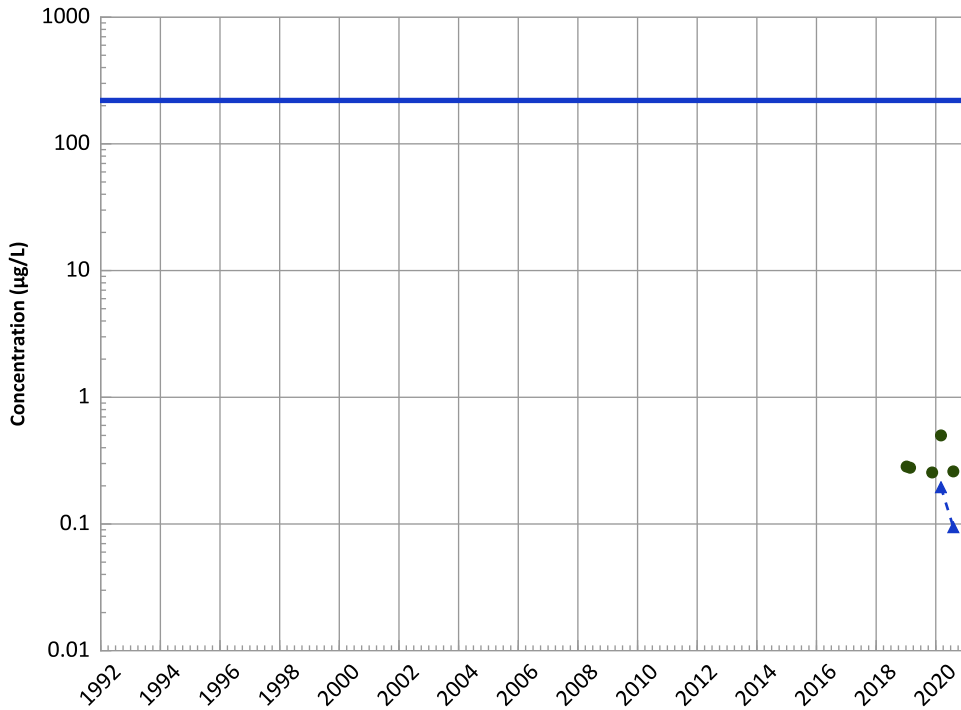
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

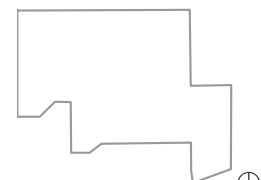
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

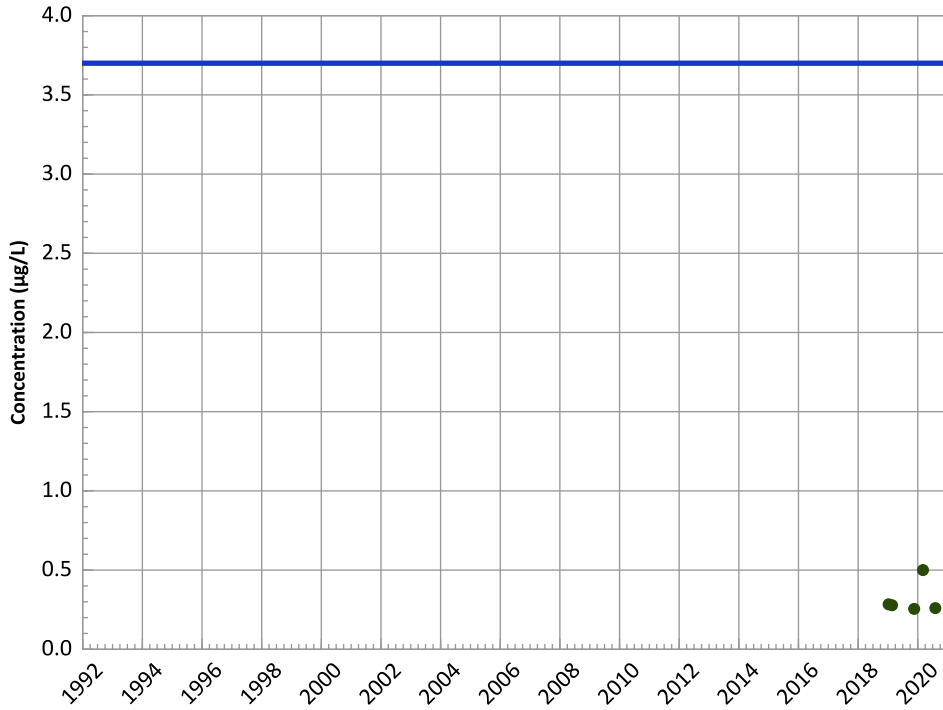
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

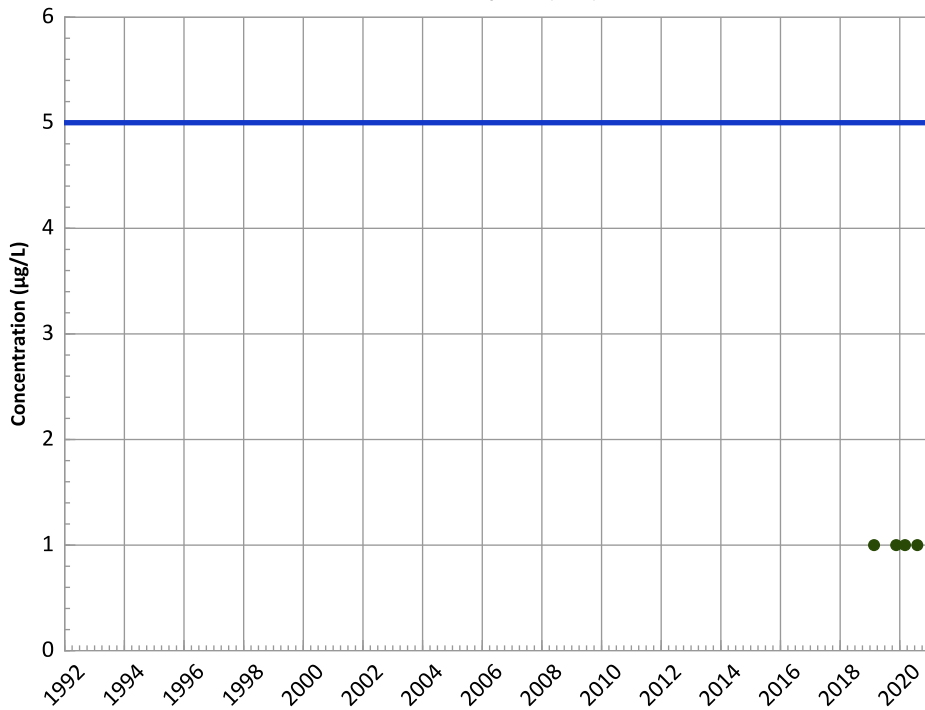
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

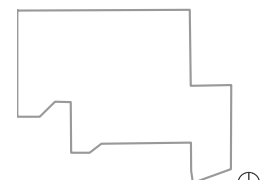
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

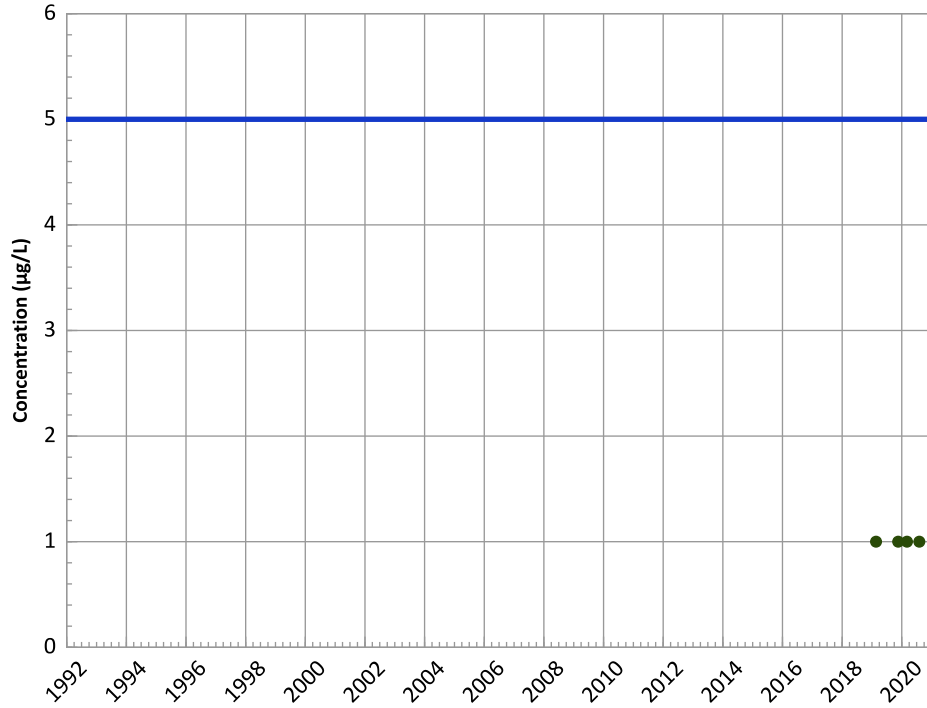


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

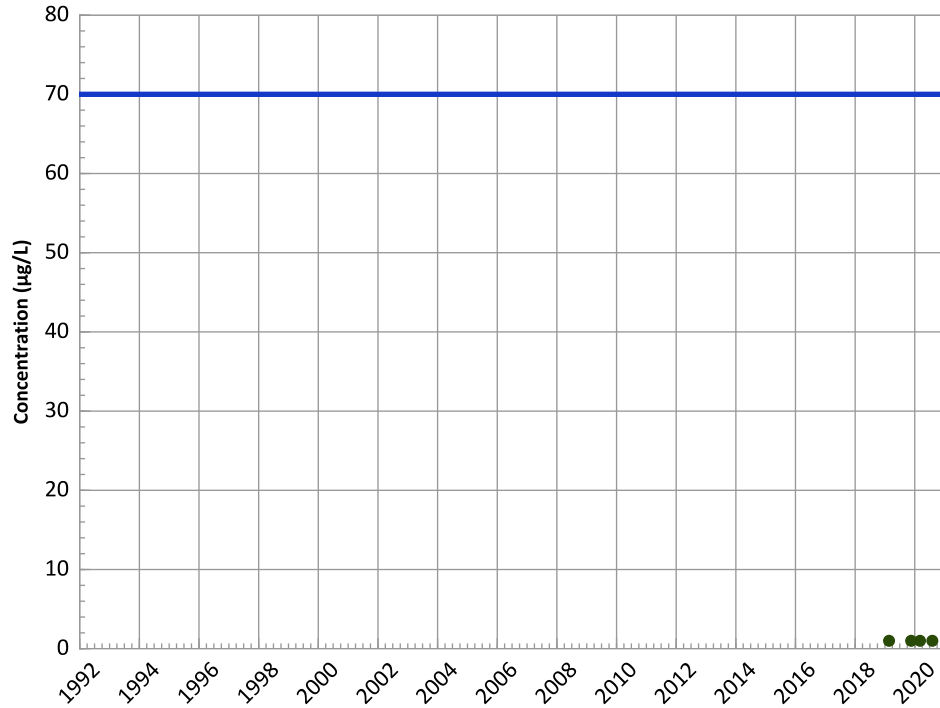
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

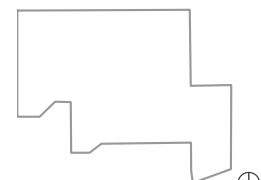
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

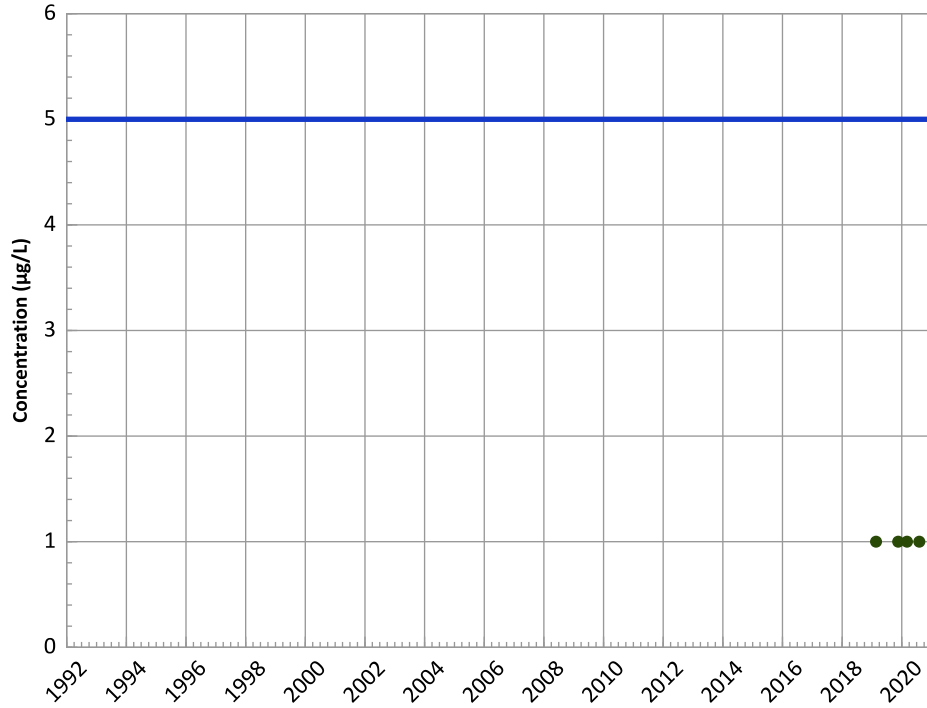
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

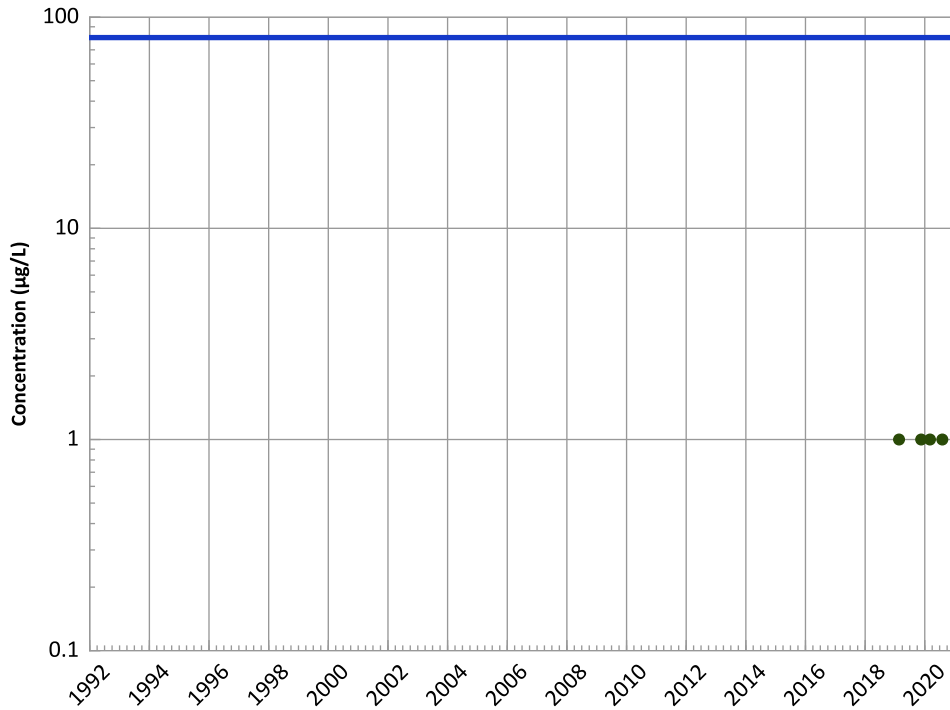
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

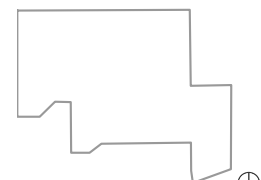
All Data:

All Non-Detect

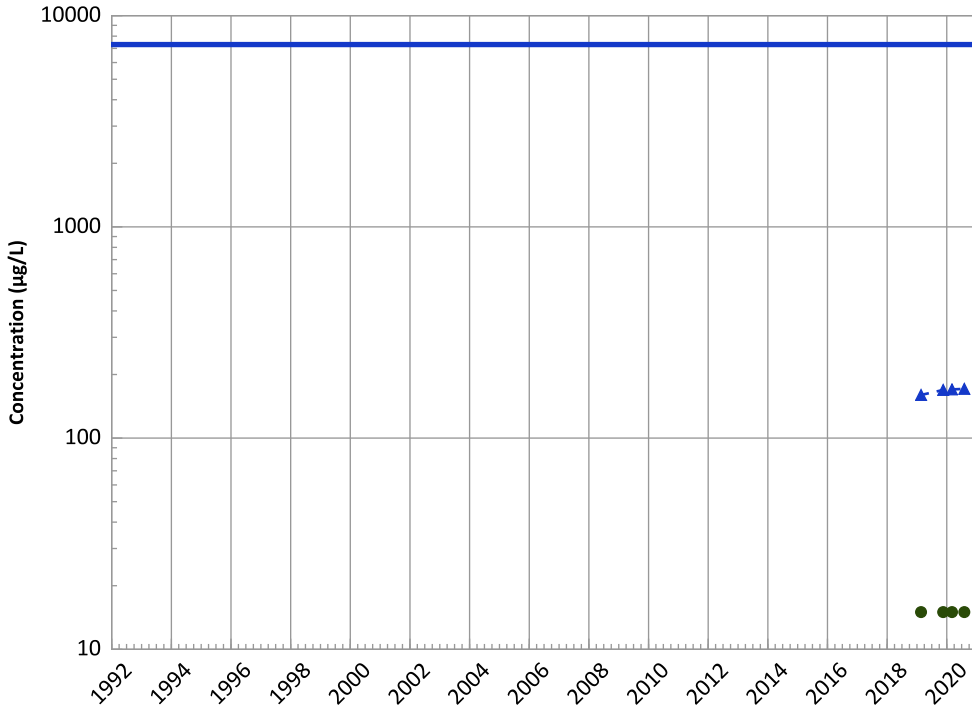
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

All Data:
Increasing

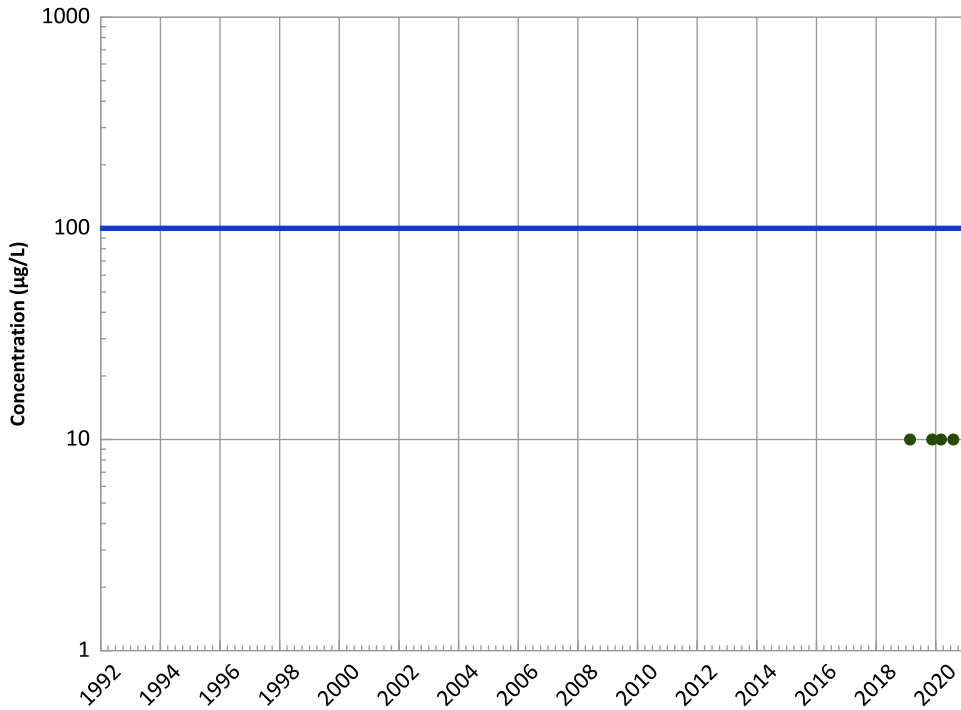
MAROS Linear Regression Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

All Data:
Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Non-Detect

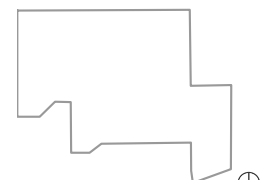
All Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

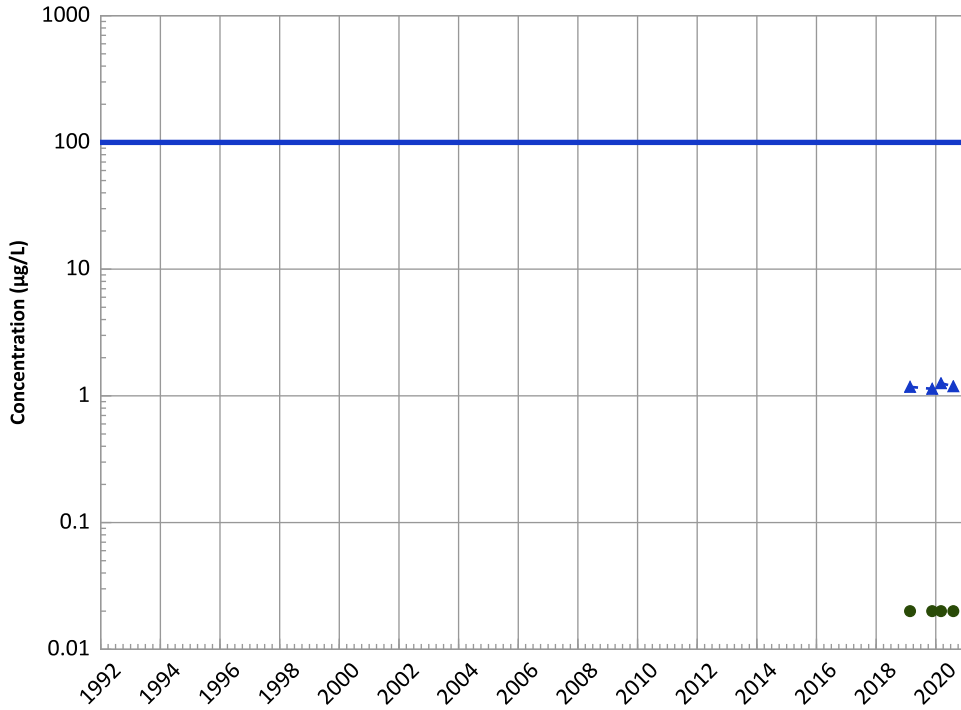
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

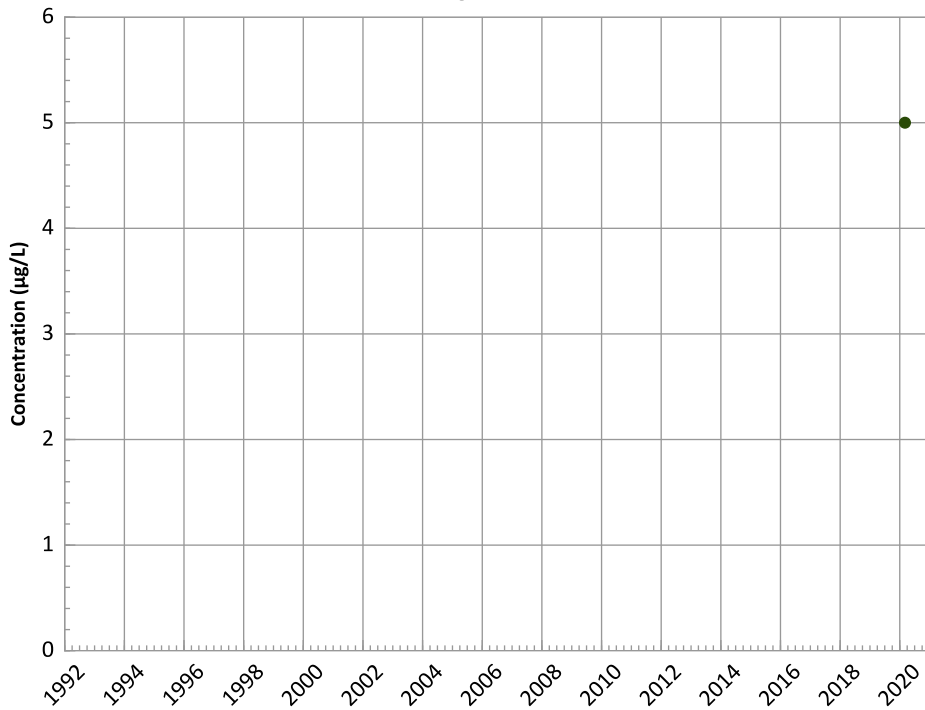
2018 - 2020 Data:

No Trend

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

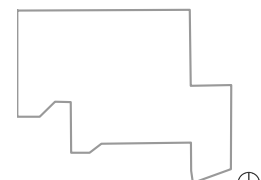
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

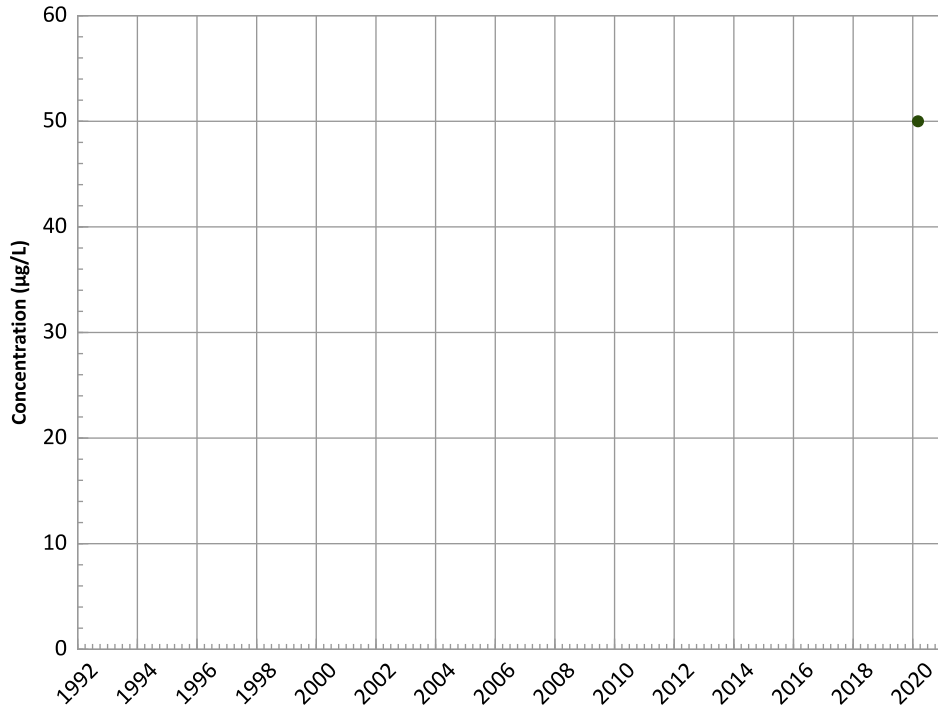


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

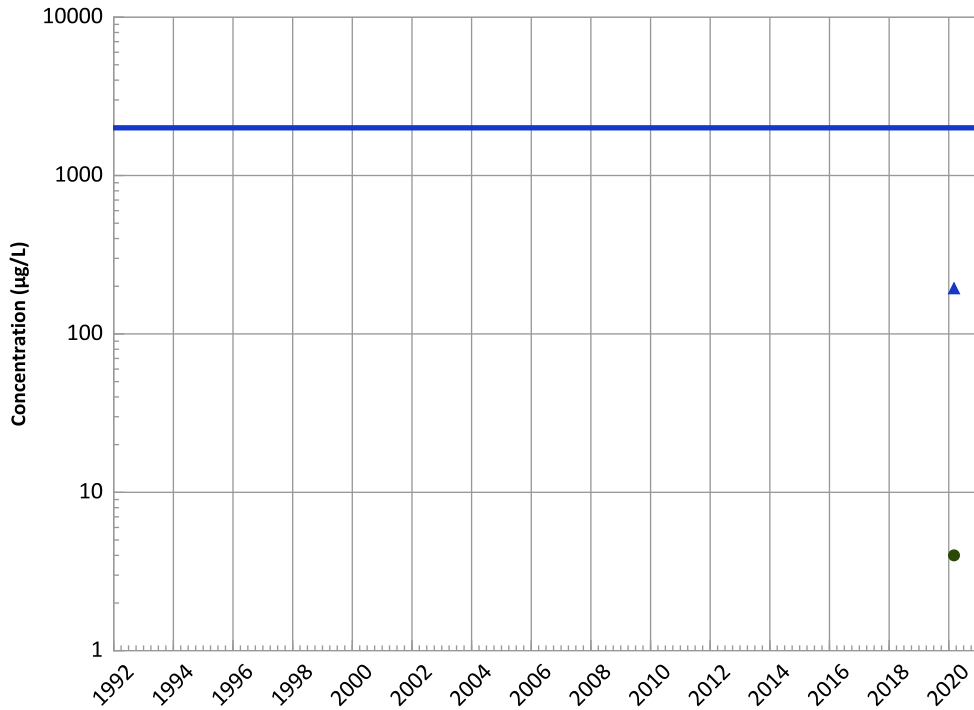


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend



Concentration Trend

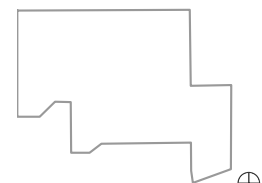
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

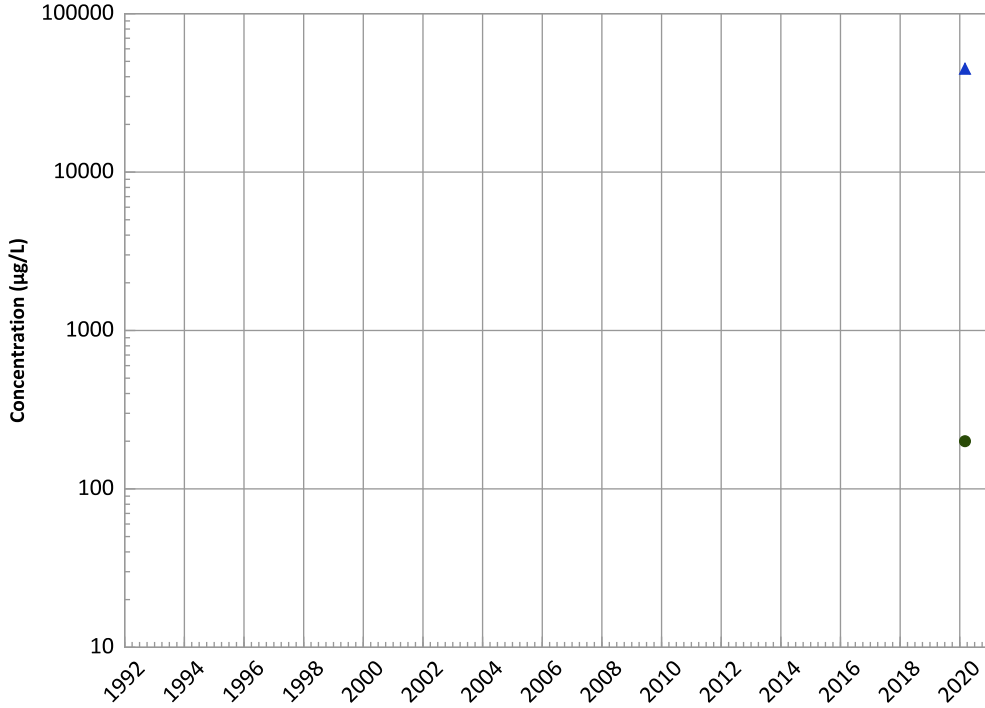
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

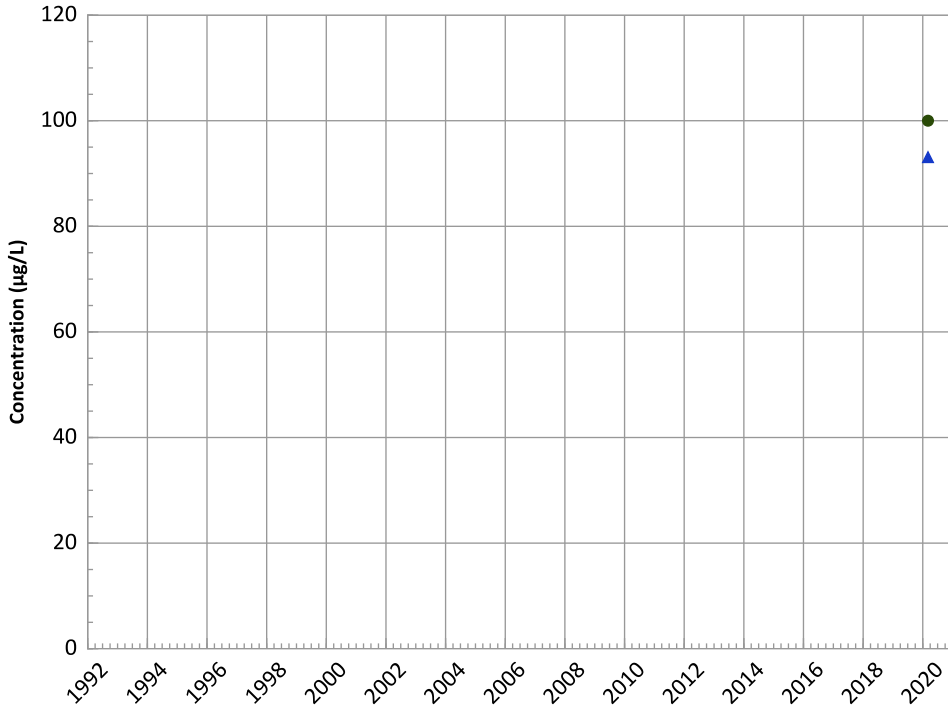
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

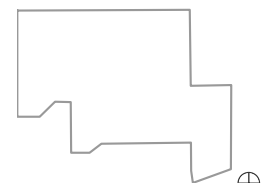
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Well Location

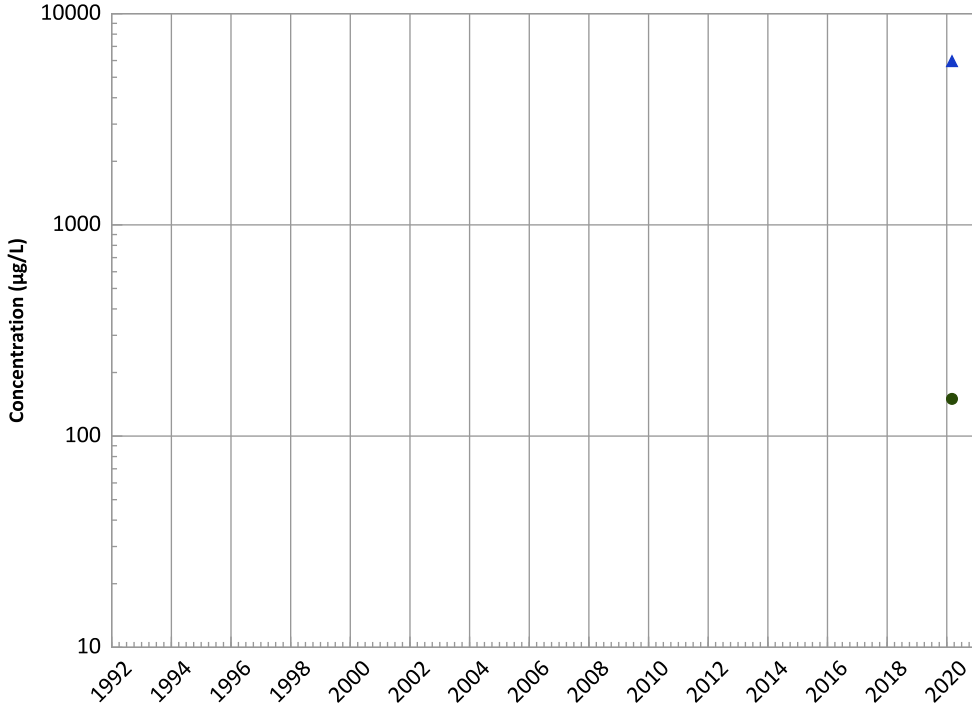


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

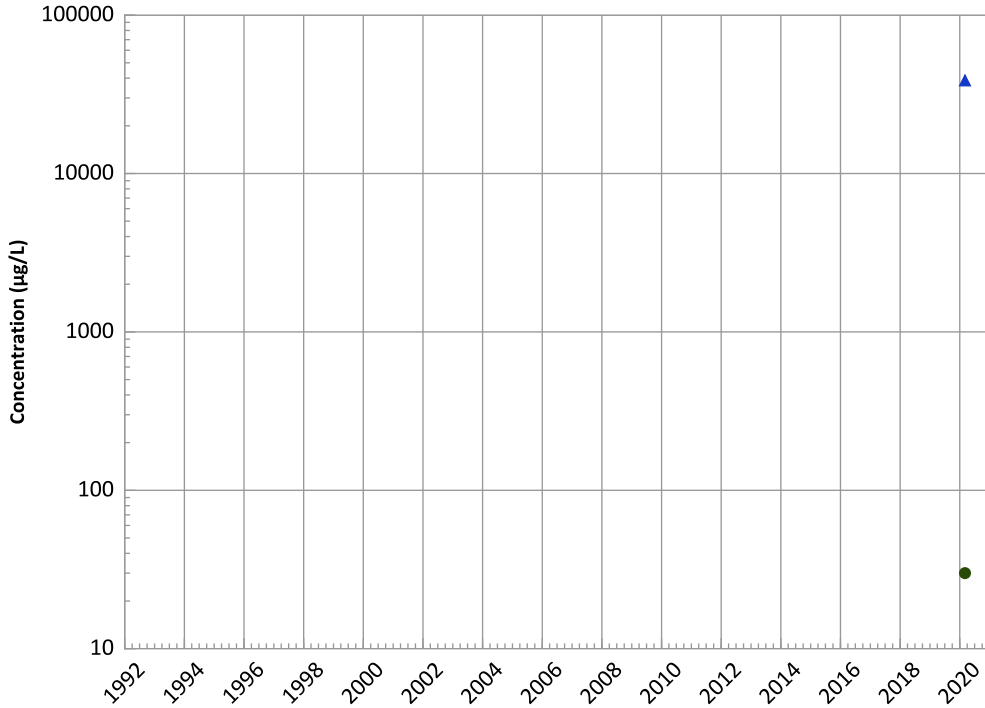
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

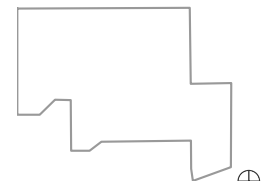
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

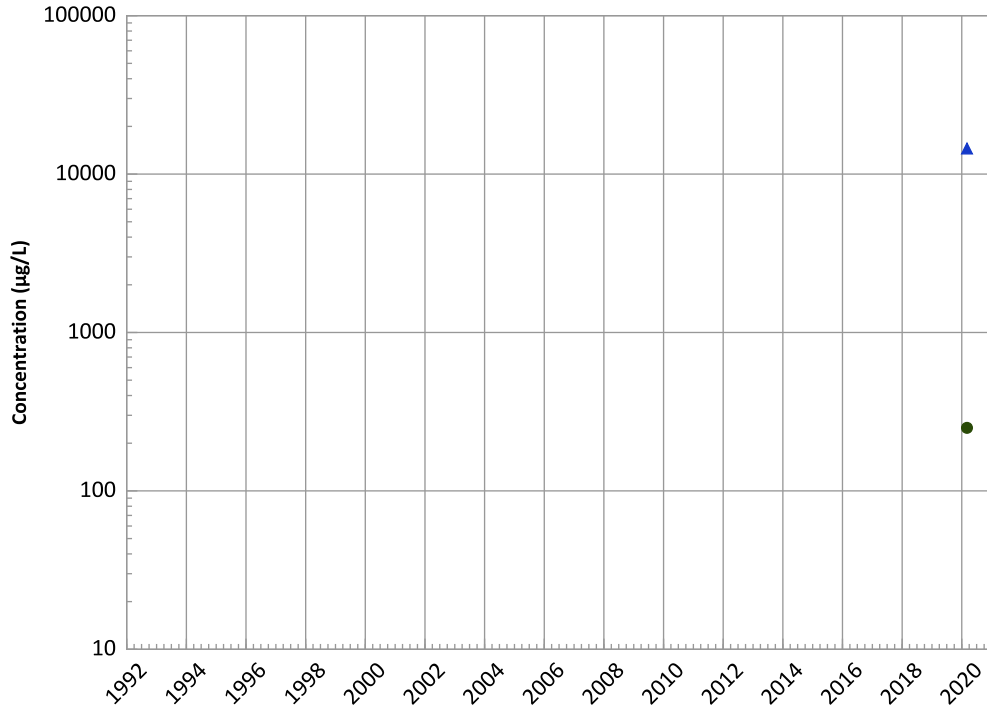
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/09/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1200 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

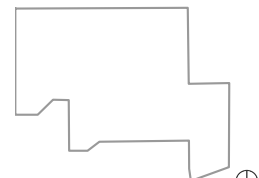
2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

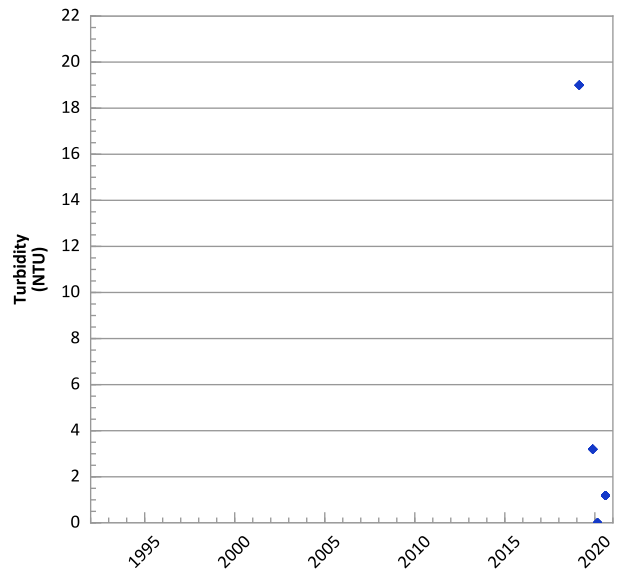
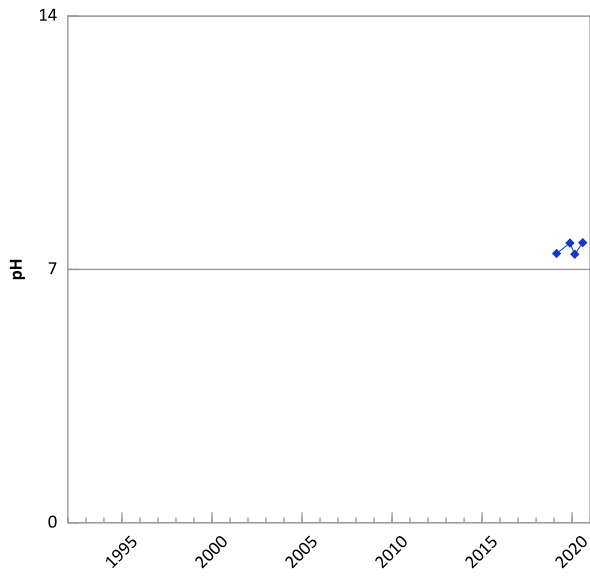
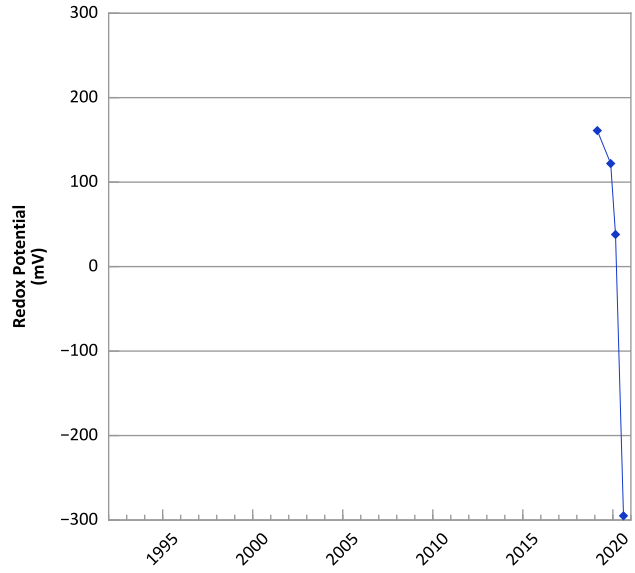
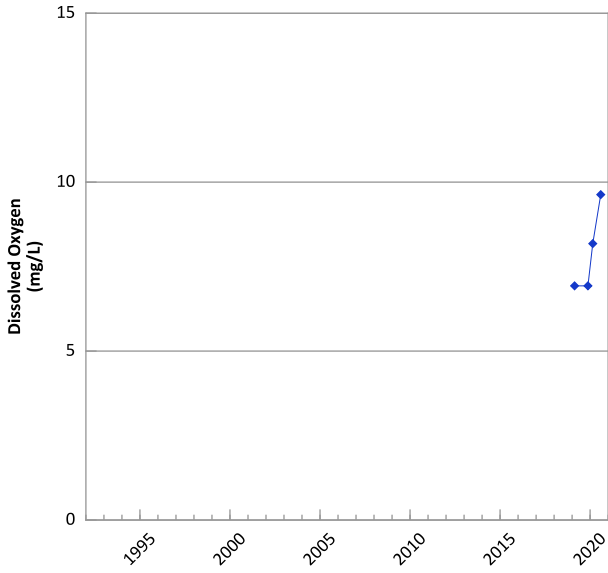
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/09/2019 to 08/03/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

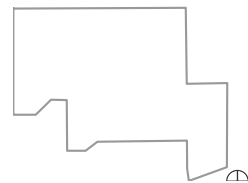


**PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



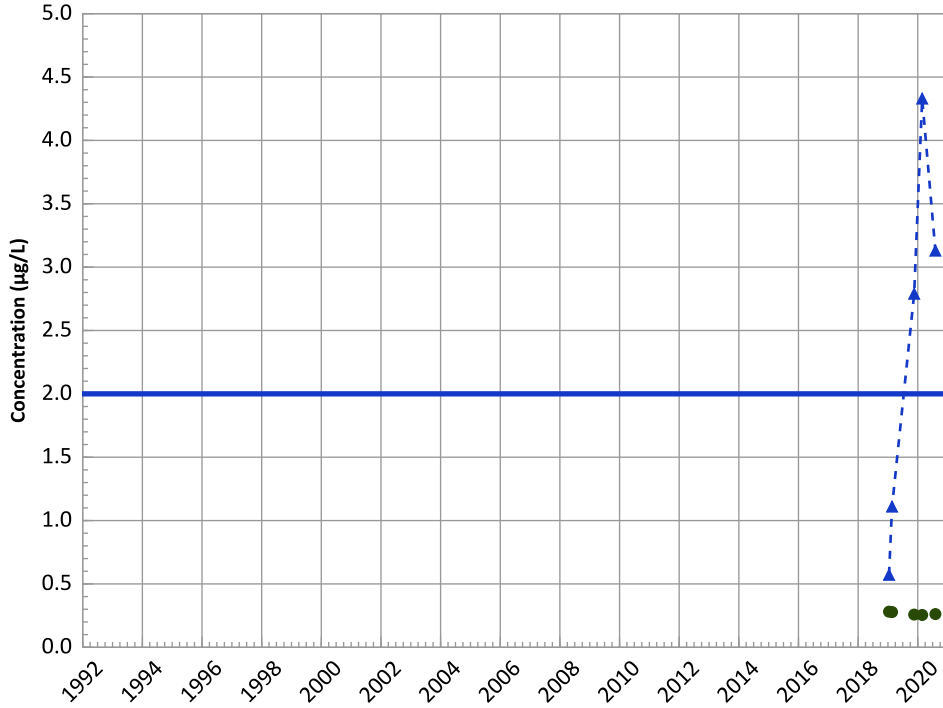
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/14/2019 to 08/04/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

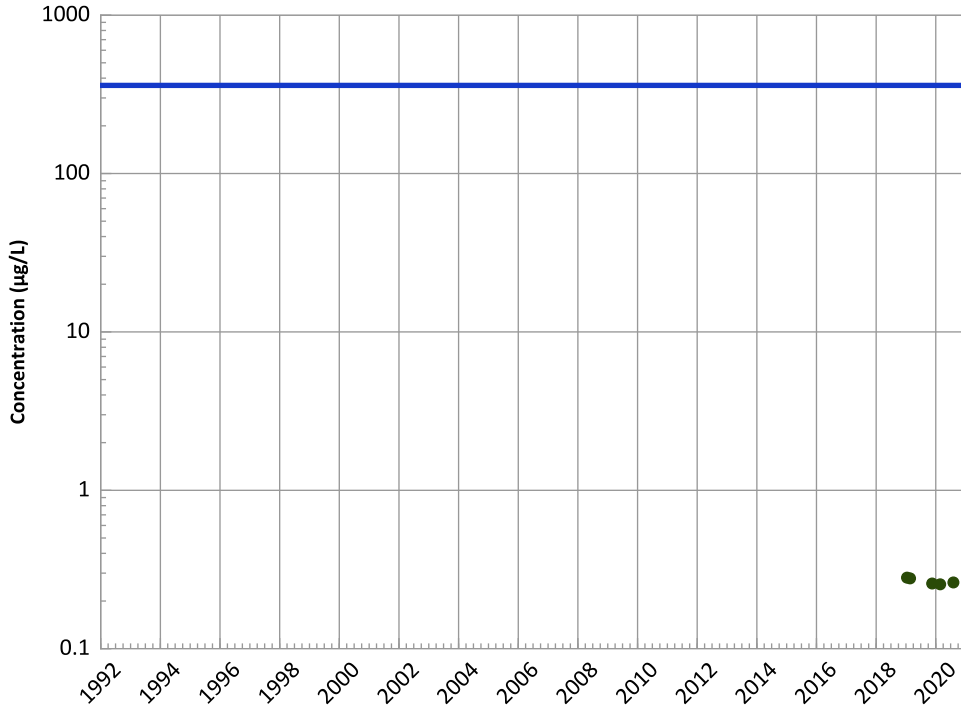
2018 - 2020 Data:

No Trend

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

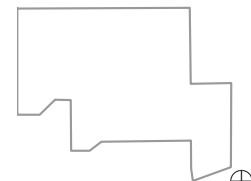
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

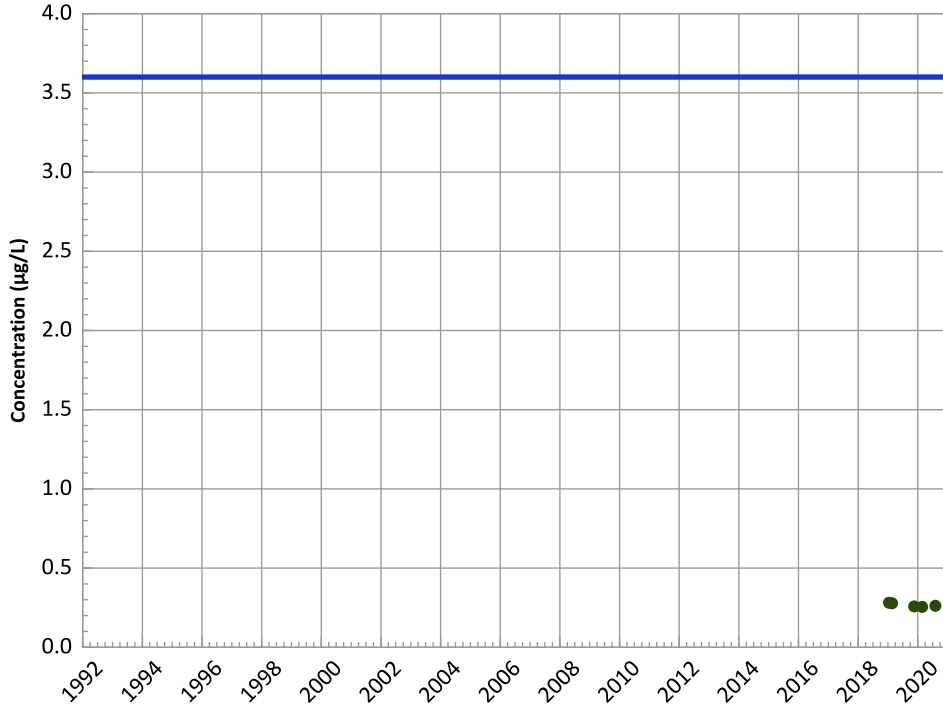
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

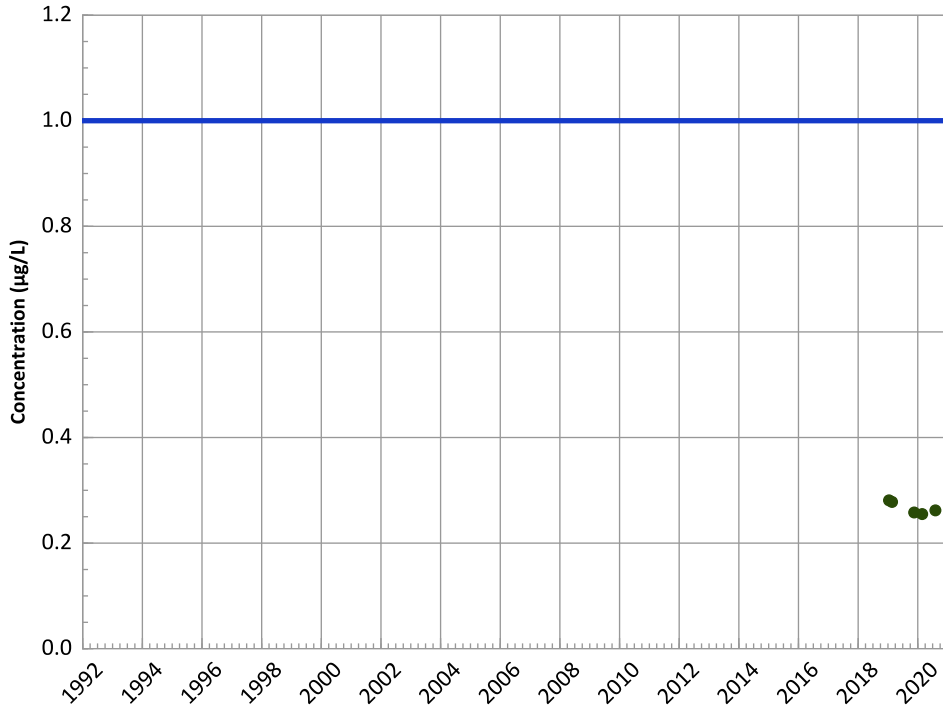
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

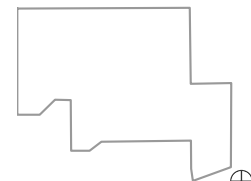
All Data:

All Non-Detect

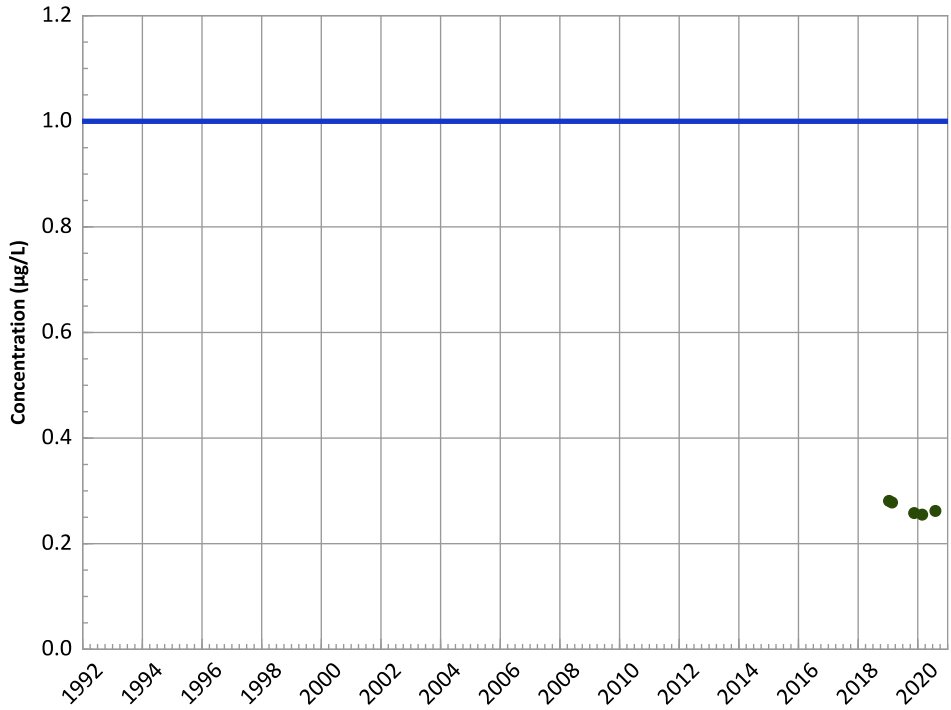
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

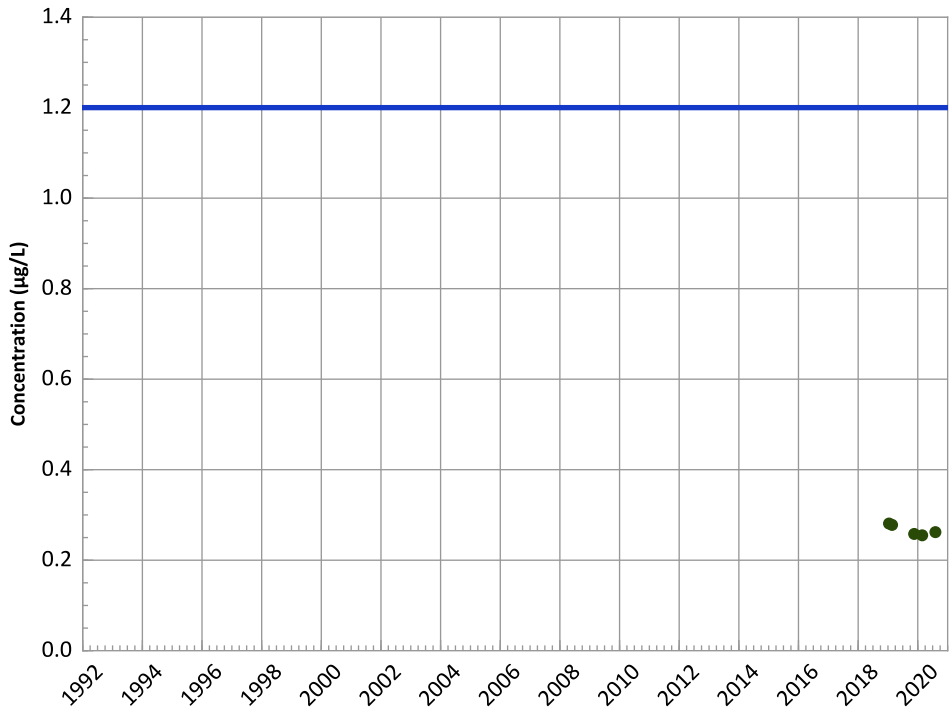
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

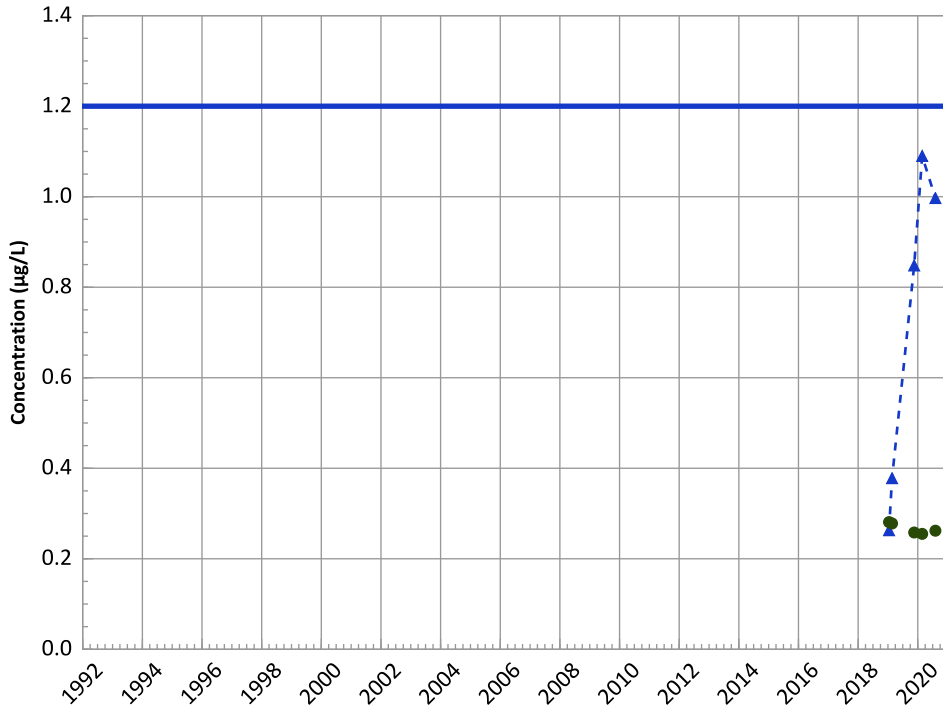
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

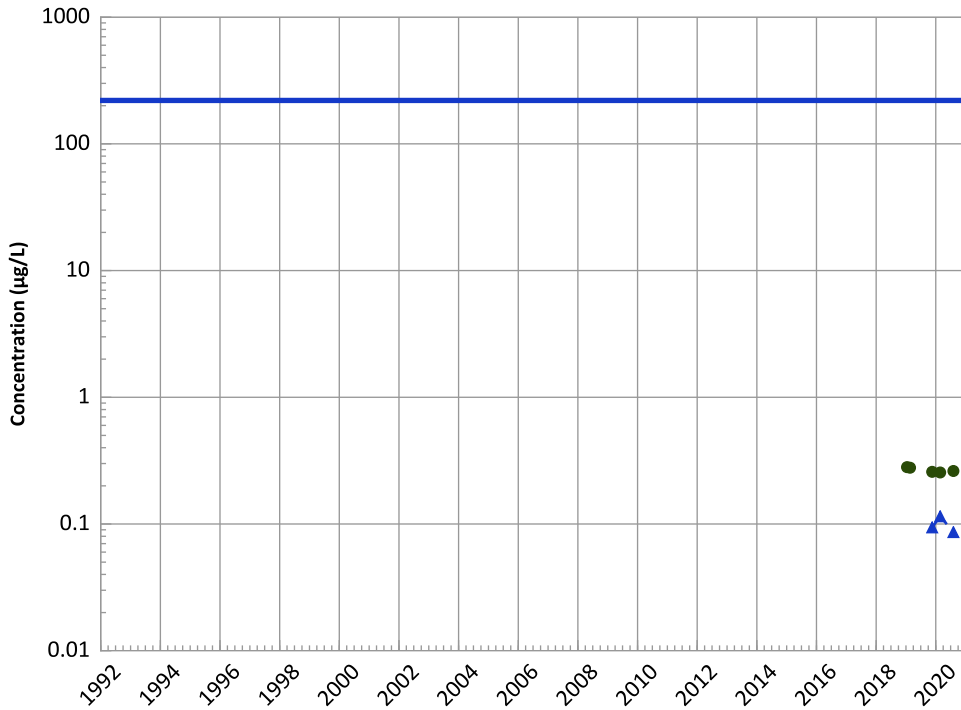
2018 - 2020 Data:

No Trend

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

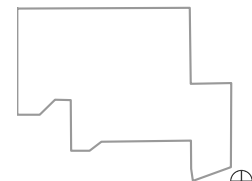
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

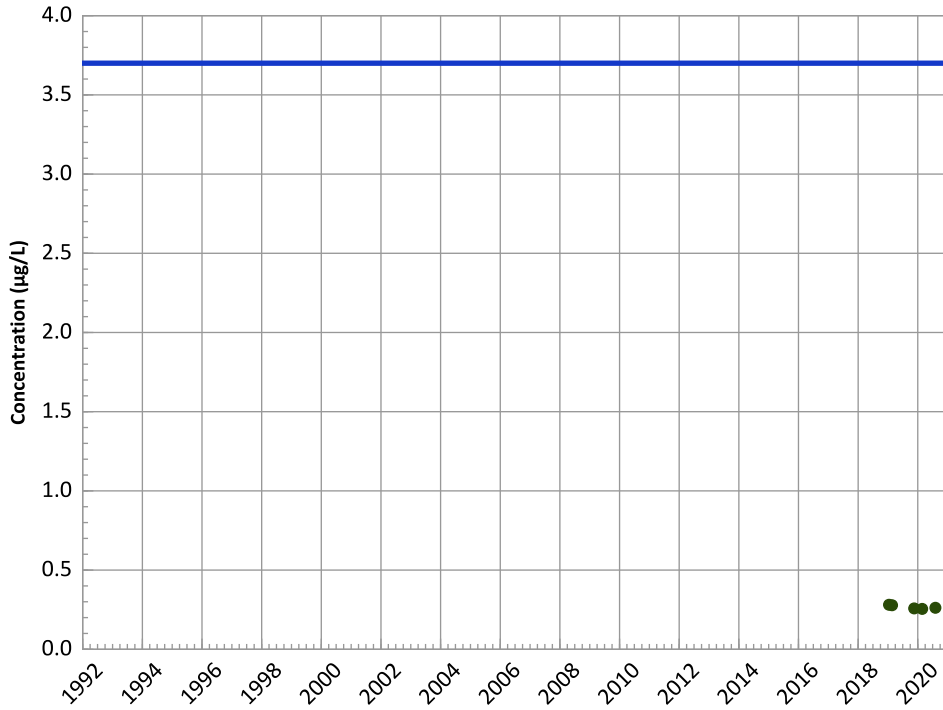
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

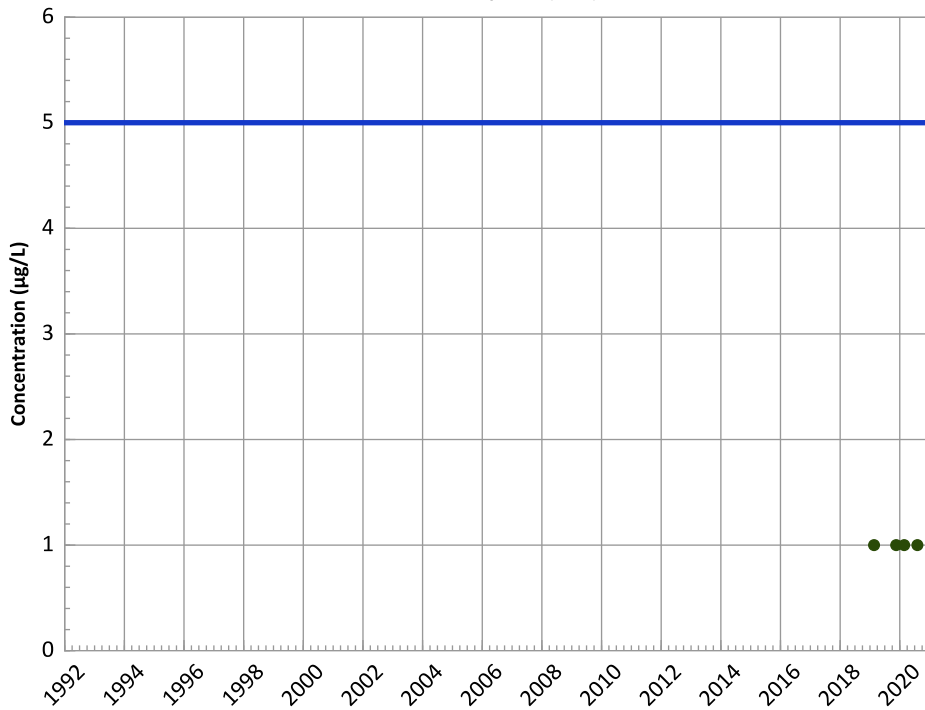
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

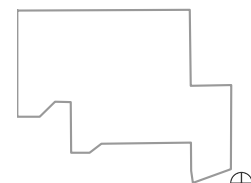
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

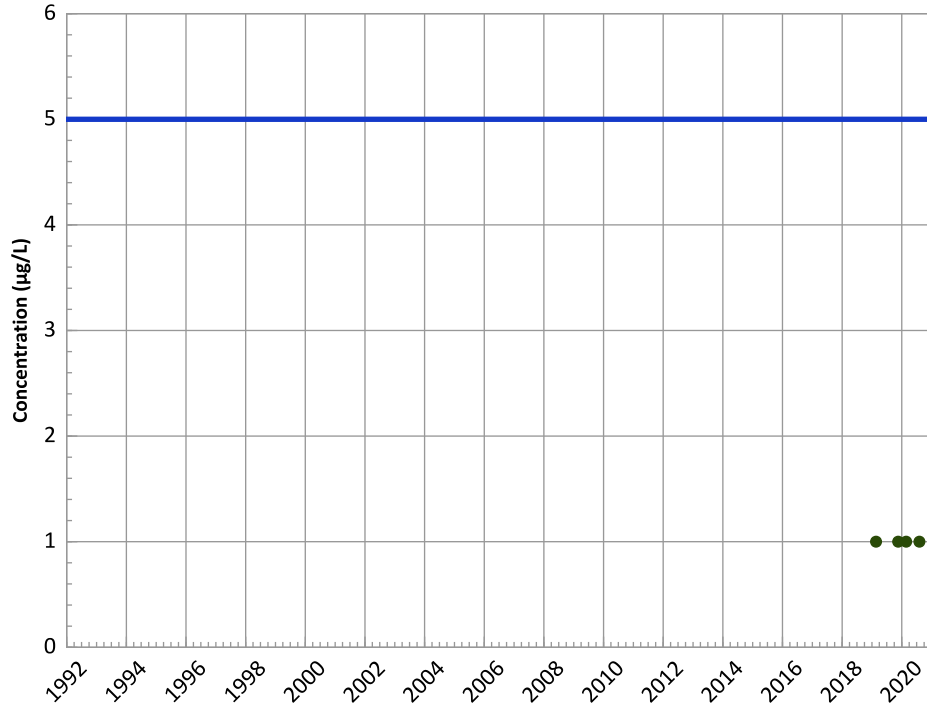
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

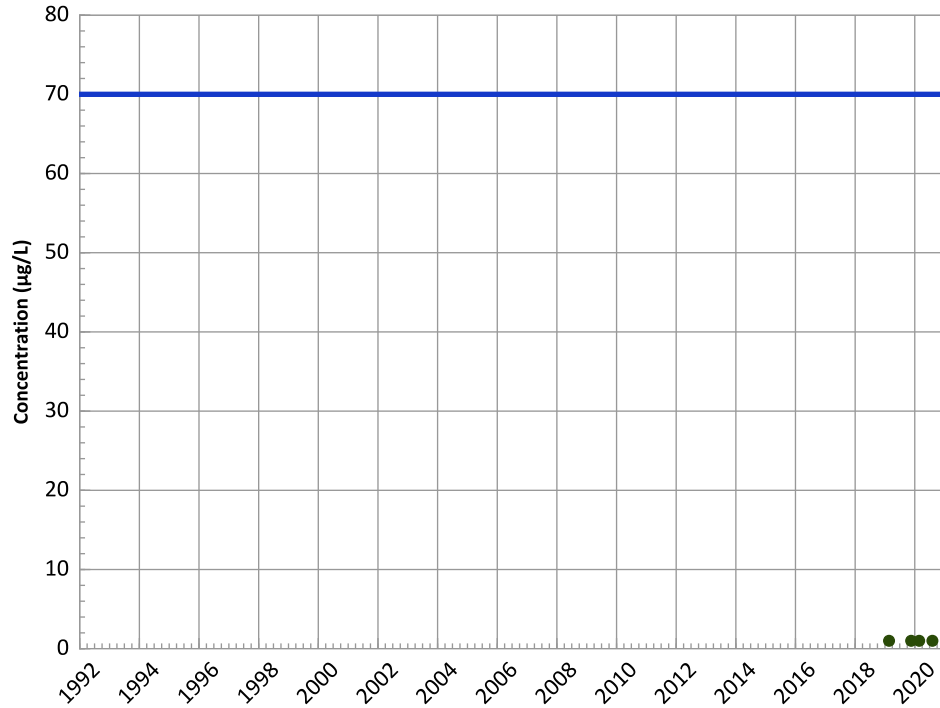
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

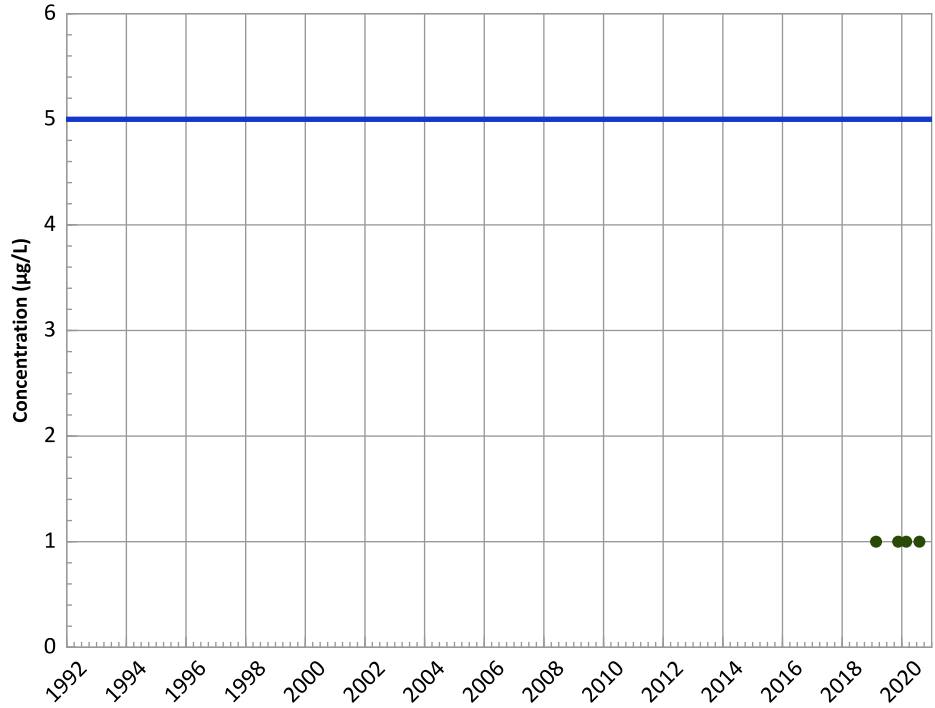
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

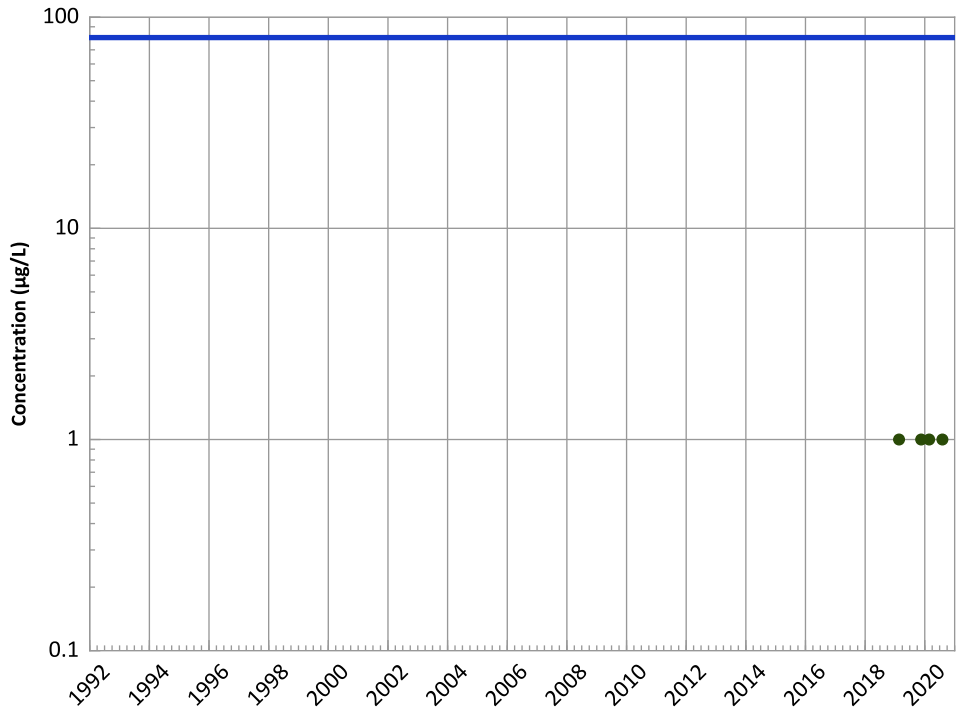
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

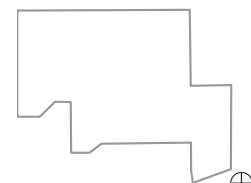
All Data:

All Non-Detect

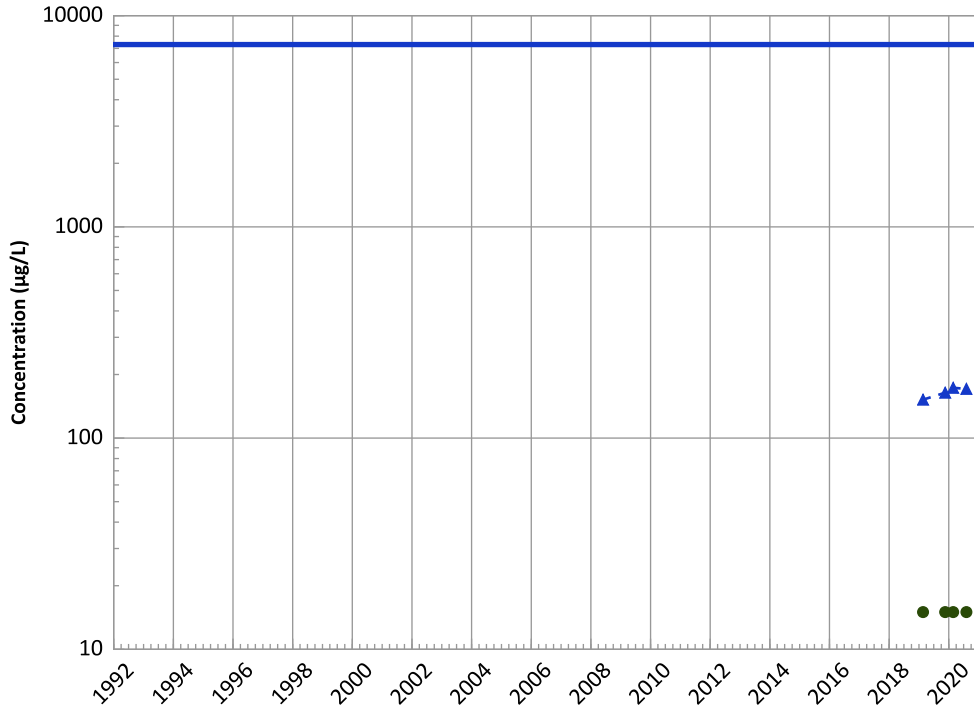
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

All Data:
No Trend

All Data:
No Trend

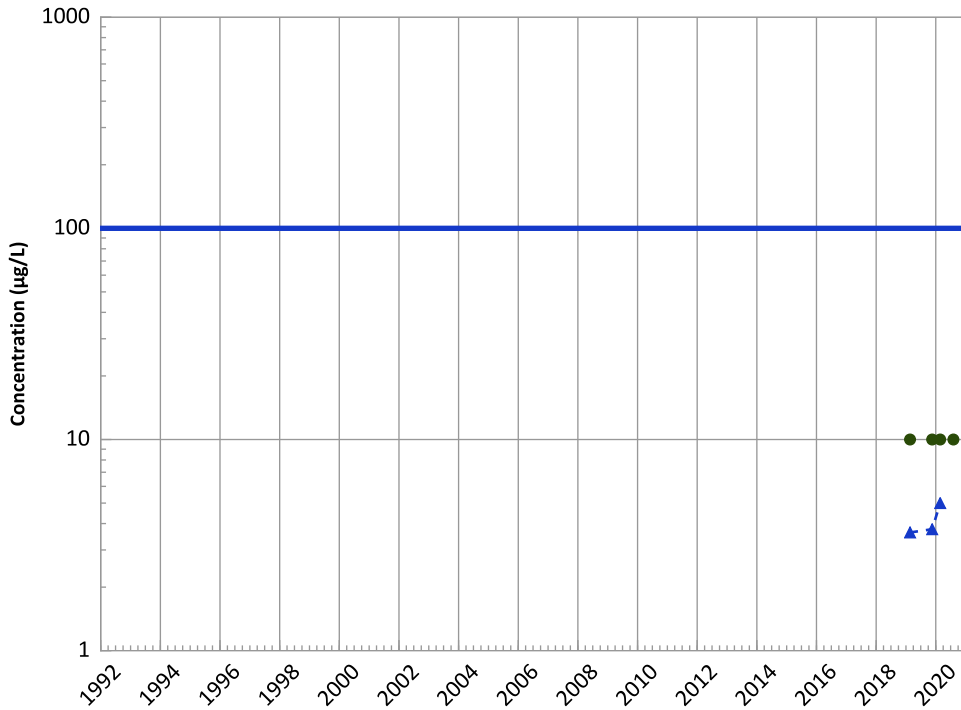
MAROS Linear Regression Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

All Data:
Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Well Location

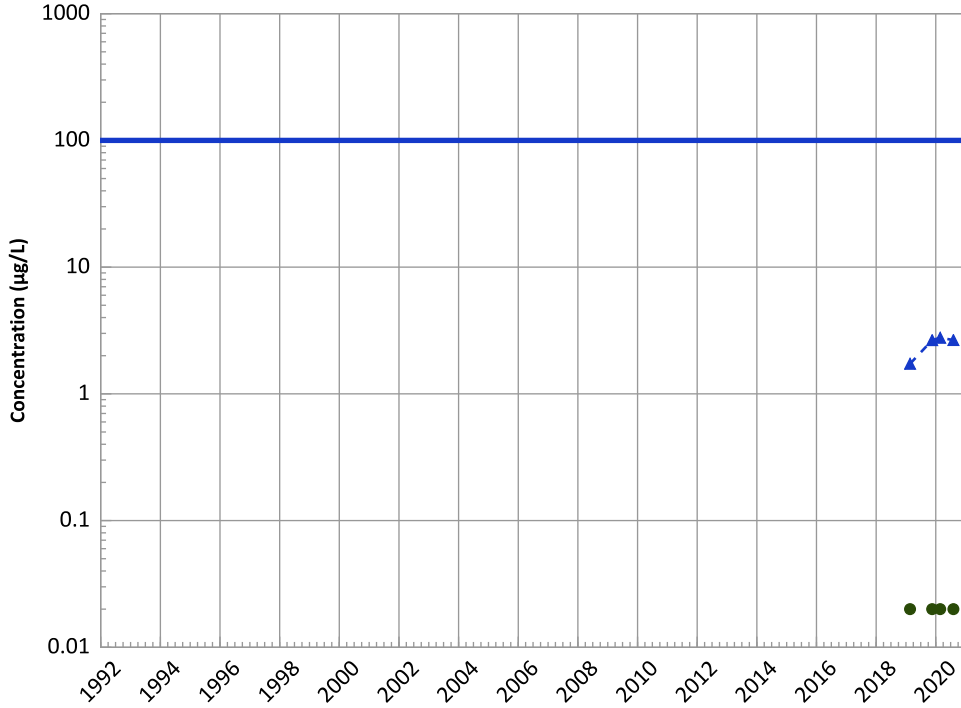


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

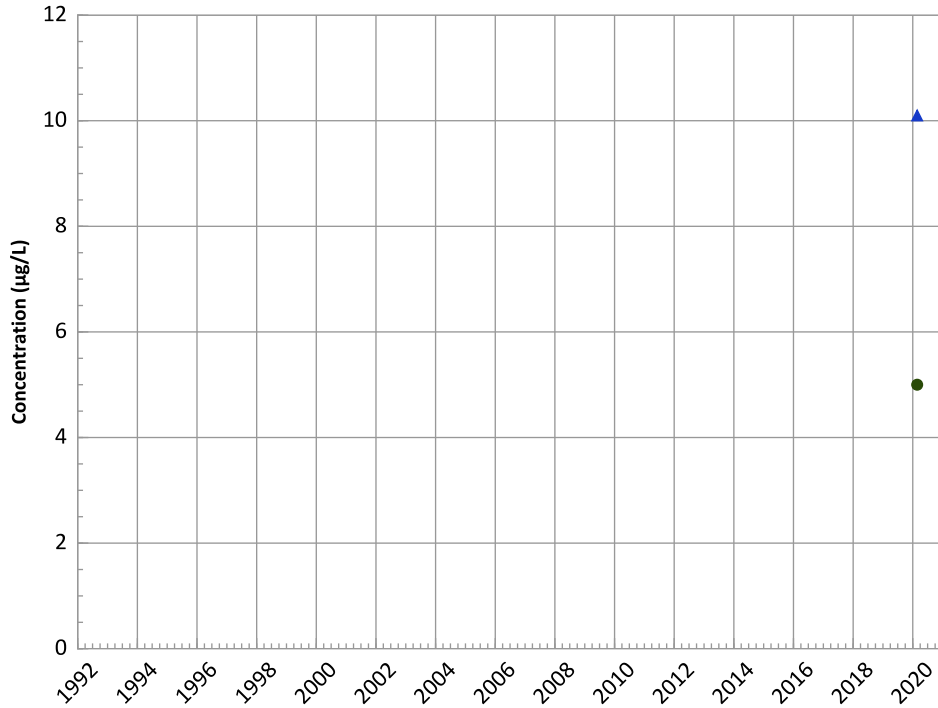
2018 - 2020 Data:

Probably Increasing

All Data:

Probably Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

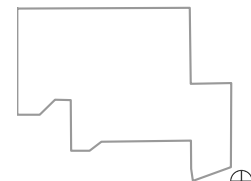
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

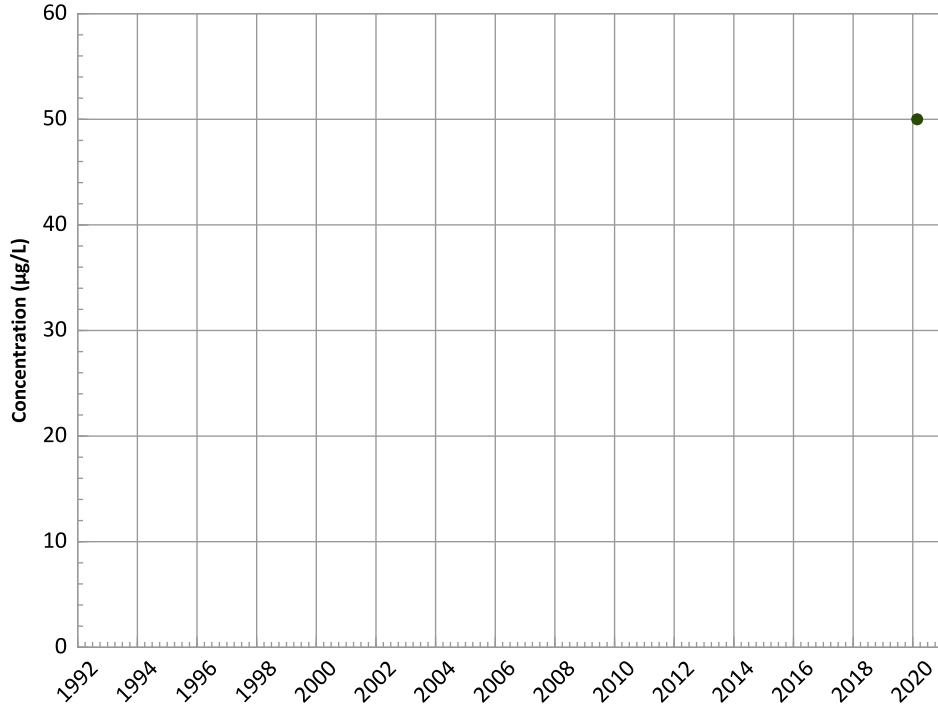


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

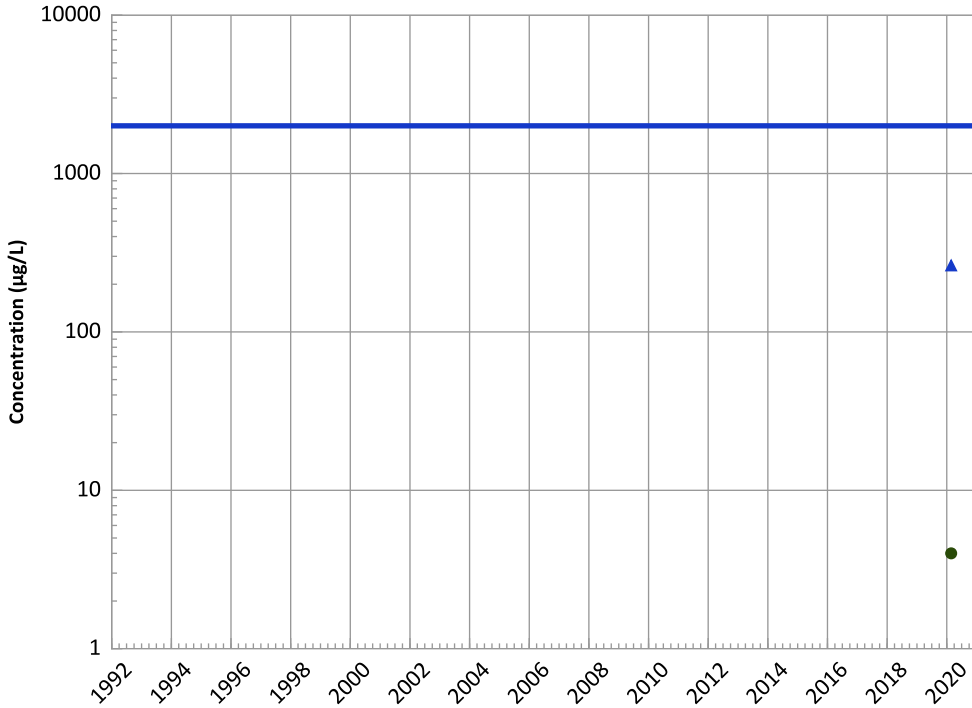


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend

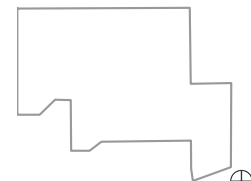


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

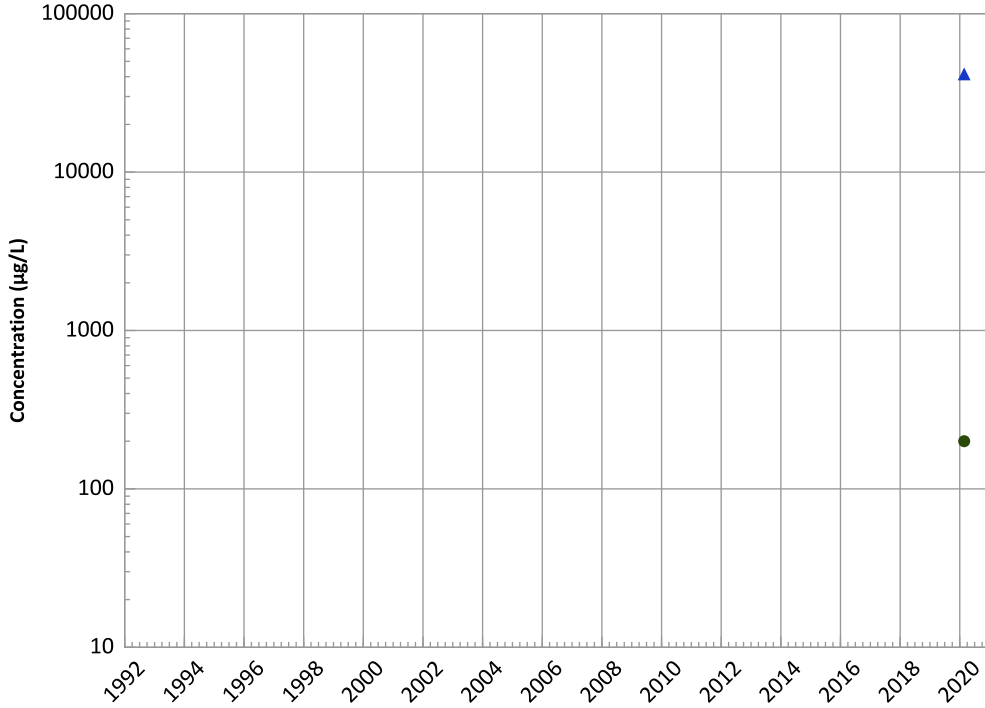


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

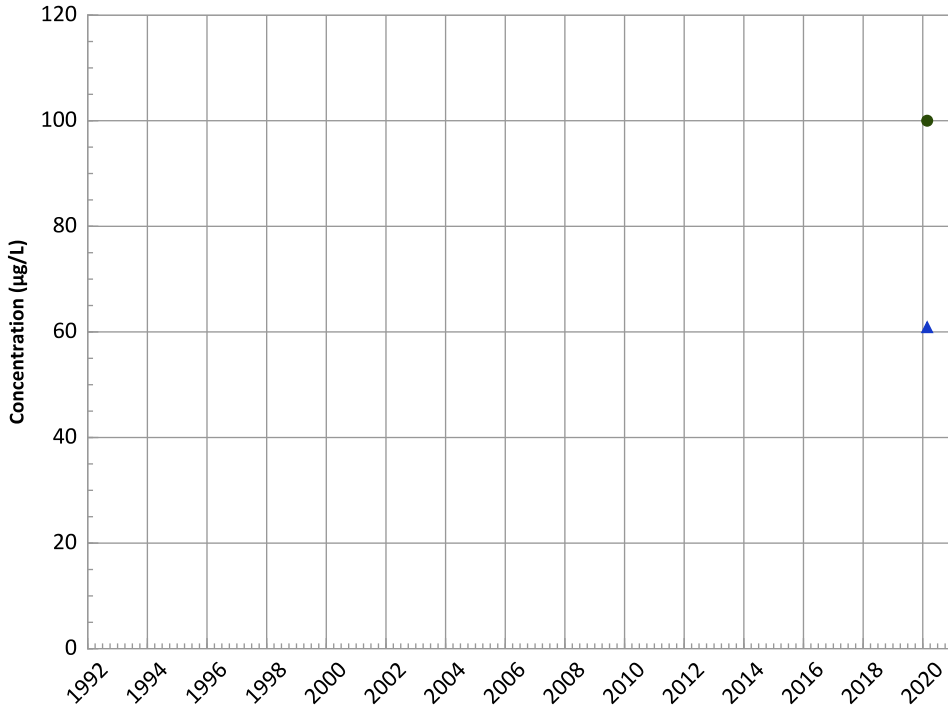


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

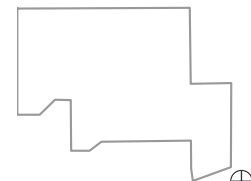
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

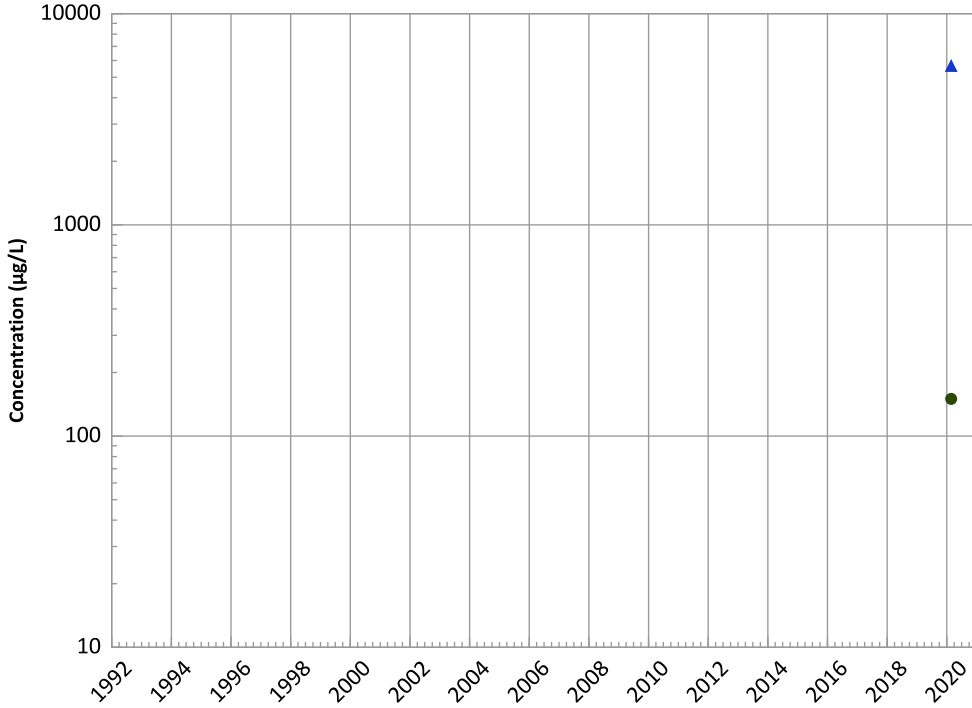
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

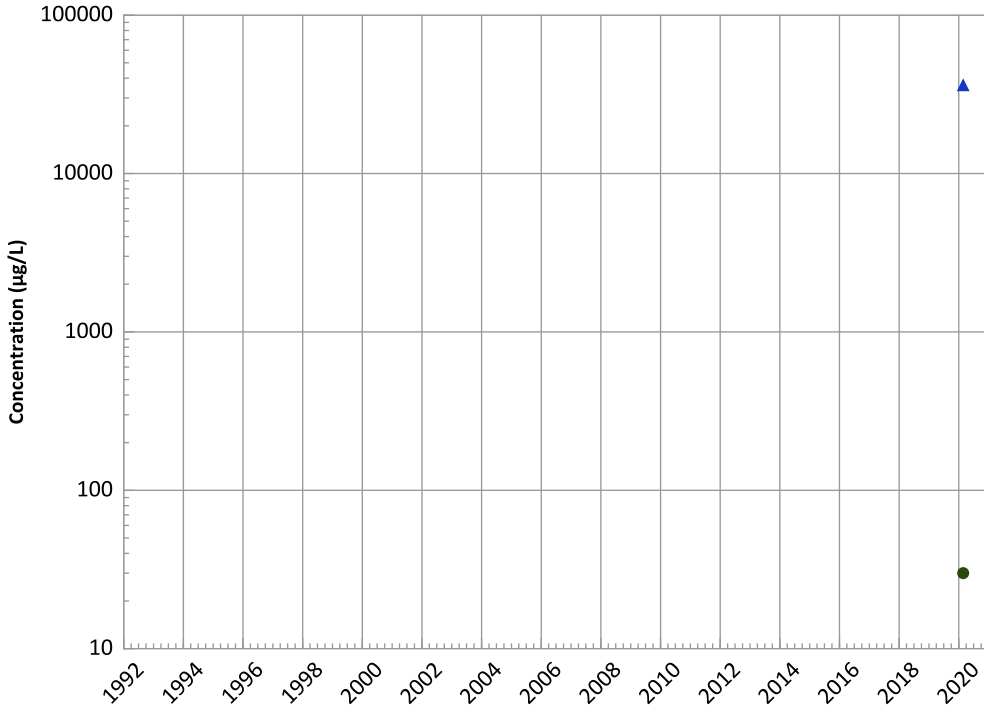
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

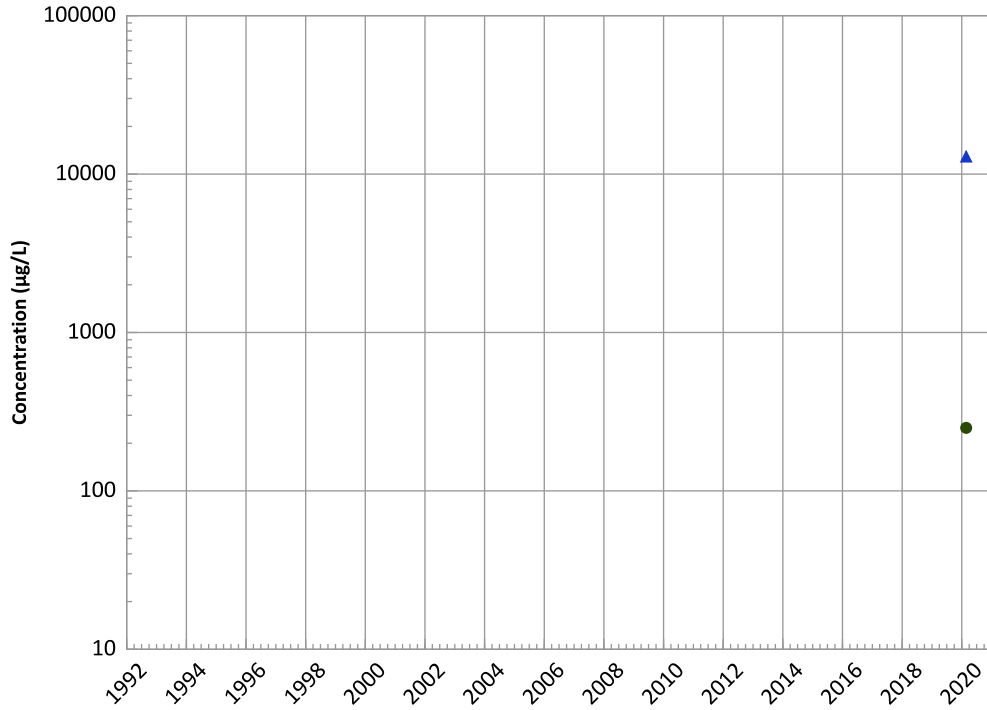
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/14/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

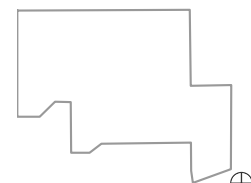
2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

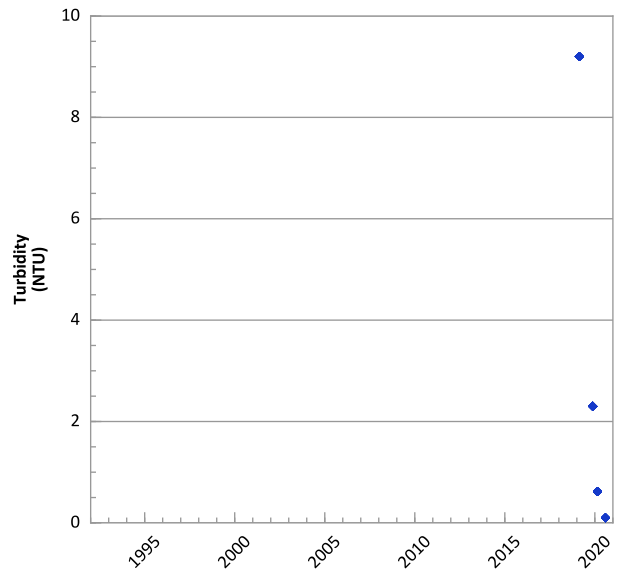
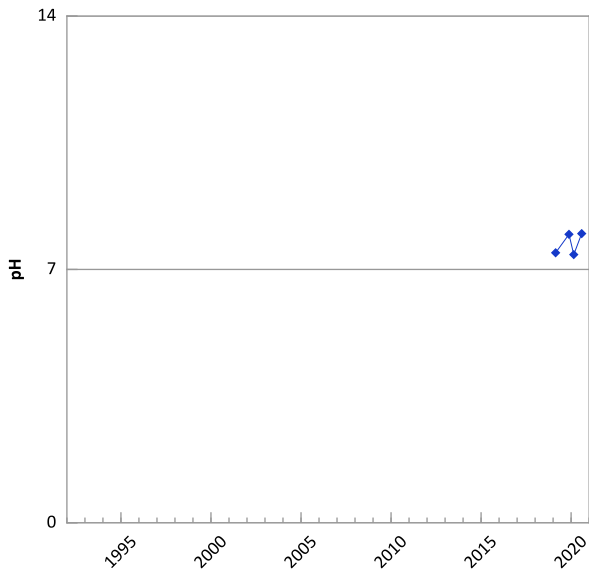
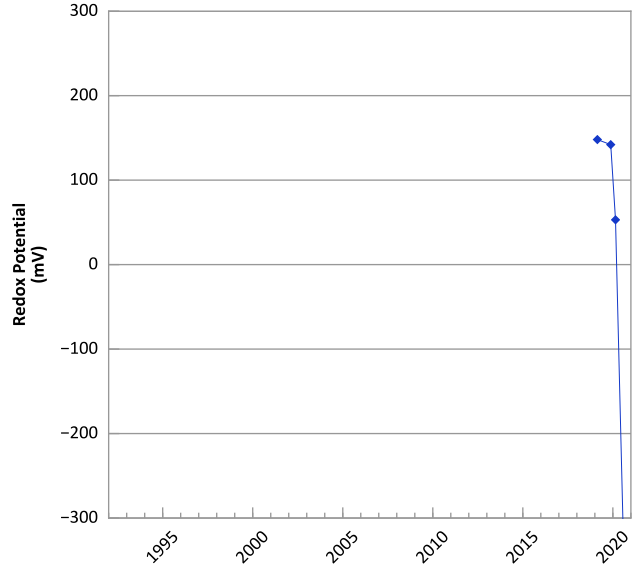
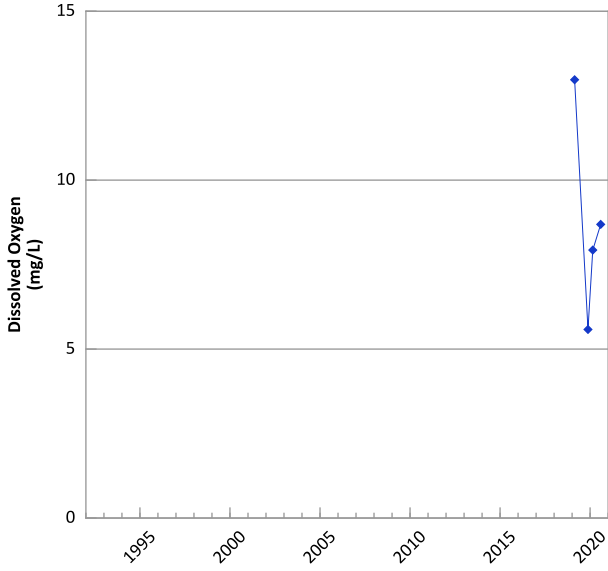
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/14/2019 to 08/04/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

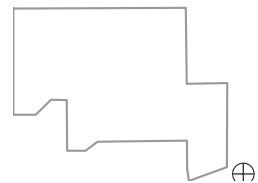


**PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



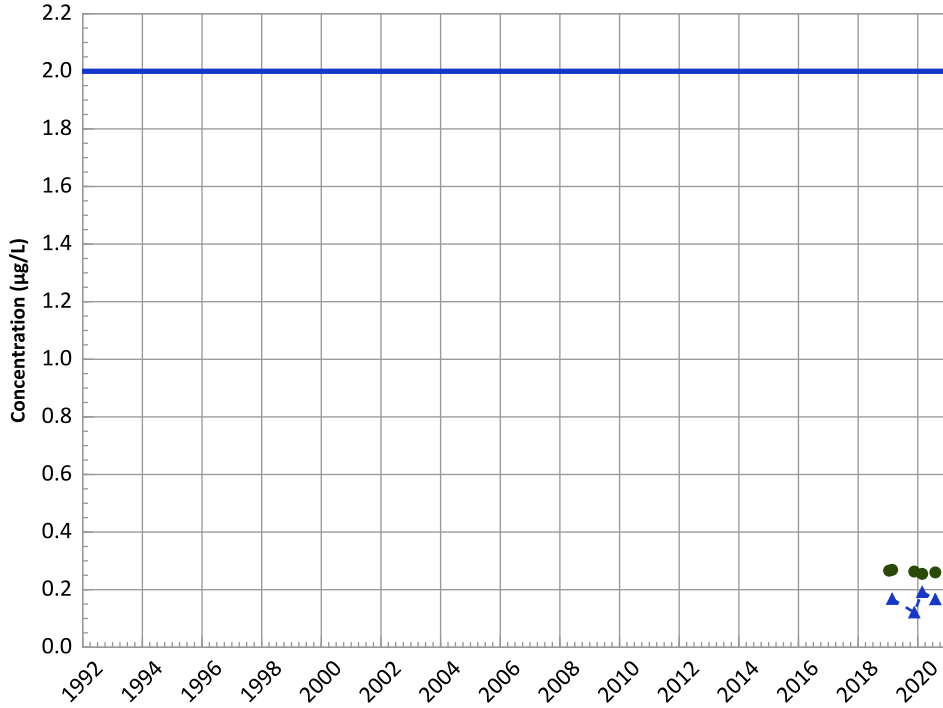
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/15/2019 to 08/03/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

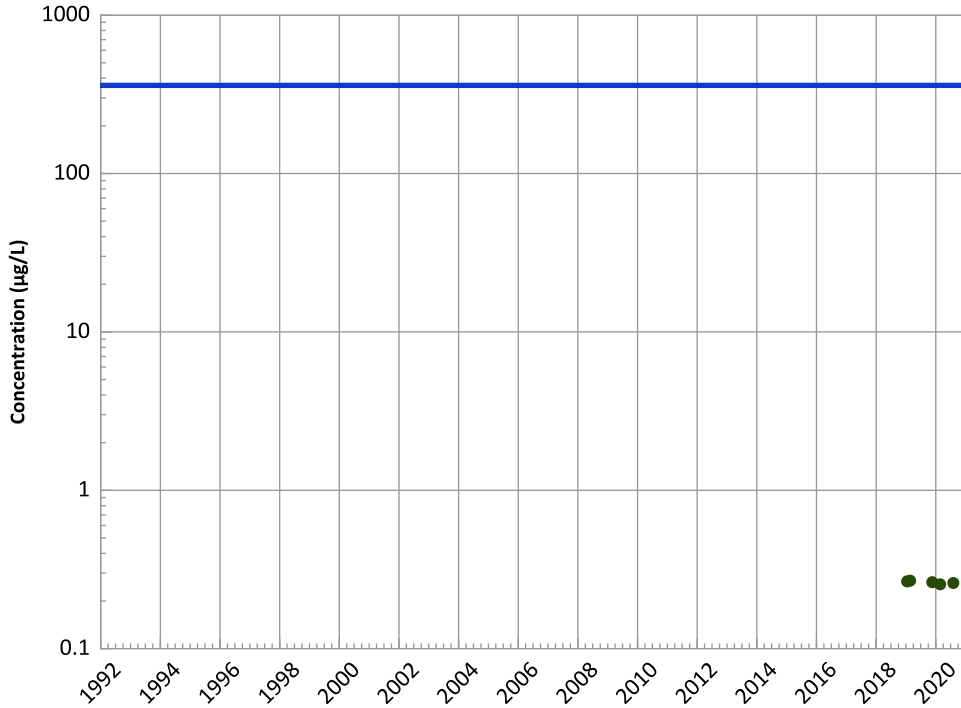


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

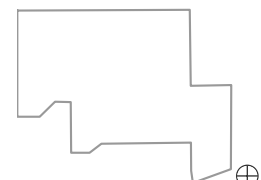
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

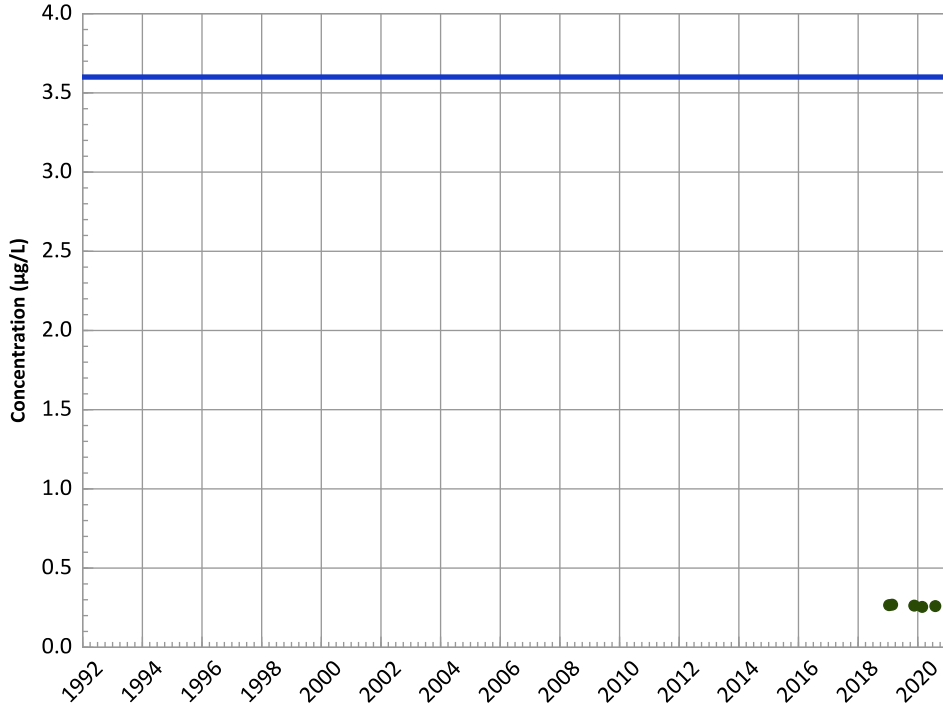
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

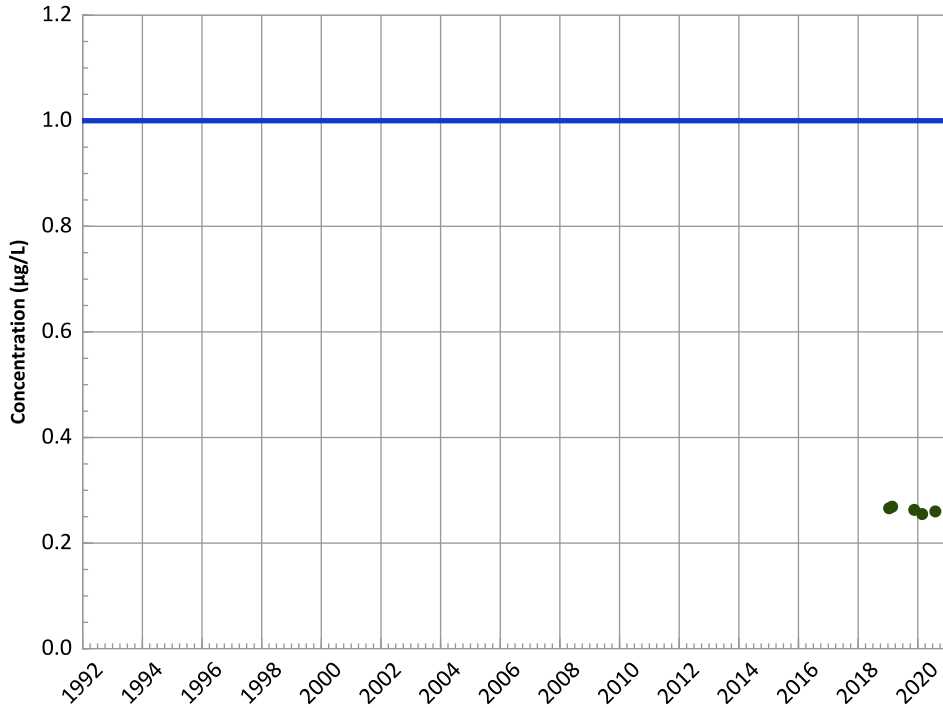
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

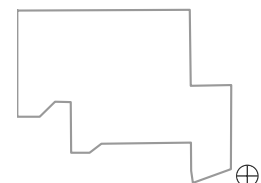
All Data:

All Non-Detect

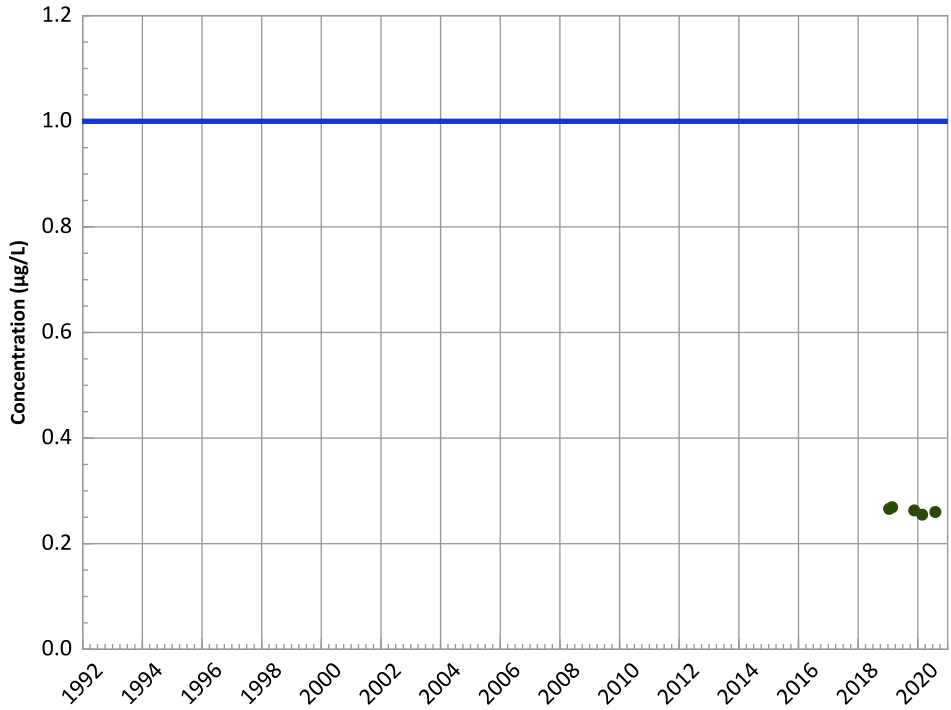
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ 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**

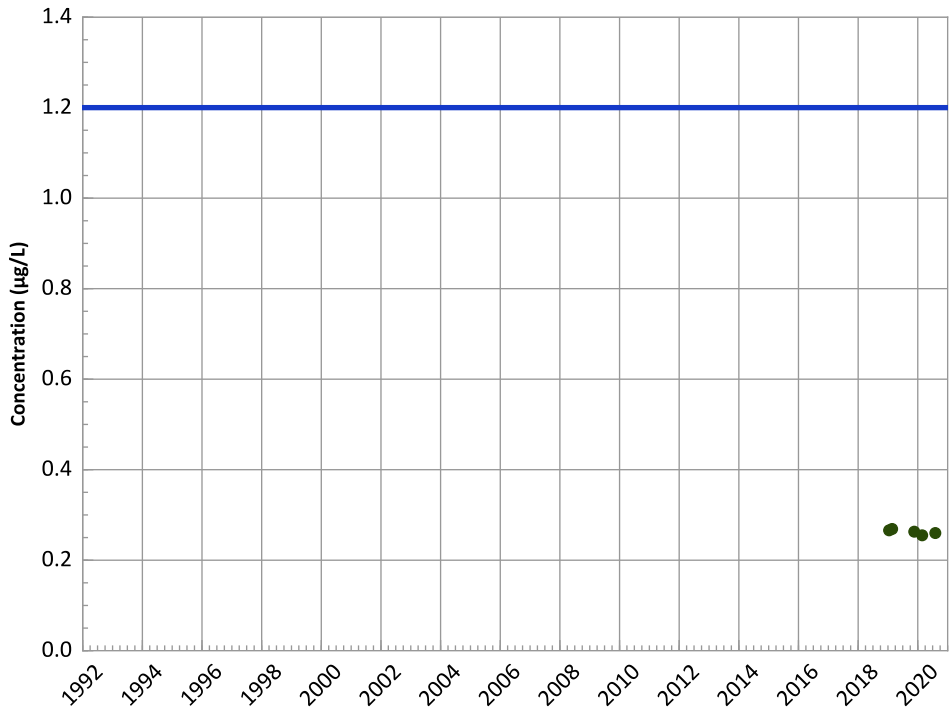


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

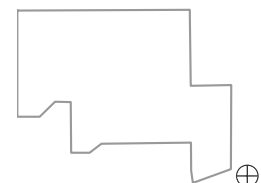


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

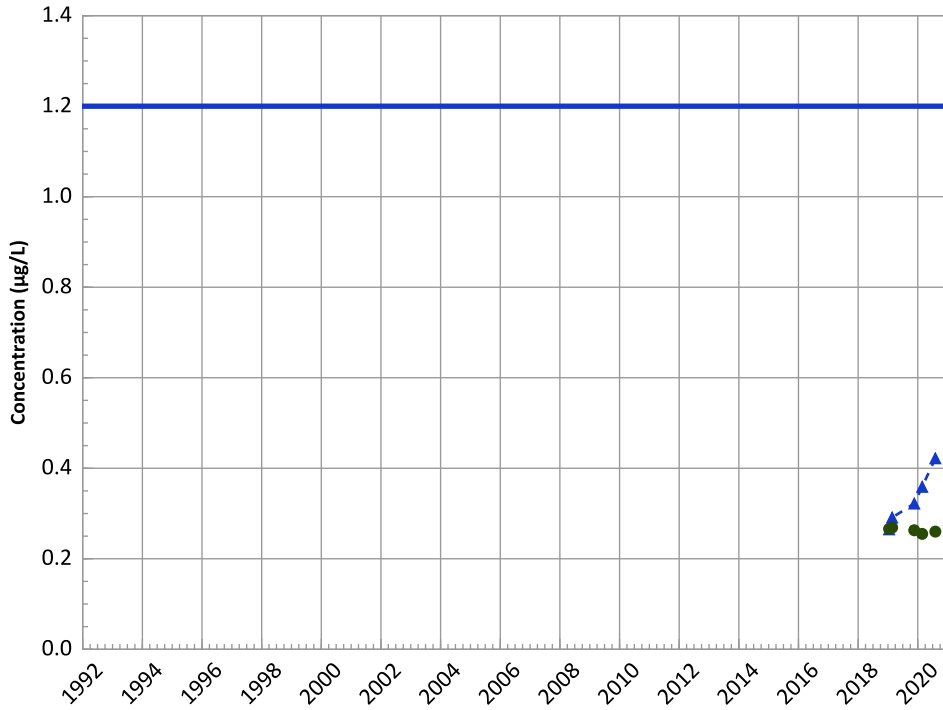


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

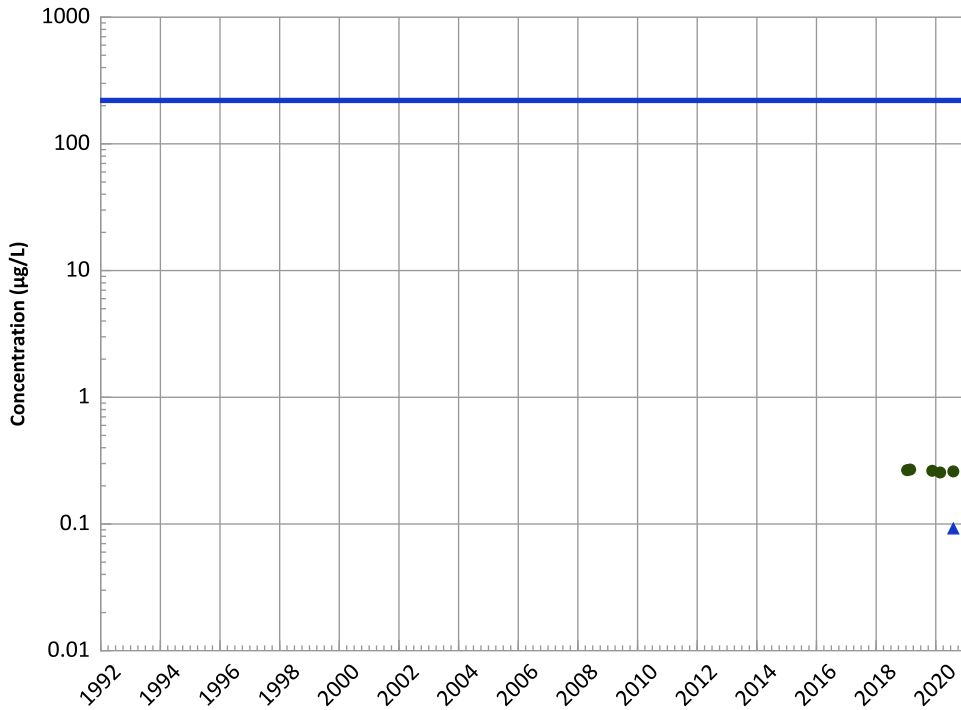
2018 - 2020 Data:

Increasing

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

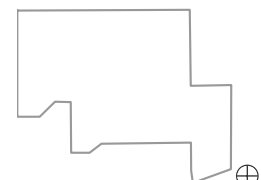
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

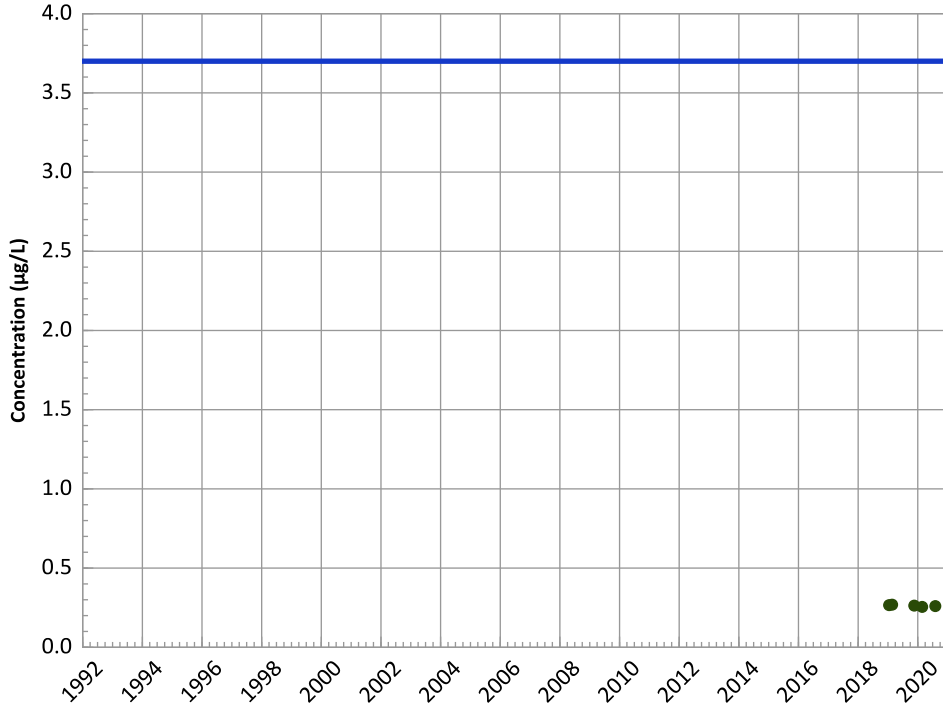


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

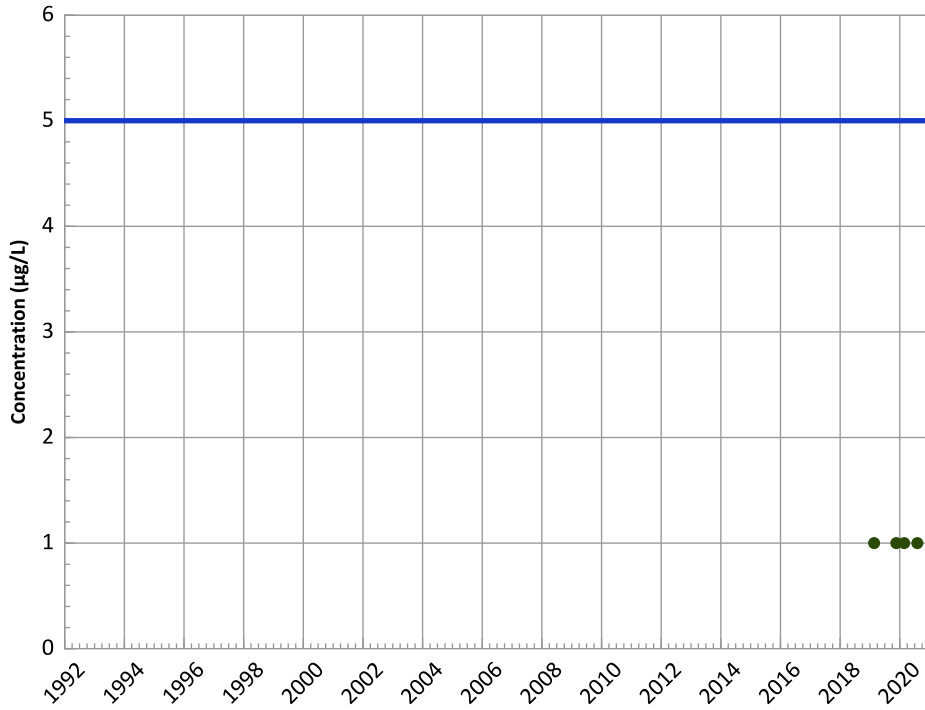
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

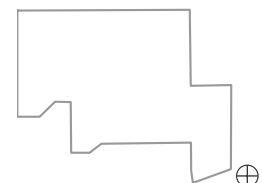
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

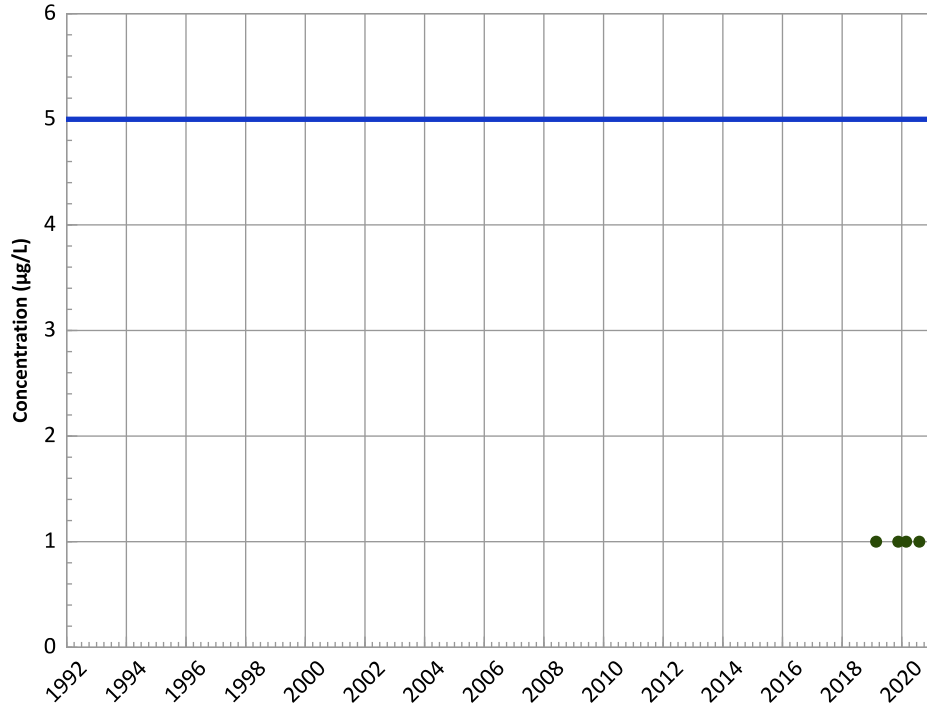
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

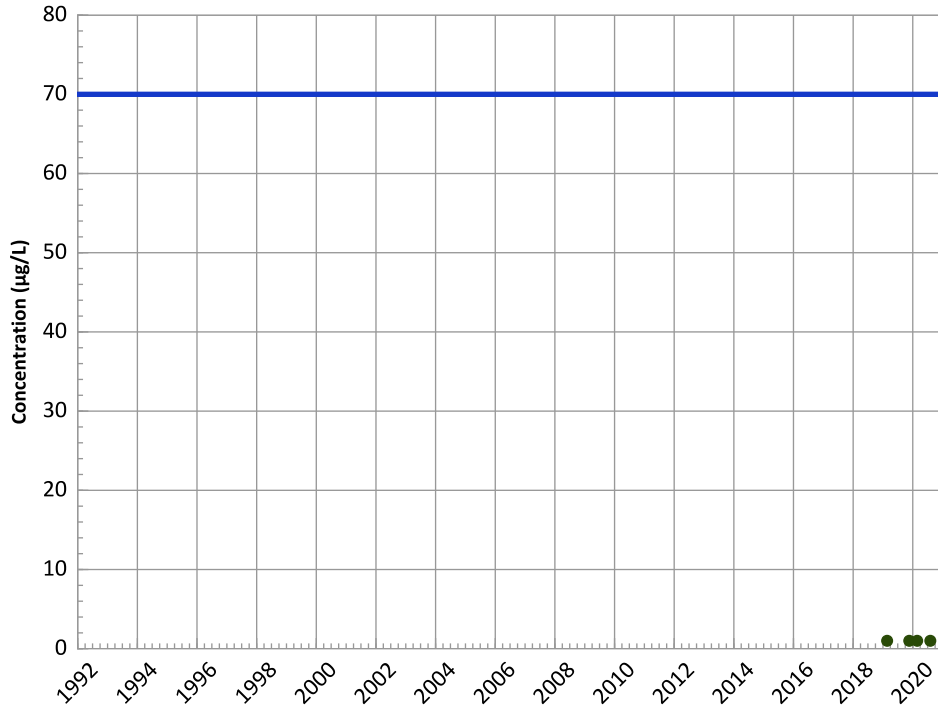
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

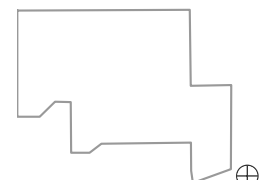
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

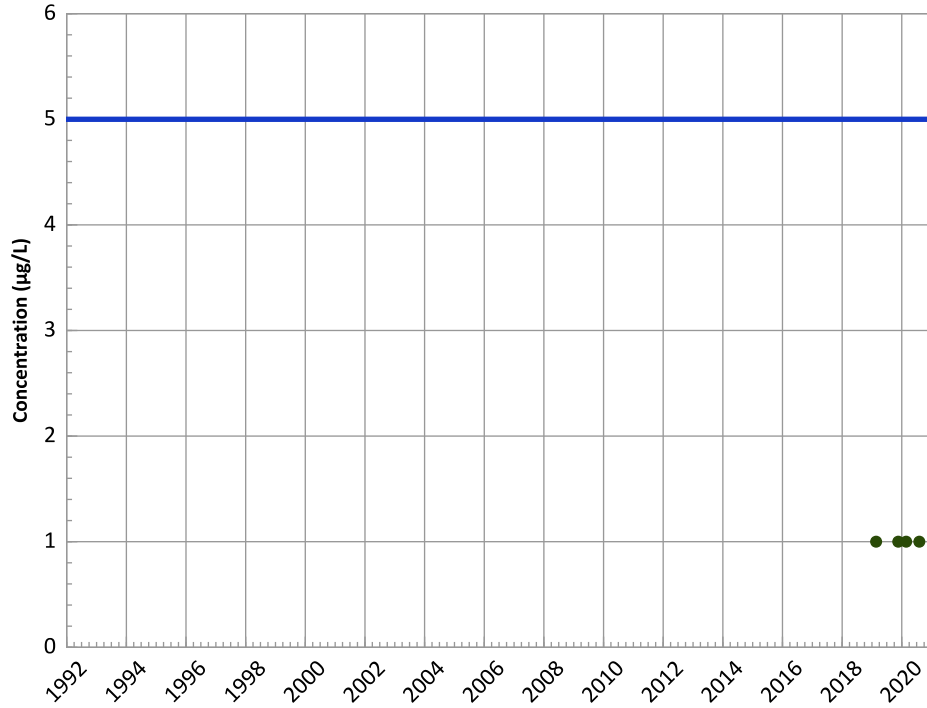
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

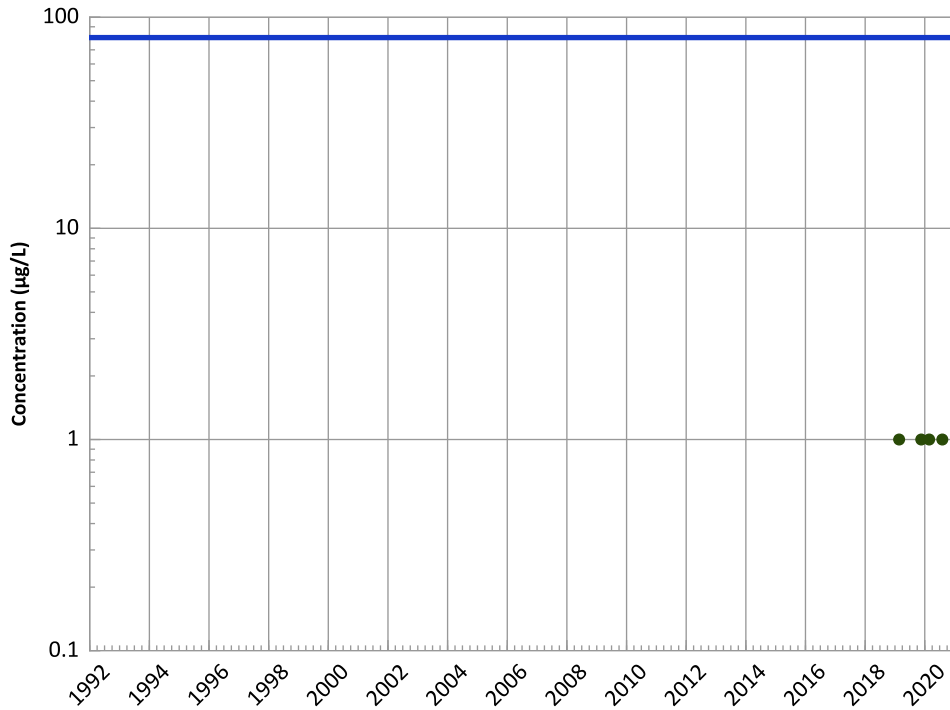
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

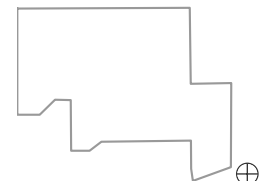
All Data:

All Non-Detect

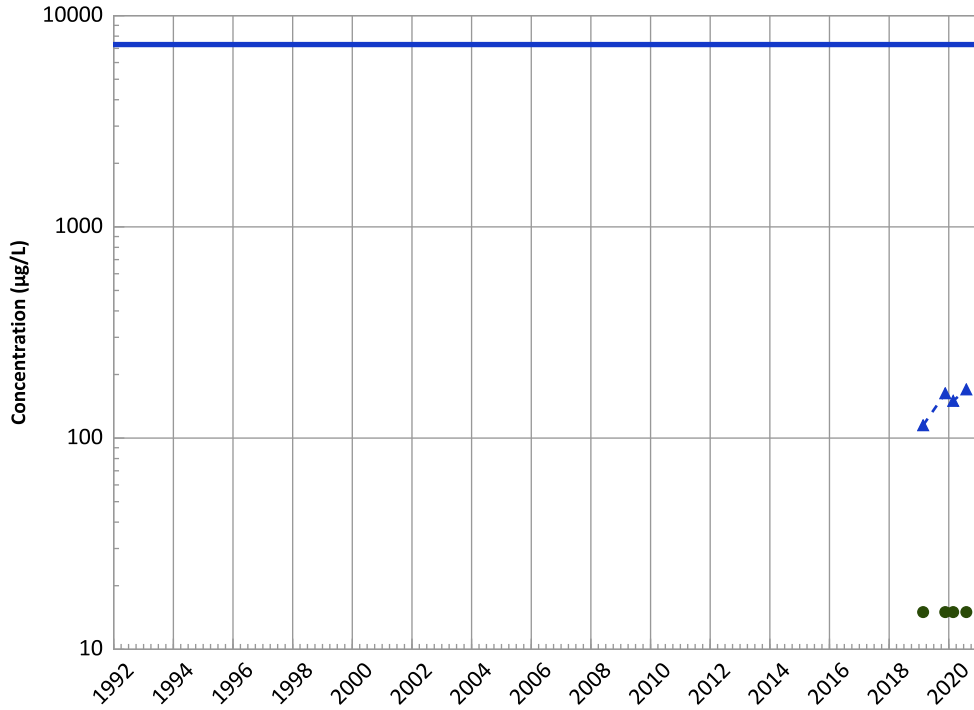
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

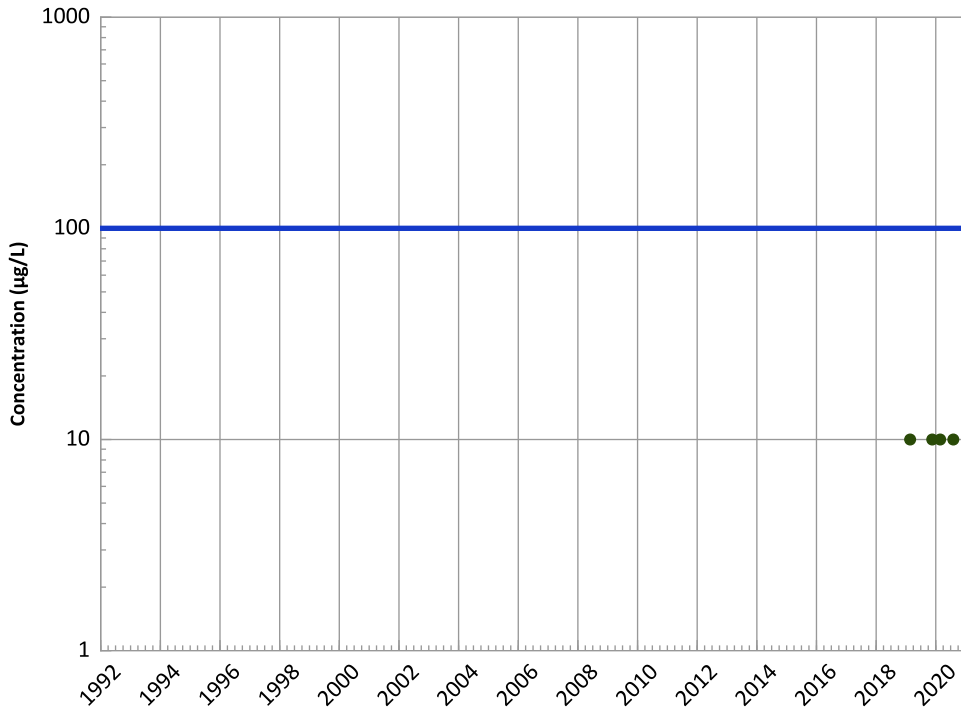


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

Chromium, Total Trend

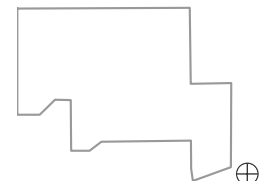


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

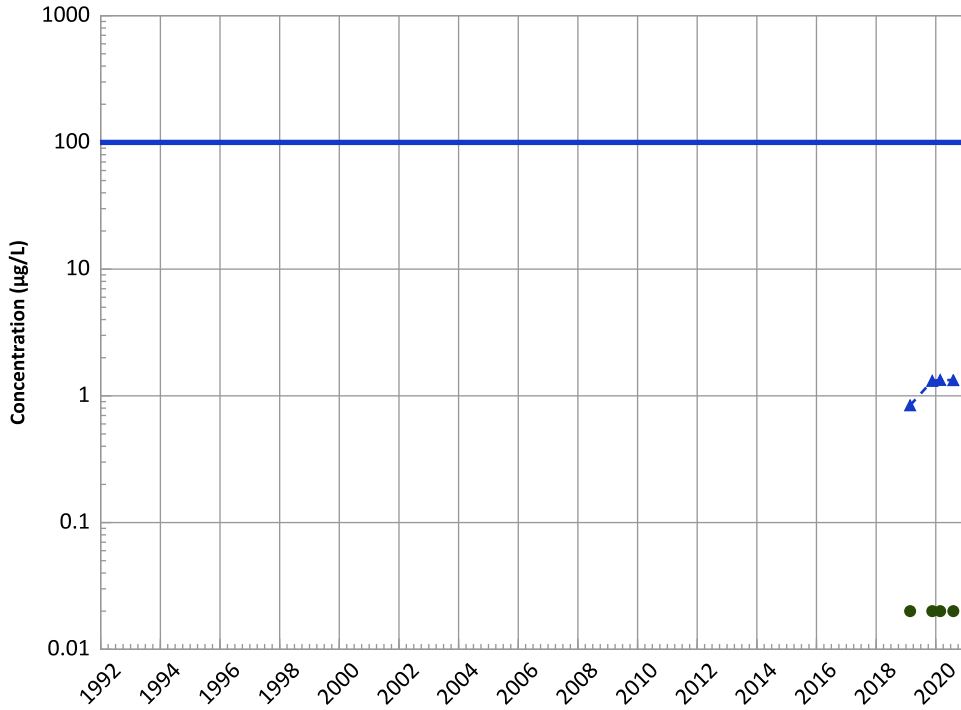


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

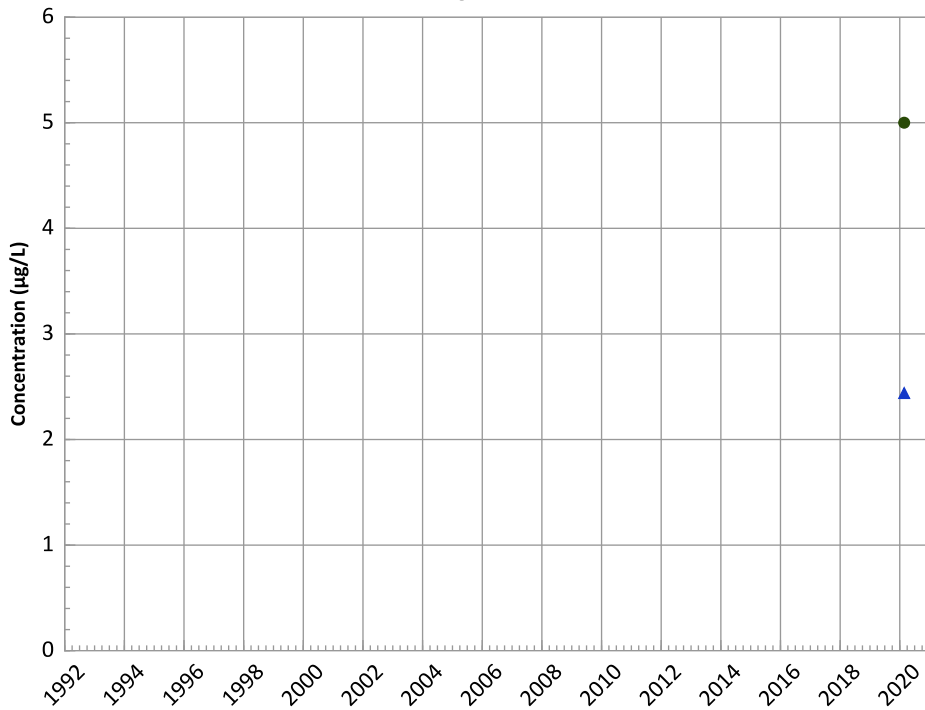
2018 - 2020 Data:

Probably Increasing

All Data:

Probably Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

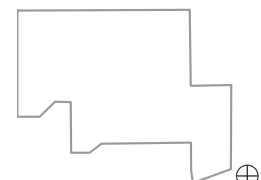
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

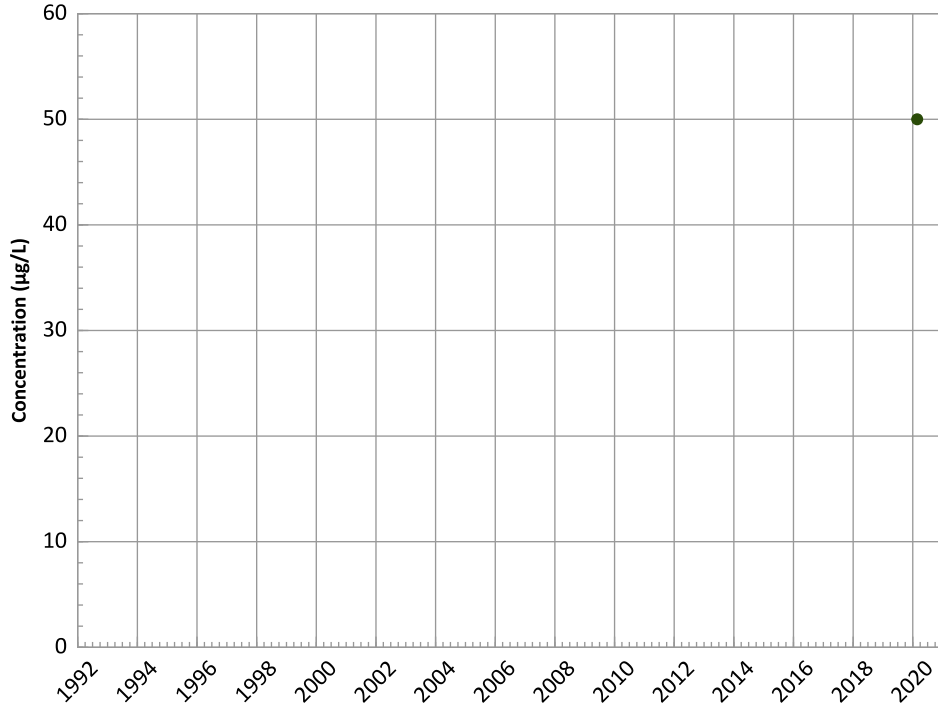


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

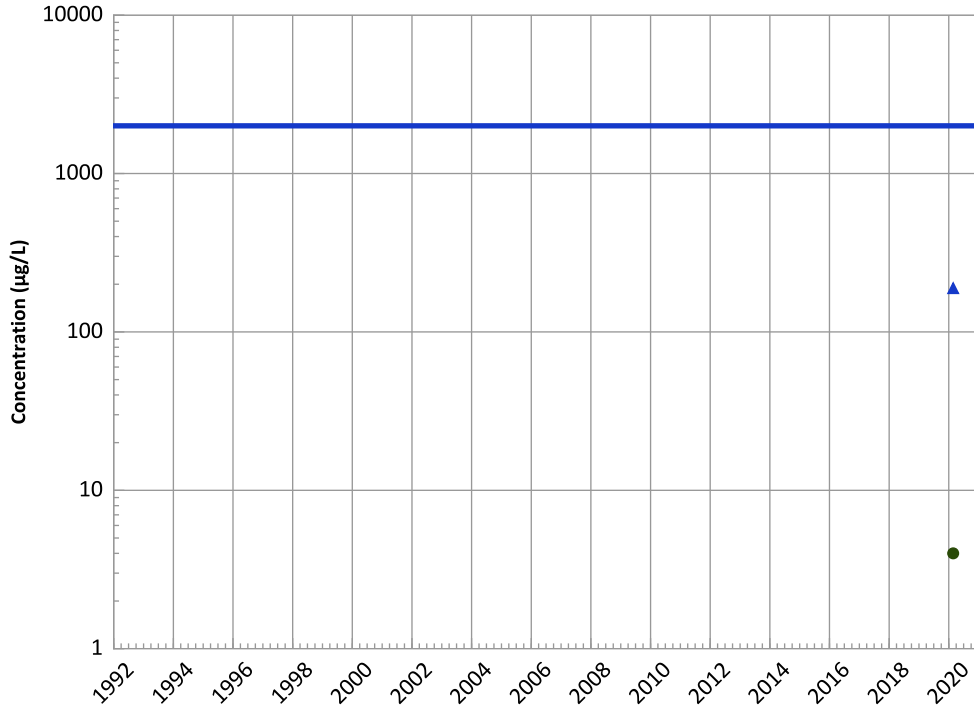
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

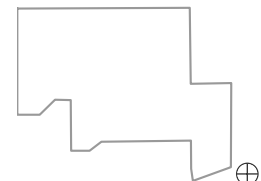
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 01/15/2019 to 08/03/2020

Analysis Date: 06/03/2021

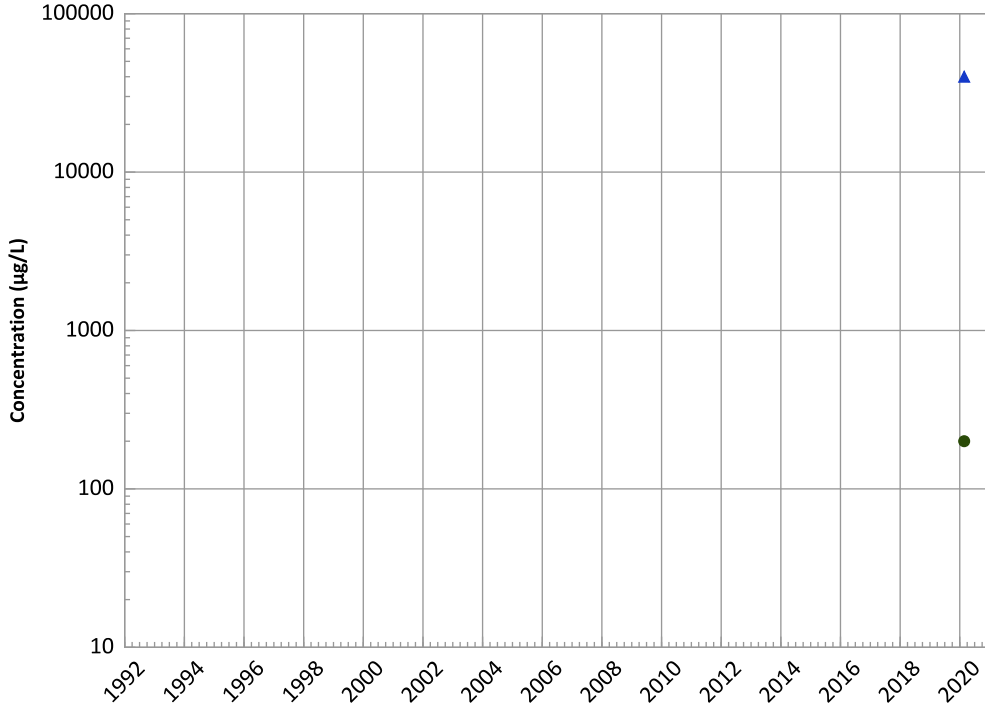
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

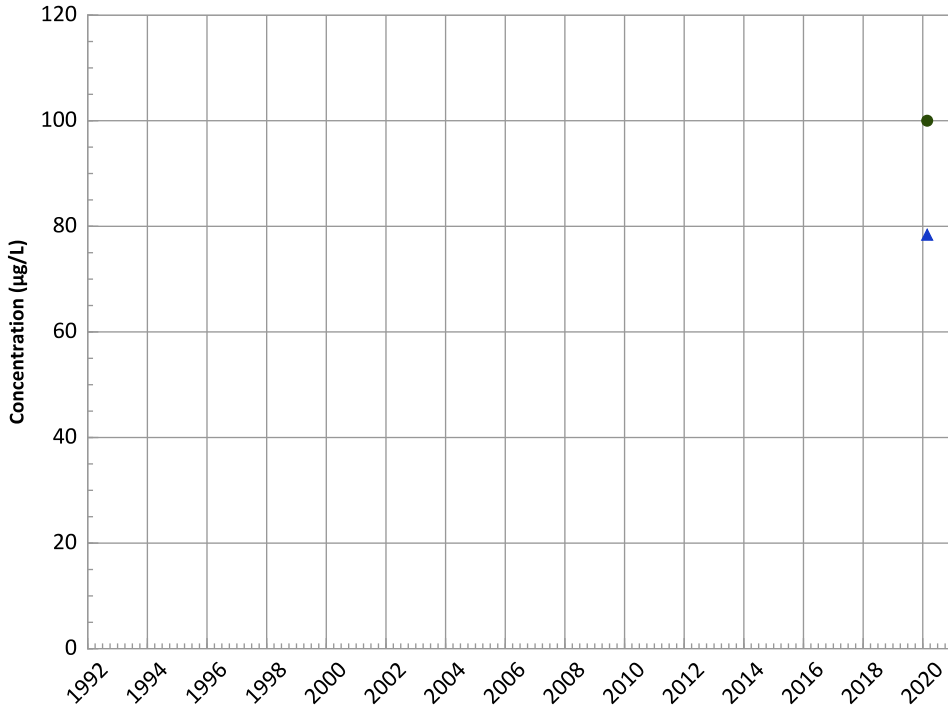
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

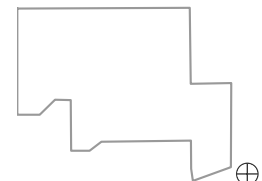
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

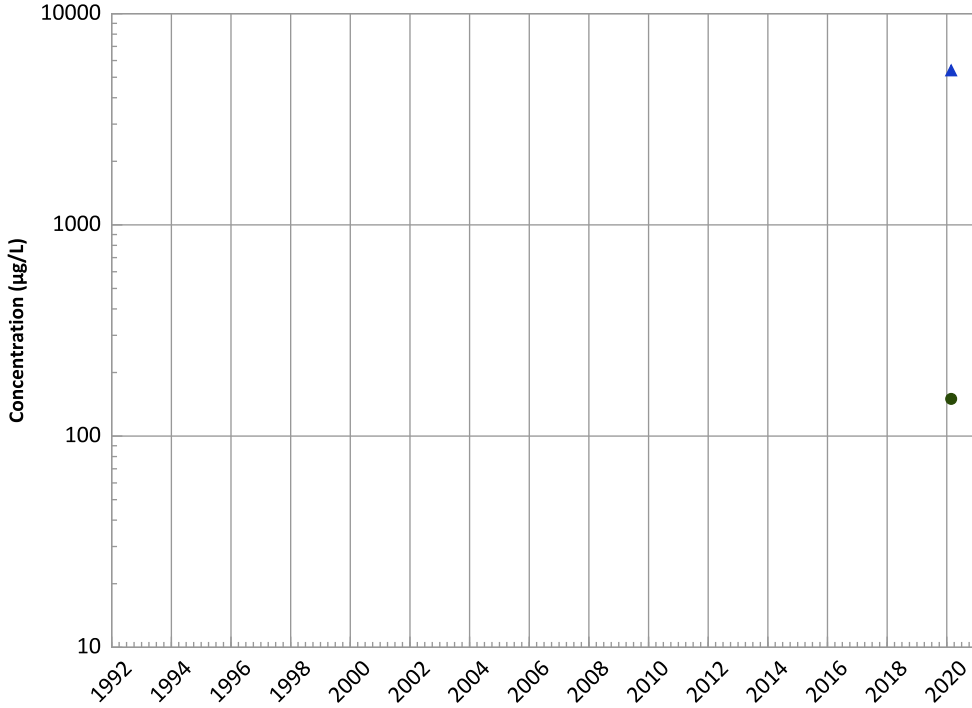


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/15/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

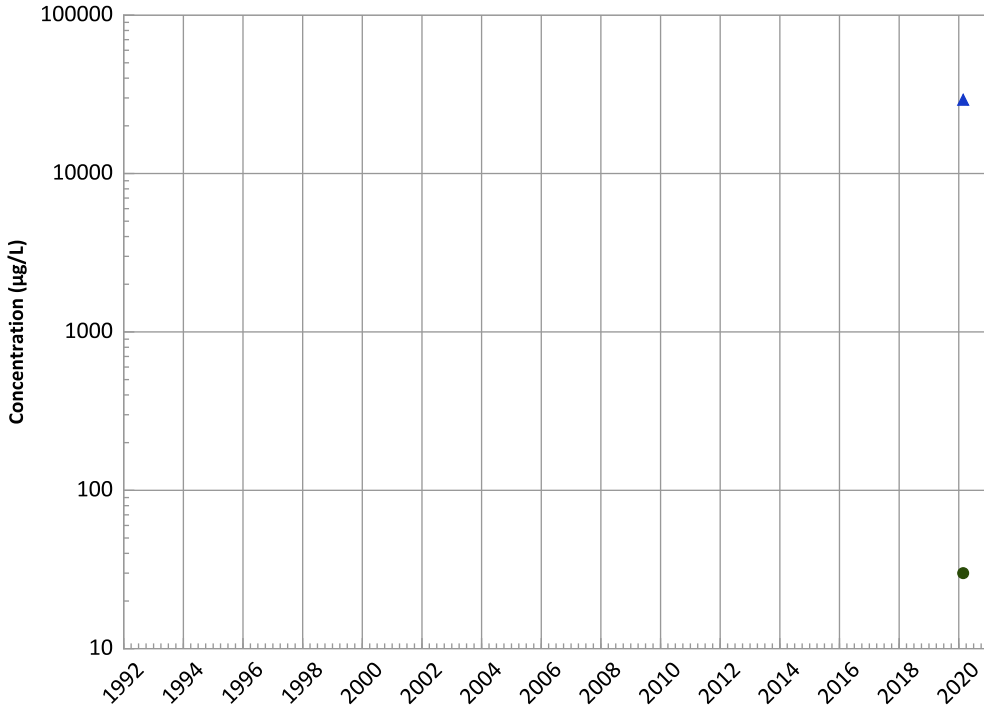
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

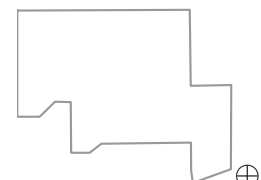
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 01/15/2019 to 08/03/2020

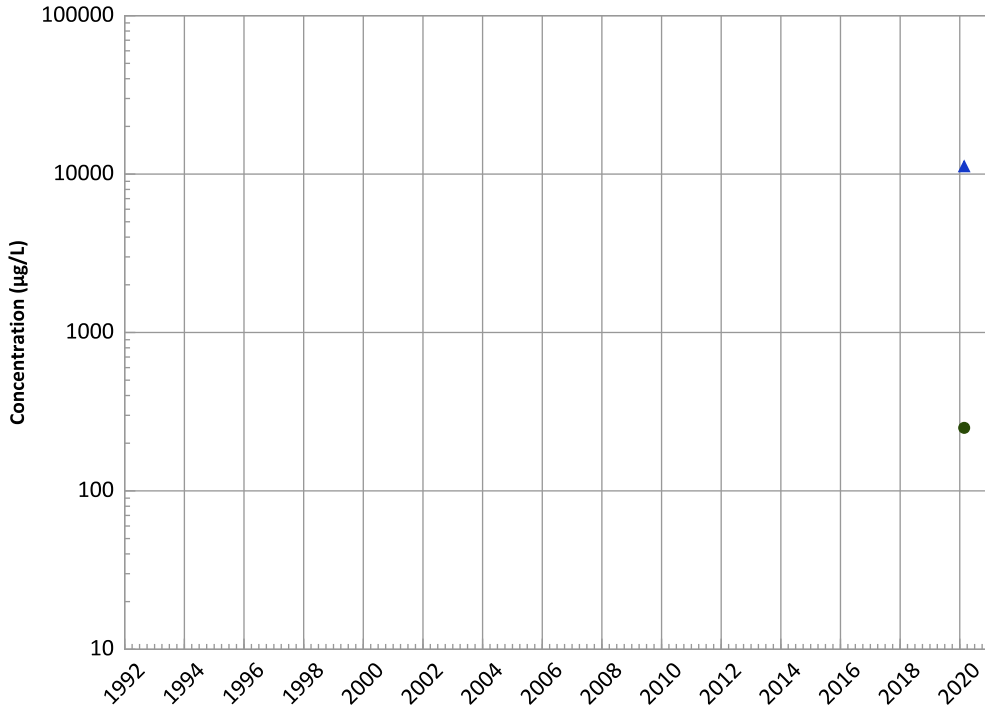
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

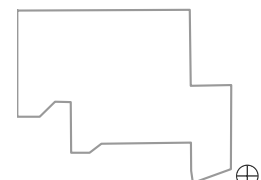
2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

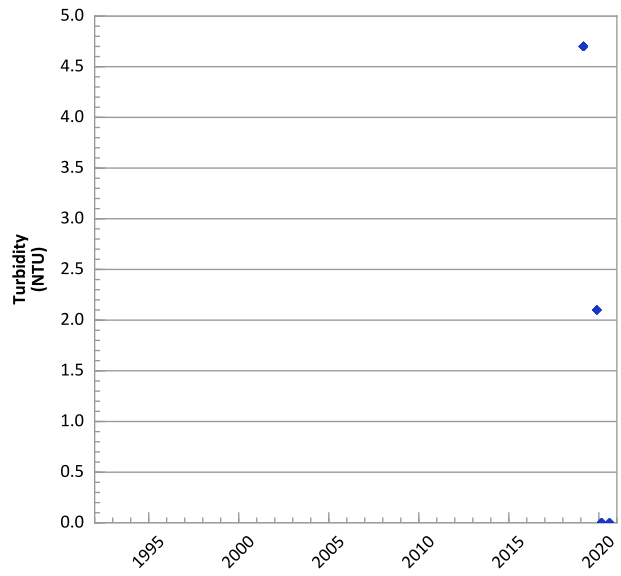
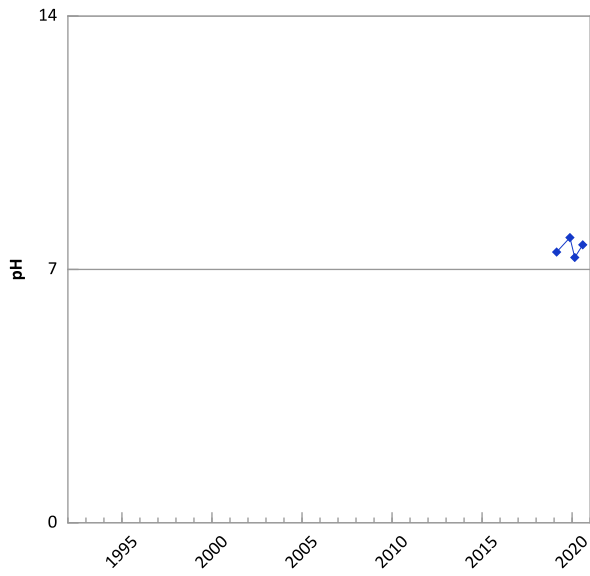
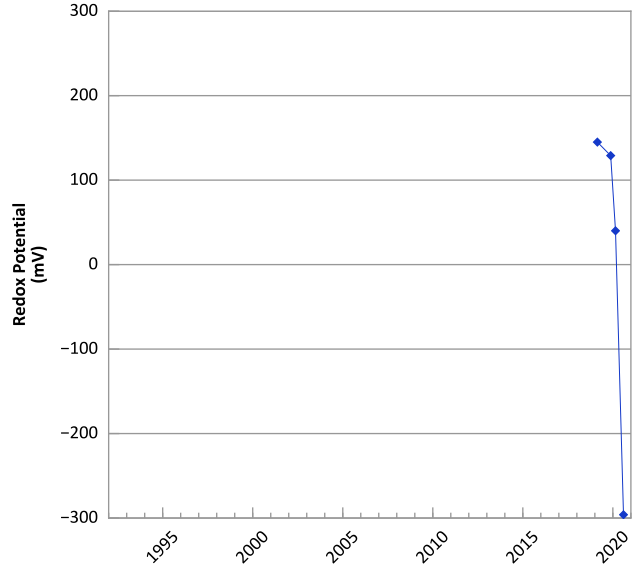
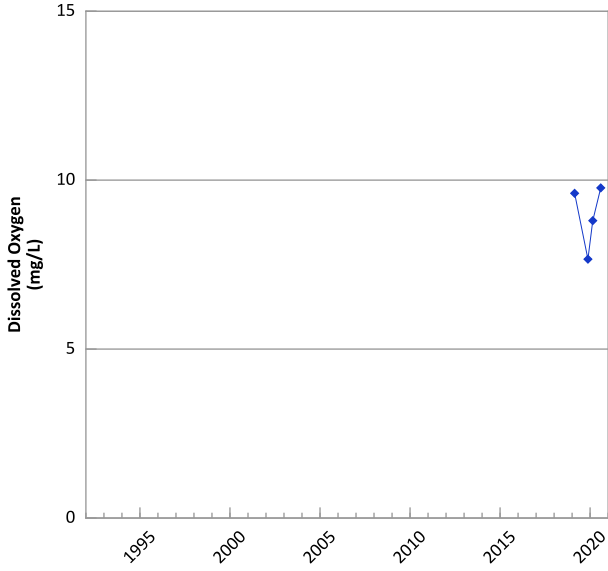
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/15/2019 to 08/03/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

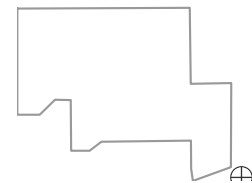


**PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



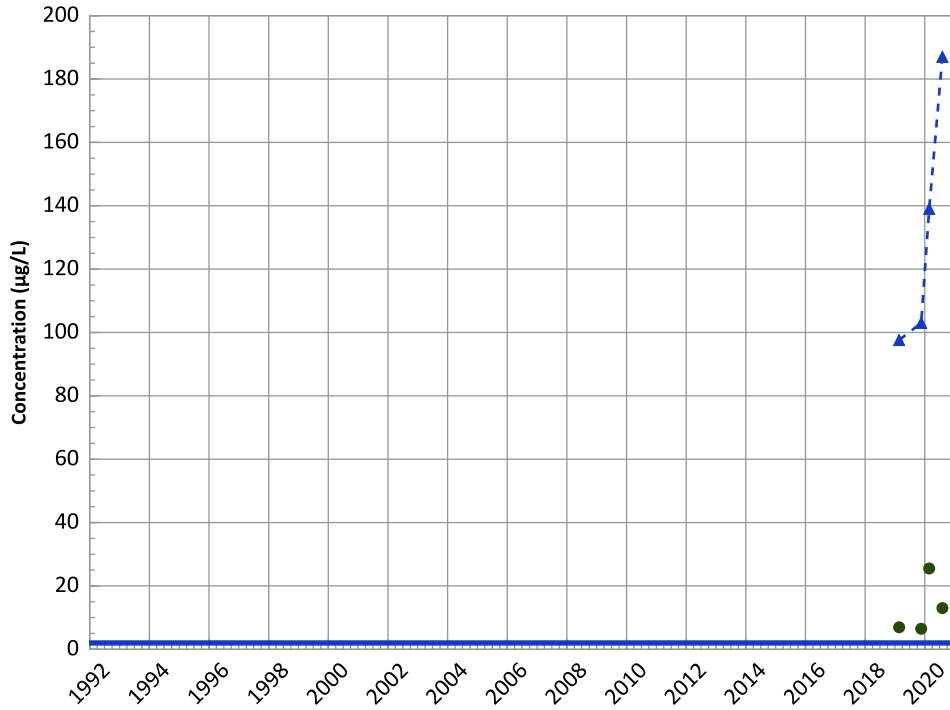
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/21/2019 to 08/04/2020
 Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

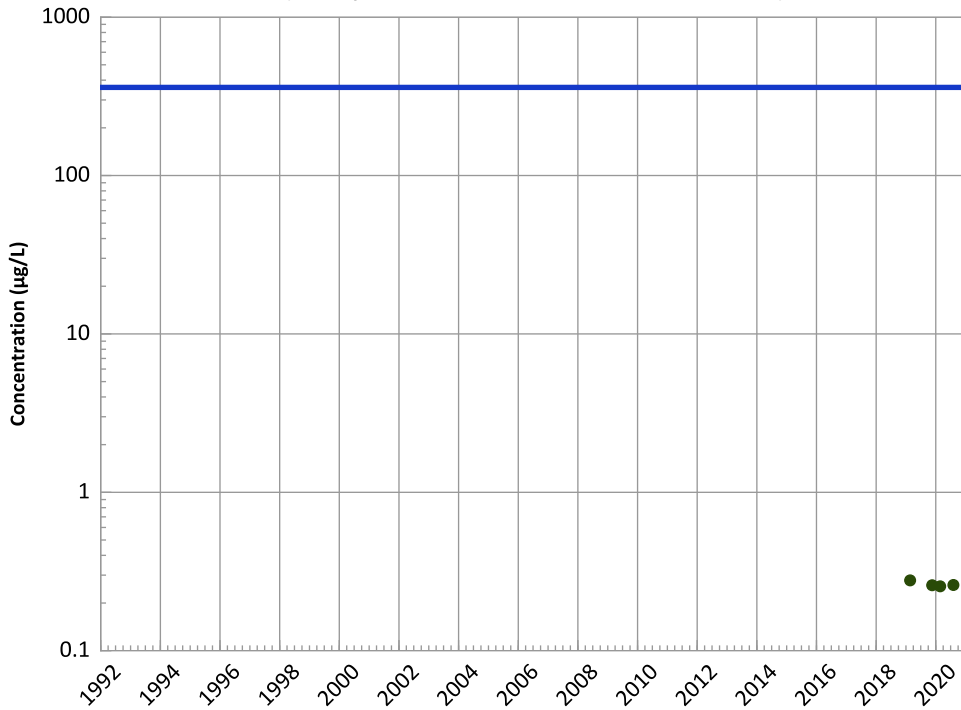
2018 - 2020 Data:

Increasing

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

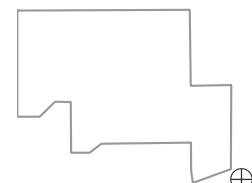
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

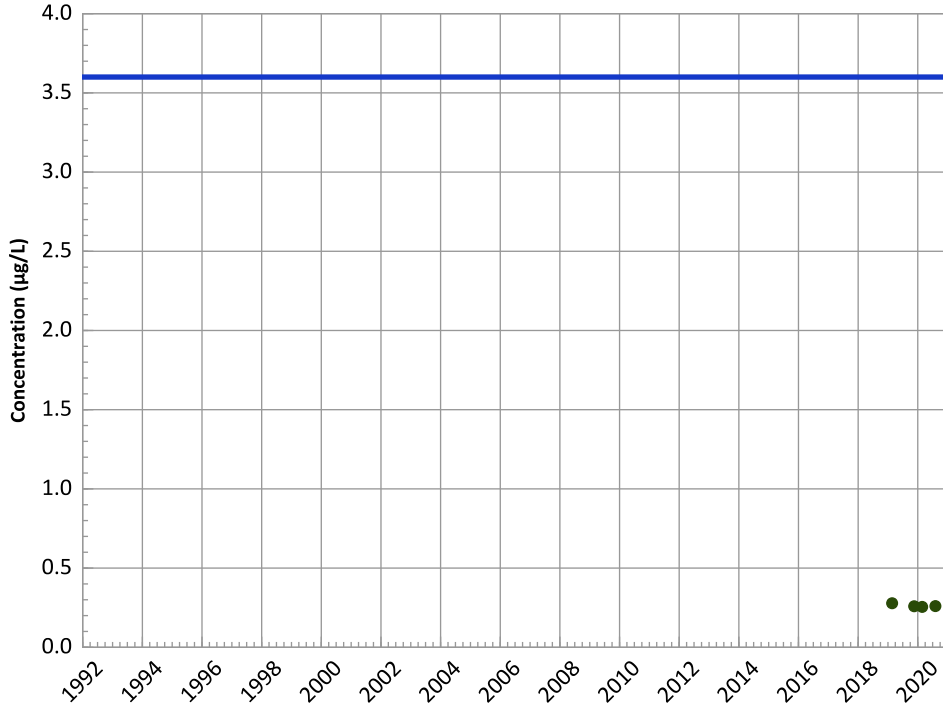
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

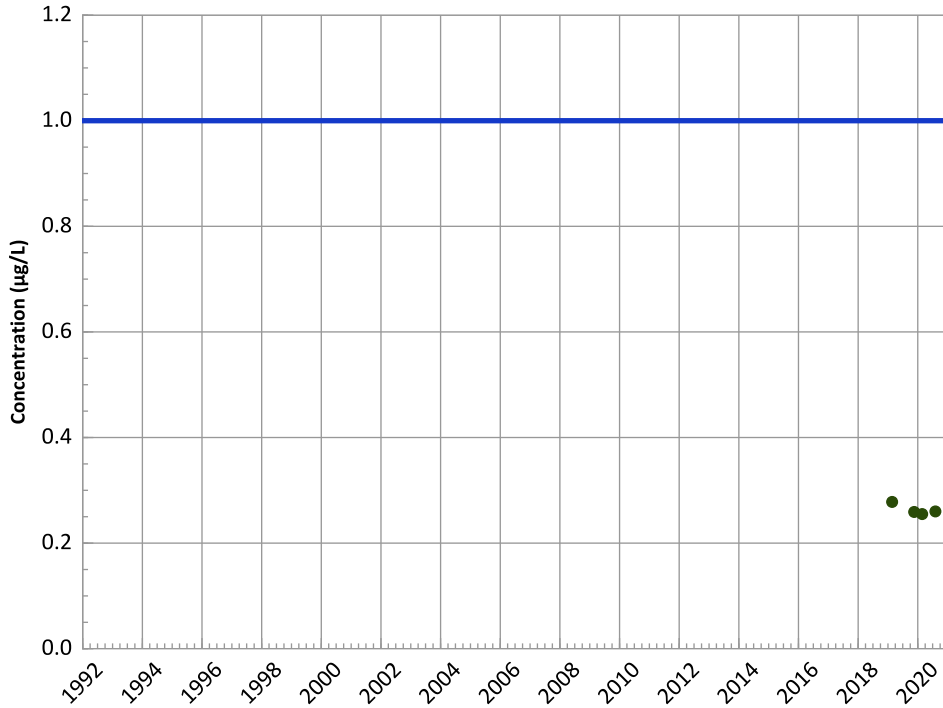
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

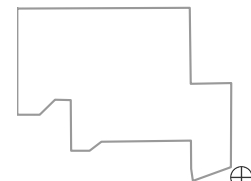
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

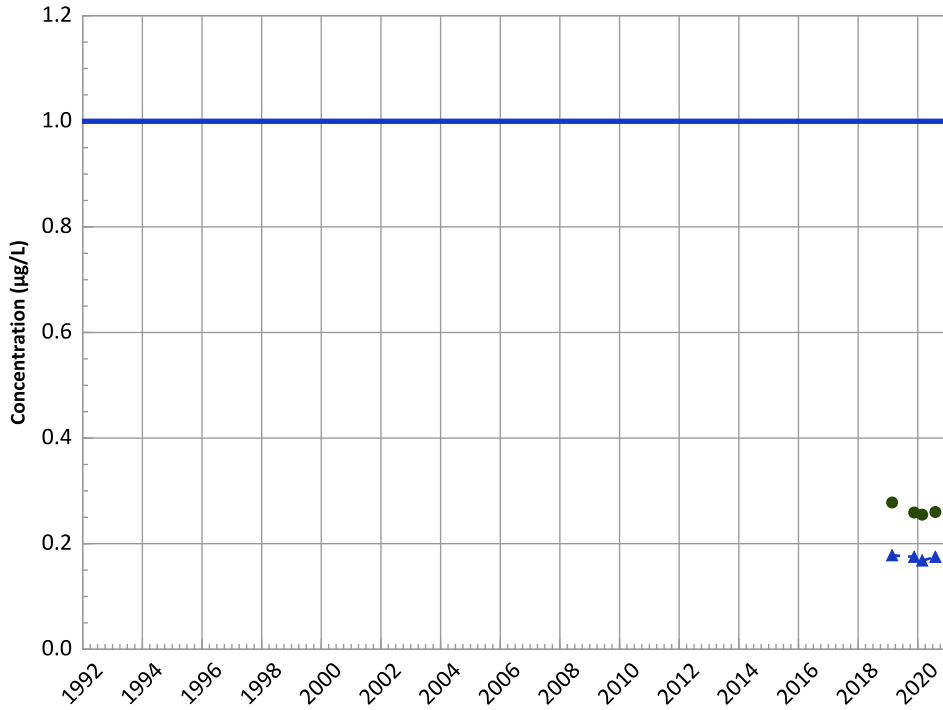
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

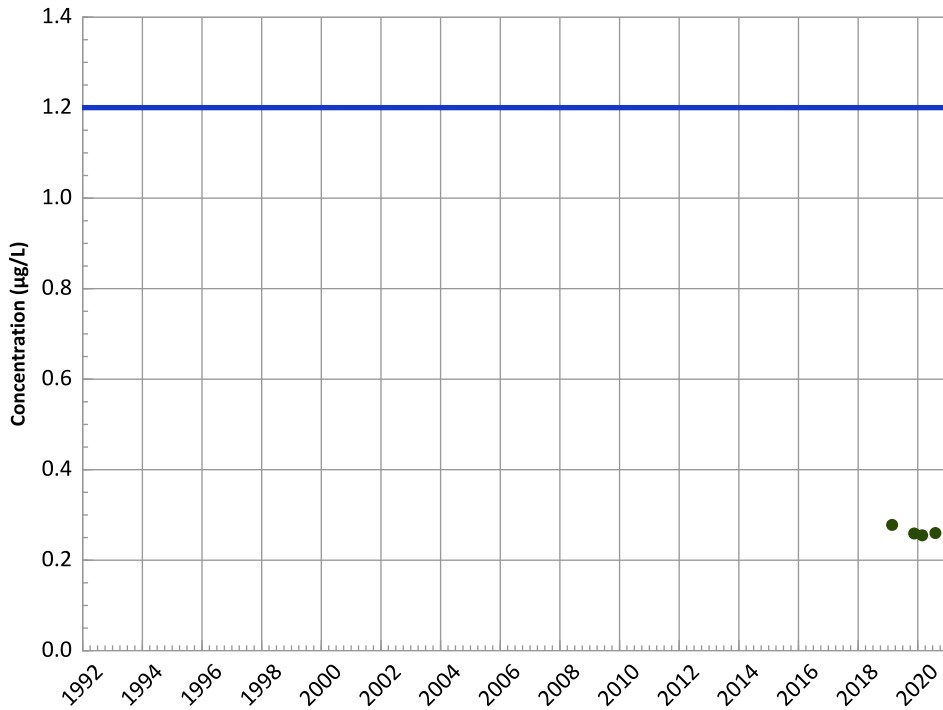
2018 - 2020 Data:

Stable

All Data:

Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

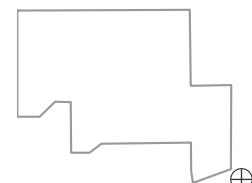
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

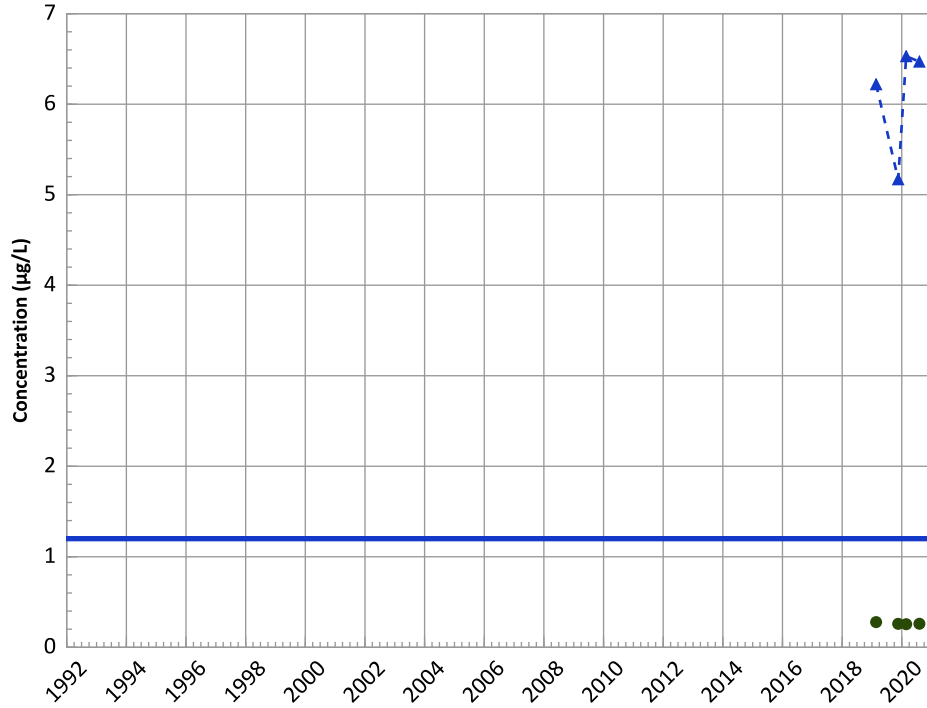
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

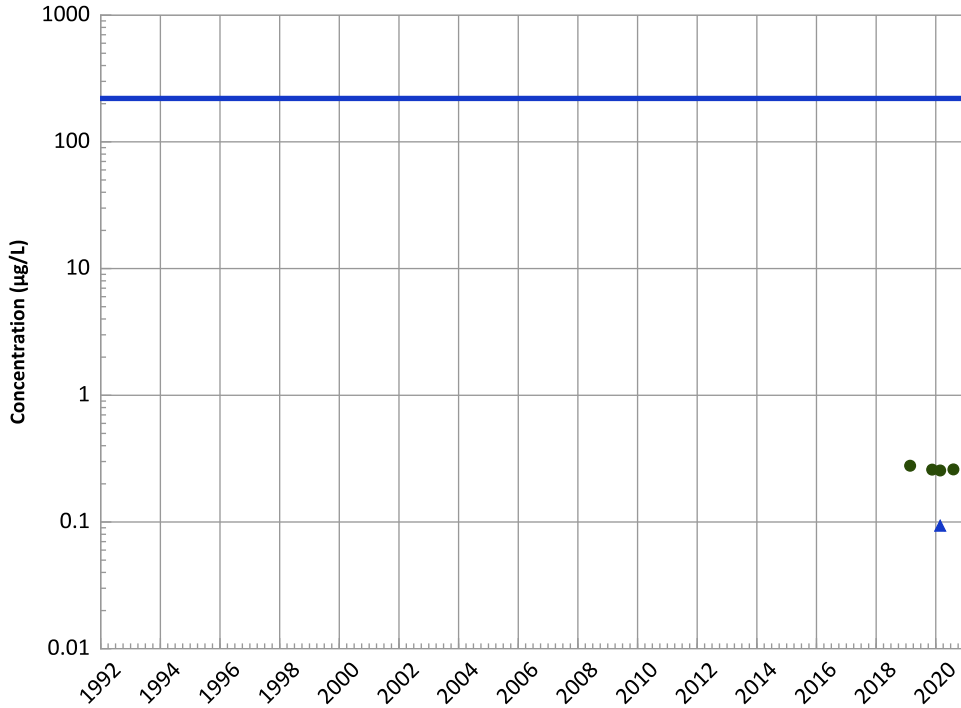
2018 - 2020 Data:

No Trend

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

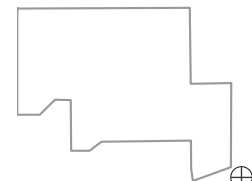
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

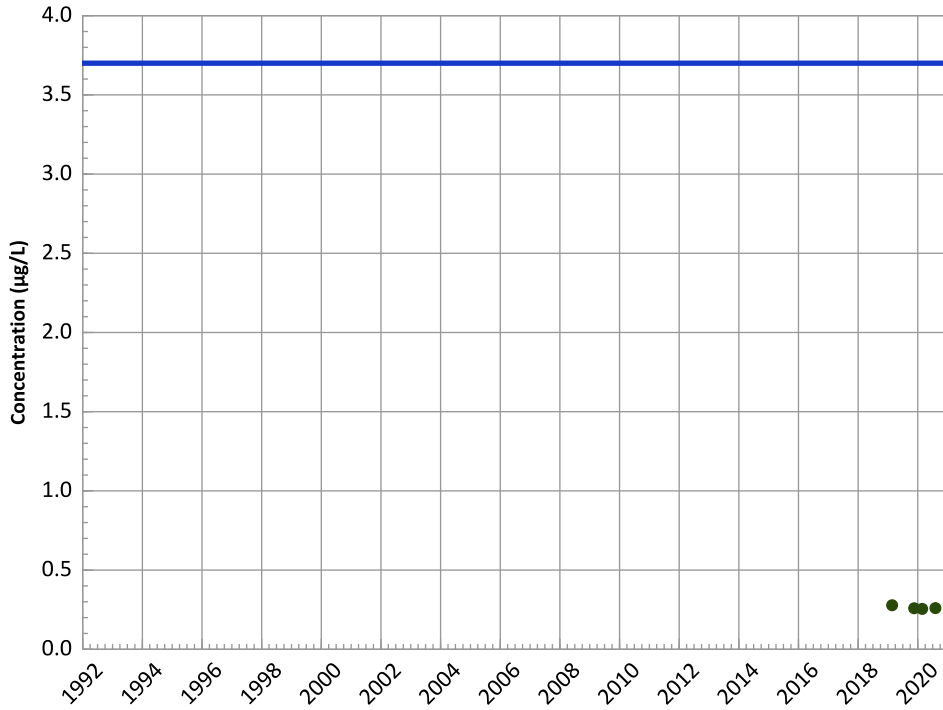
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

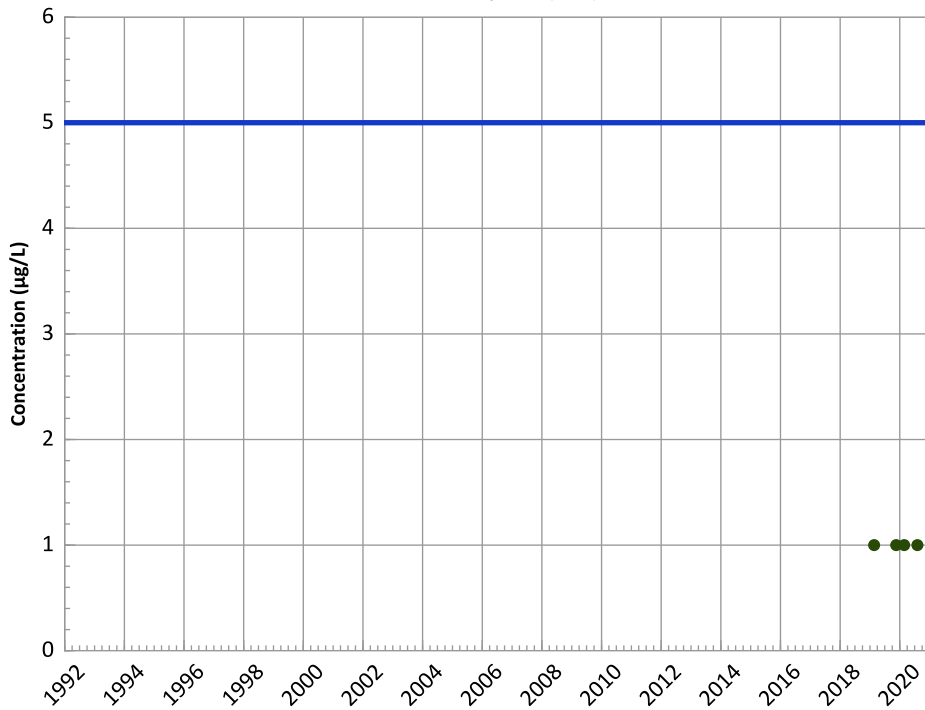
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

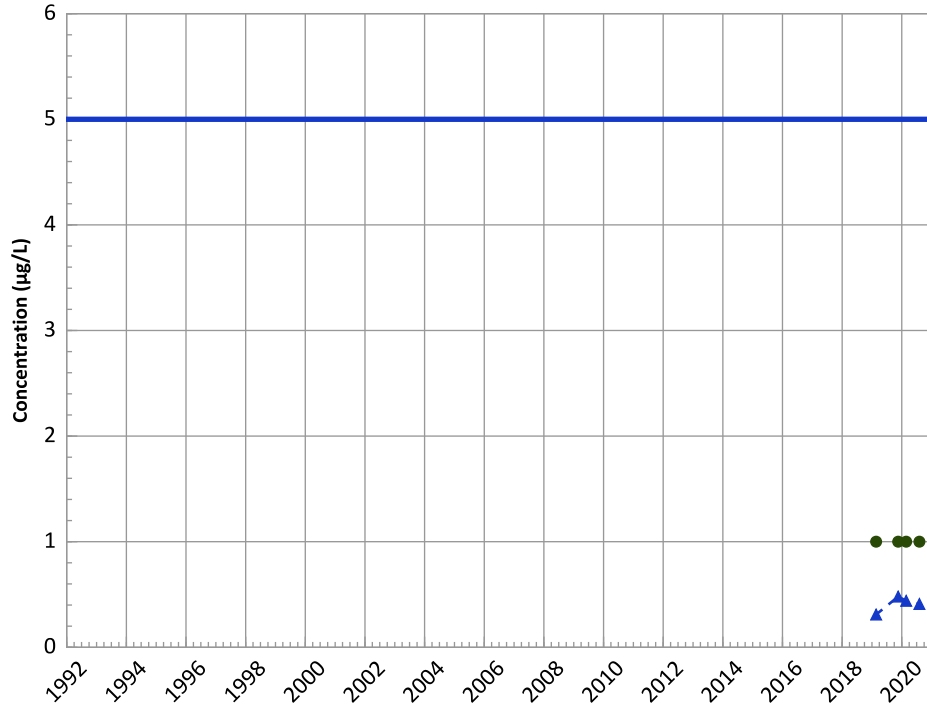
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Stable

MAROS Linear Regression Method

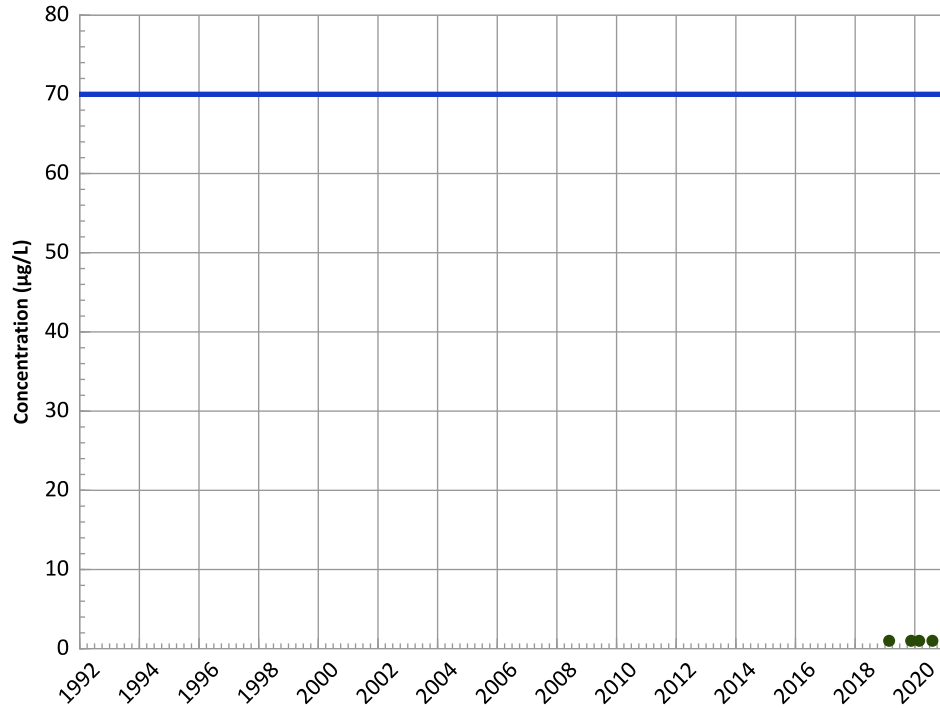
2018 - 2020 Data:

No Trend

All Data:

No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

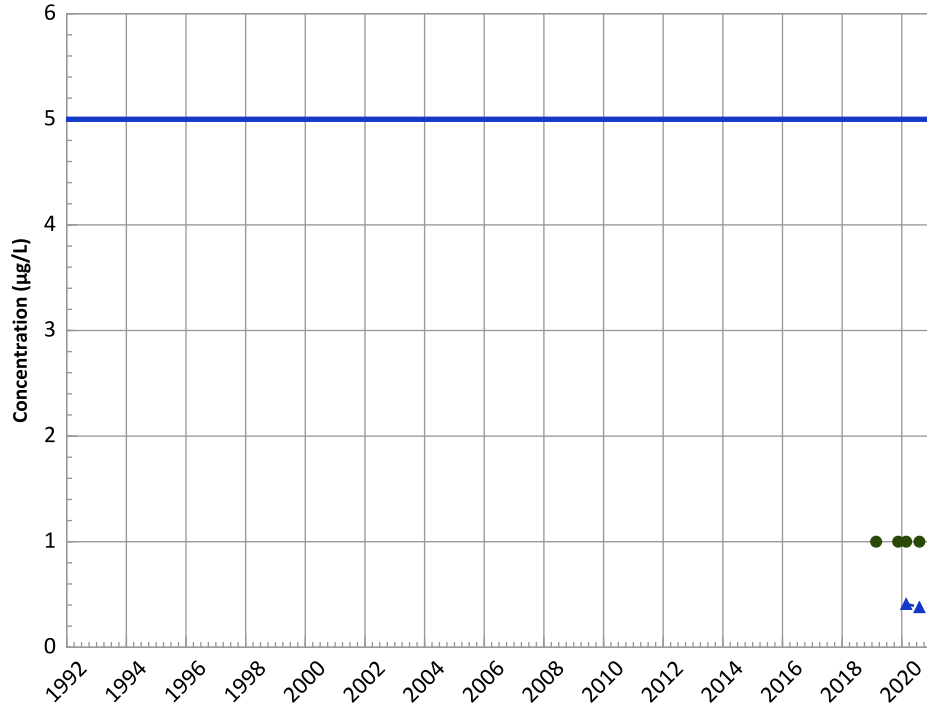
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ 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**

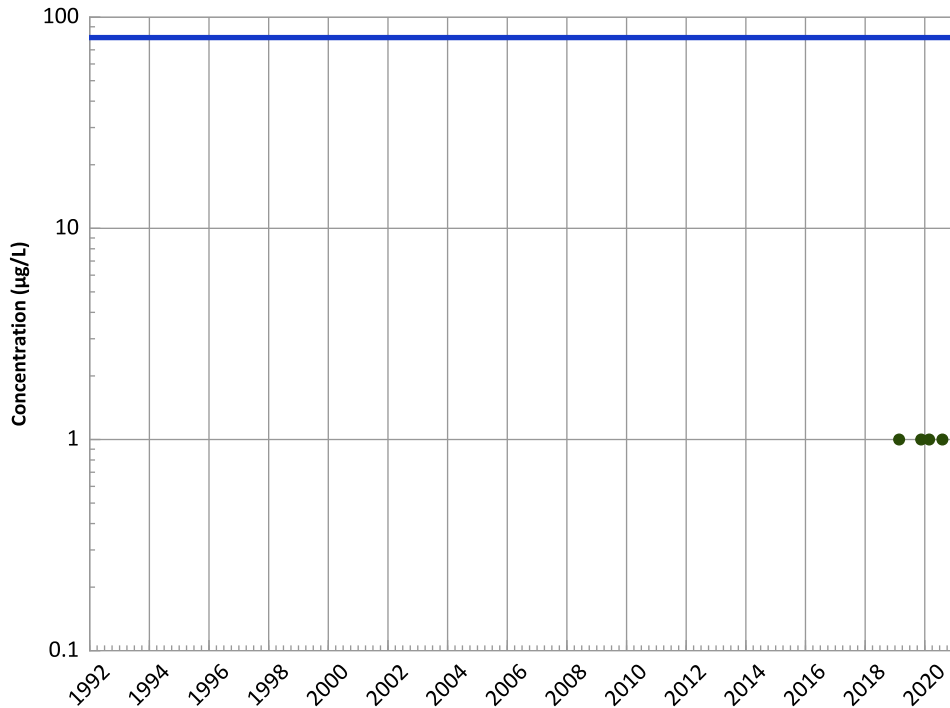


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

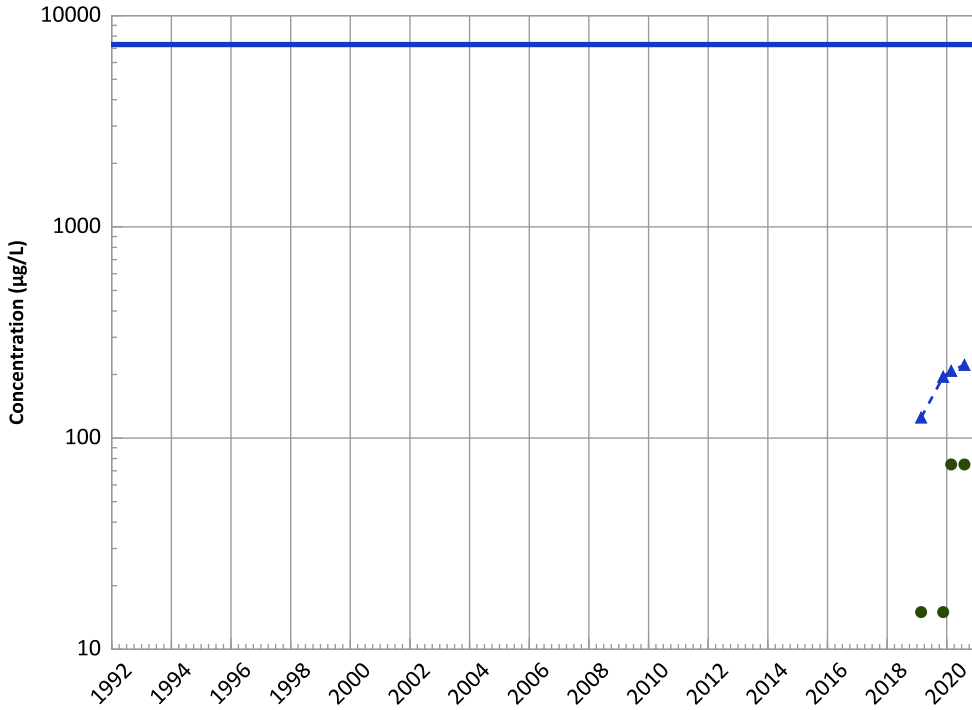
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

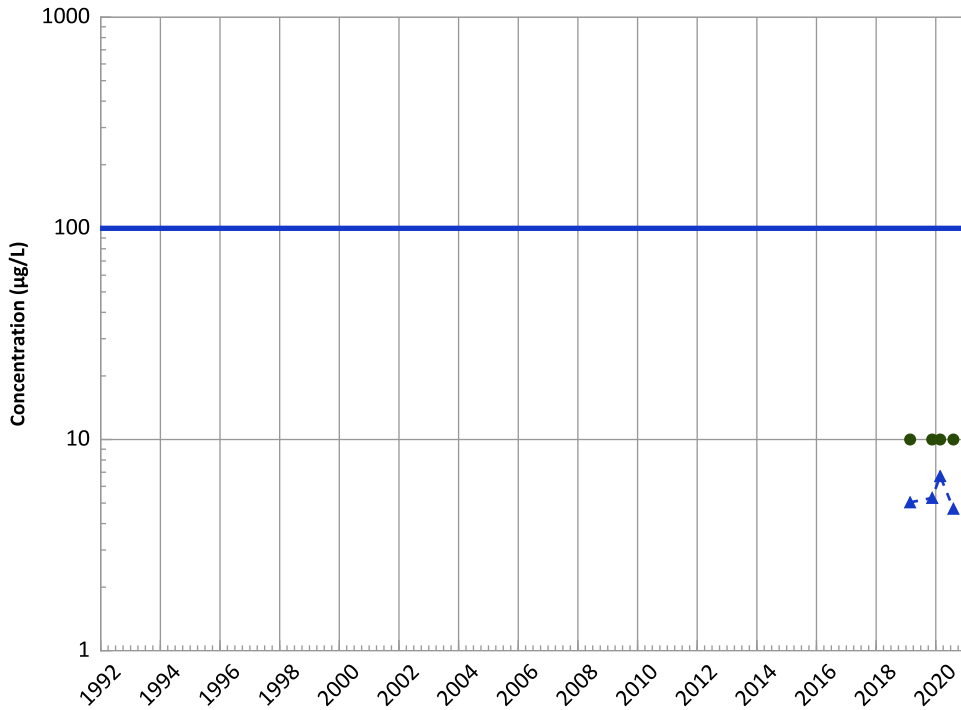
2018 - 2020 Data:

Increasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Stable

MAROS Linear Regression Method

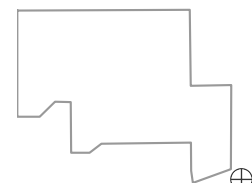
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

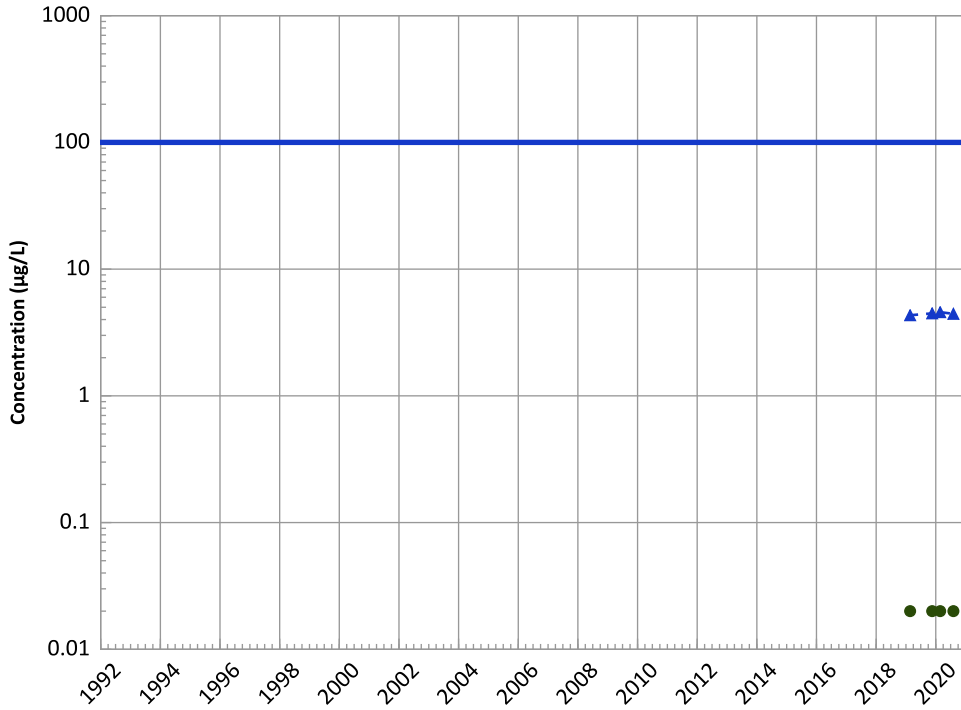


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

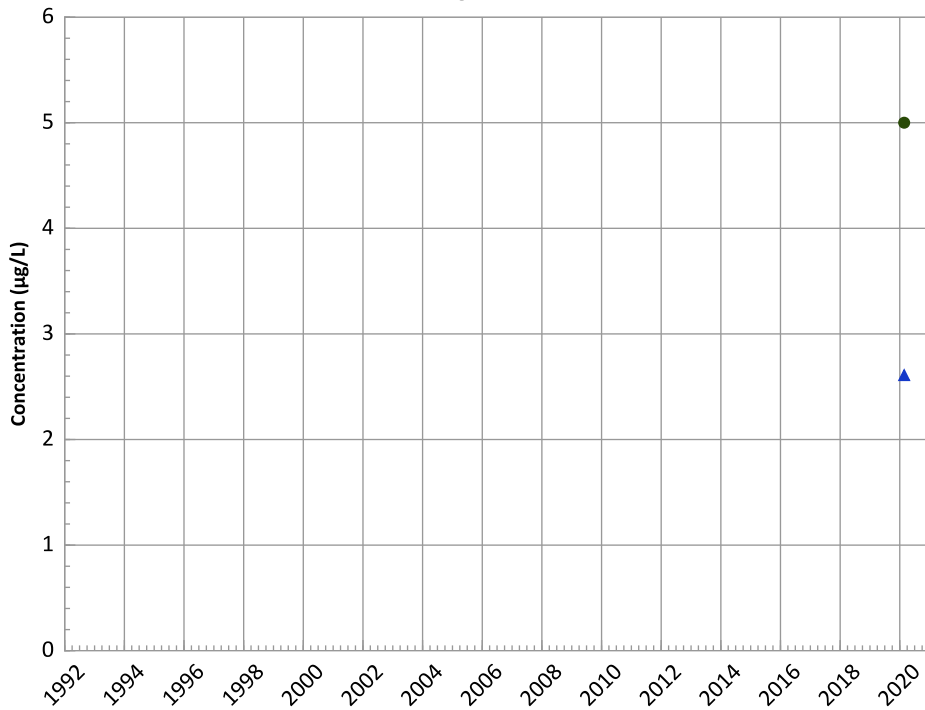
2018 - 2020 Data:

No Trend

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

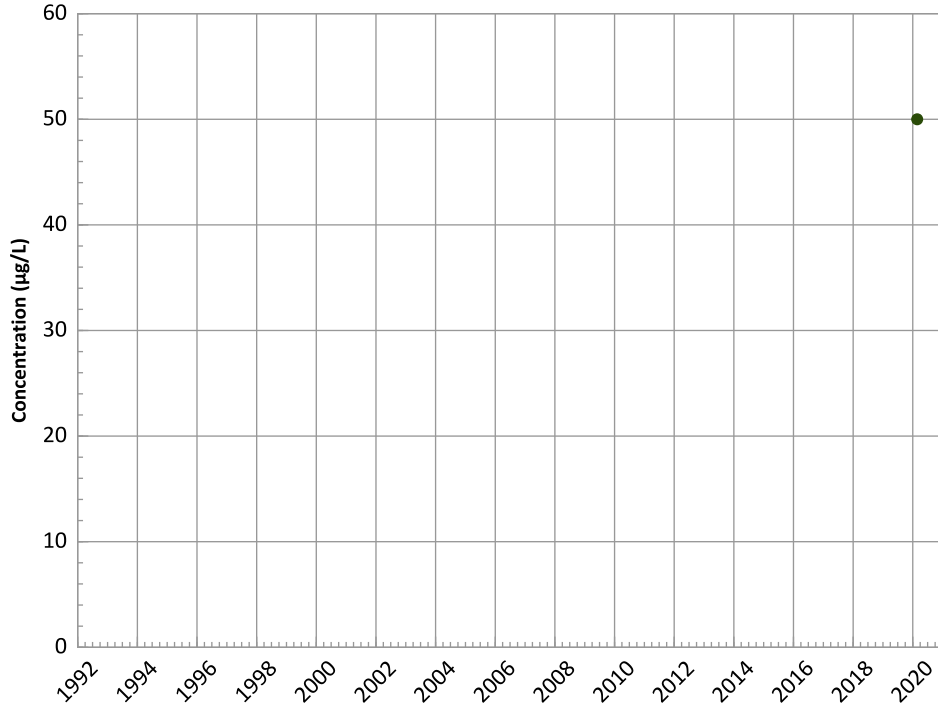


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

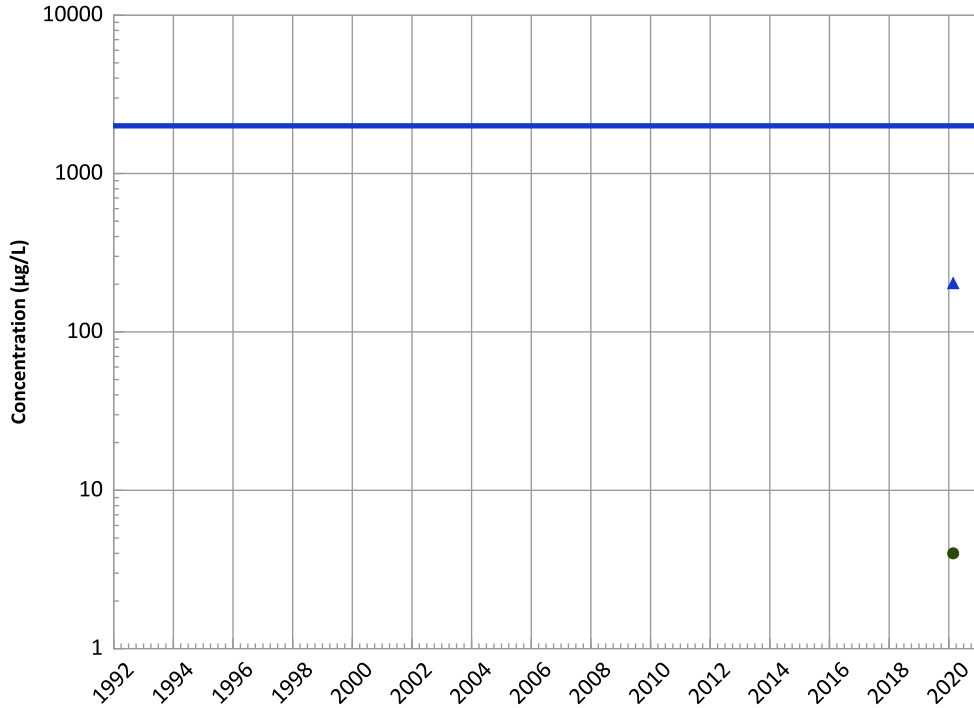


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

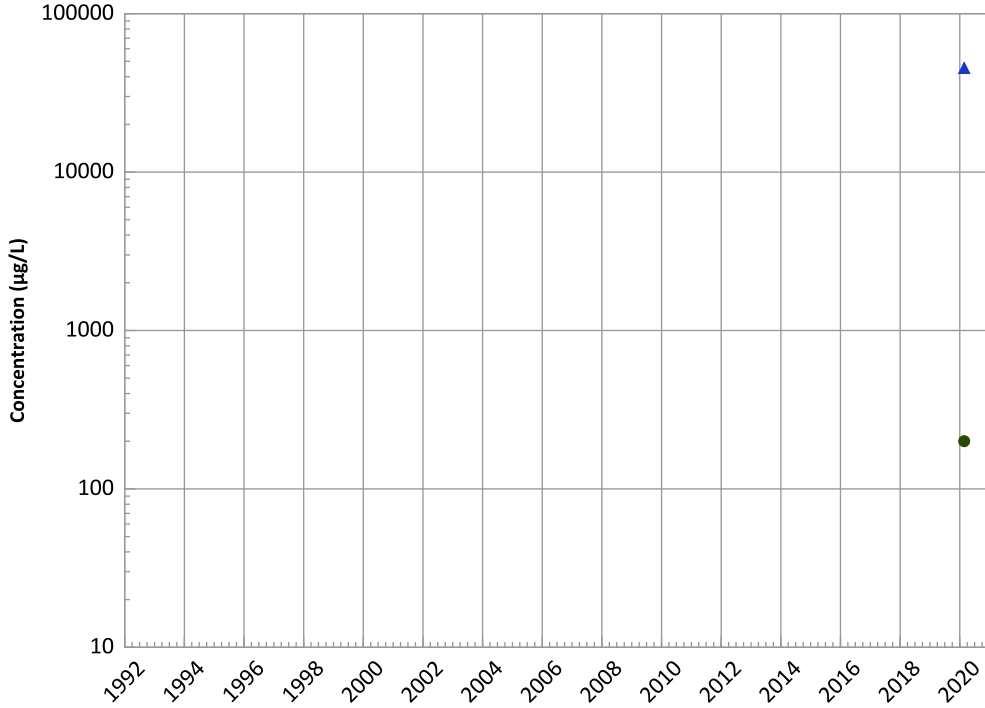


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend

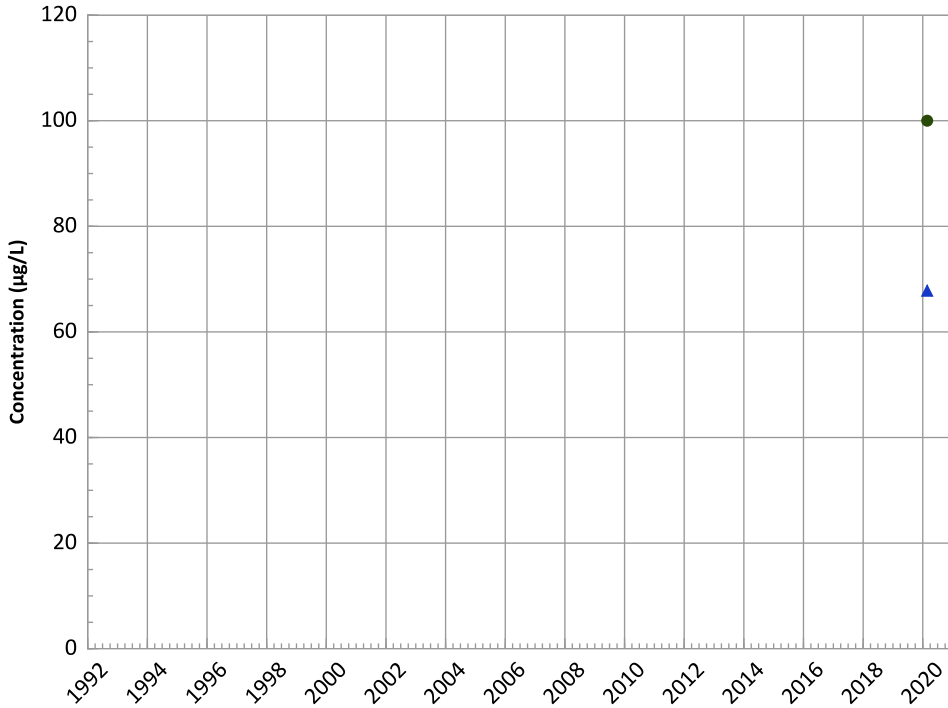


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Iron Trend

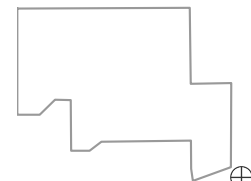


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

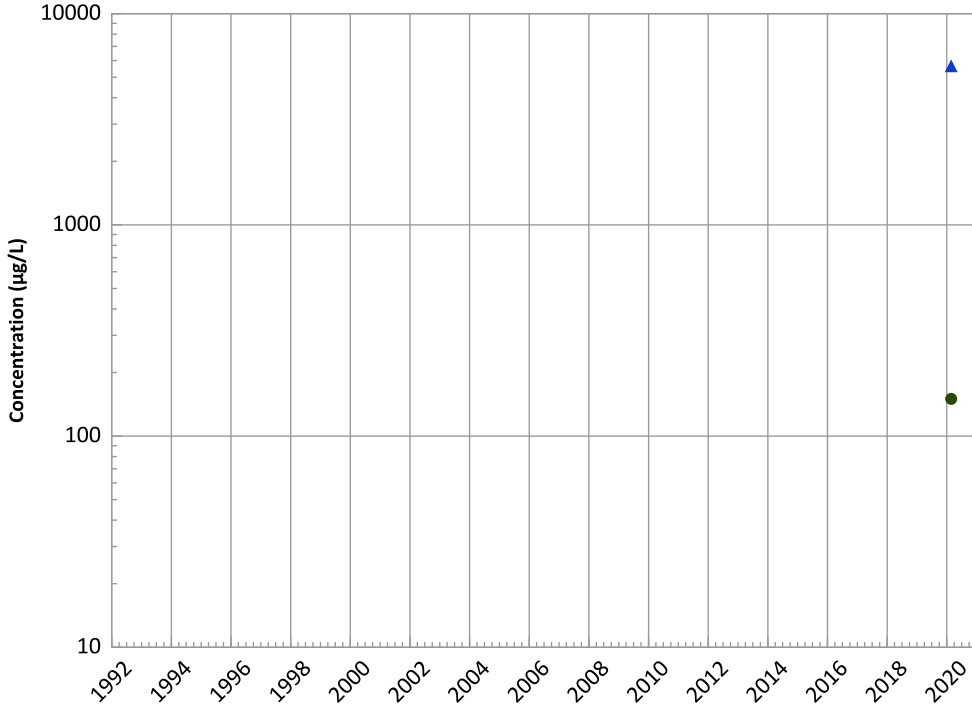


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

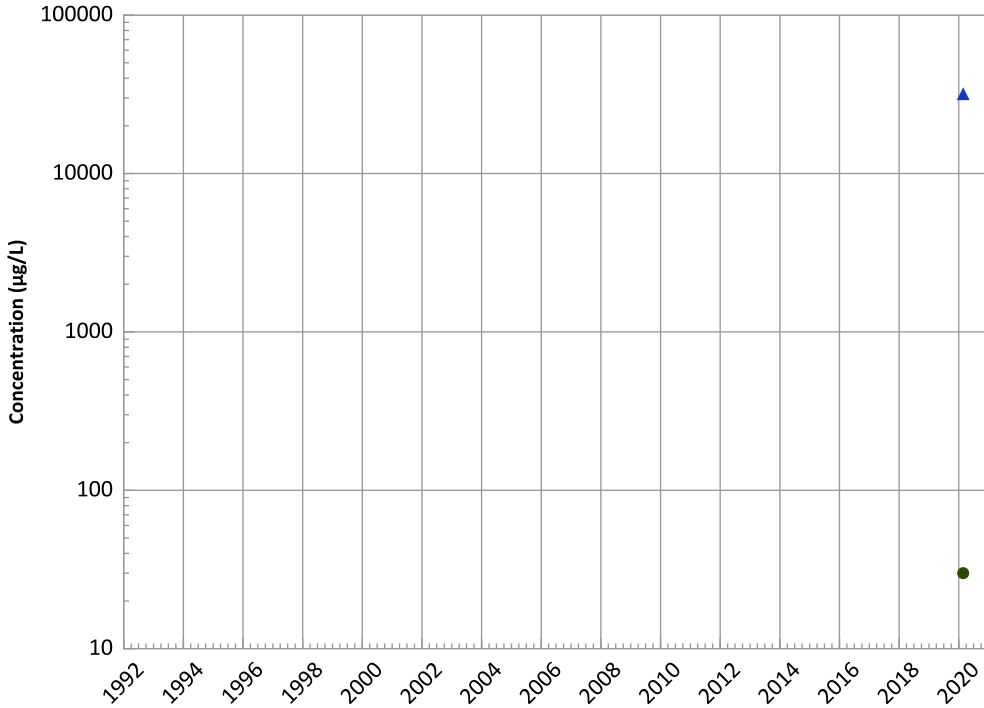
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

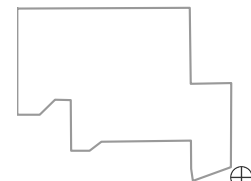
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

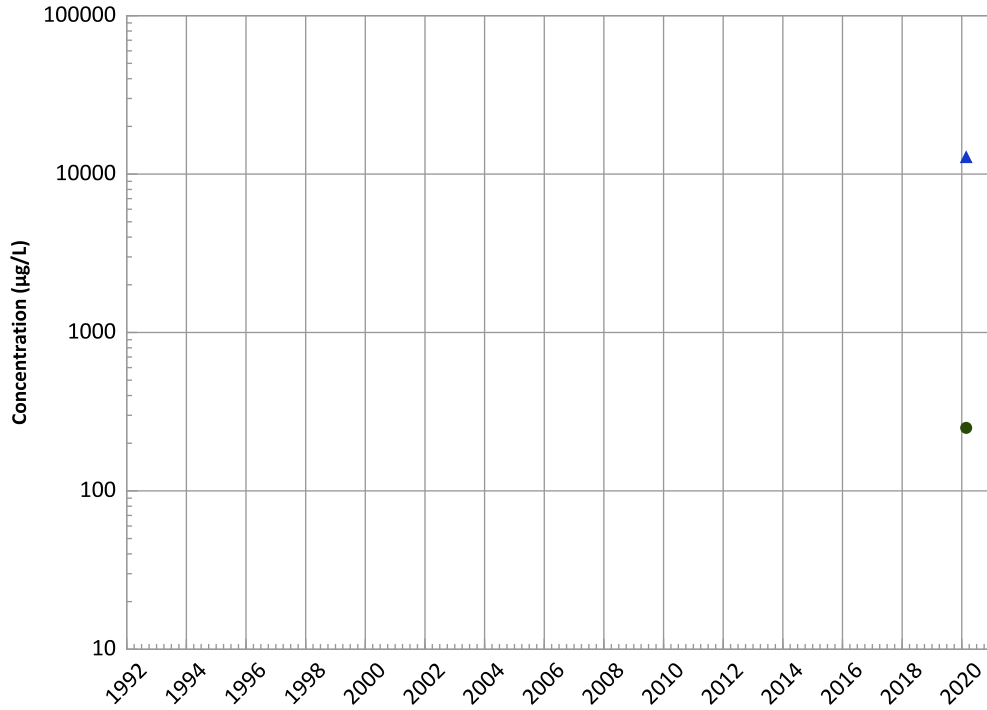
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/21/2019 to 08/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1203 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

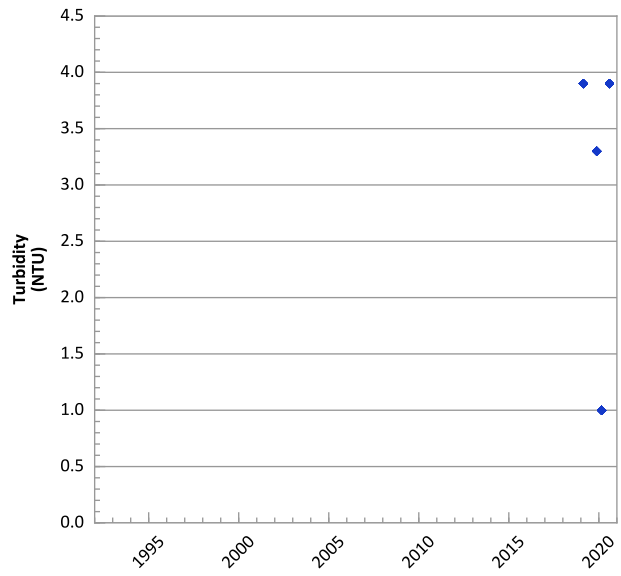
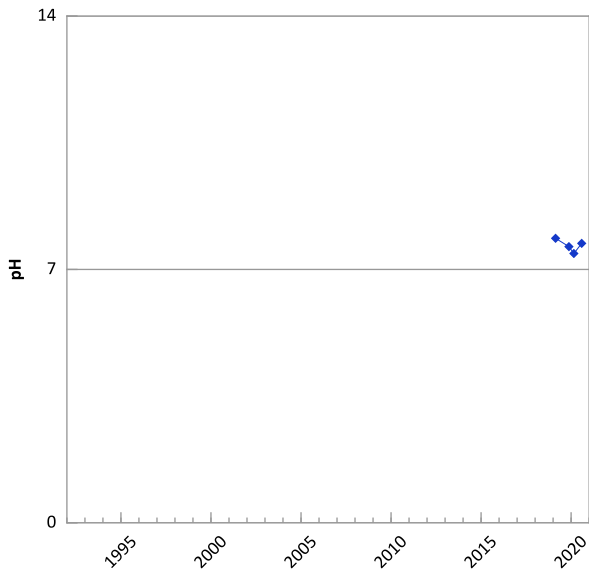
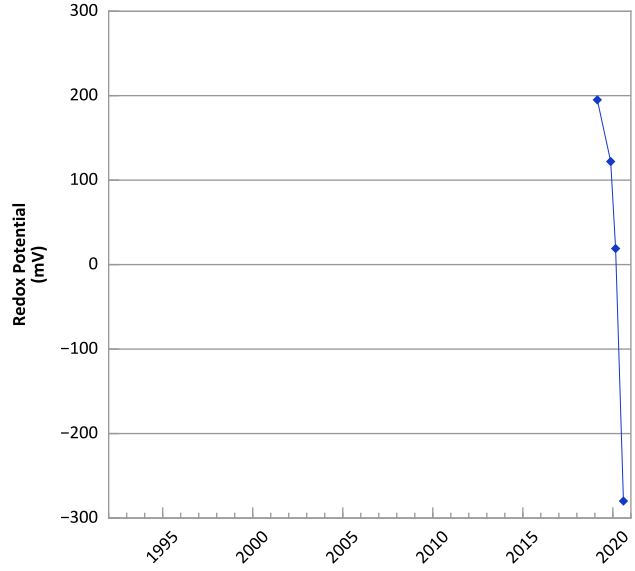
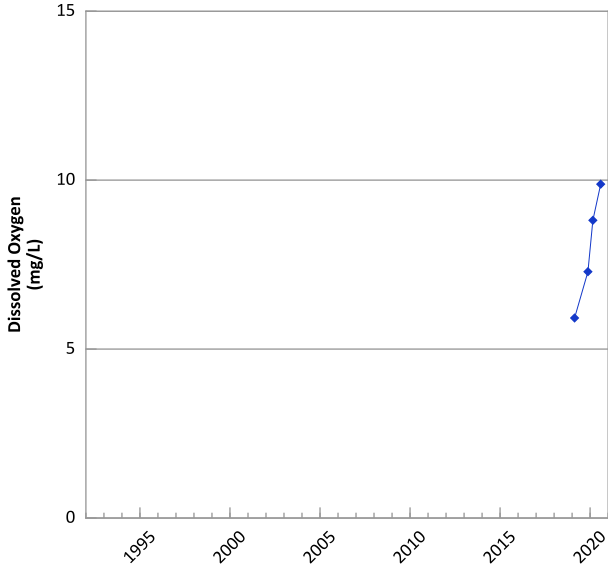
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/21/2019 to 08/04/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

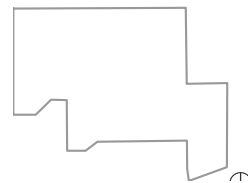


**PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



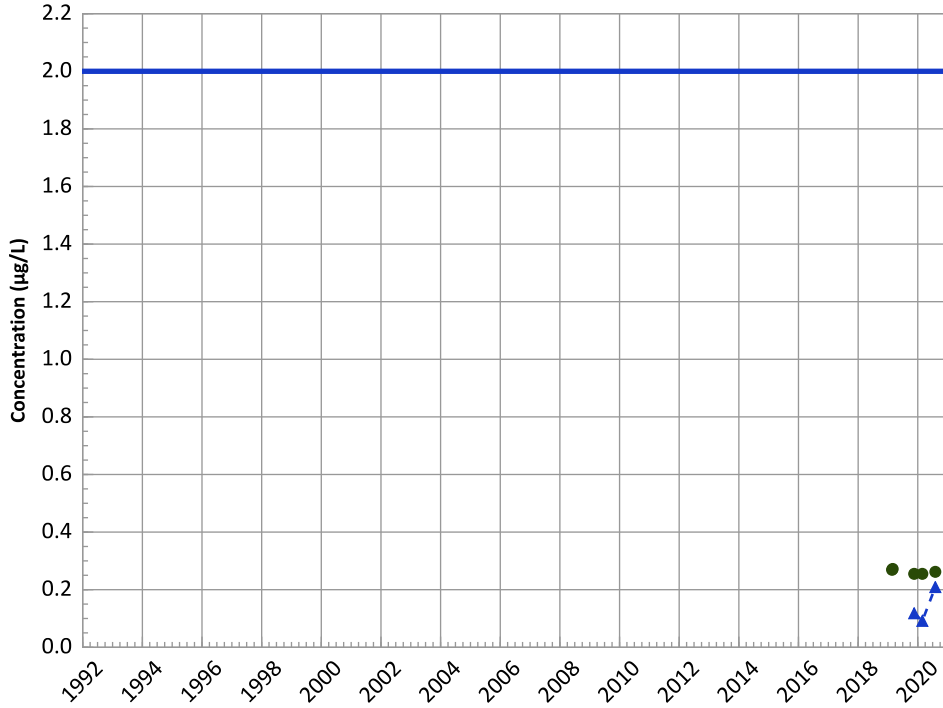
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/20/2019 to 08/03/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

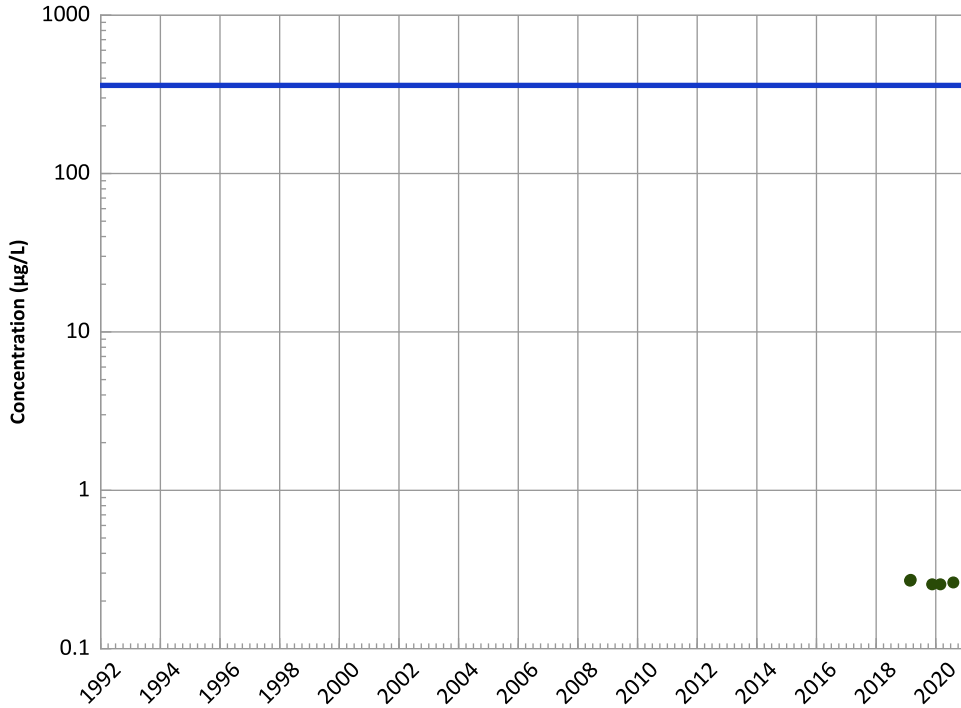
MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

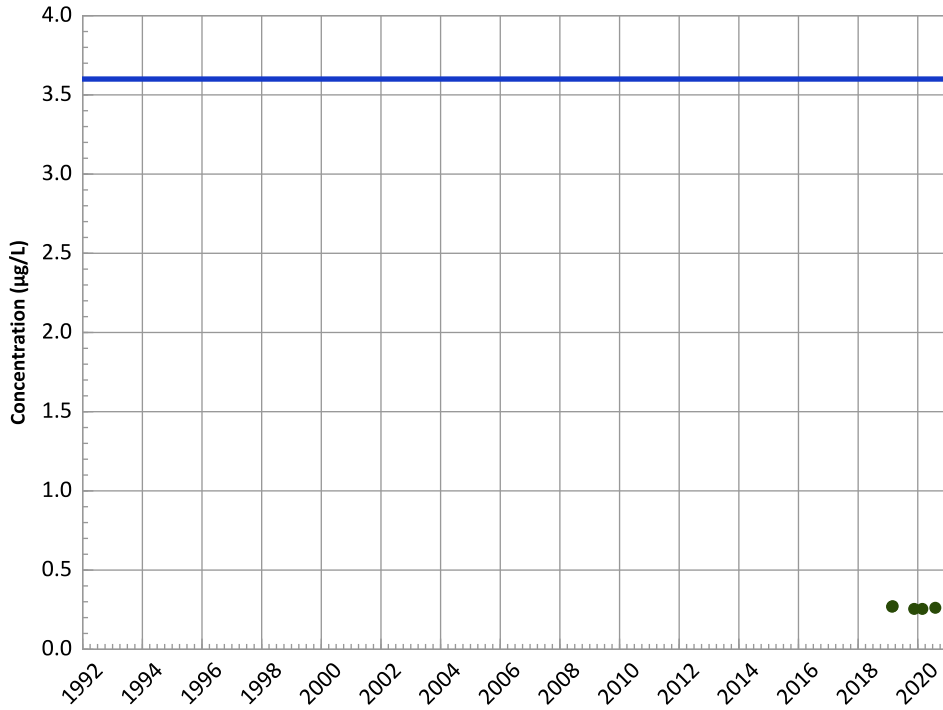
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

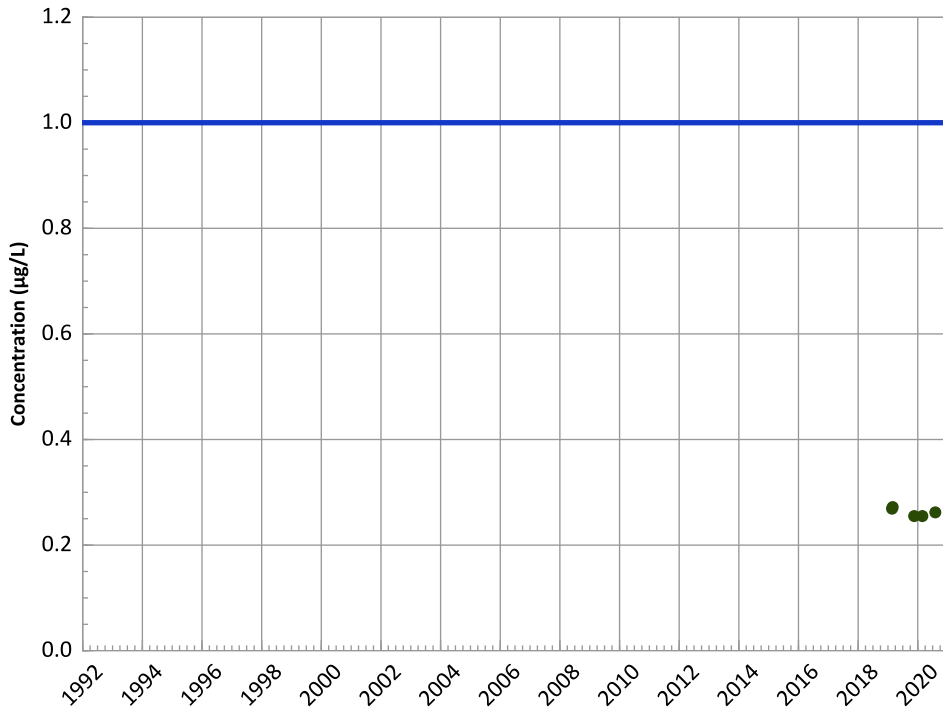
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

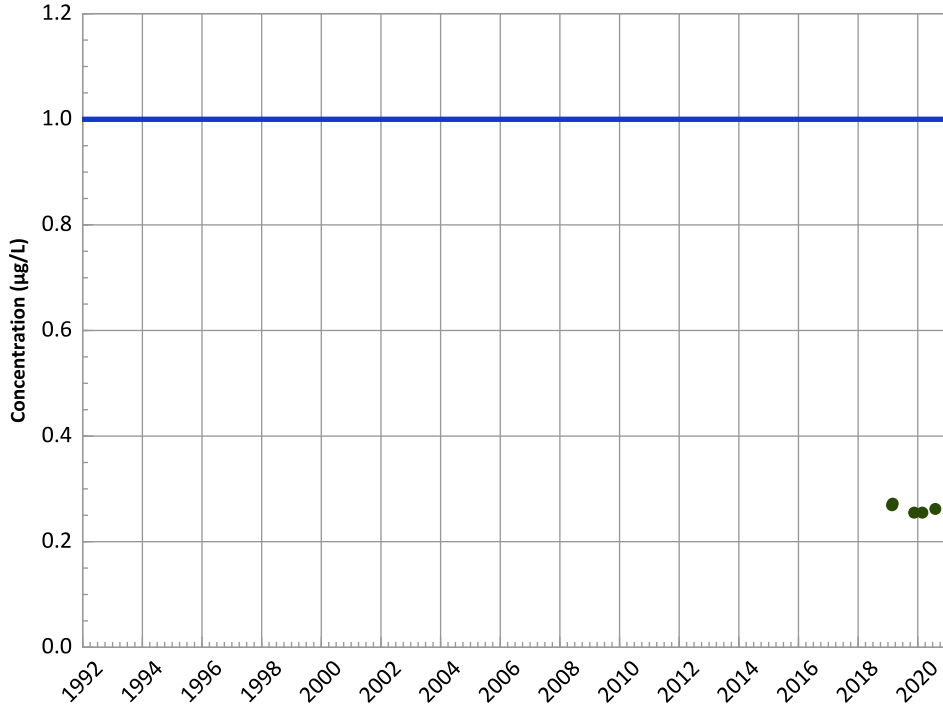


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

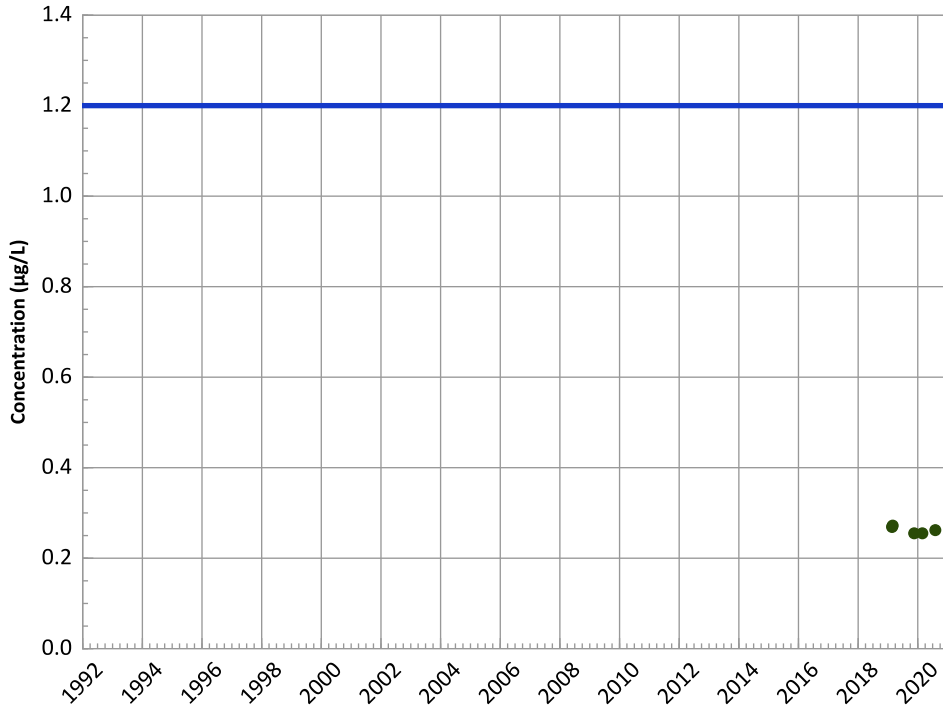
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

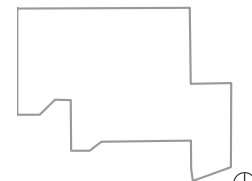
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

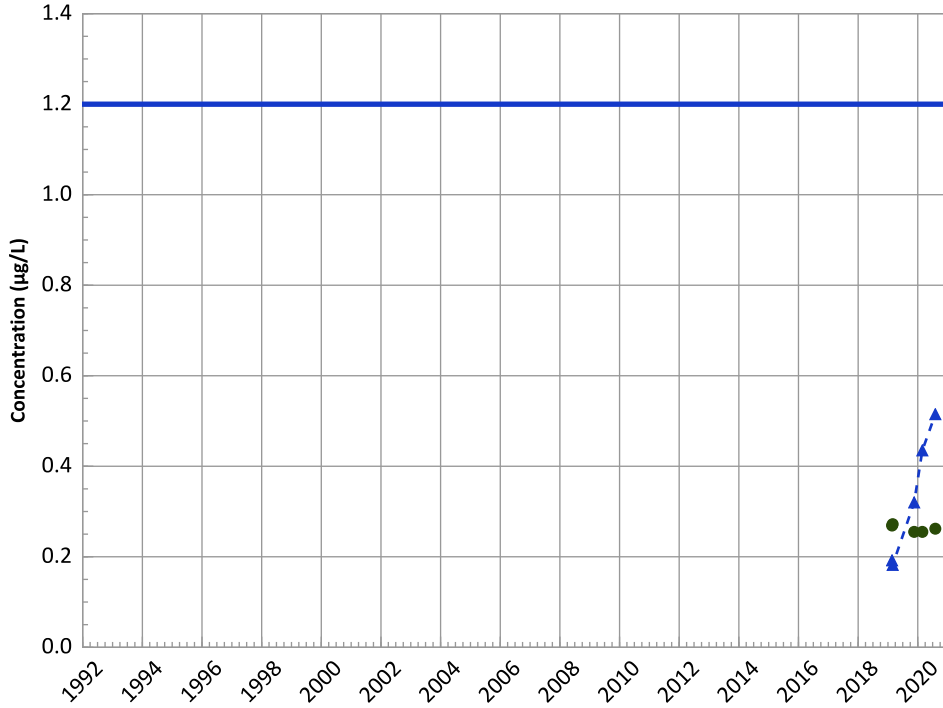
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

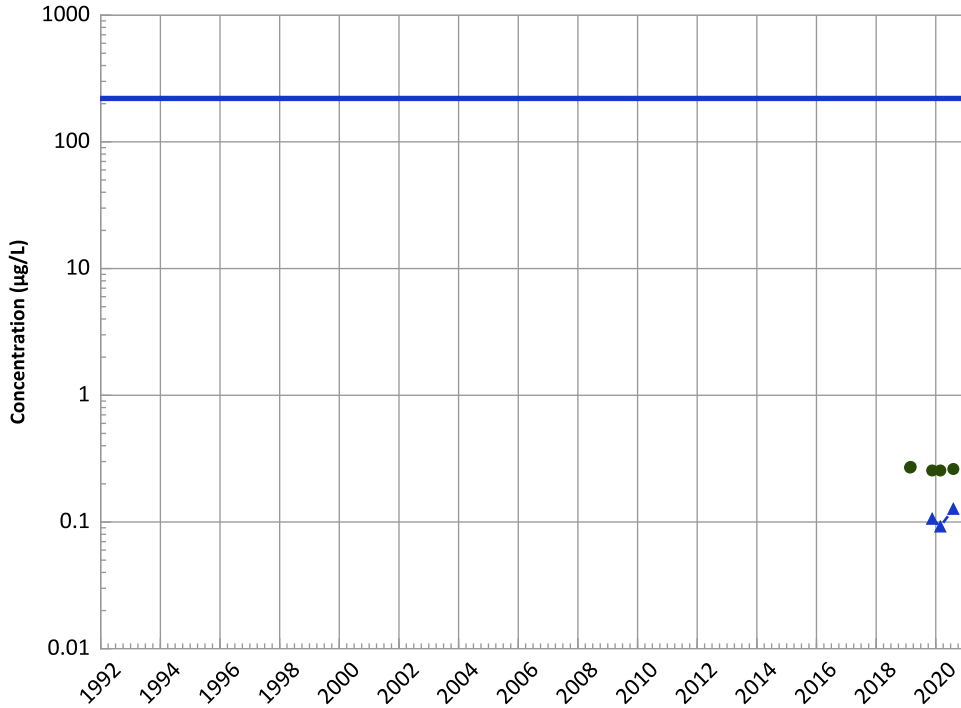
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

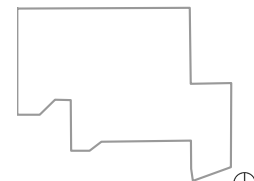
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

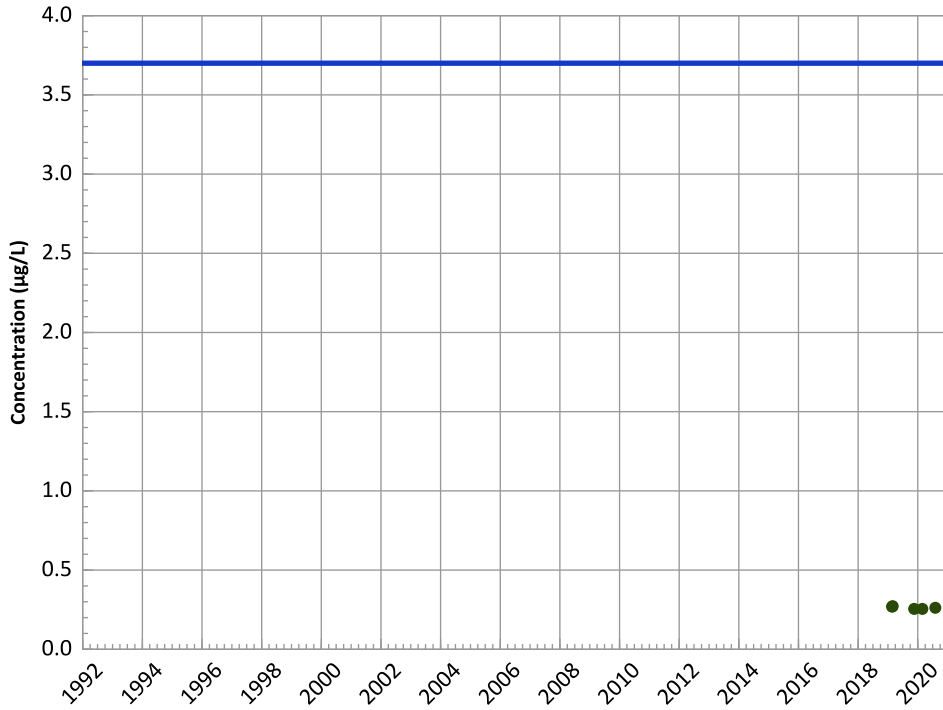


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

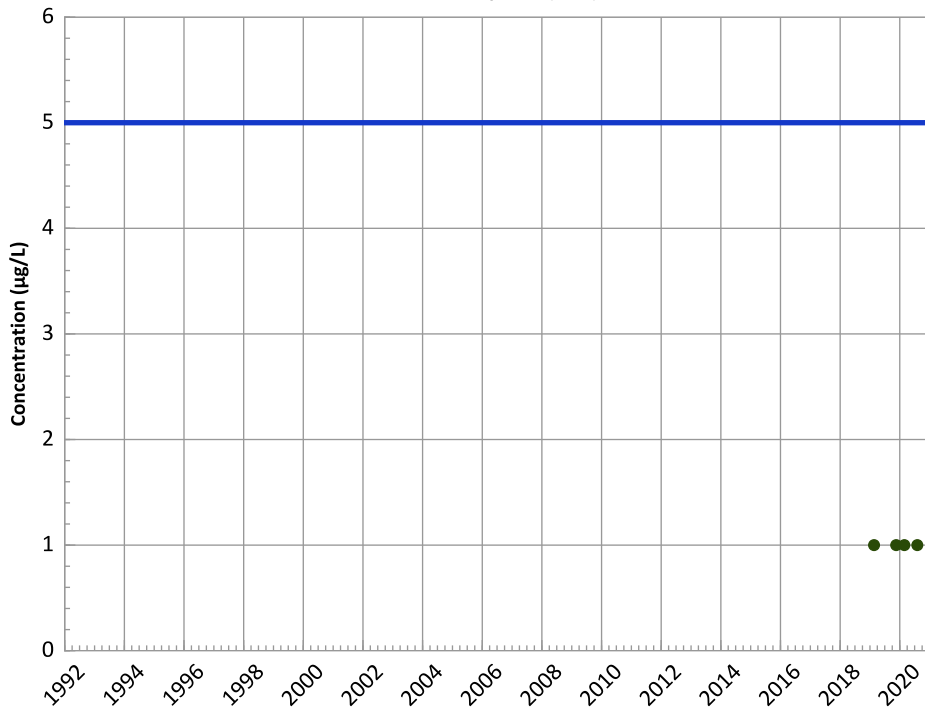
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

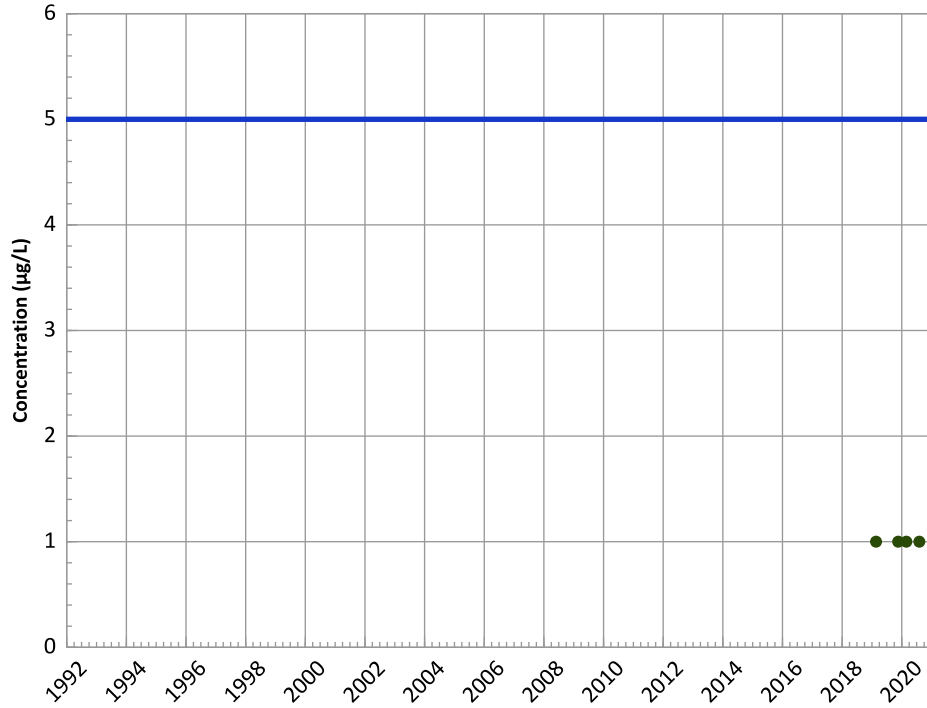


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

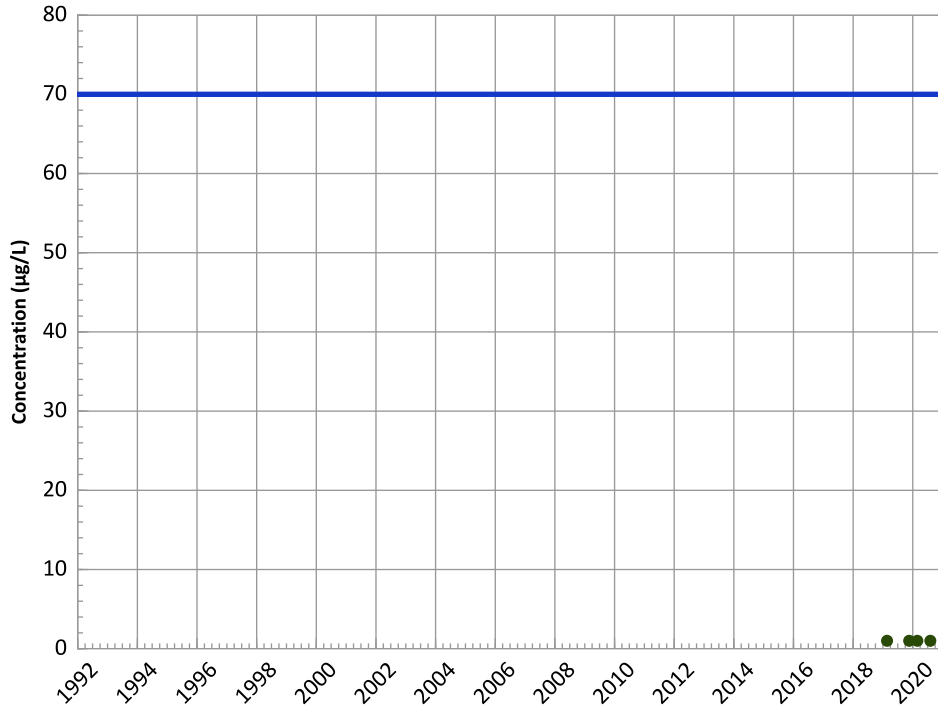
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

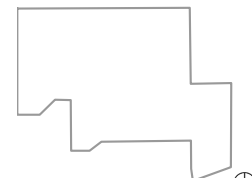
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

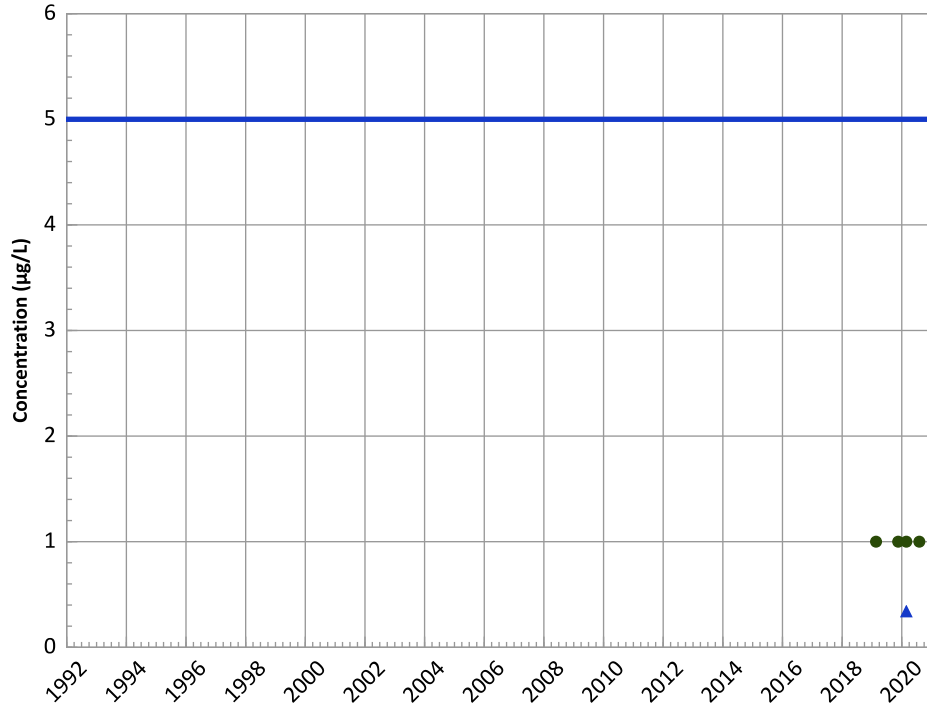
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

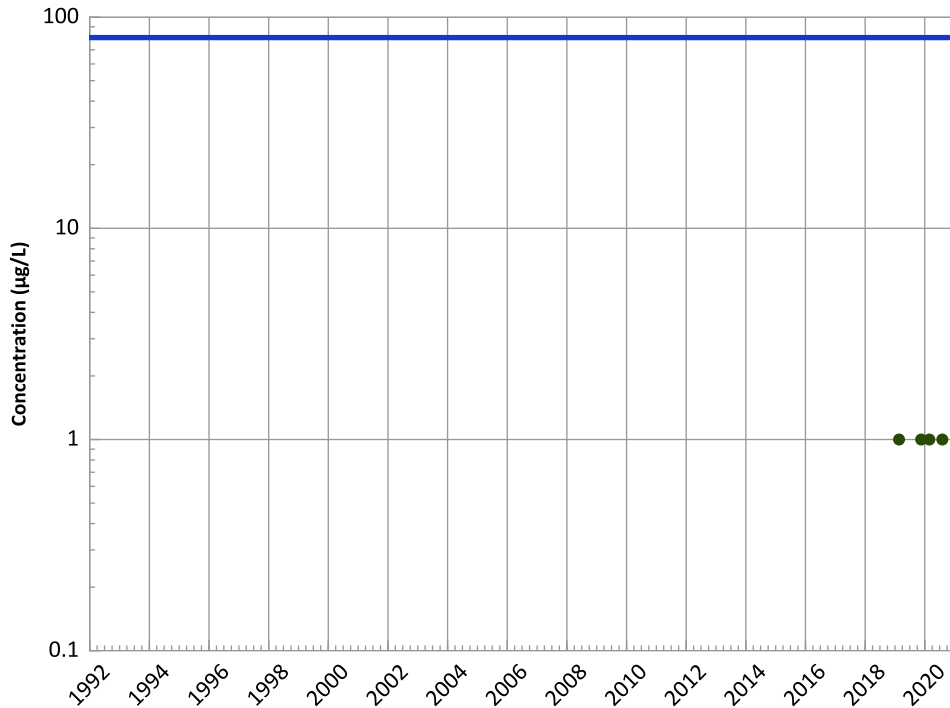


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

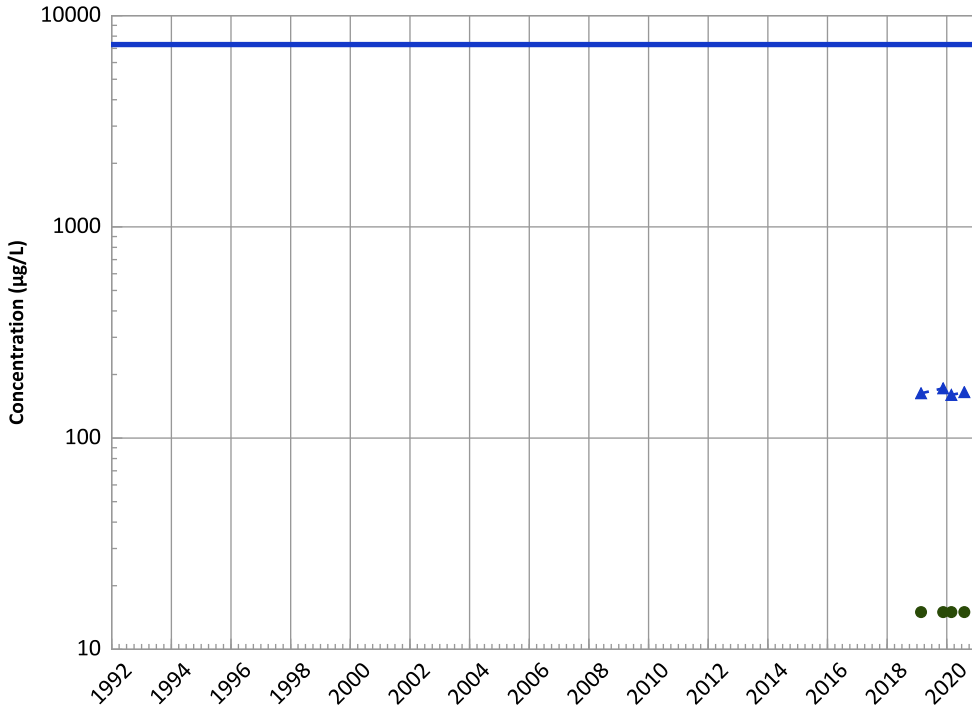
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

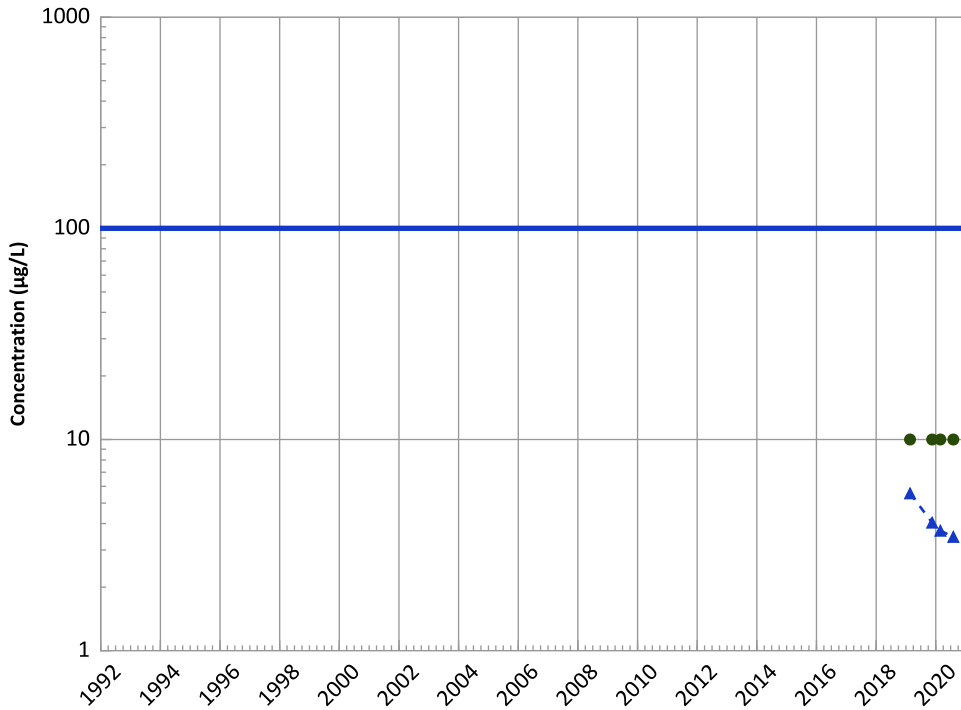


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: Stable
All Data: Stable

MAROS Linear Regression Method
2018 - 2020 Data: Increasing
All Data: Increasing

Chromium, Total Trend

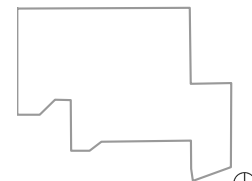


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: Decreasing
All Data: Decreasing

MAROS Linear Regression Method
2018 - 2020 Data: Decreasing
All Data: Decreasing

Well Location

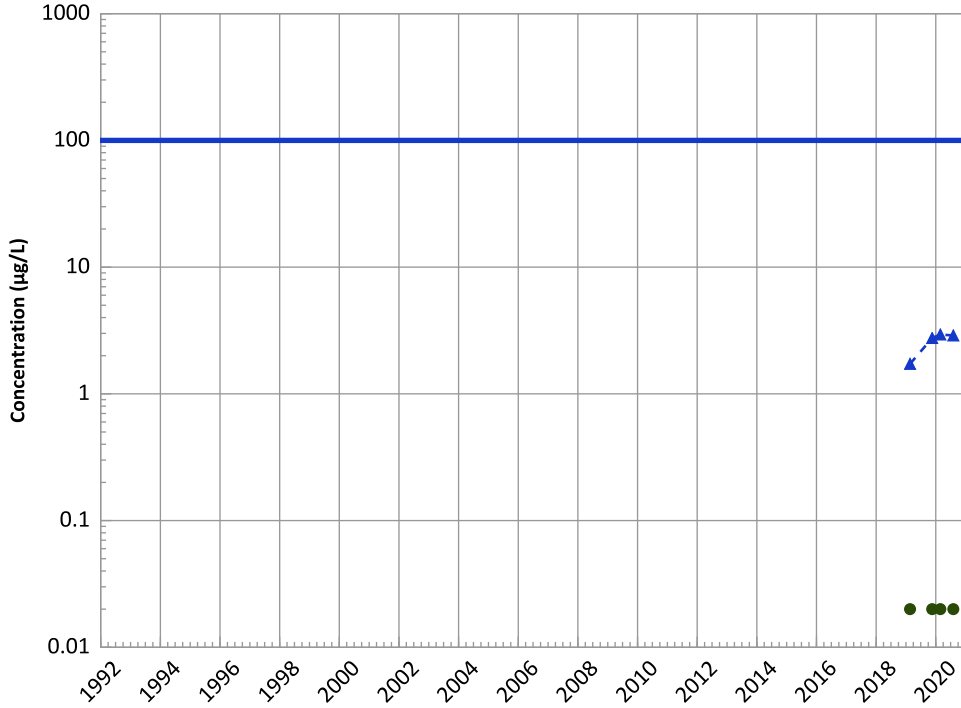


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

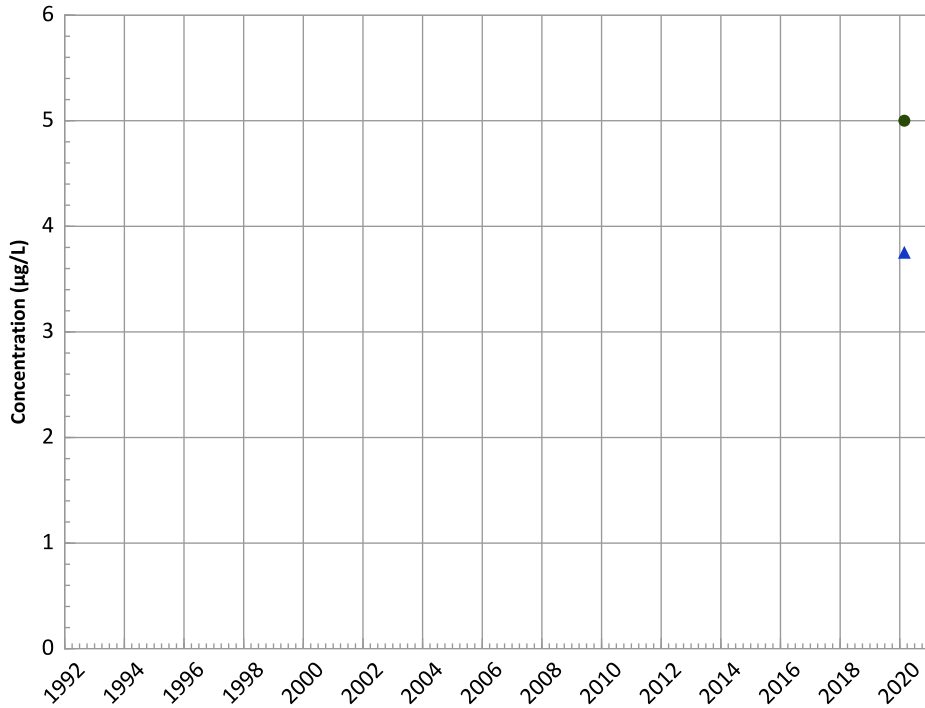
2018 - 2020 Data:

Increasing

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

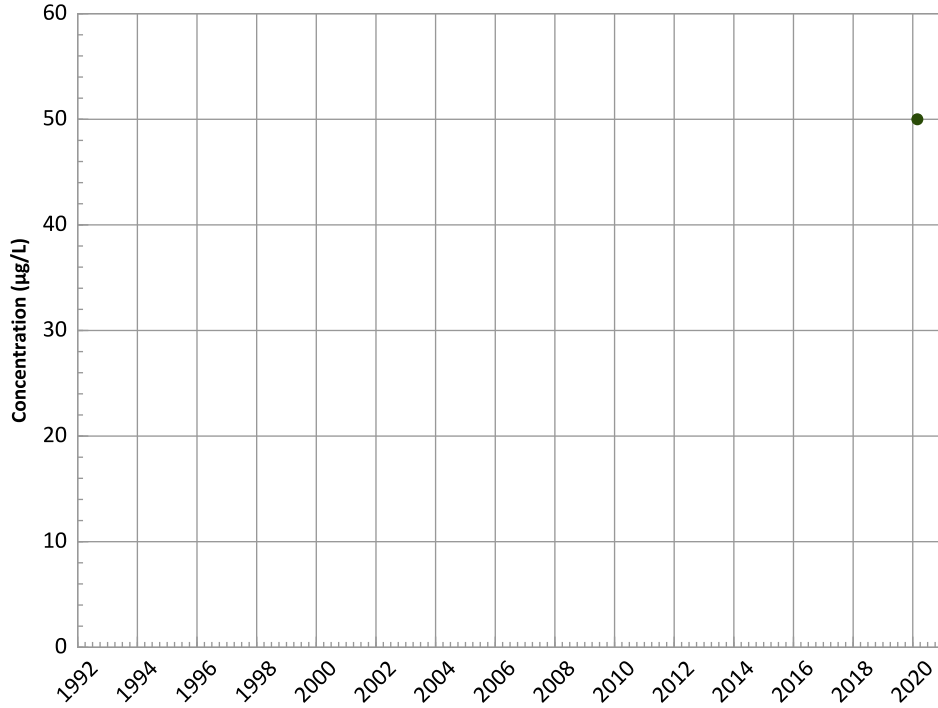
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

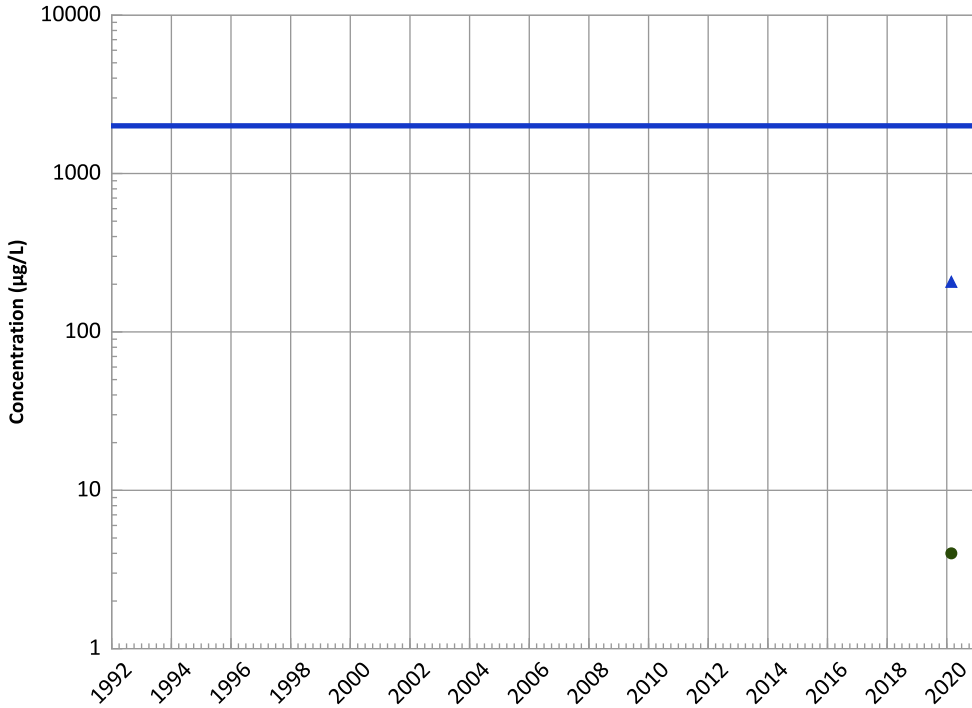


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

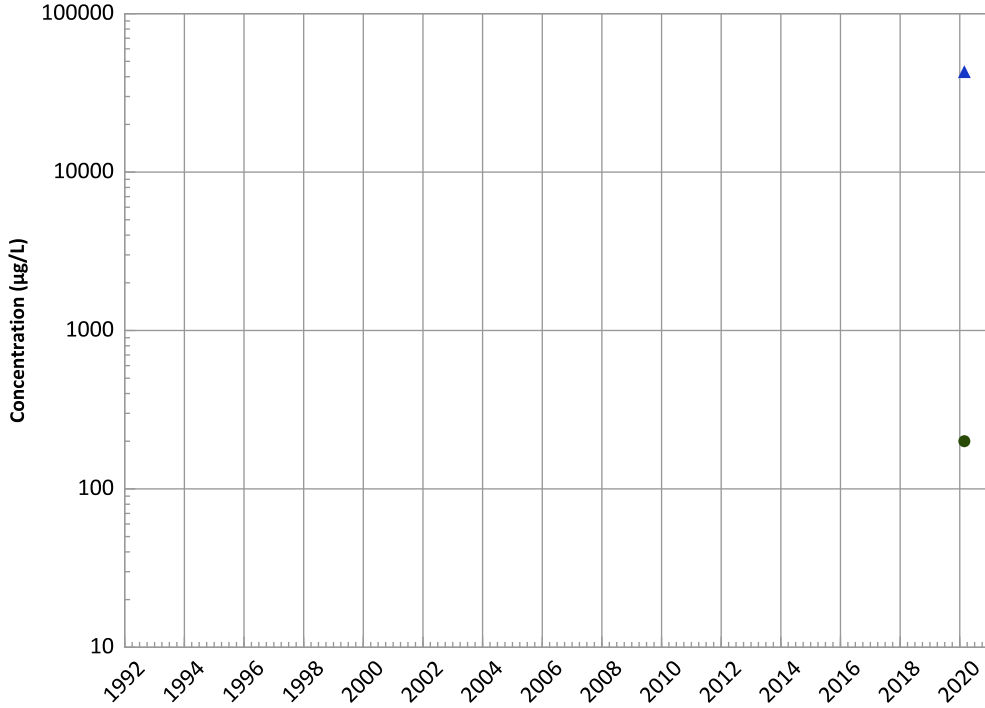


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/20/2019 to 08/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

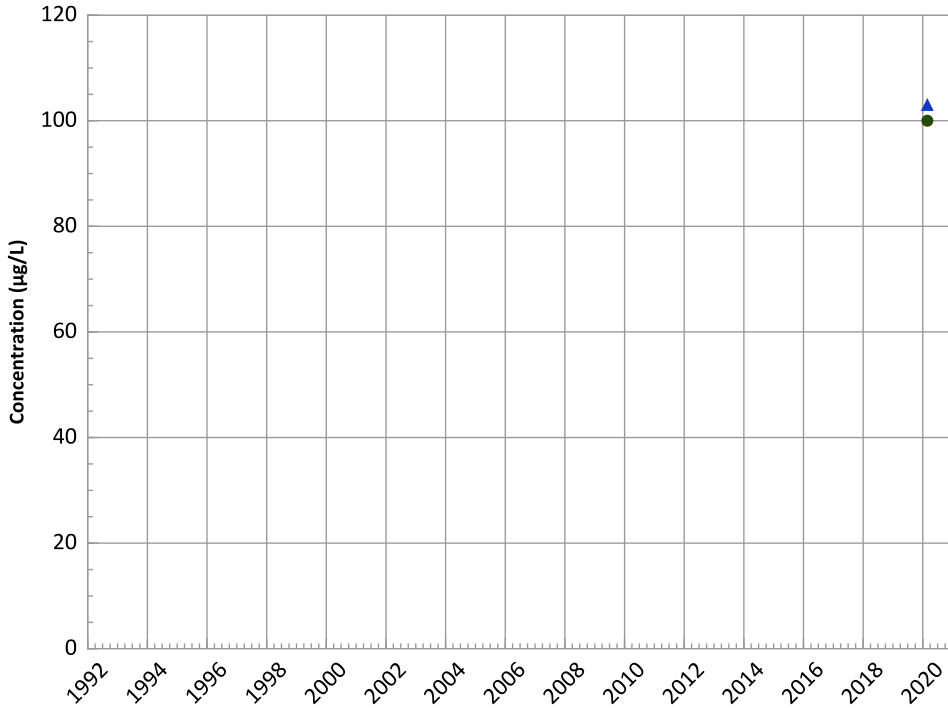
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location



Query Date Range: 01/01/1992 to 12/31/2020

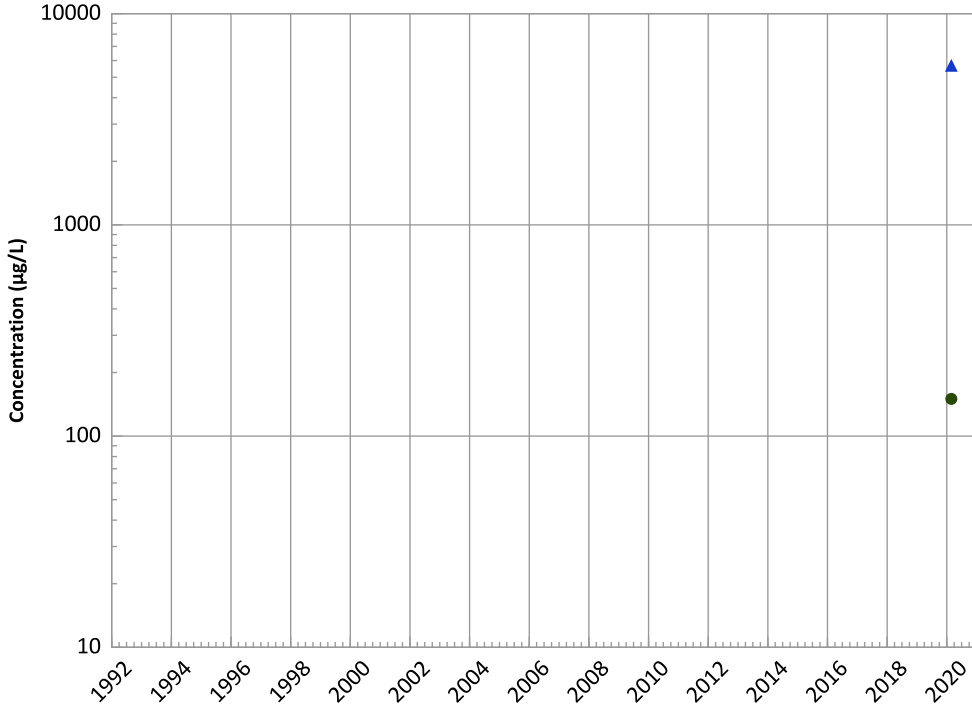
Data Date Range: 02/20/2019 to 08/03/2020

Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

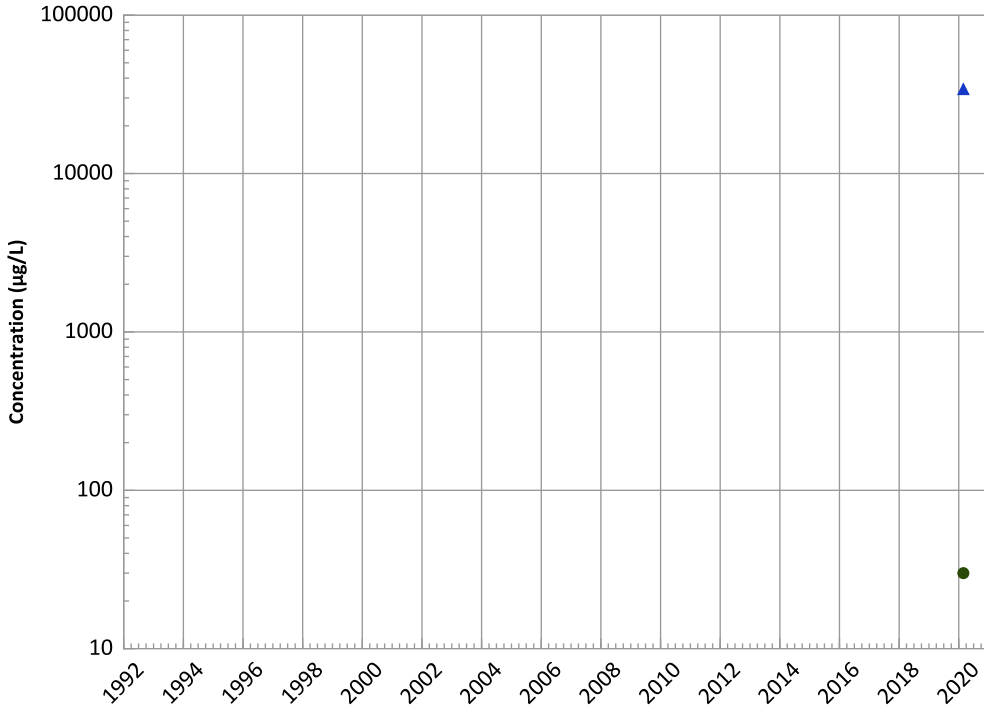
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

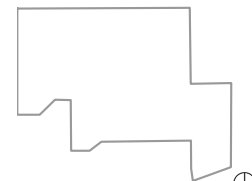
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 02/20/2019 to 08/03/2020

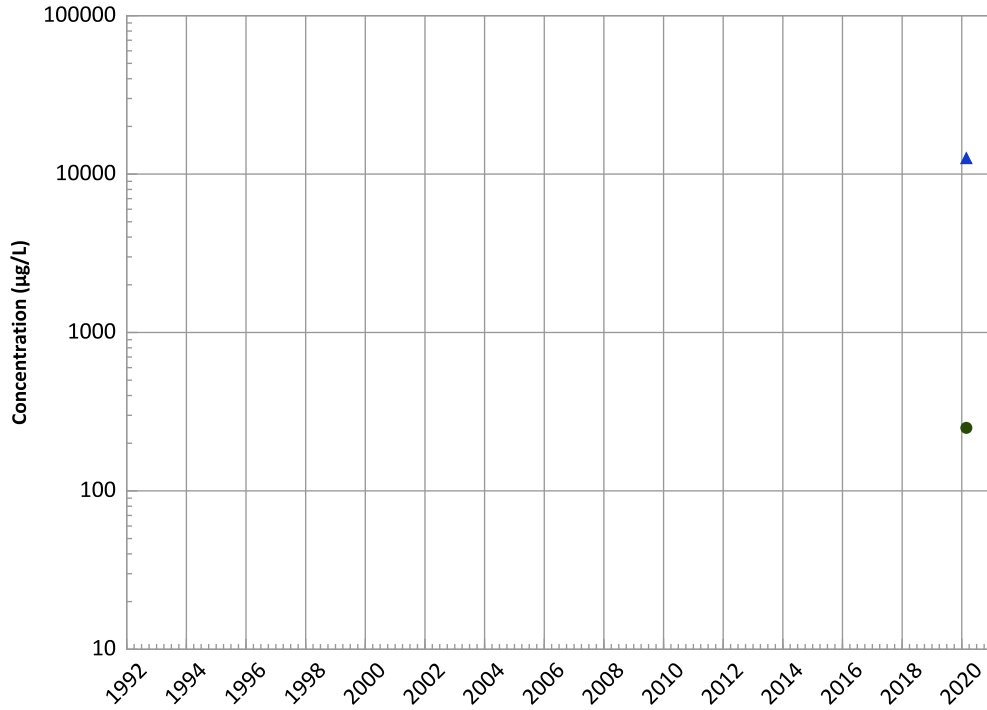
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

All Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

All Data:
 N/A (<4 Detections in Dataset)

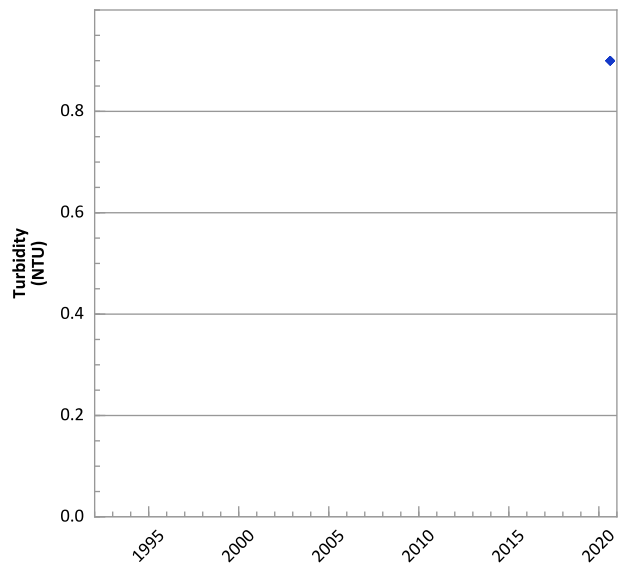
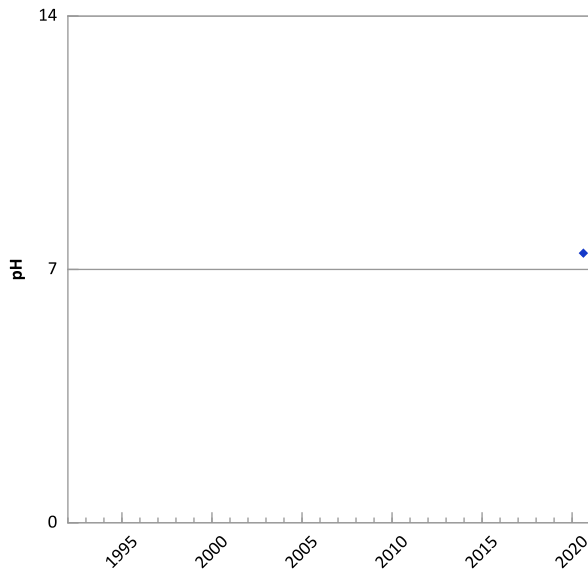
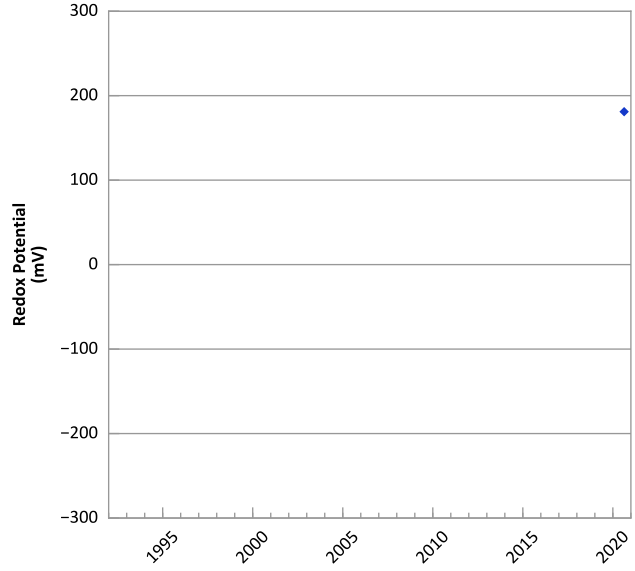
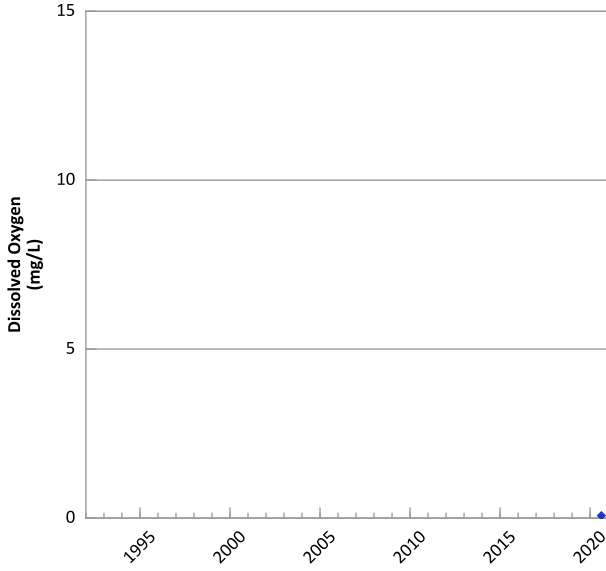
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/20/2019 to 08/03/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

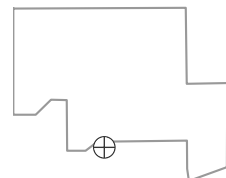


PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



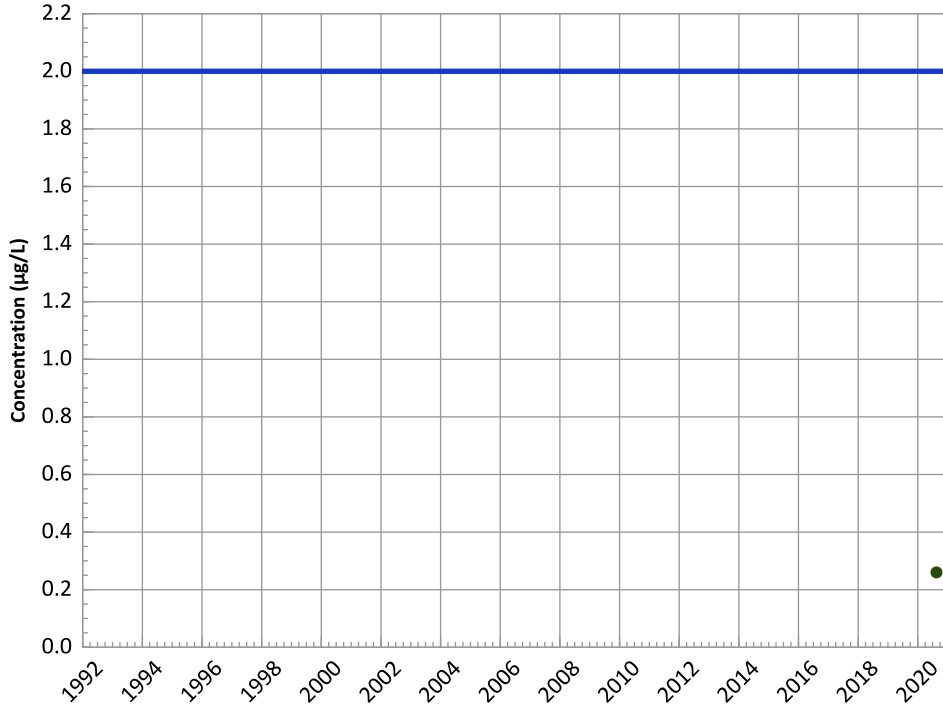
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

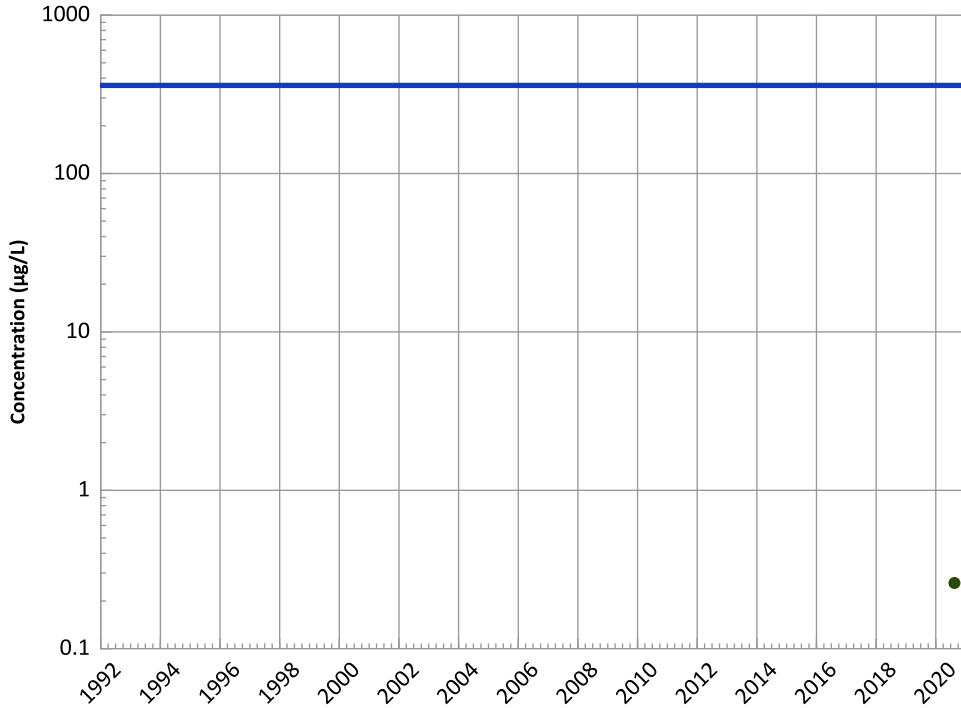
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

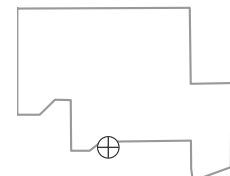
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

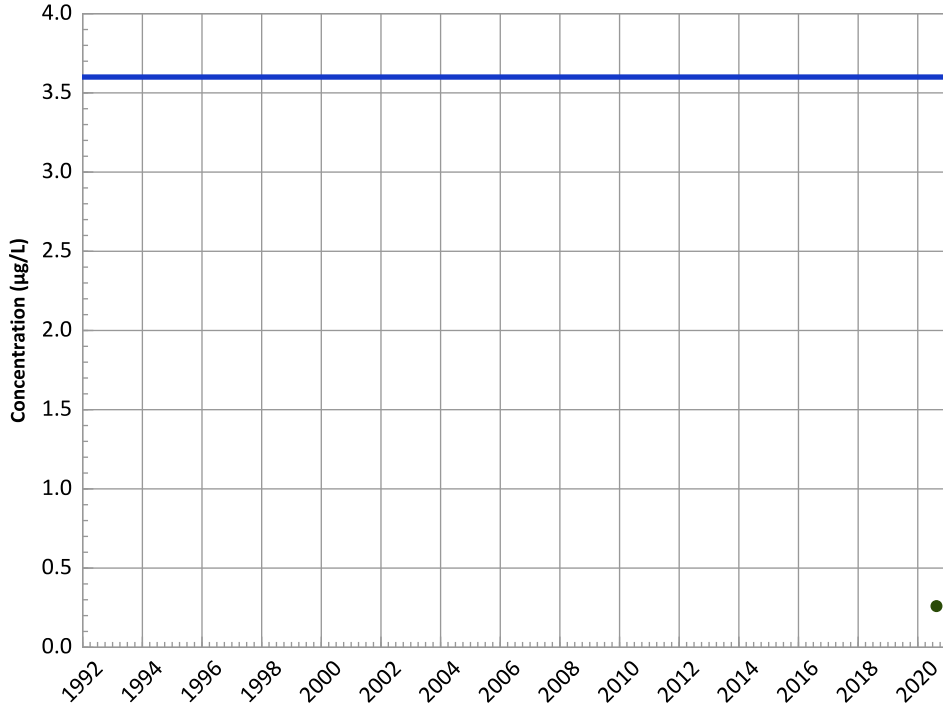


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

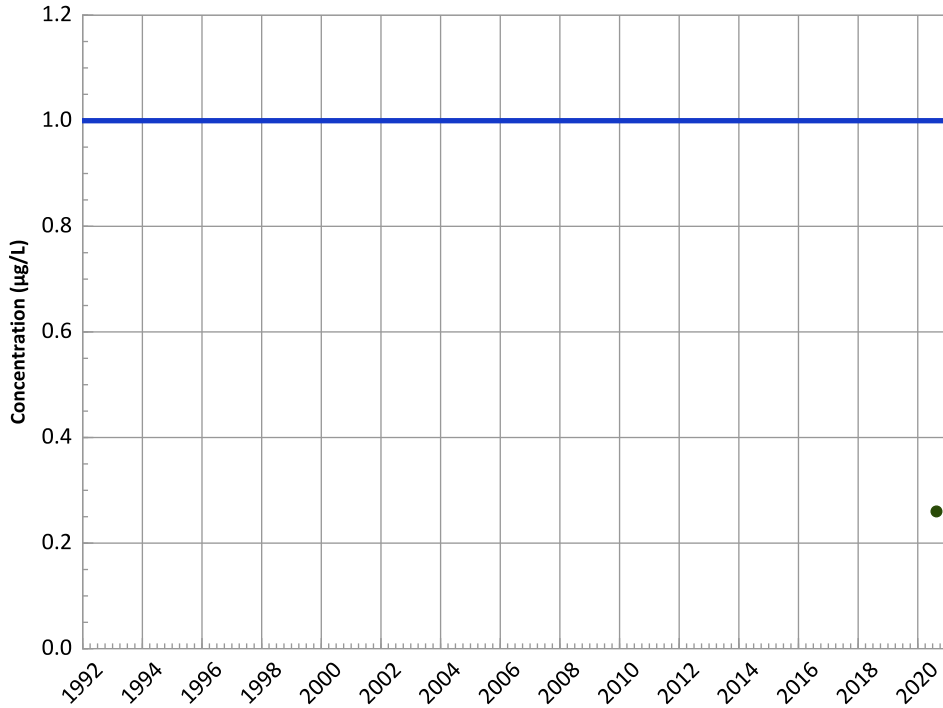
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

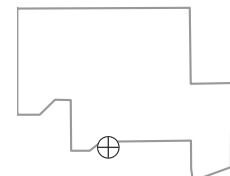
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location



Query Date Range: 01/01/1992 to 12/31/2020

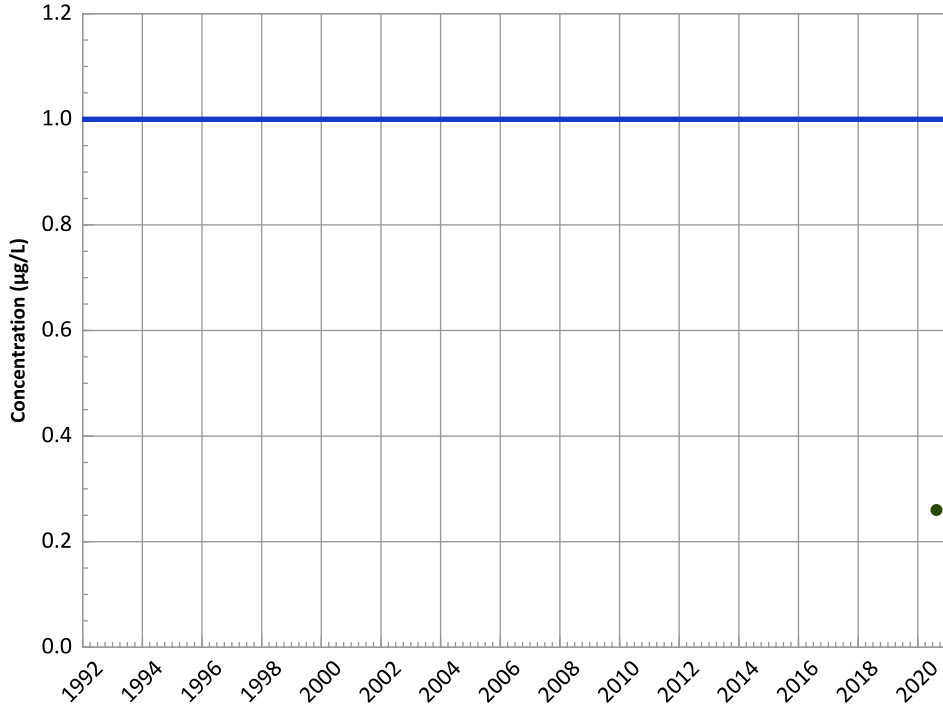
Data Date Range: 08/17/2020 to 08/17/2020

Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

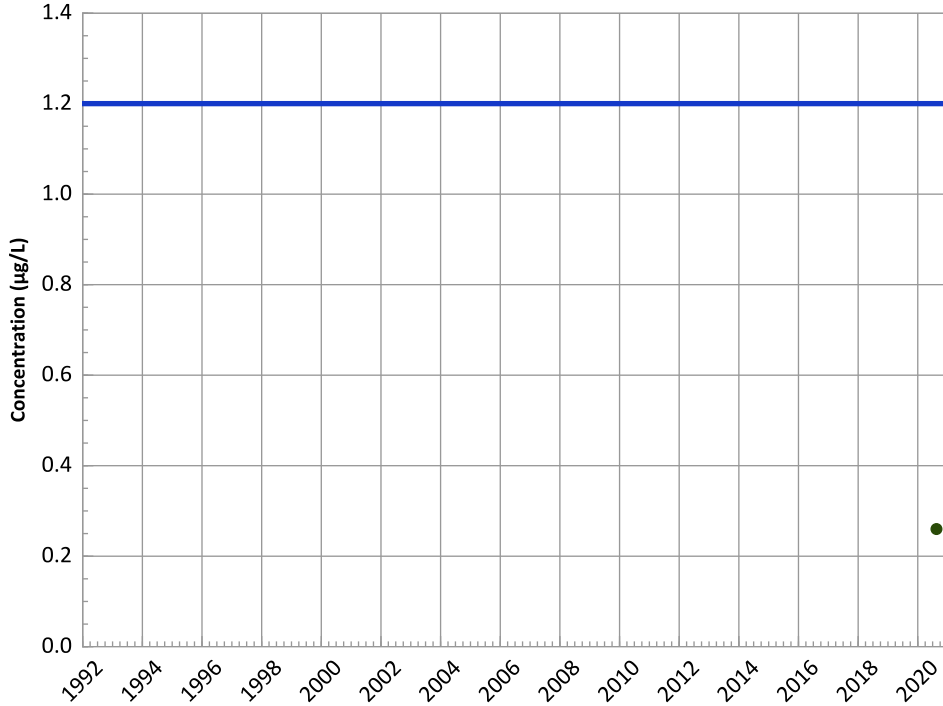
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

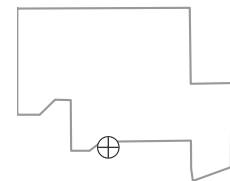
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

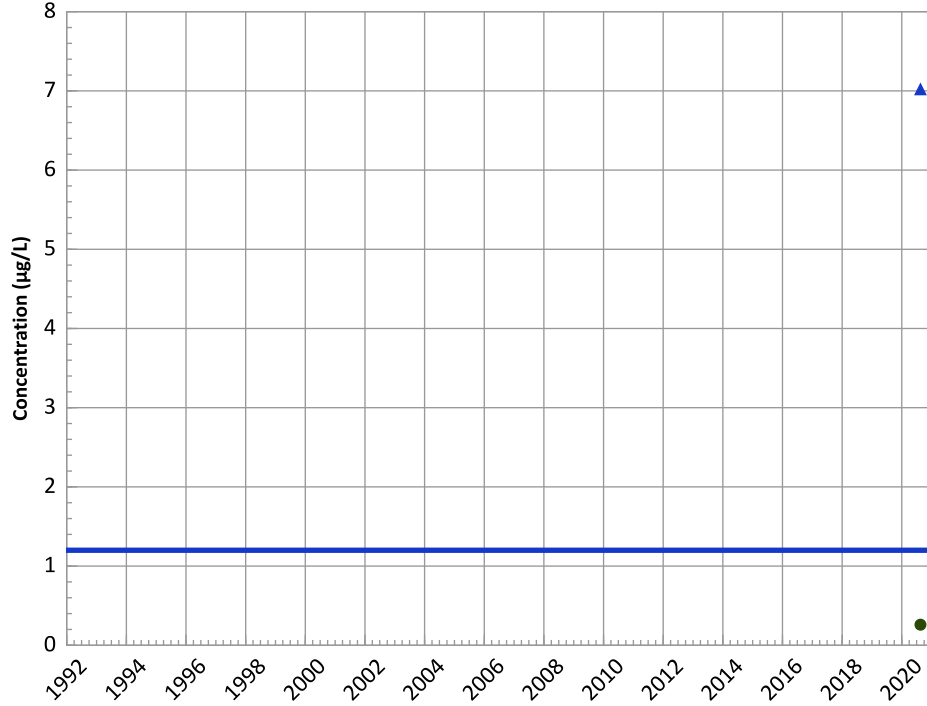


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

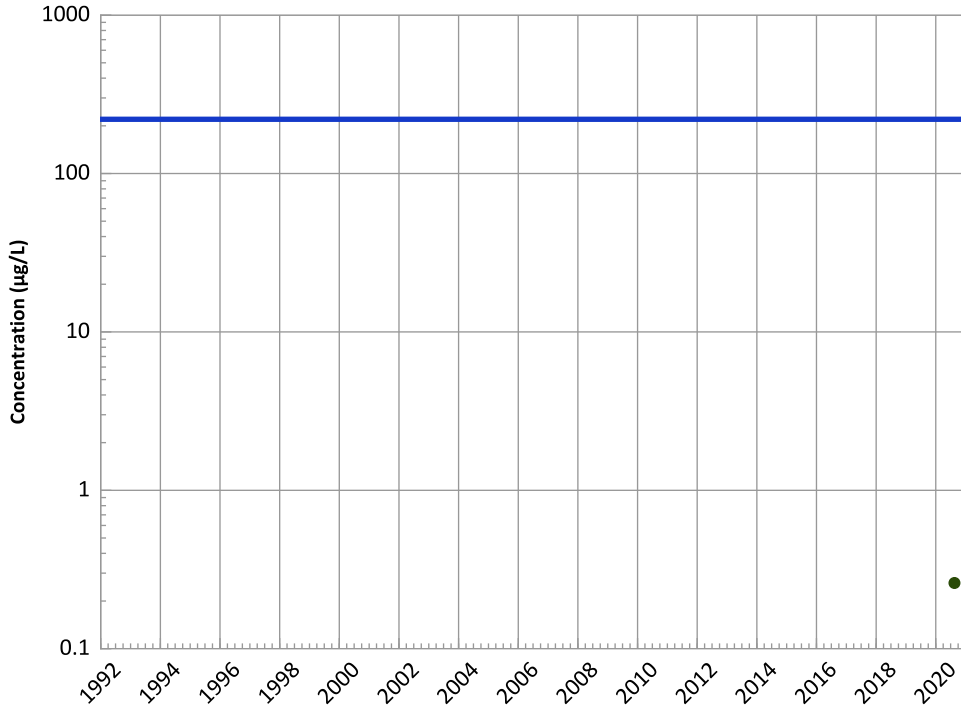
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

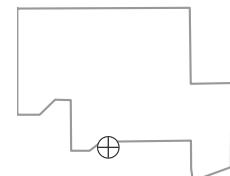
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Non-Detect

Well Location

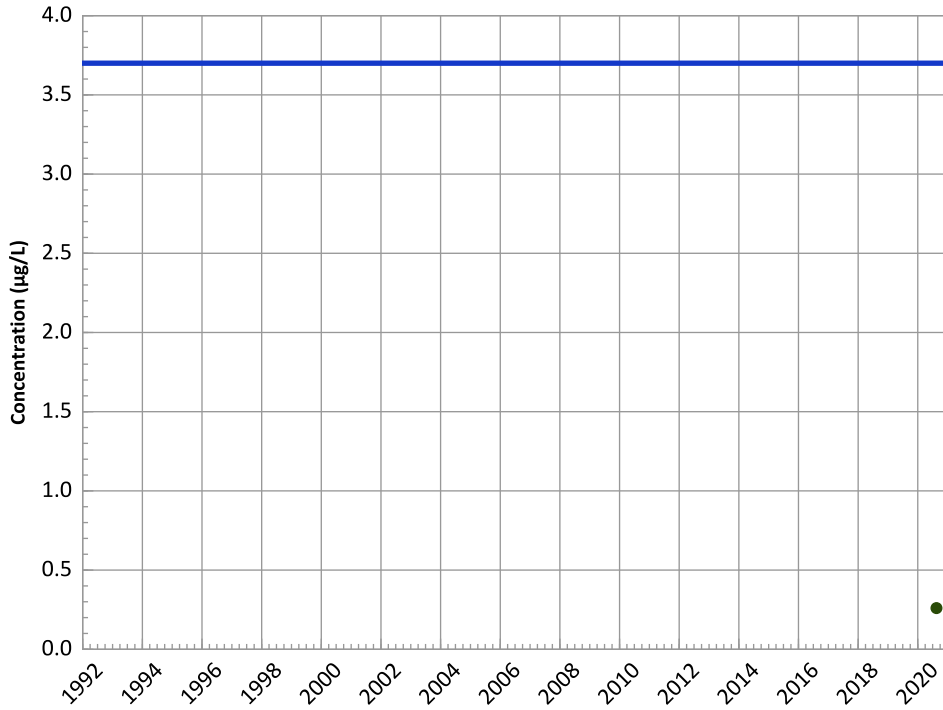


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

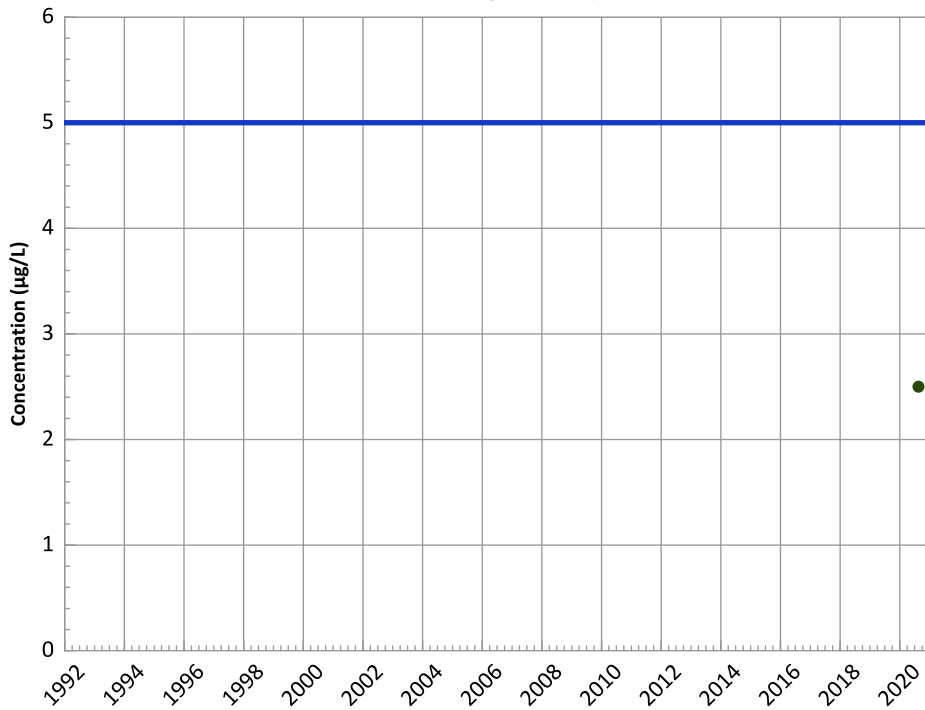
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

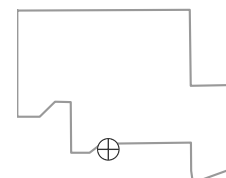
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

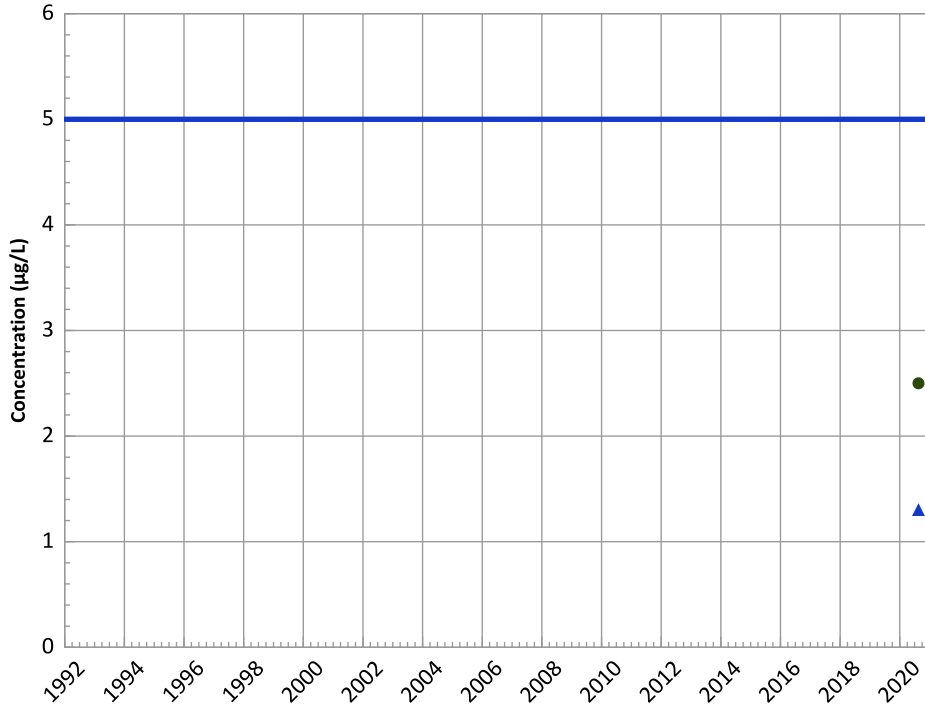


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

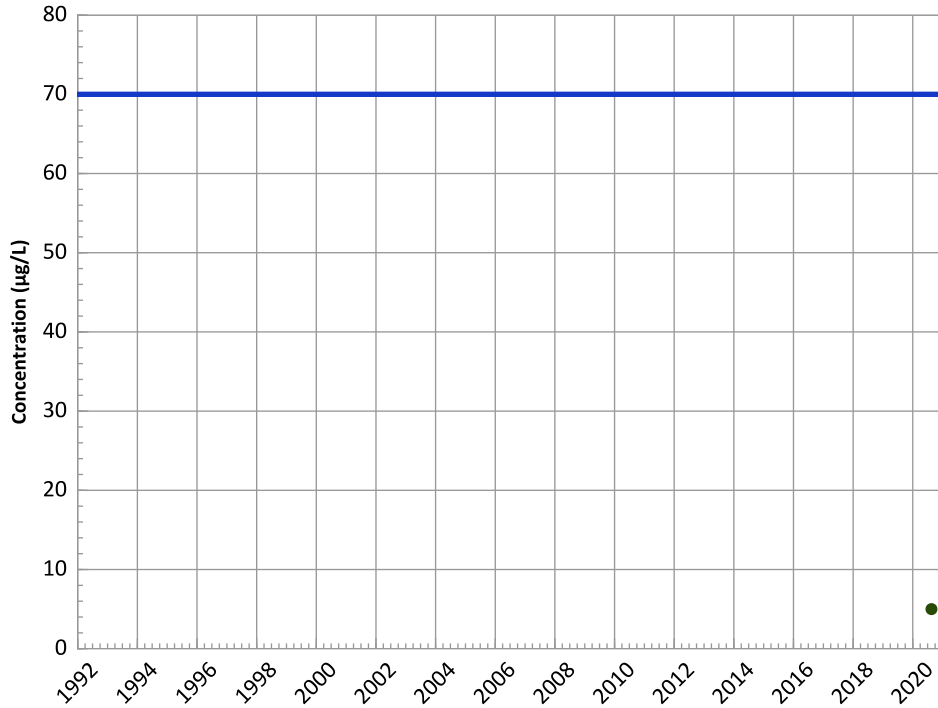


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

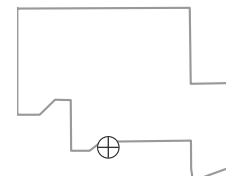
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

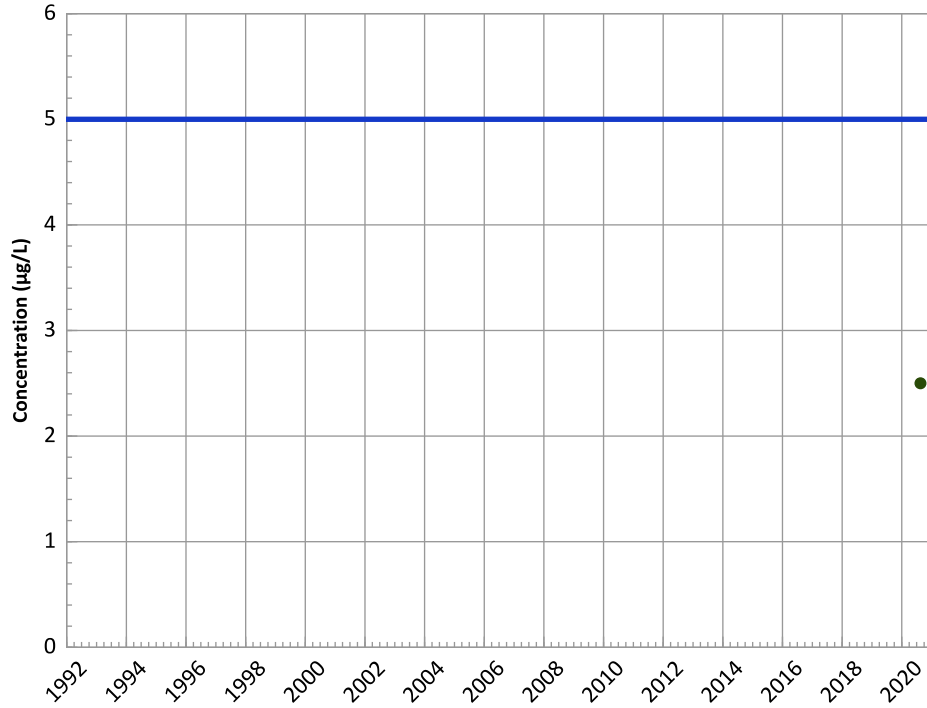
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

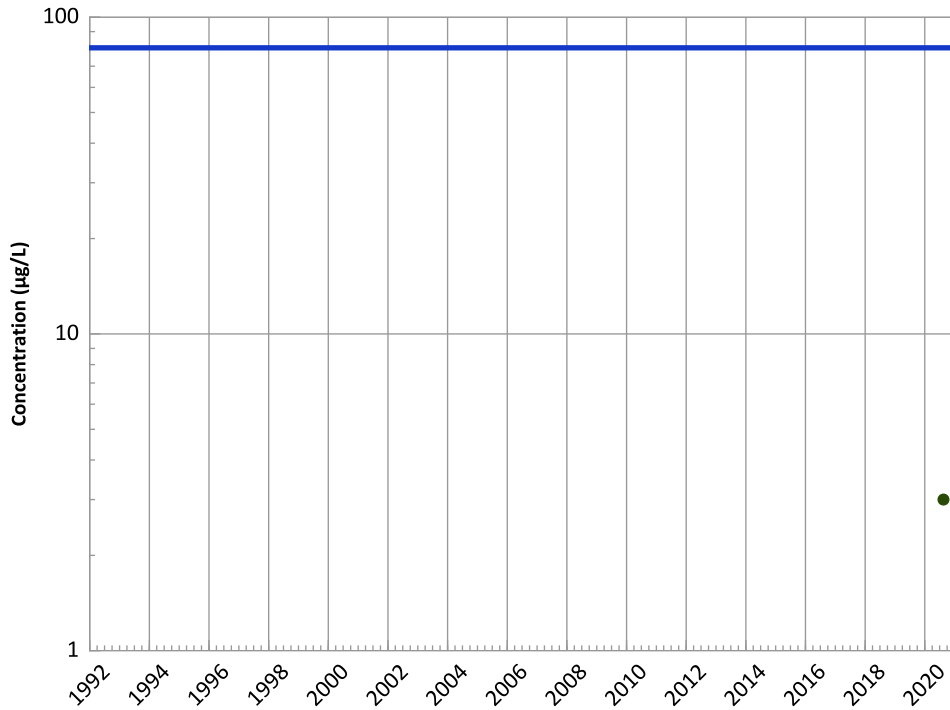
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

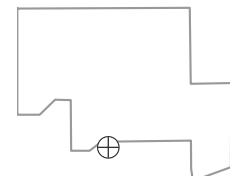
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

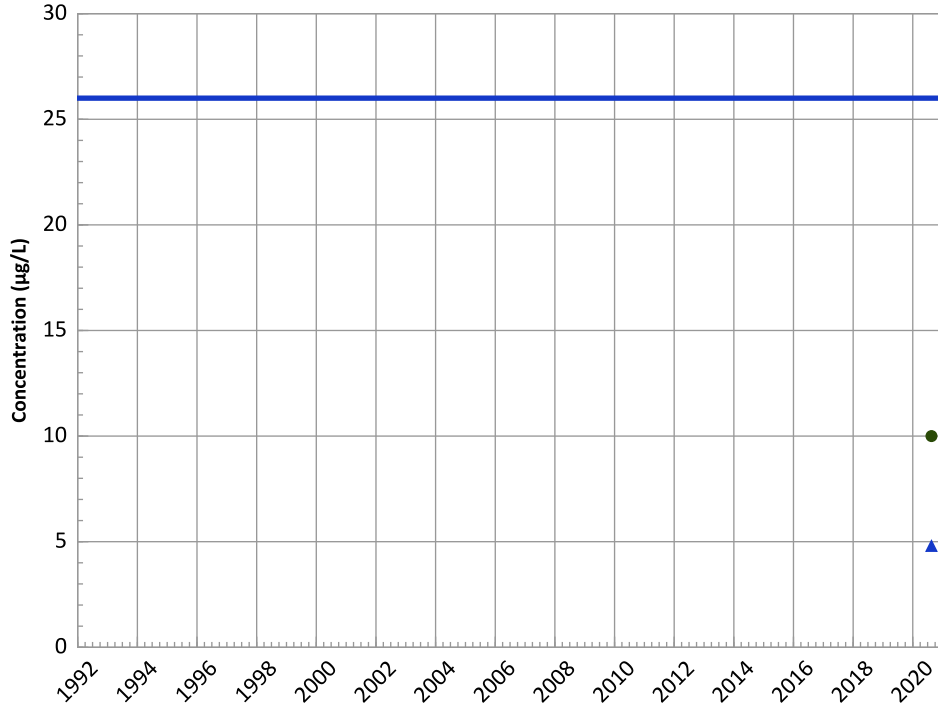


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

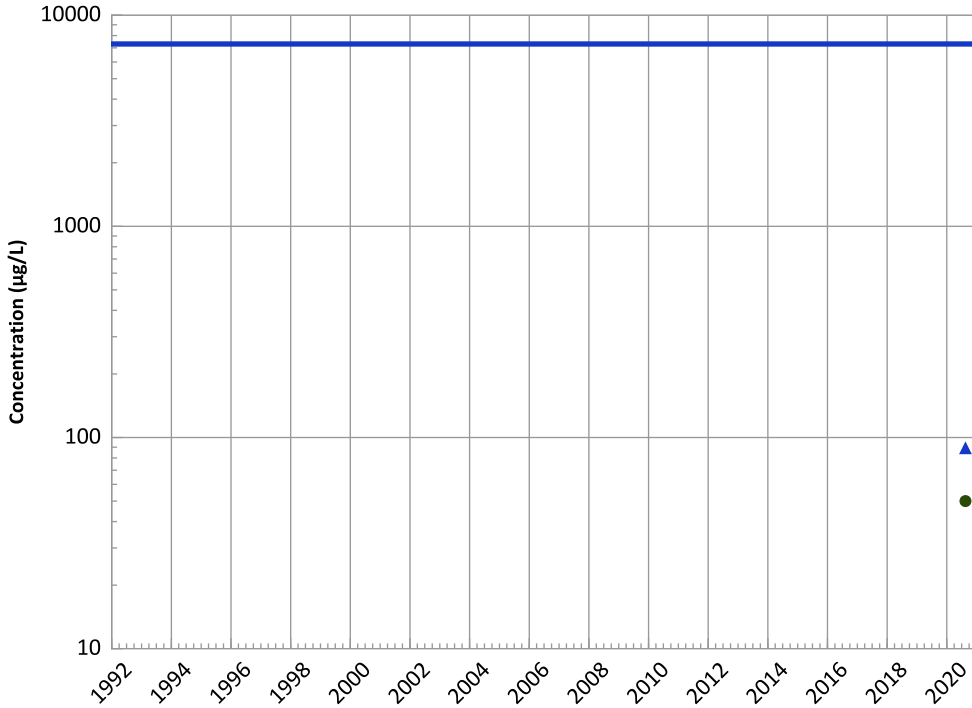
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

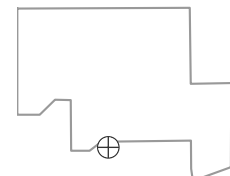
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

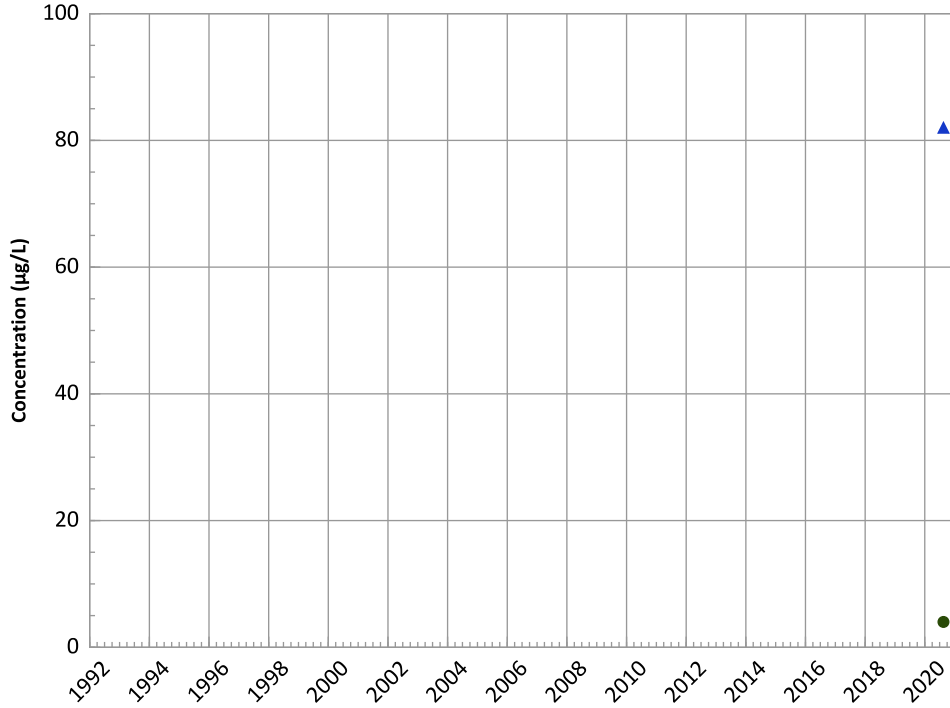


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

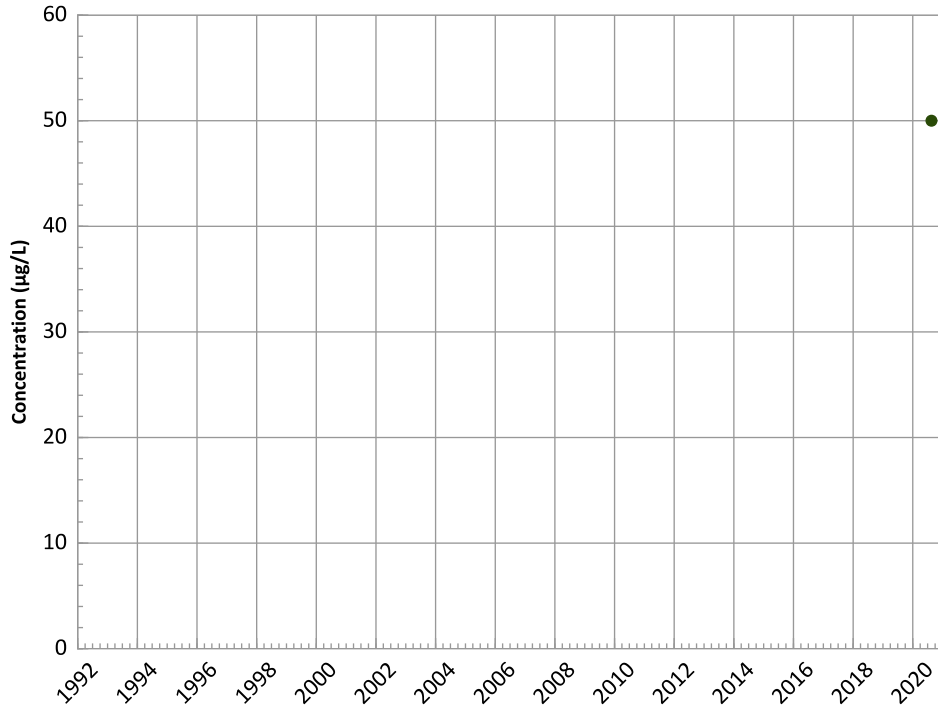
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

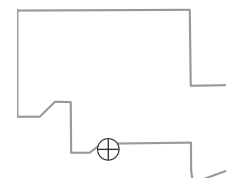
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Non-Detect

Well Location

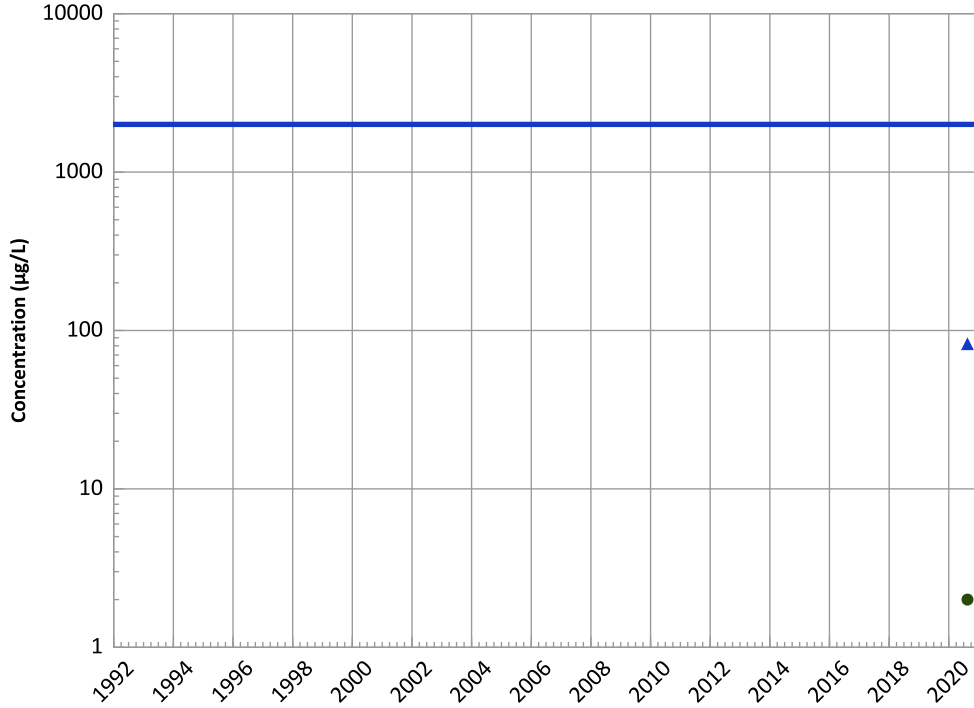


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

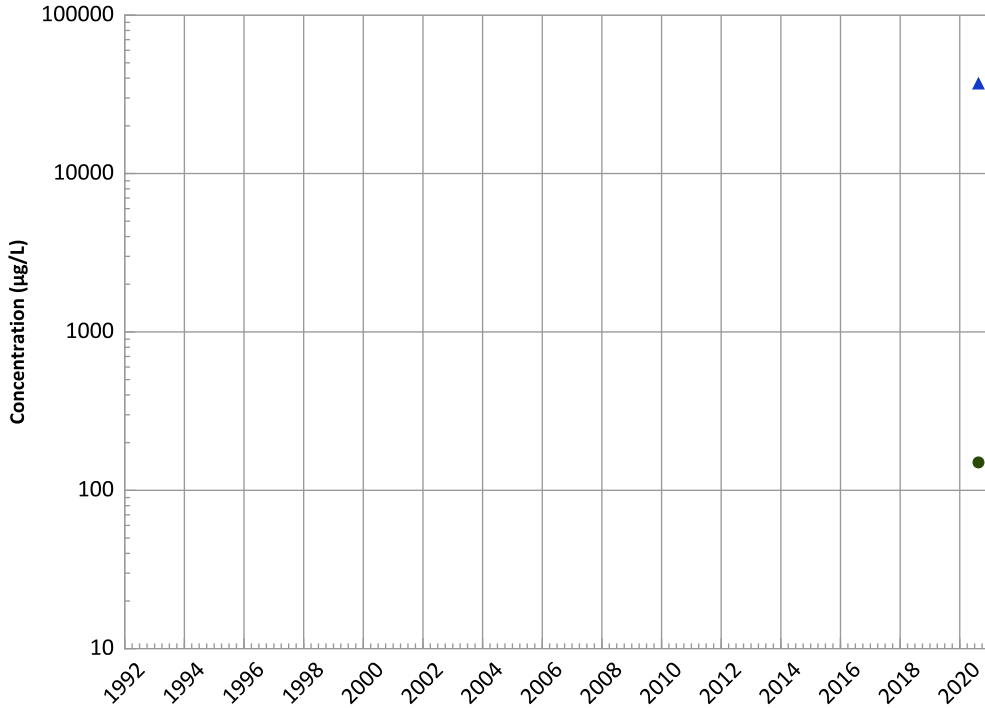
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

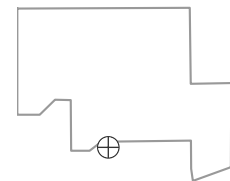
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

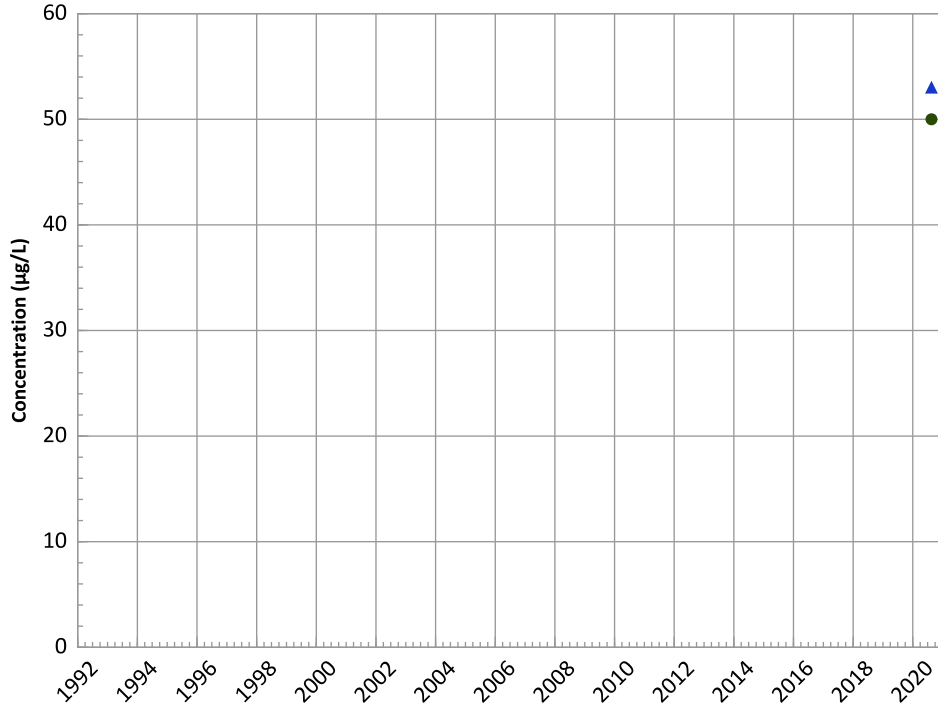


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

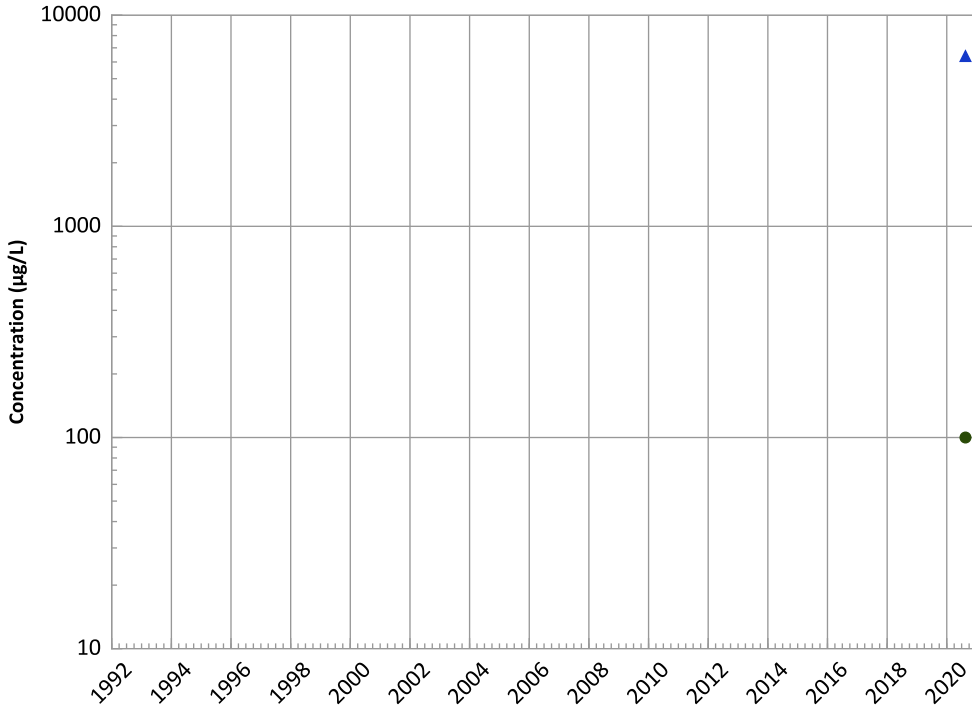


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Potassium Trend

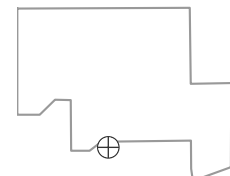


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

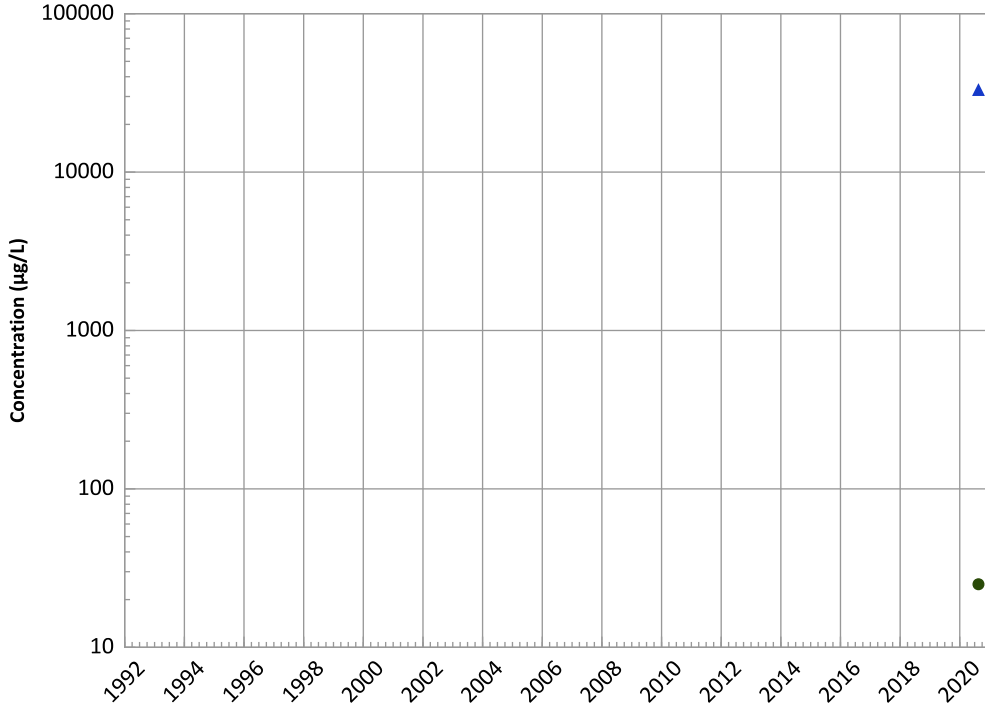


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

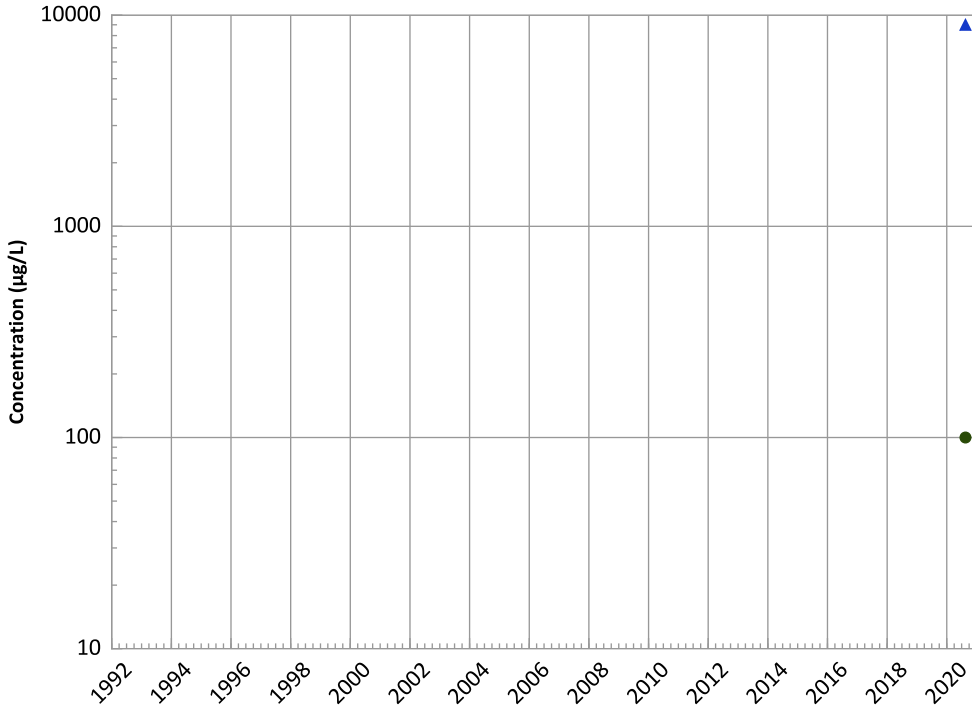


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Sodium Trend

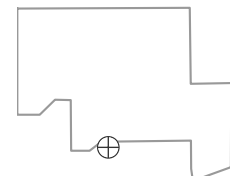


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

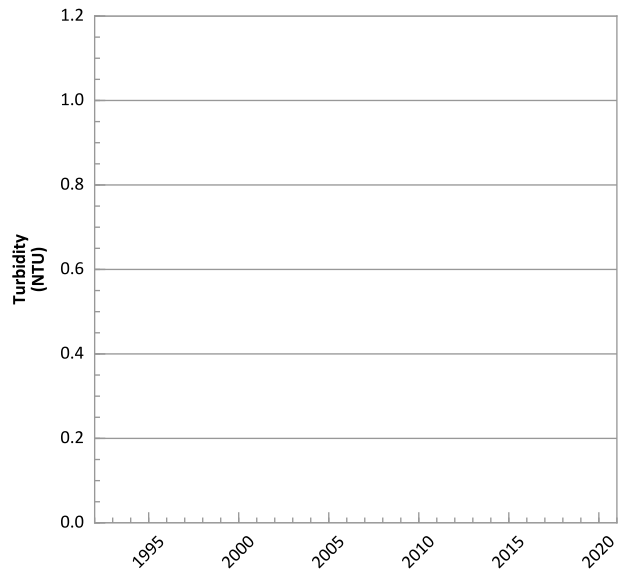
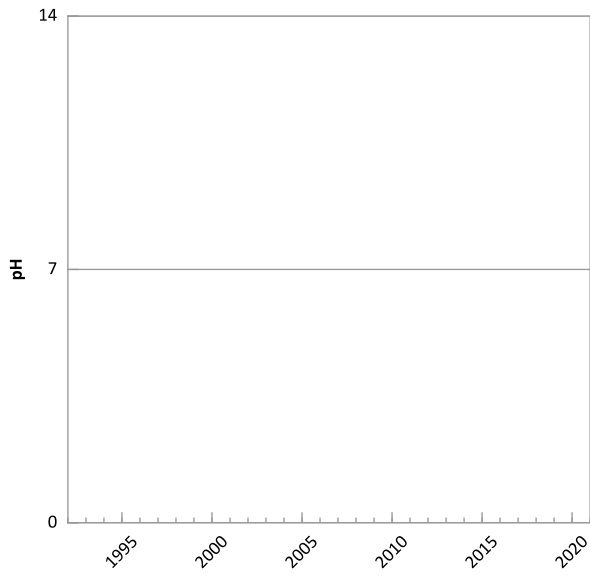
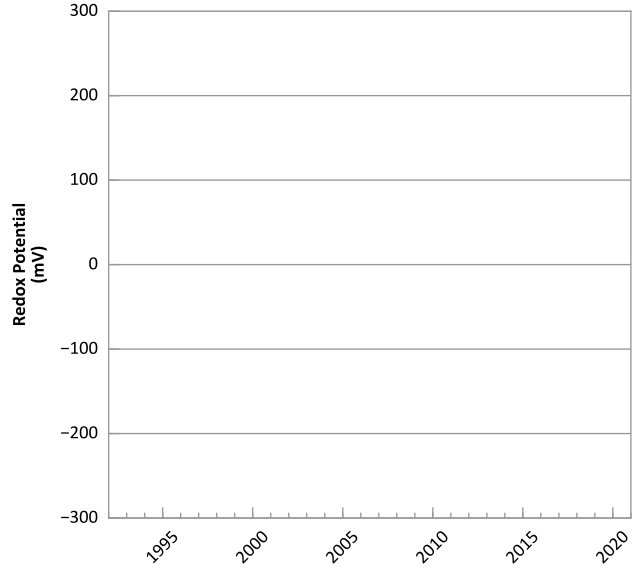
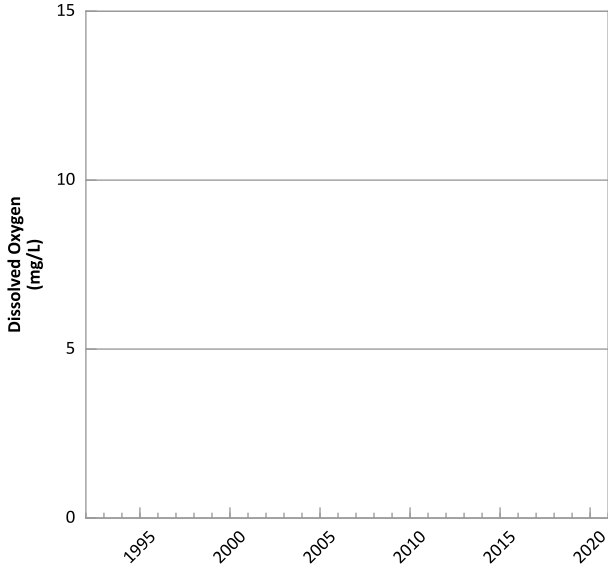
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/17/2020 to 08/17/2020
Analysis Date: 06/03/2021

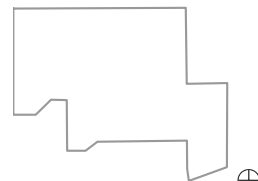
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



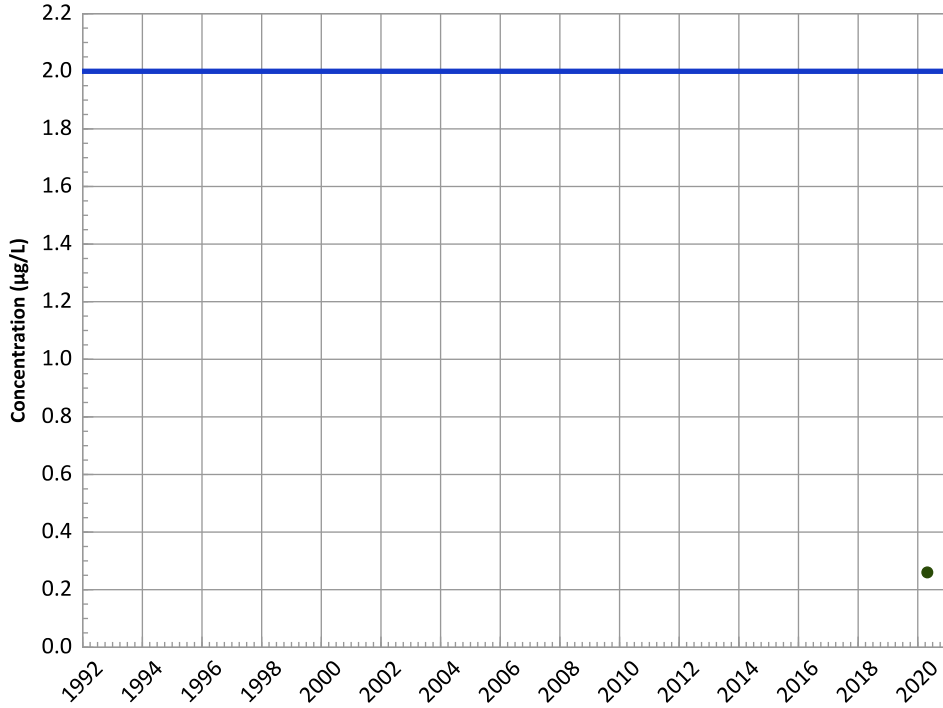
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/27/2020 to 04/27/2020
Analysis Date: 06/03/2021

Well Location



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

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

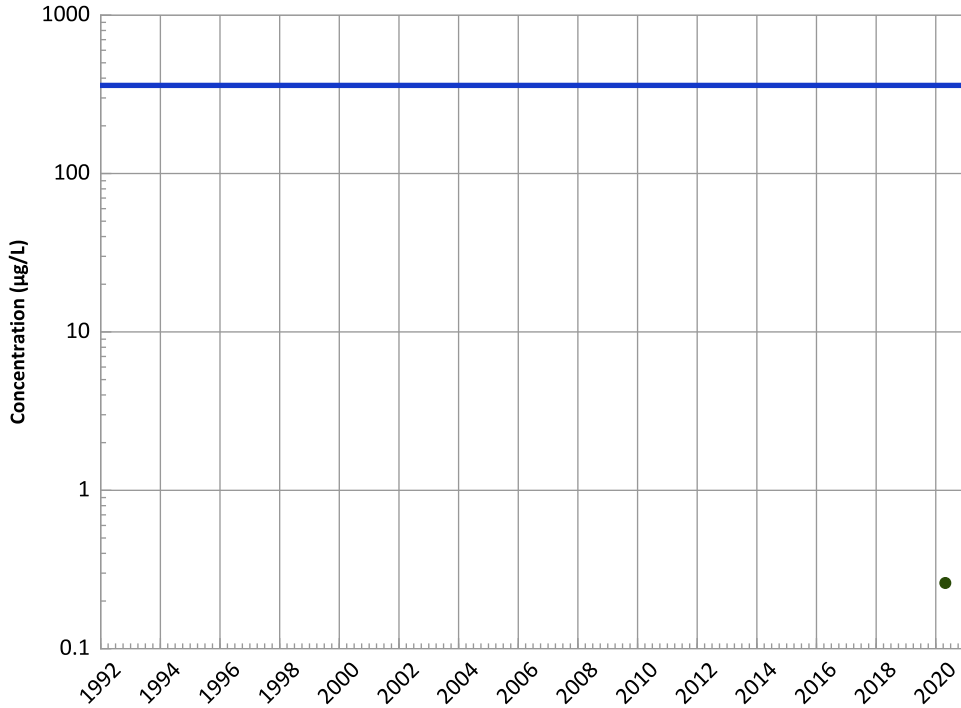
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

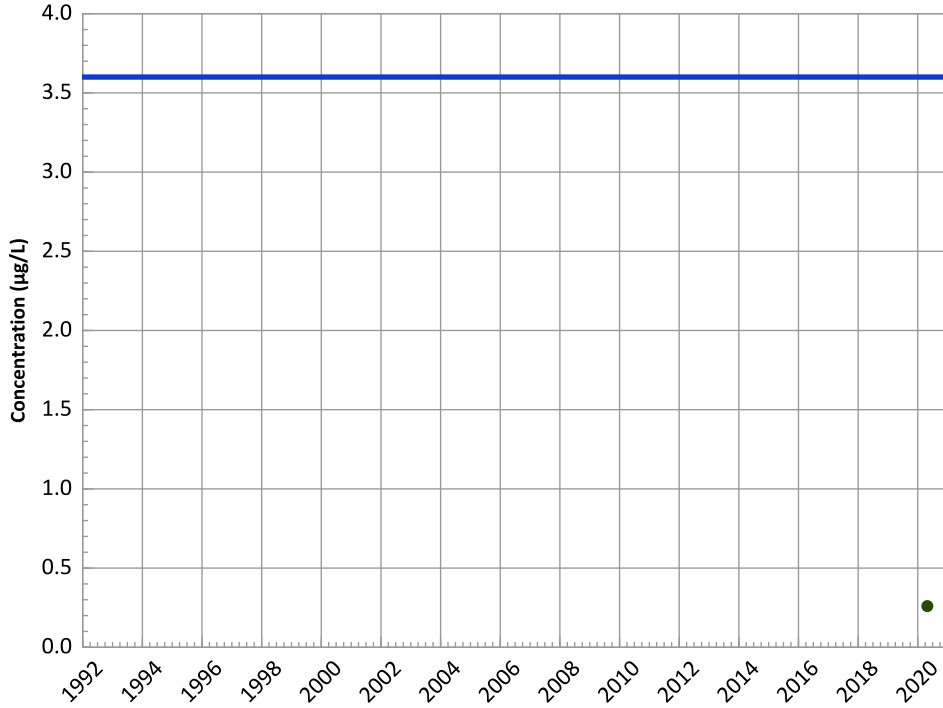


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/27/2020 to 04/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

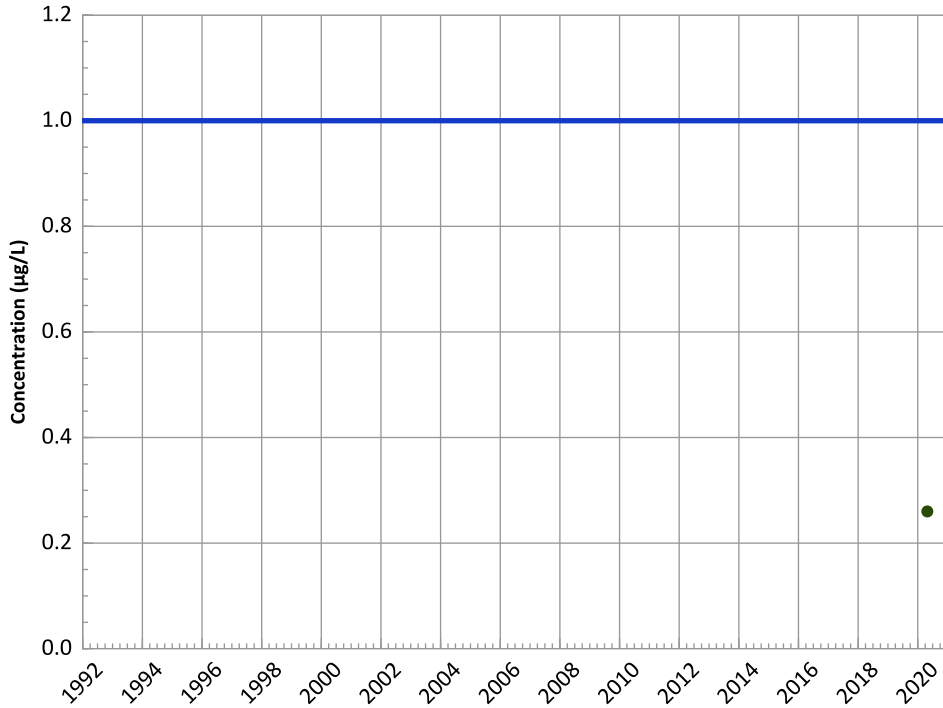
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

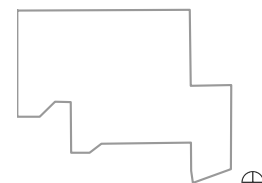
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 04/27/2020 to 04/27/2020

Analysis Date: 06/03/2021

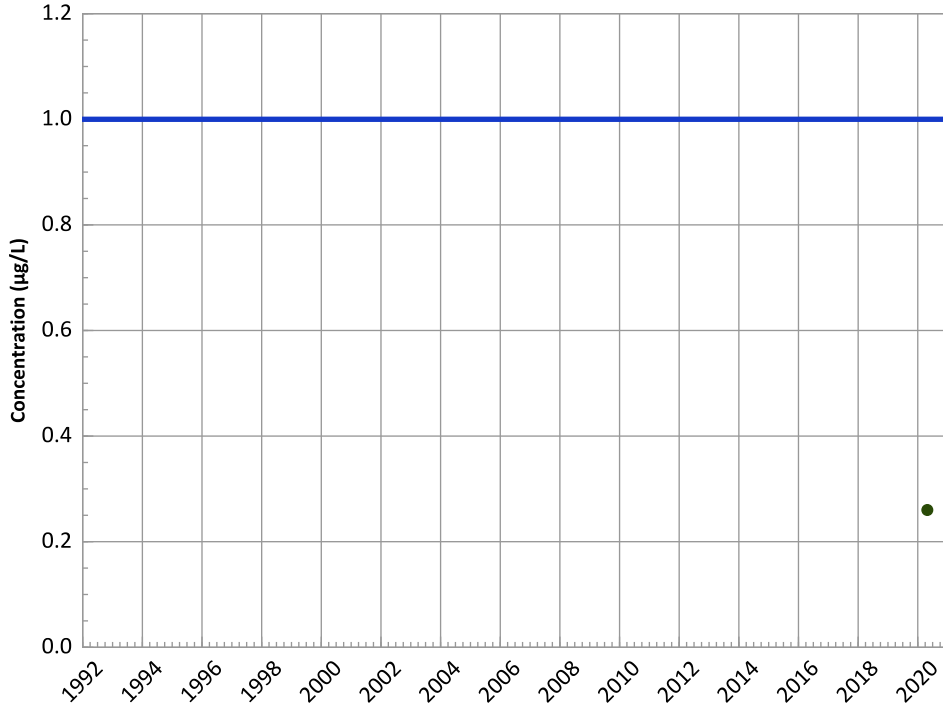
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



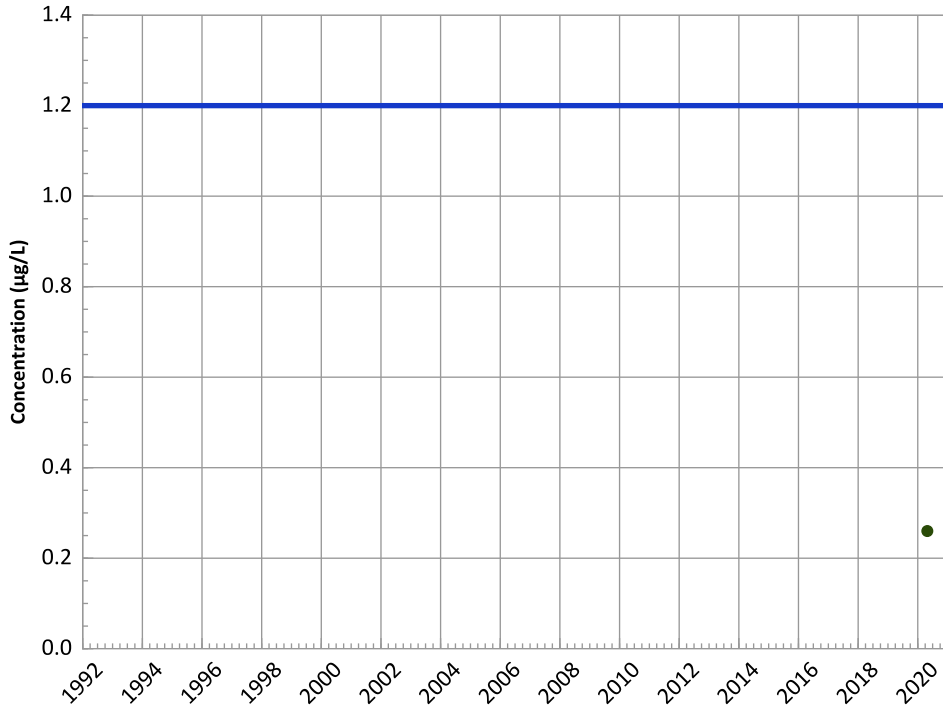
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



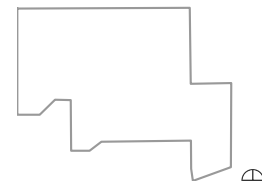
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

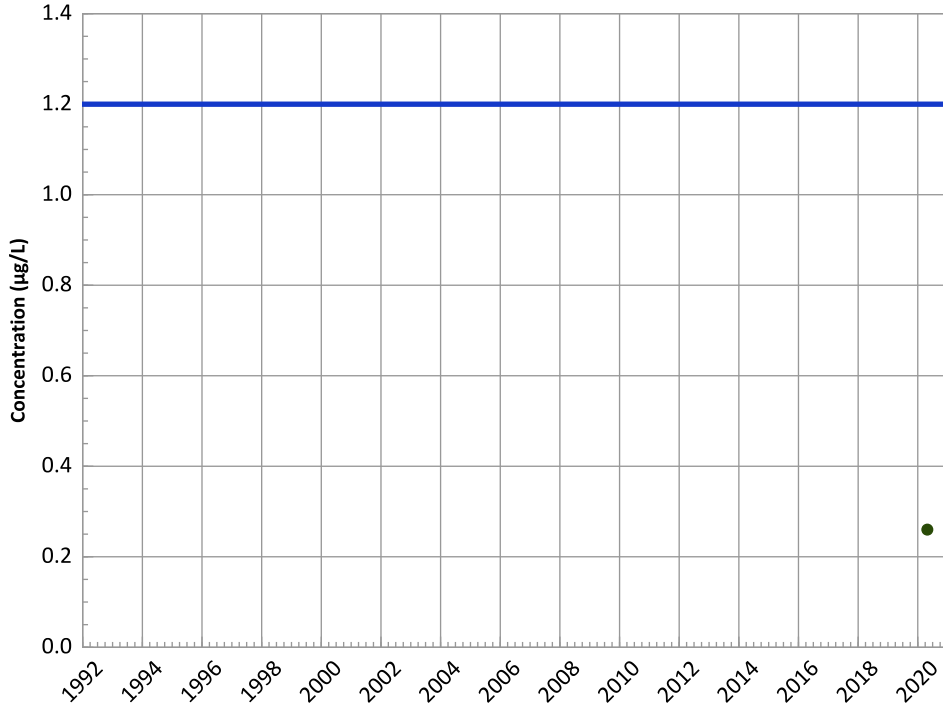


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/27/2020 to 04/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

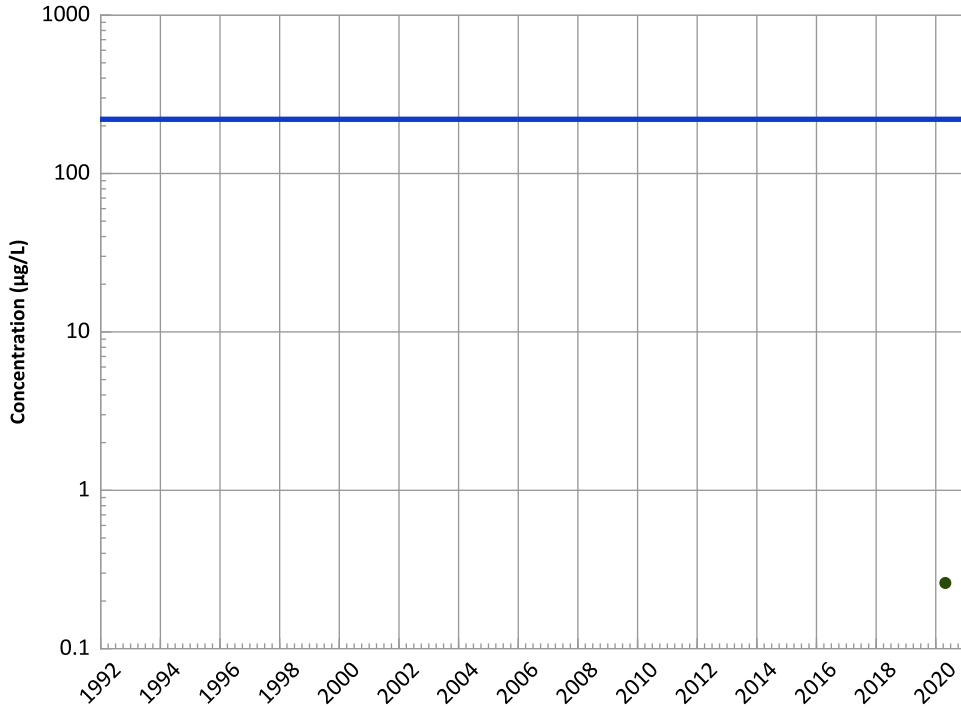
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

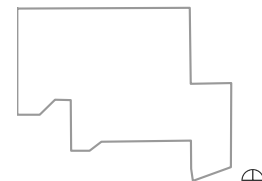
All Data:
All Non-Detect

All Non-Detect

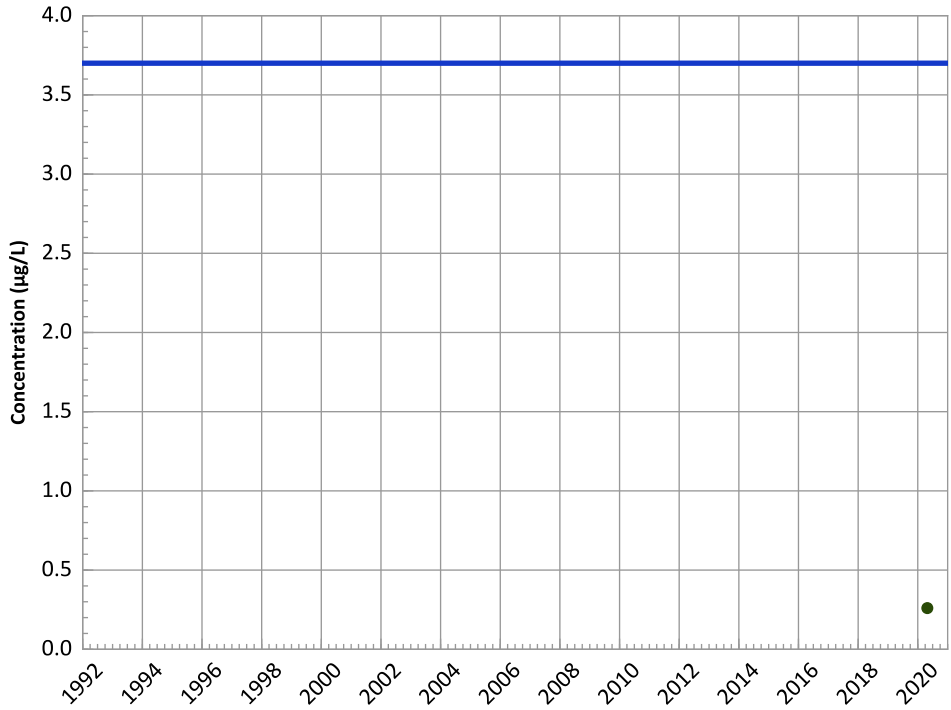
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/27/2020 to 04/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

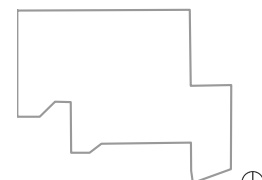
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

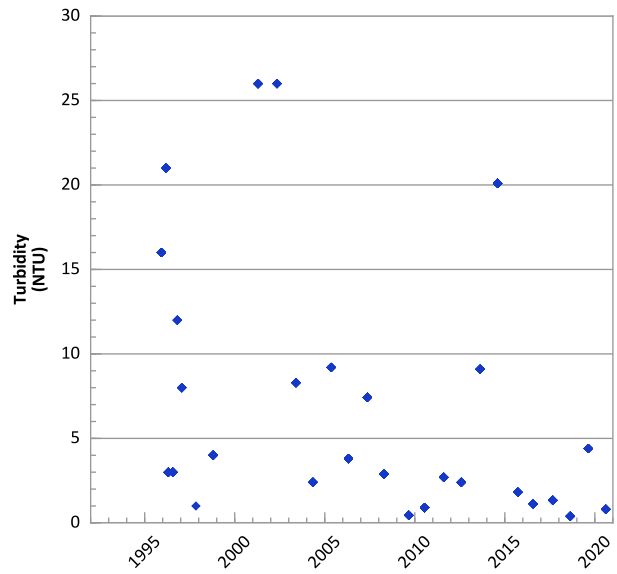
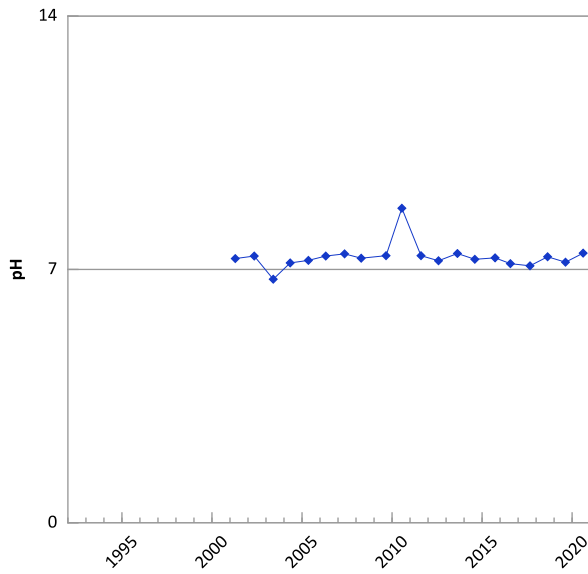
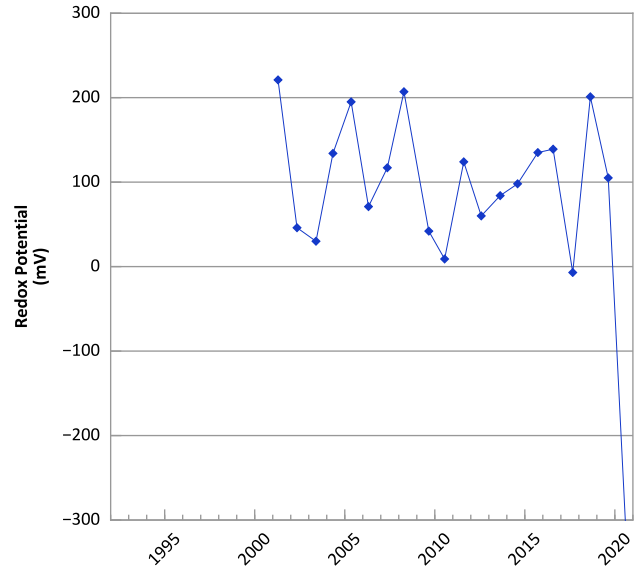
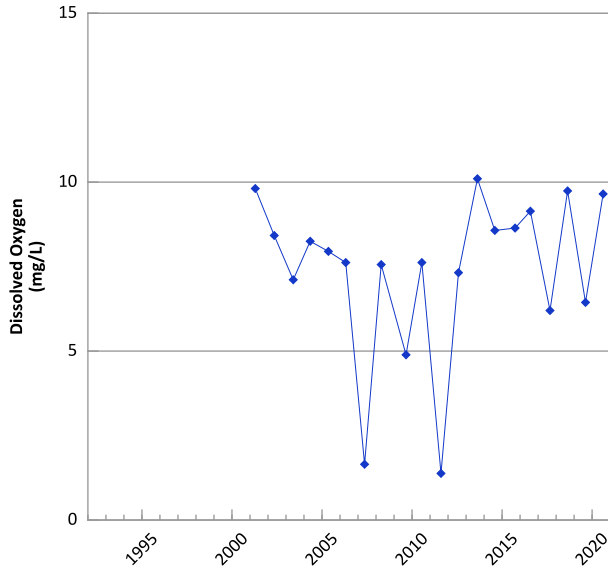
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/27/2020 to 04/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

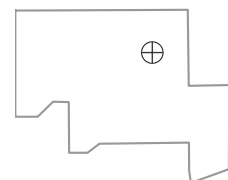


**PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



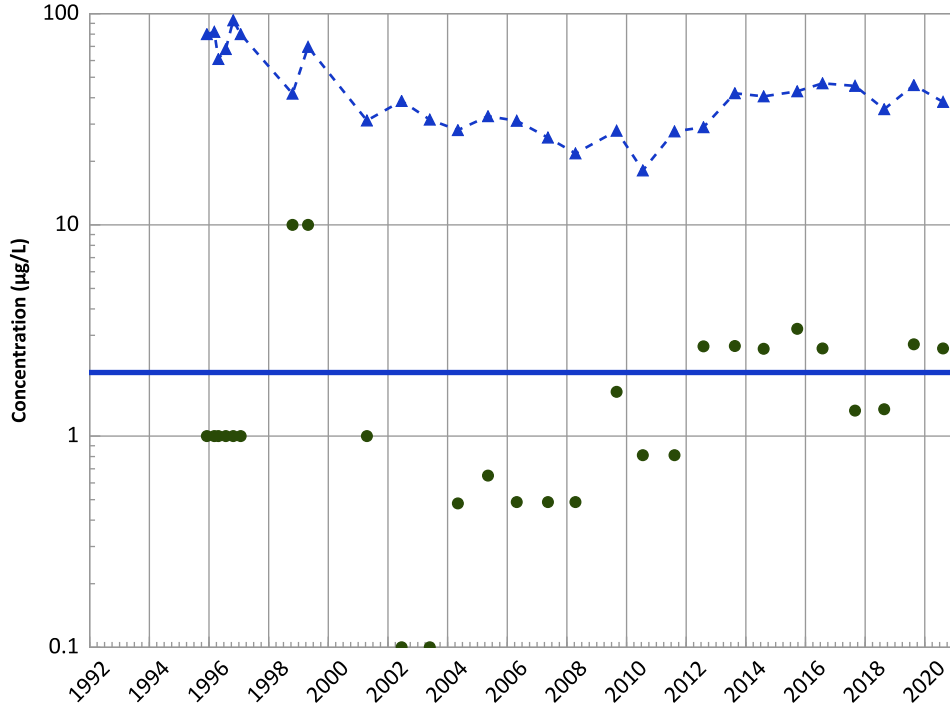
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/06/1995 to 08/12/2020
 Analysis Date: 06/03/2021

Well Location



PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

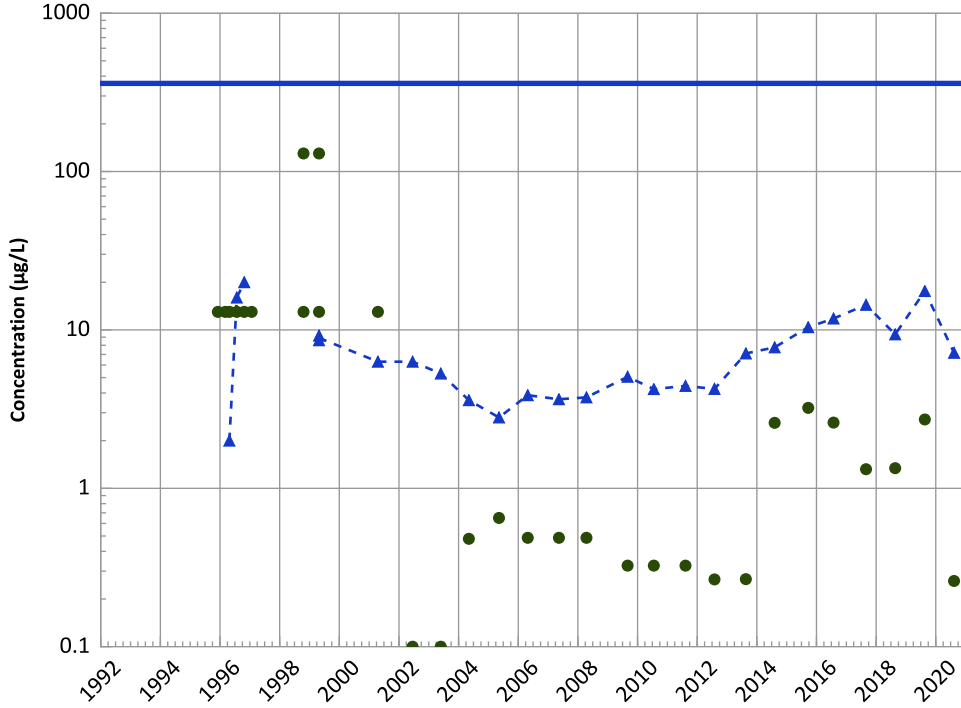
2018 - 2020 Data:

Stable

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

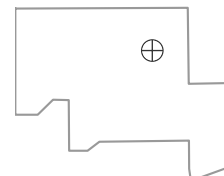
All Data:

No Trend

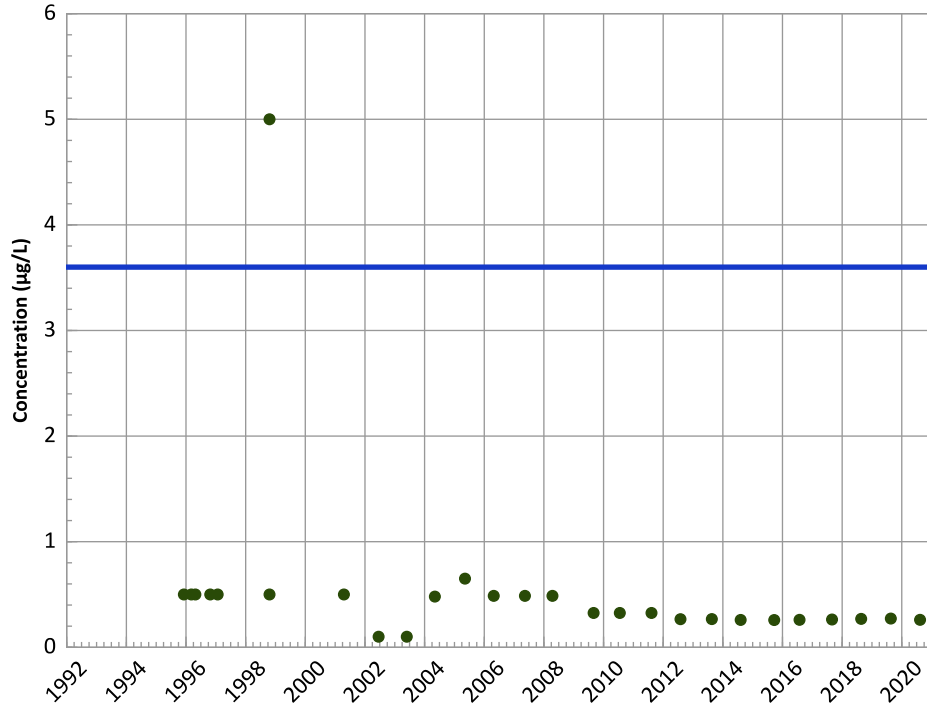
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
TNT (2,4,6-Trinitrotoluene) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

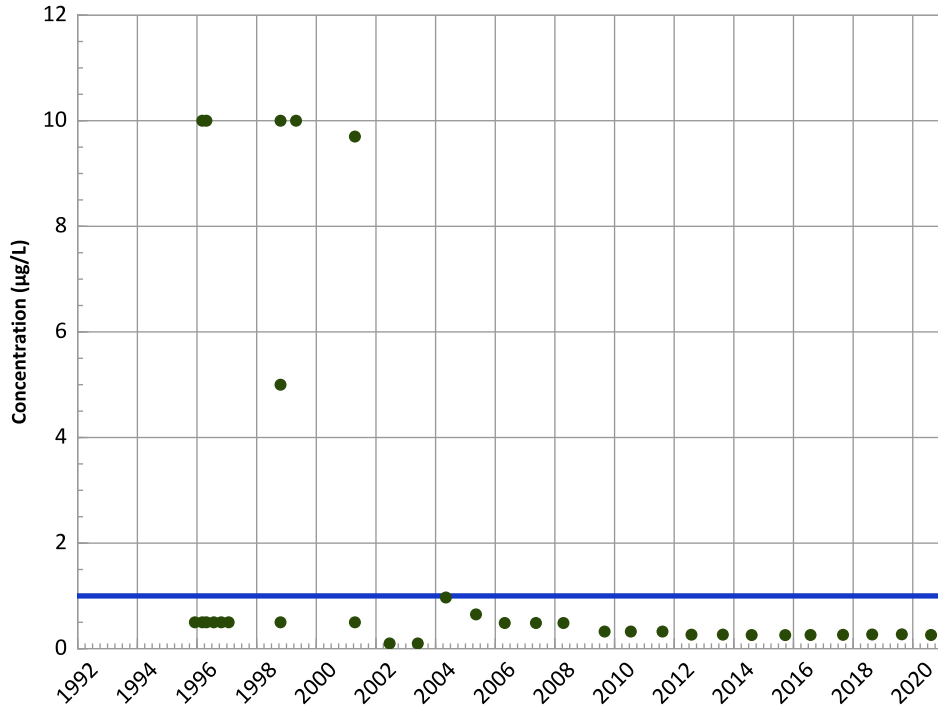
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

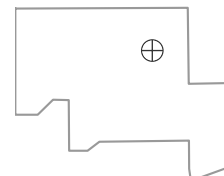
All Data:

All Non-Detect

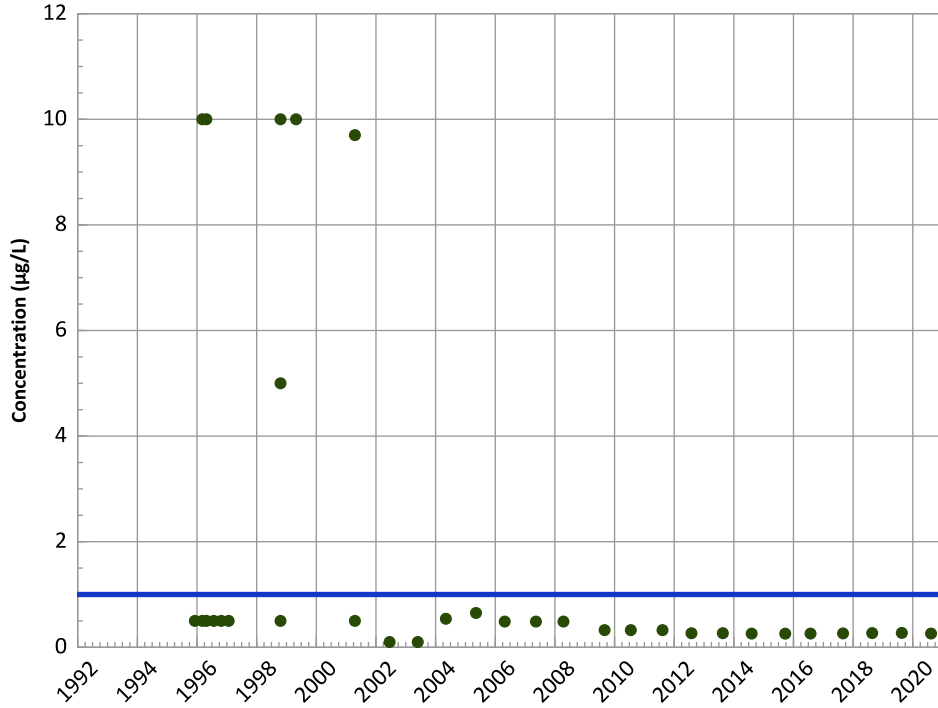
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

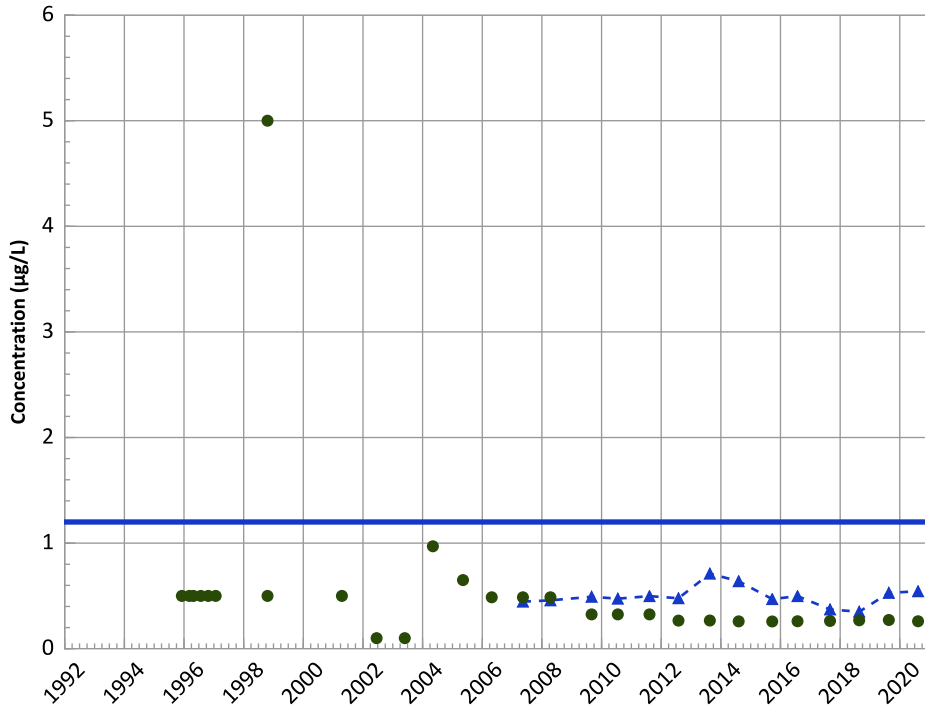
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

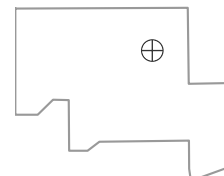
All Data:

Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

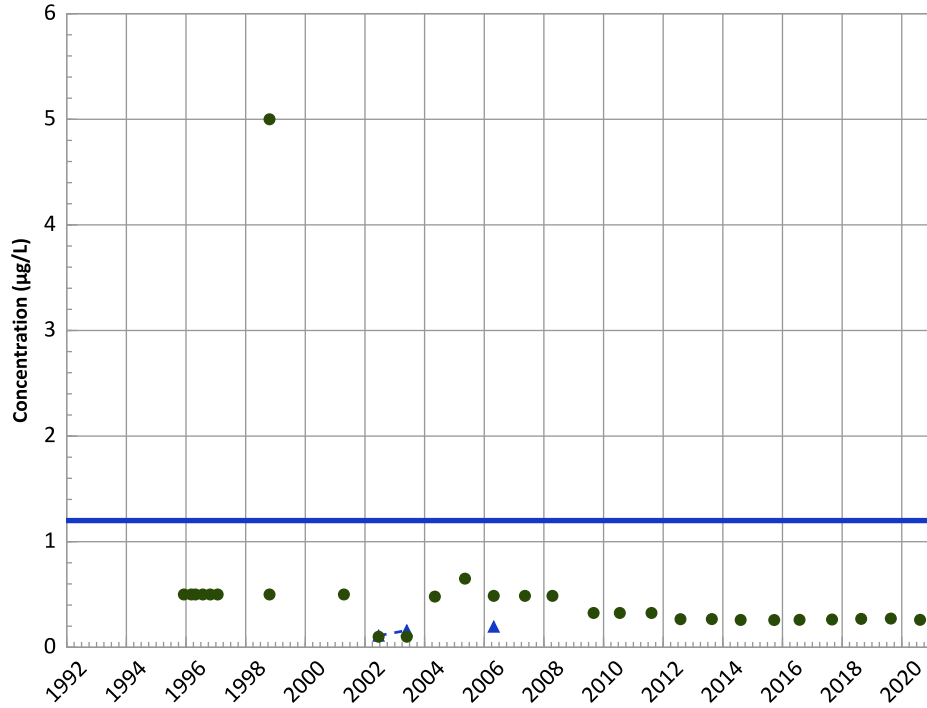
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

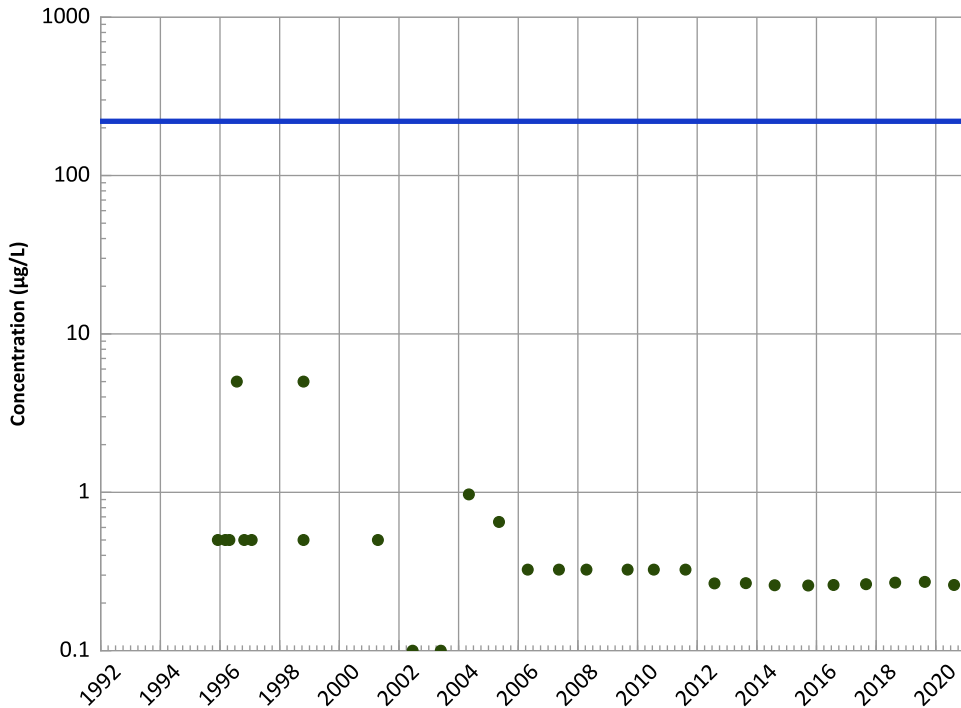
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

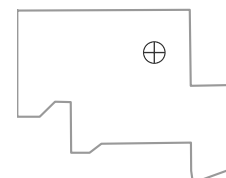
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

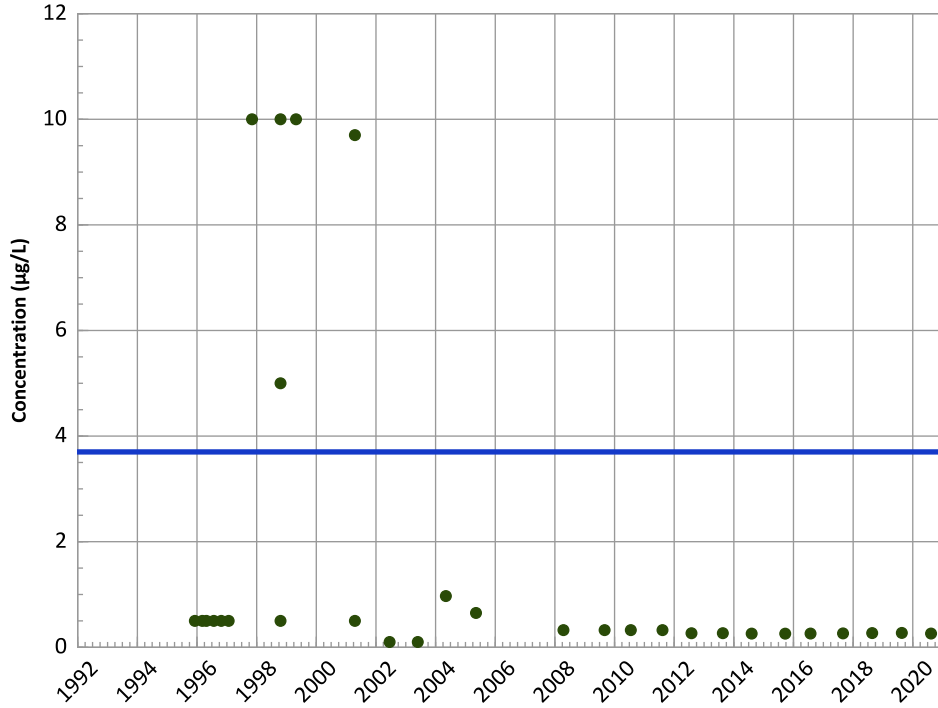
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

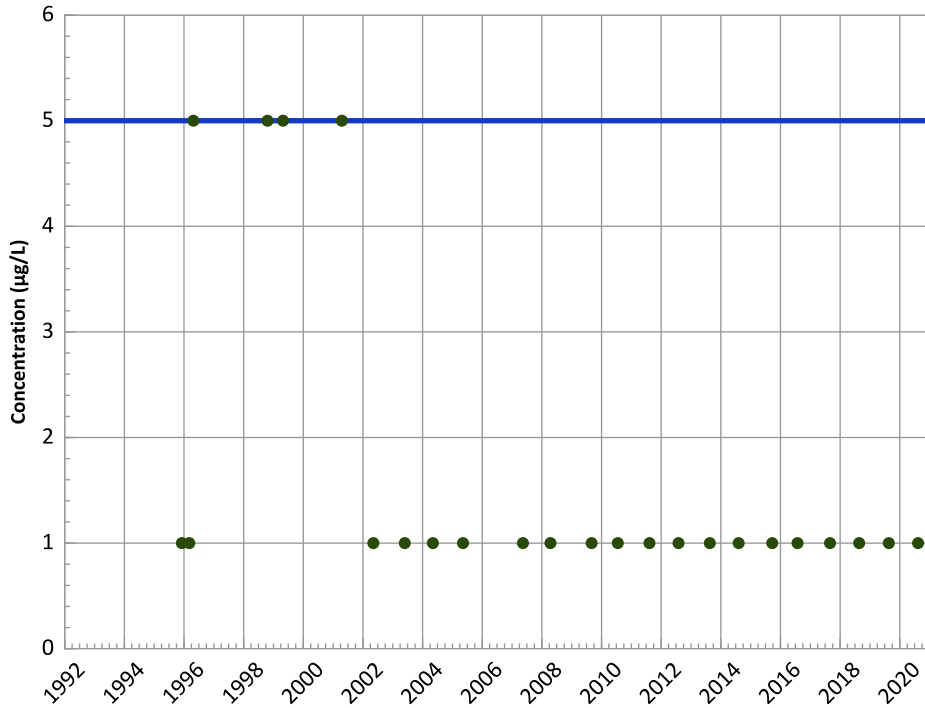
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

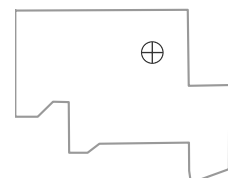
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

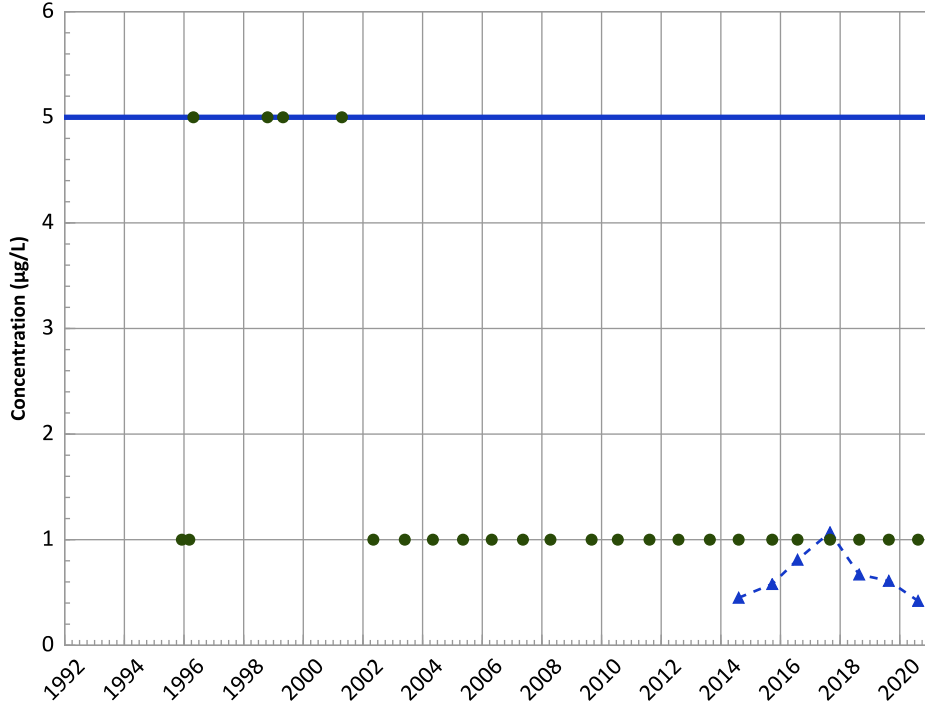
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

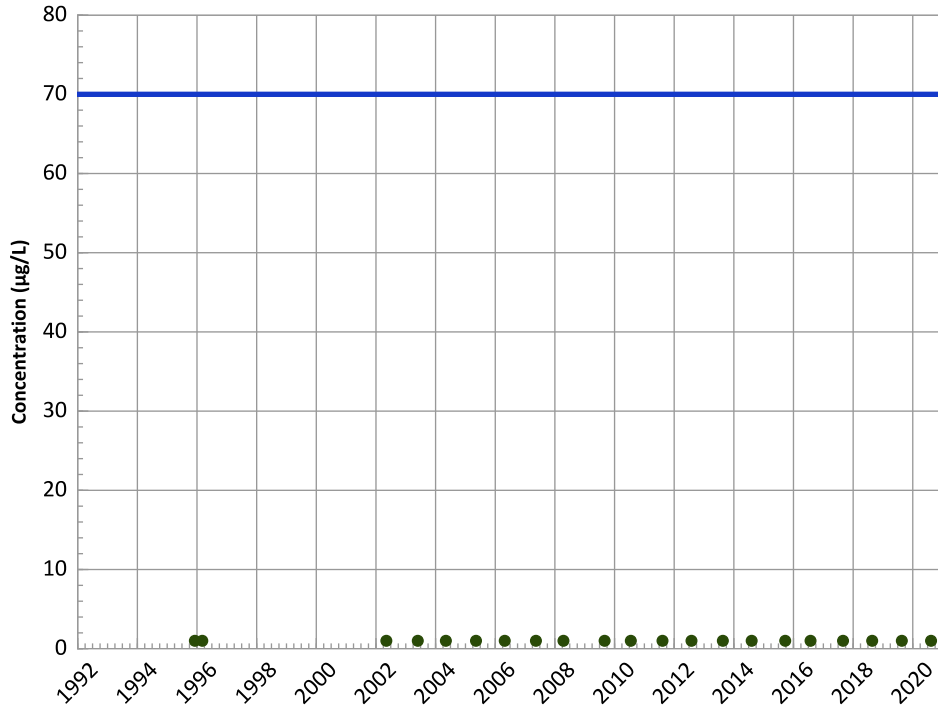
2018 - 2020 Data:

Decreasing

All Data:

Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

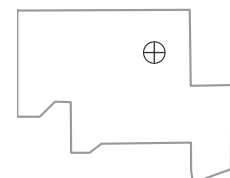
All Data:

All Non-Detect

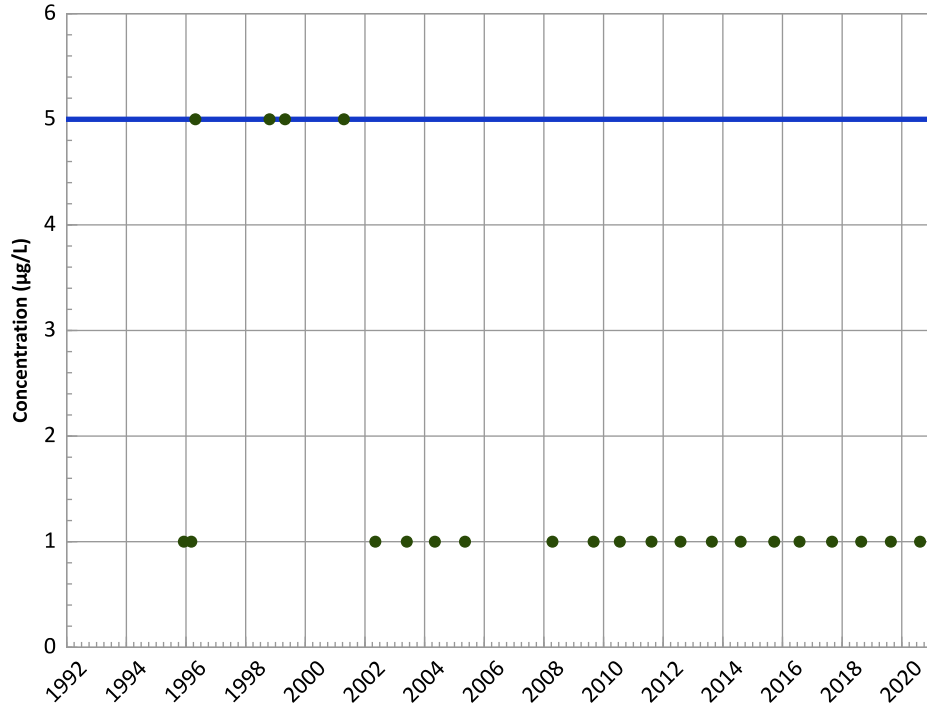
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

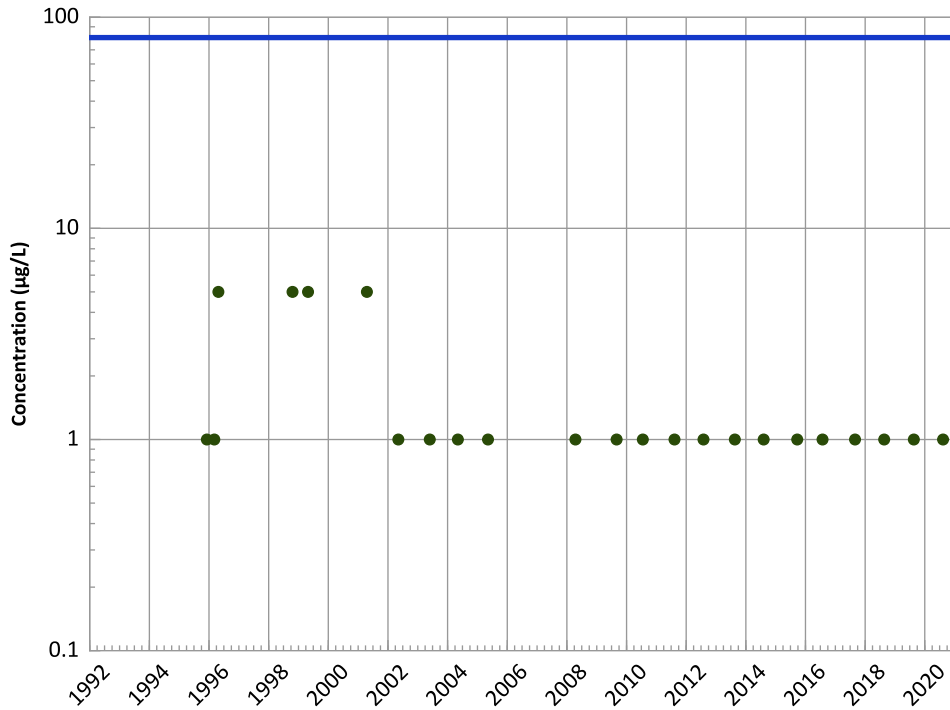
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

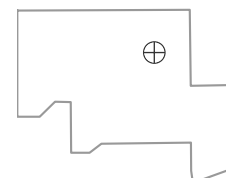
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

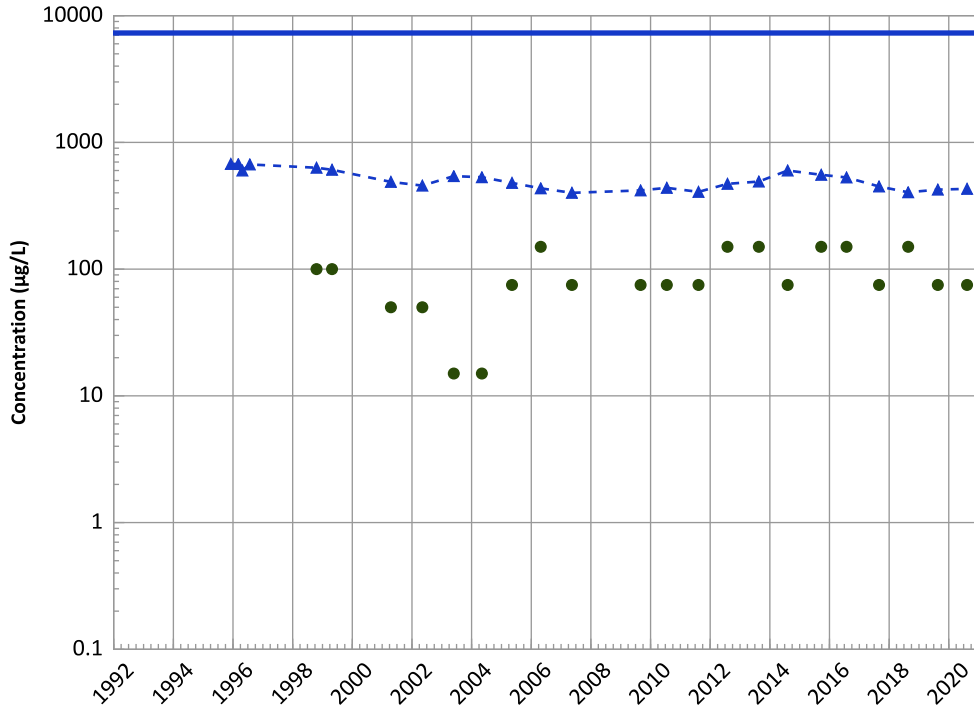
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

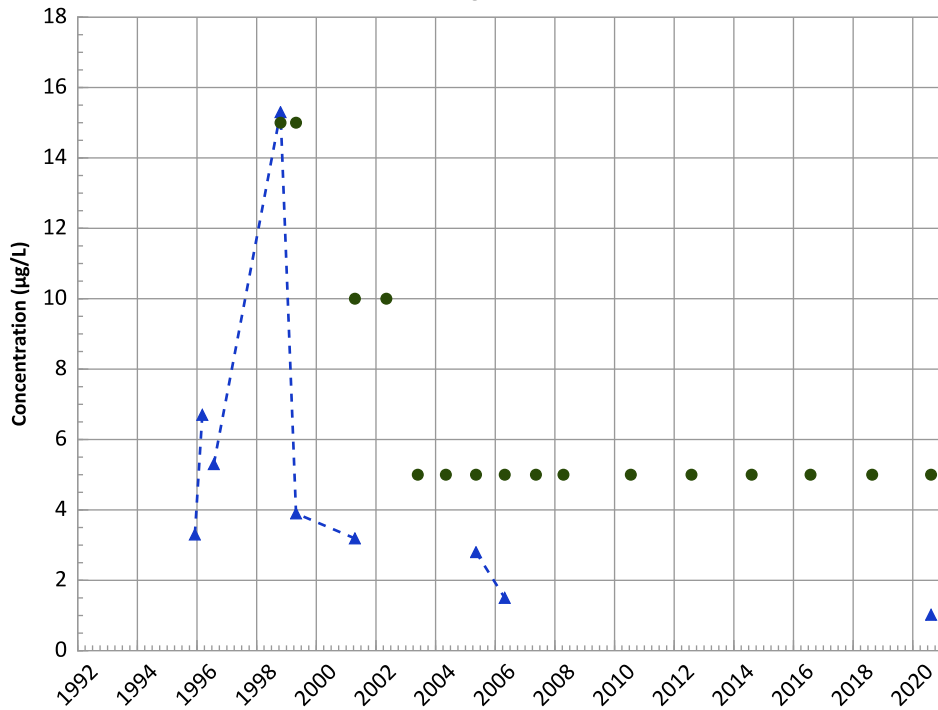
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

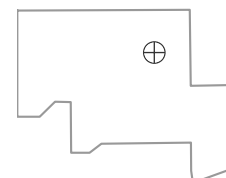
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

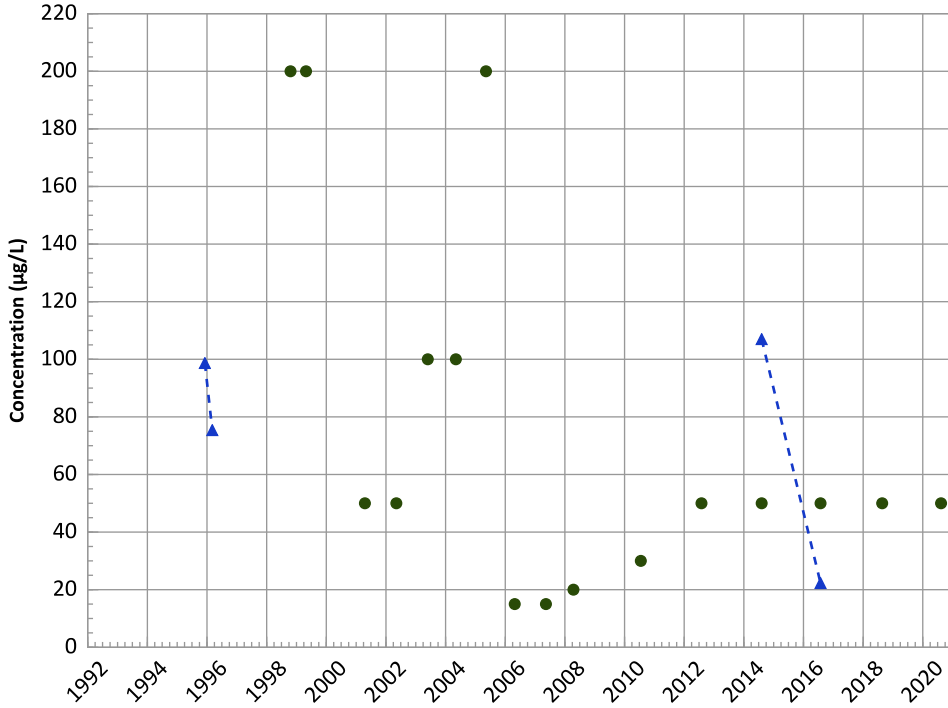
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

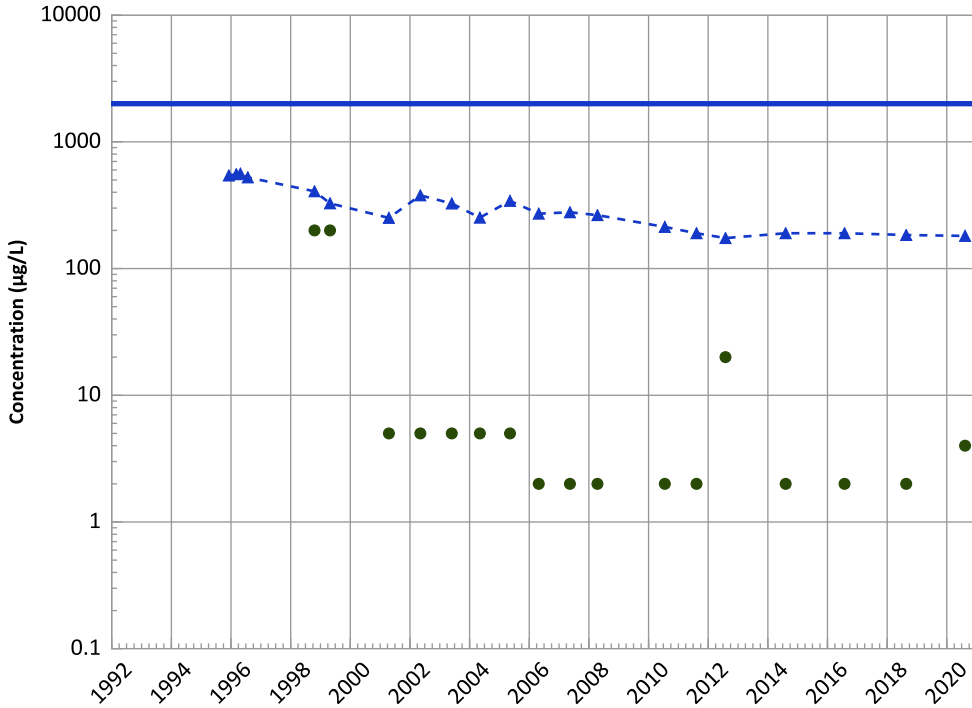


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Barium Trend



Concentration Trend

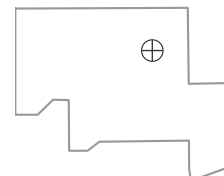
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

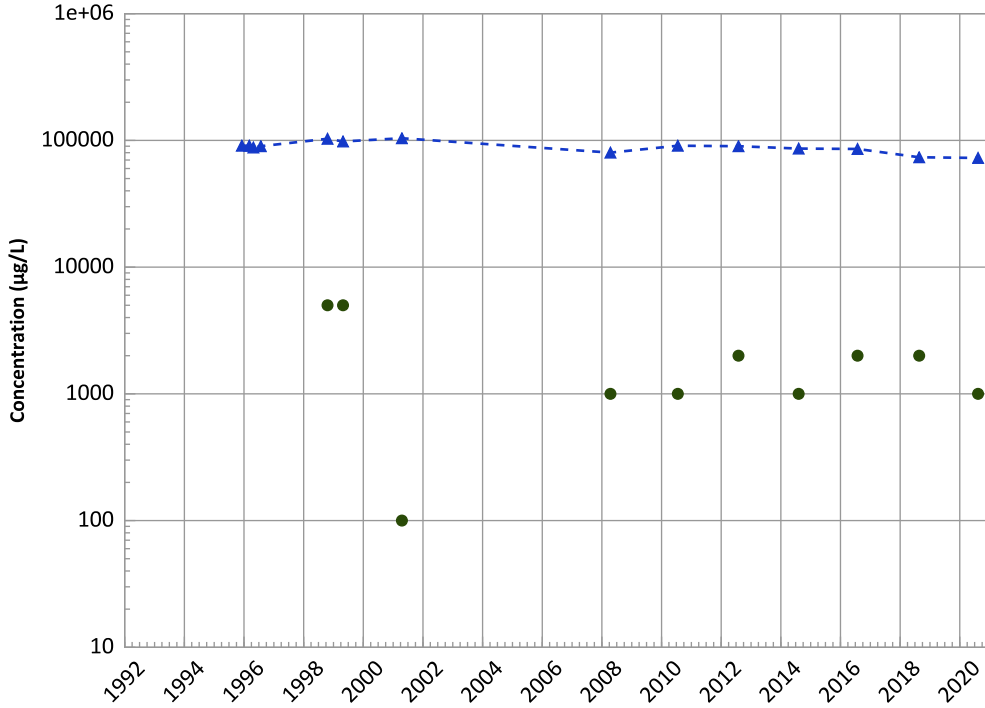
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

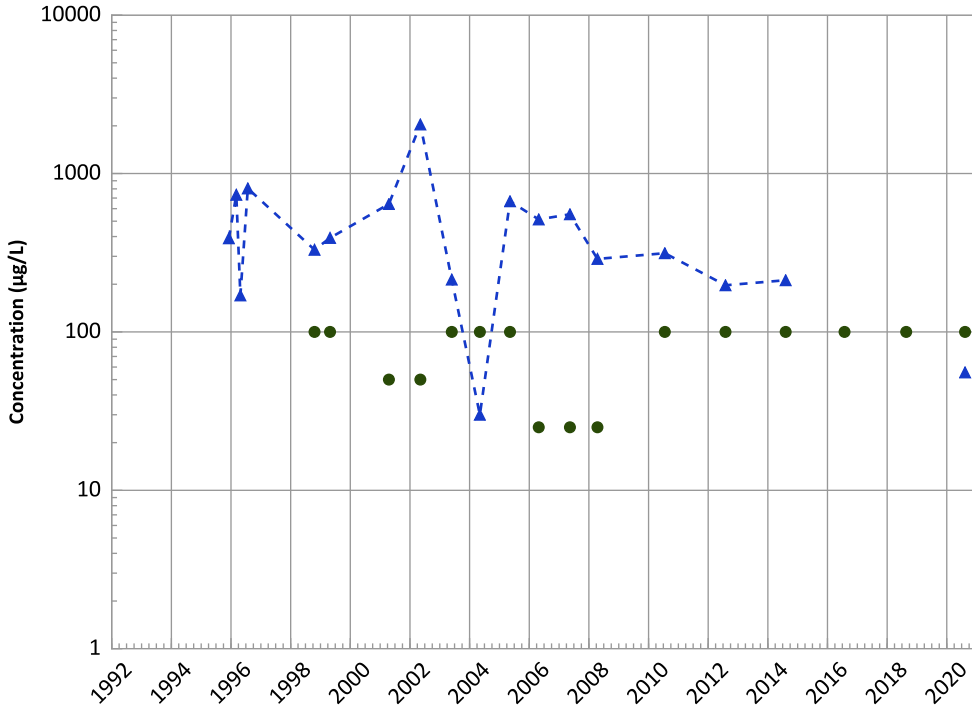
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

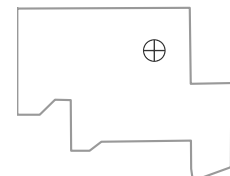
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

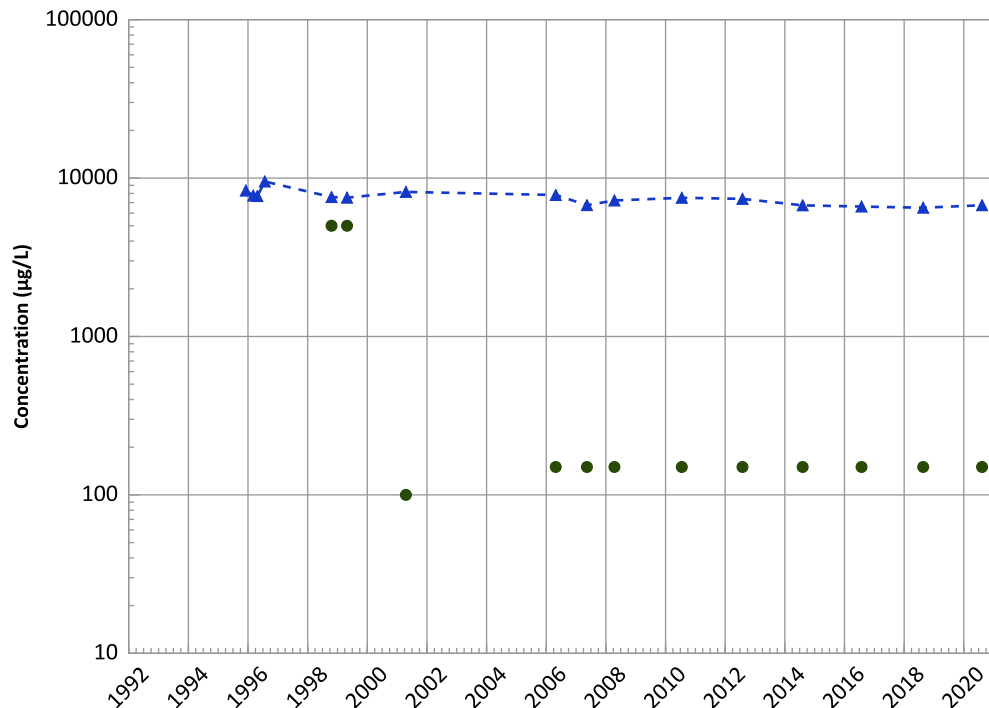
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

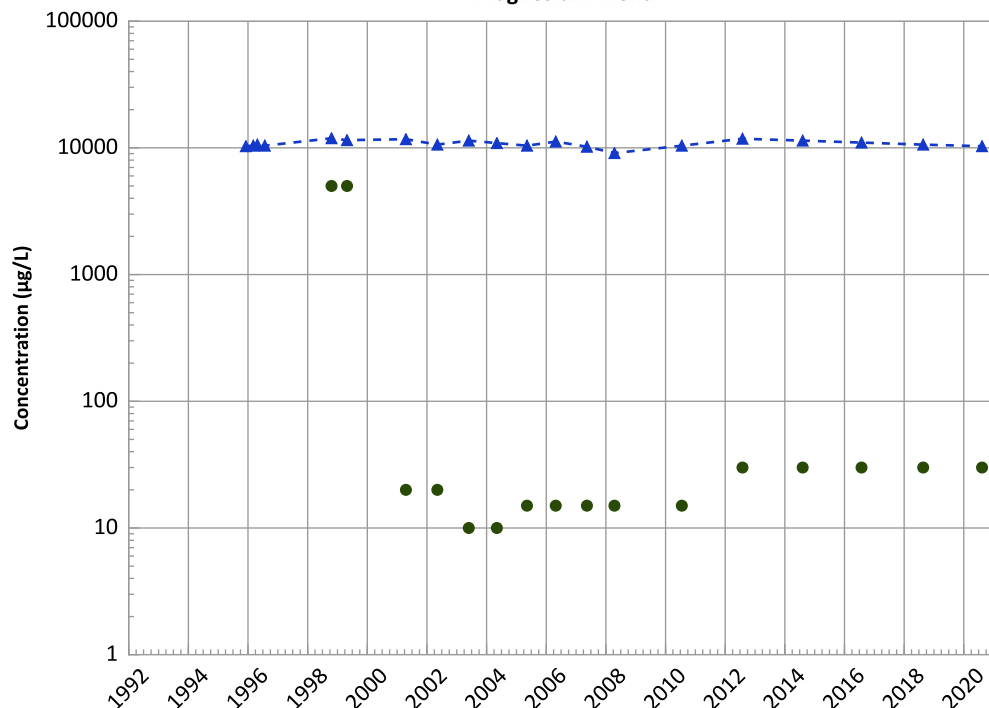


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Magnesium Trend



Concentration Trend

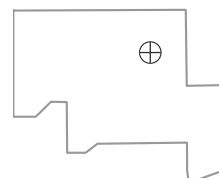
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

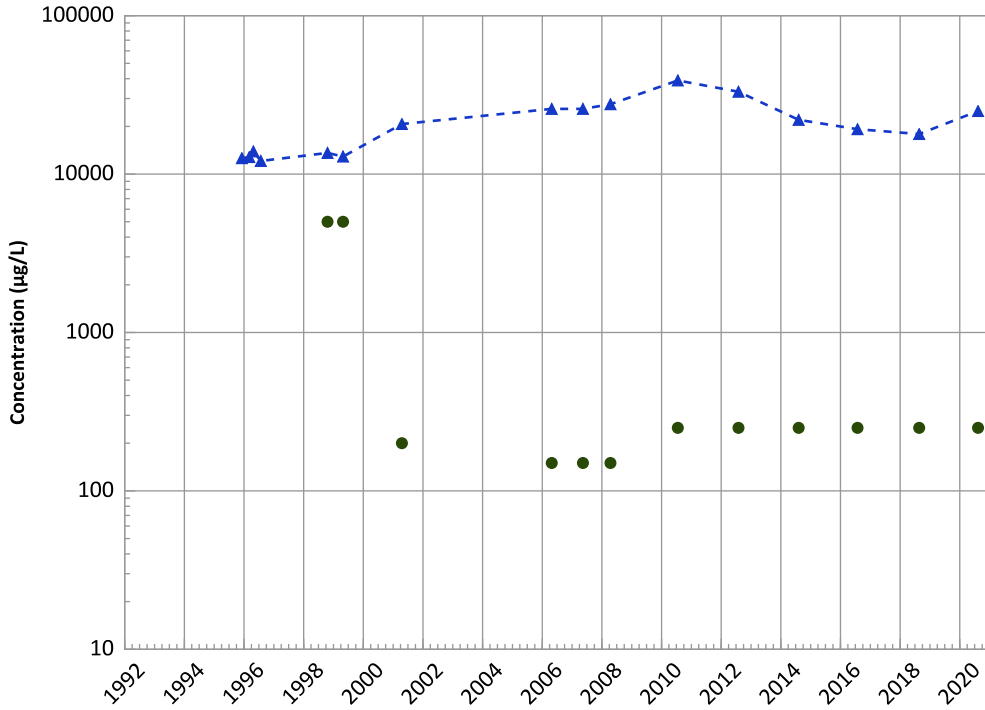
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/06/1995 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1003 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

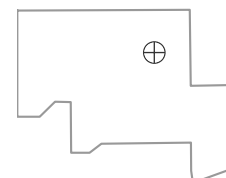
All Data:

Increasing

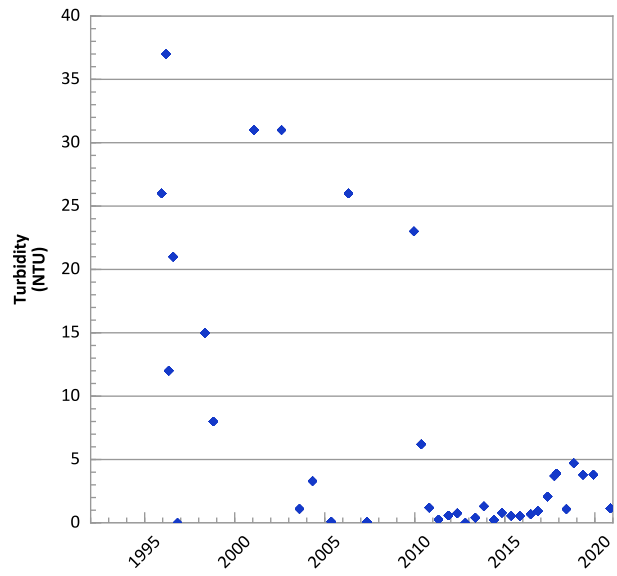
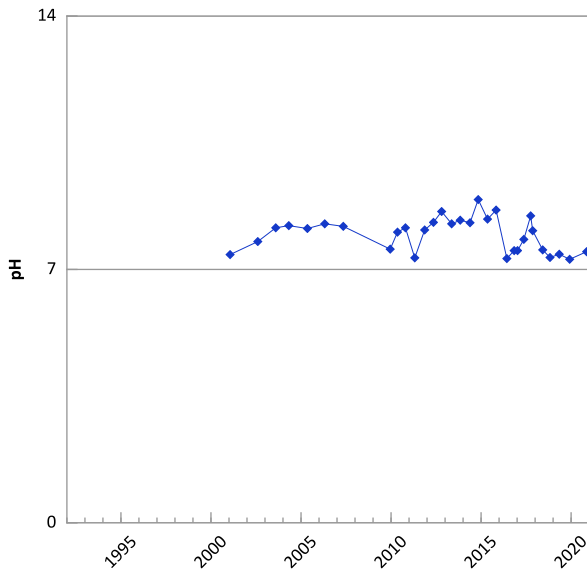
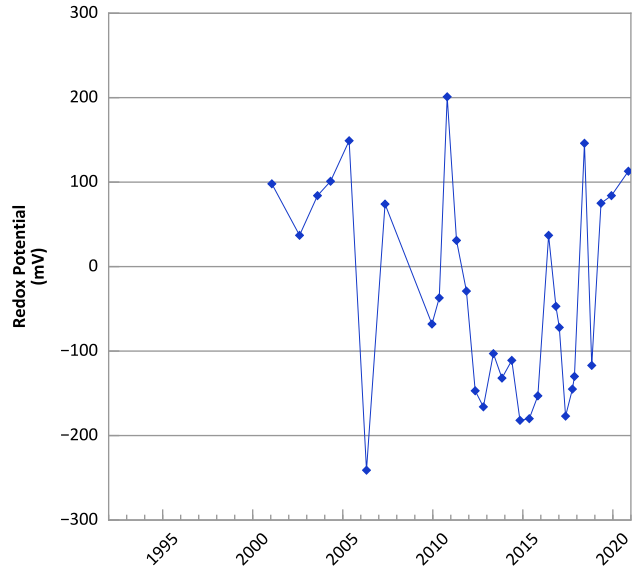
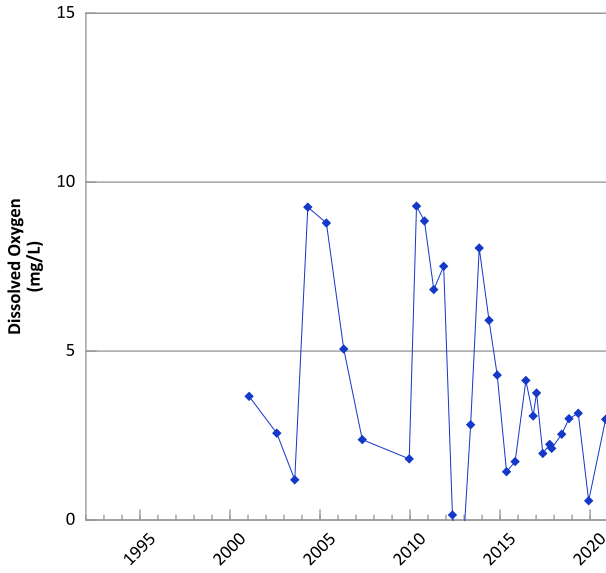
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/06/1995 to 08/12/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

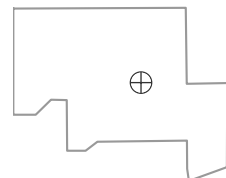


**PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



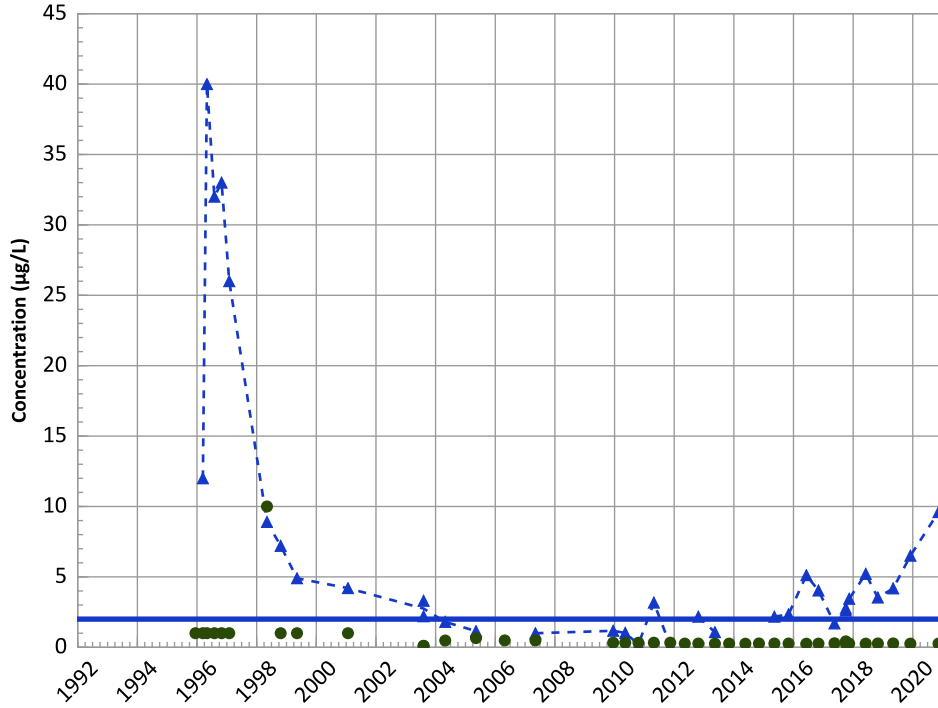
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/13/1995 to 11/11/2020
 Analysis Date: 06/03/2021

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

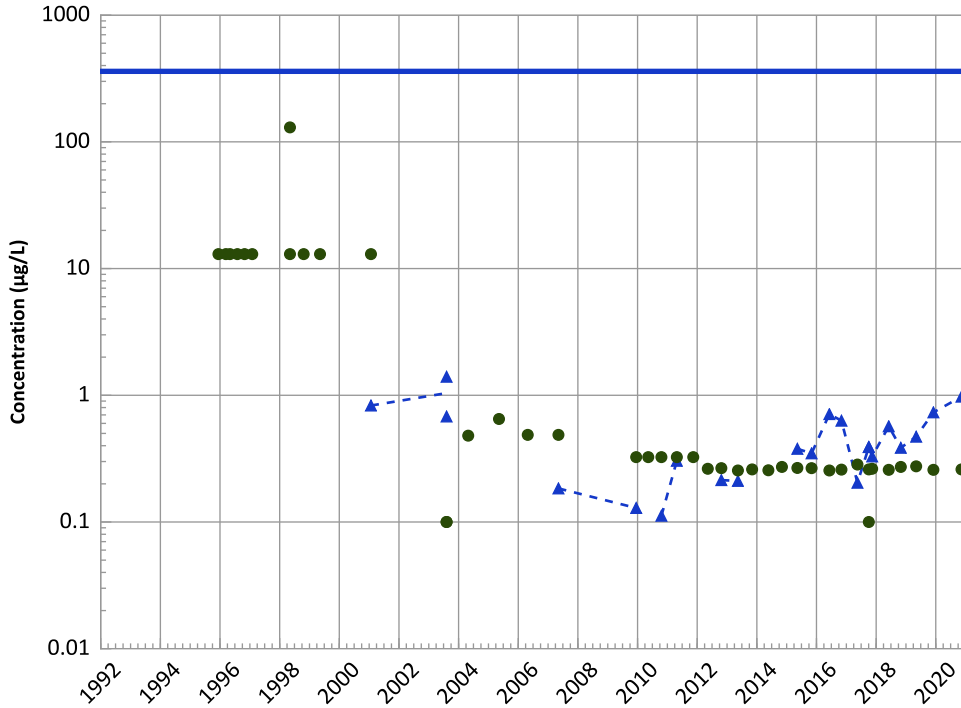
2018 - 2020 Data:

Increasing

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

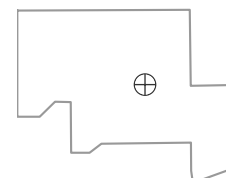
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

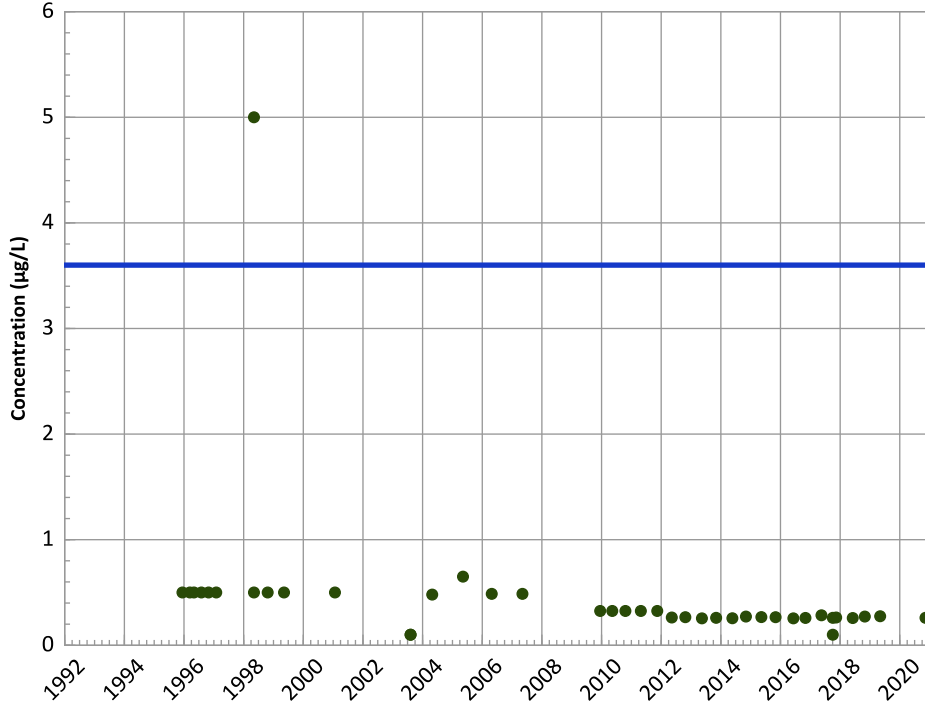
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

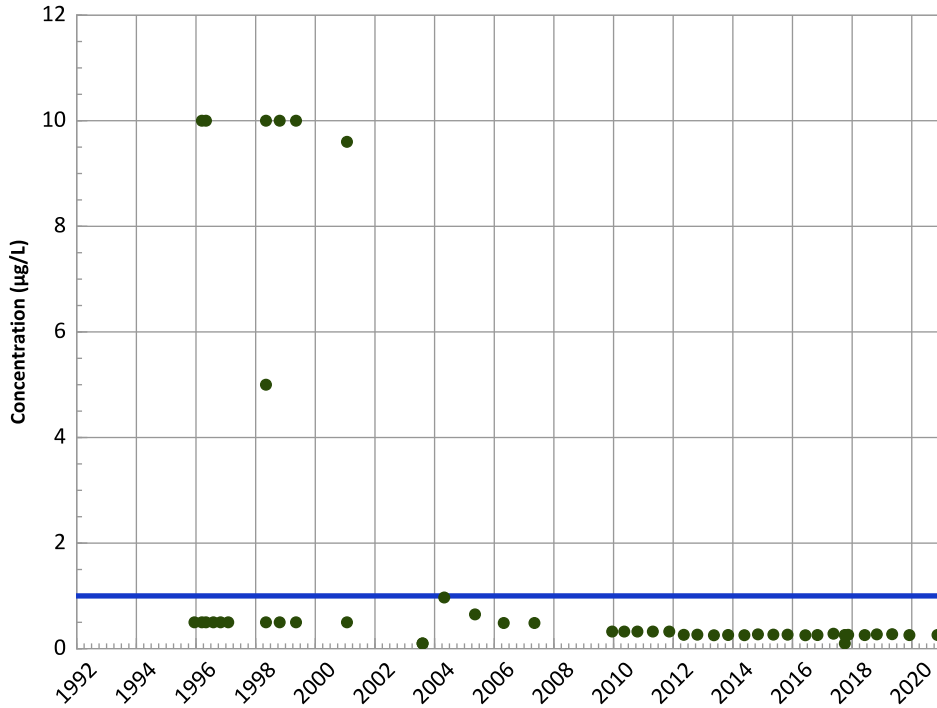
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

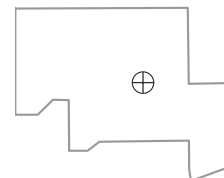
All Data:

All Non-Detect

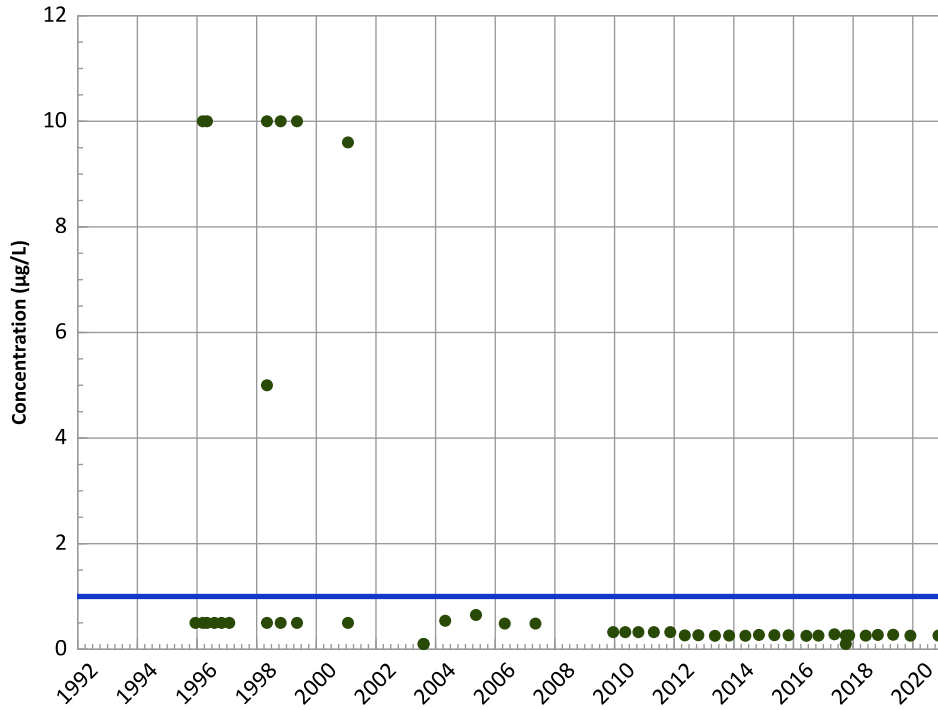
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

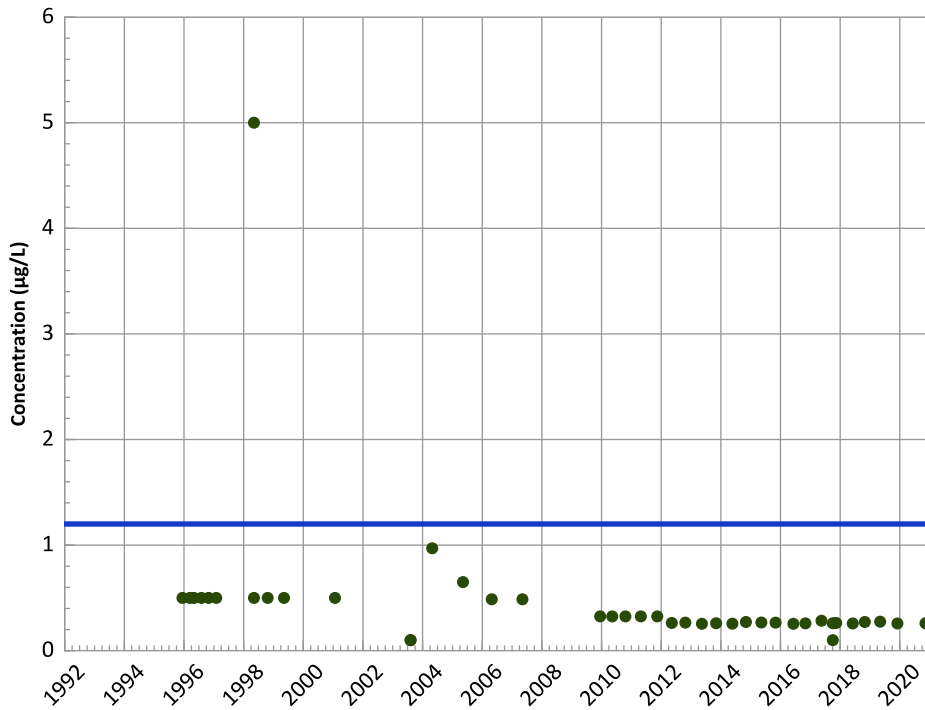
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

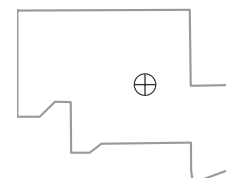
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

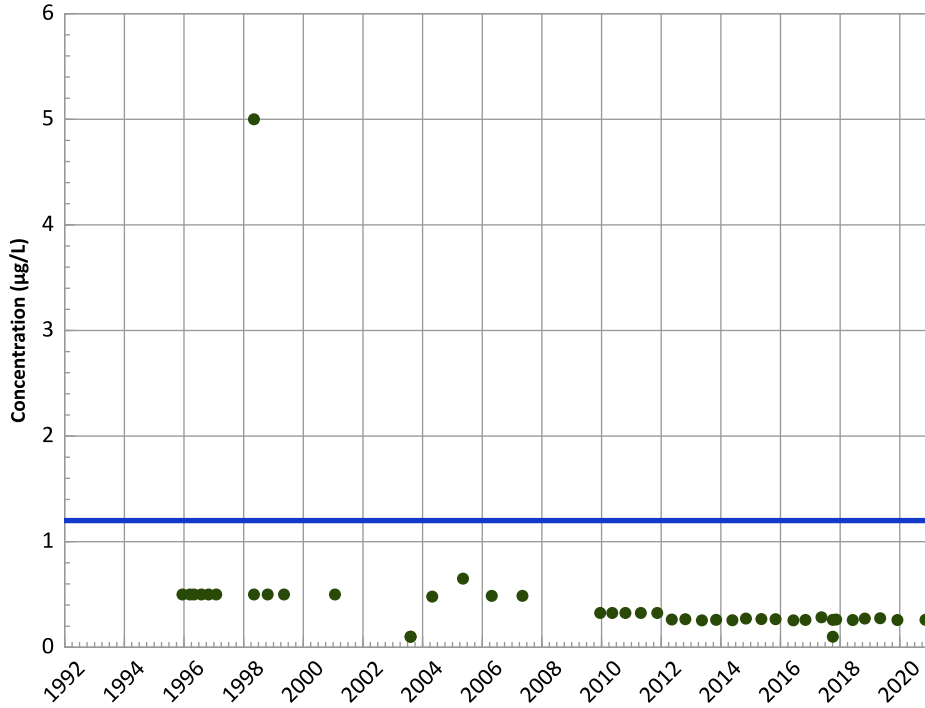
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

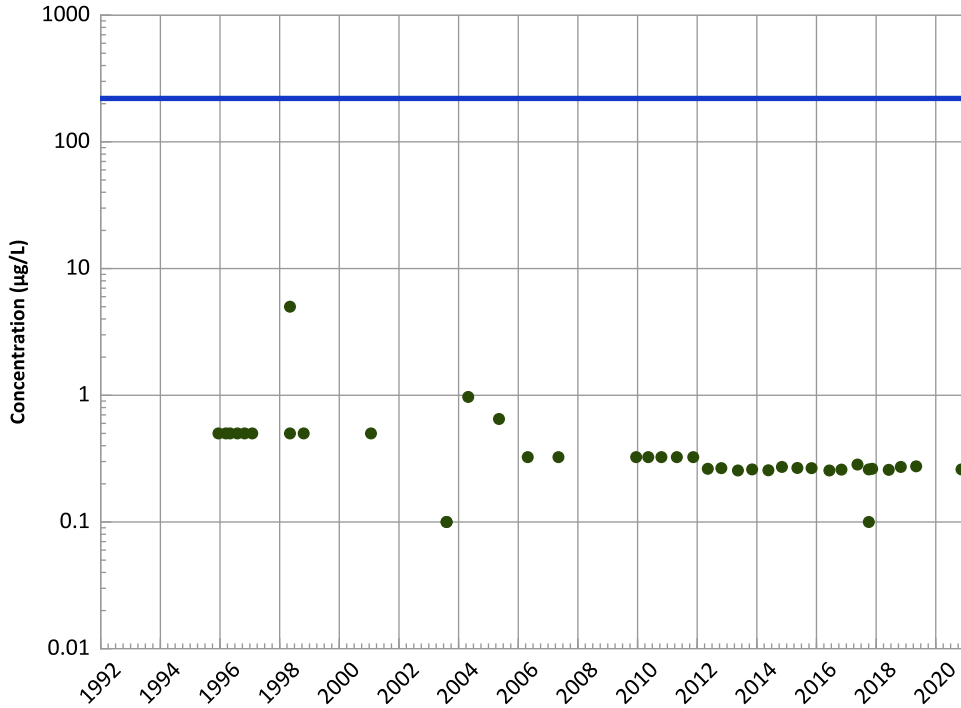
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

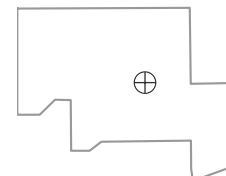
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

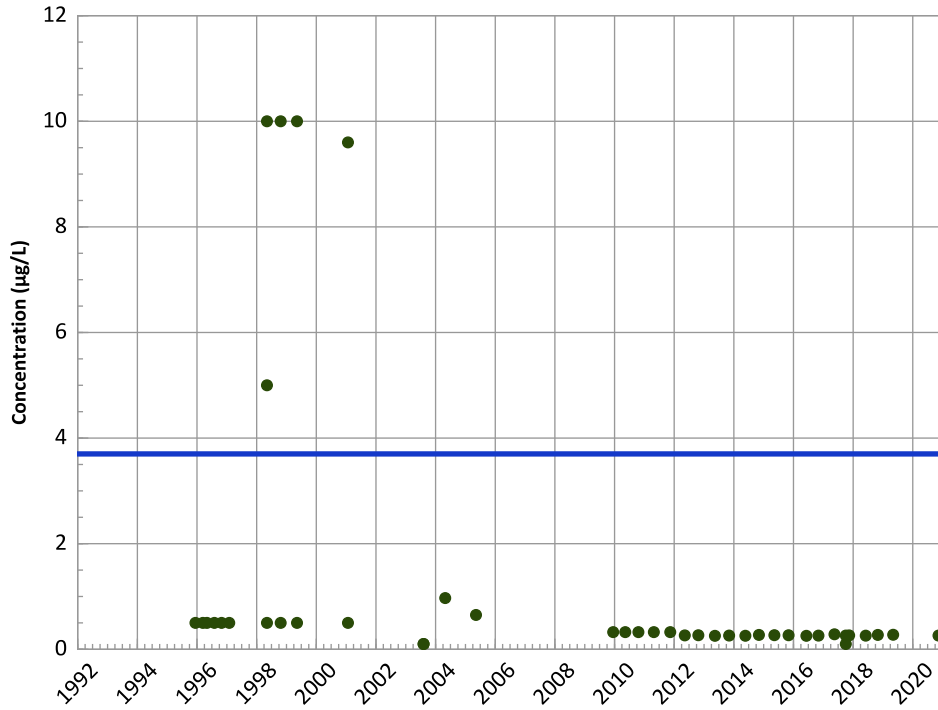
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

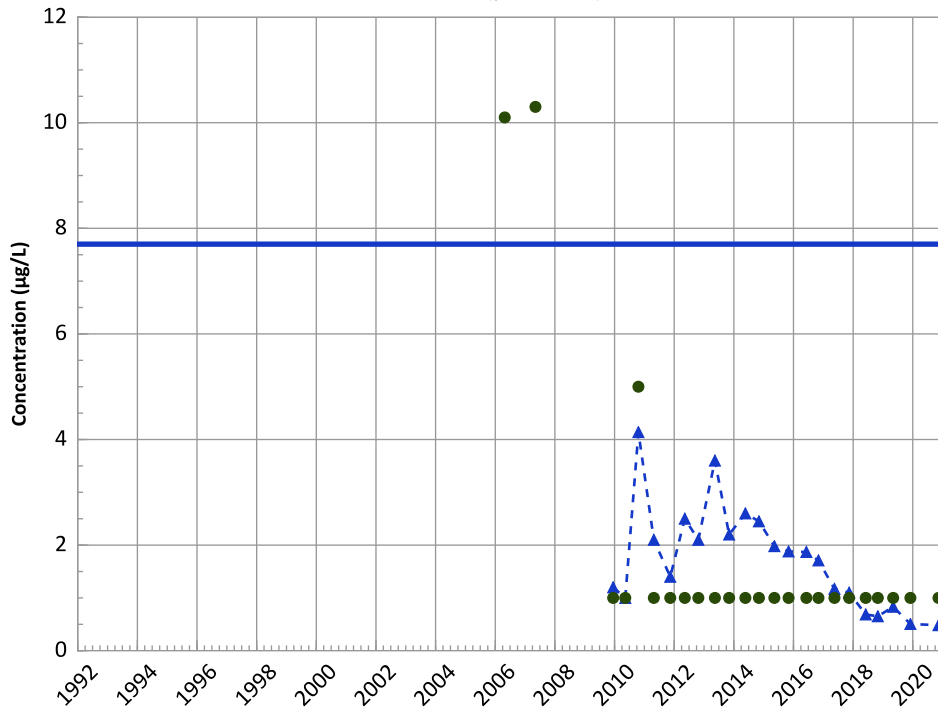
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

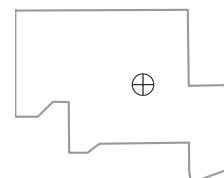
All Data:

Decreasing

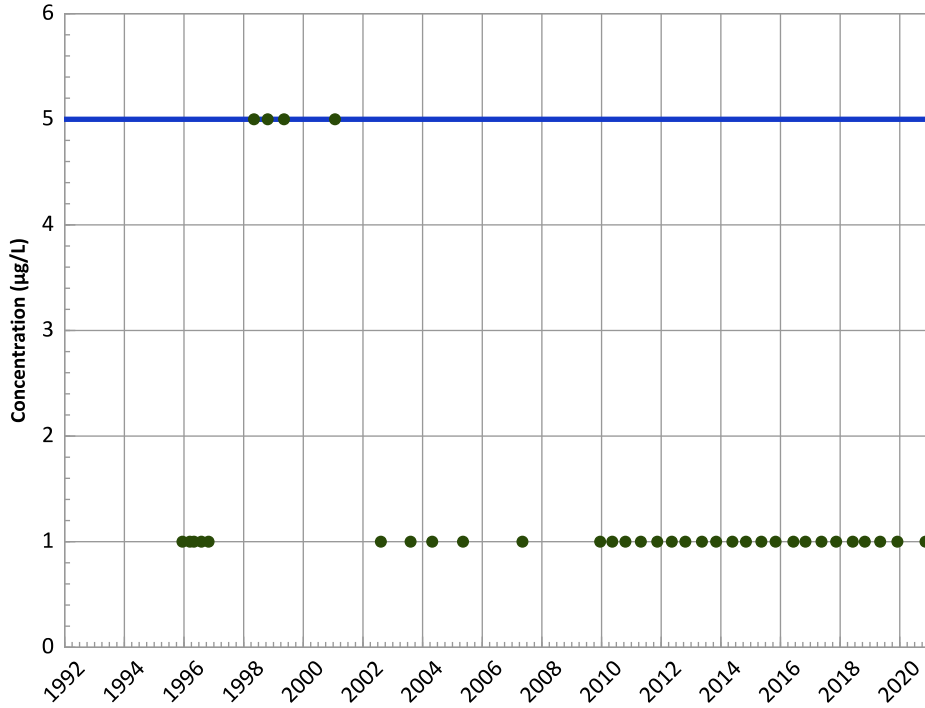
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

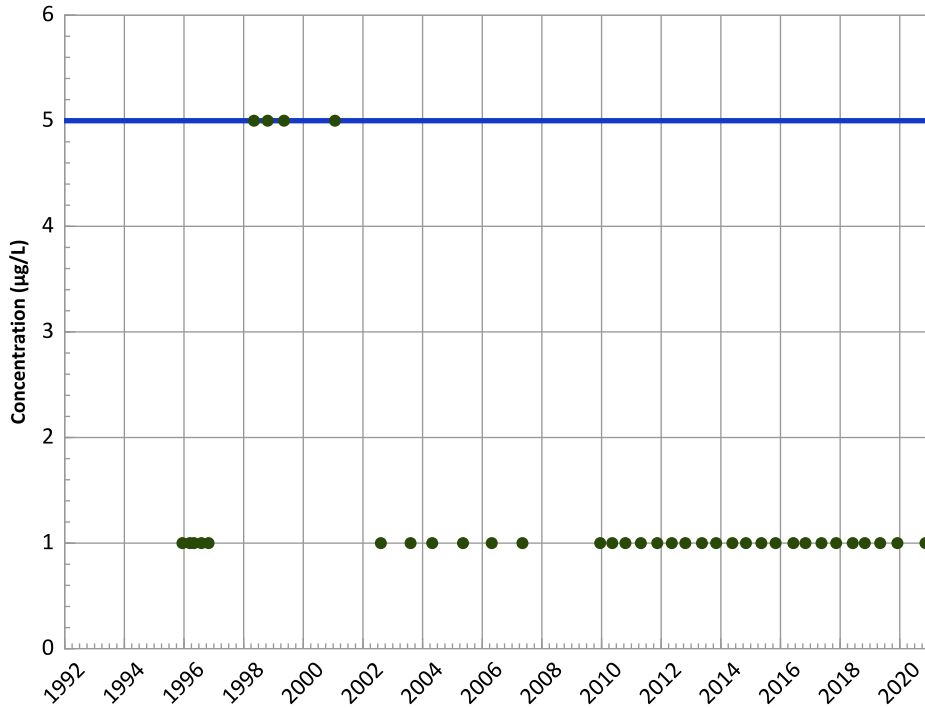
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

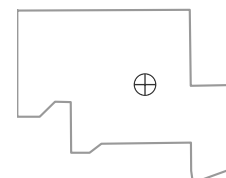
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

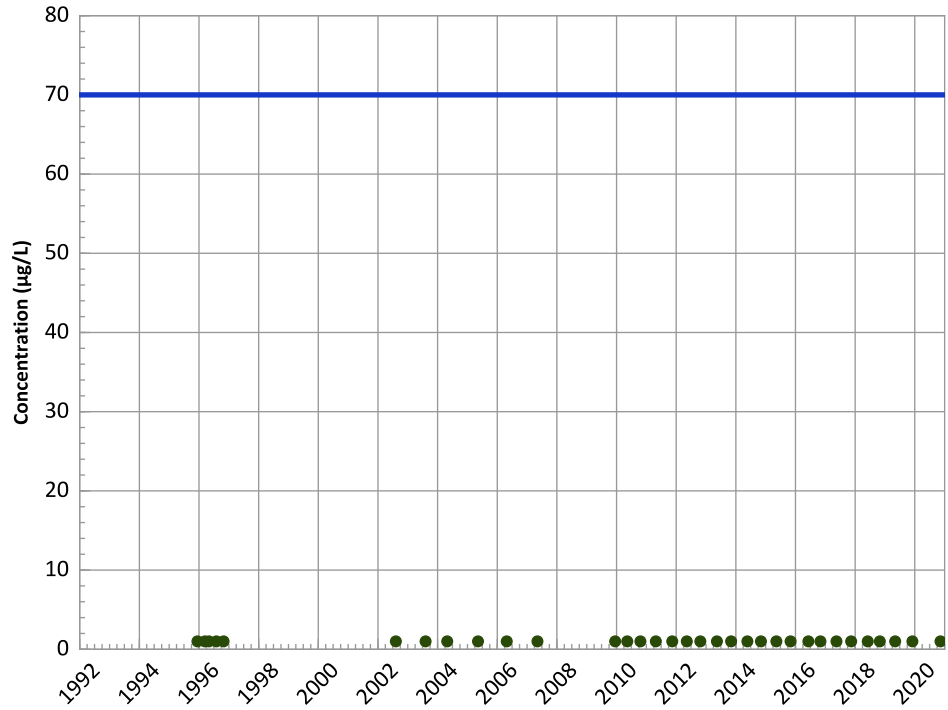
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

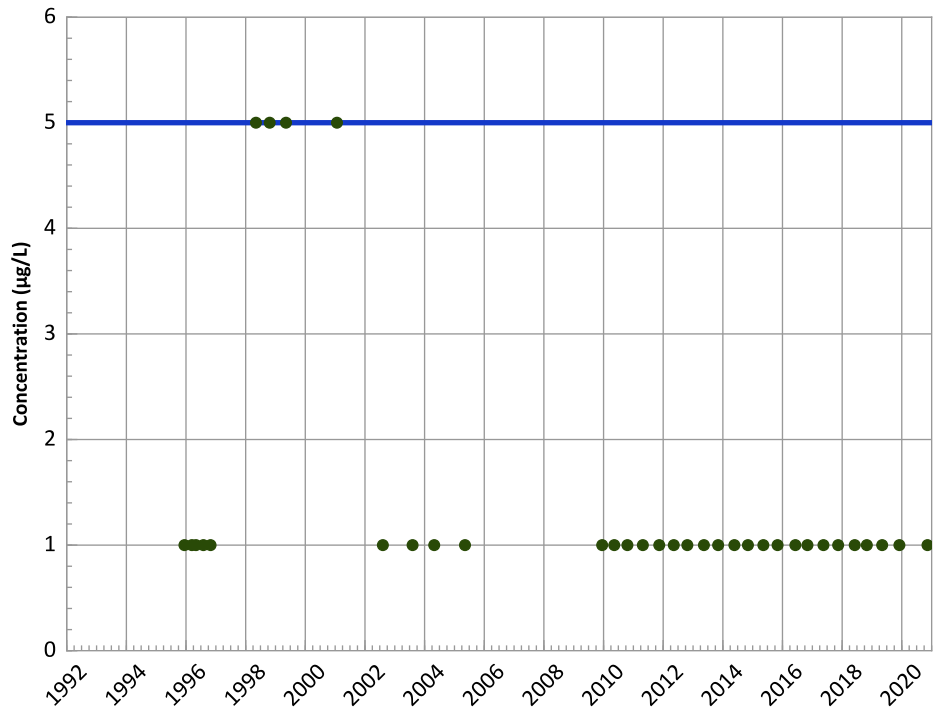
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

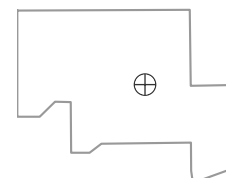
All Data:
All Non-Detect

All Data:
All Non-Detect

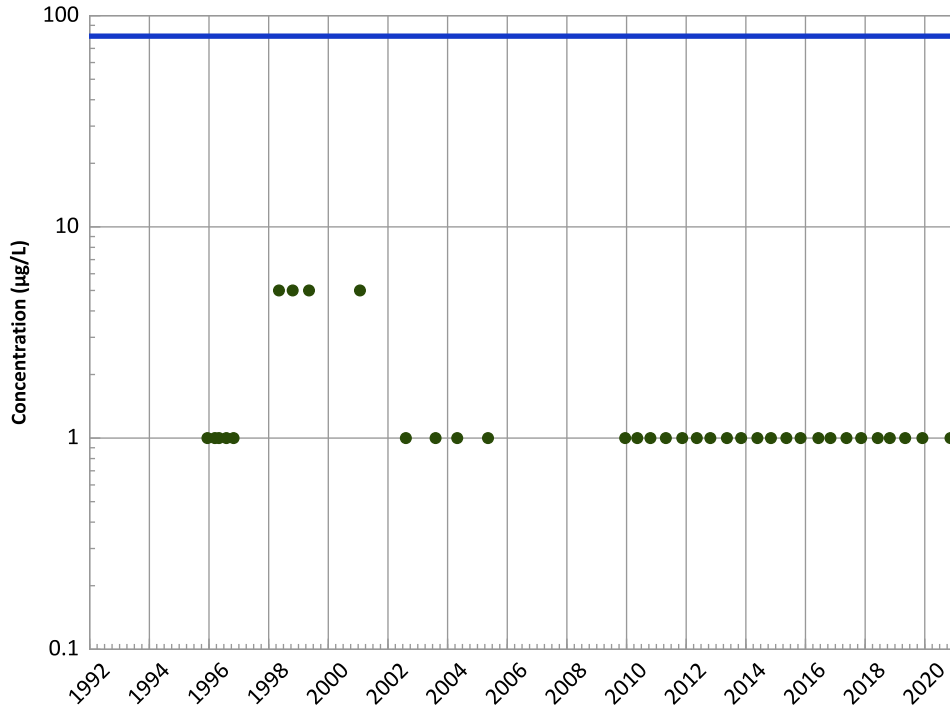
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

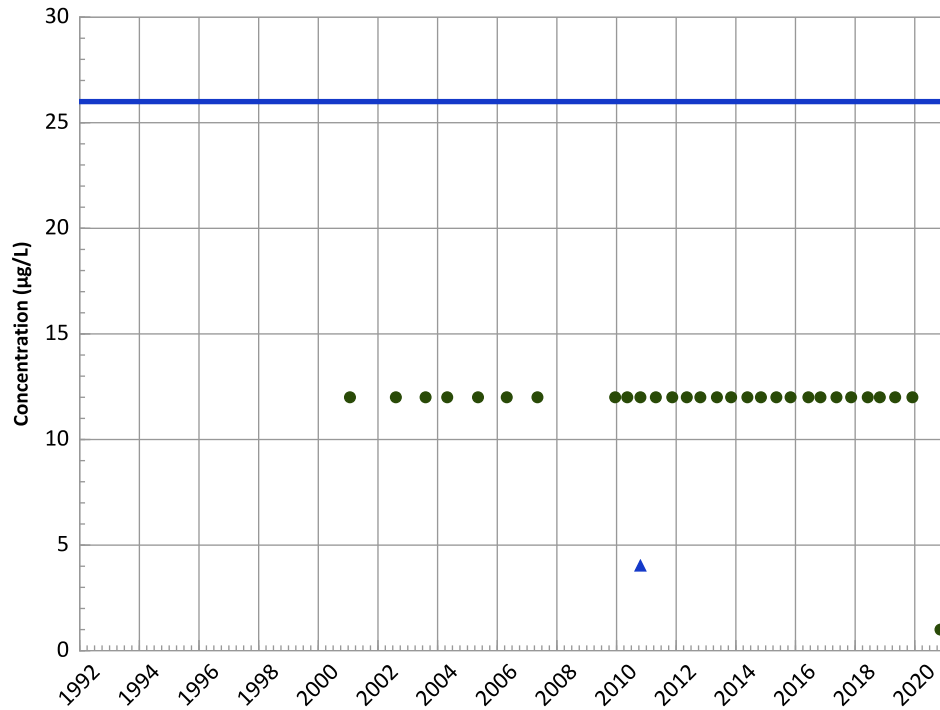
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

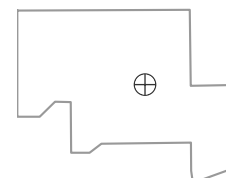
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/13/1995 to 11/11/2020
 Analysis Date: 06/03/2021

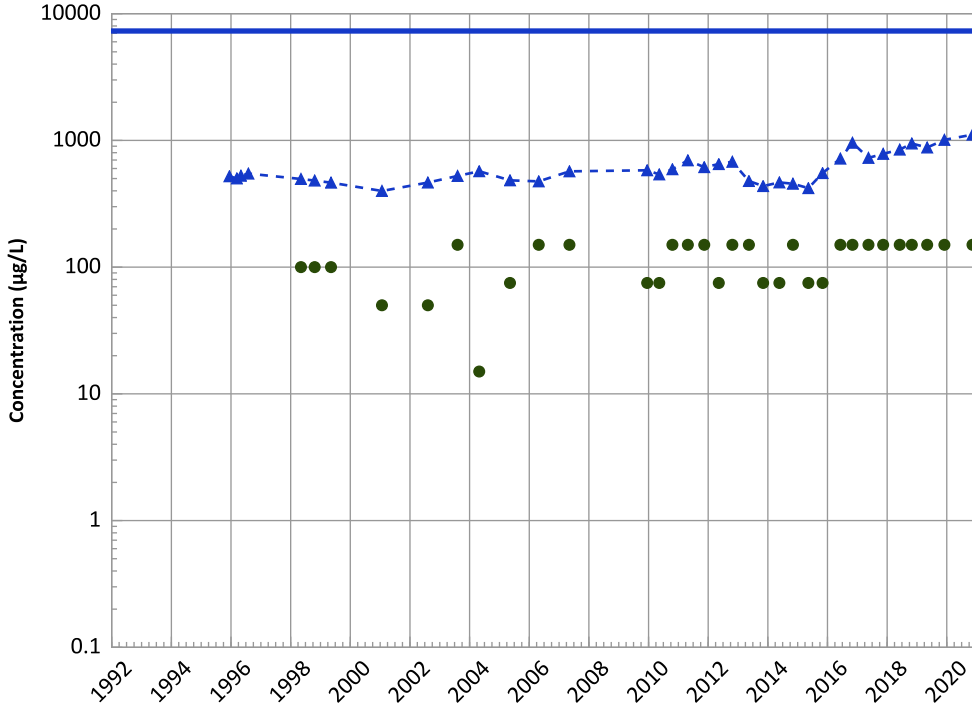
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

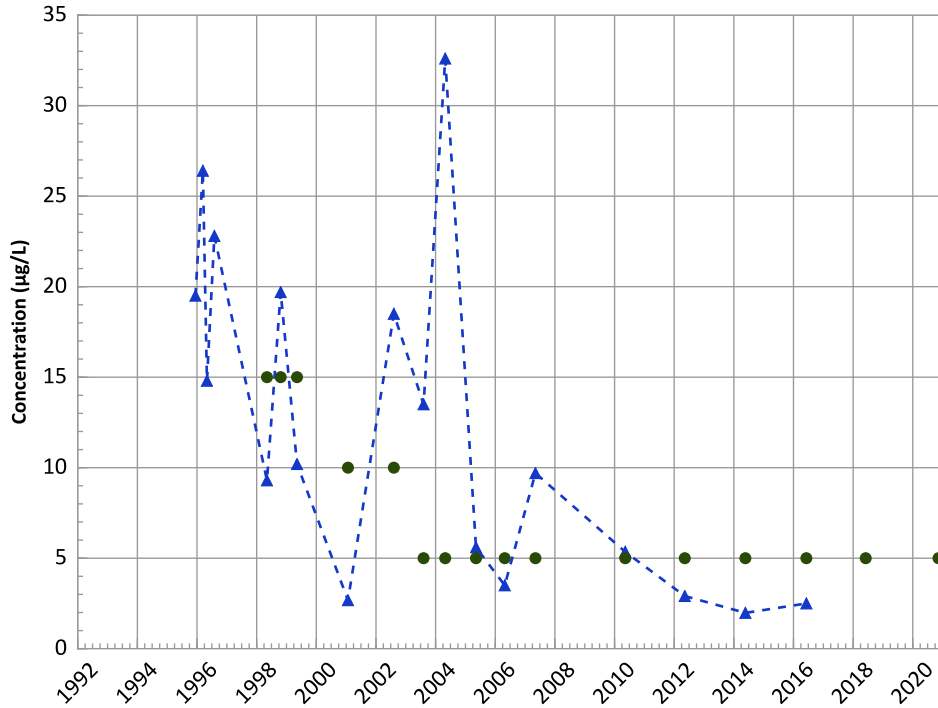
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

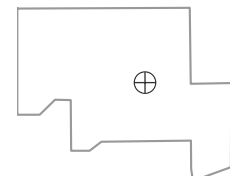
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

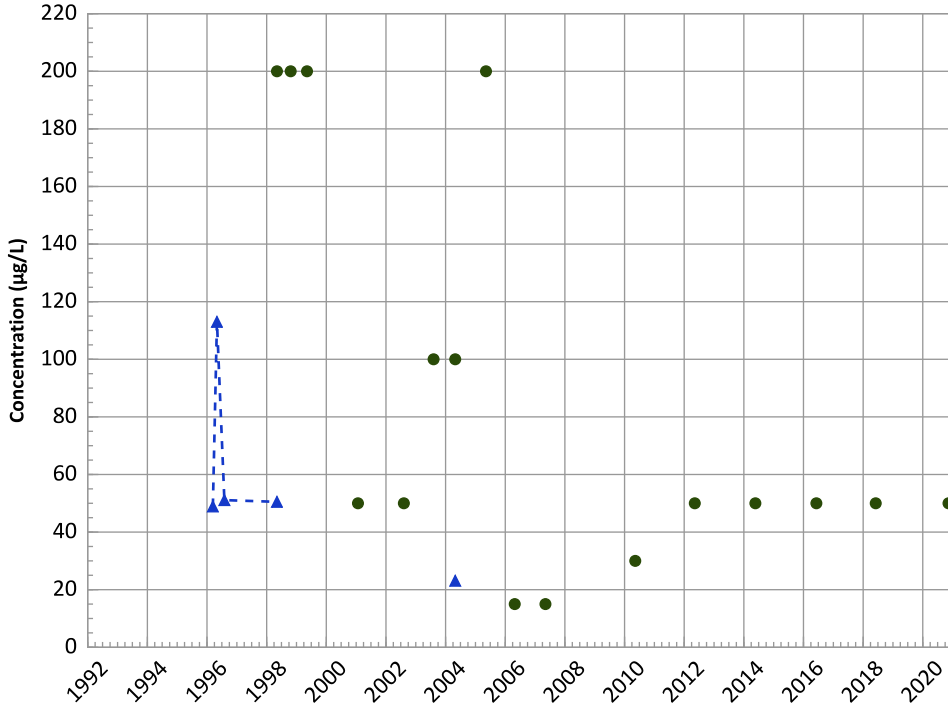


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

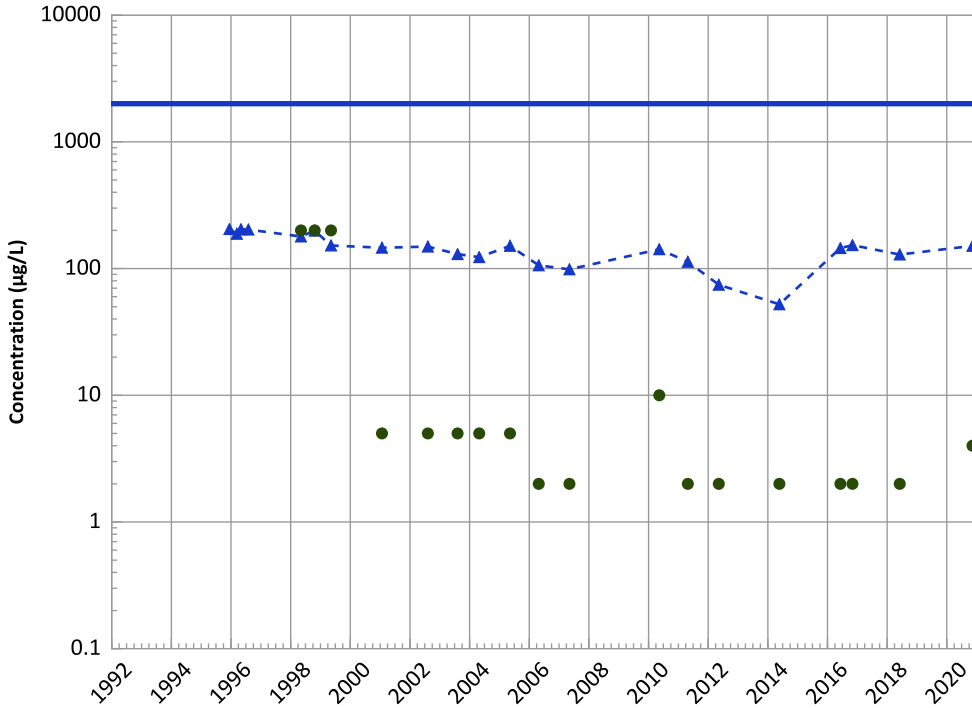
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

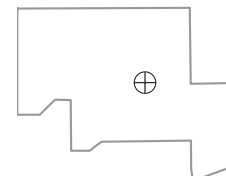
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

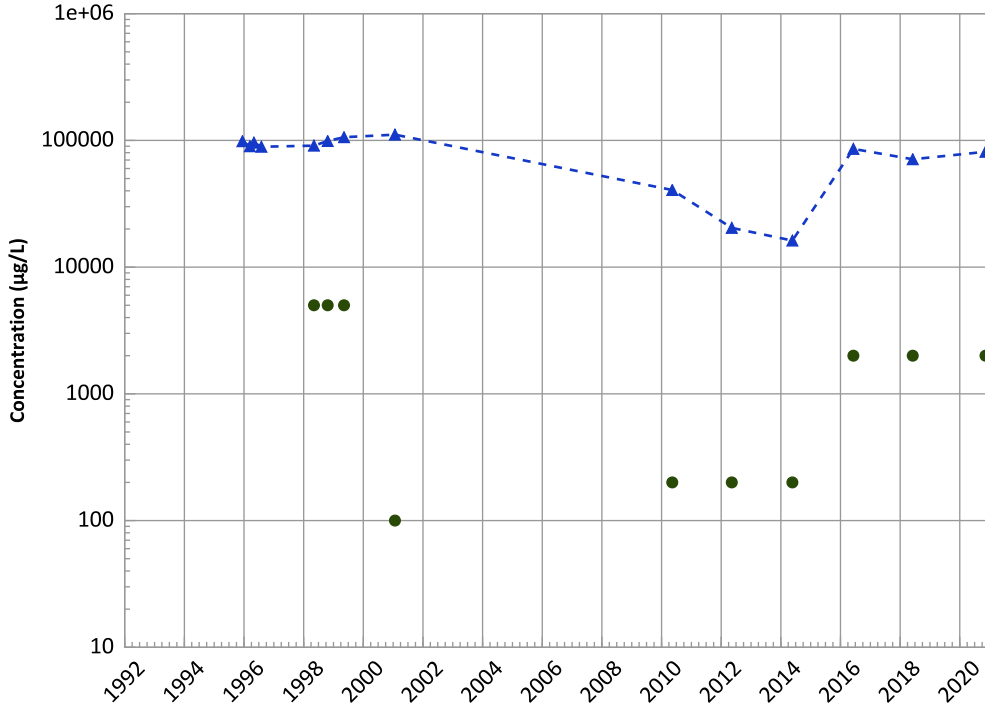
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

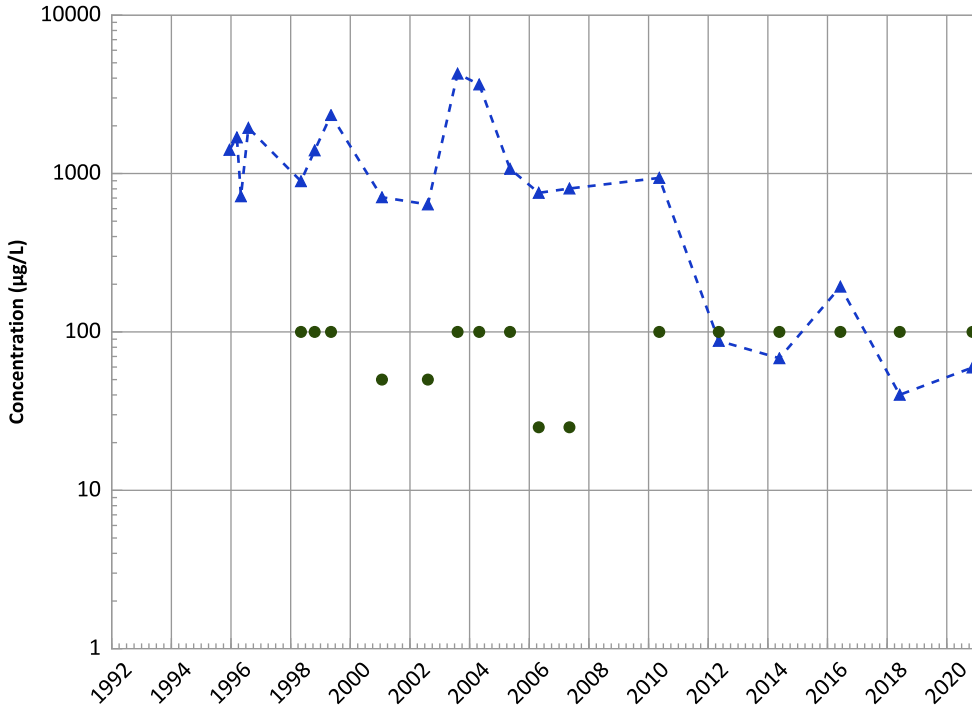
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

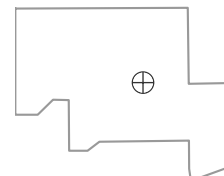
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

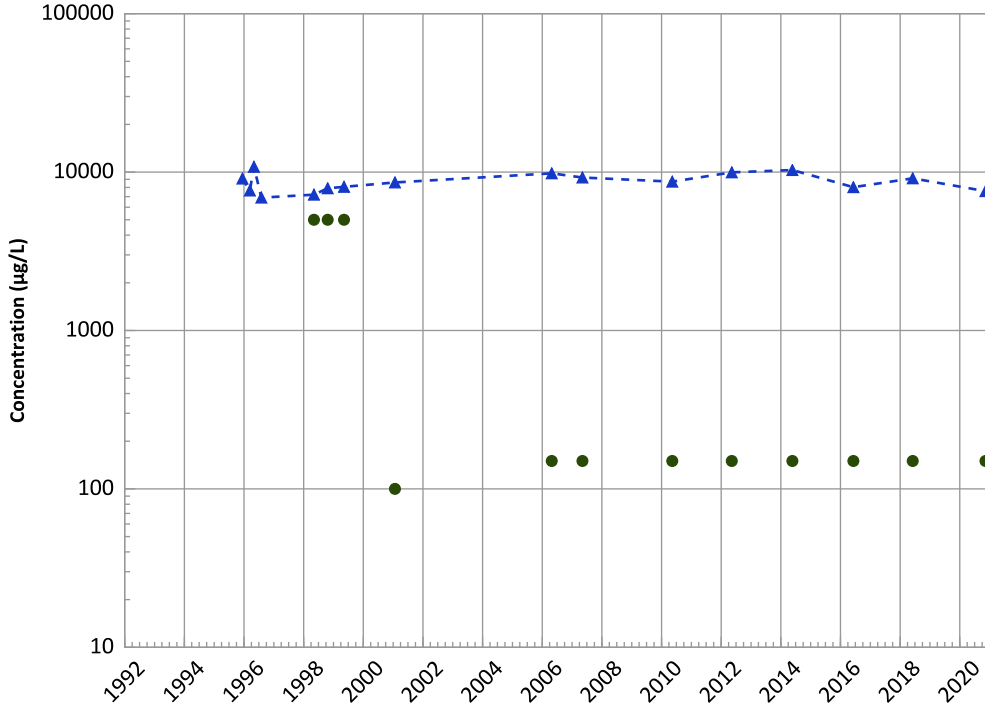
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

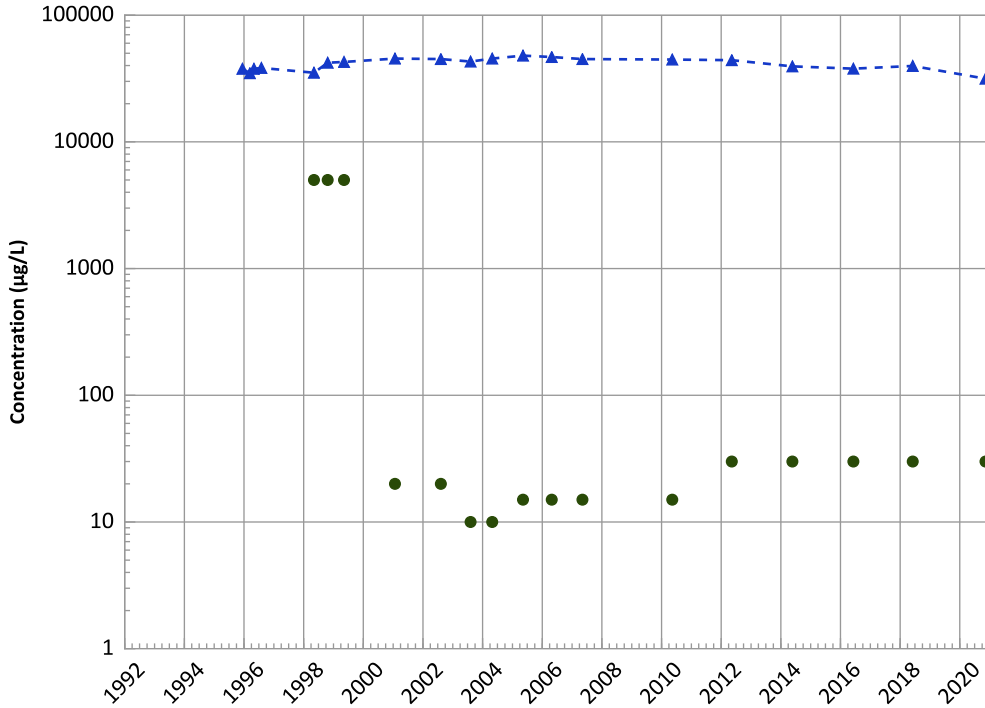
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

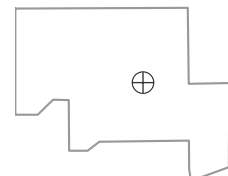
All Data:

Decreasing

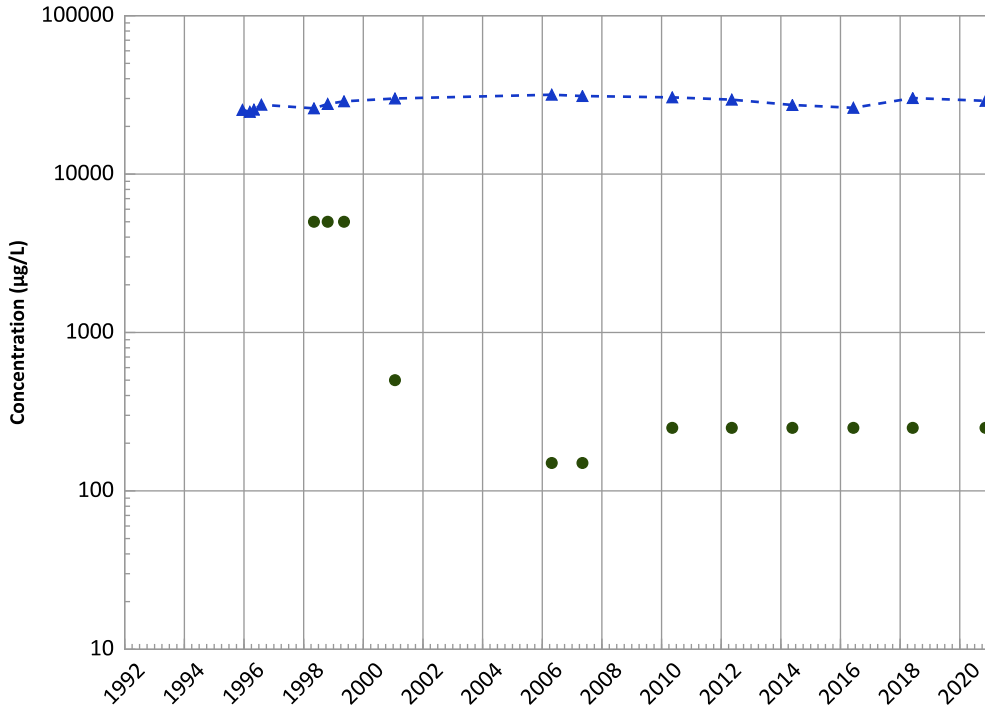
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/13/1995 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend

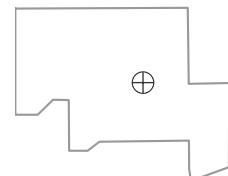


Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Increasing
 MAROS Linear Regression Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Increasing

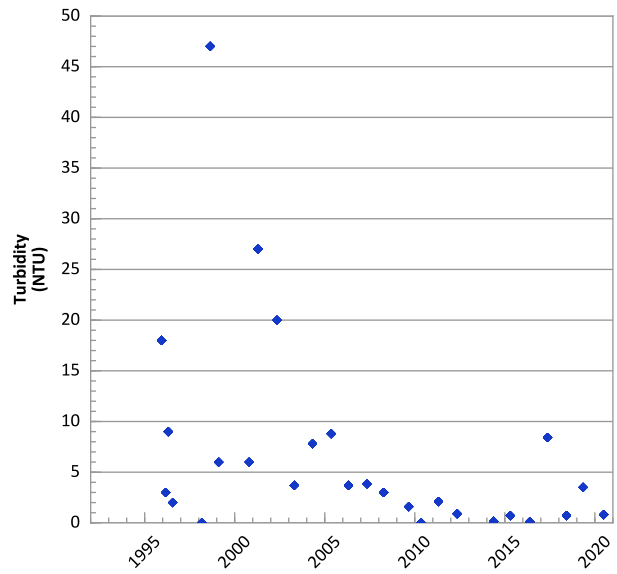
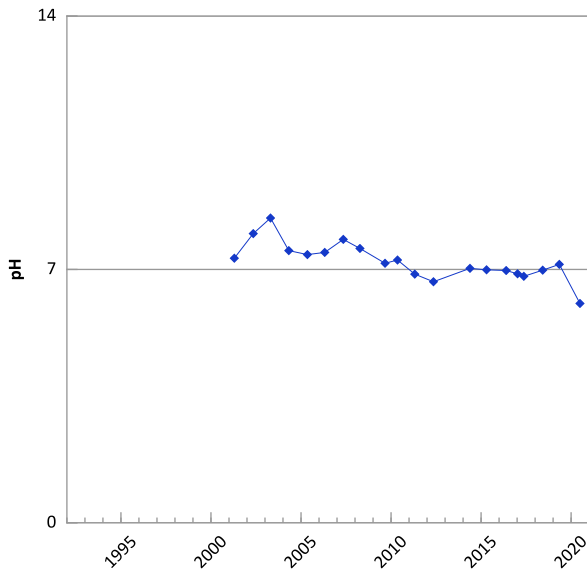
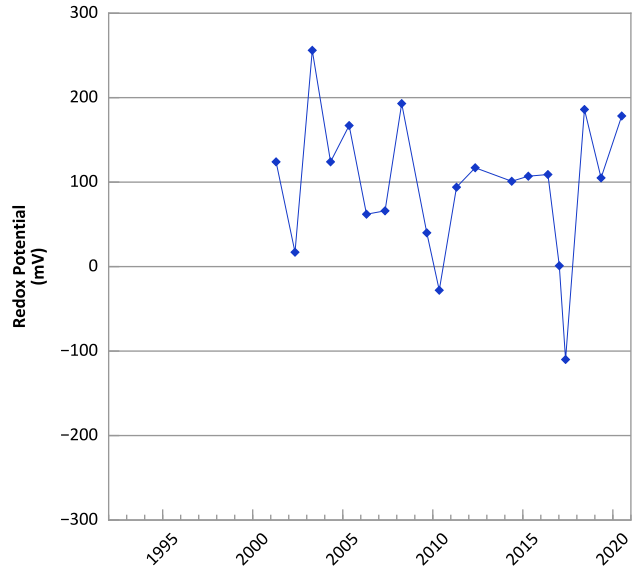
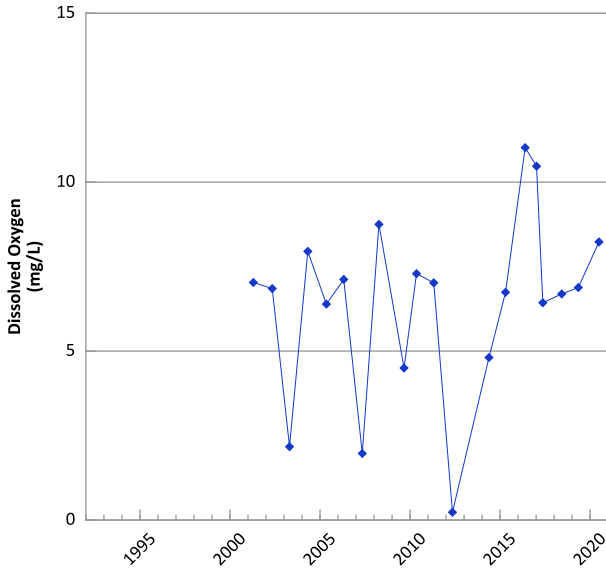
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/13/1995 to 11/11/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

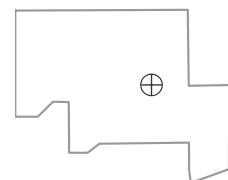


**PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



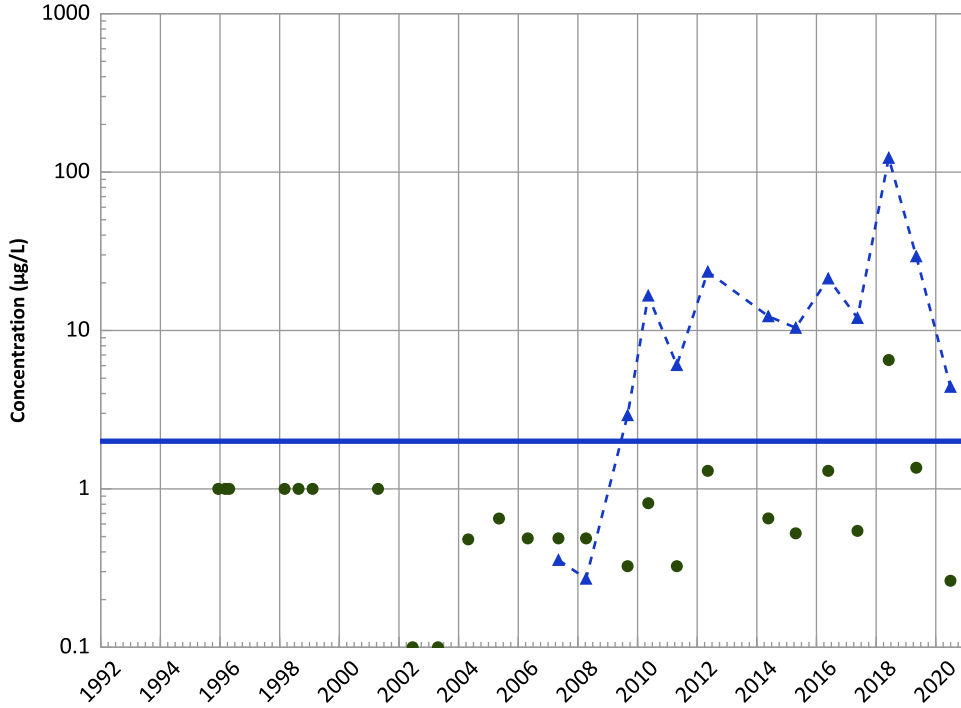
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/11/1995 to 06/29/2020
 Analysis Date: 06/03/2021

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

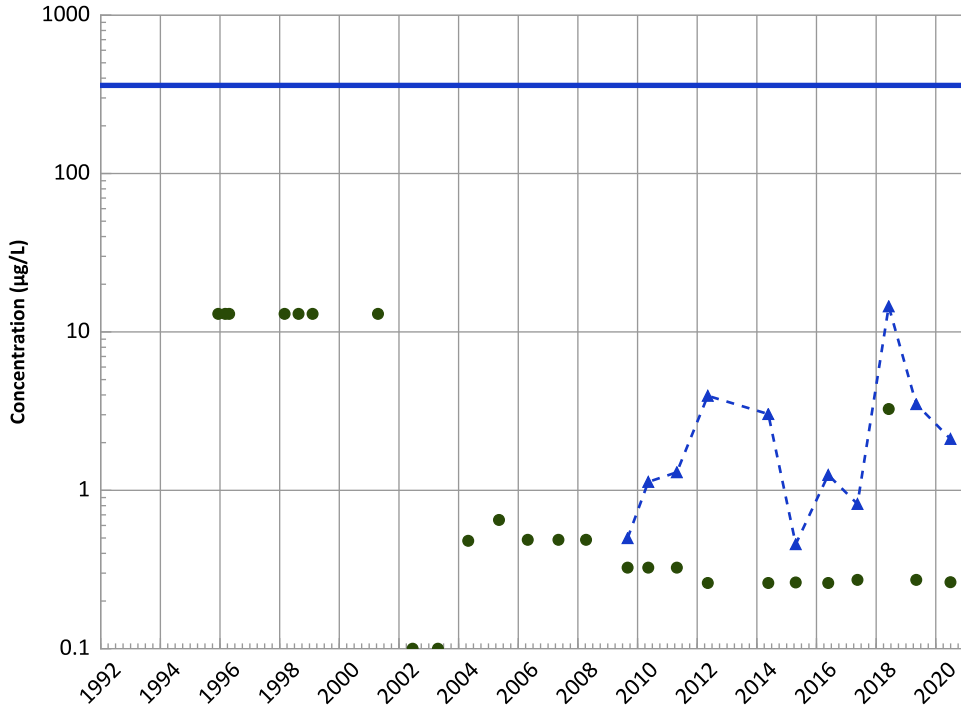
2018 - 2020 Data:

No Trend

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

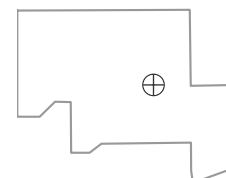
All Data:

Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

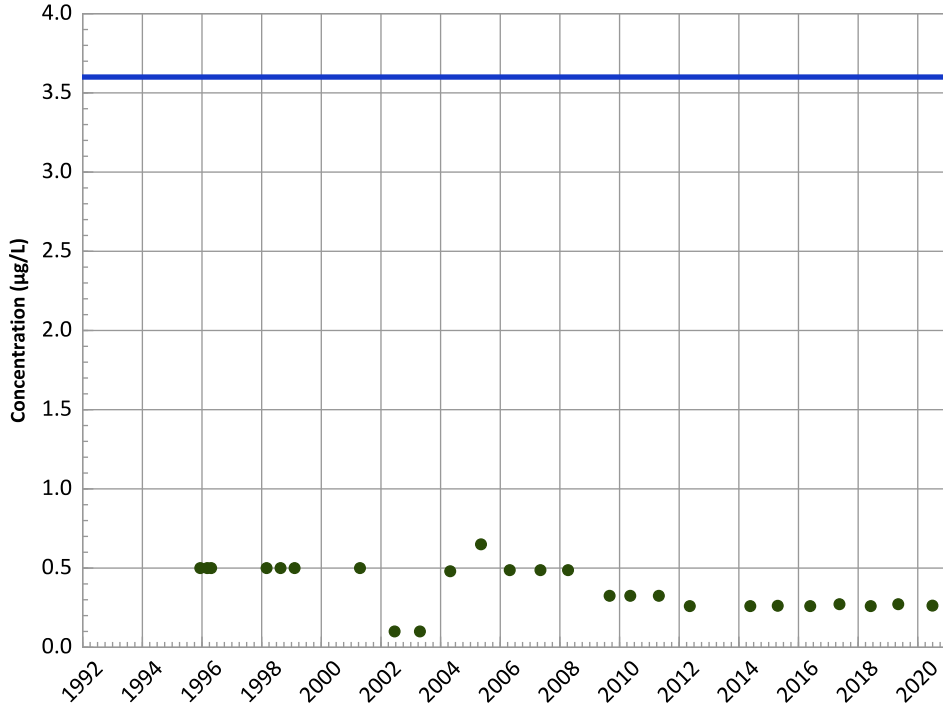
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

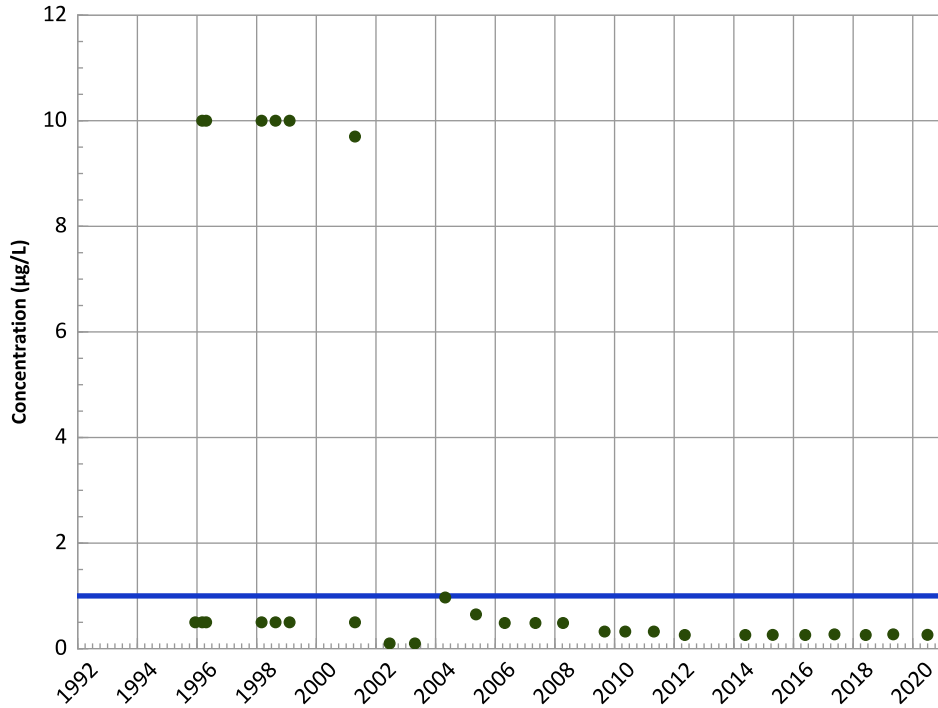
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

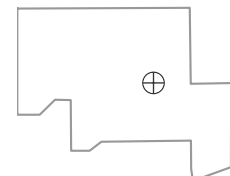
All Data:

All Non-Detect

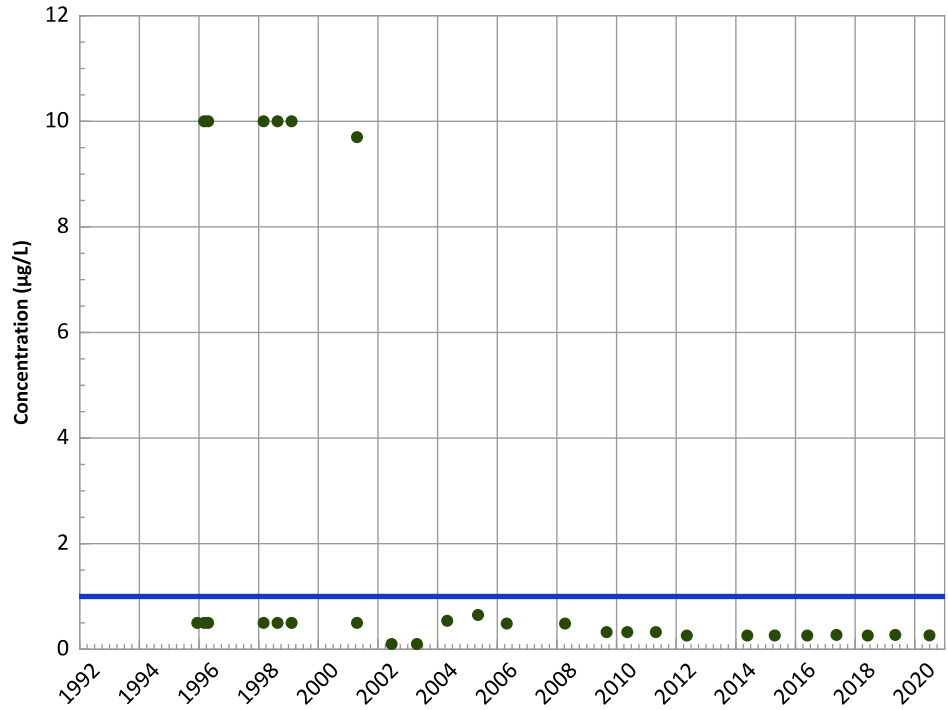
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

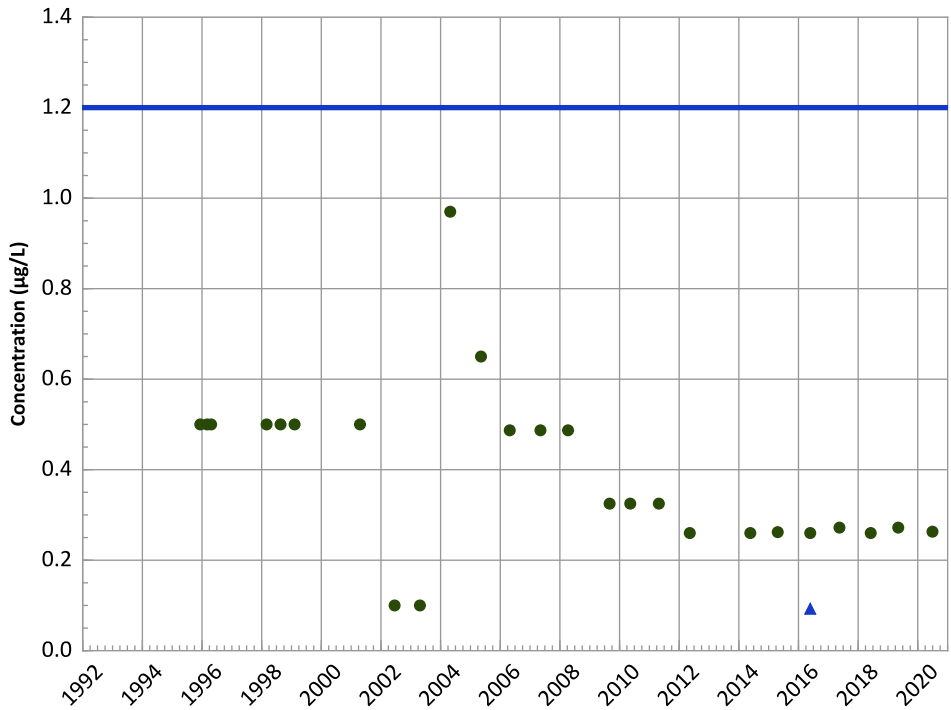
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

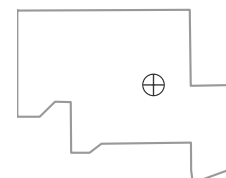
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

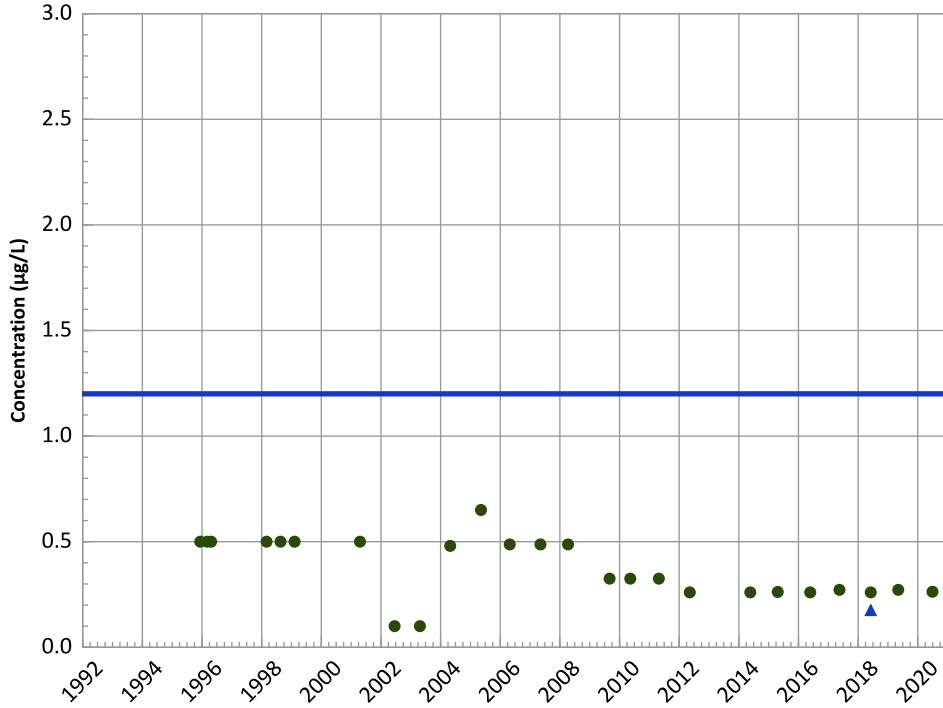
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

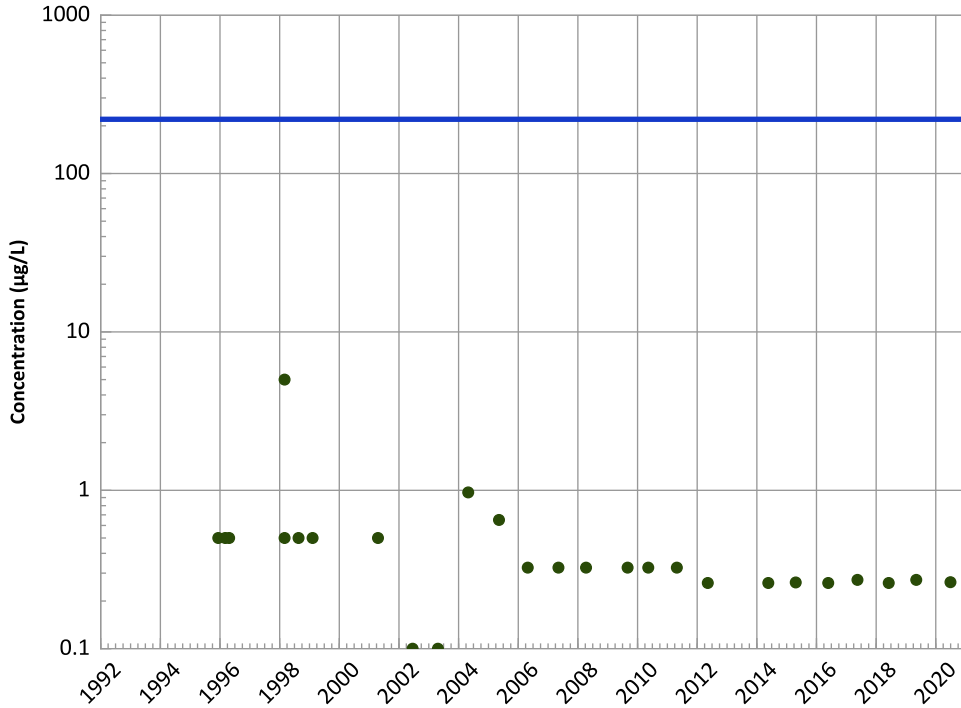
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

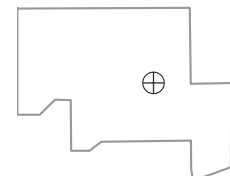
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

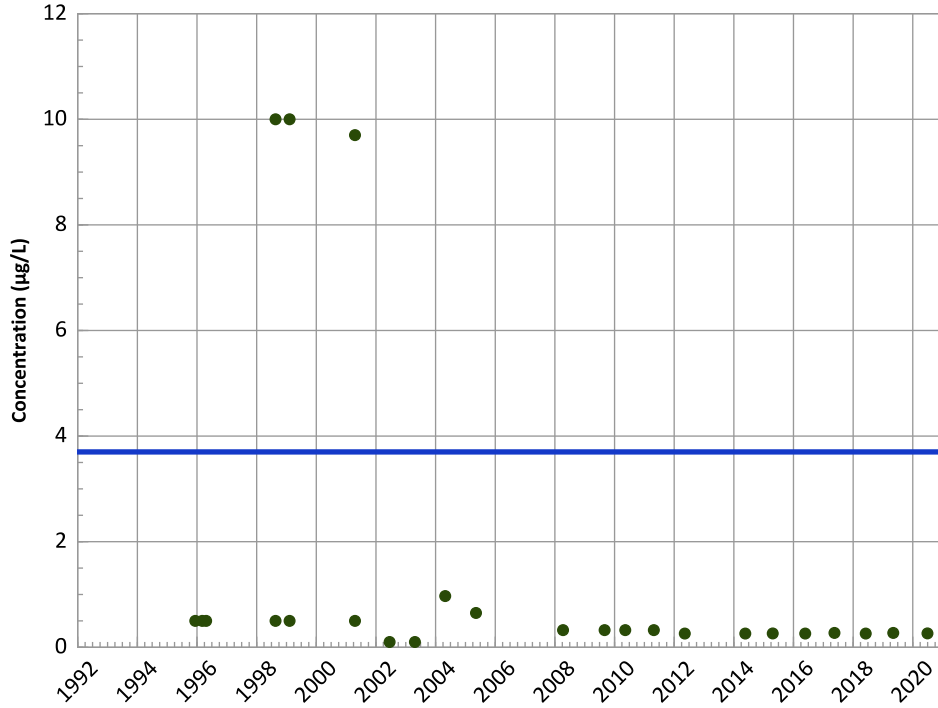
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

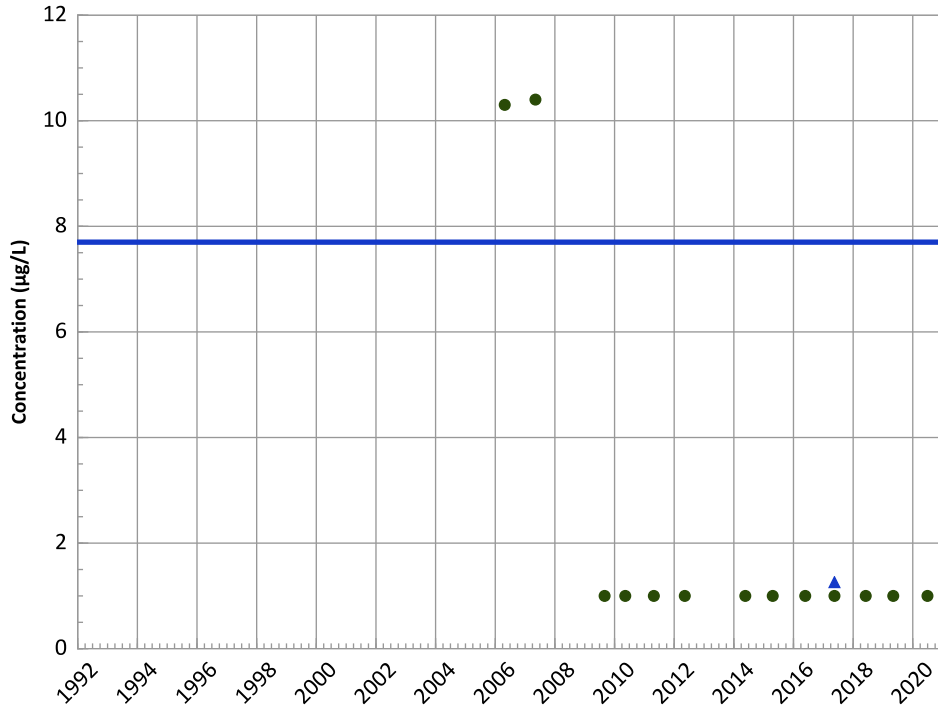
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

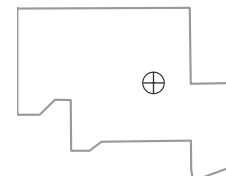
All Data:

N/A (<4 Detections in Dataset)

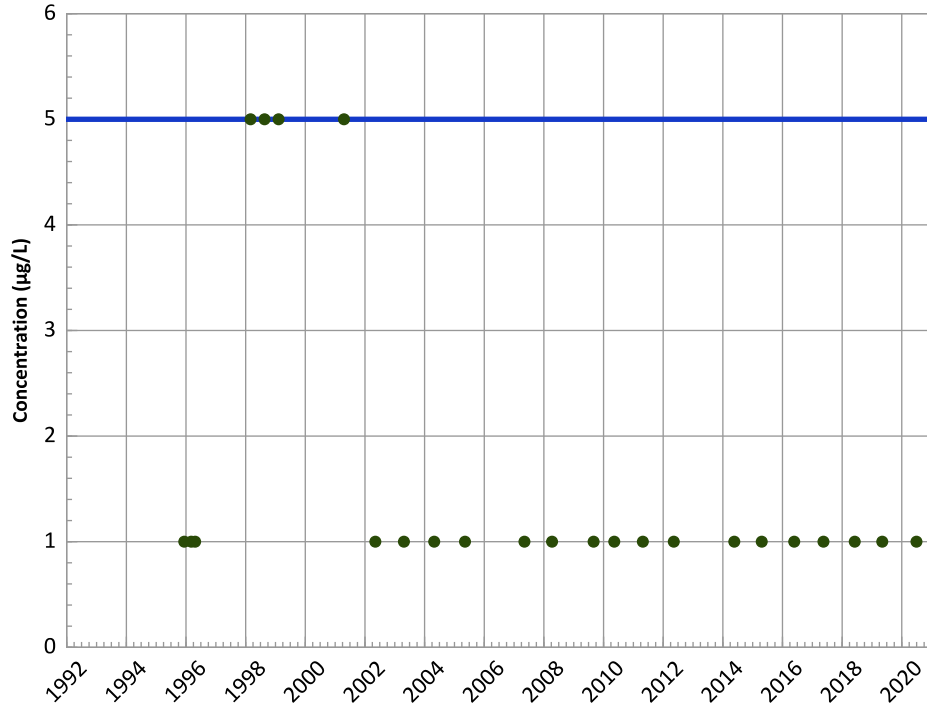
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

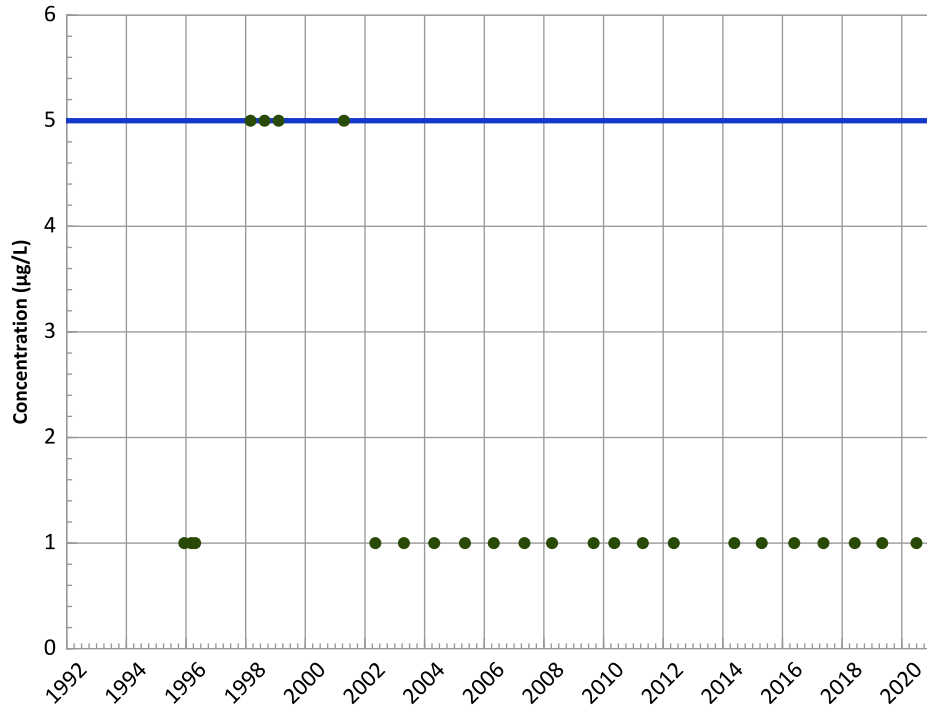
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

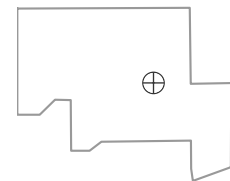
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

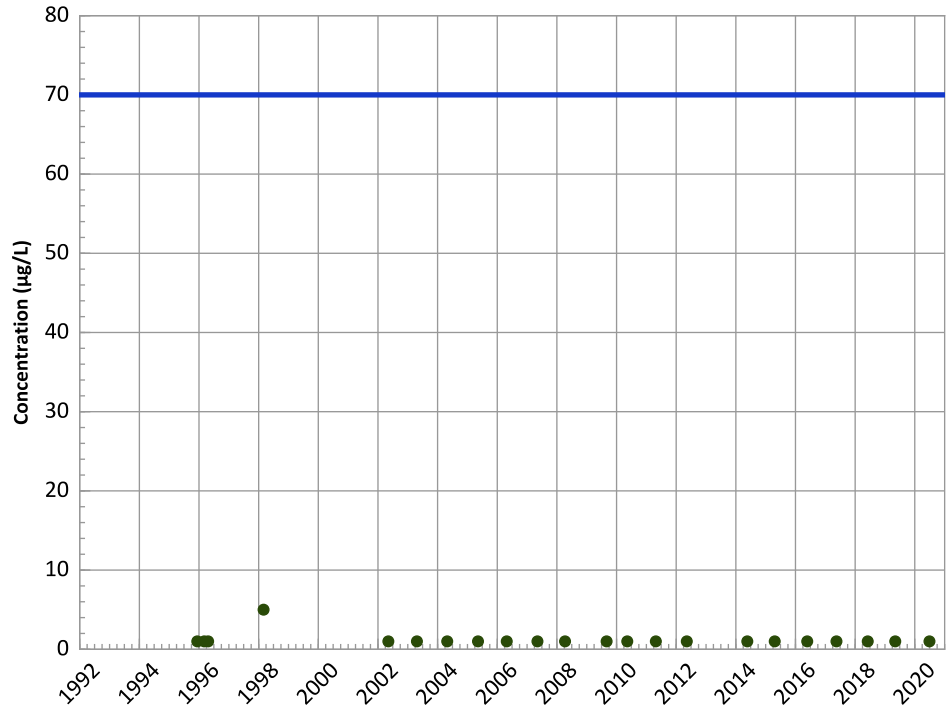
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

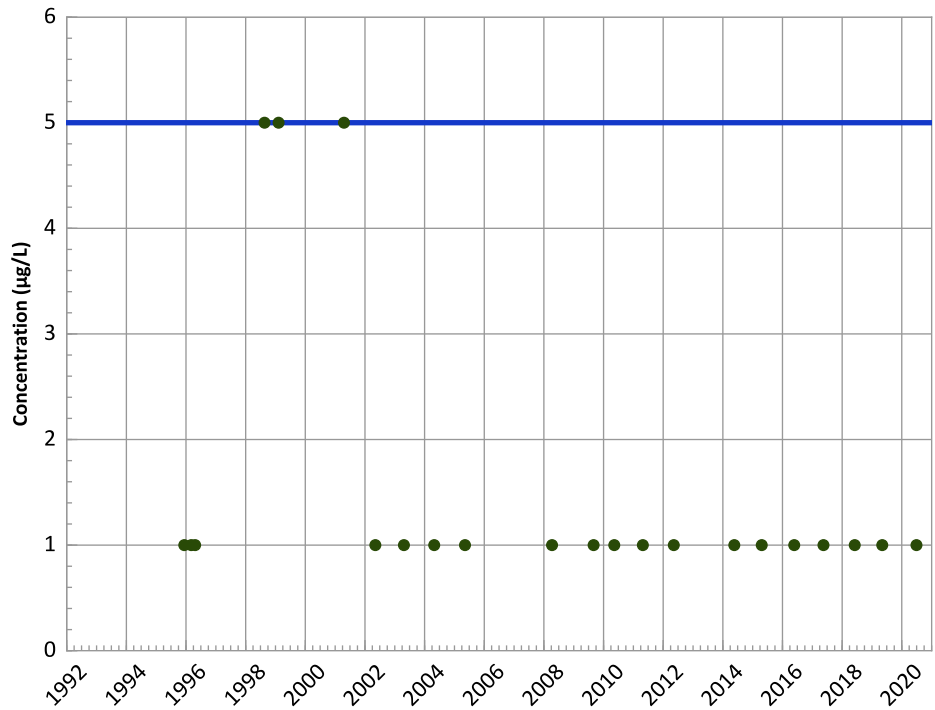
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

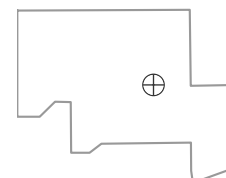
All Data:
All Non-Detect

All Data:
All Non-Detect

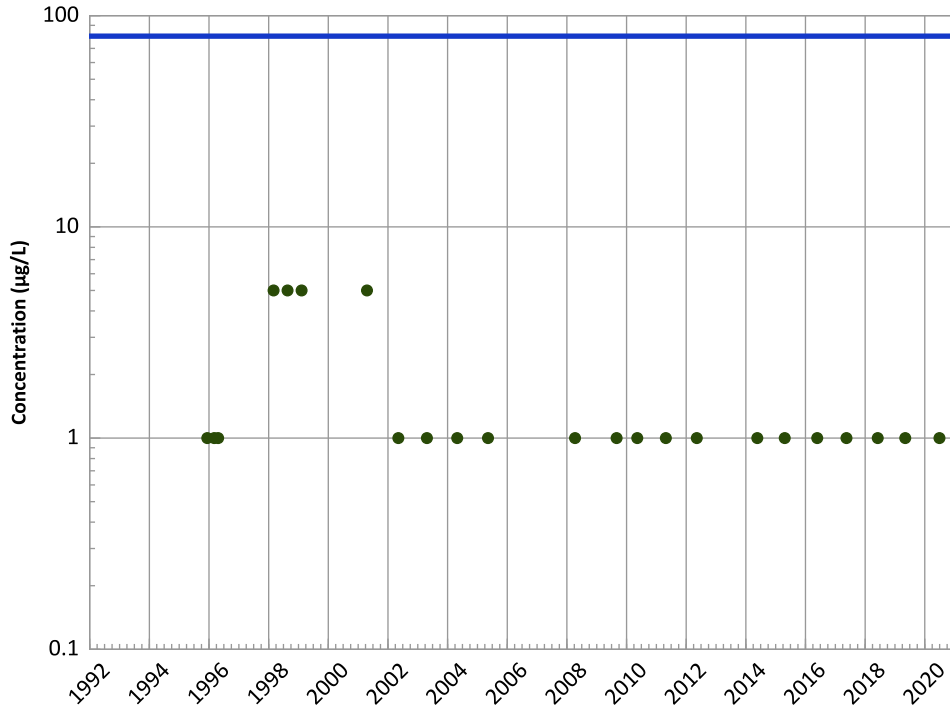
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

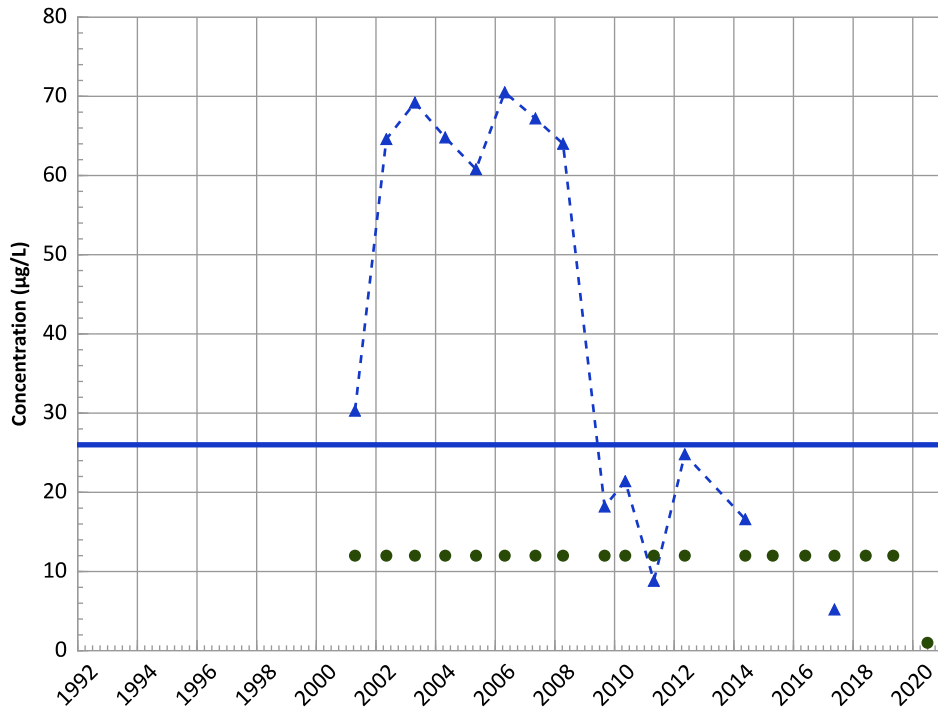
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

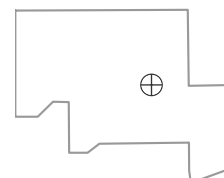
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

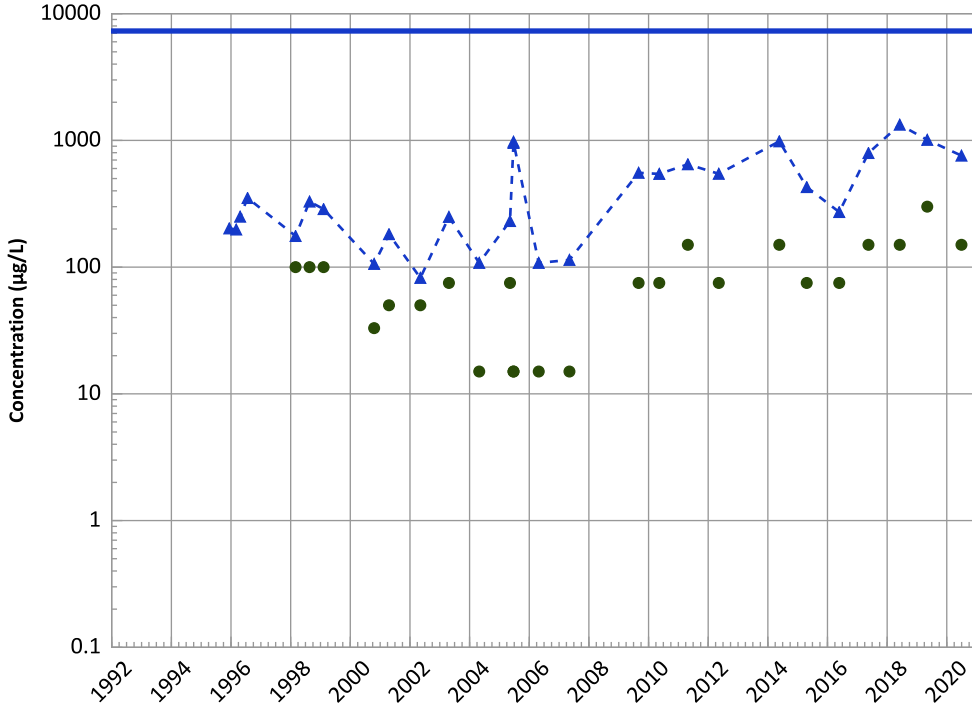
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

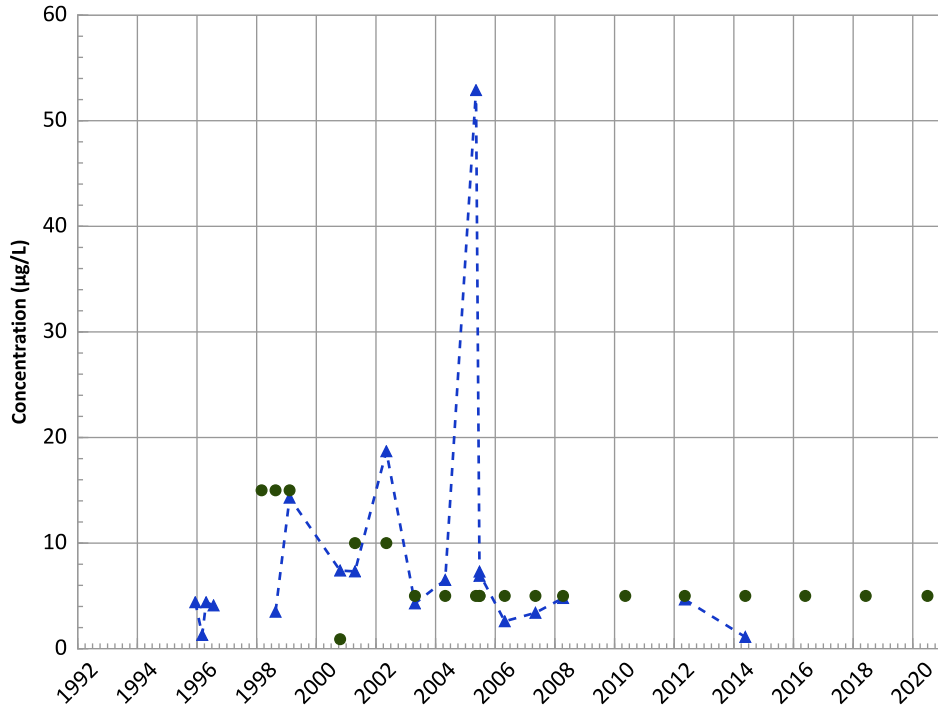
2018 - 2020 Data:

Stable

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

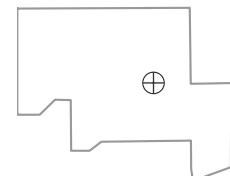
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

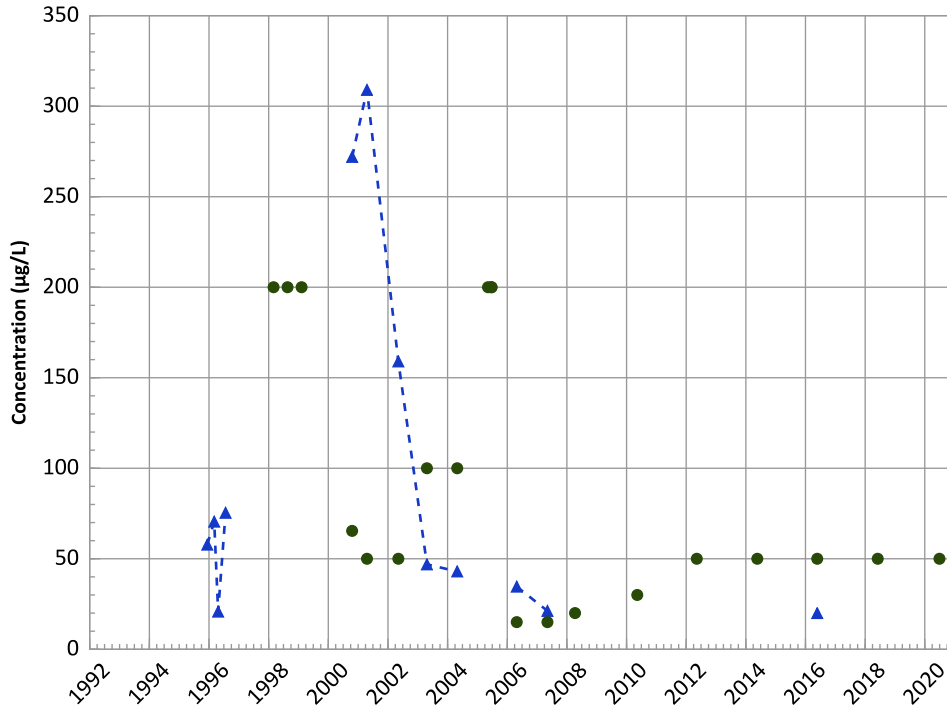
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

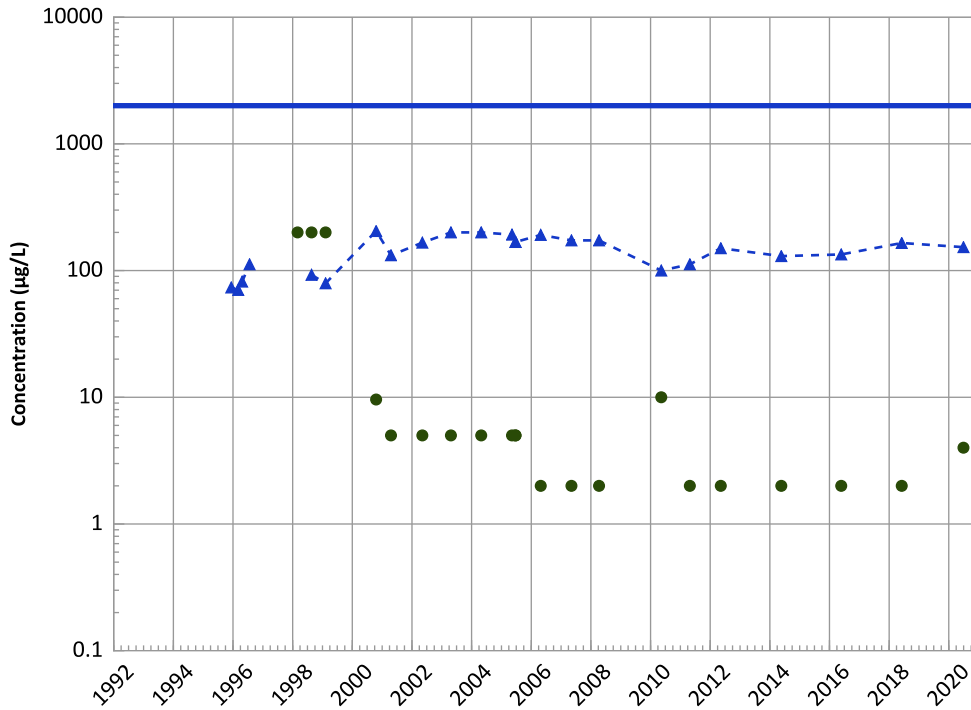


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

Barium Trend



Concentration Trend

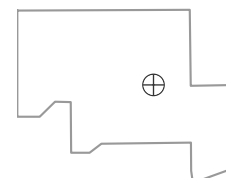
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

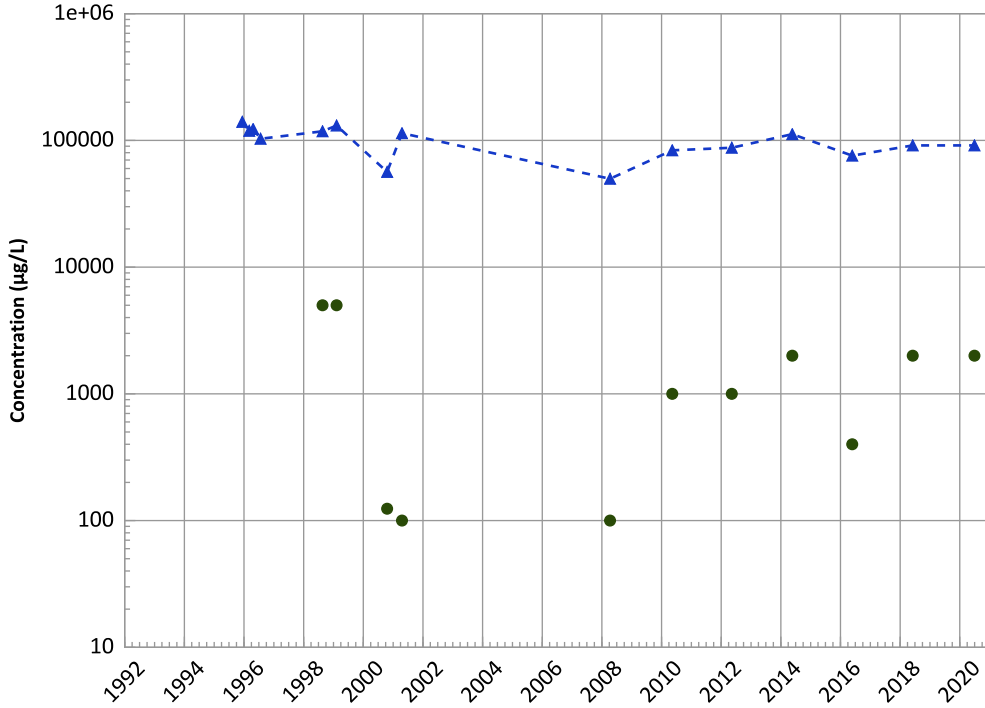
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

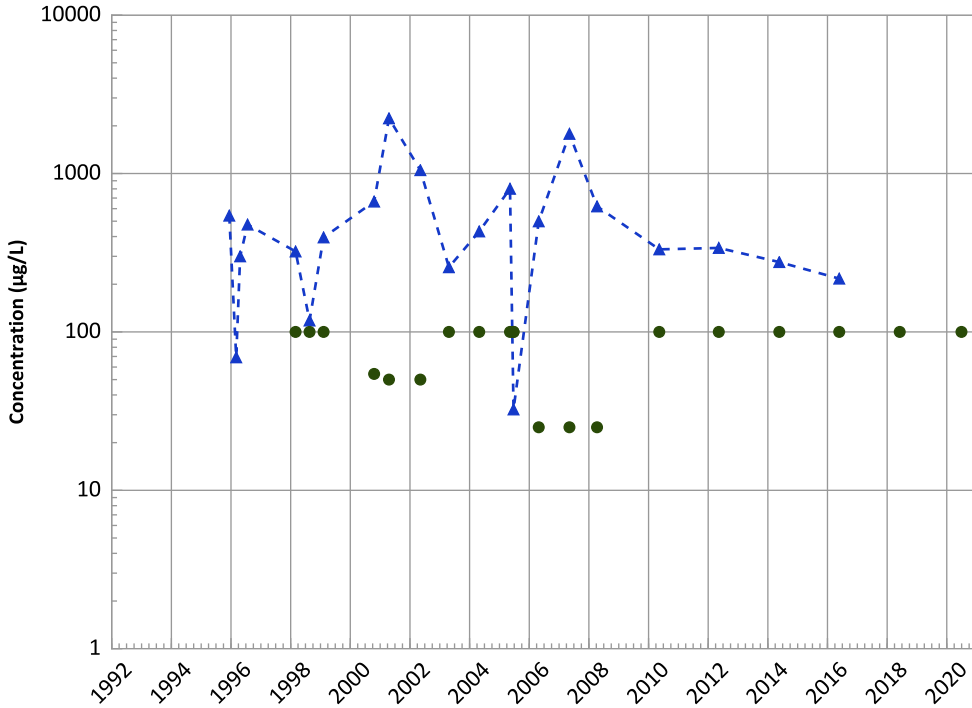
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

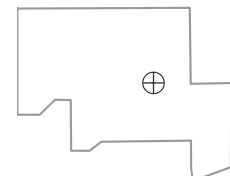
2018 - 2020 Data:

Decreasing

All Data:

No Trend

Well Location

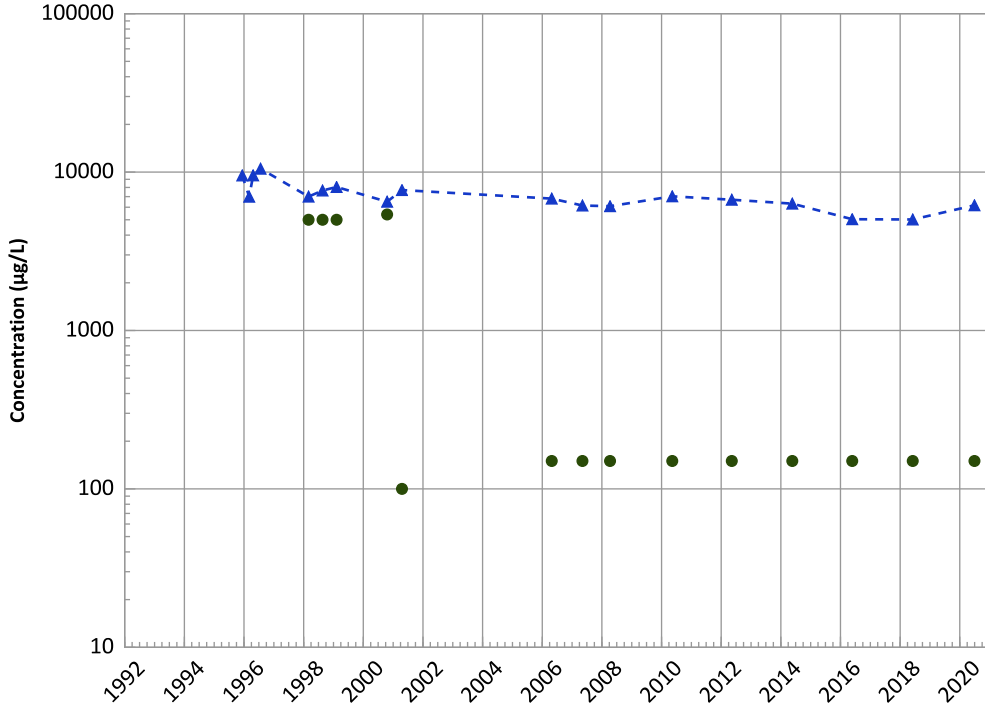


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

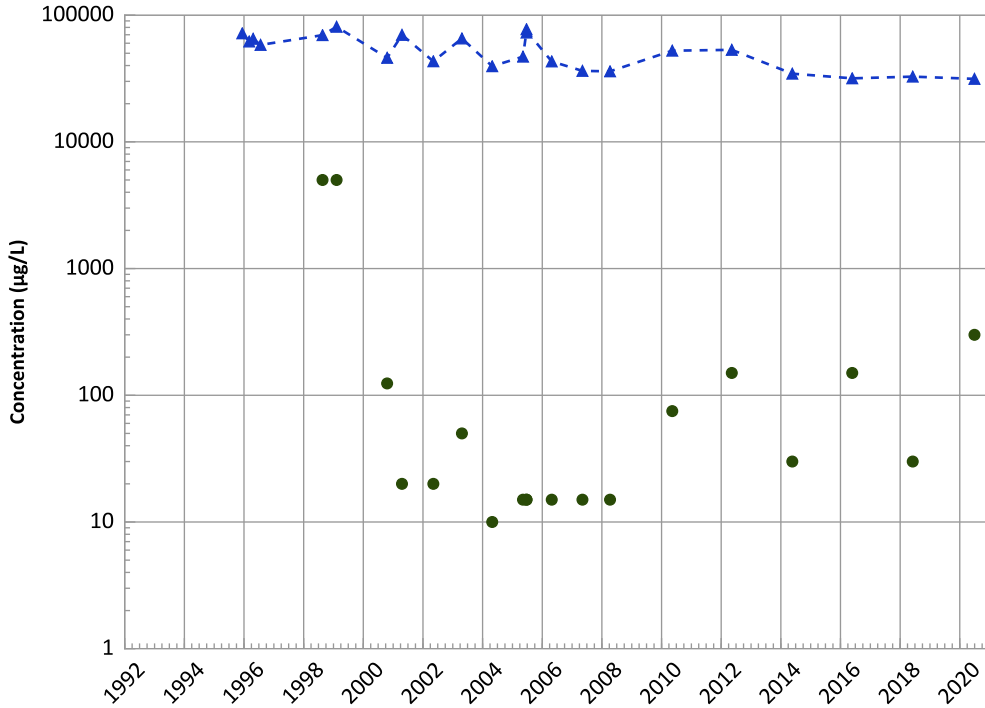
2018 - 2020 Data:

Stable

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

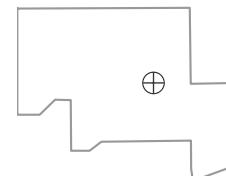
All Data:

Decreasing

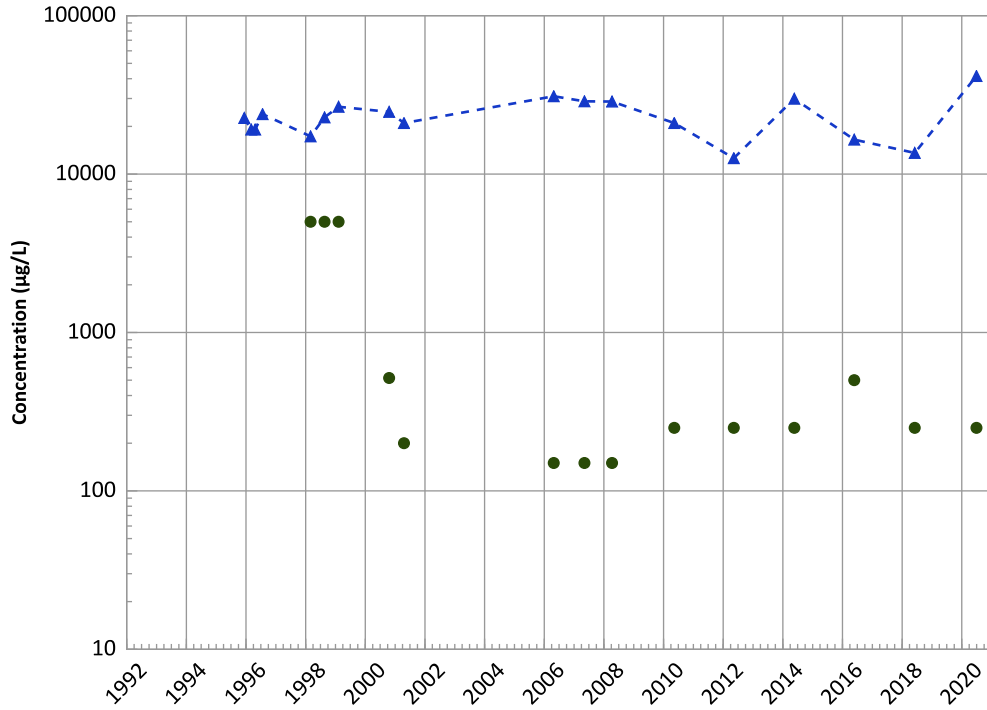
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/11/1995 to 06/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

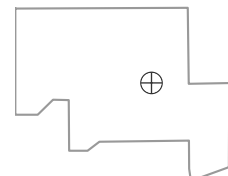
All Data:

Increasing

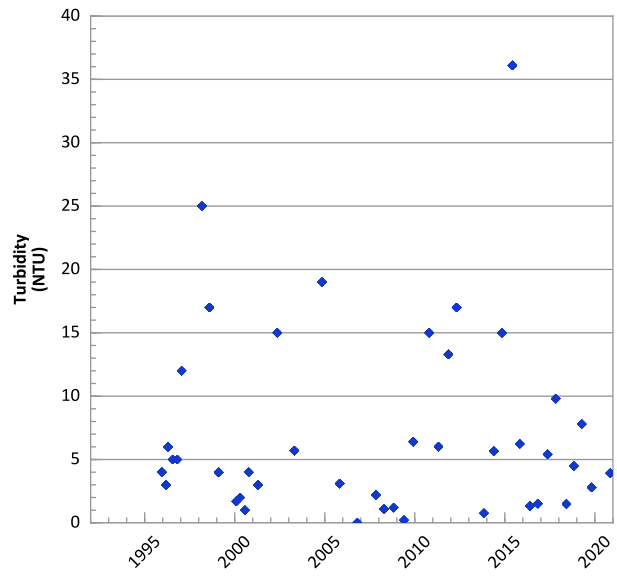
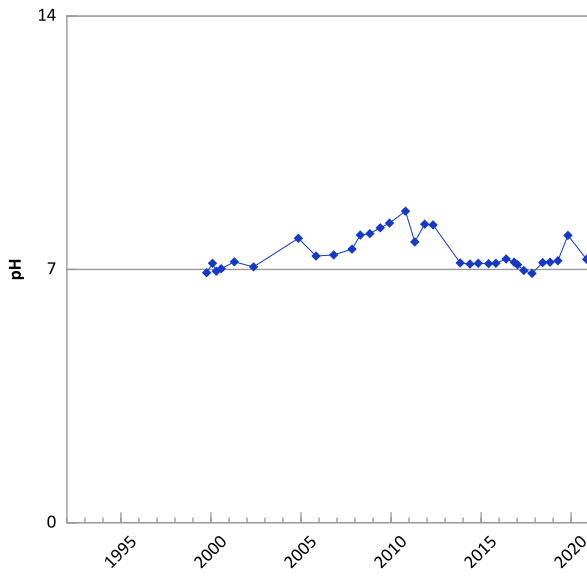
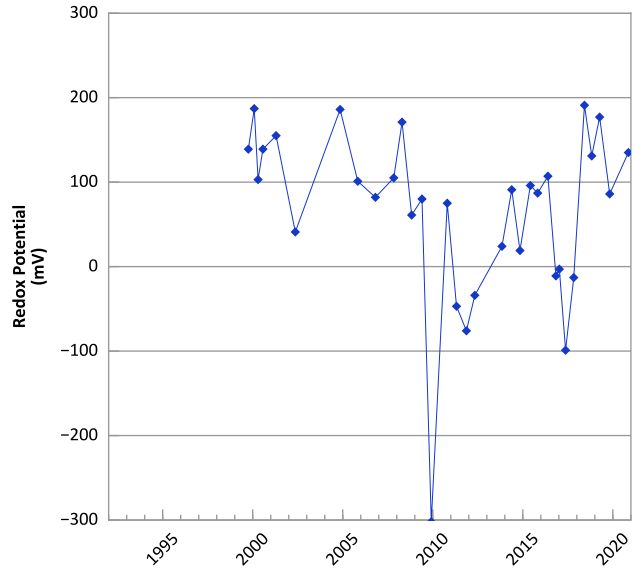
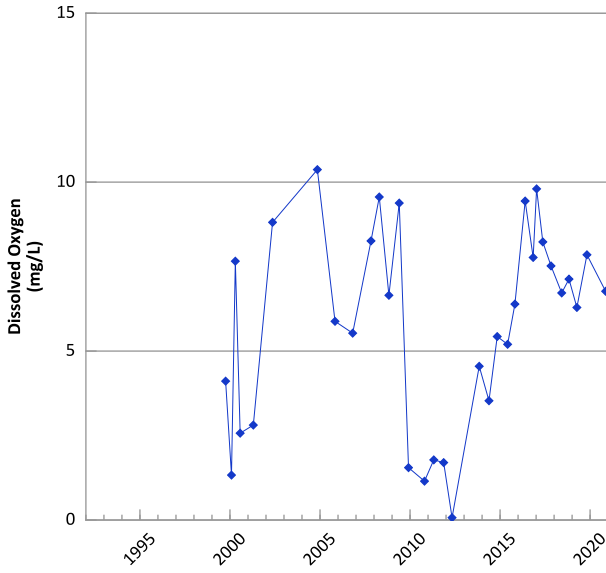
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/11/1995 to 06/29/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

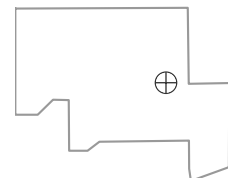


**PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



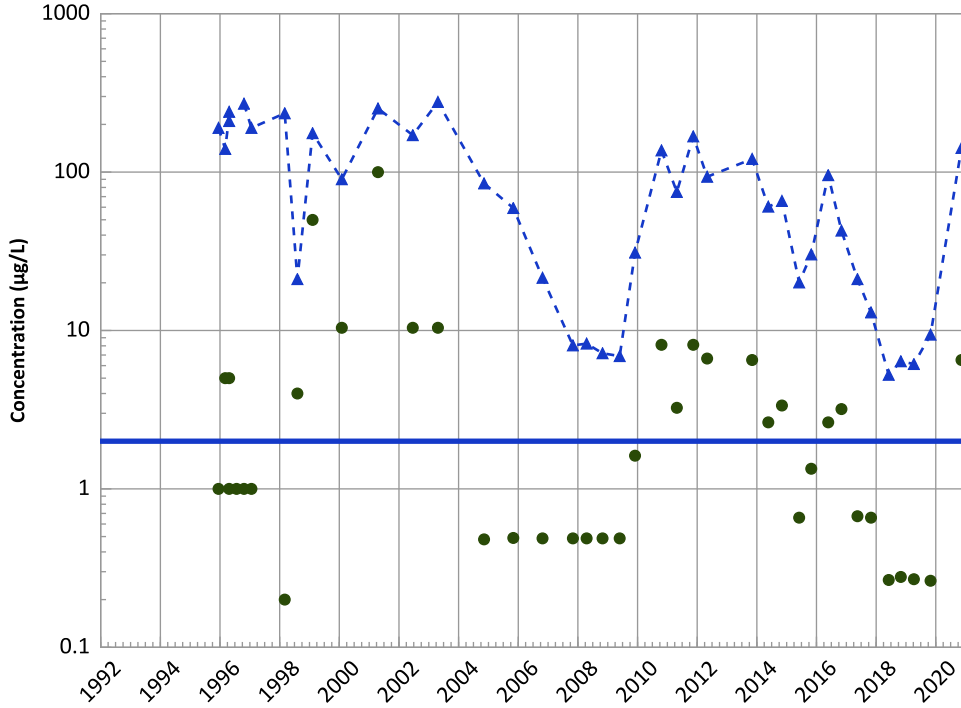
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/14/1995 to 11/11/2020
 Analysis Date: 06/03/2021

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

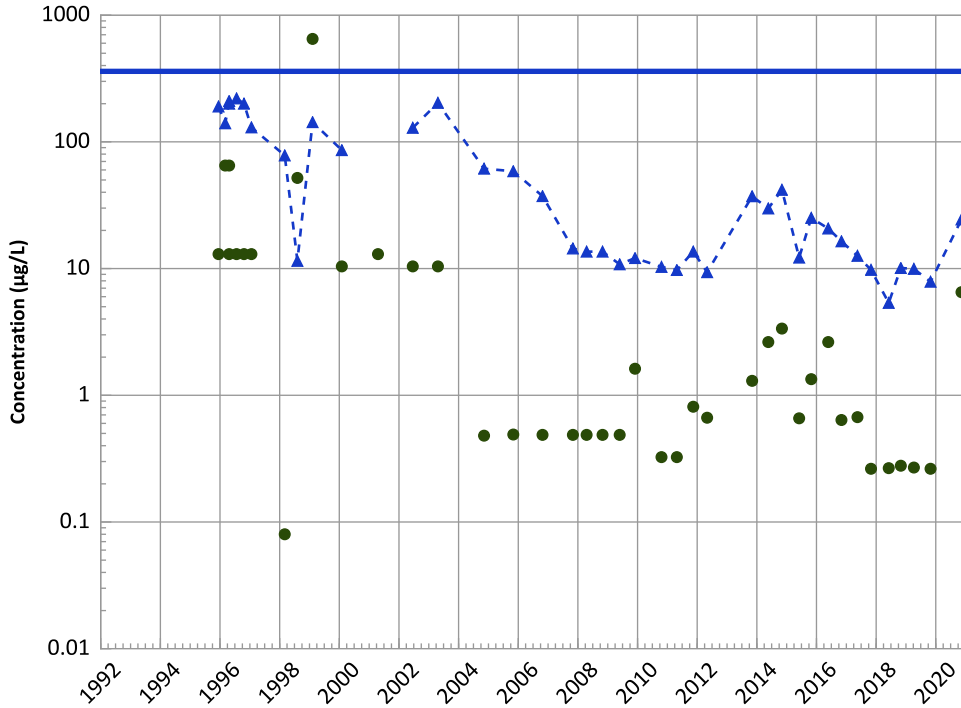
2018 - 2020 Data:

Increasing

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

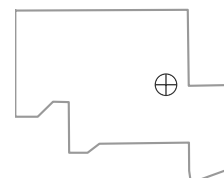
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

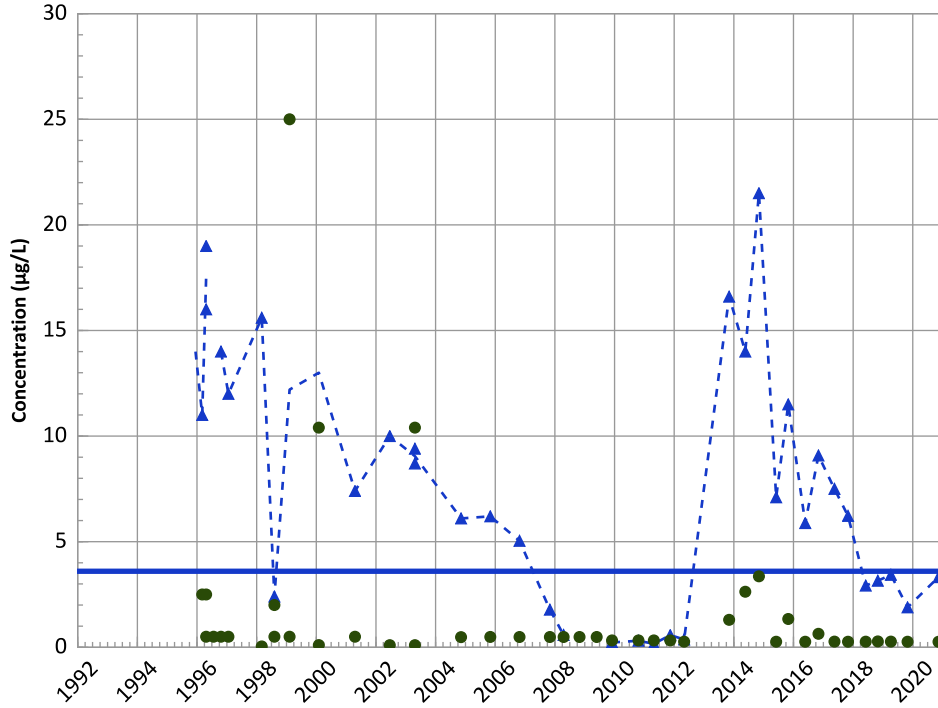
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

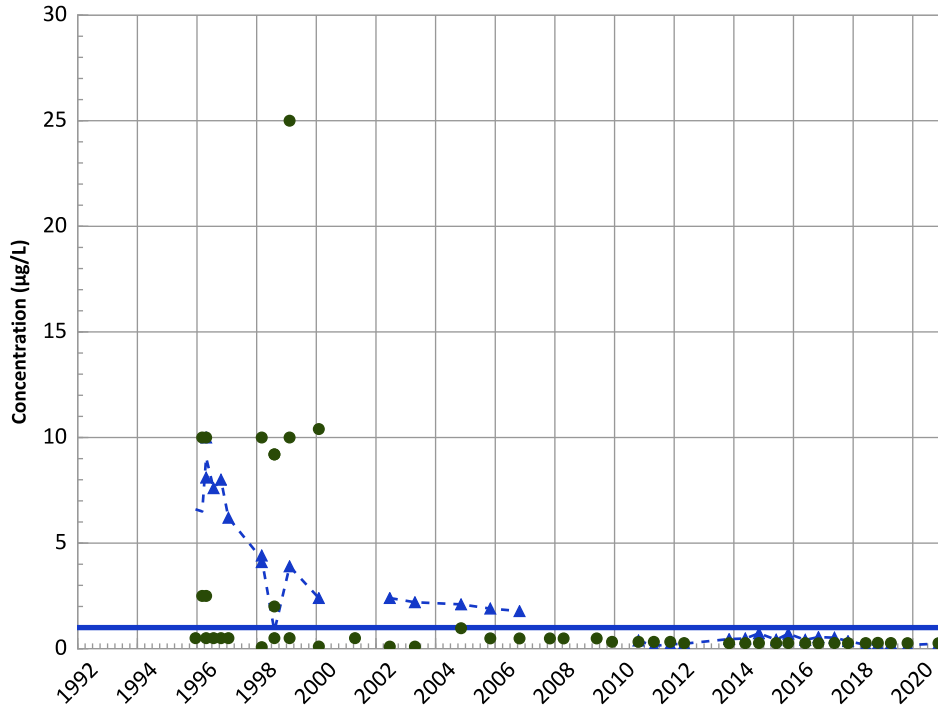
2018 - 2020 Data:

No Trend

All Data:

Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

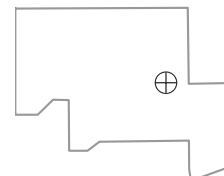
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

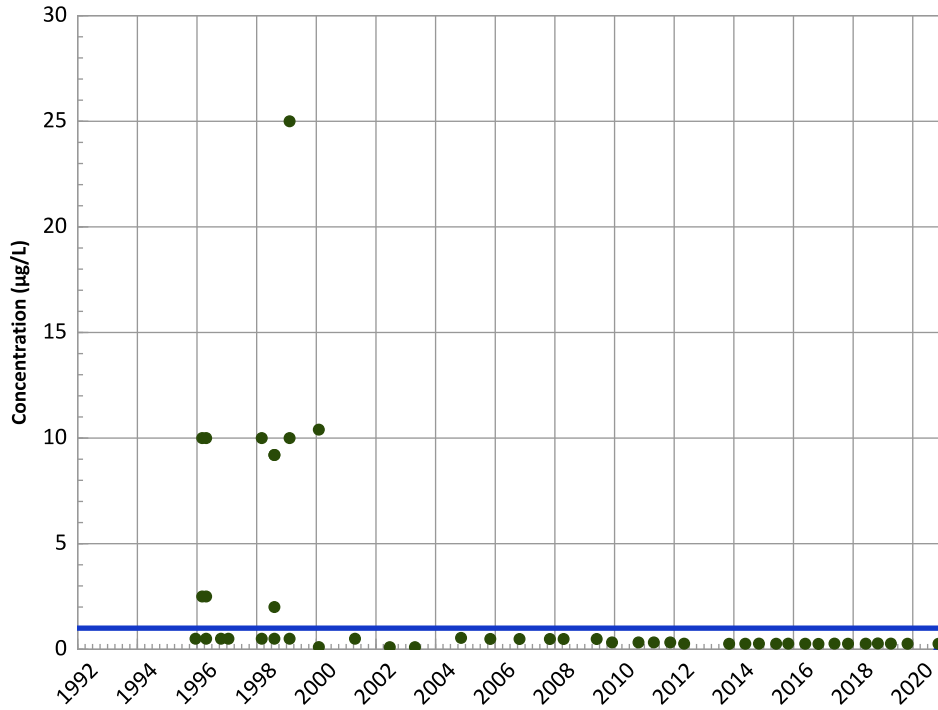
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

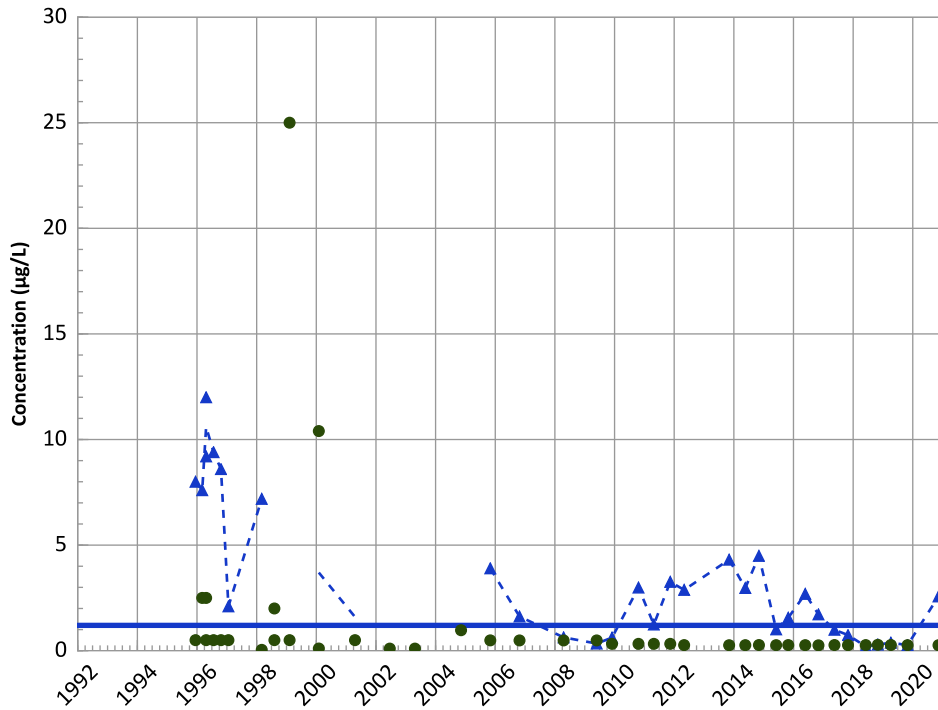


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

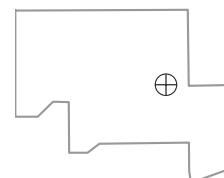
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

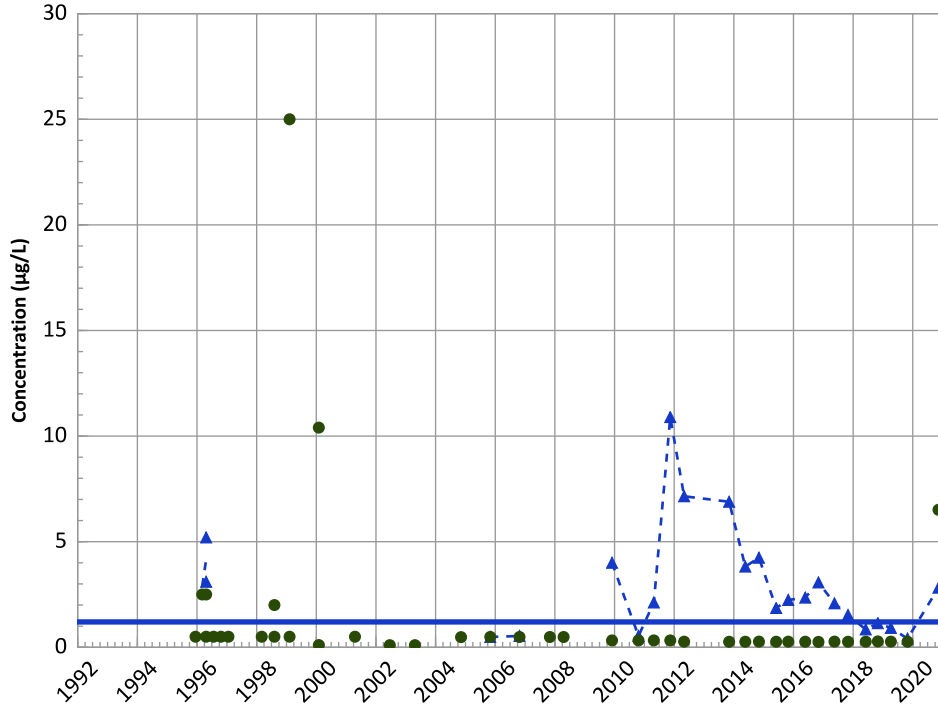
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Probably Increasing

MAROS Linear Regression Method

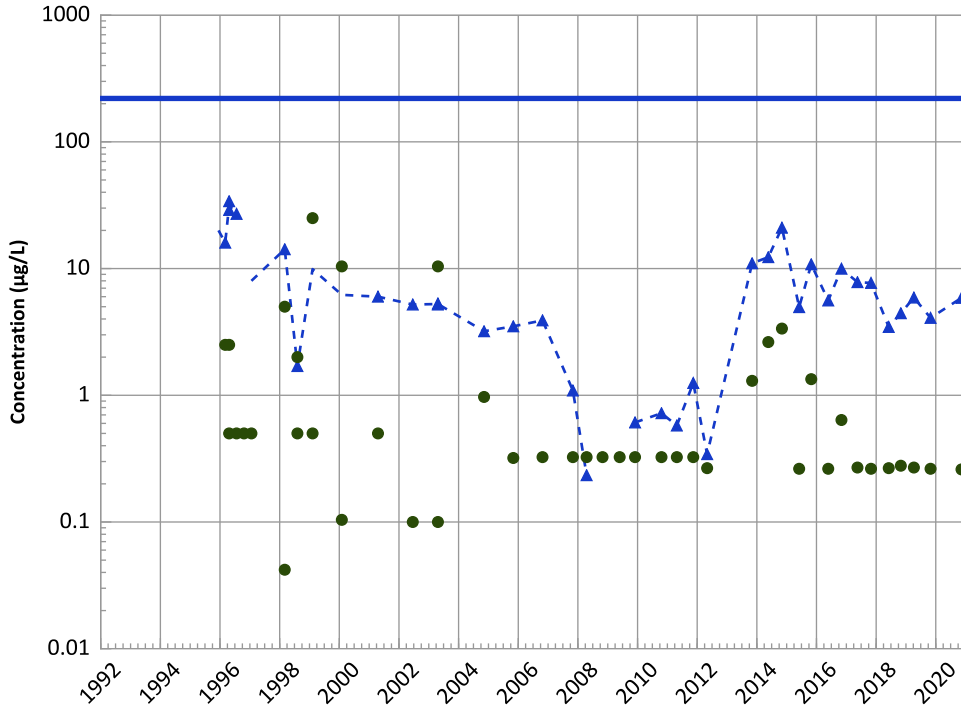
2018 - 2020 Data:

No Trend

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

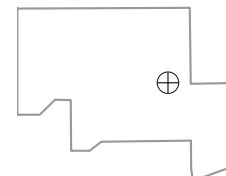
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

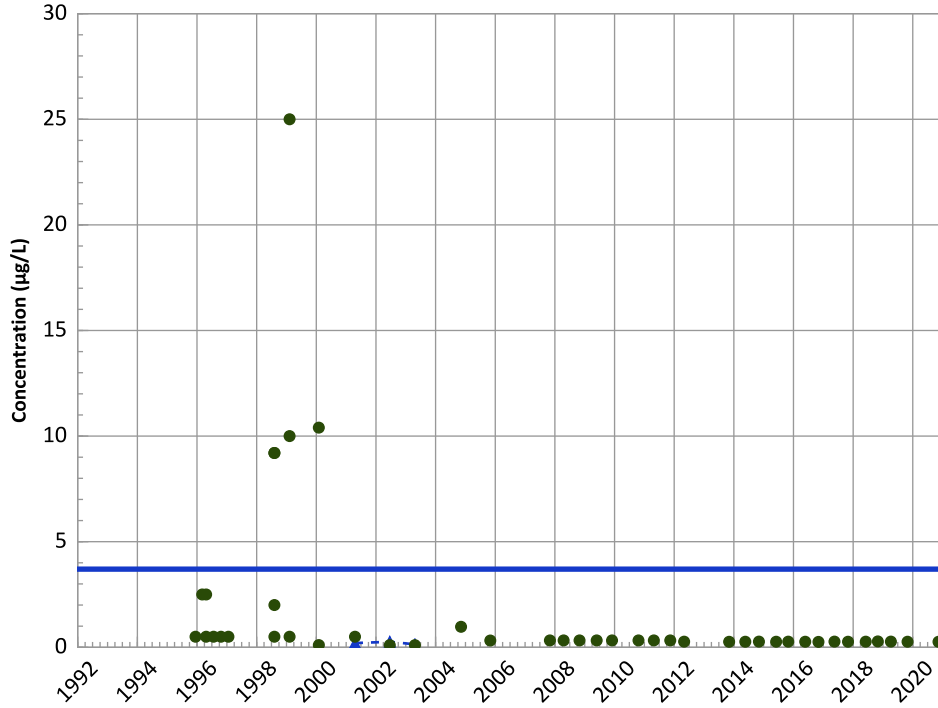
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant**

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
N/A (<4 Detections in Dataset)

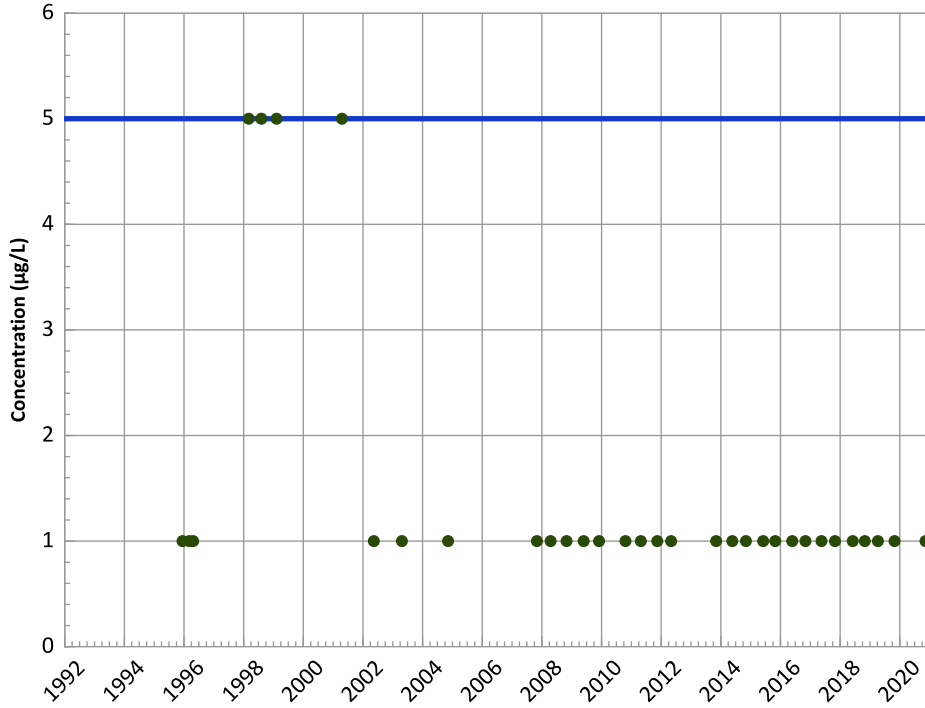
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

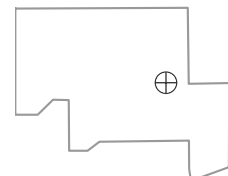
All Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

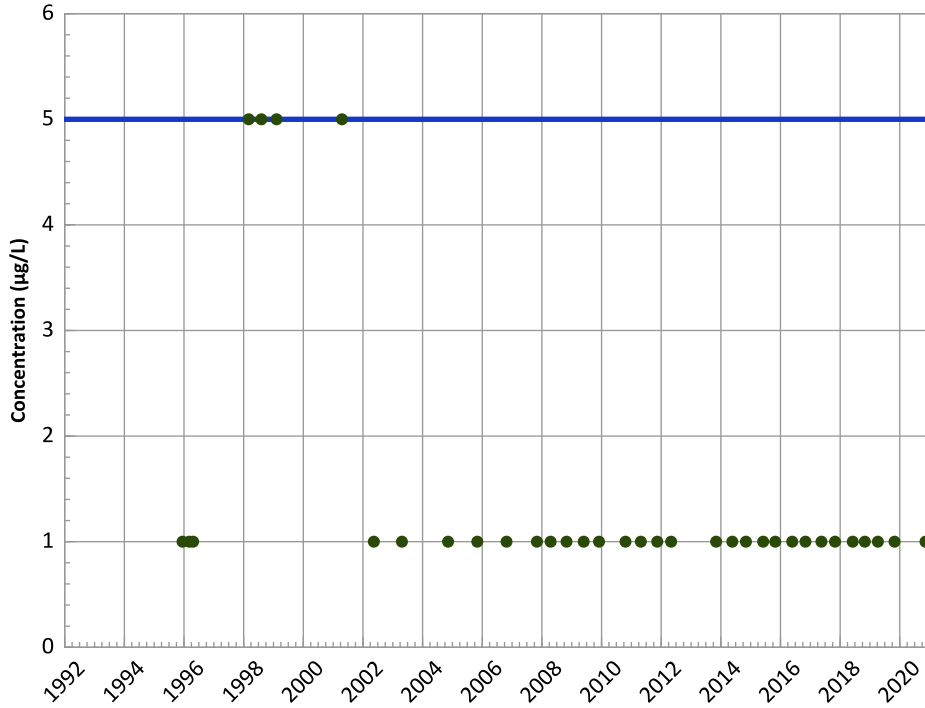
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

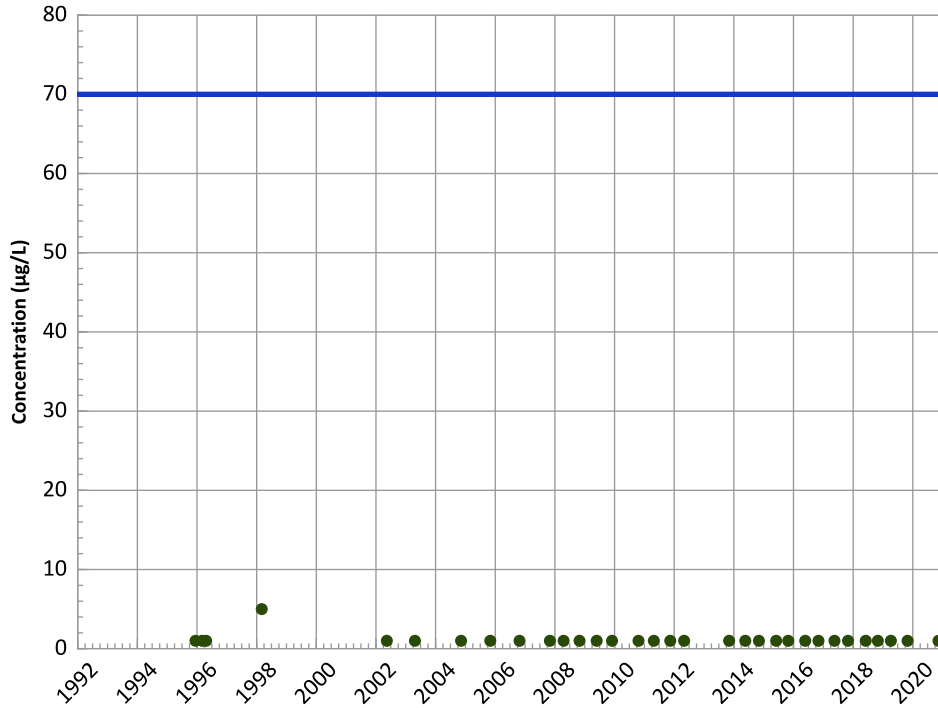
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

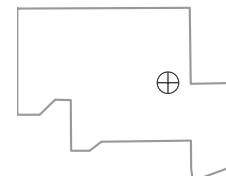
All Data:

All Non-Detect

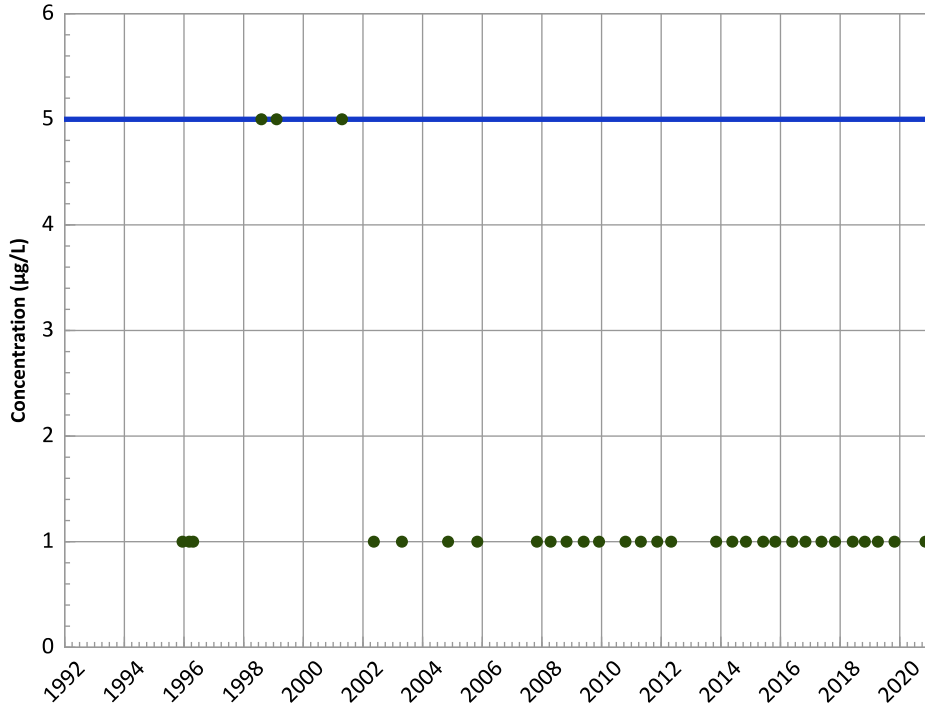
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

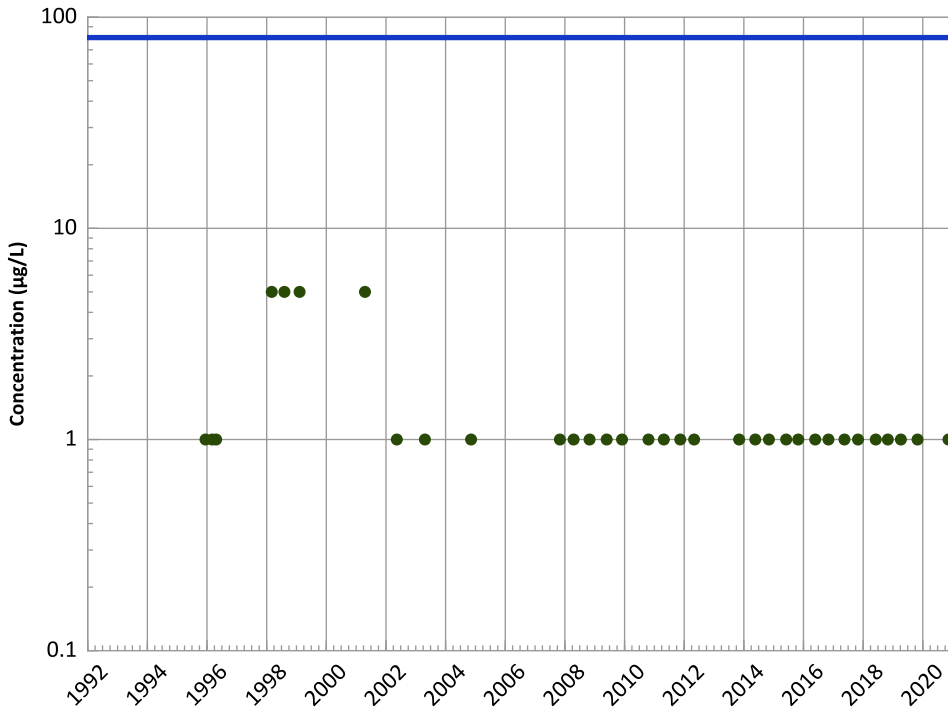
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

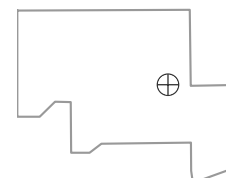
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

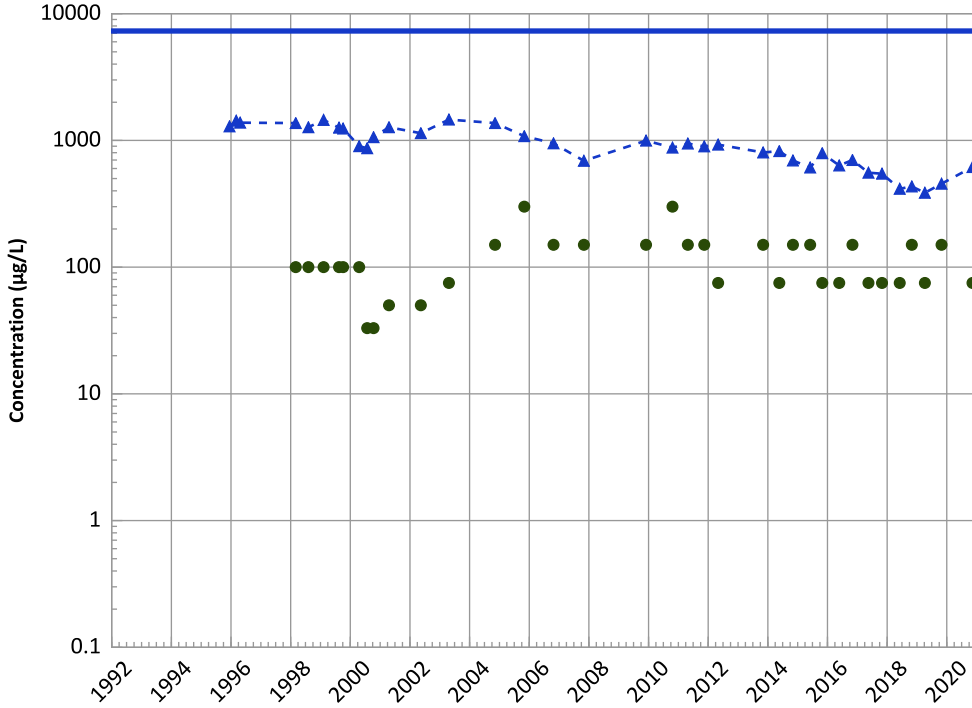
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

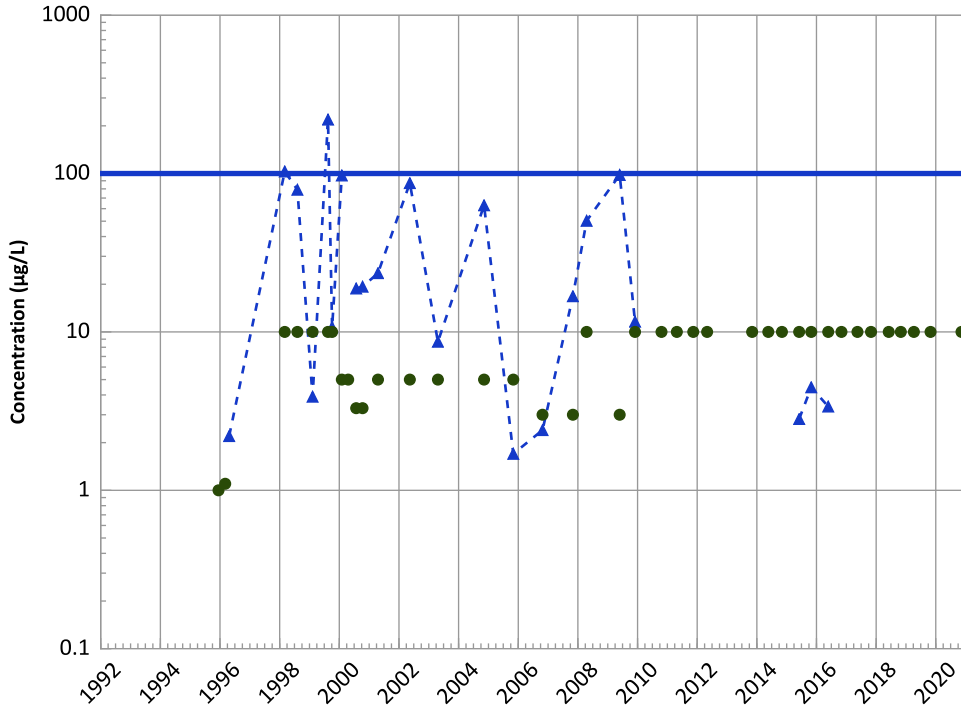
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

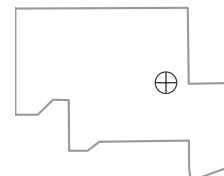
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

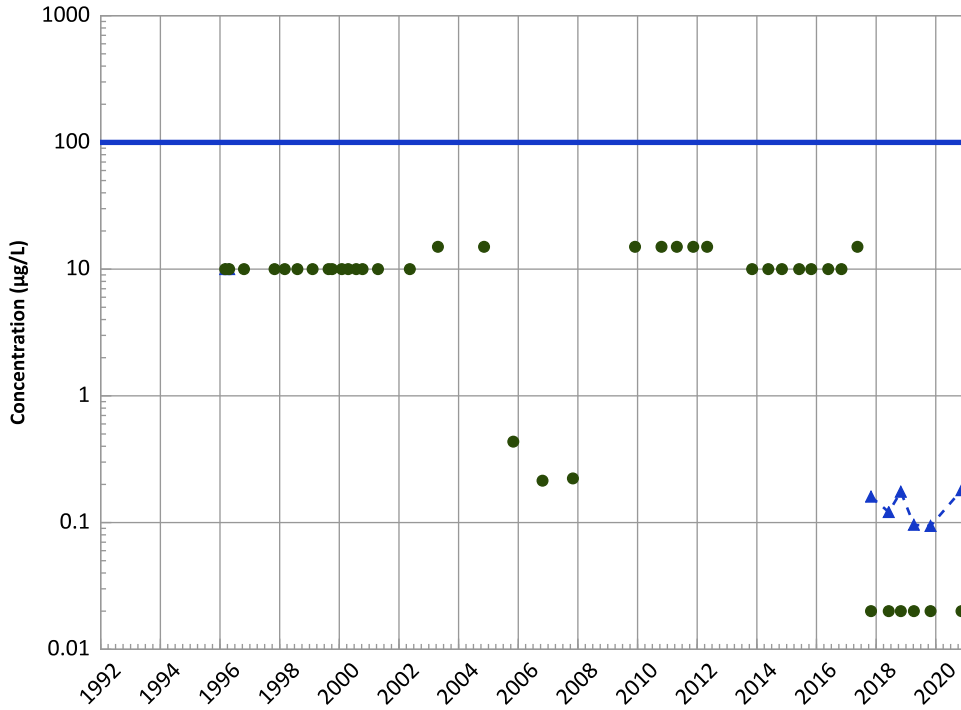
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

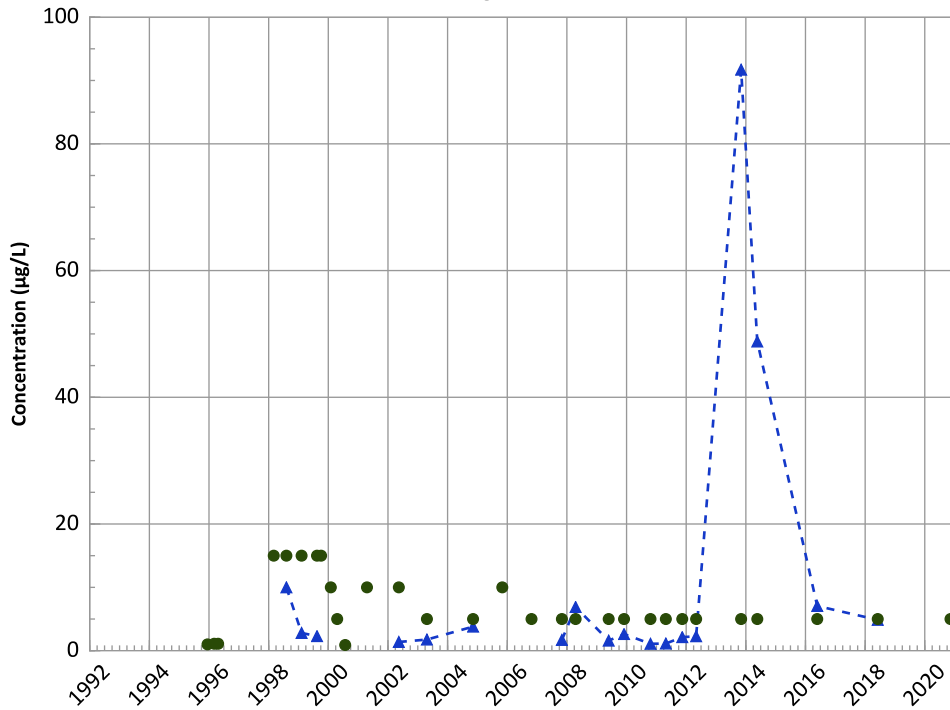
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

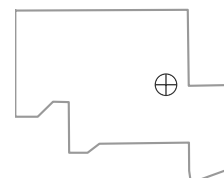
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

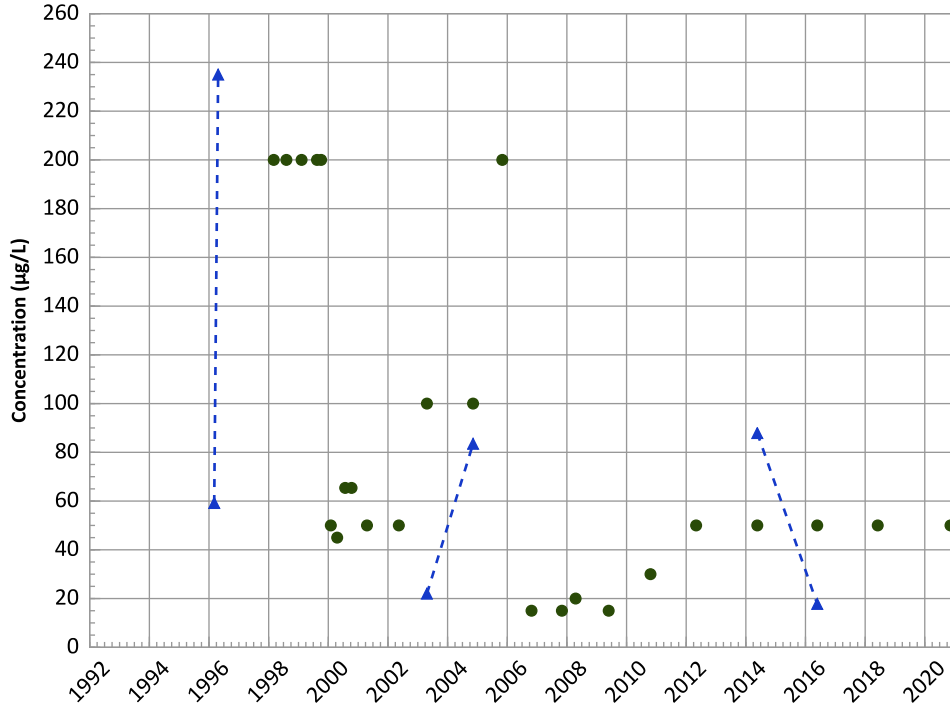
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

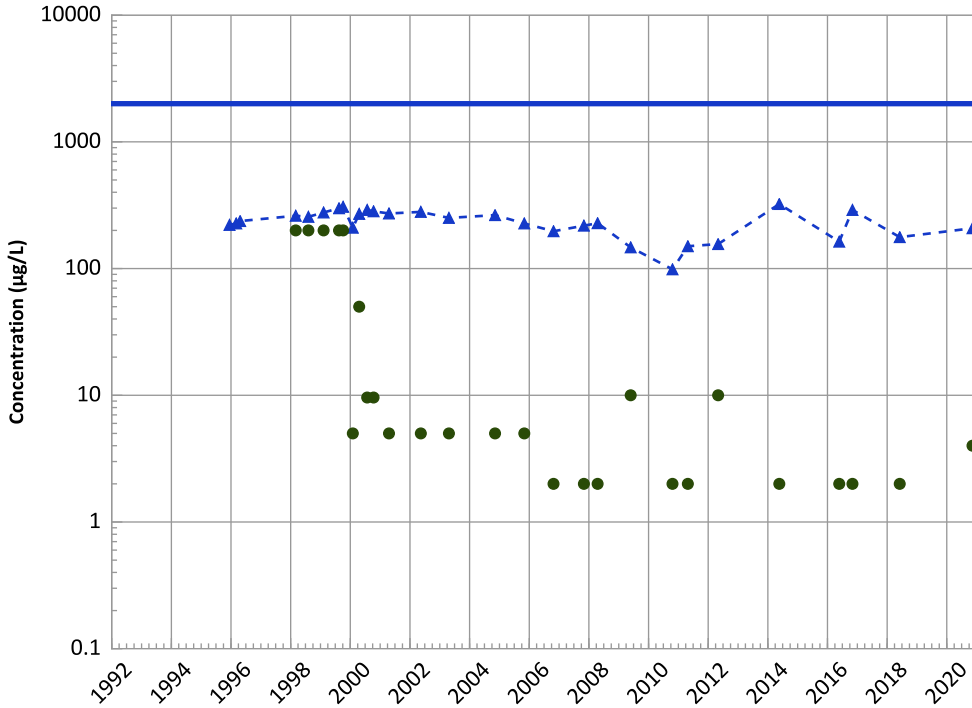


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Decreasing

Barium Trend



Concentration Trend

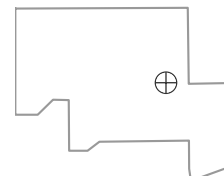
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

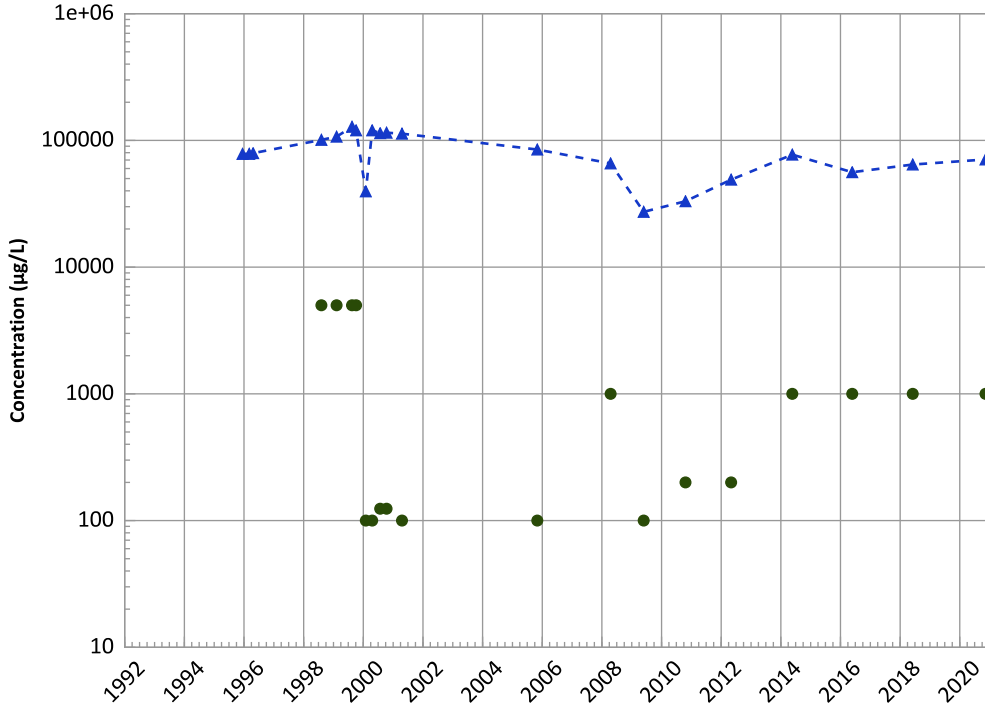
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

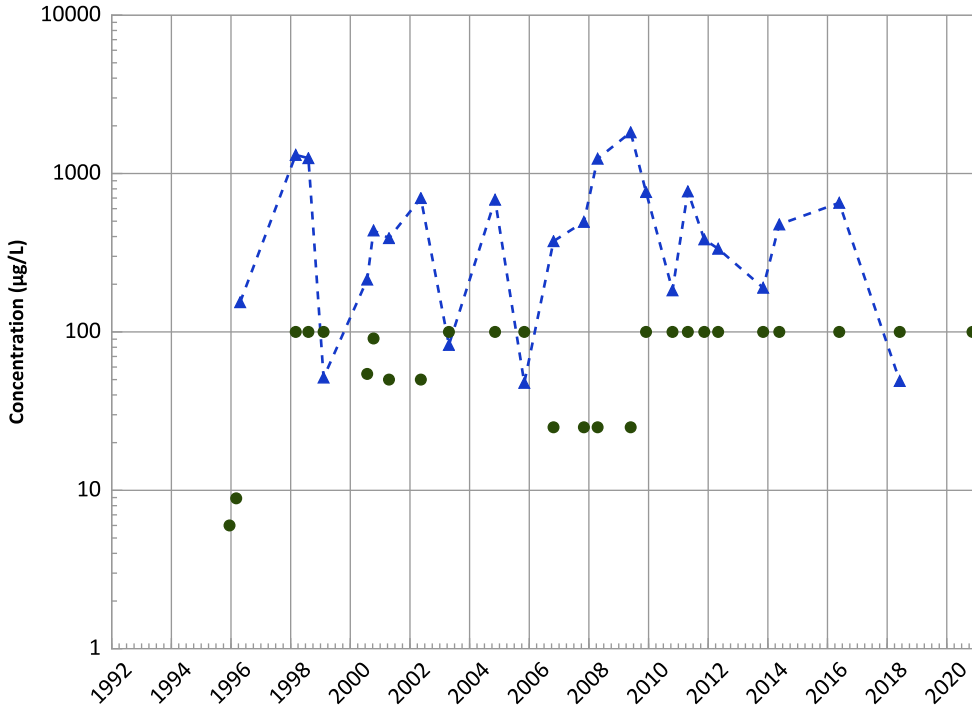
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

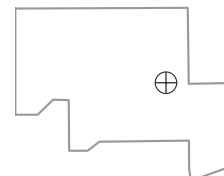
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

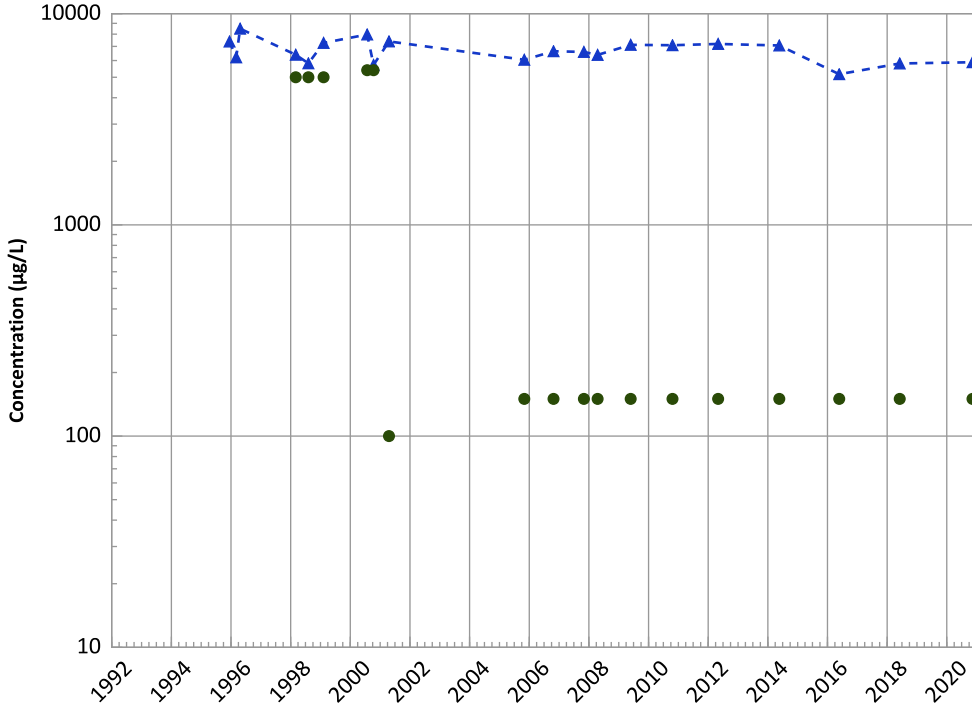
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

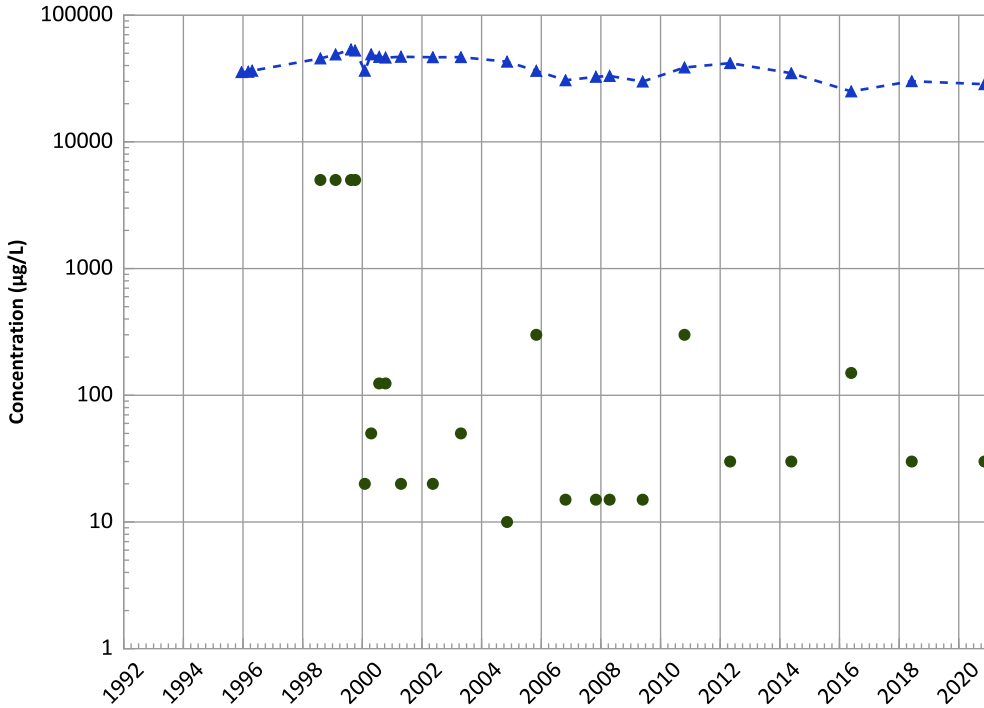
2018 - 2020 Data:

Stable

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

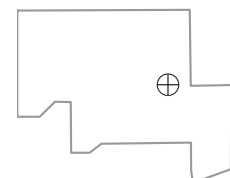
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

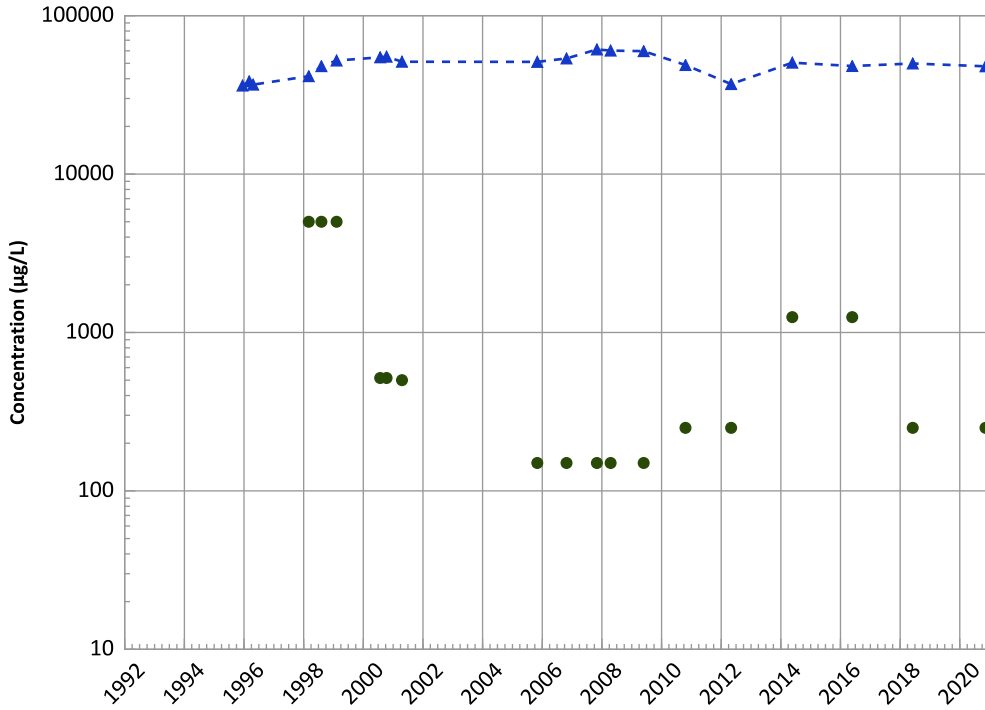
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

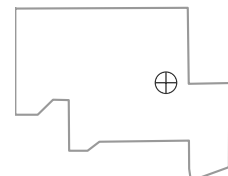
All Data:

Probably Increasing

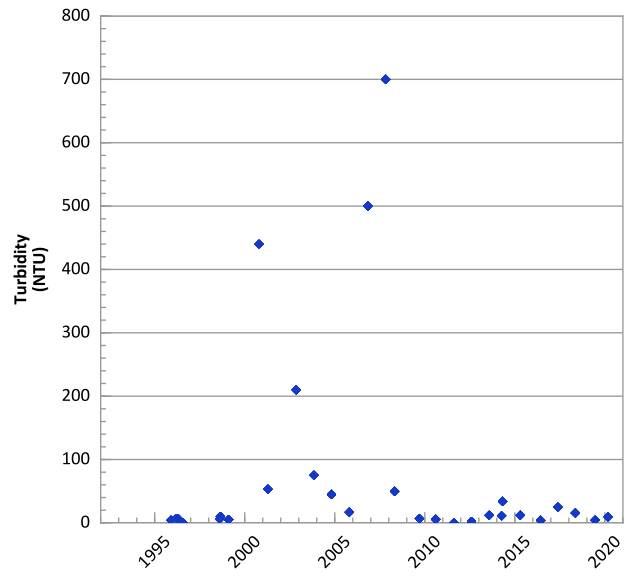
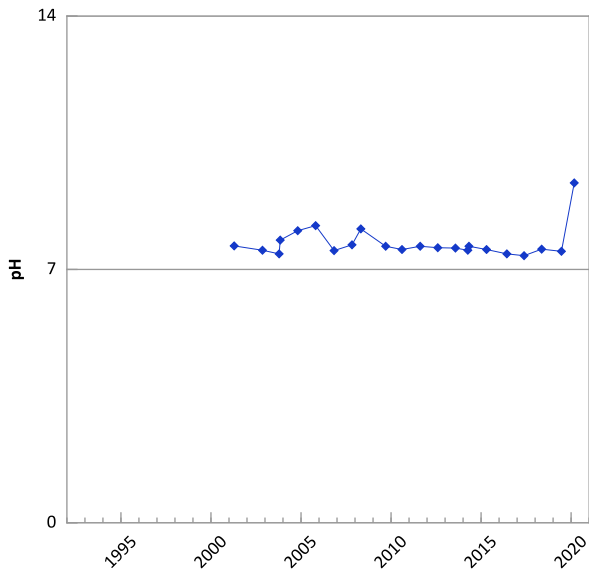
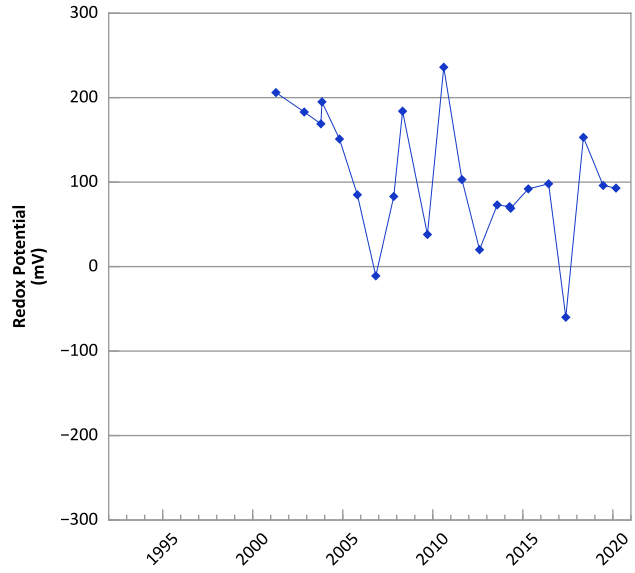
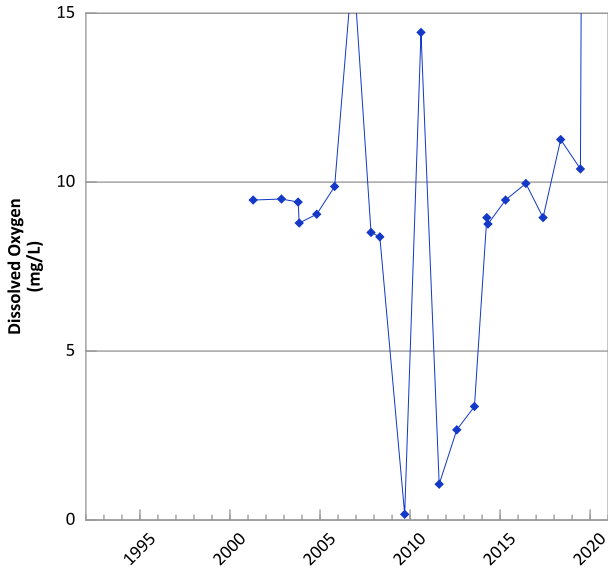
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/14/1995 to 11/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

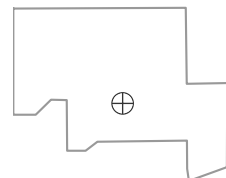


**PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



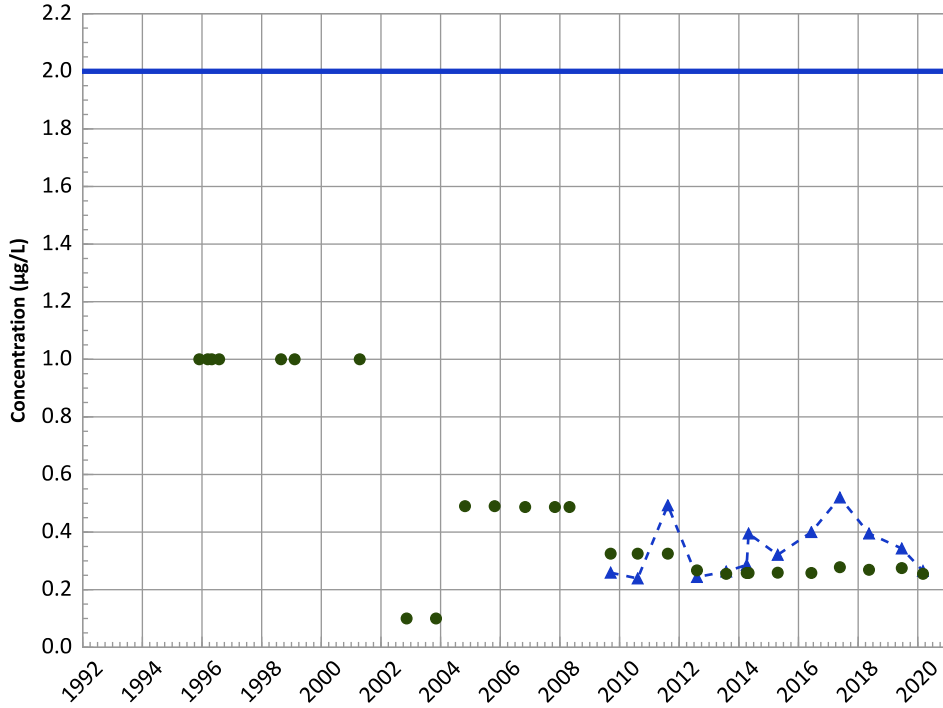
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/29/1995 to 03/05/2020
 Analysis Date: 06/03/2021

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

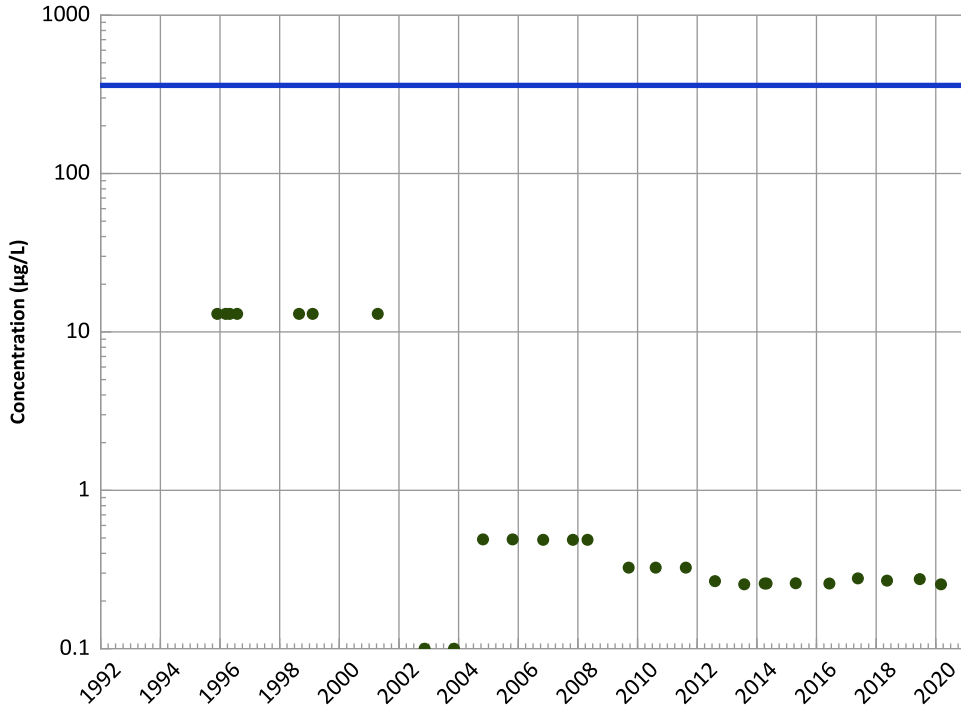
2018 - 2020 Data:

Decreasing

All Data:

No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

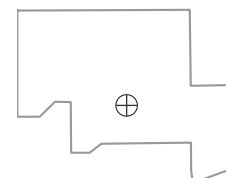
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

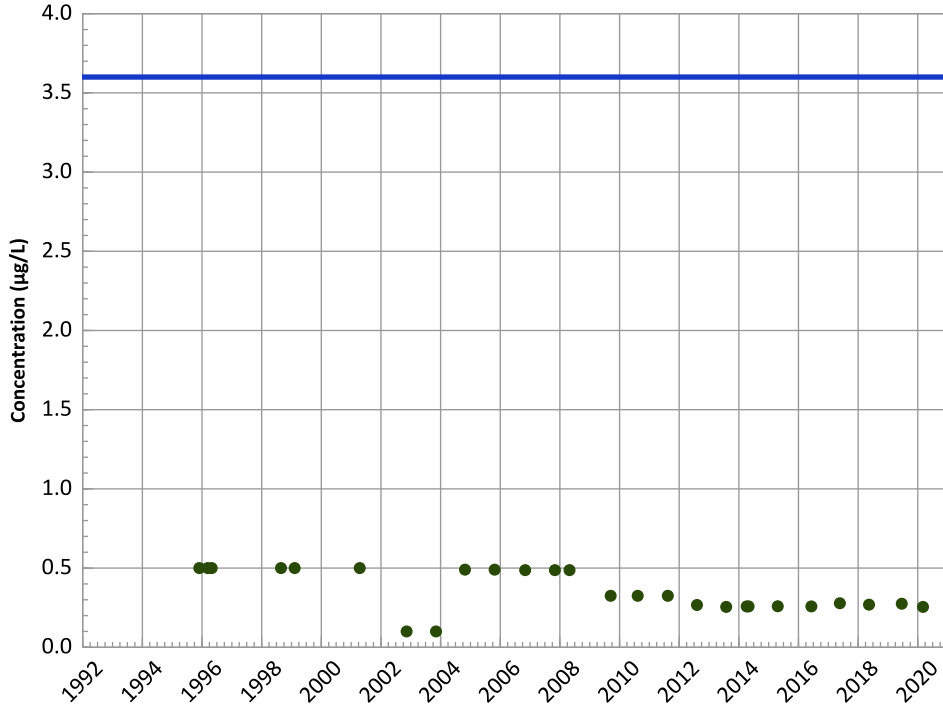
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

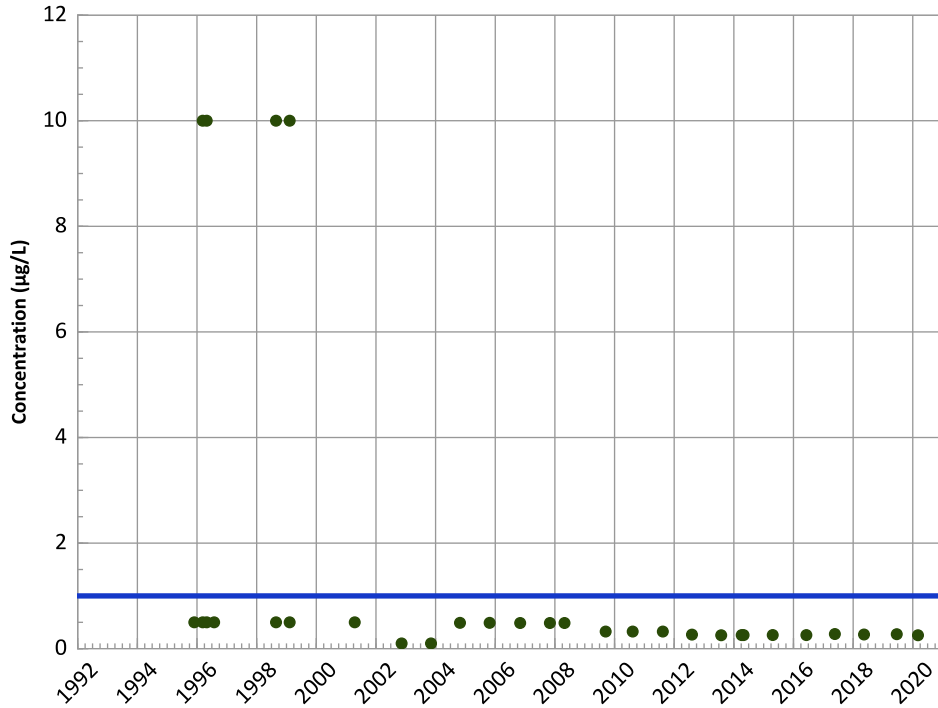
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

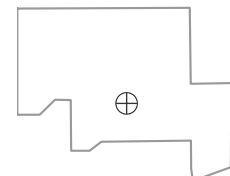
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

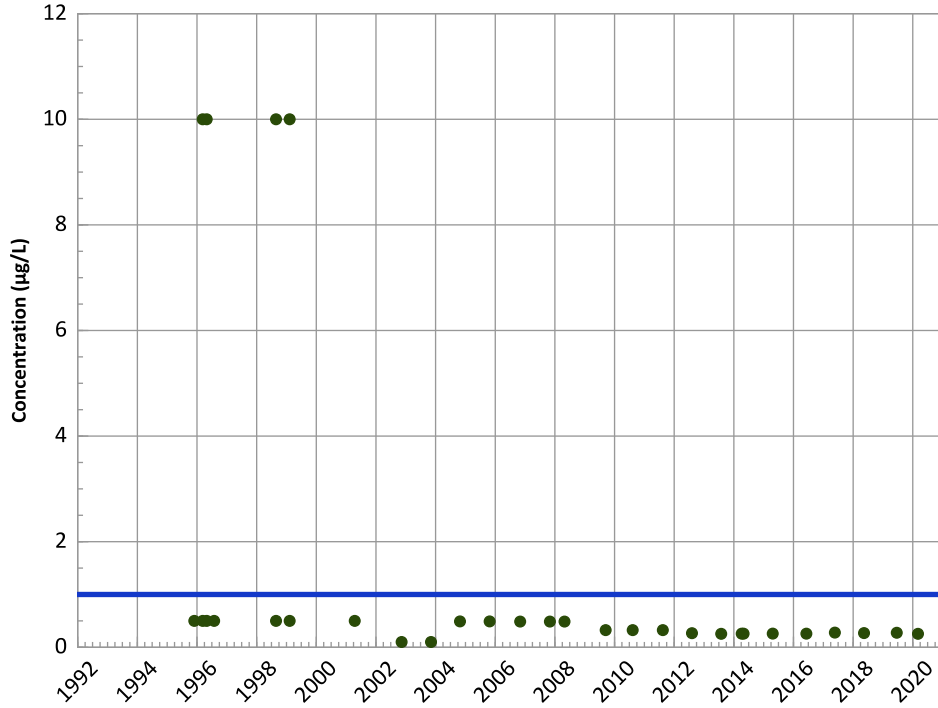
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

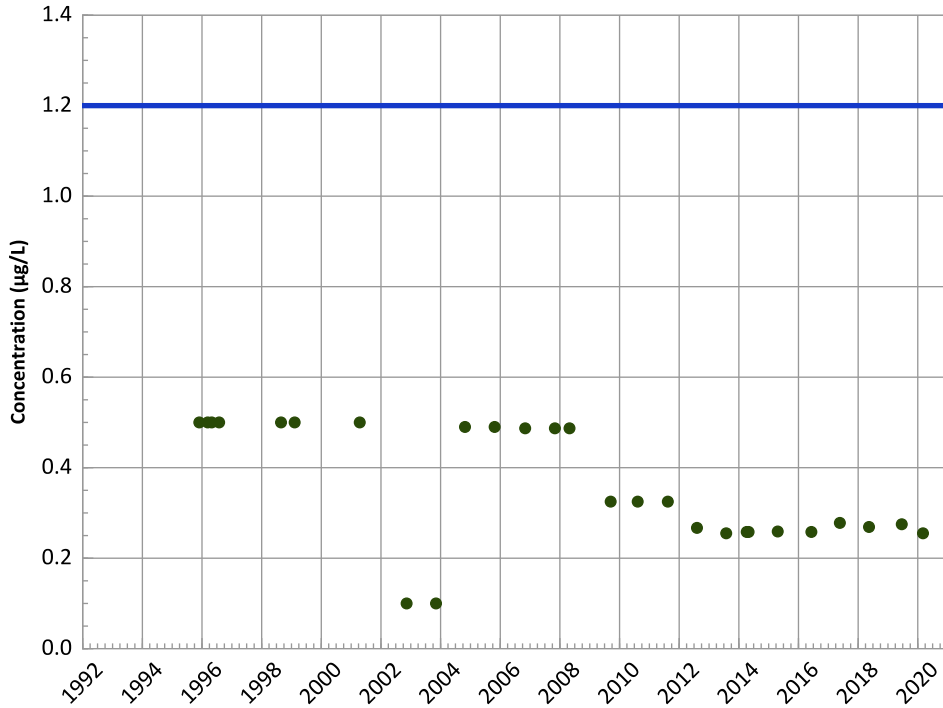
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

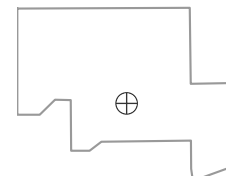
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

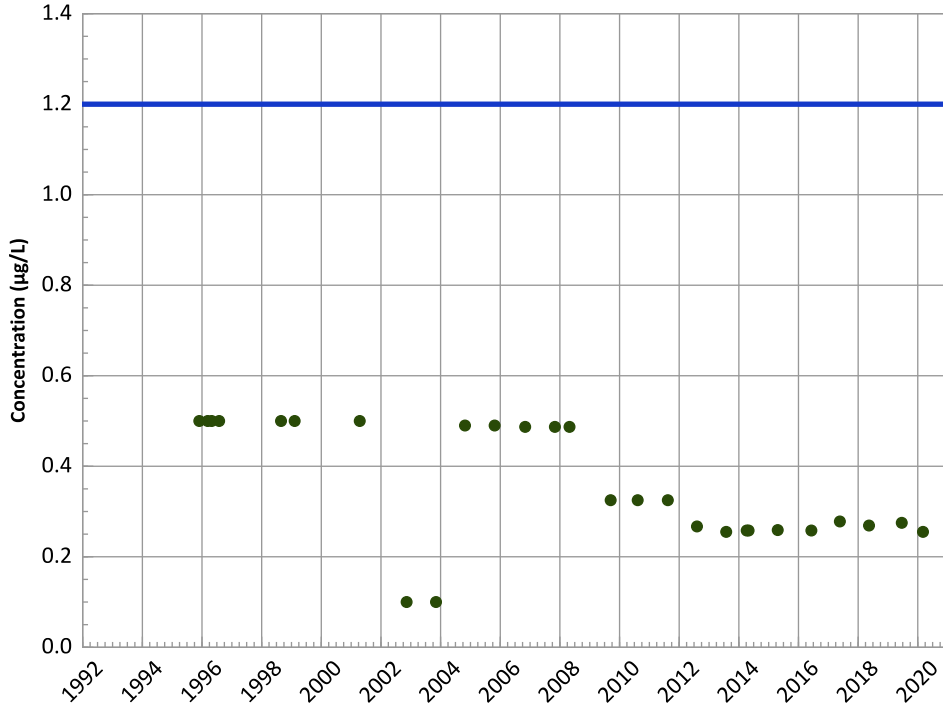
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

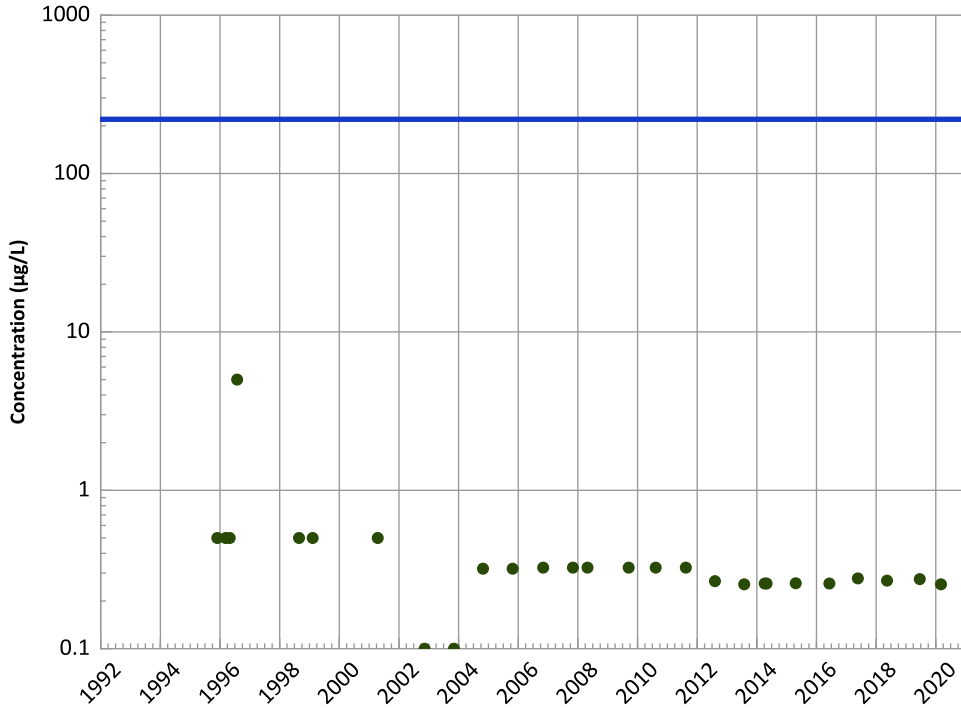
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

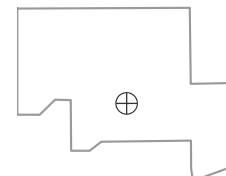
All Data:

All Non-Detect

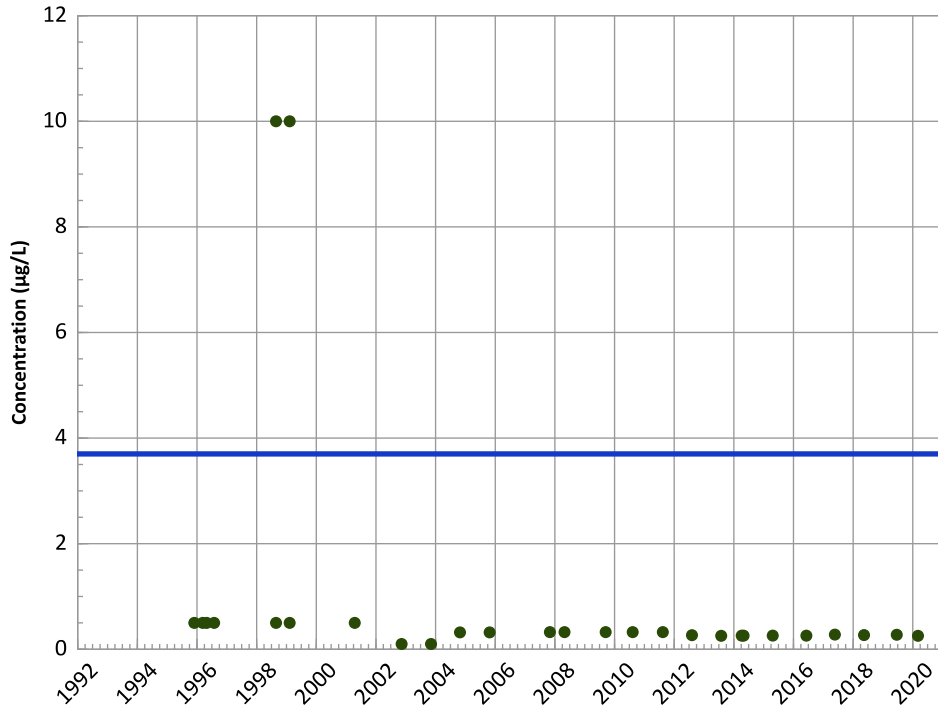
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

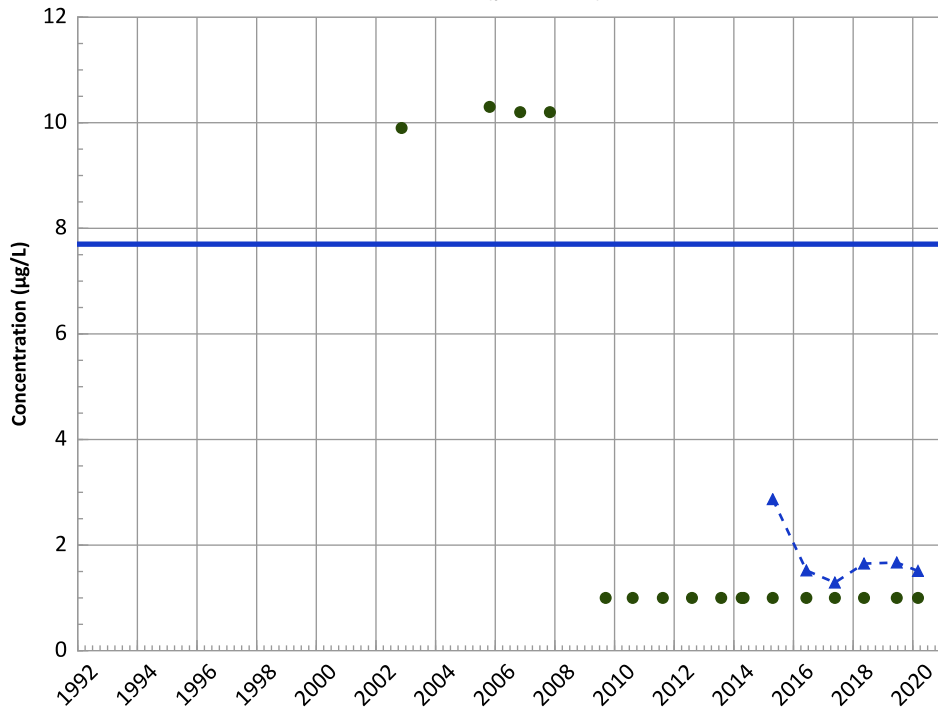
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

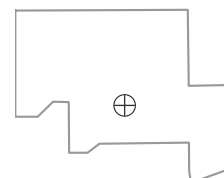
All Data:

No Trend

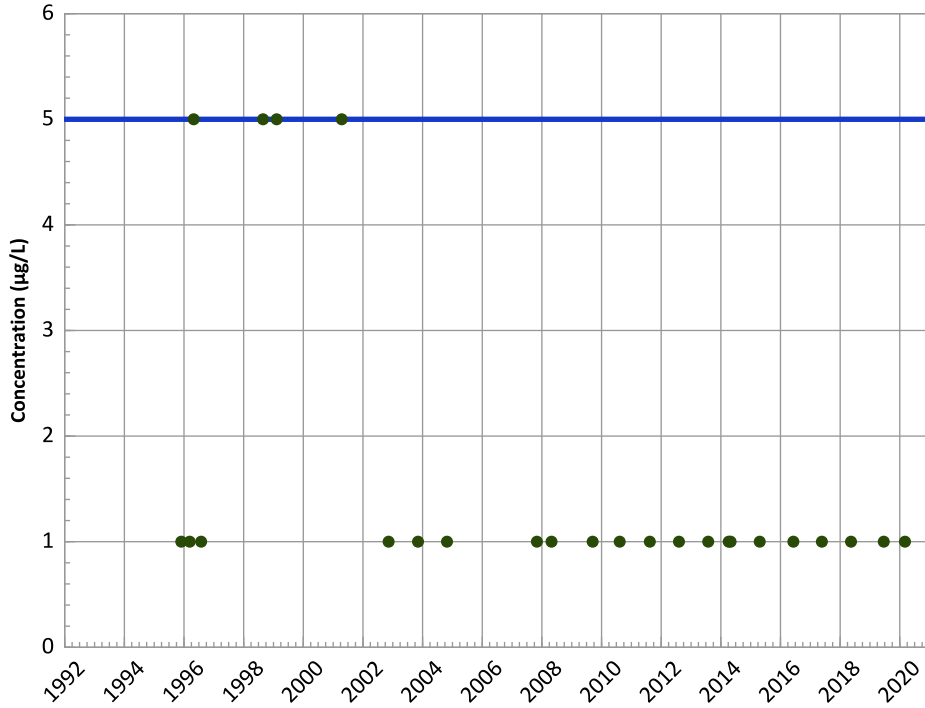
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

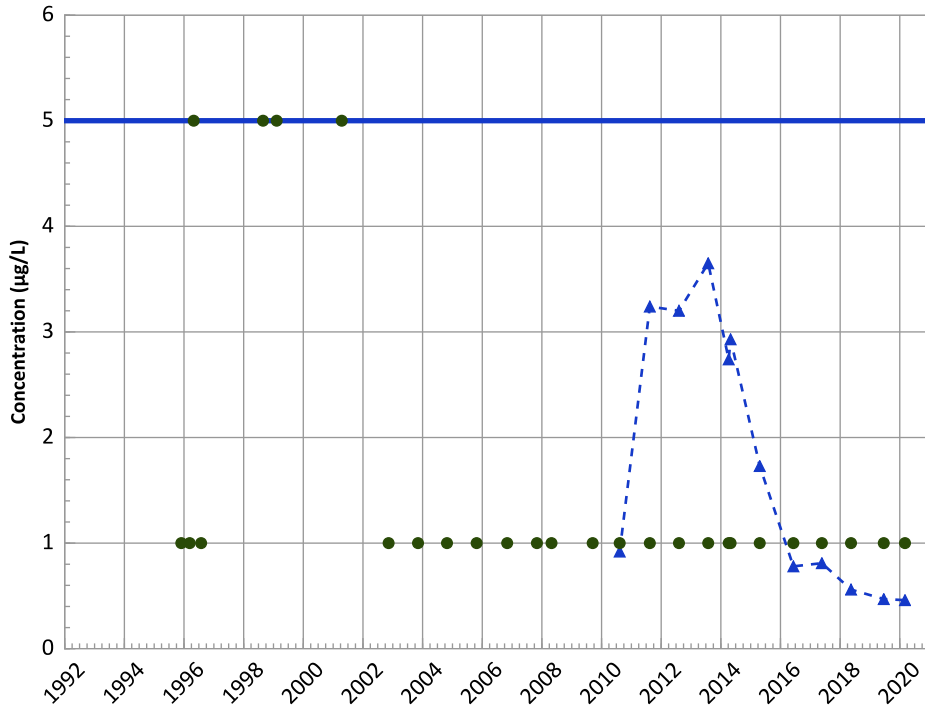
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

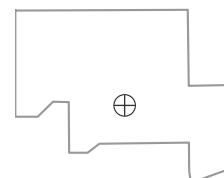
All Data:

Decreasing

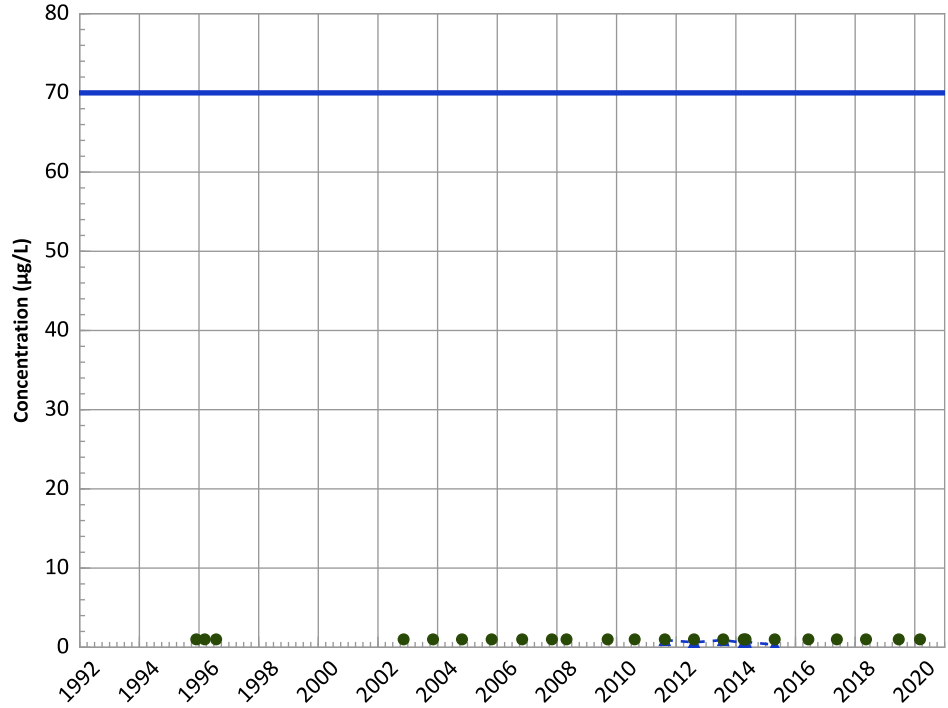
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
No Trend

All Data:
No Trend

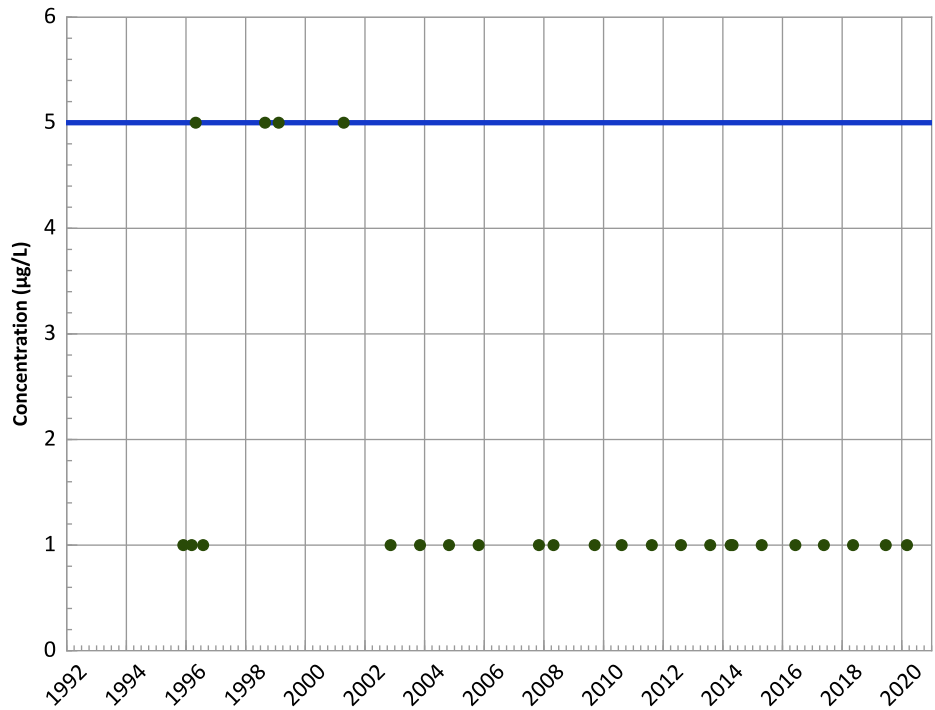
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

All Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

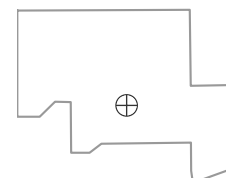
All Data:
All Non-Detect

All Data:
All Non-Detect

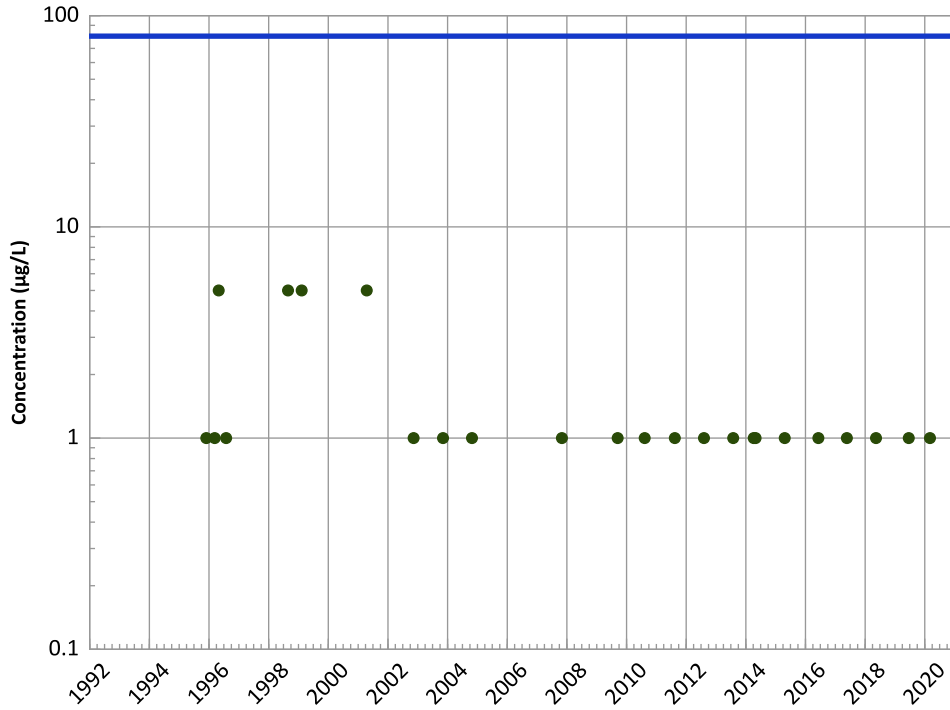
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

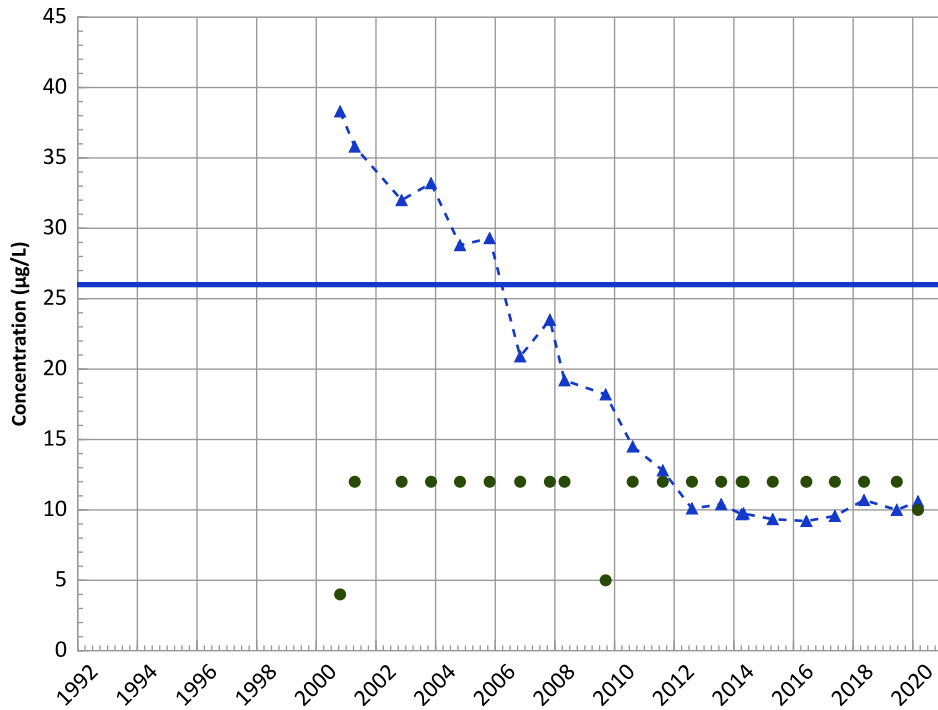
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

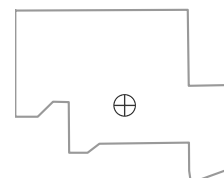
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

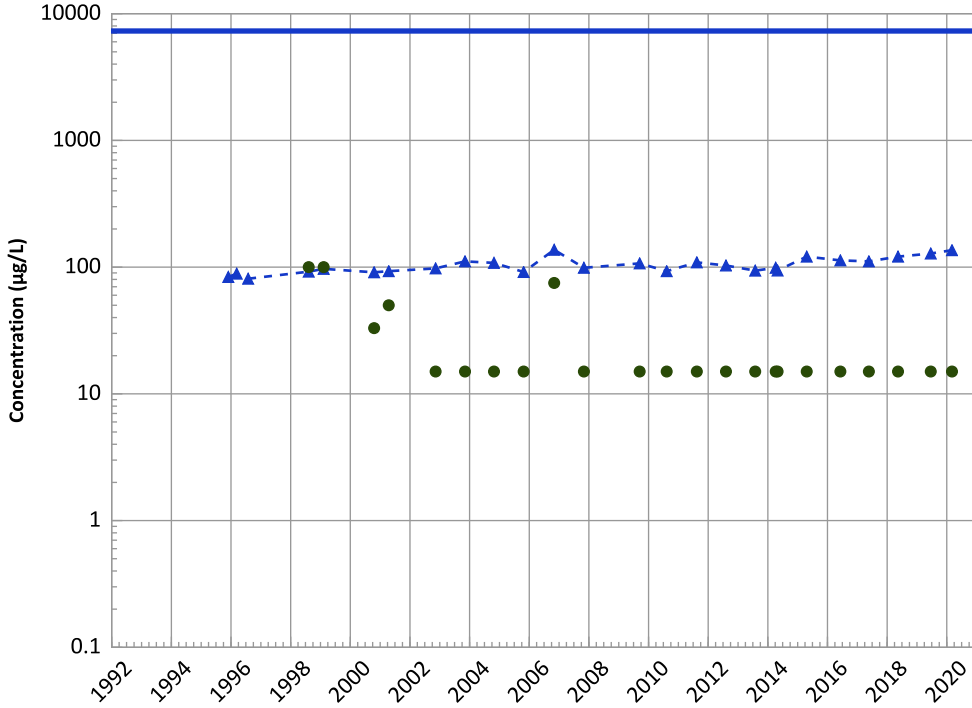
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

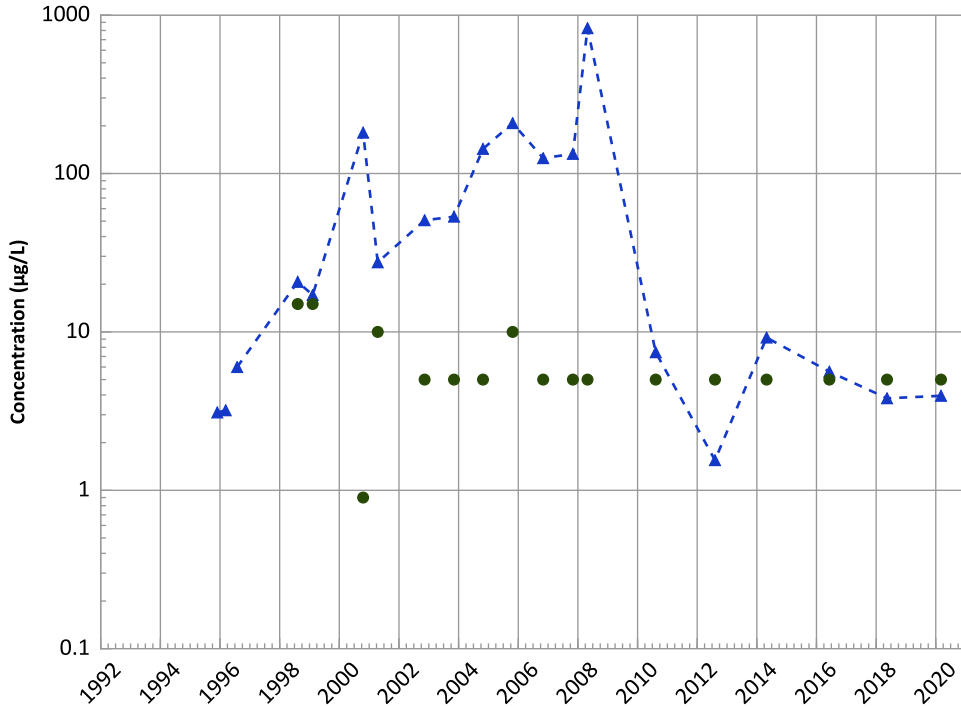
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

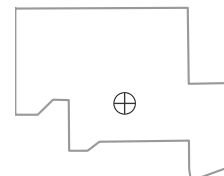
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

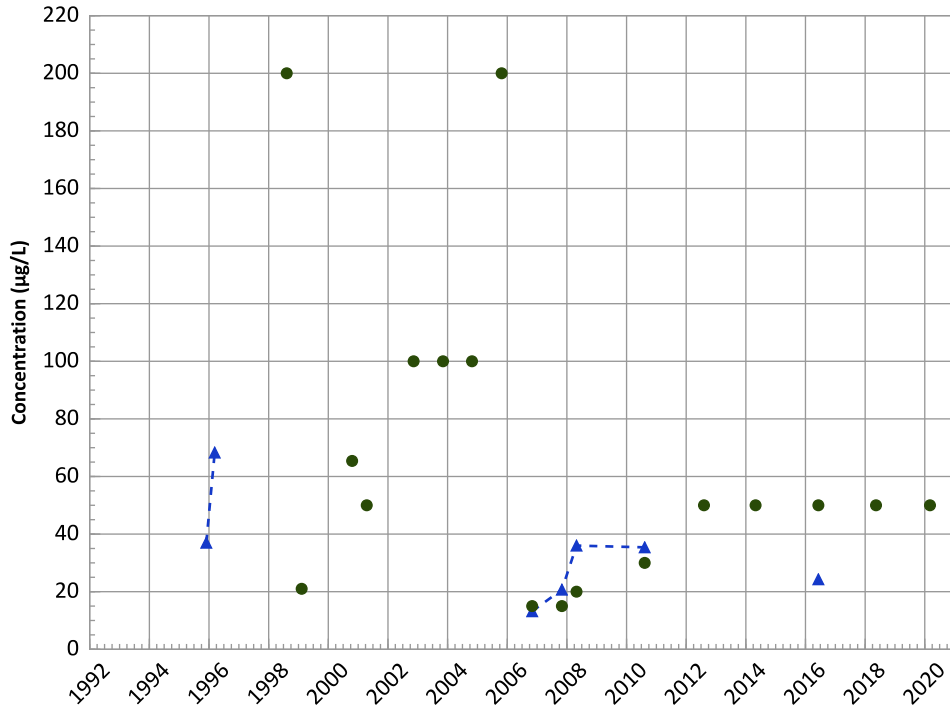
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

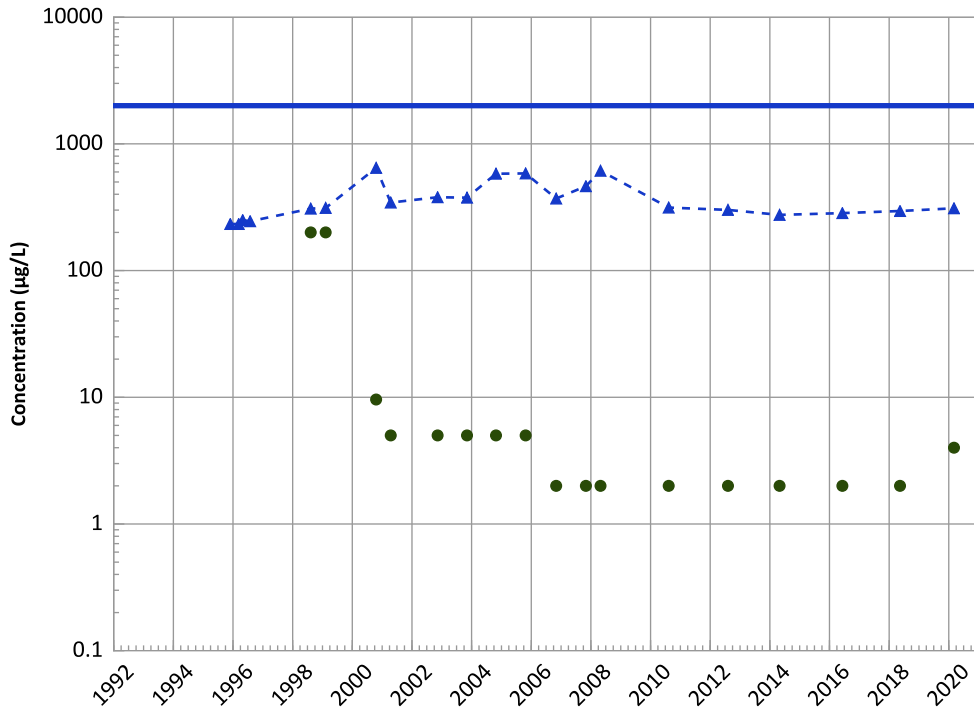


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Barium Trend



Concentration Trend

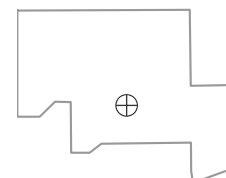
MAROS Mann-Kendall Method
2018 - 2020 Data:
Increasing
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

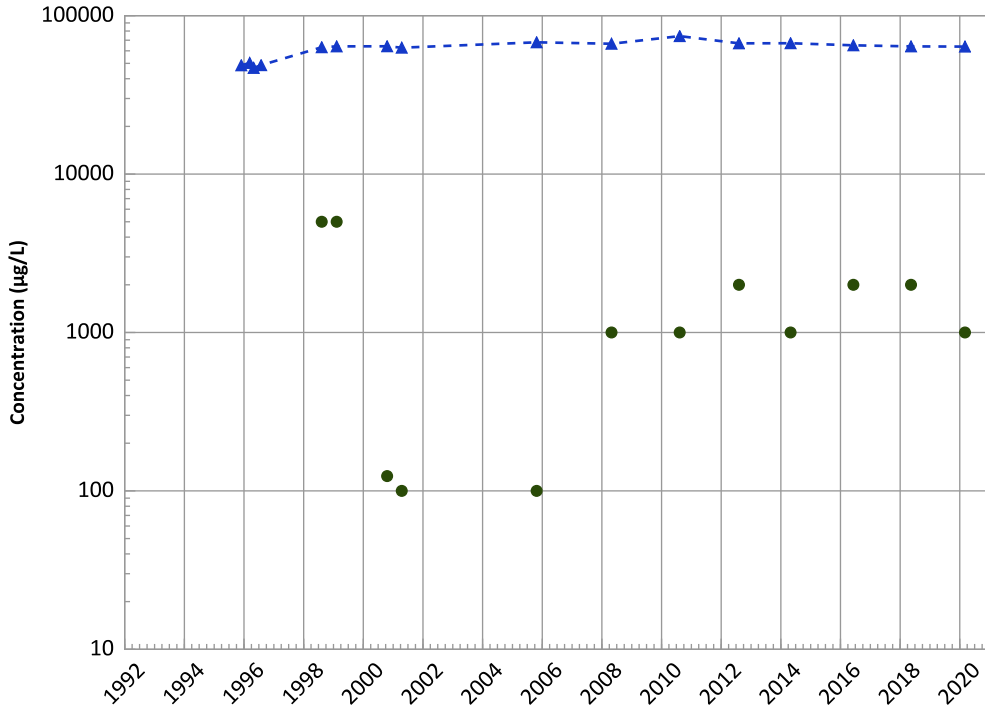
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

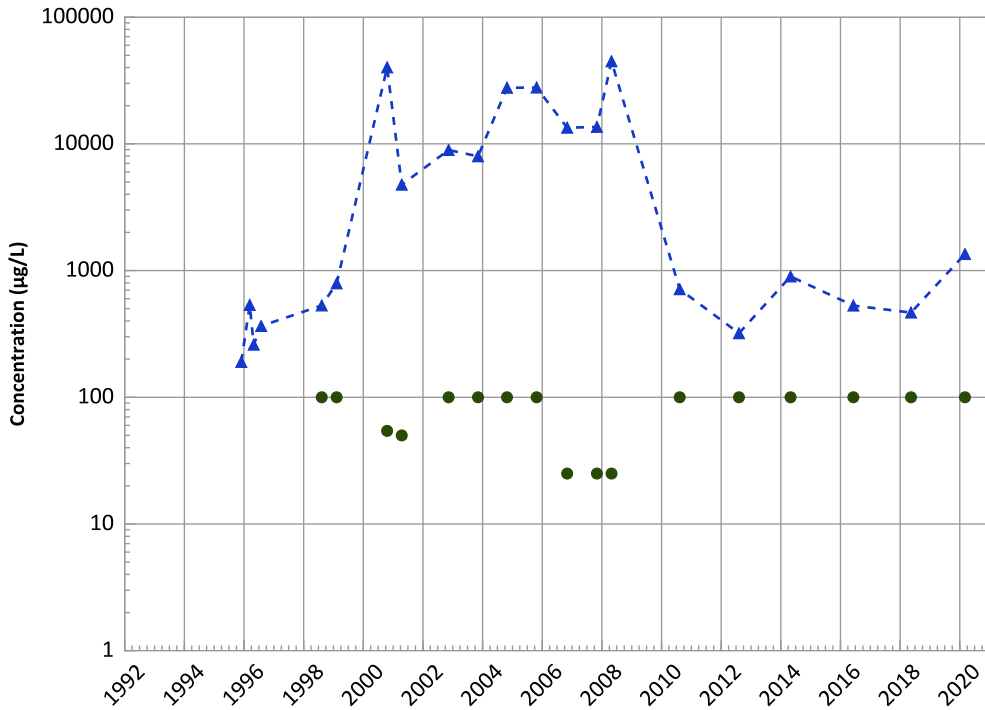
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

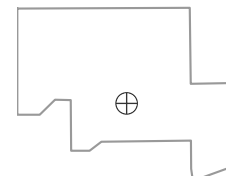
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

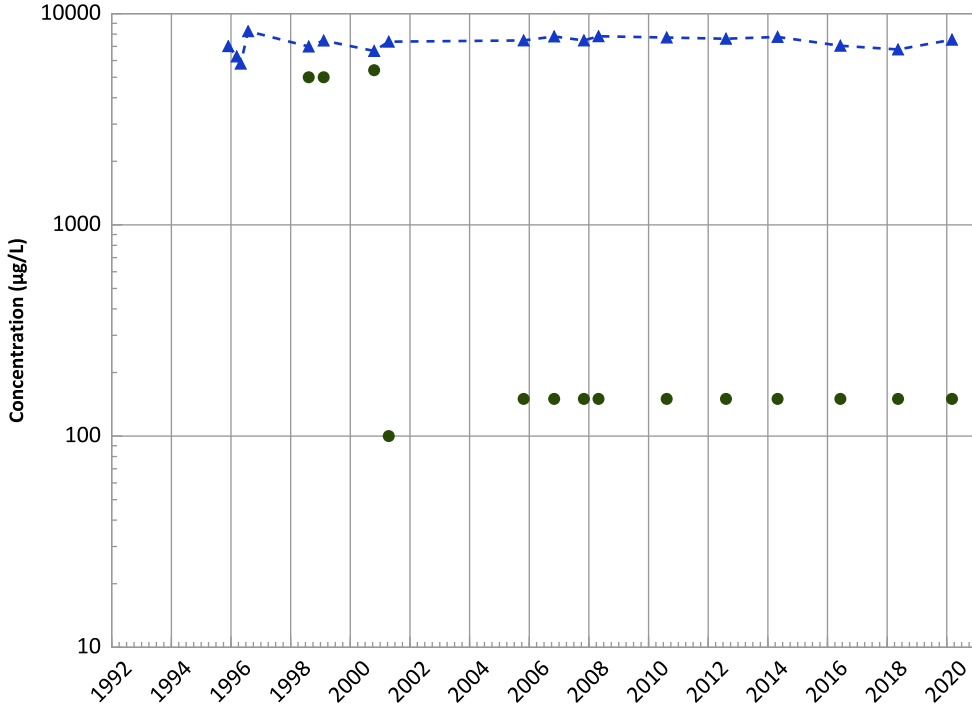
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

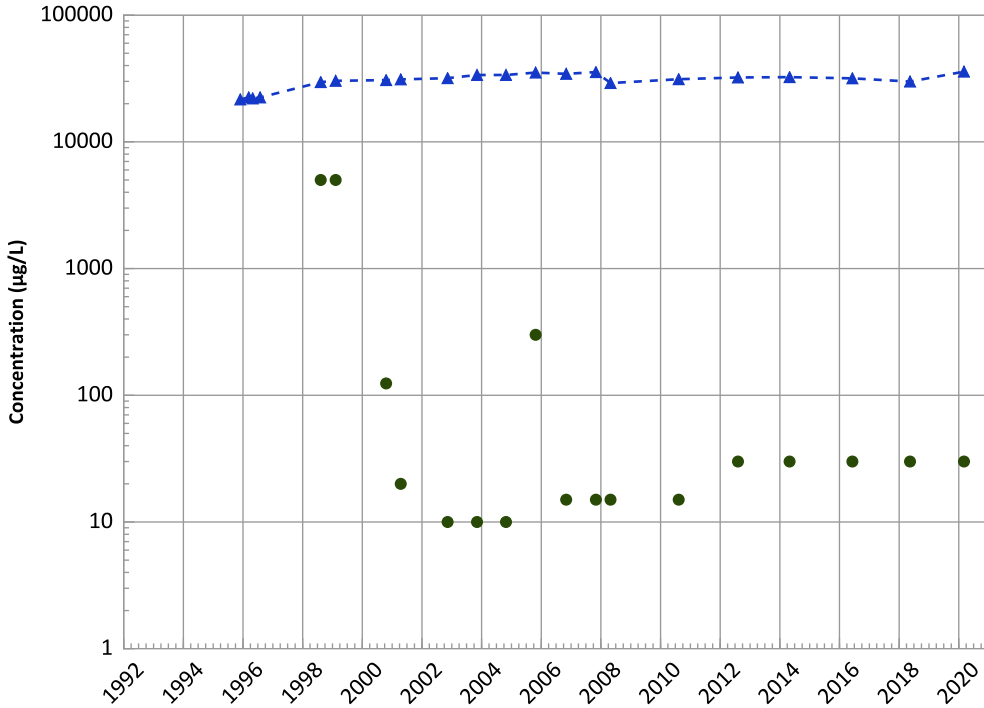
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Stable
All Data:
Increasing

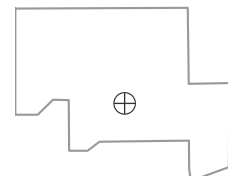
MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Increasing

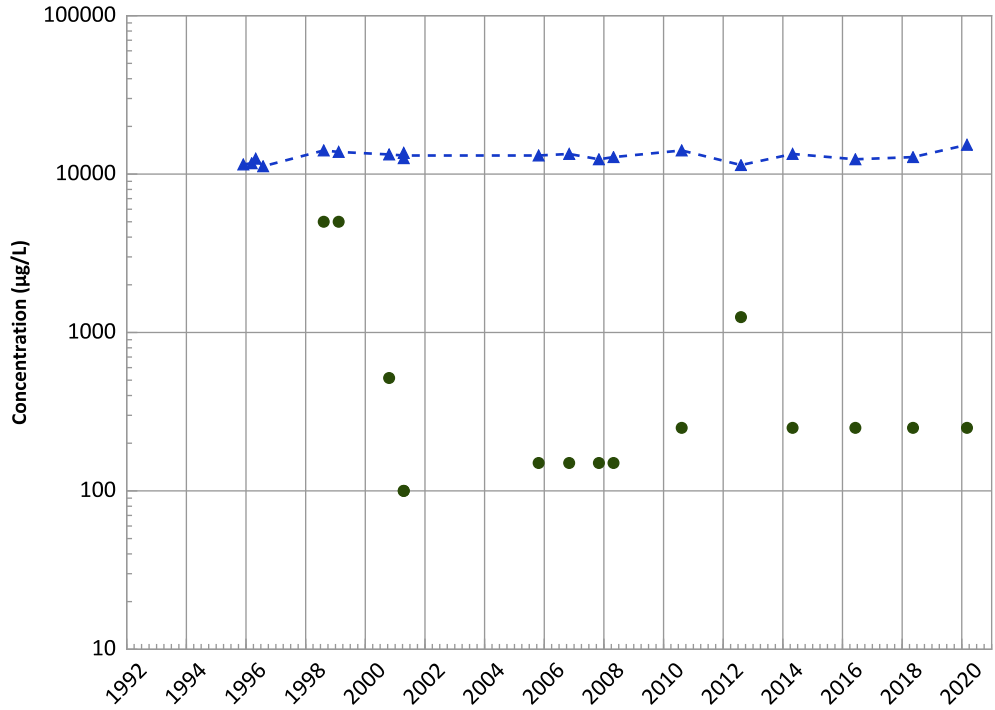
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/05/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

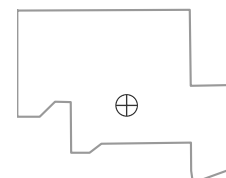
All Data:

Increasing

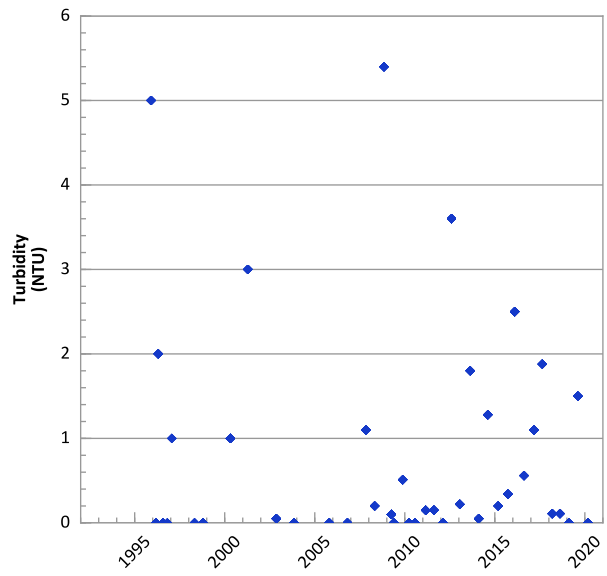
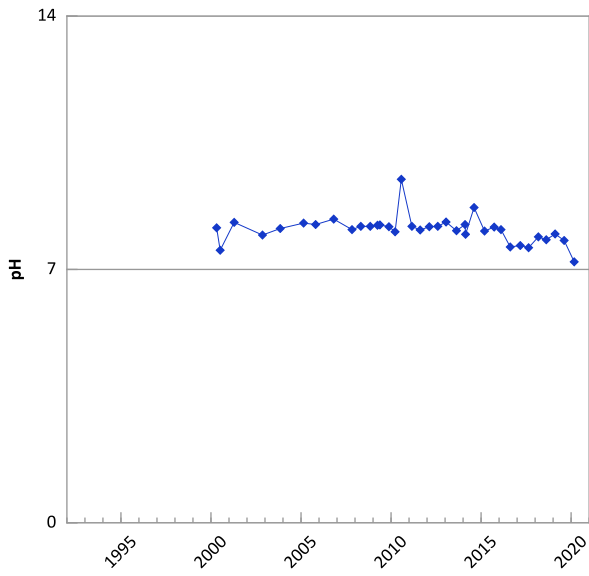
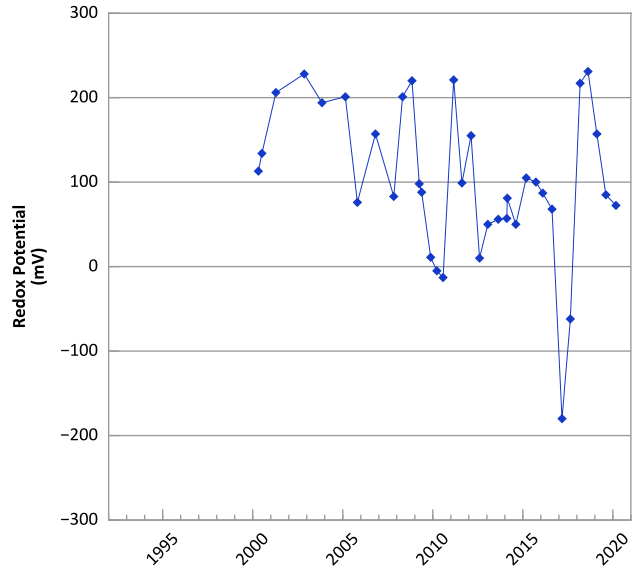
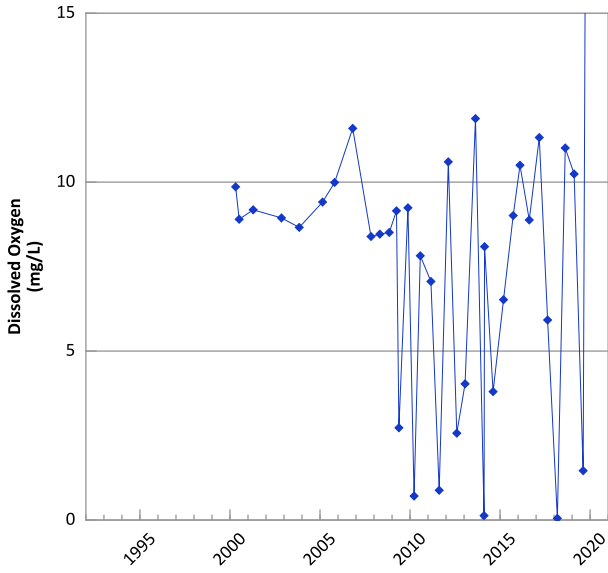
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/29/1995 to 03/05/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

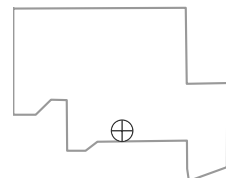


**PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



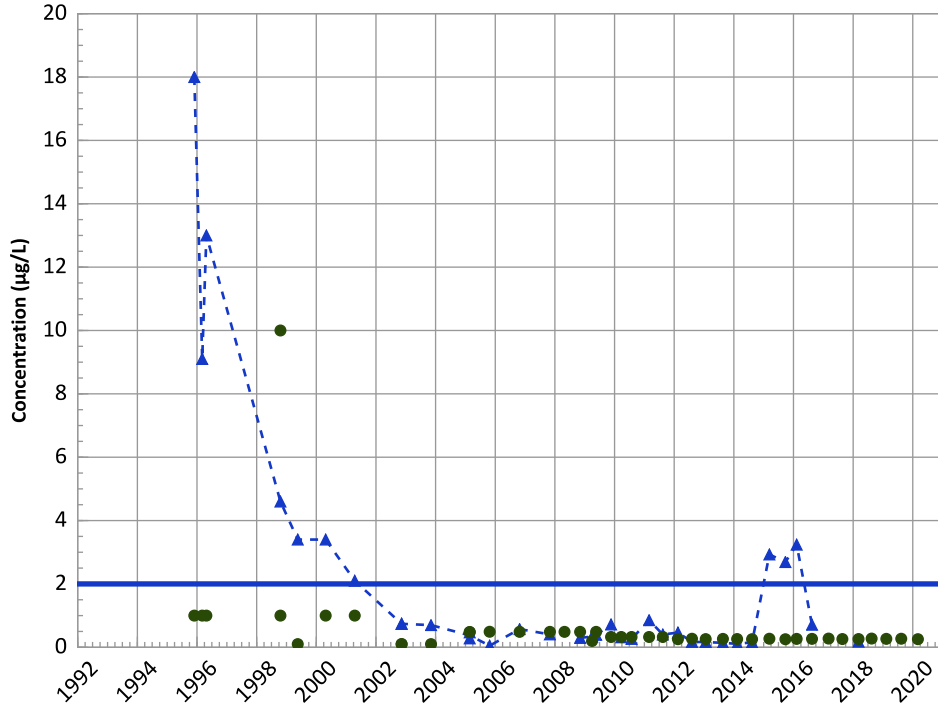
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

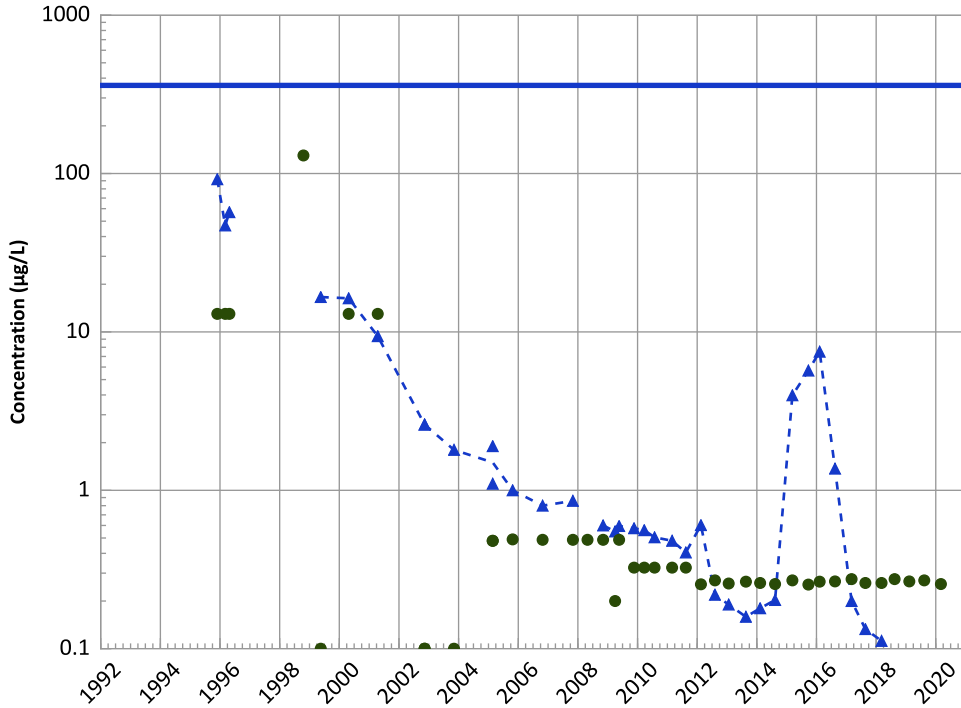
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

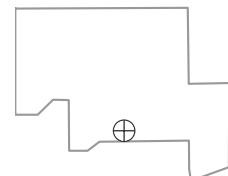
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

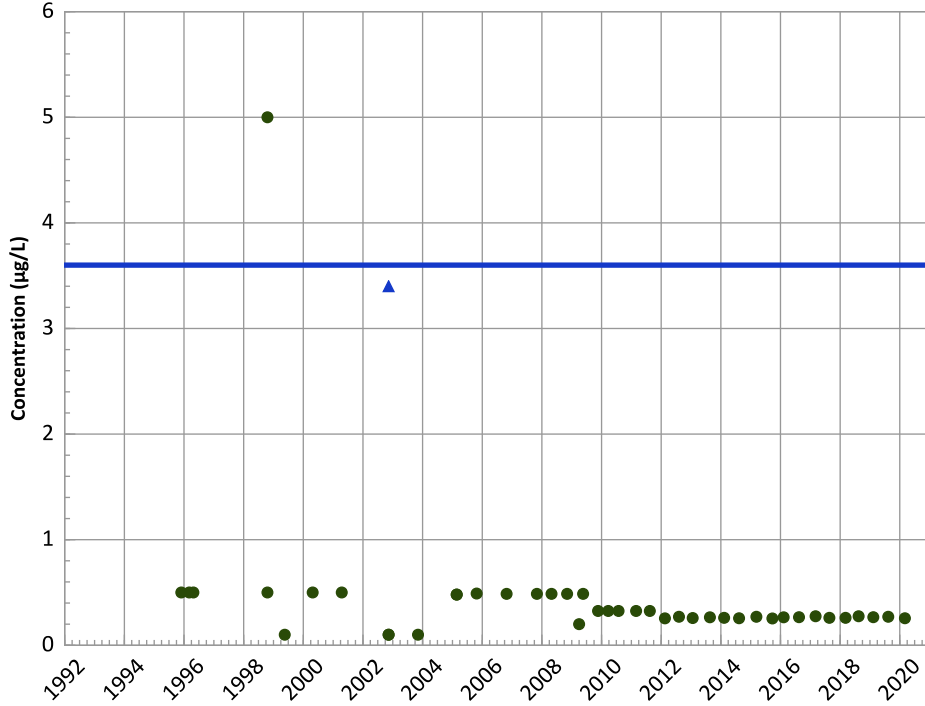
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

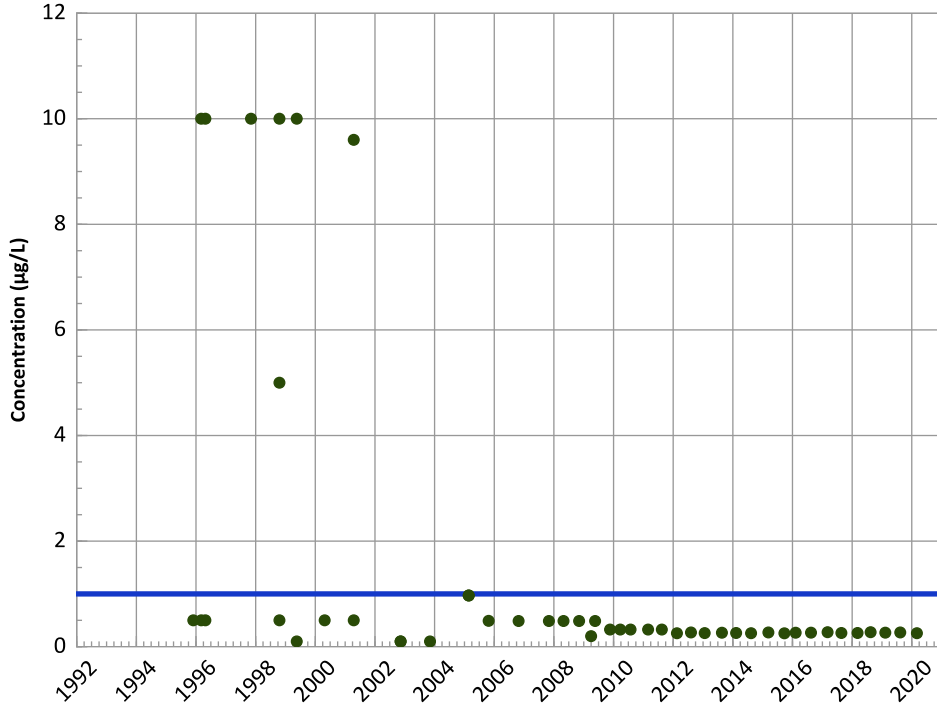
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

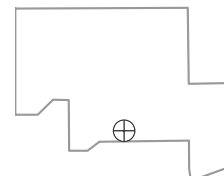
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

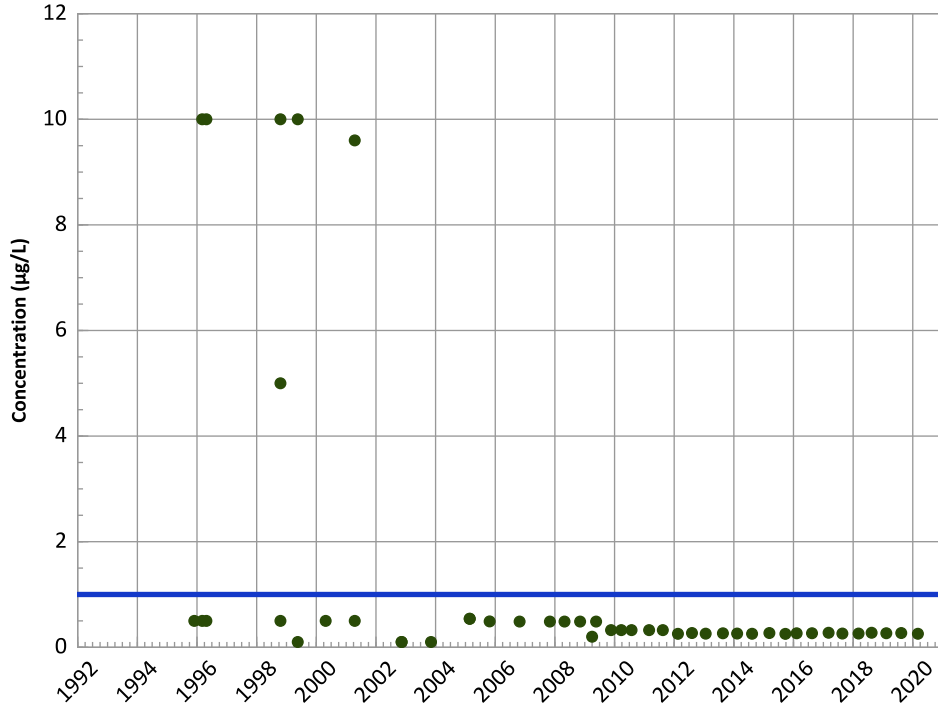
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
All Non-Detect

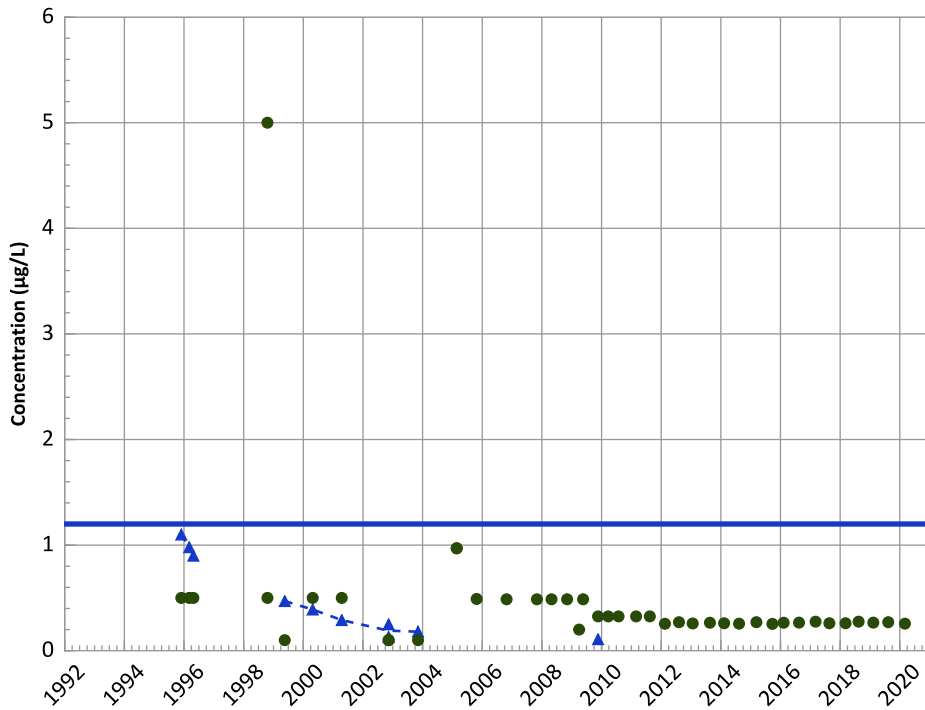
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
Decreasing

MAROS Linear Regression Method

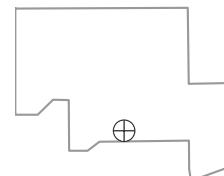
2018 - 2020 Data:
Stable

All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

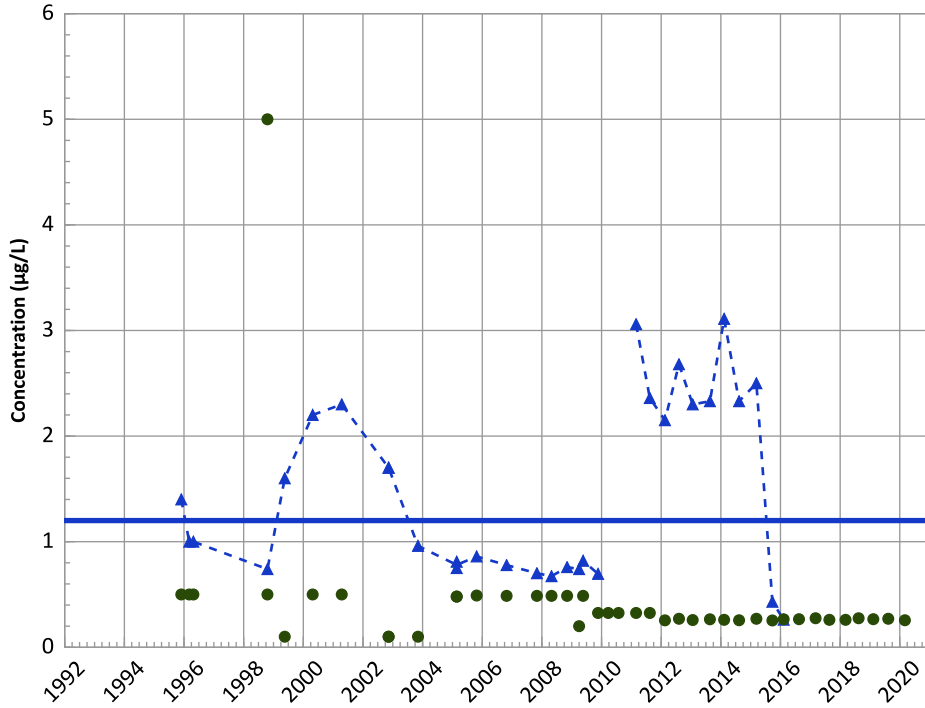
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

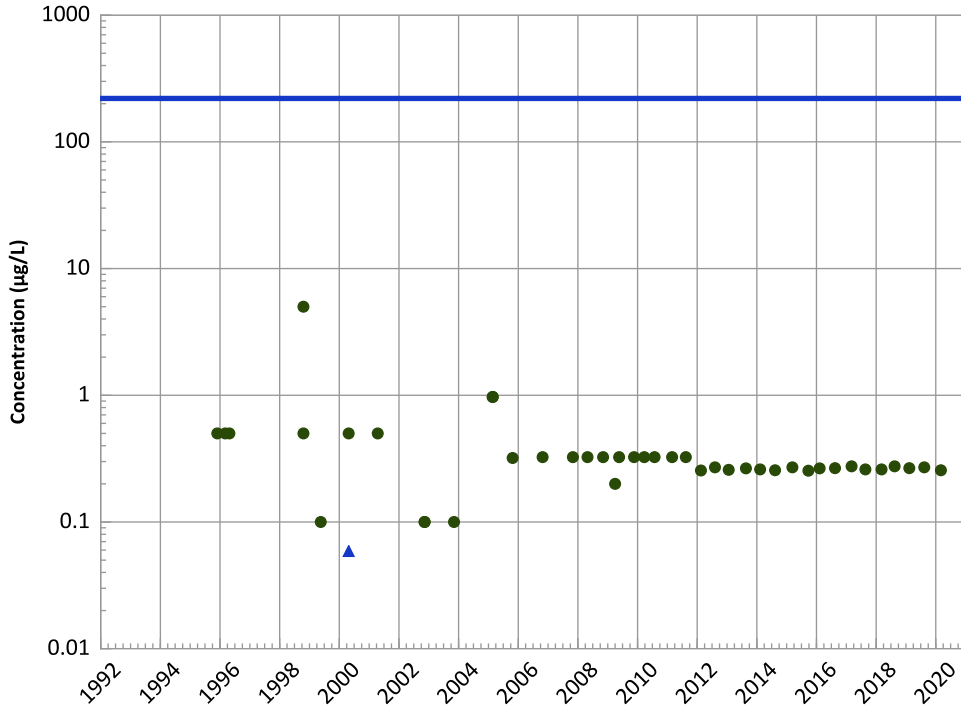
2018 - 2020 Data:

Stable

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

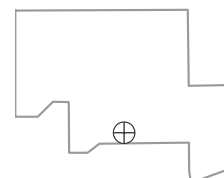
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

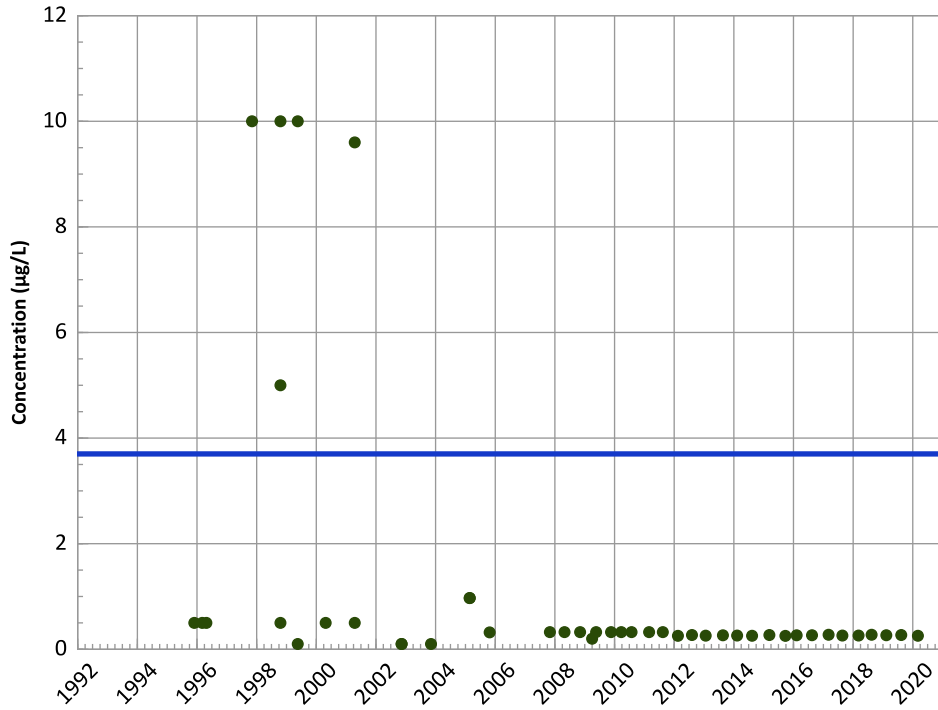
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

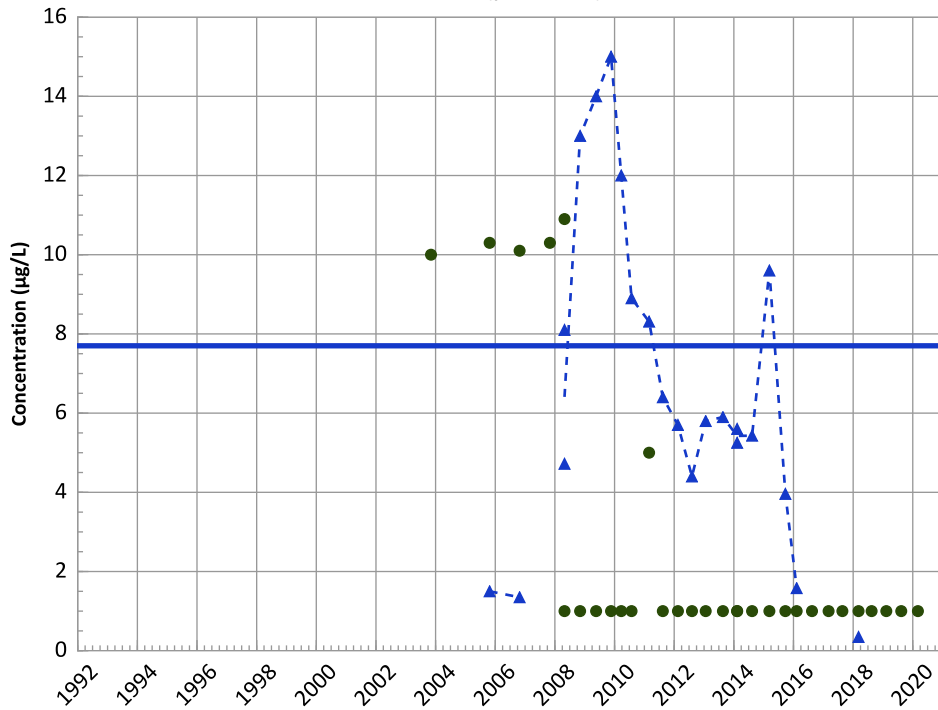
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

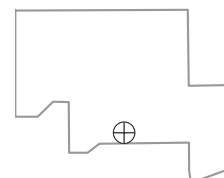
All Data:

Stable

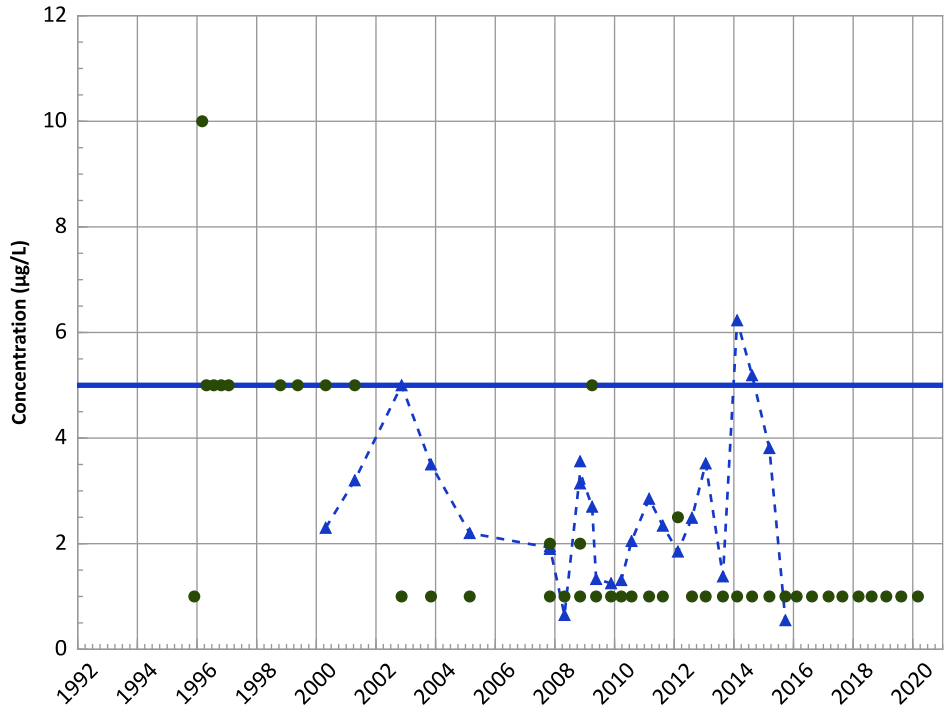
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

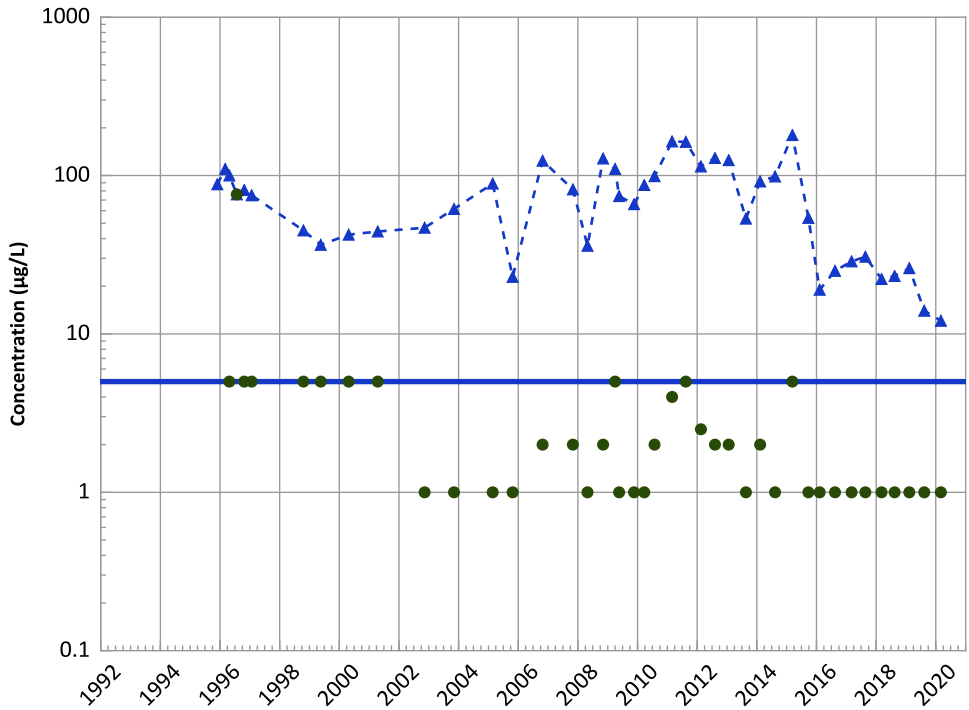
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Stable

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

MAROS Linear Regression Method

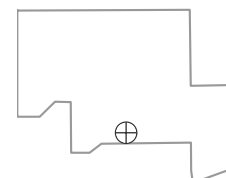
2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

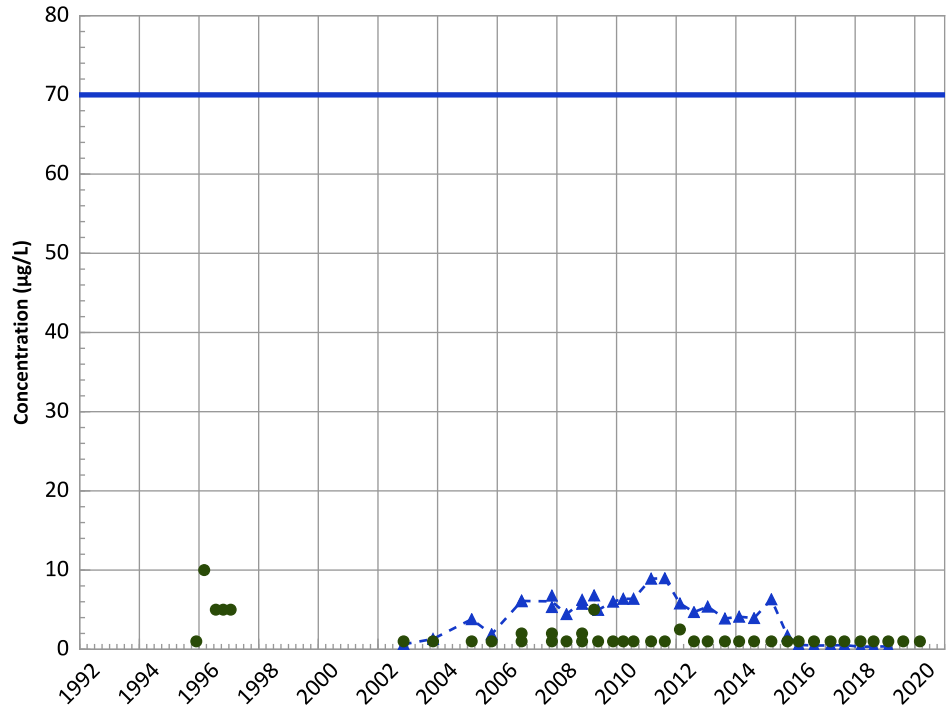
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**

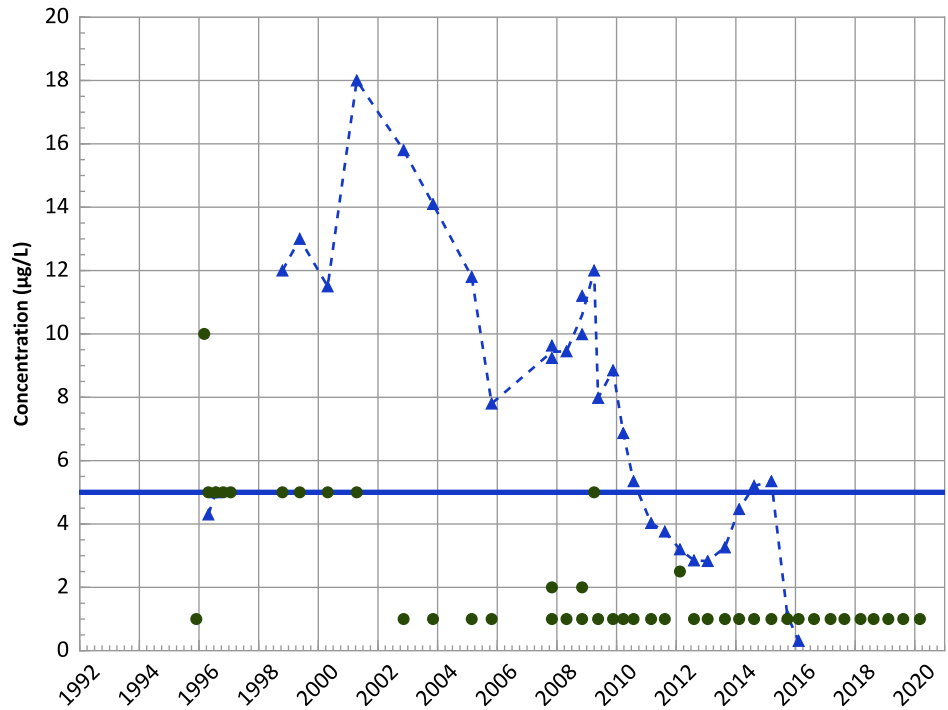


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

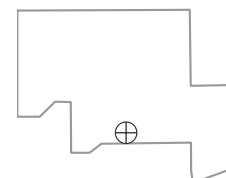
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

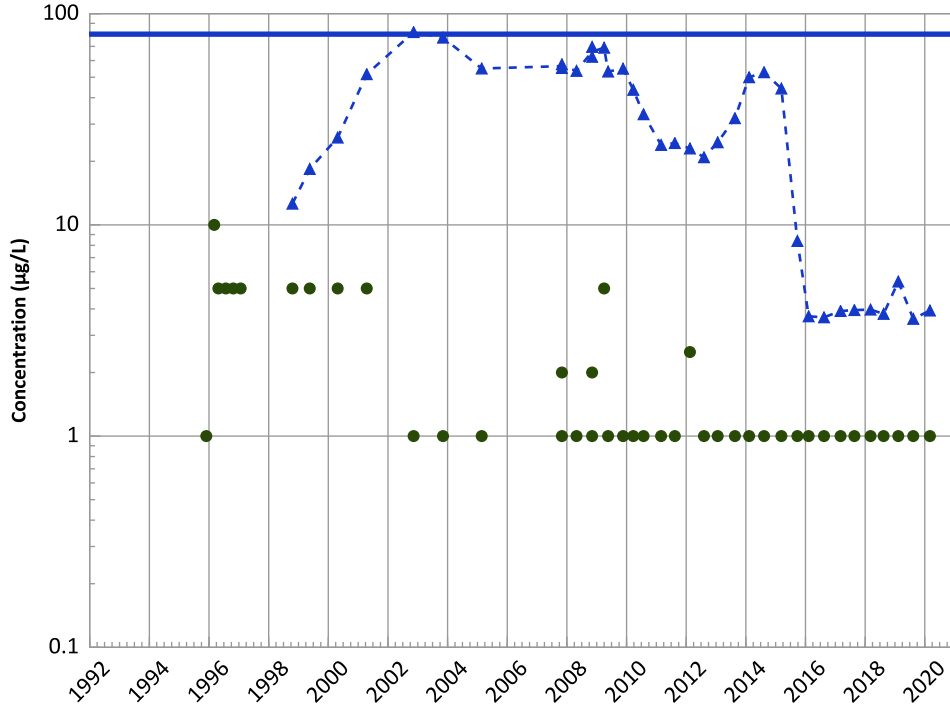
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

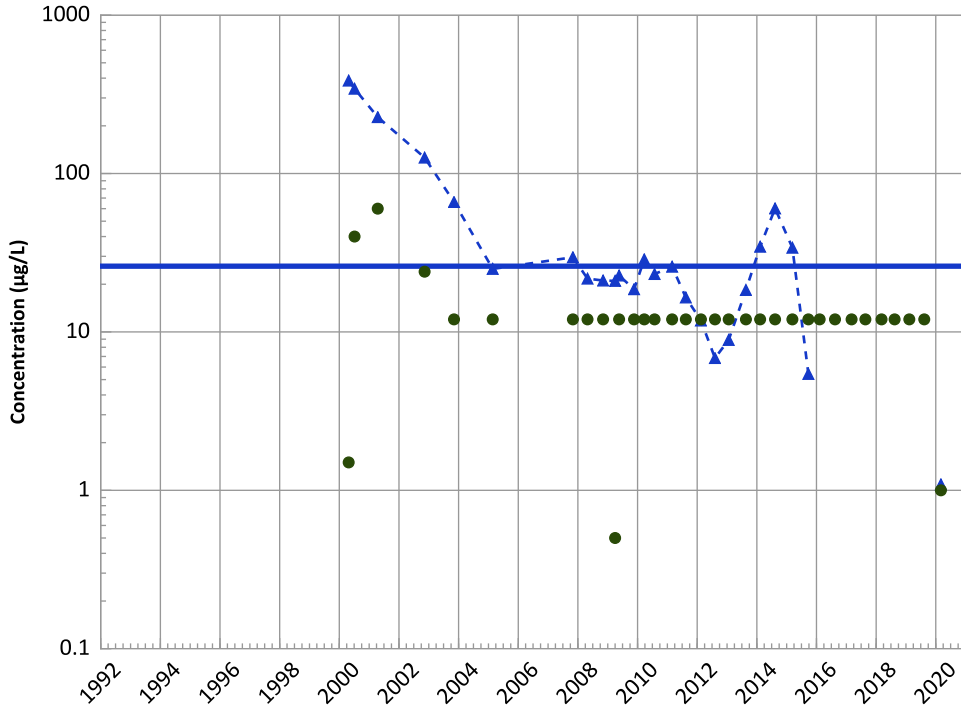
2018 - 2020 Data:

Stable

All Data:

Decreasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

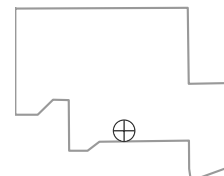
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

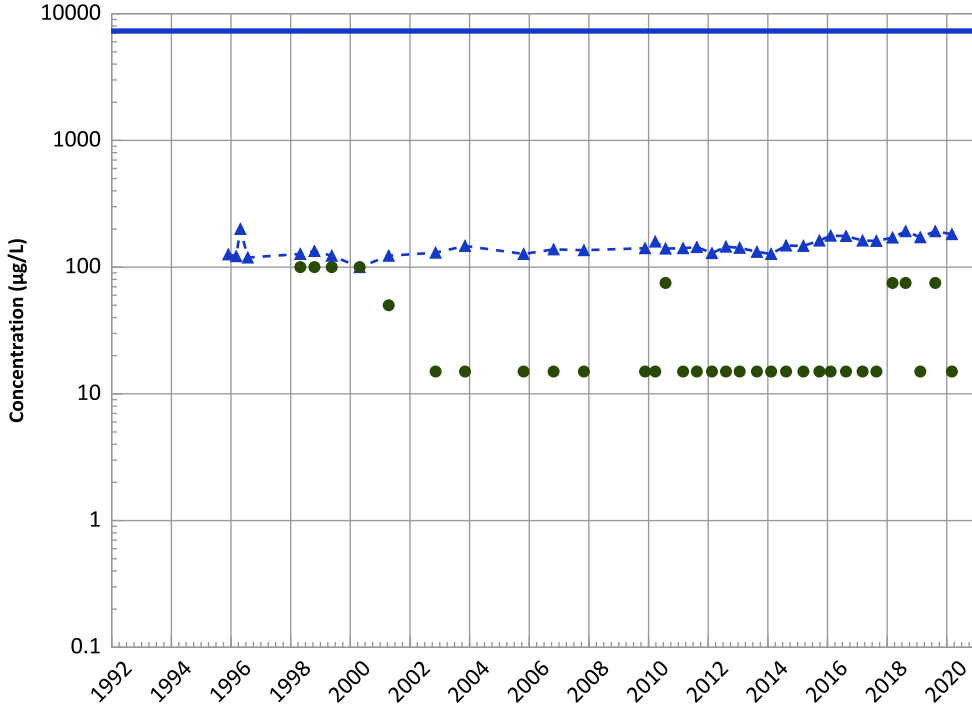
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

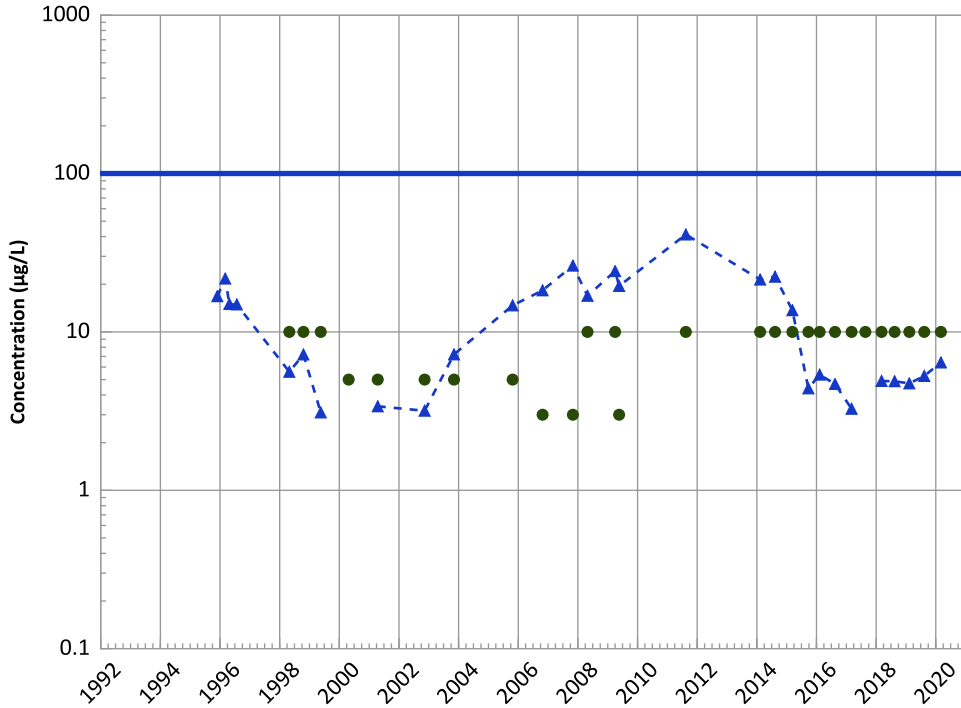
2018 - 2020 Data:

Stable

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

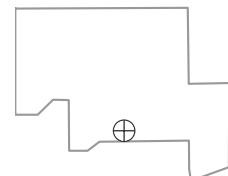
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

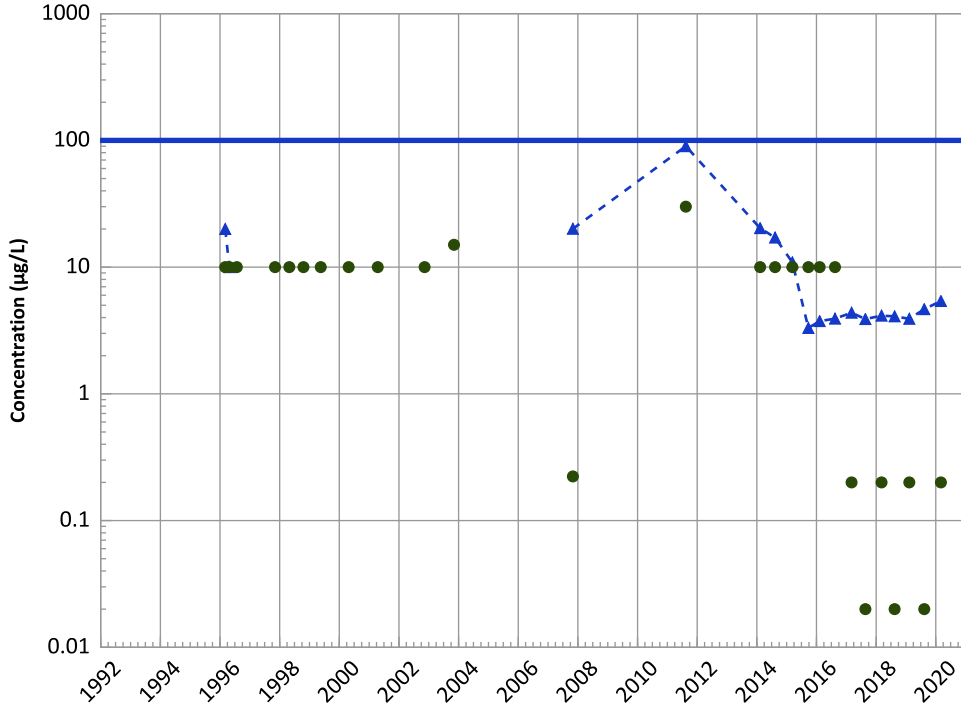
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

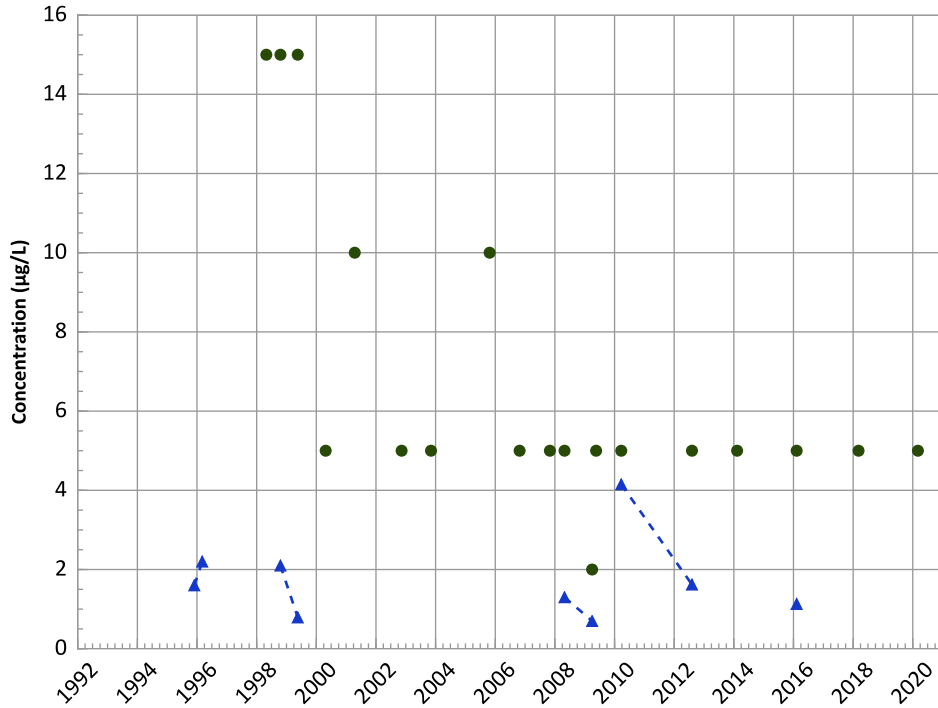
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

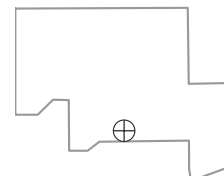
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

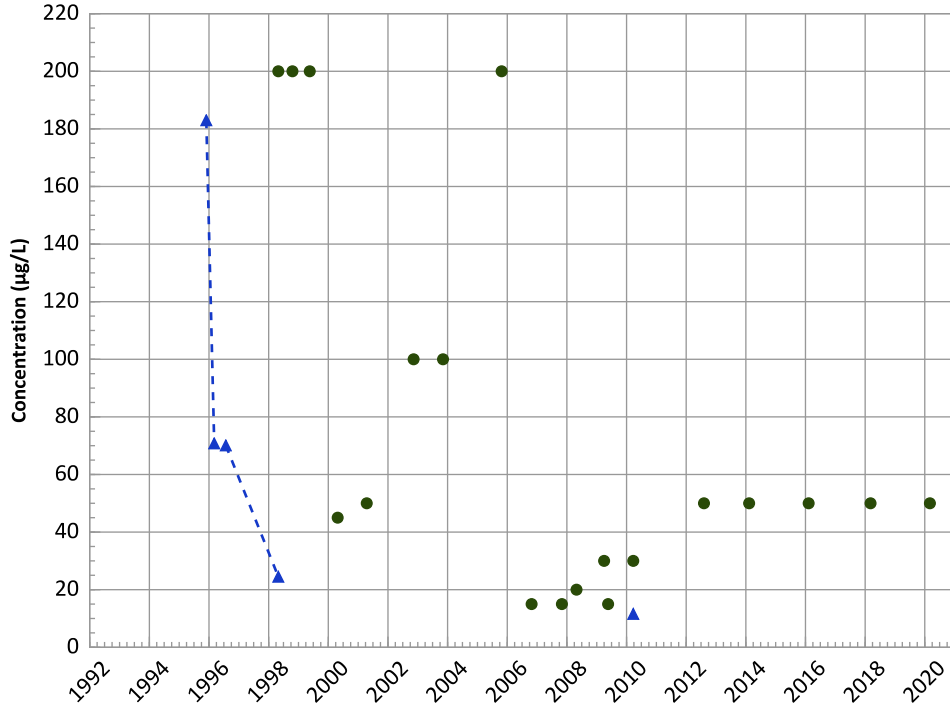
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

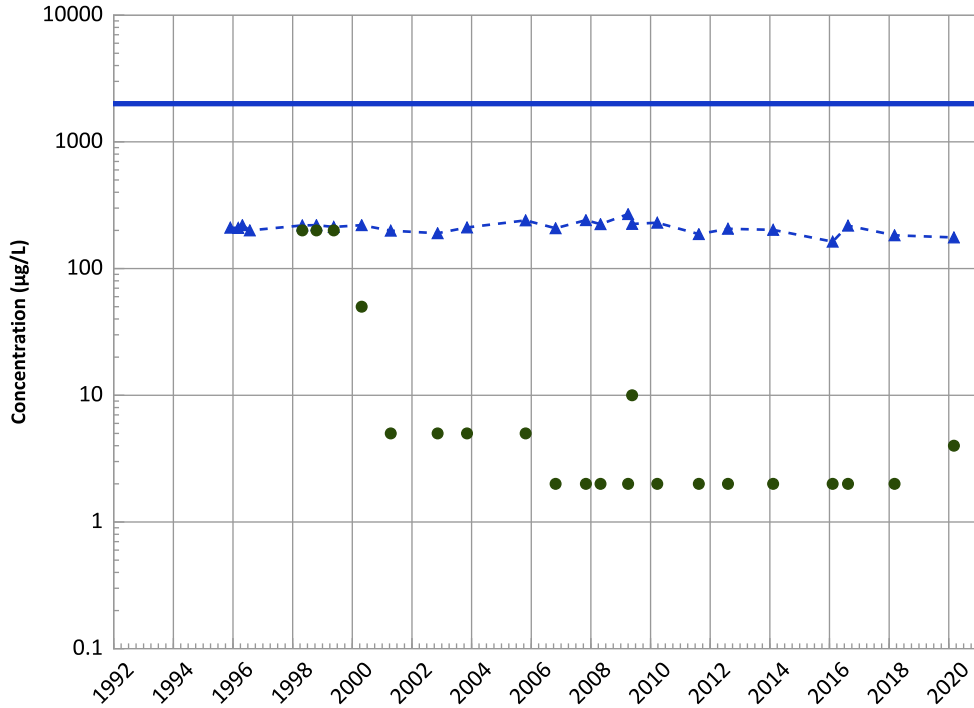
2018 - 2020 Data:

Stable

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

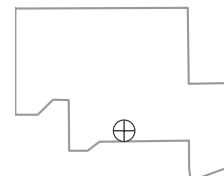
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

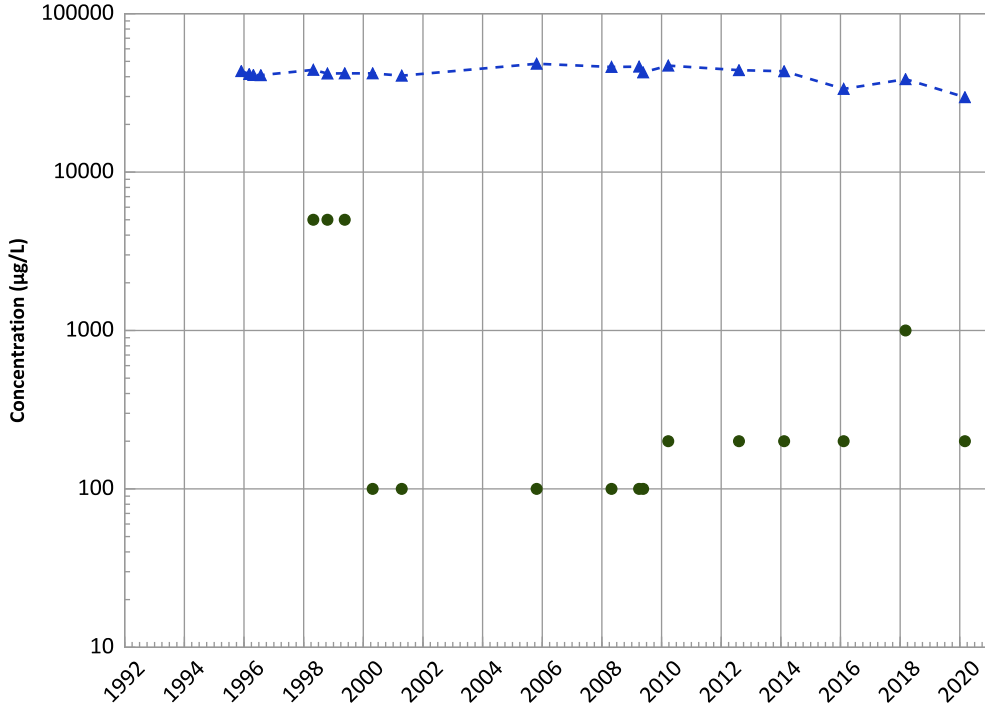
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

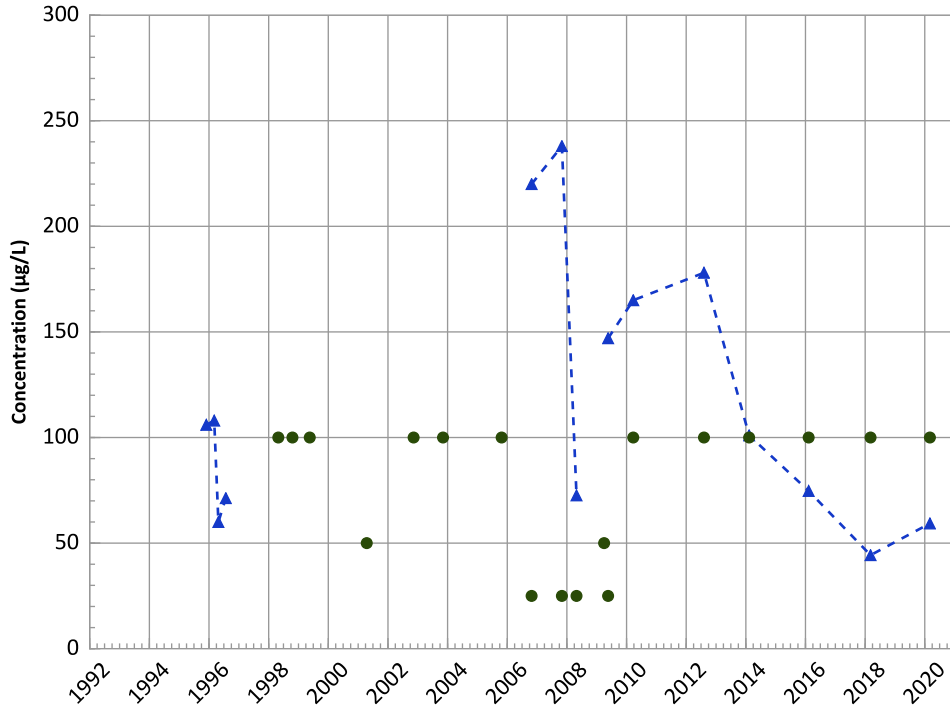
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

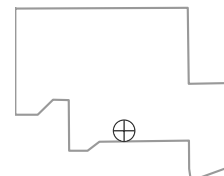
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

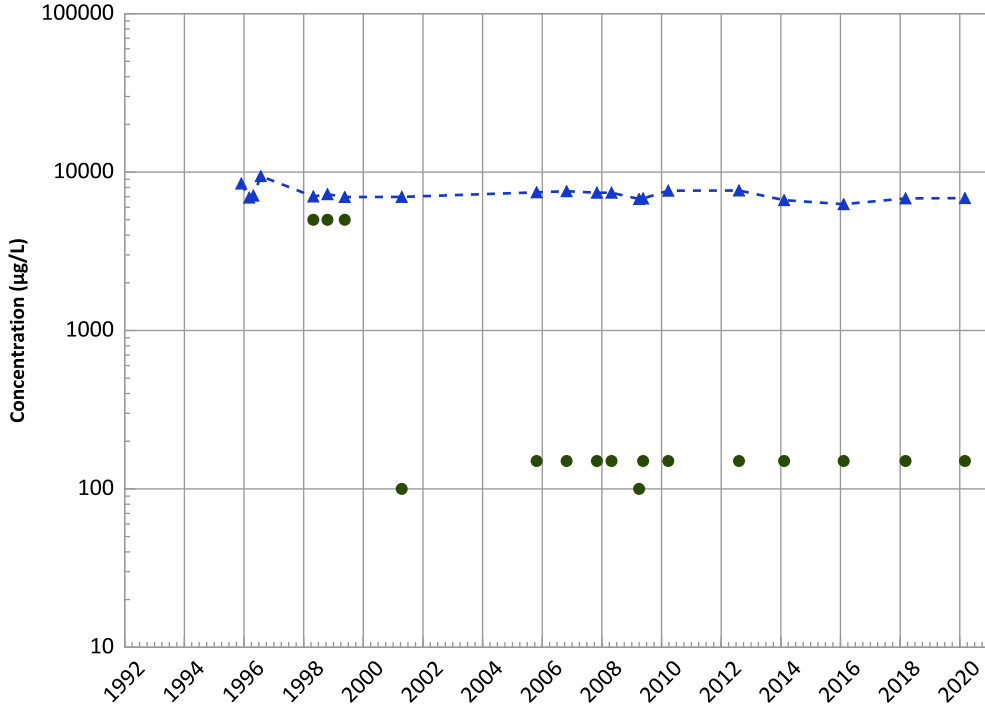
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

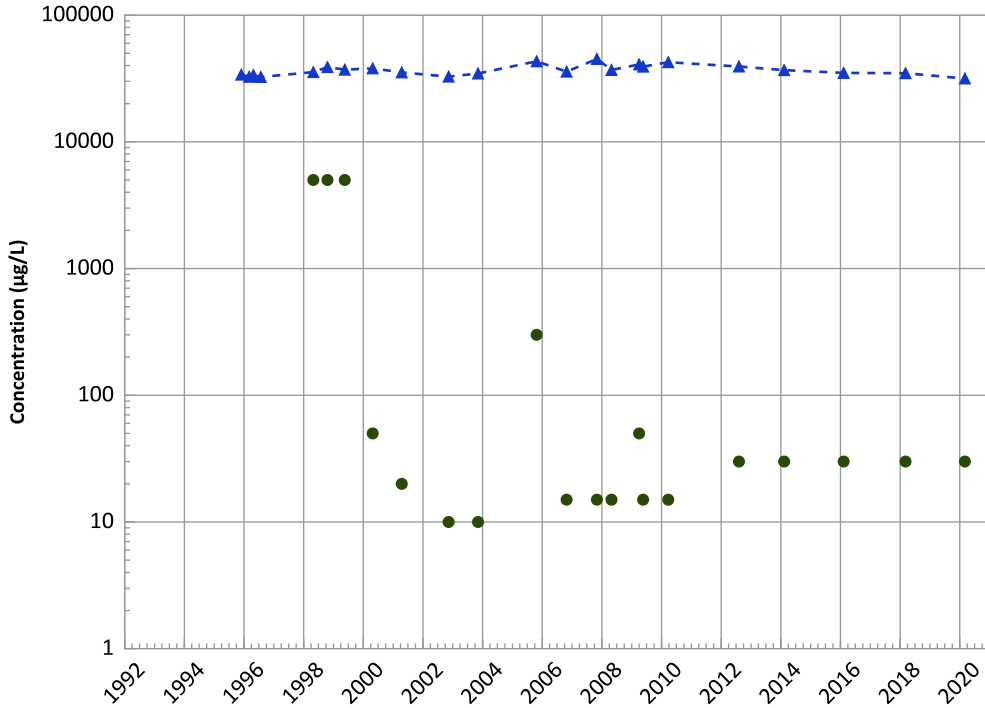
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

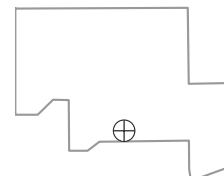
All Data:

Increasing

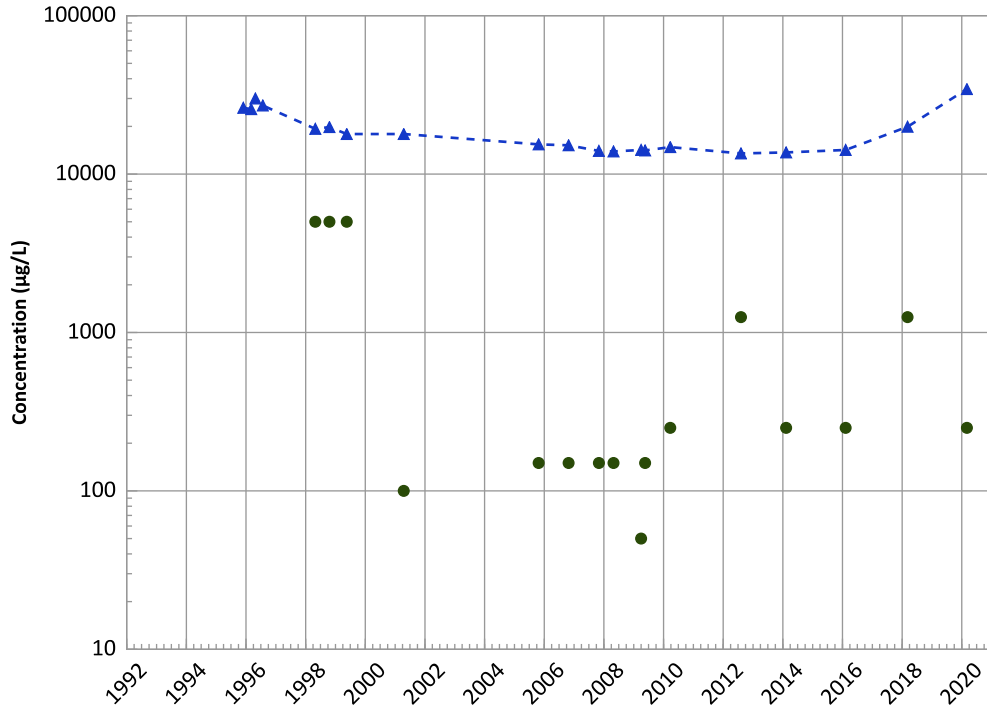
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/29/1995 to 03/04/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

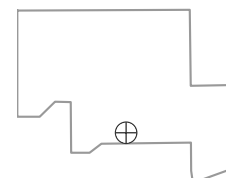
All Data:

Decreasing

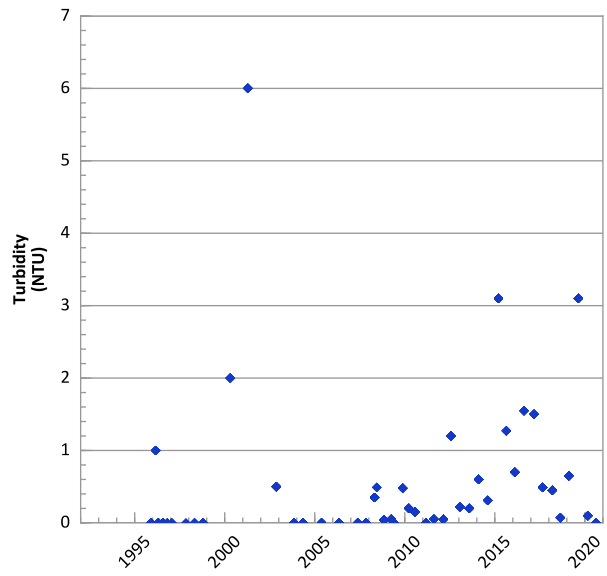
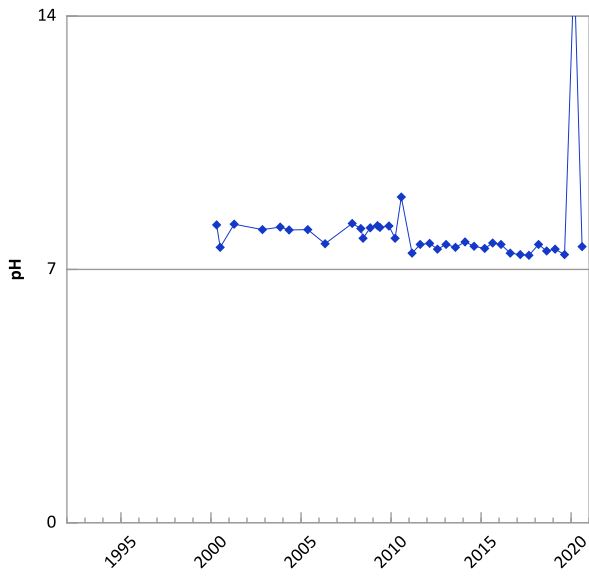
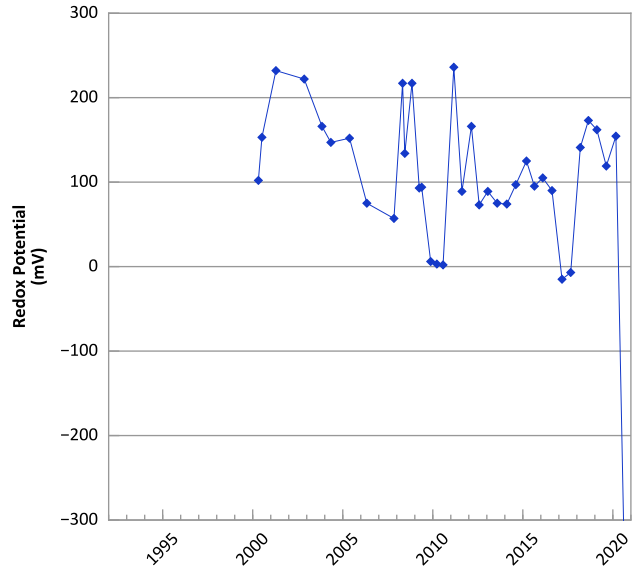
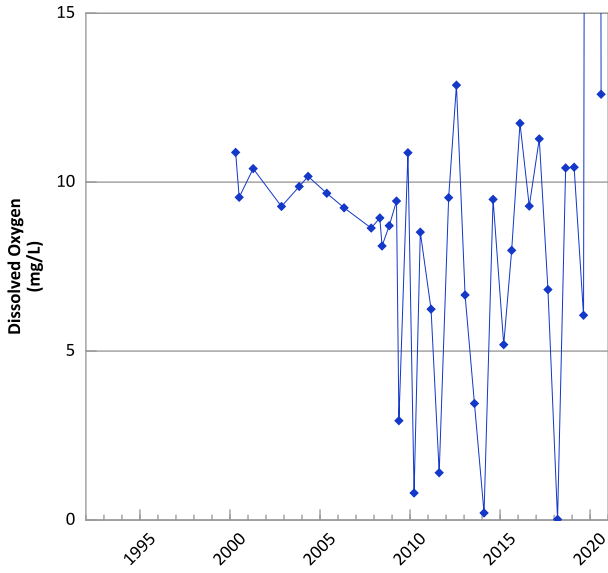
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/29/1995 to 03/04/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

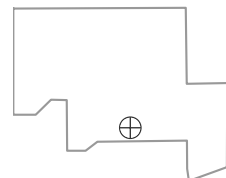


**PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



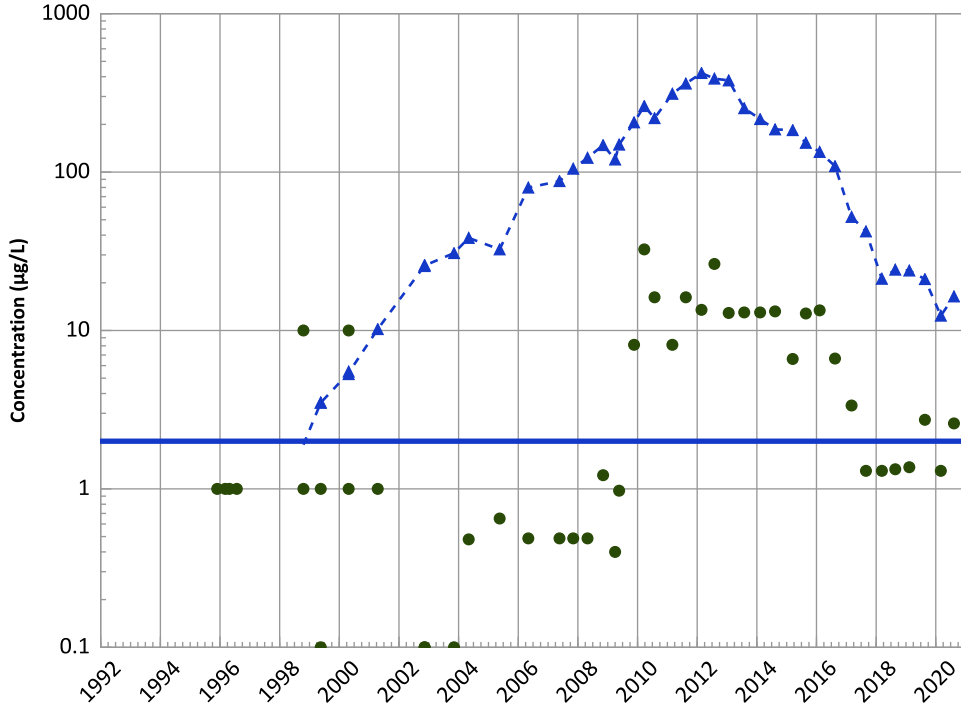
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/28/1995 to 08/11/2020
 Analysis Date: 06/03/2021

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

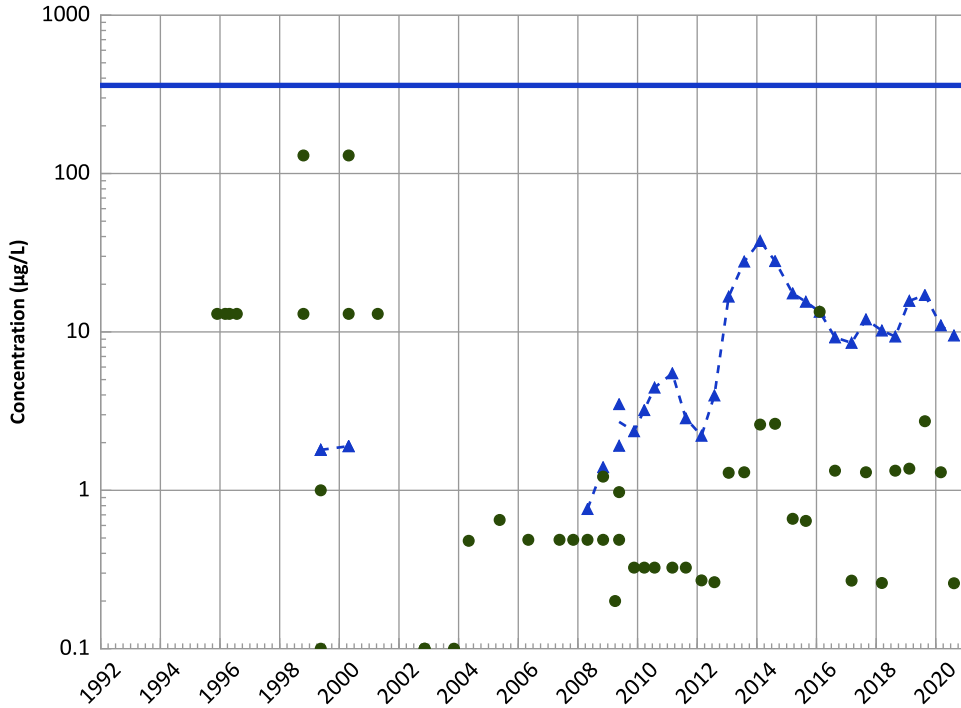
2018 - 2020 Data:

Stable

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

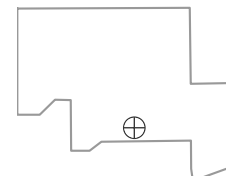
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

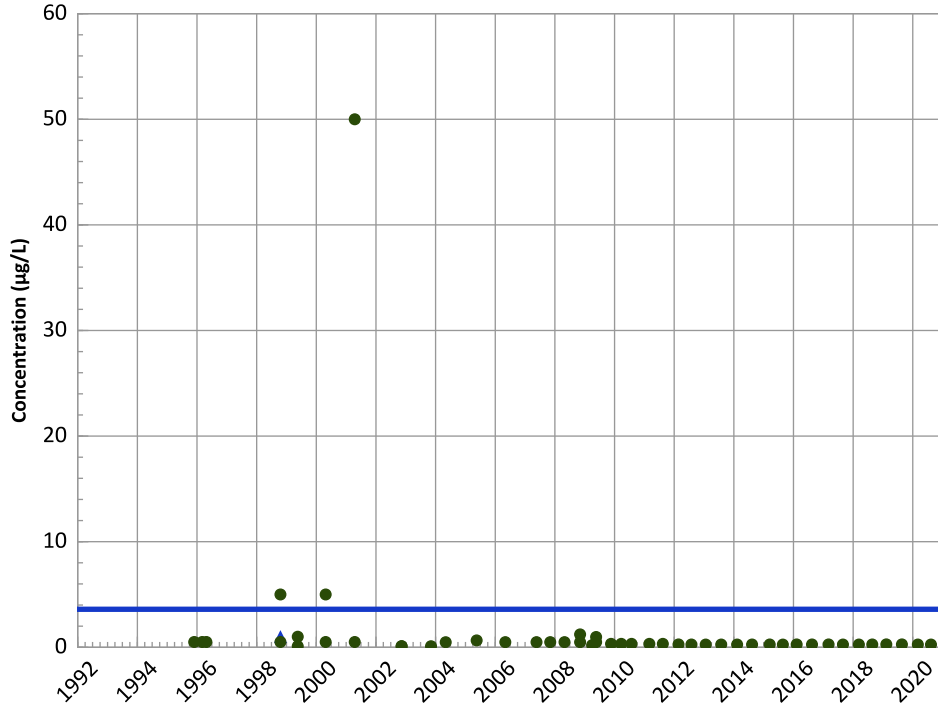
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

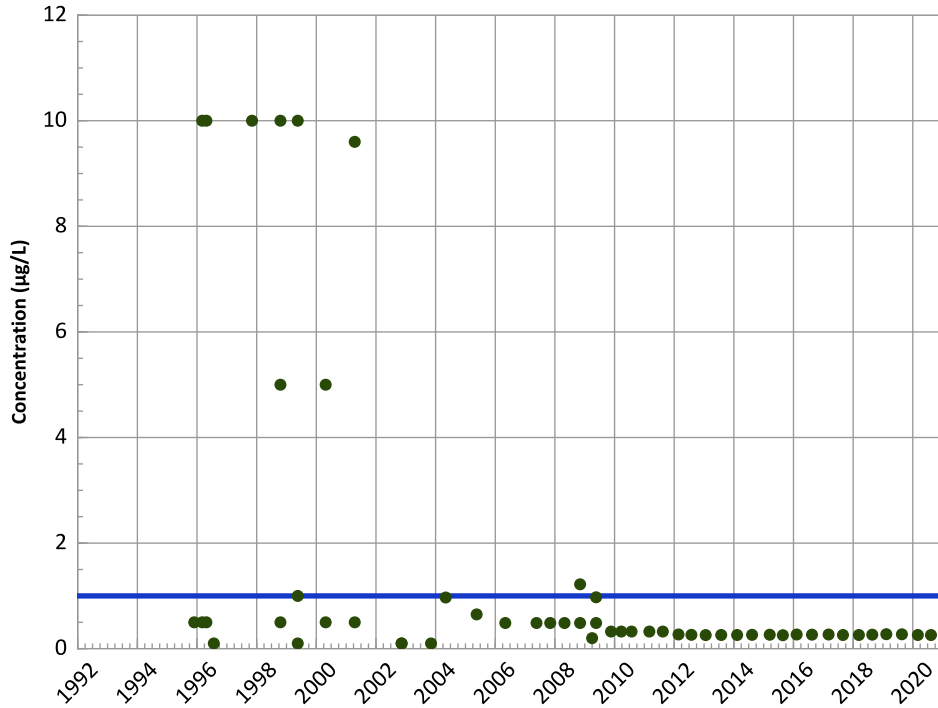
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

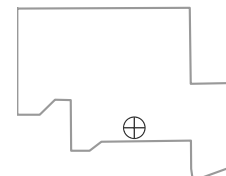
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

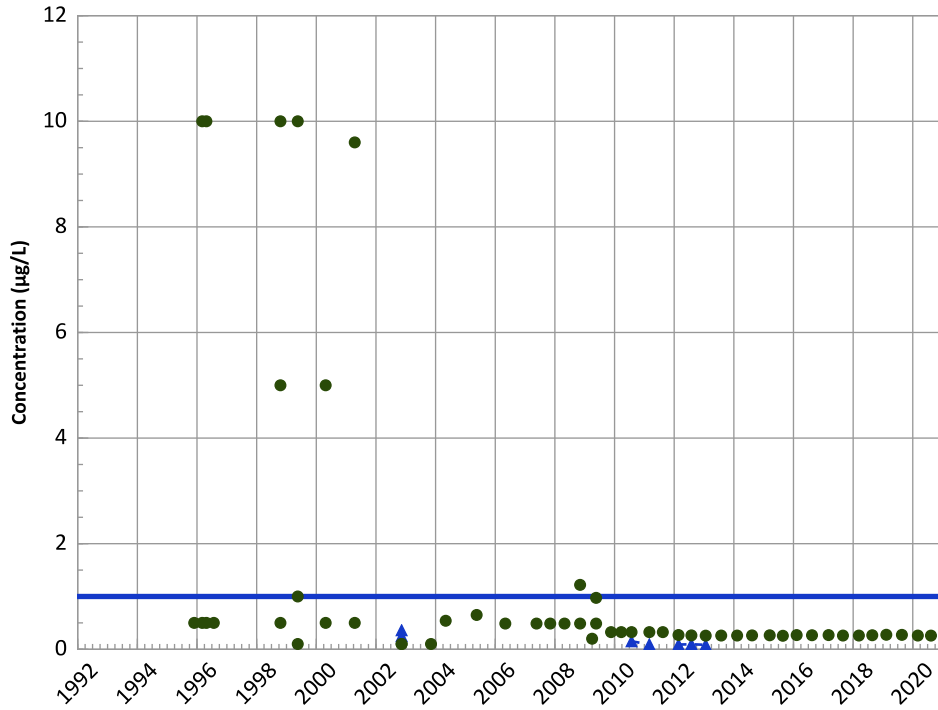
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

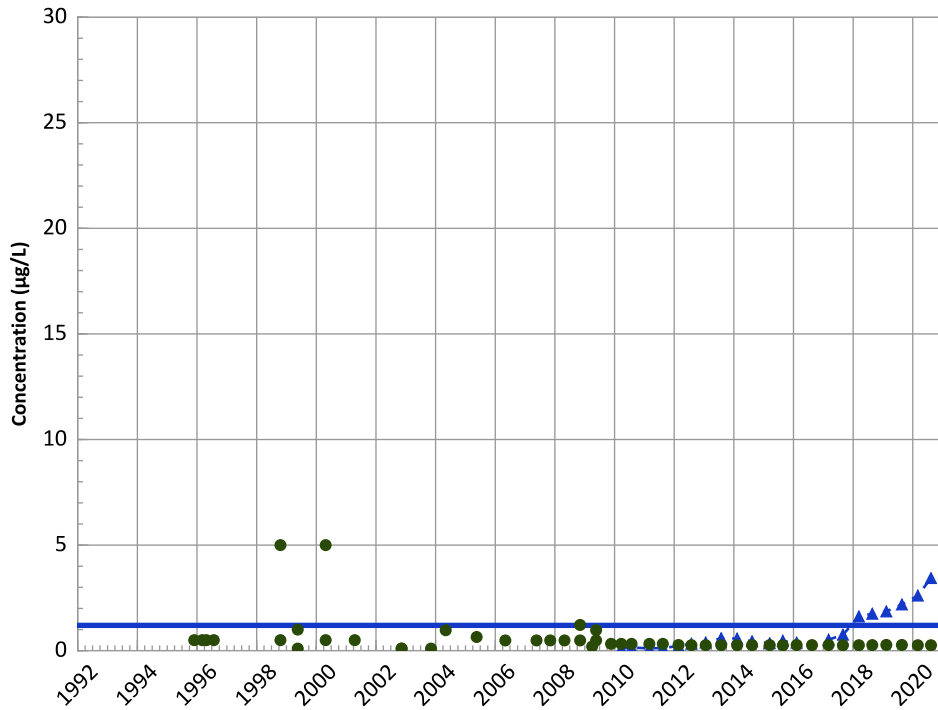
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

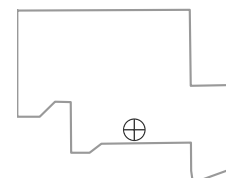
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

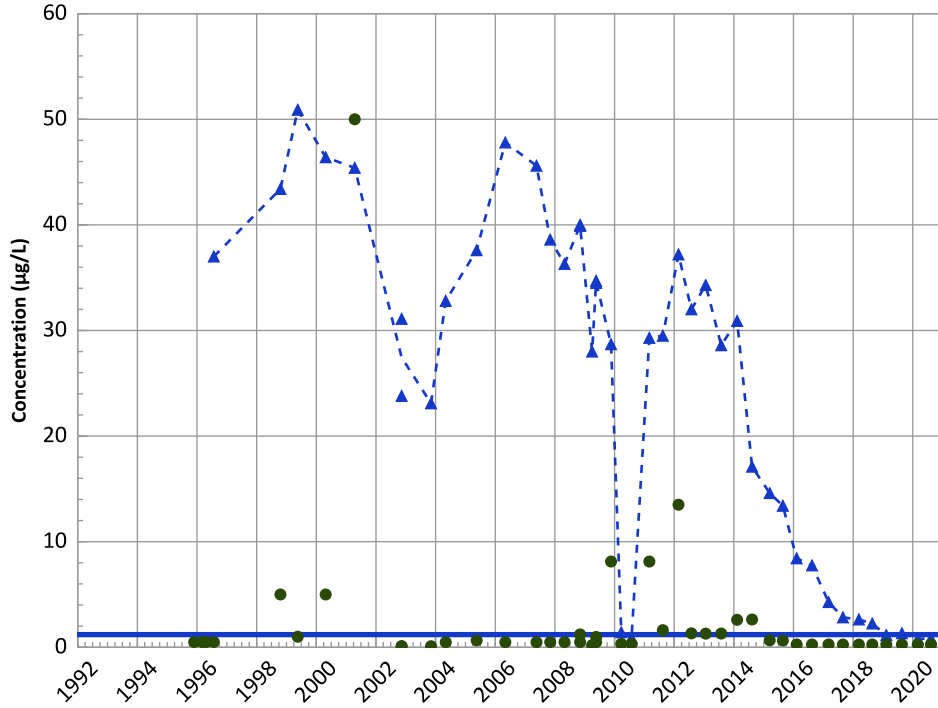
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

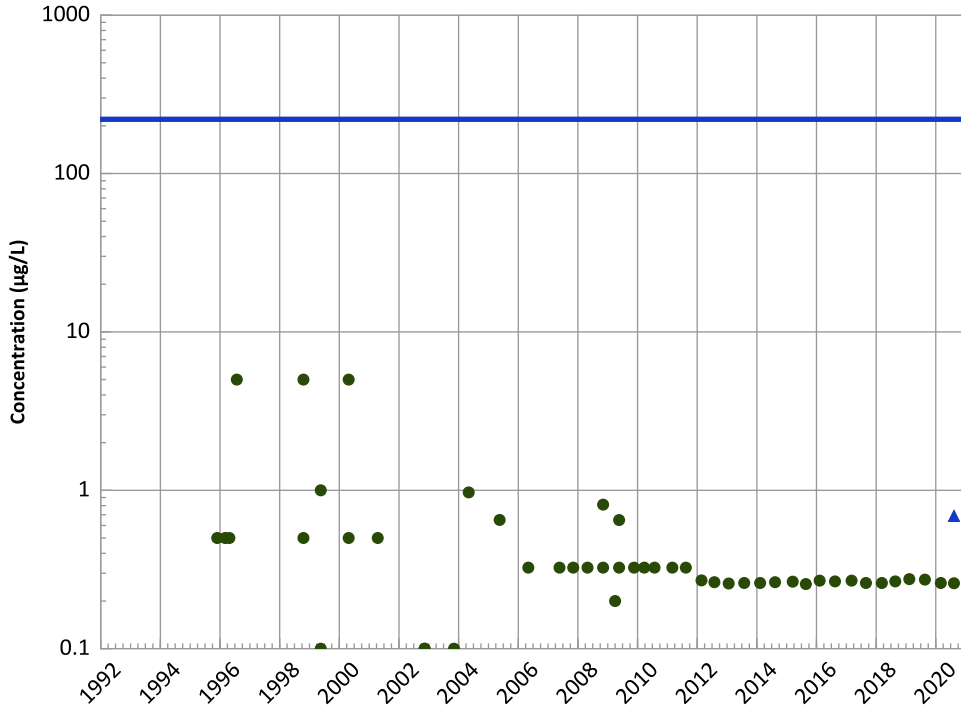
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

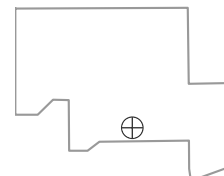
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

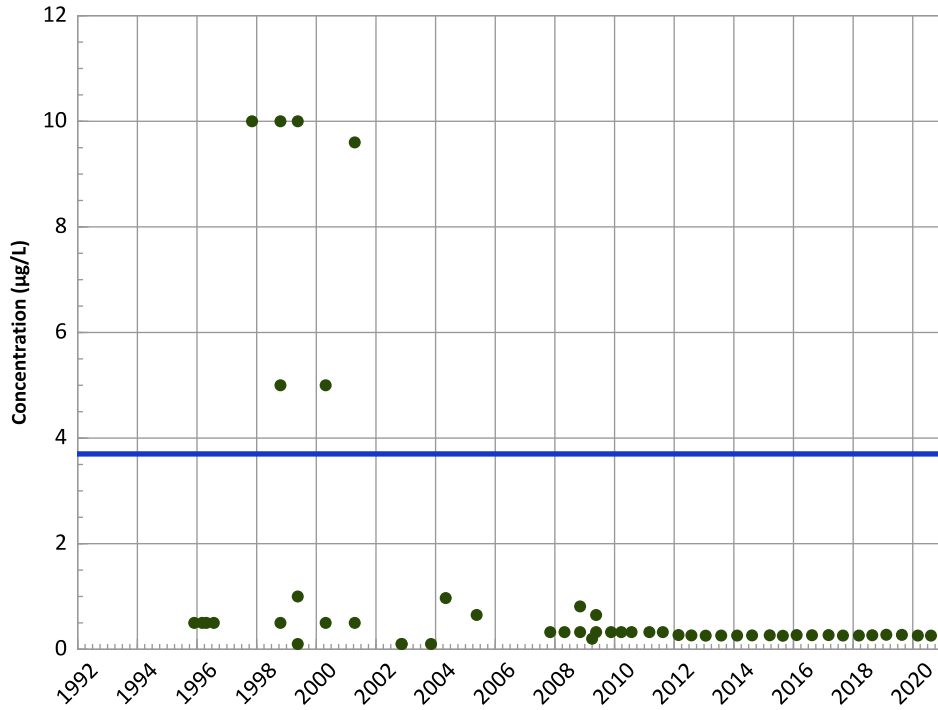
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

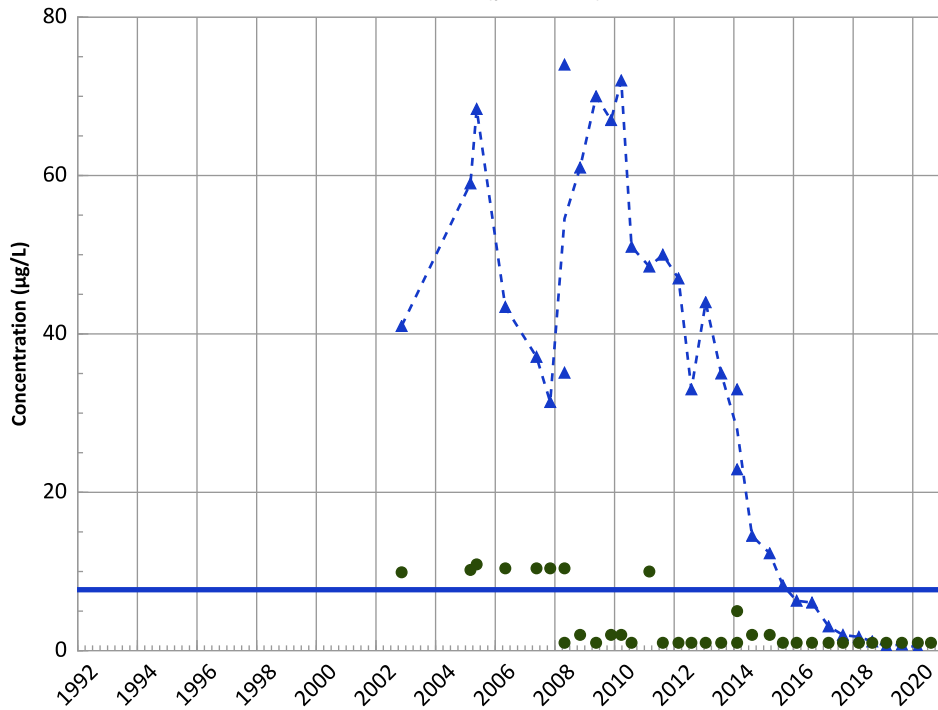
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

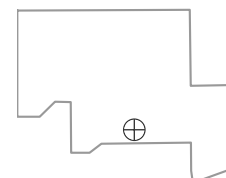
All Data:

Decreasing

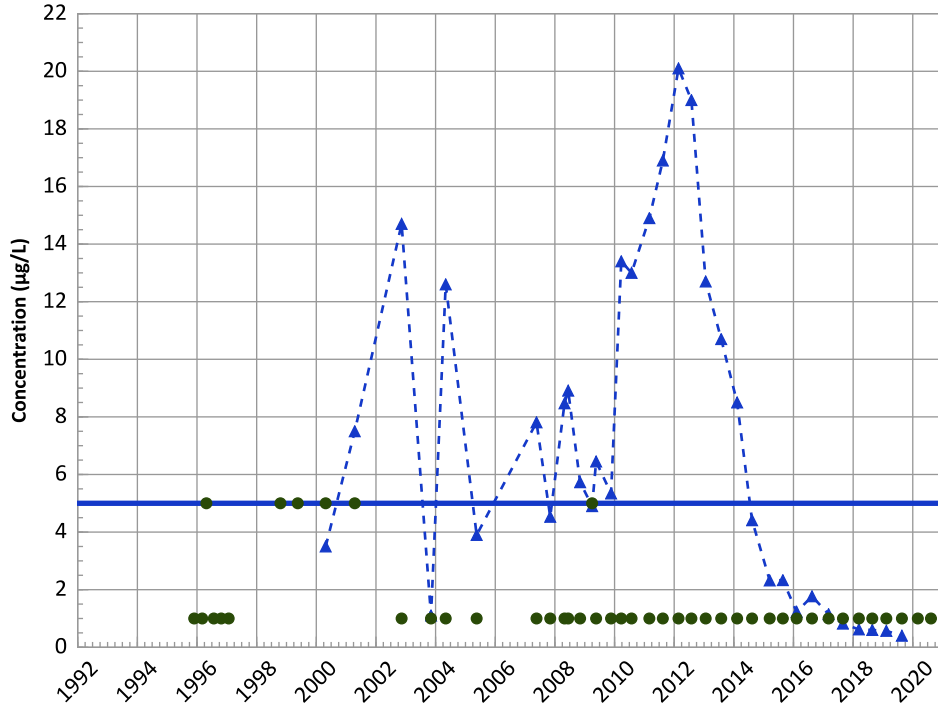
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

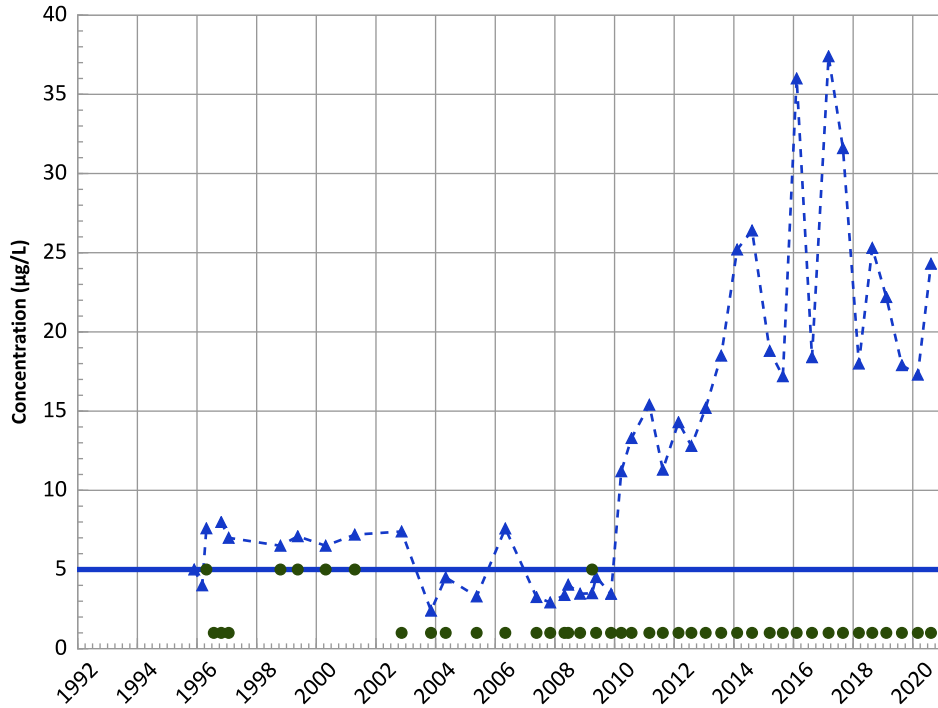


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Trichloroethene Trend



Concentration Trend

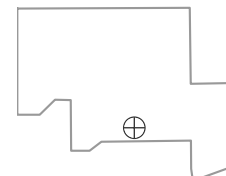
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

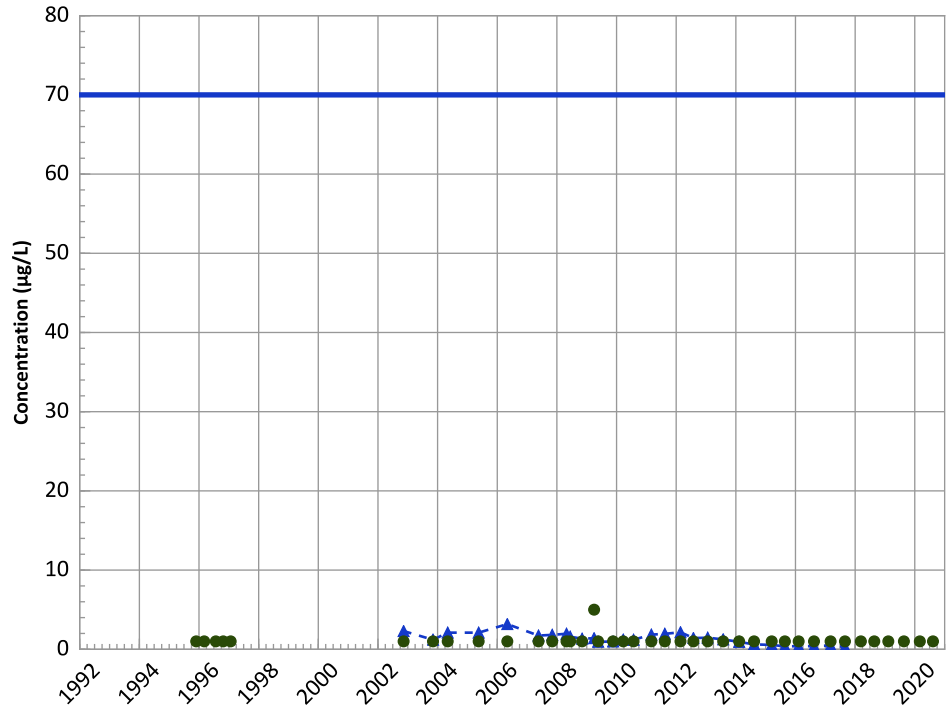
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**

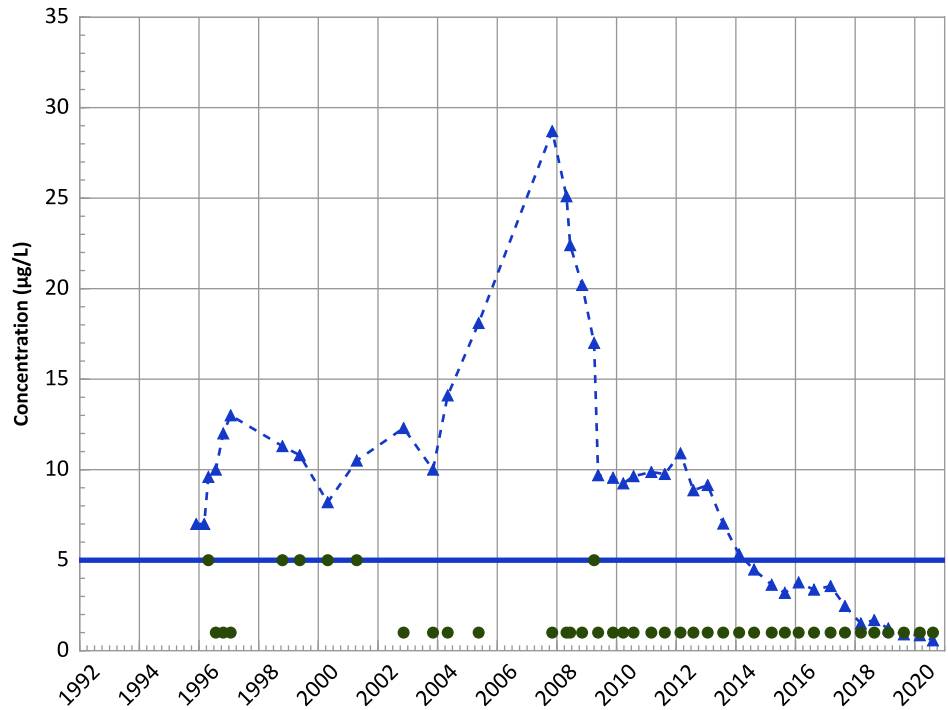


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

1,2-Dichloroethane Trend

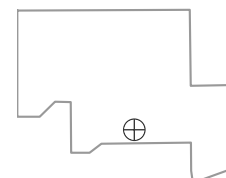


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

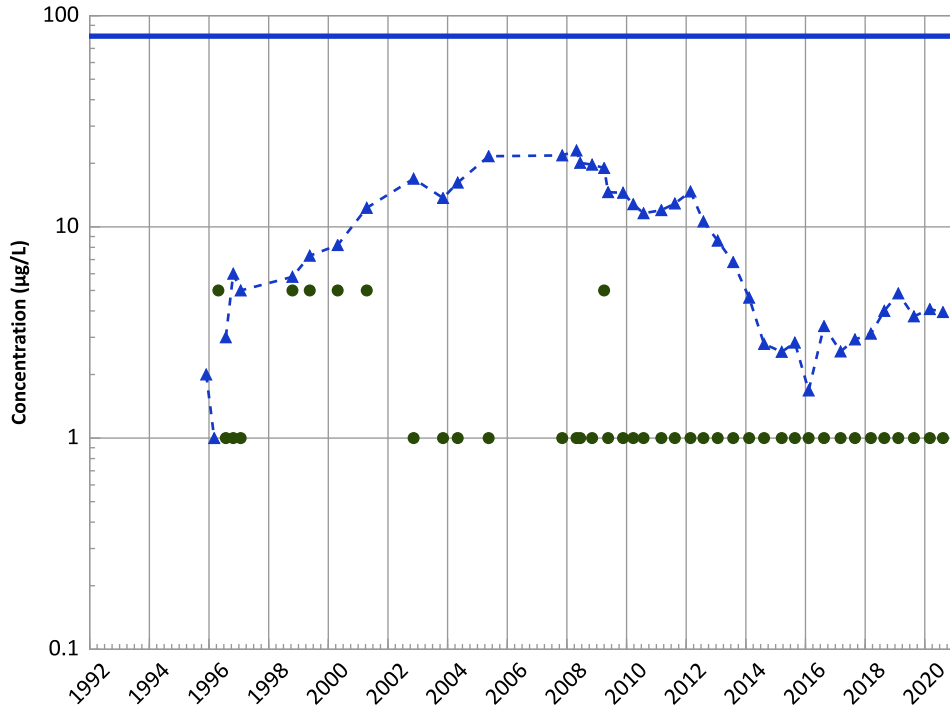
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

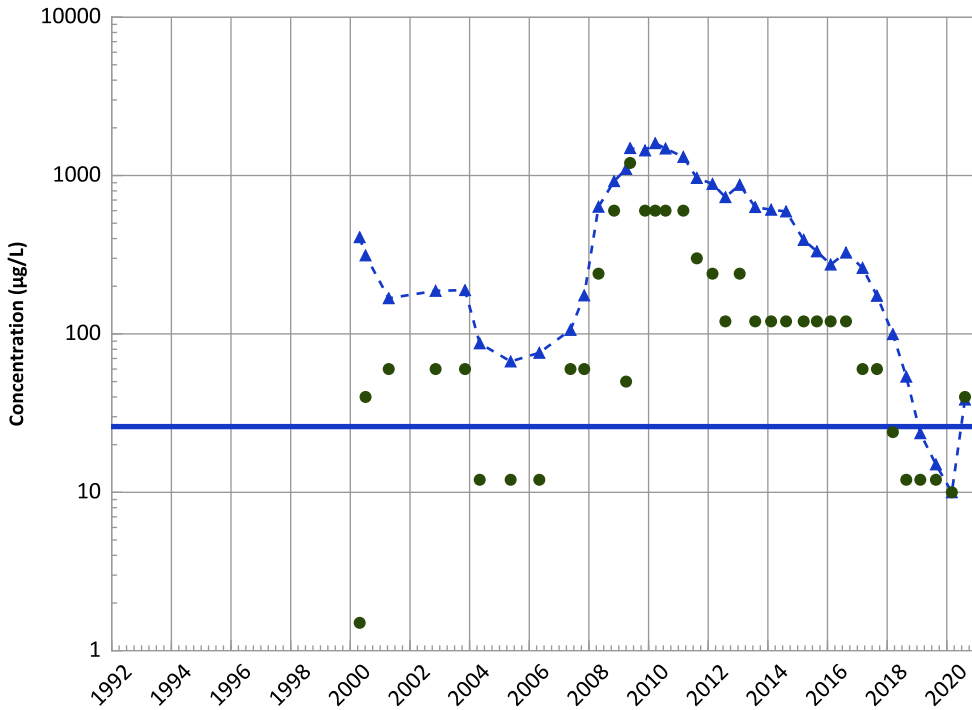
2018 - 2020 Data:

Stable

All Data:

Stable

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

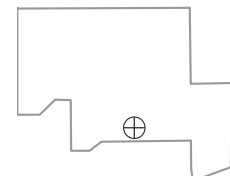
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

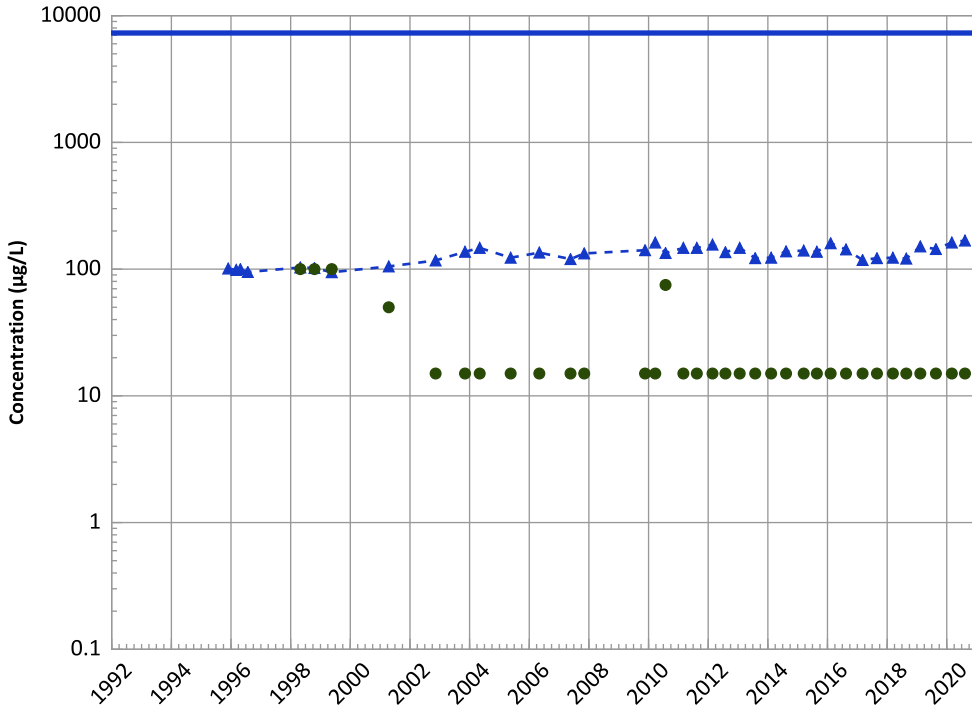
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

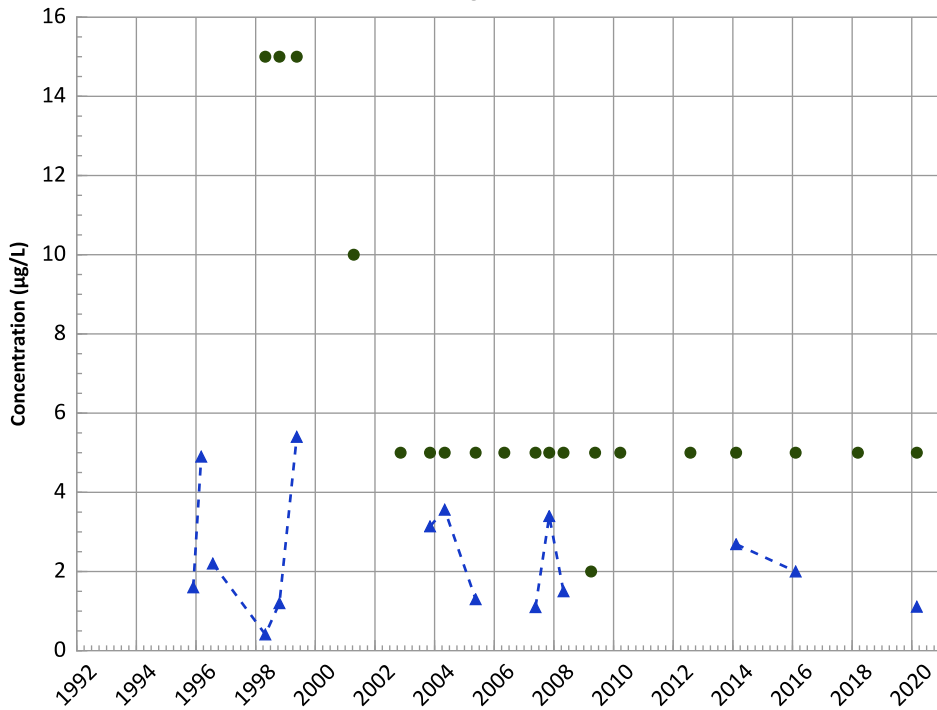
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

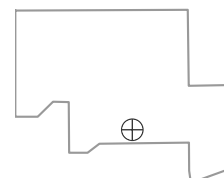
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

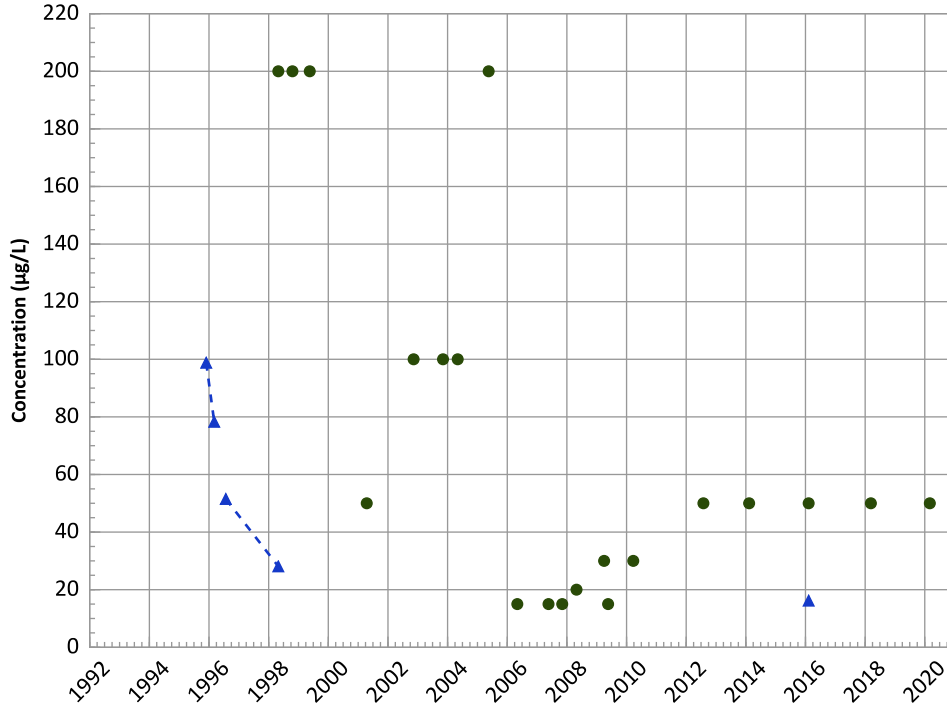
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

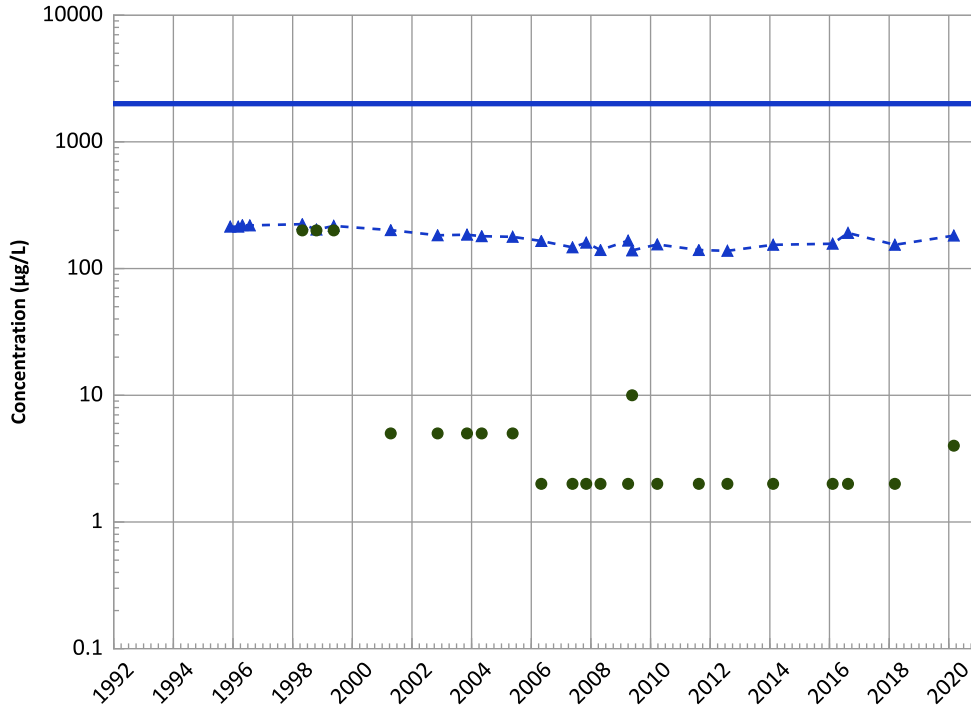


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Barium Trend



Concentration Trend

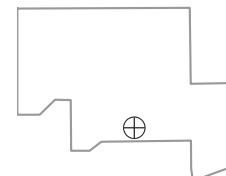
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

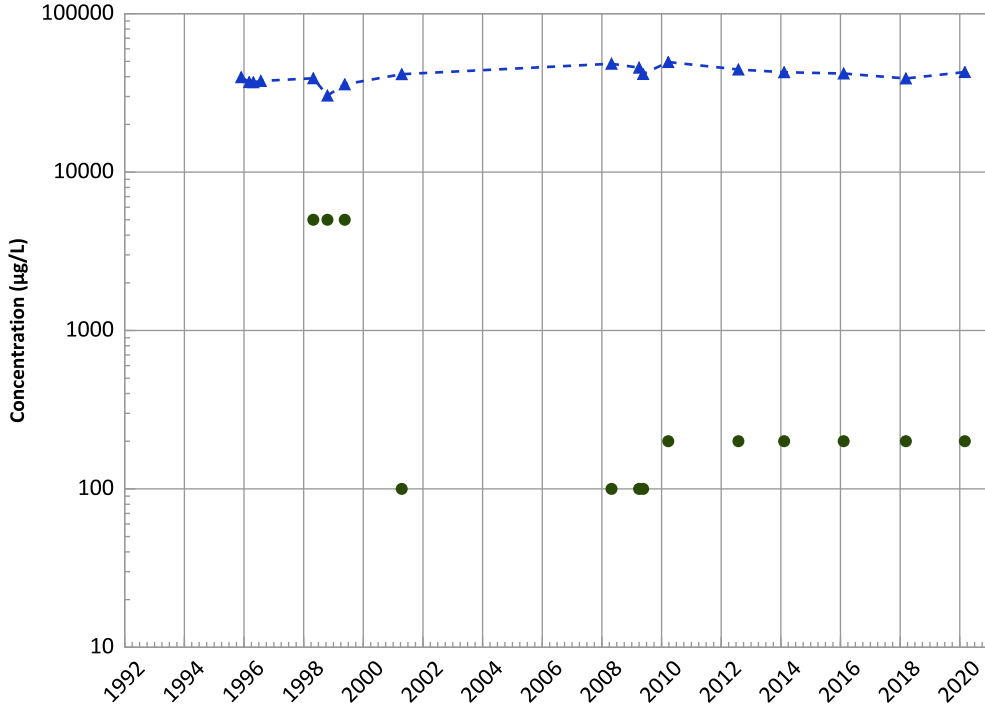
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

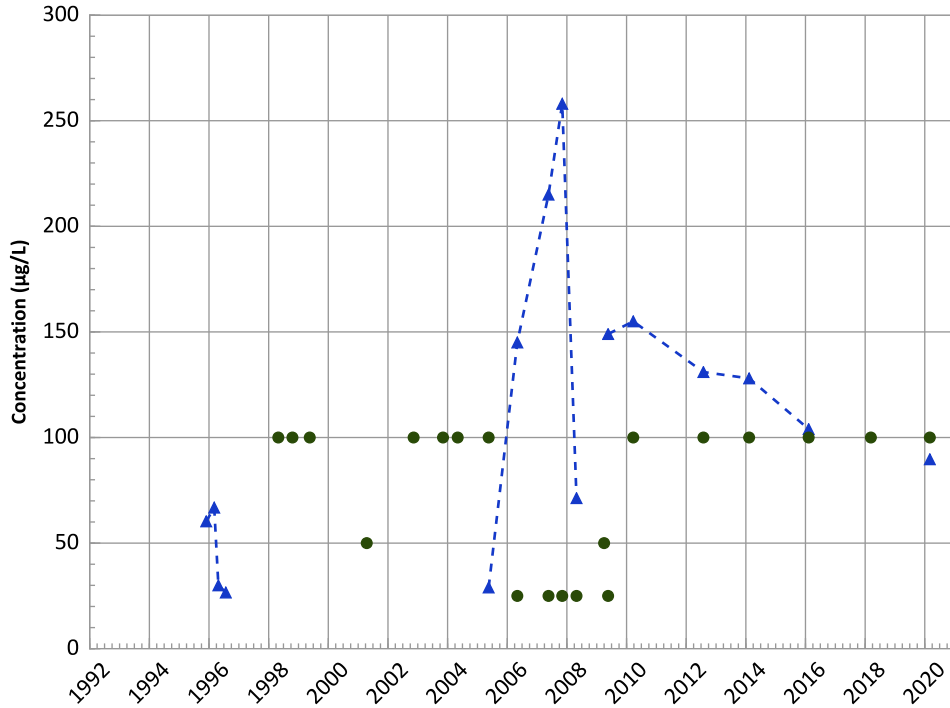
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

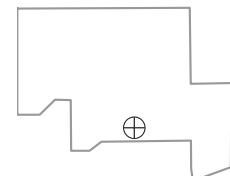
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Well Location

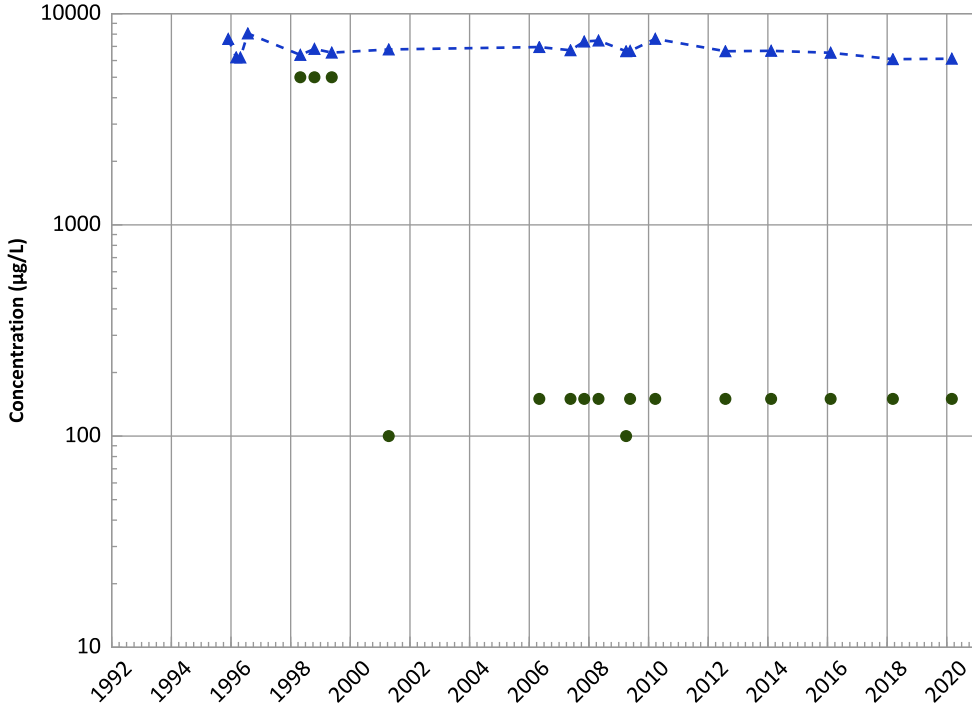


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

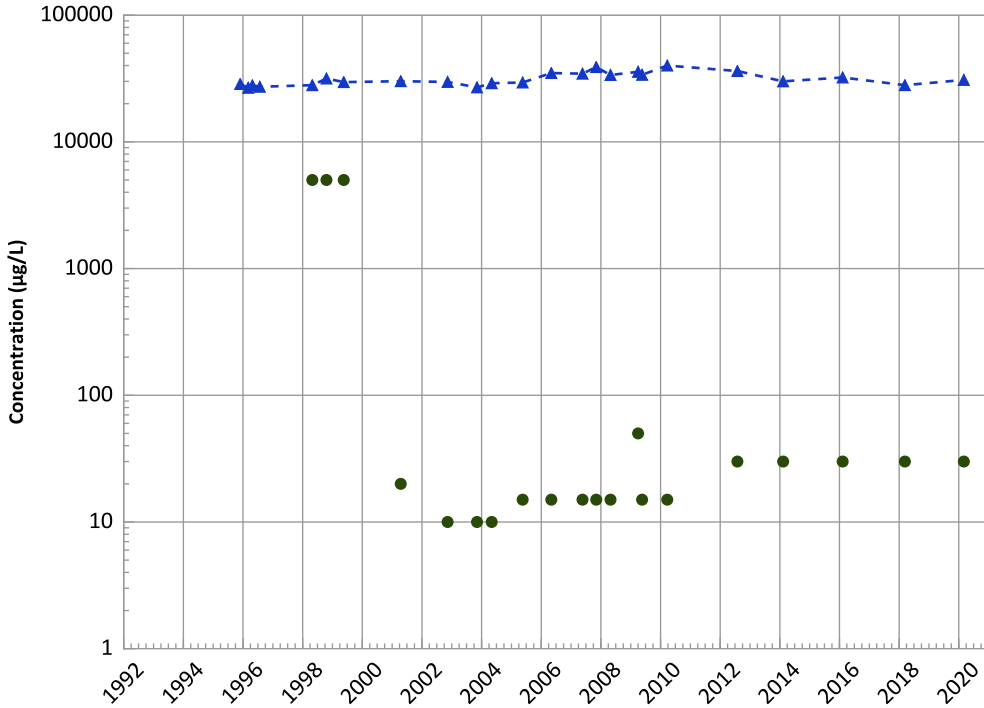
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

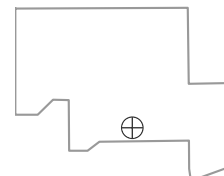
All Data:

Increasing

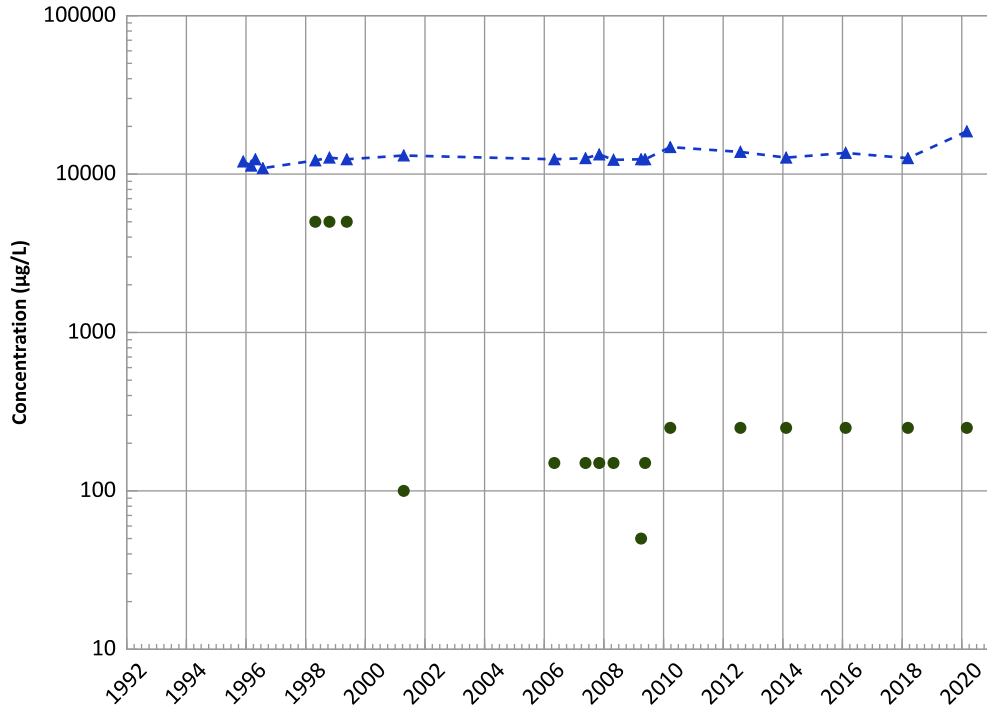
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/28/1995 to 08/11/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

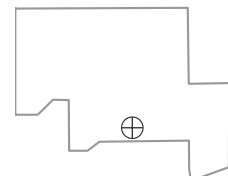
All Data:

Increasing

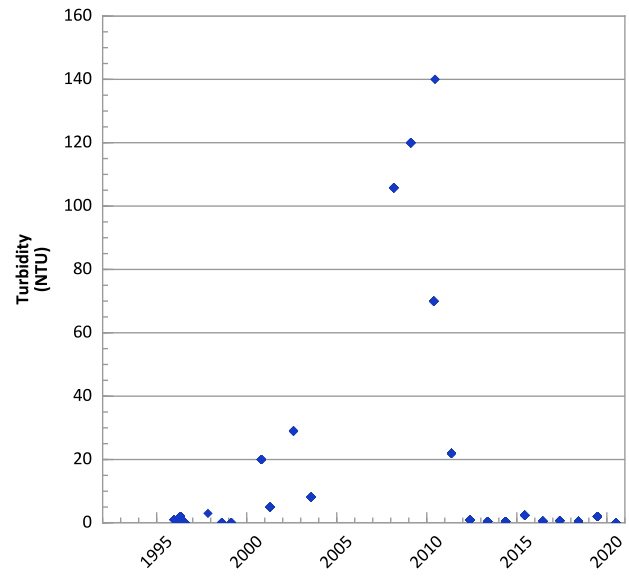
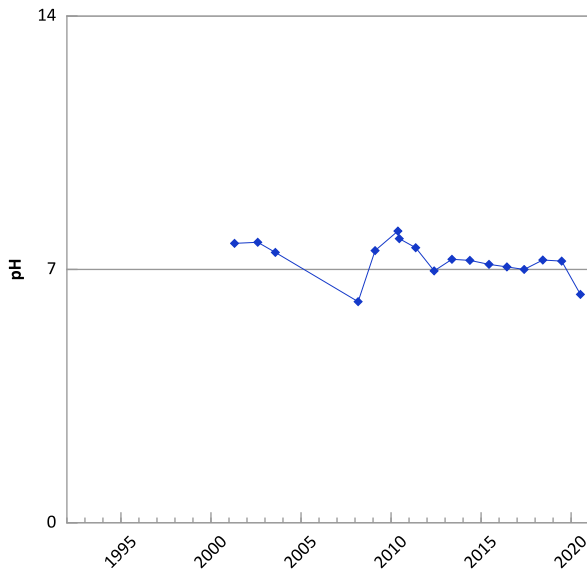
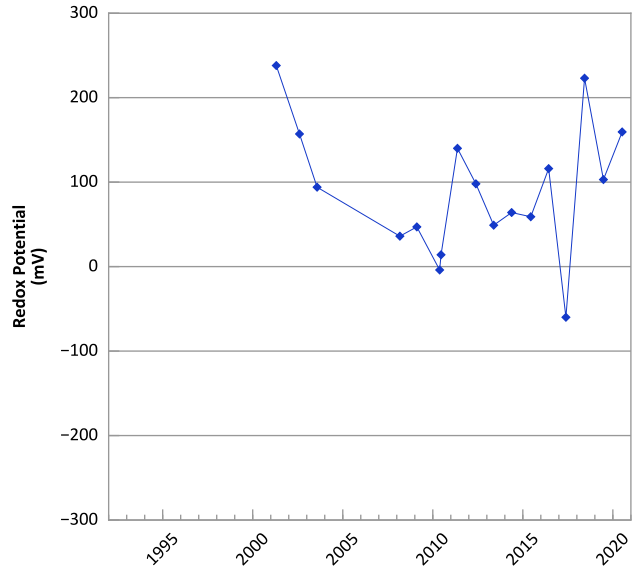
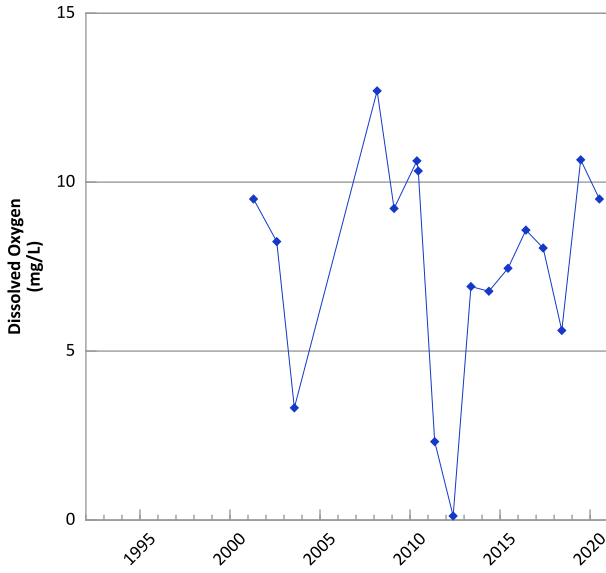
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/28/1995 to 08/11/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

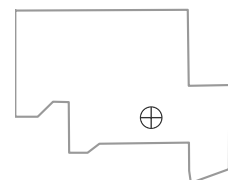


**PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



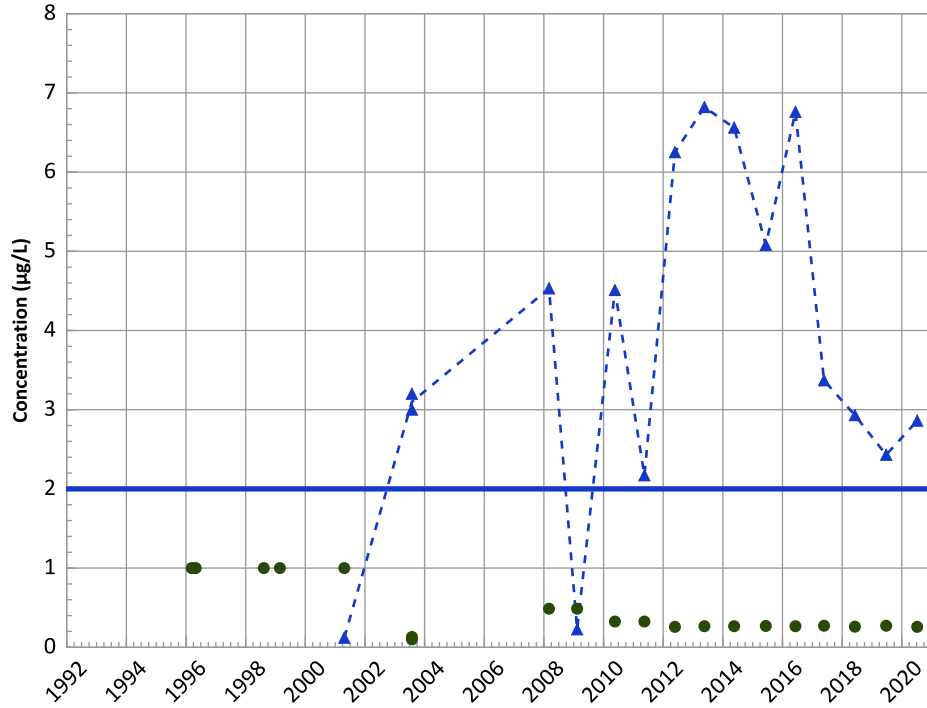
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/20/1995 to 07/08/2020
 Analysis Date: 06/03/2021

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

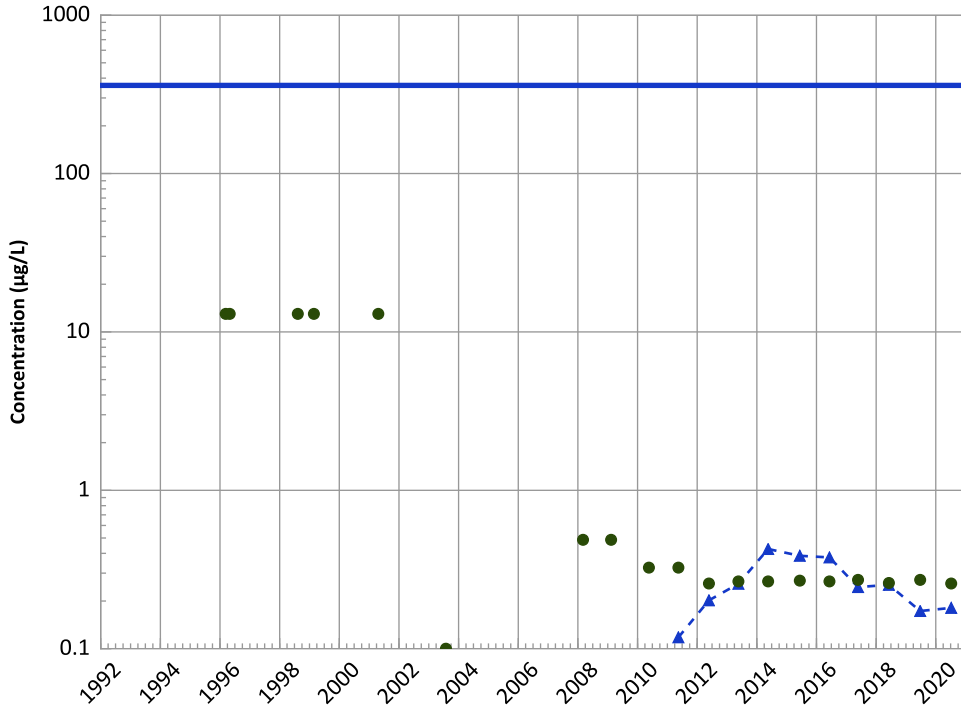
2018 - 2020 Data:

Stable

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

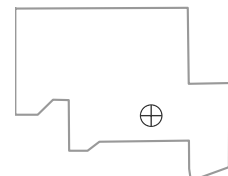
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

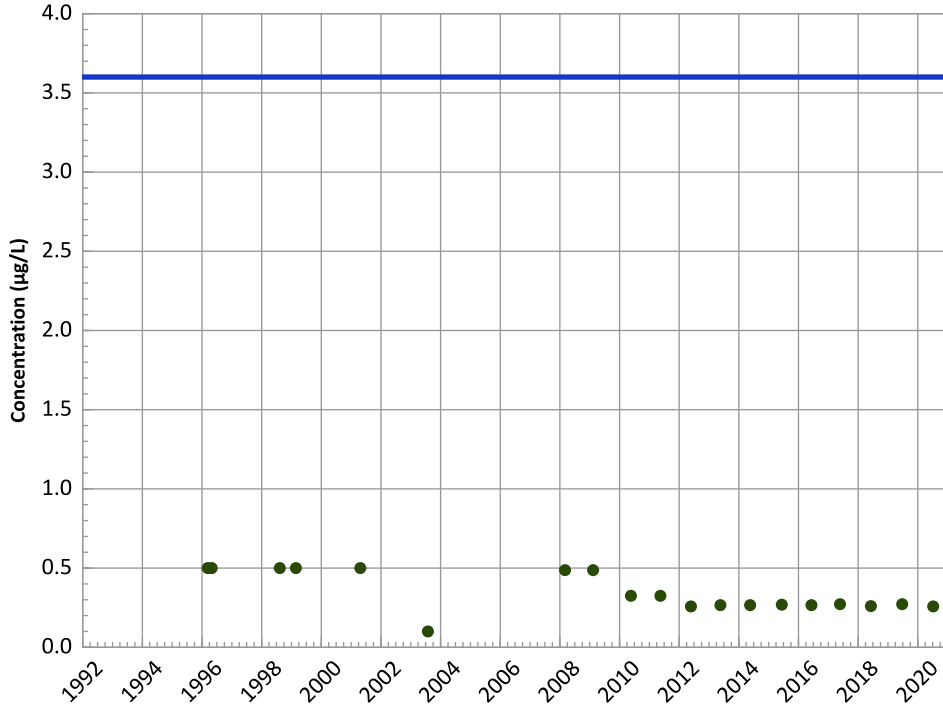
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

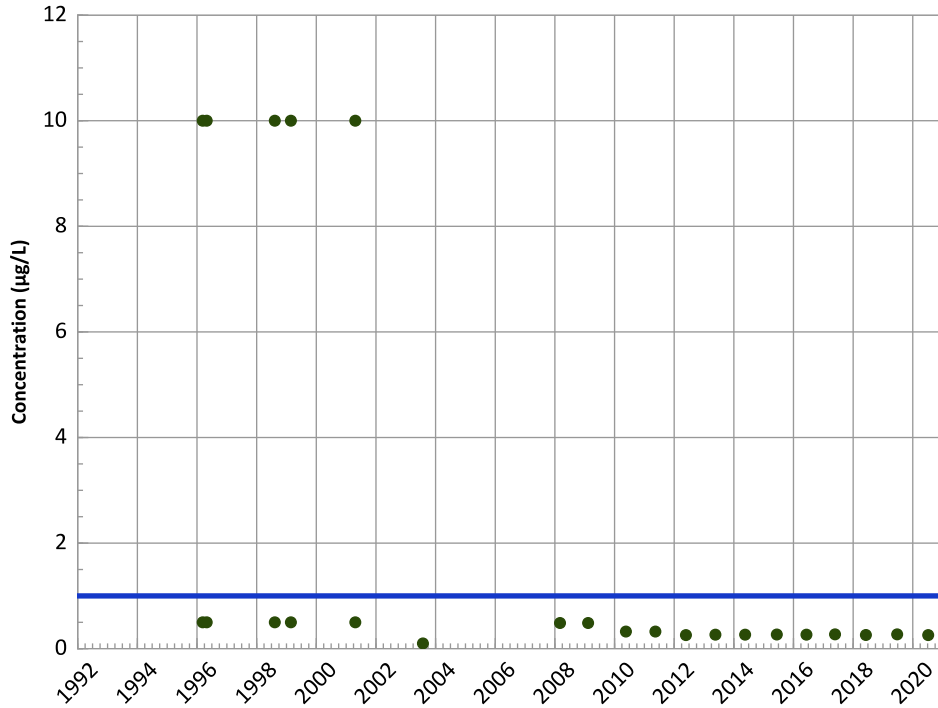
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

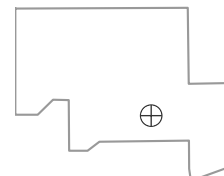
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

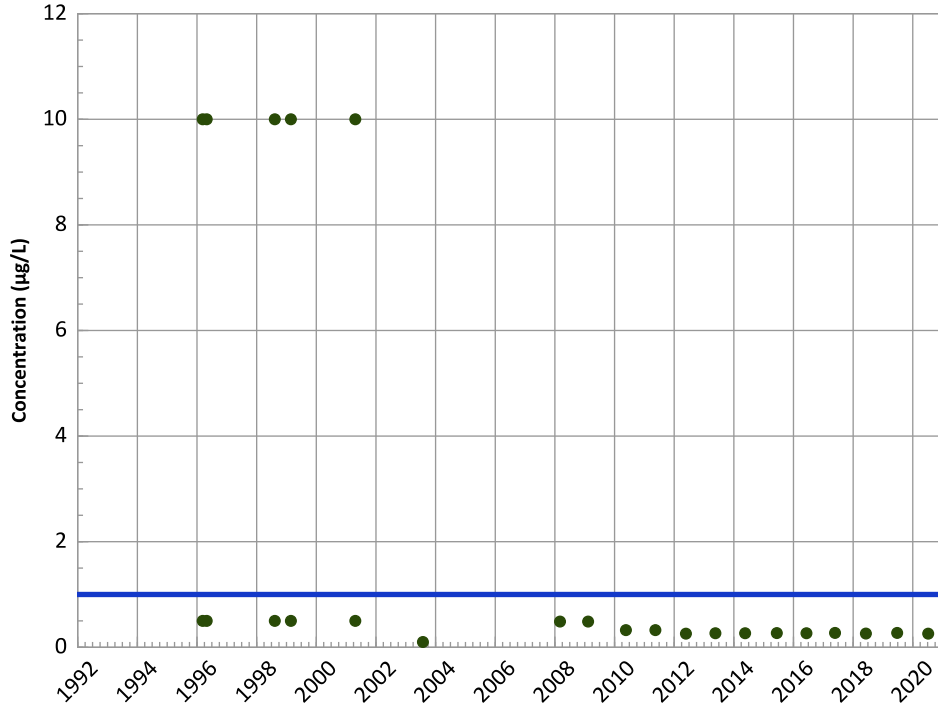
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

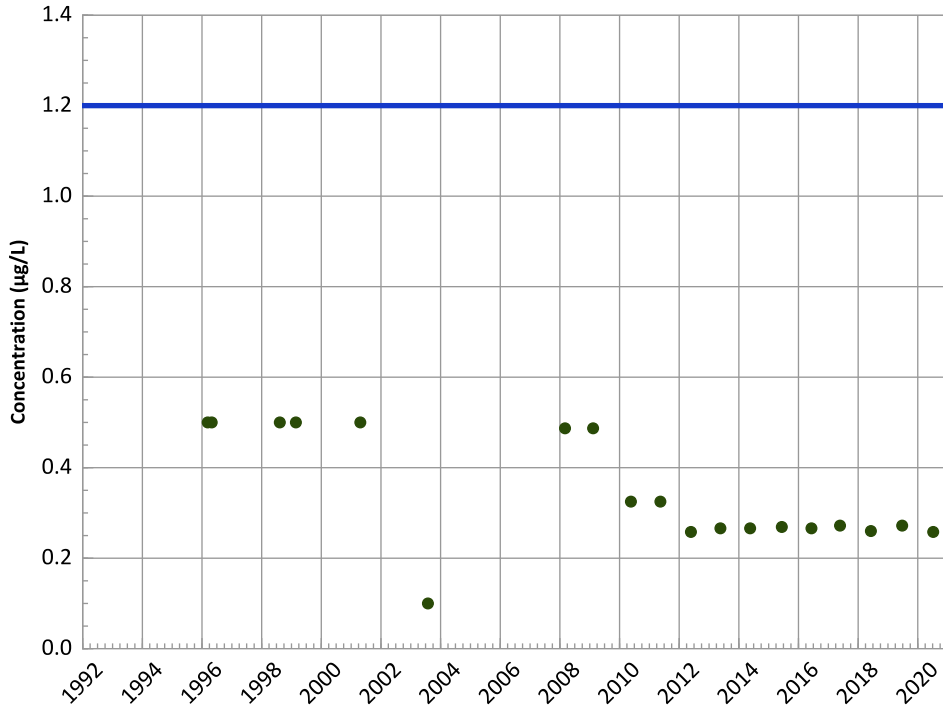
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

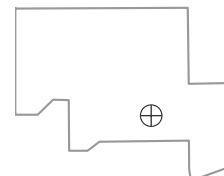
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

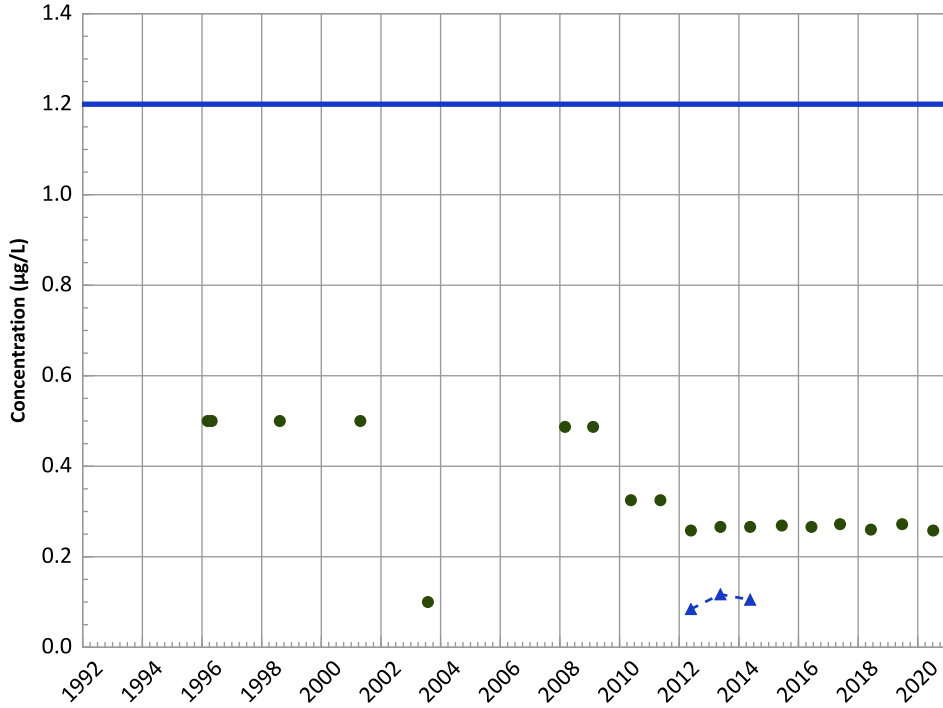
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

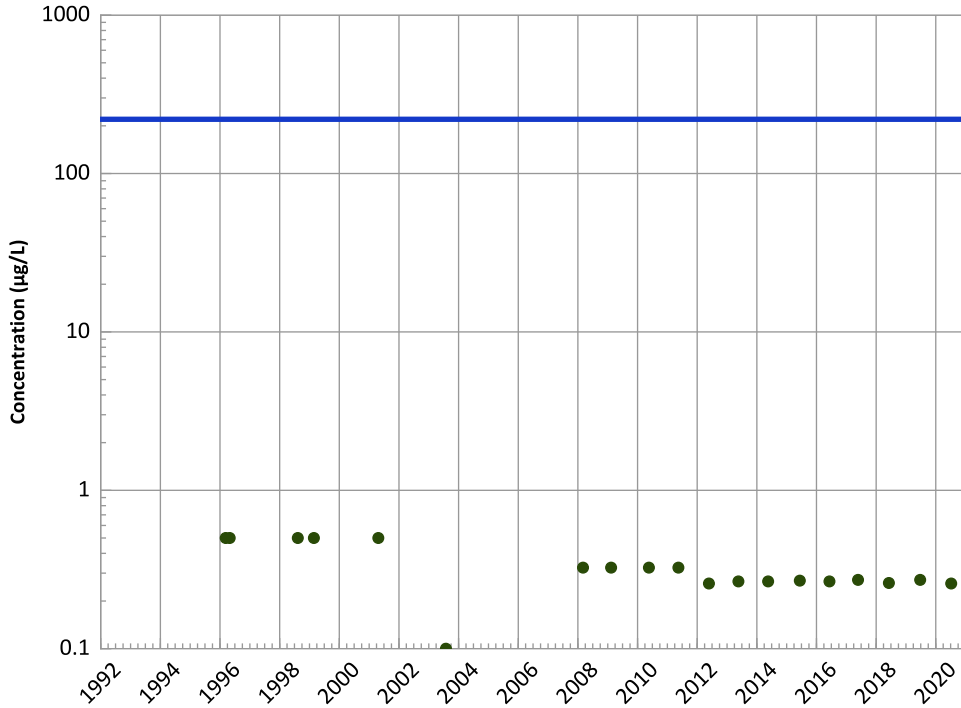
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

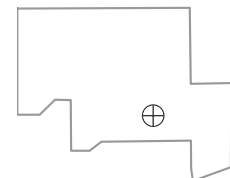
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

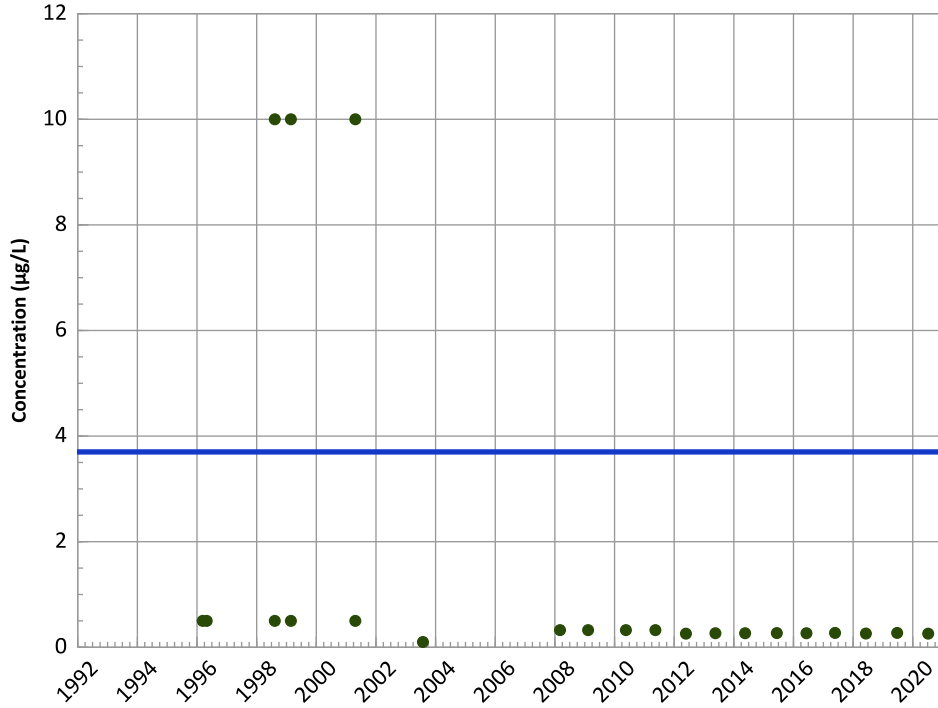
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

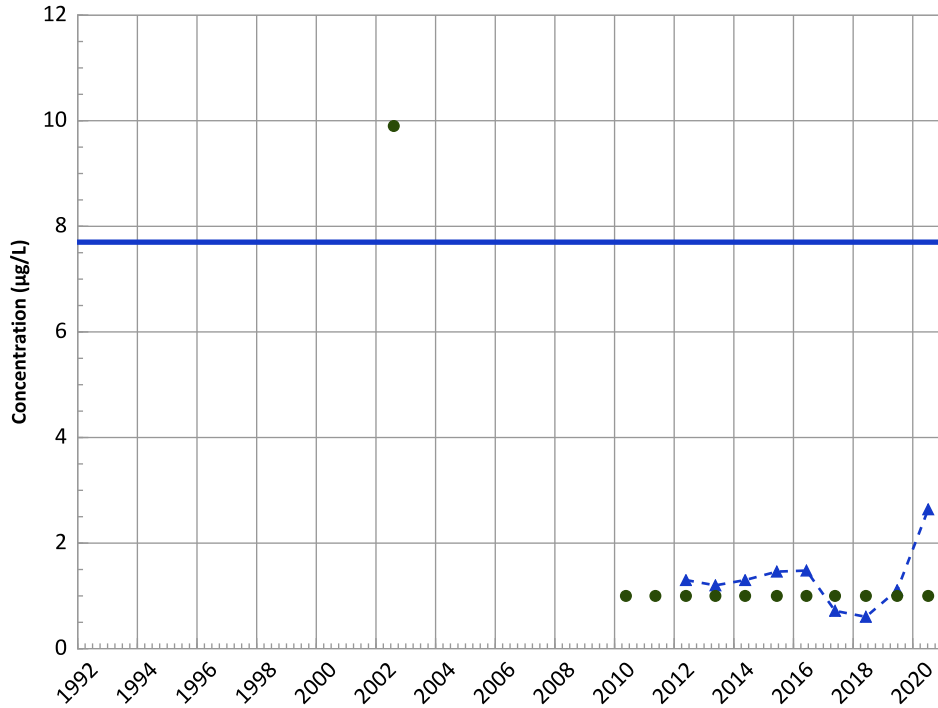
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

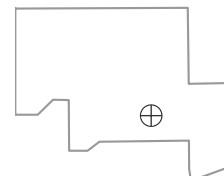
All Data:

No Trend

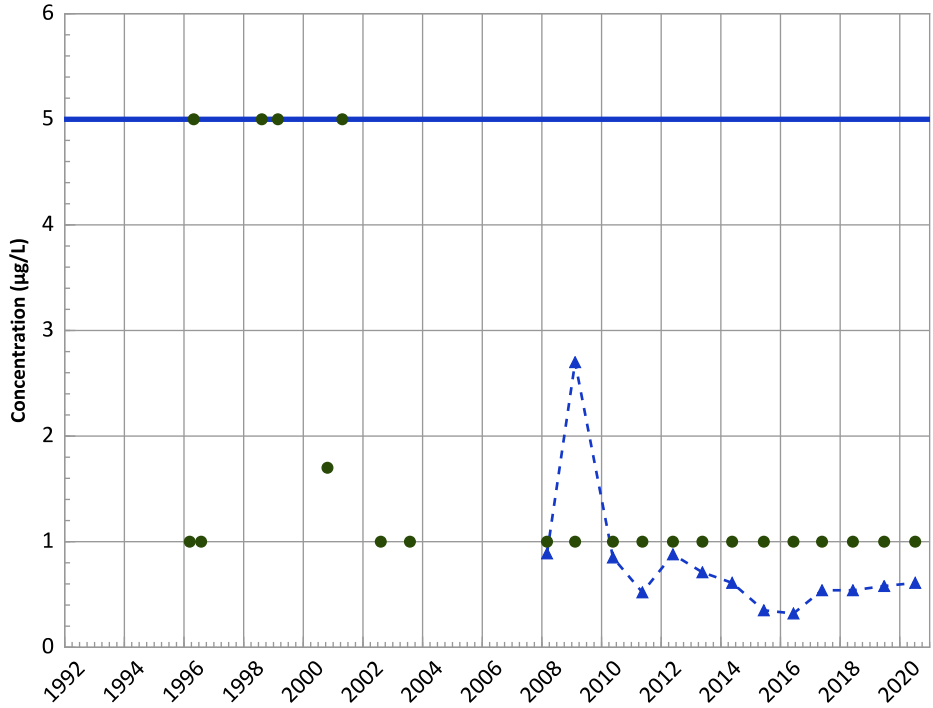
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

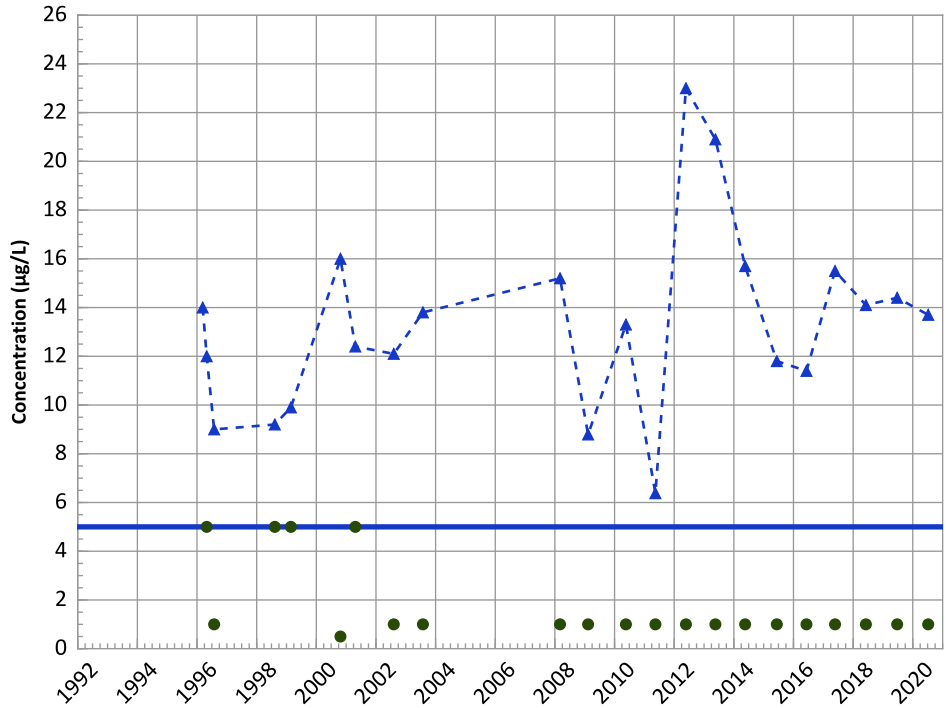
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

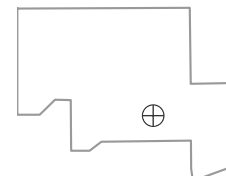
All Data:

Probably Increasing

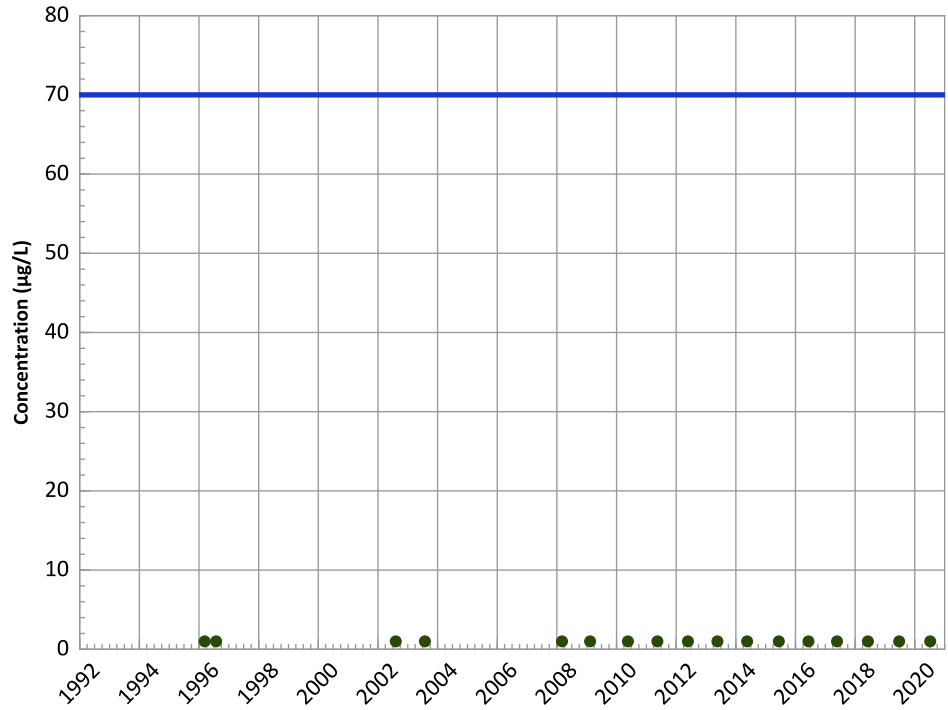
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

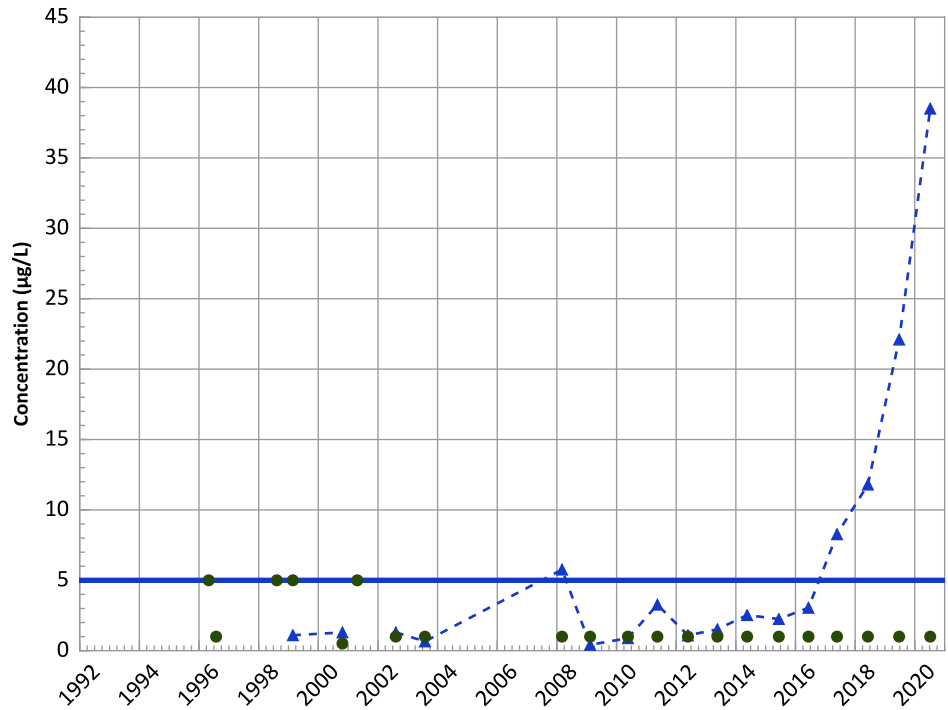
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

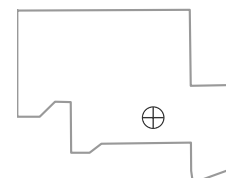
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

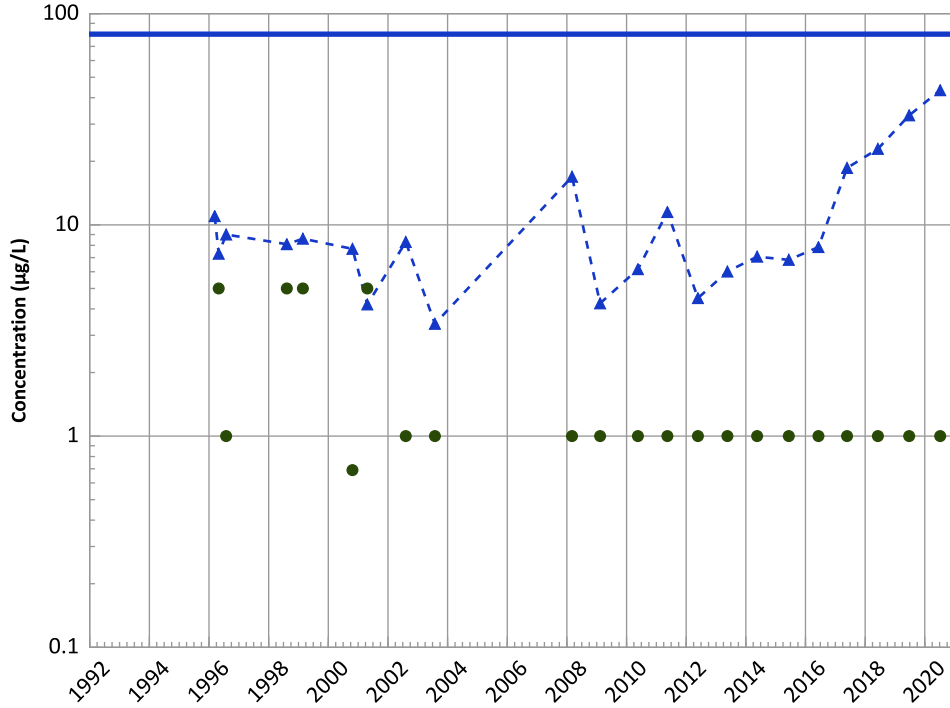
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

MAROS Linear Regression Method

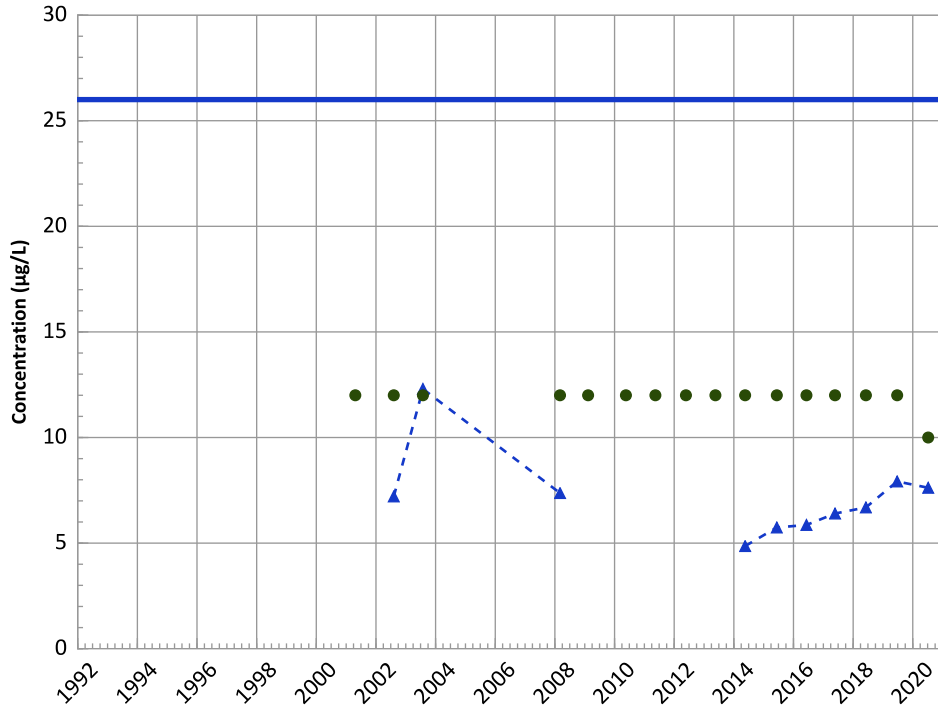
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

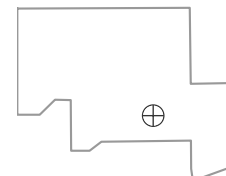
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

Well Location

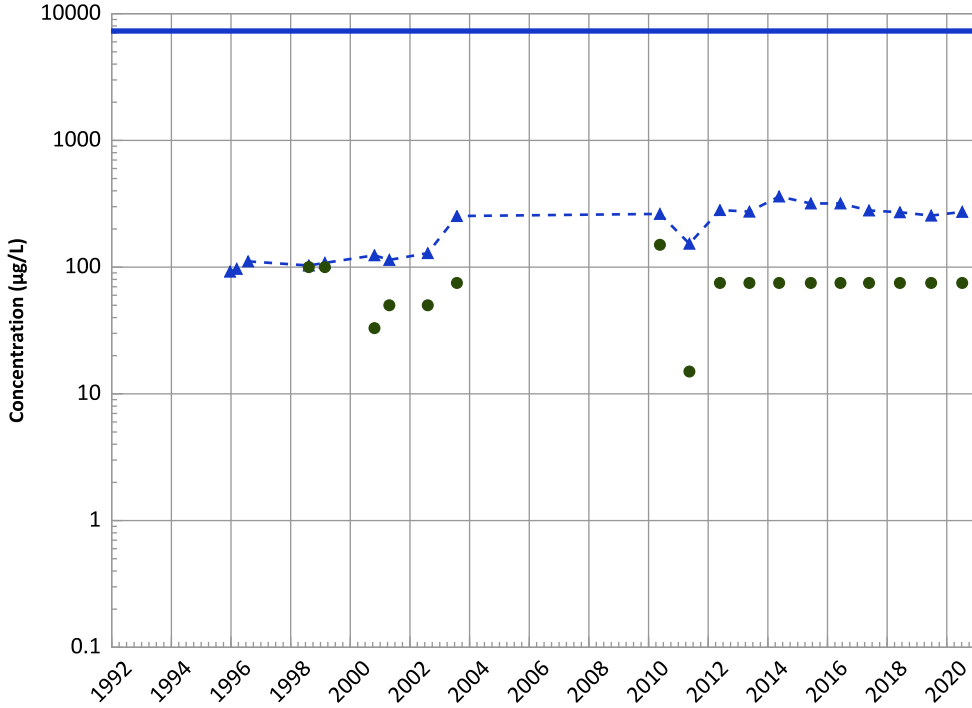


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

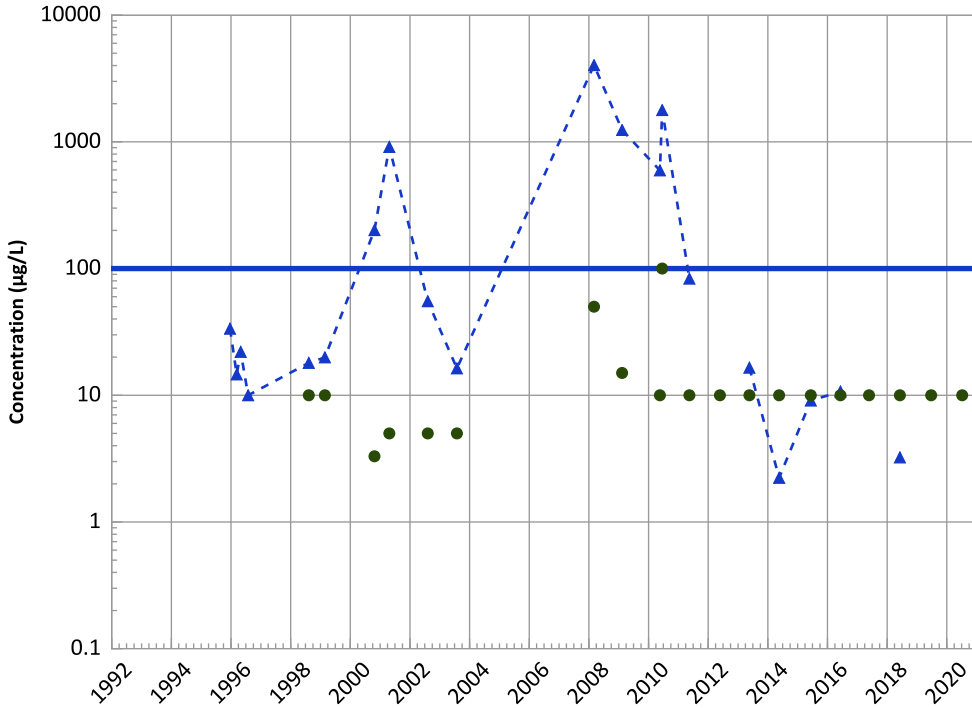
2018 - 2020 Data:

Increasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

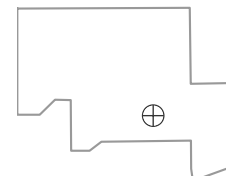
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

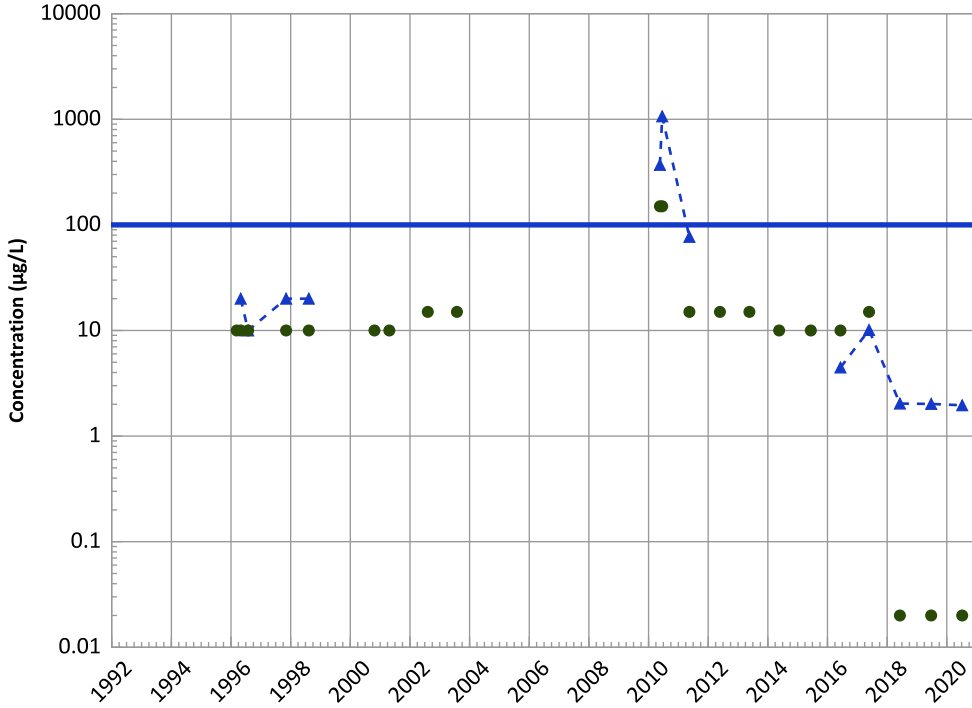


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

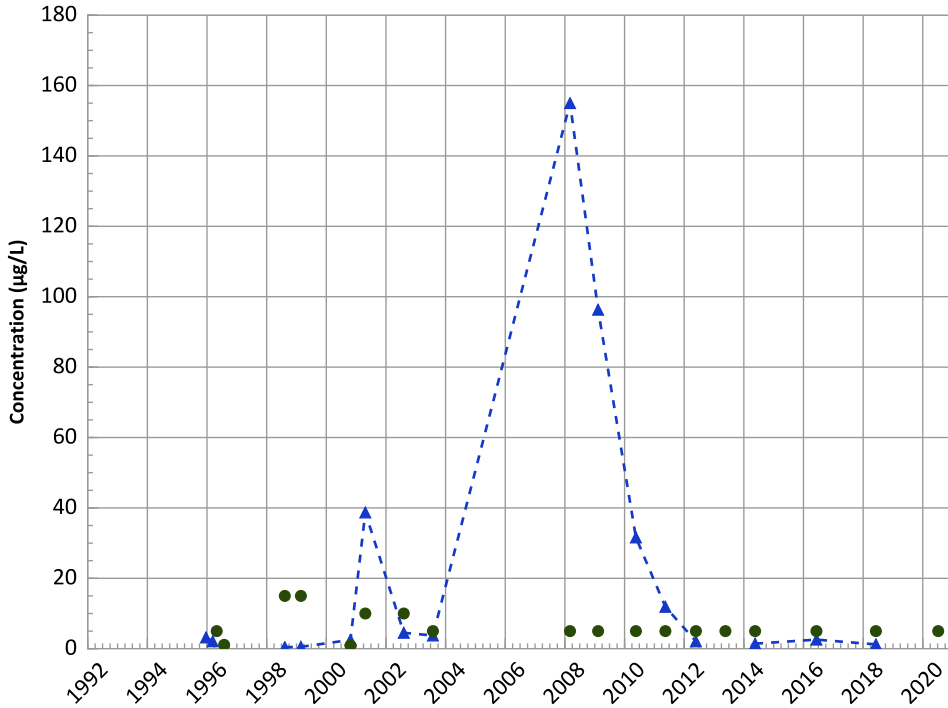
2018 - 2020 Data:

No Trend

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

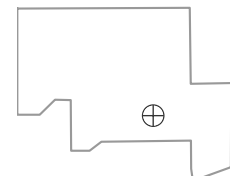
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

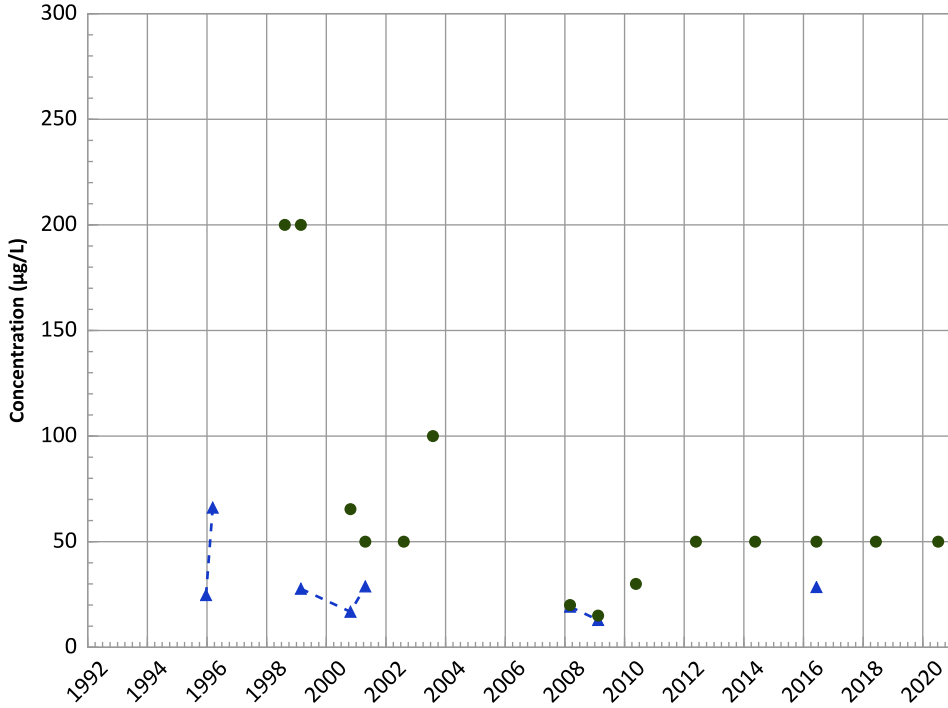


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

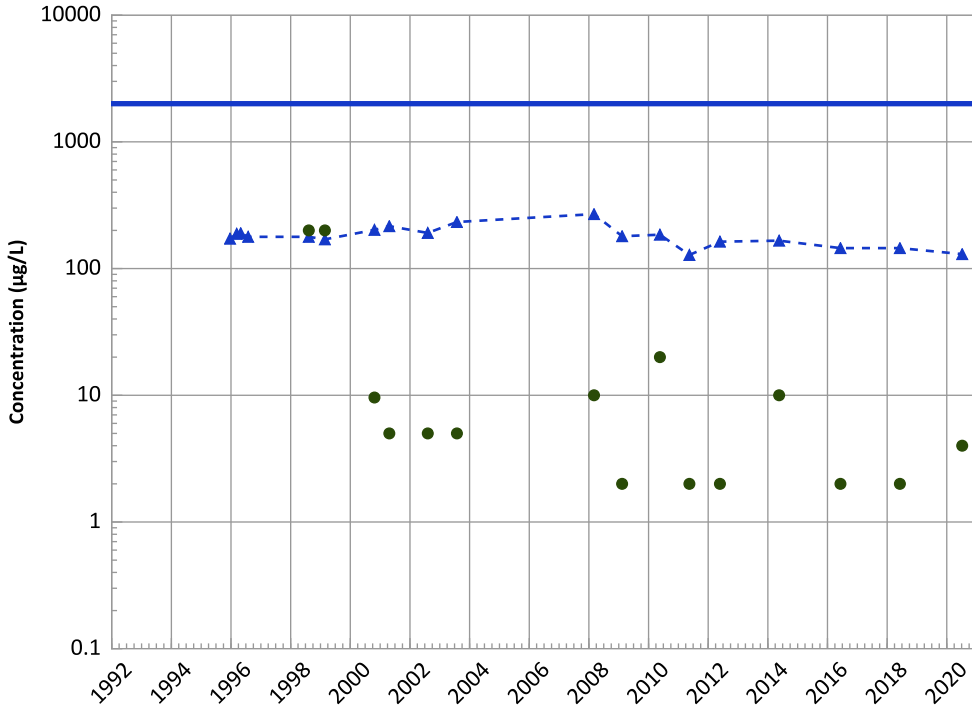


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Probably Decreasing

Barium Trend



Concentration Trend

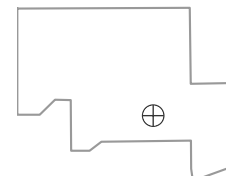
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

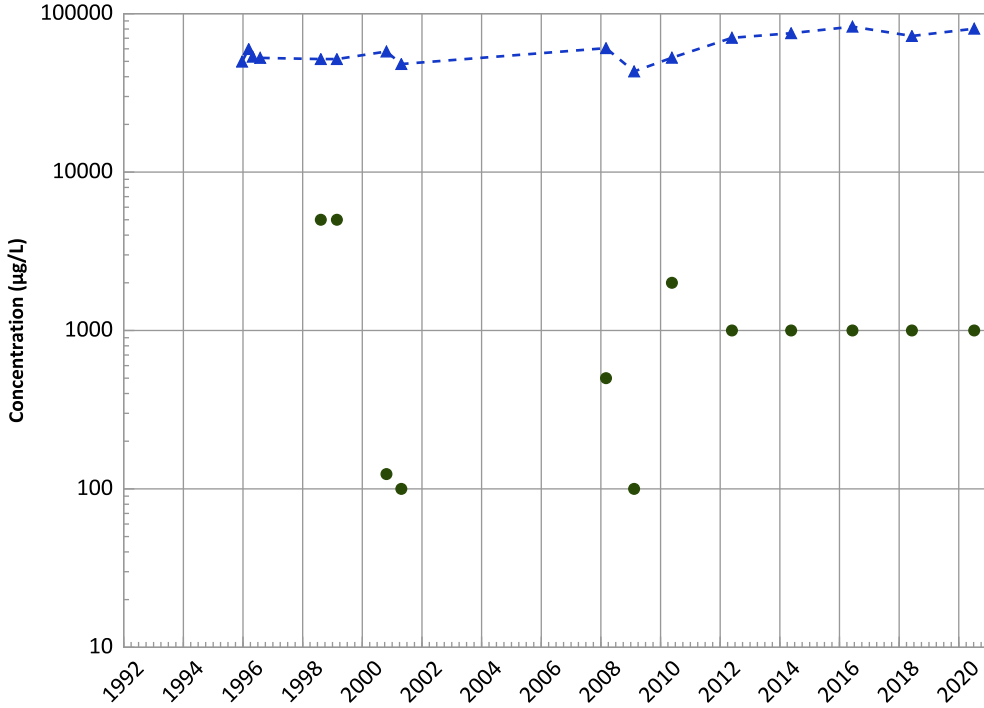
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

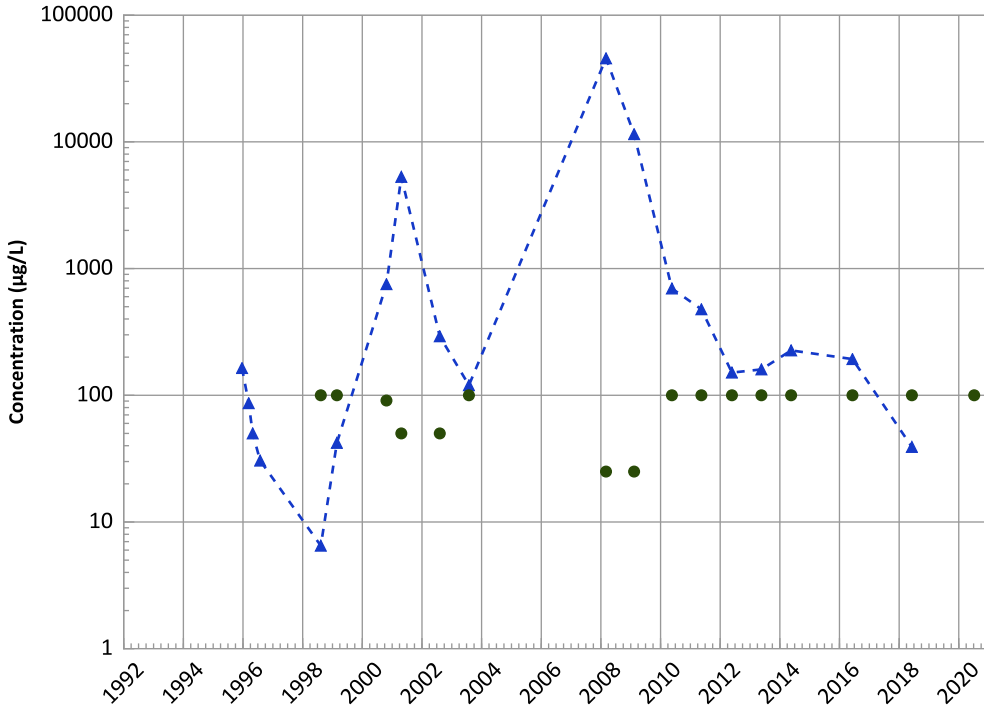
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

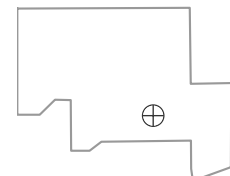
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

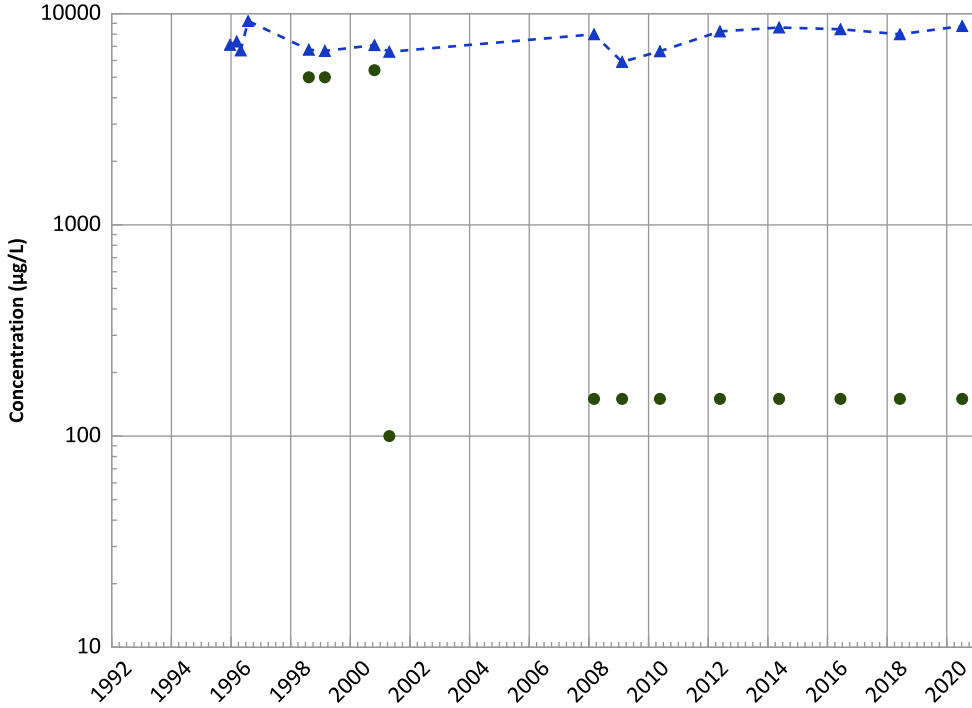
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

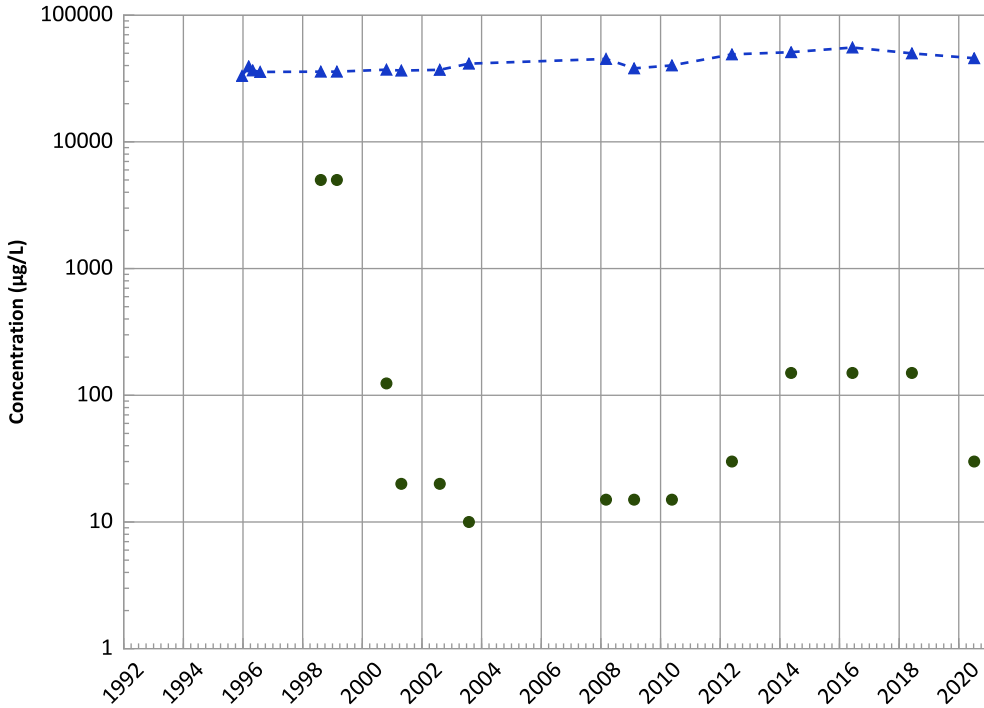
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

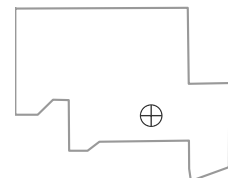
All Data:

Increasing

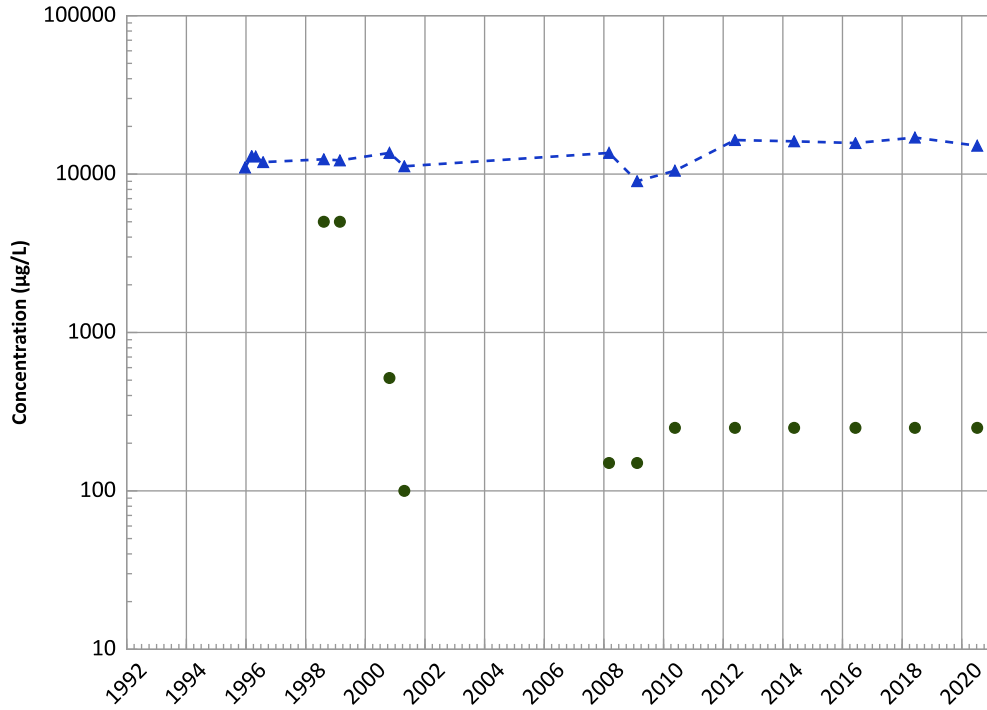
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 12/20/1995 to 07/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

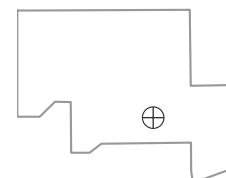
All Data:

Increasing

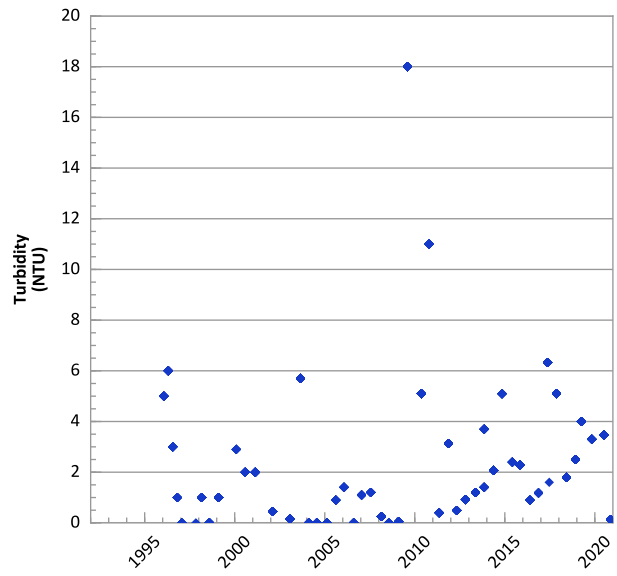
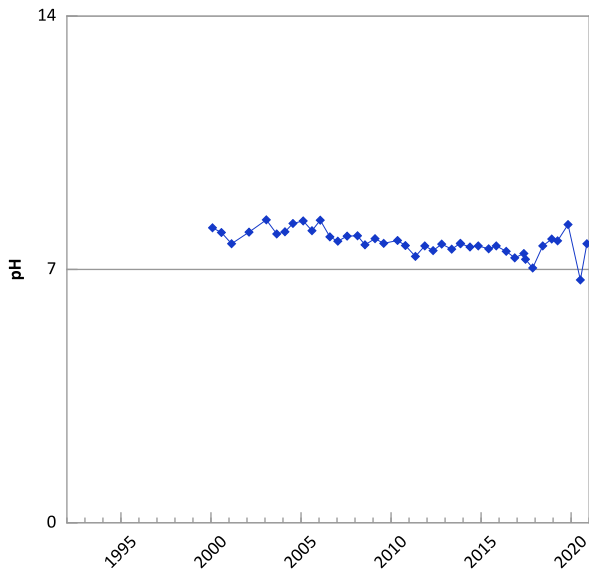
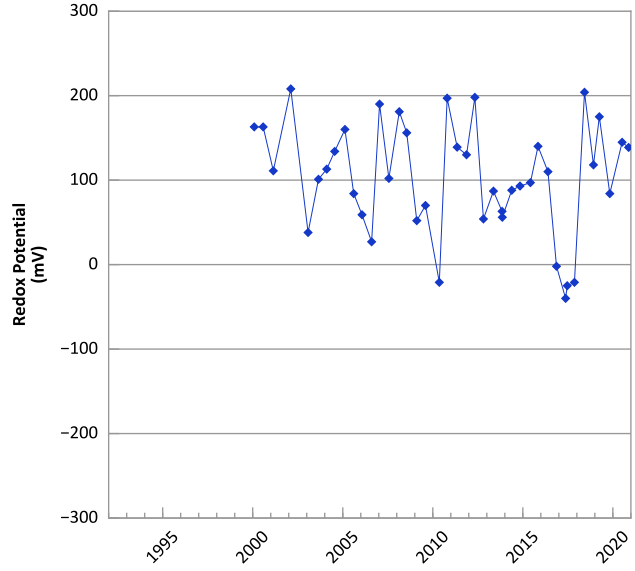
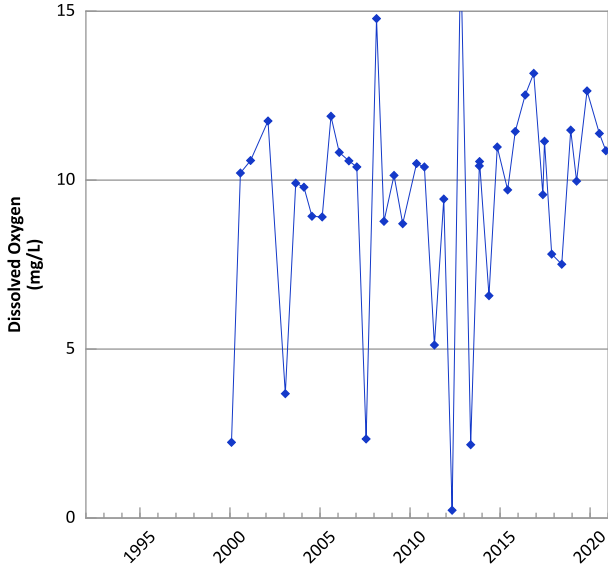
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 12/20/1995 to 07/08/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

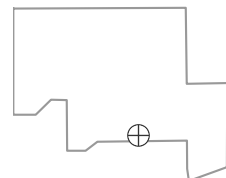


**PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



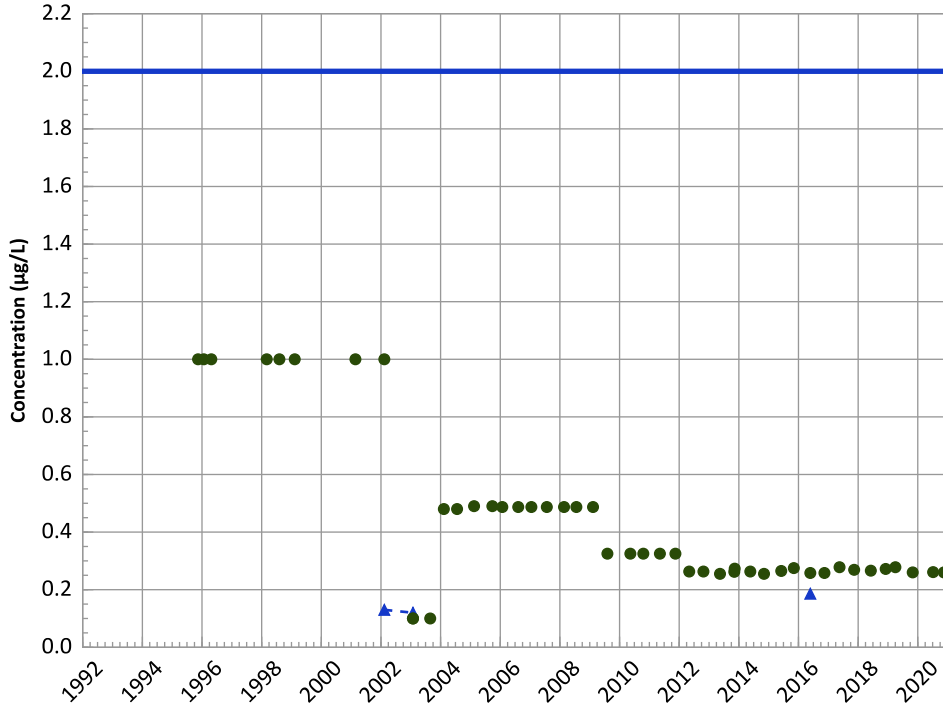
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

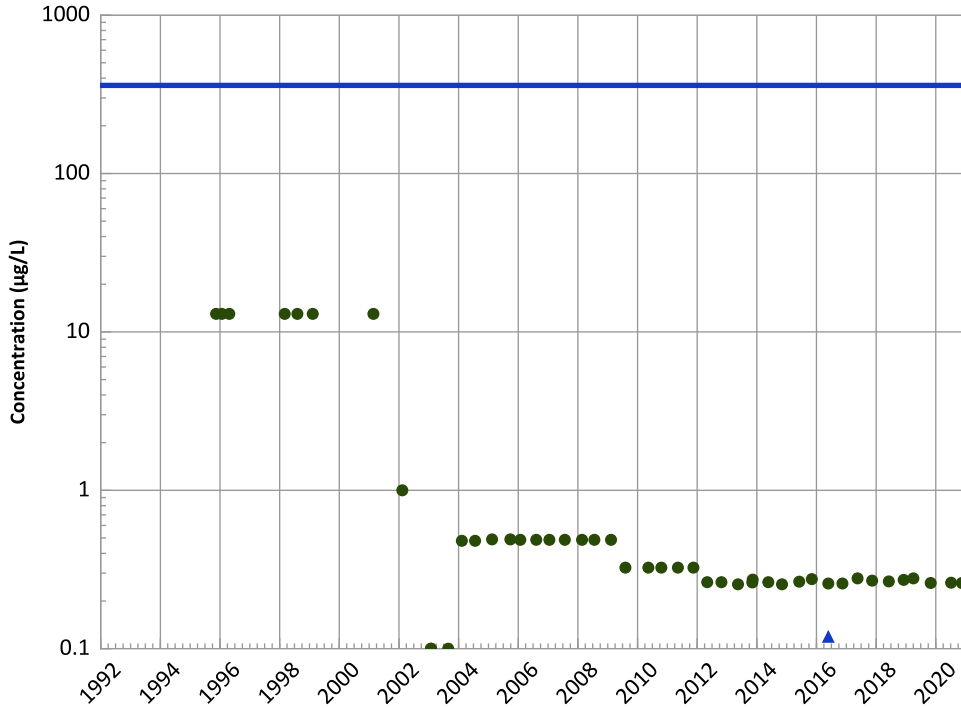
2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

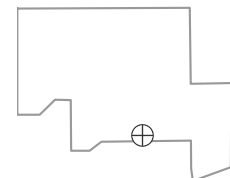
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

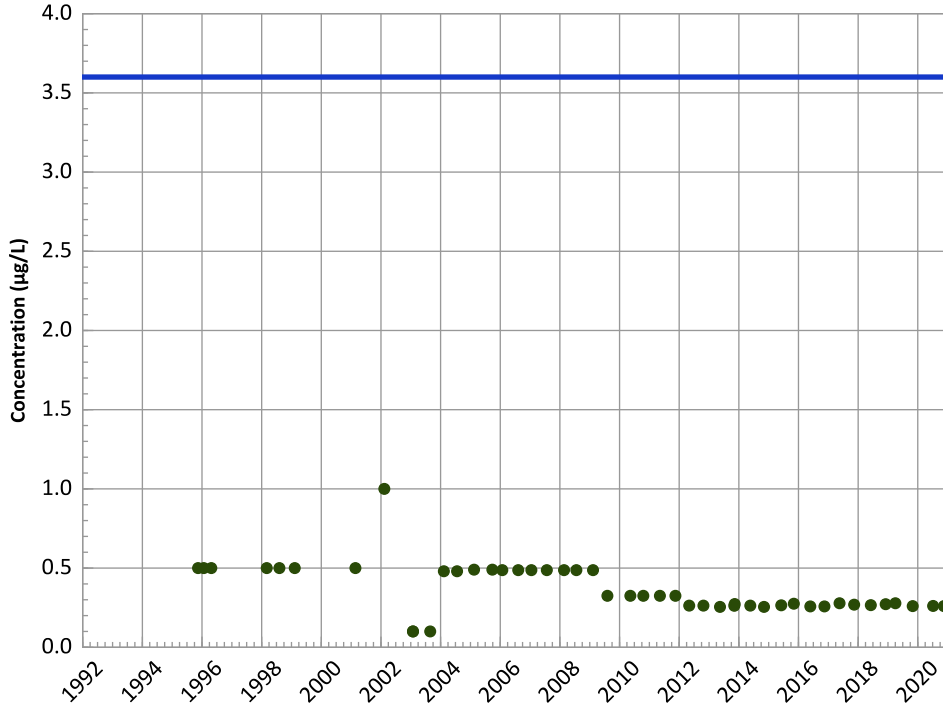
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

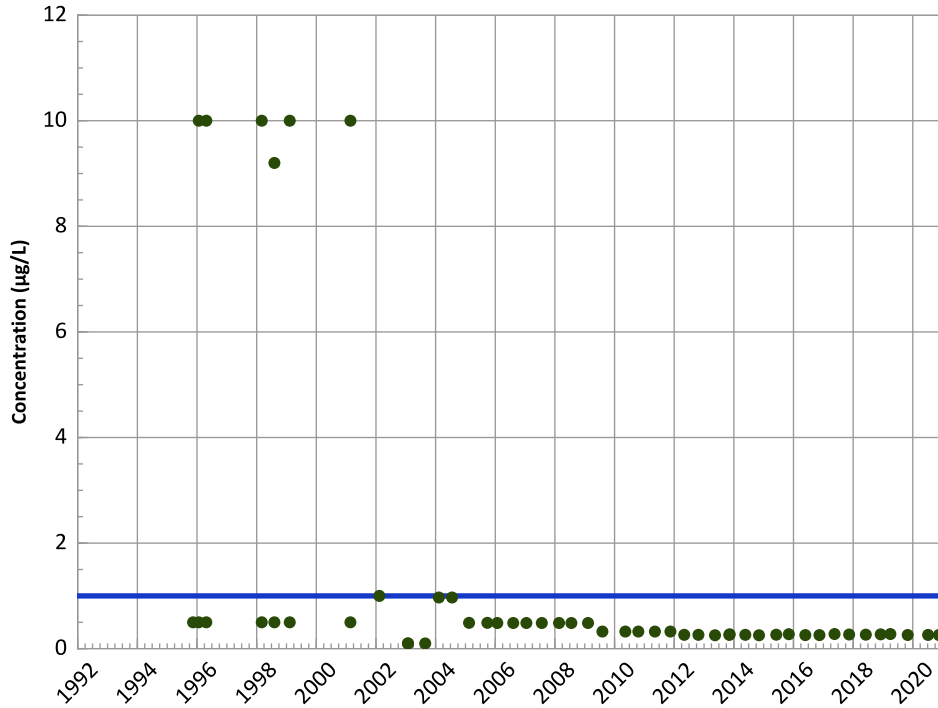
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

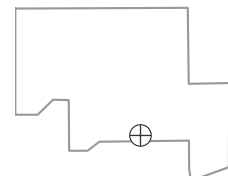
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

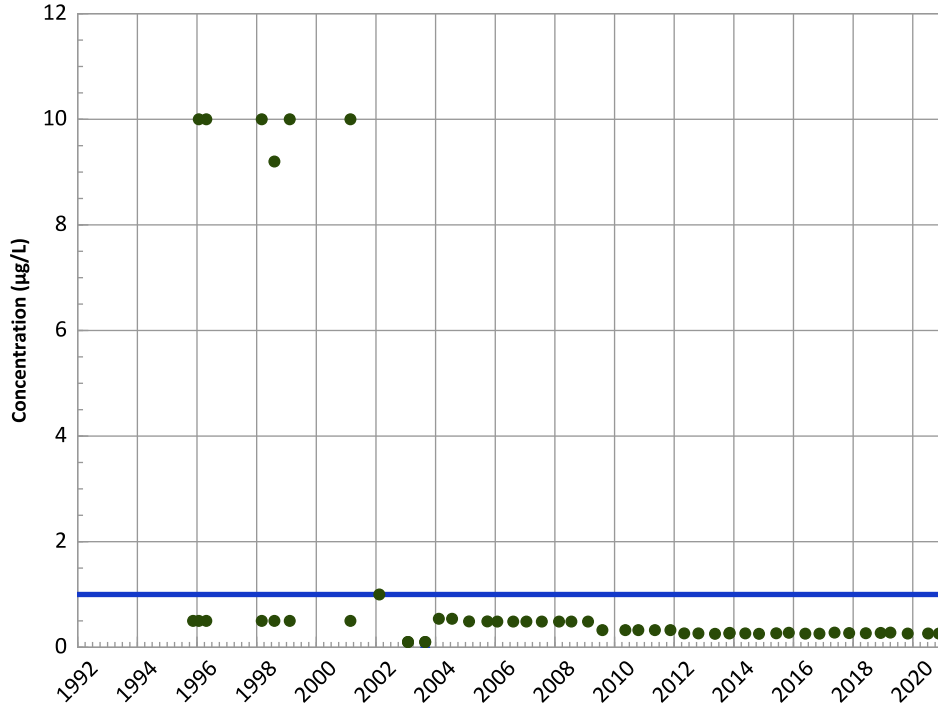
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

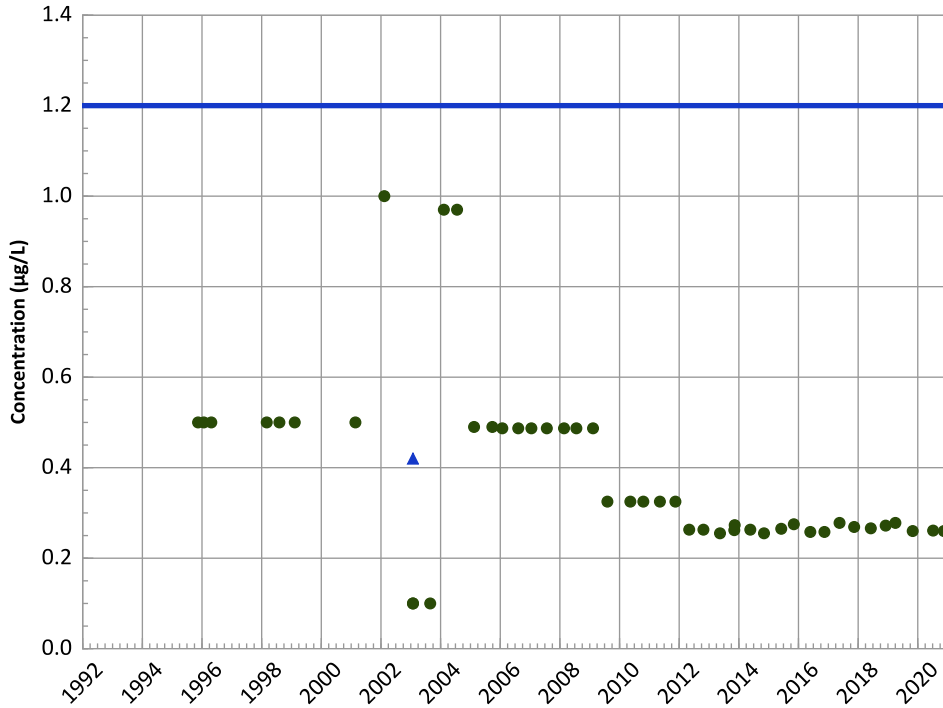
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

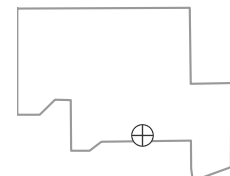
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

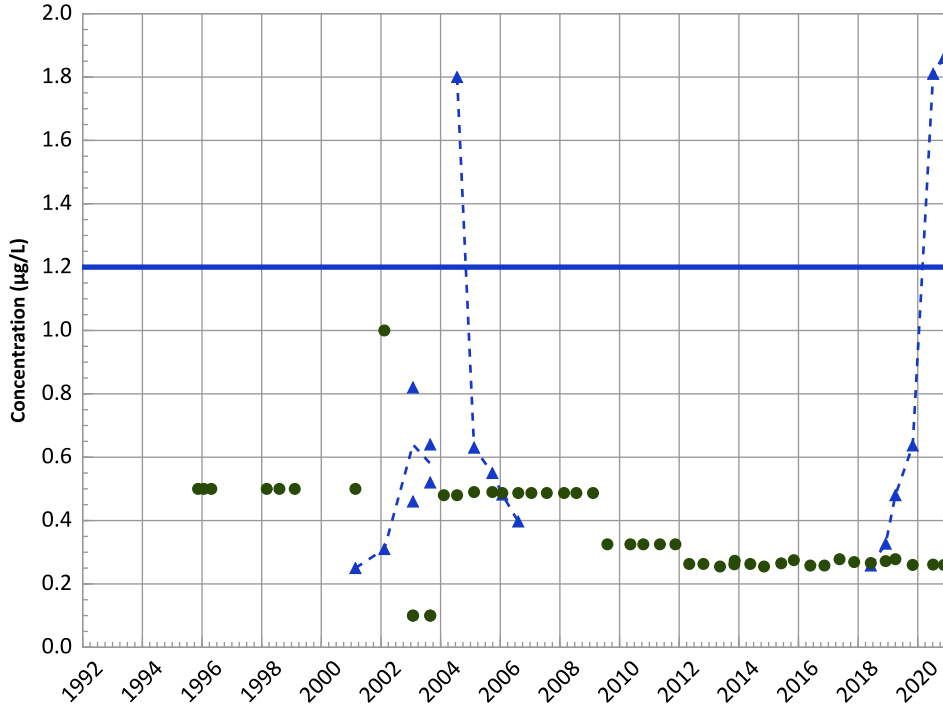


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

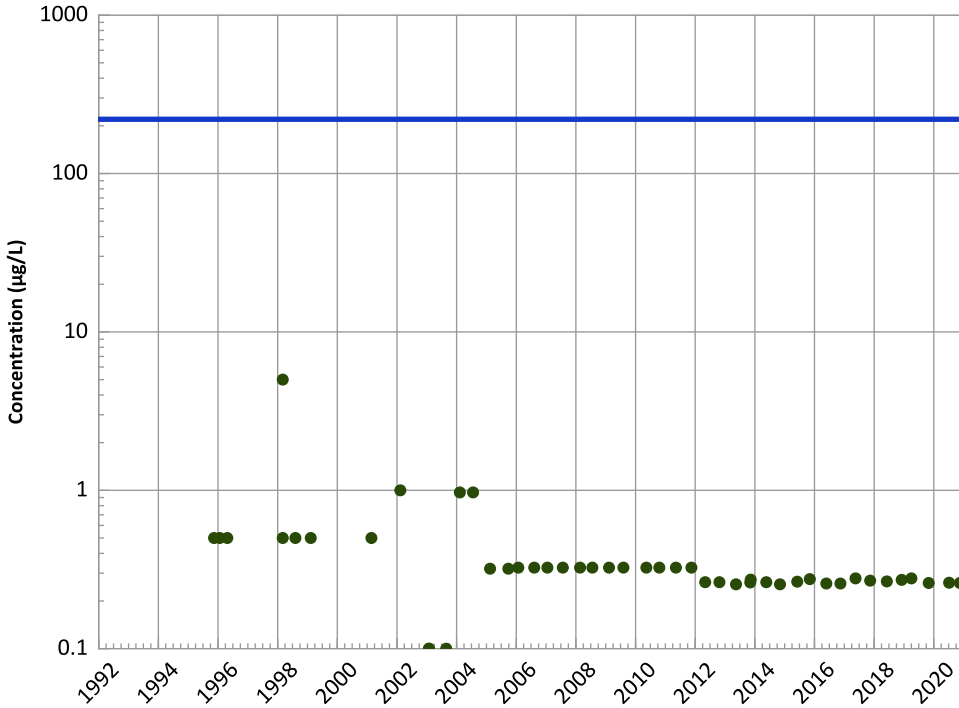
2018 - 2020 Data:

Probably Increasing

All Data:

Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

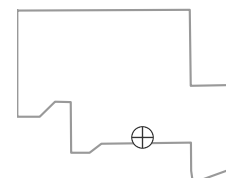
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

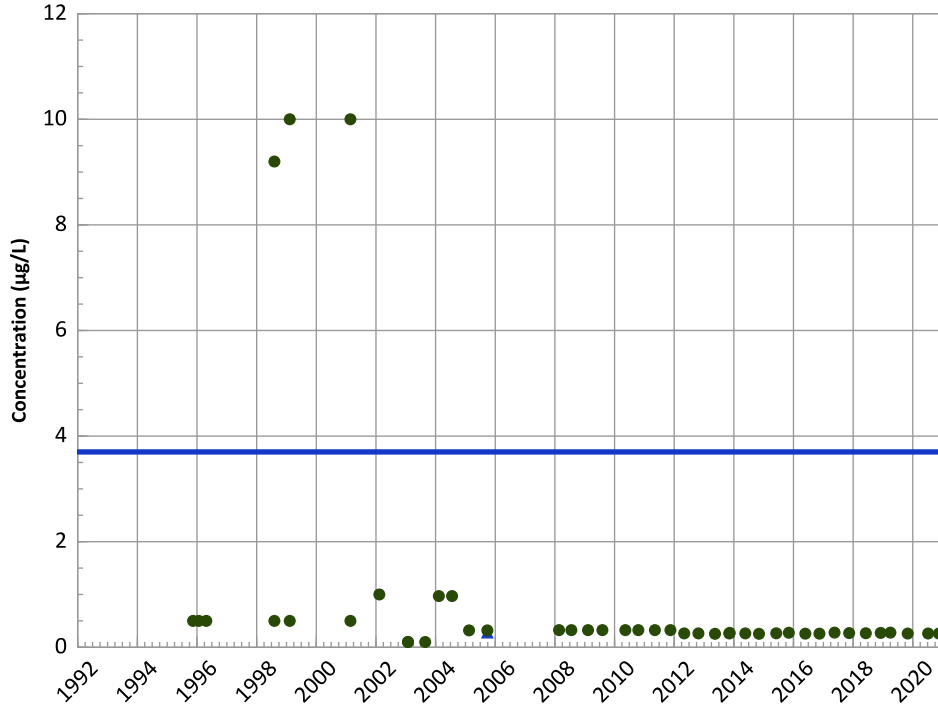
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

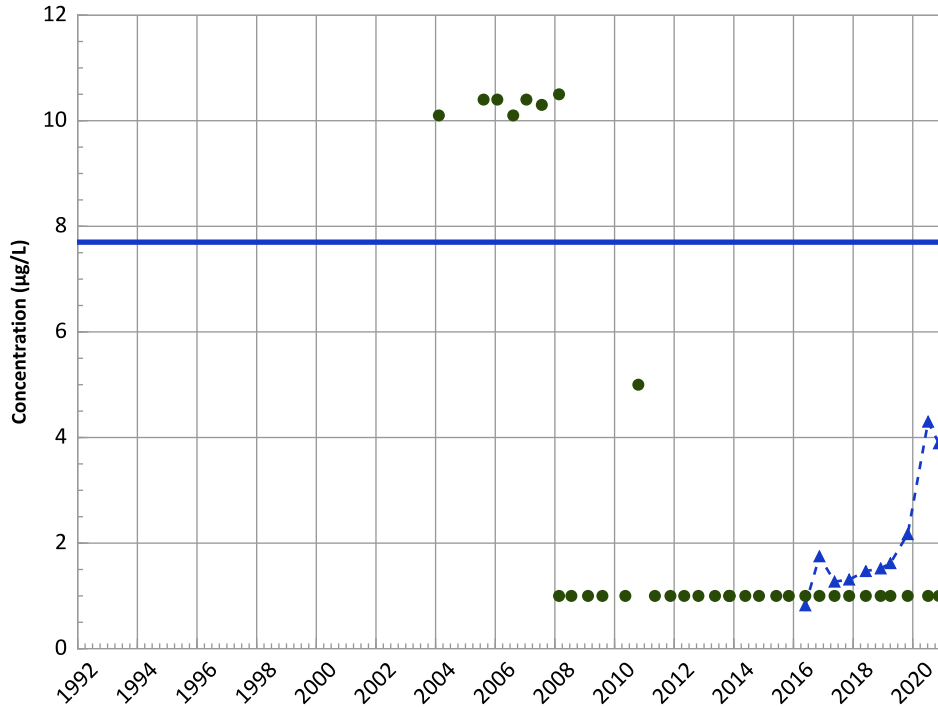
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

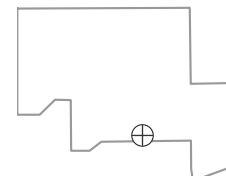
All Data:

Increasing

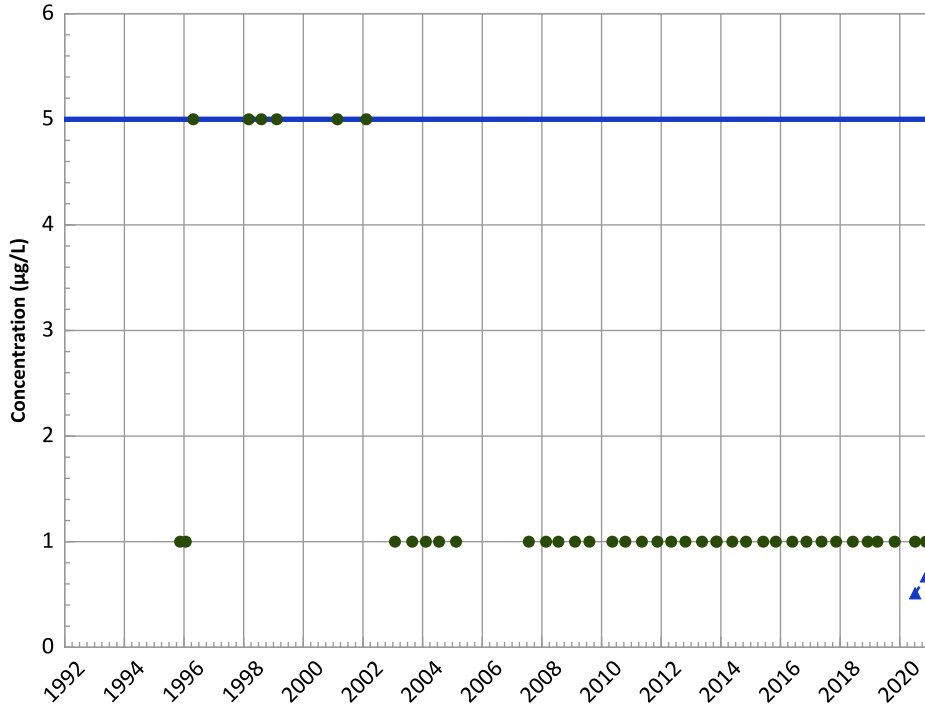
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

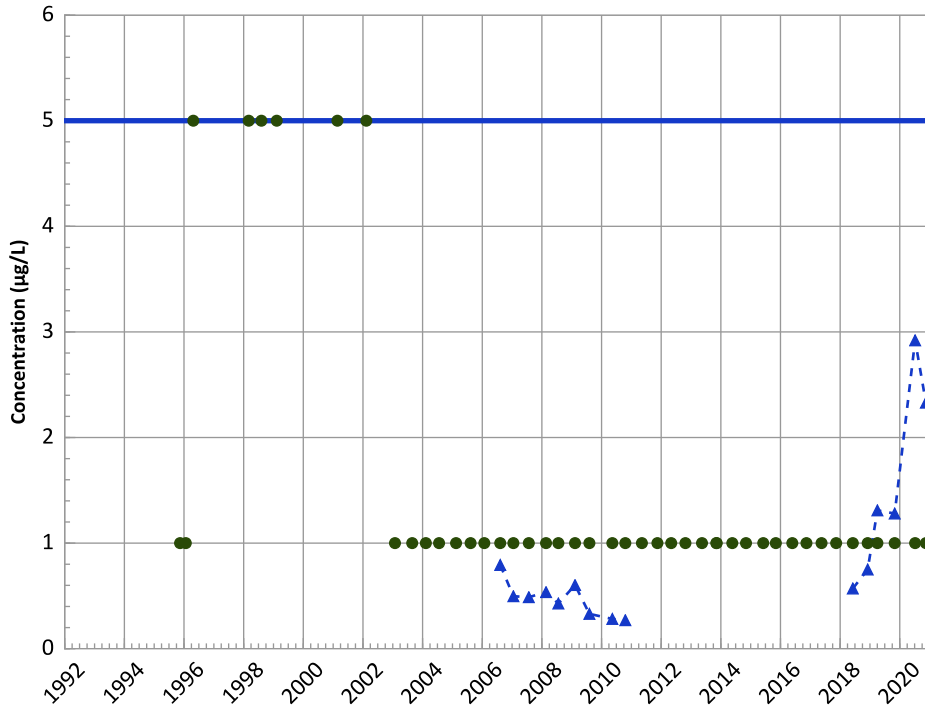
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

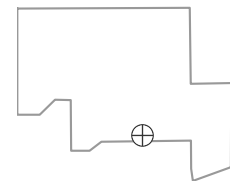
2018 - 2020 Data:

No Trend

All Data:

Increasing

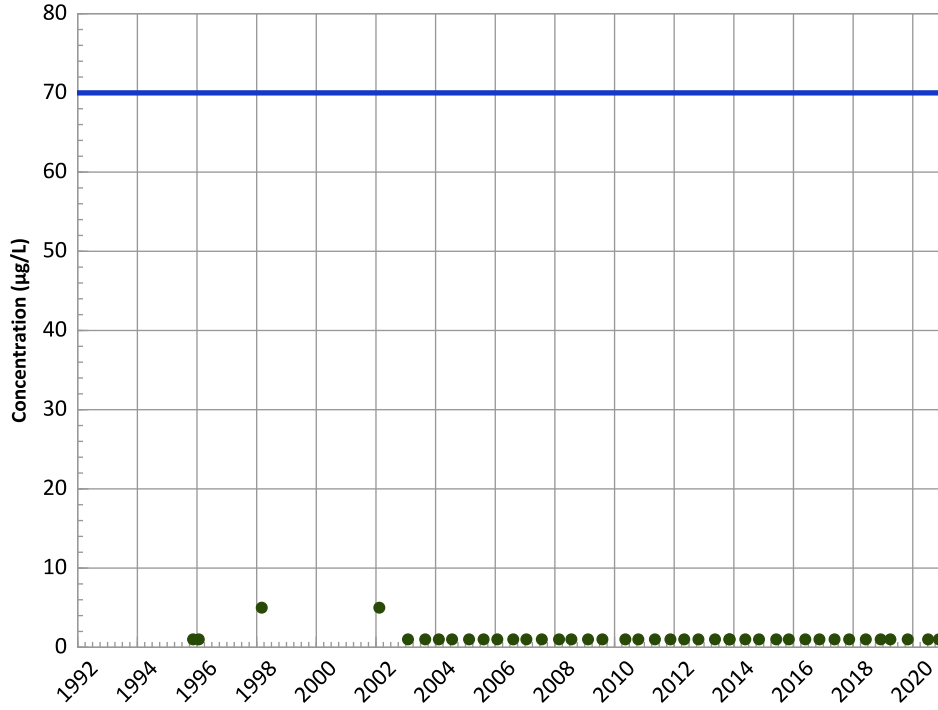
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

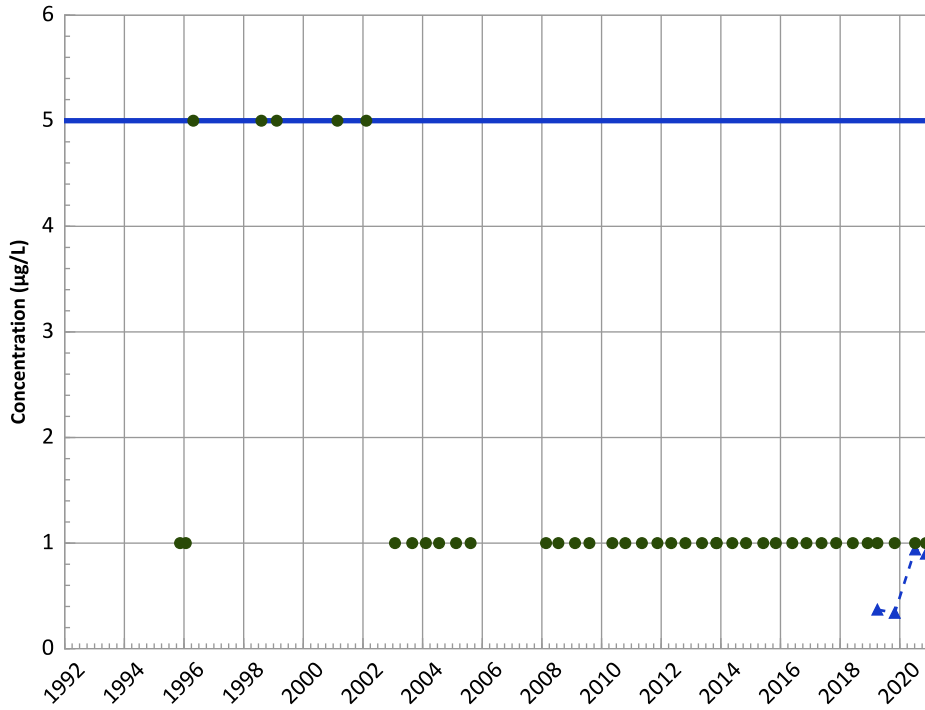
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

All Data:
Decreasing

MAROS Linear Regression Method

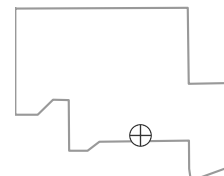
2018 - 2020 Data:
Probably Increasing

All Data:
Probably Increasing

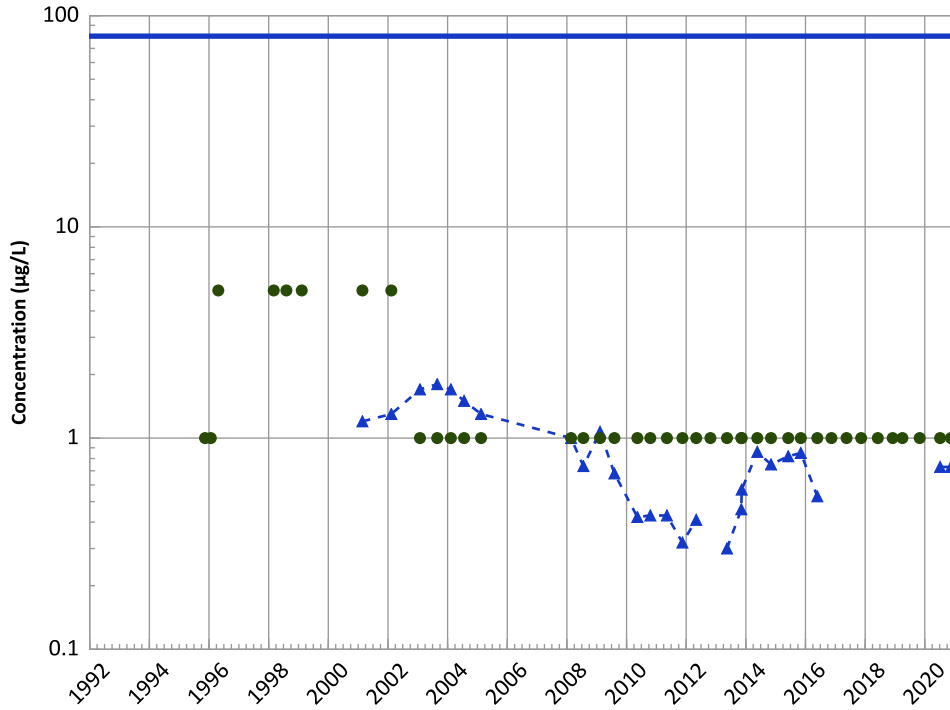
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend

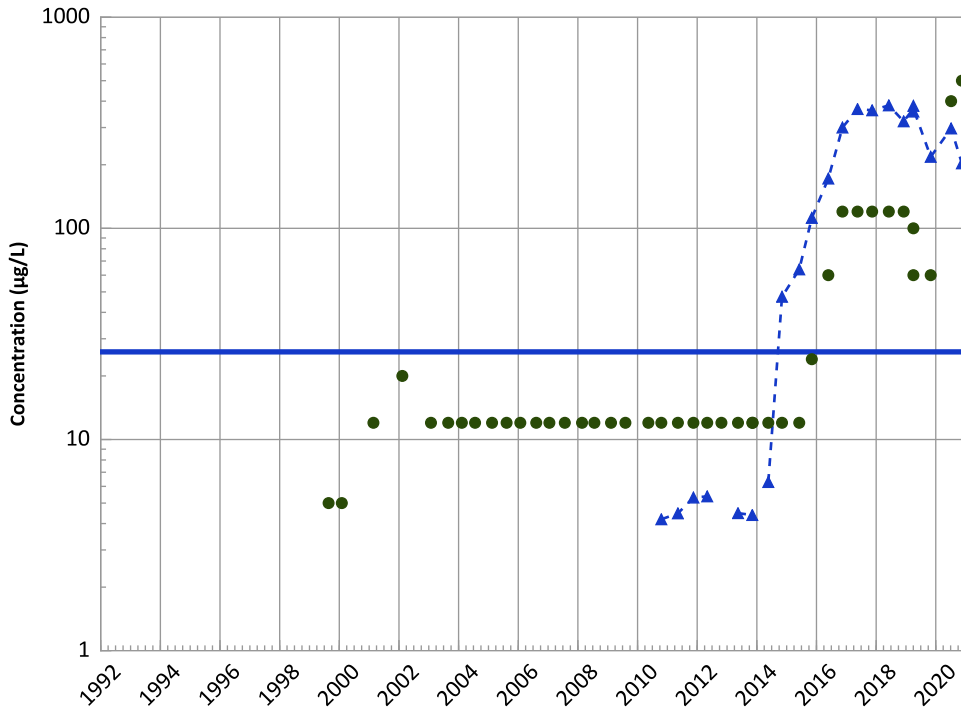


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Perchlorate Trend

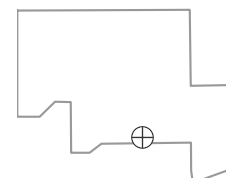


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Increasing

Well Location

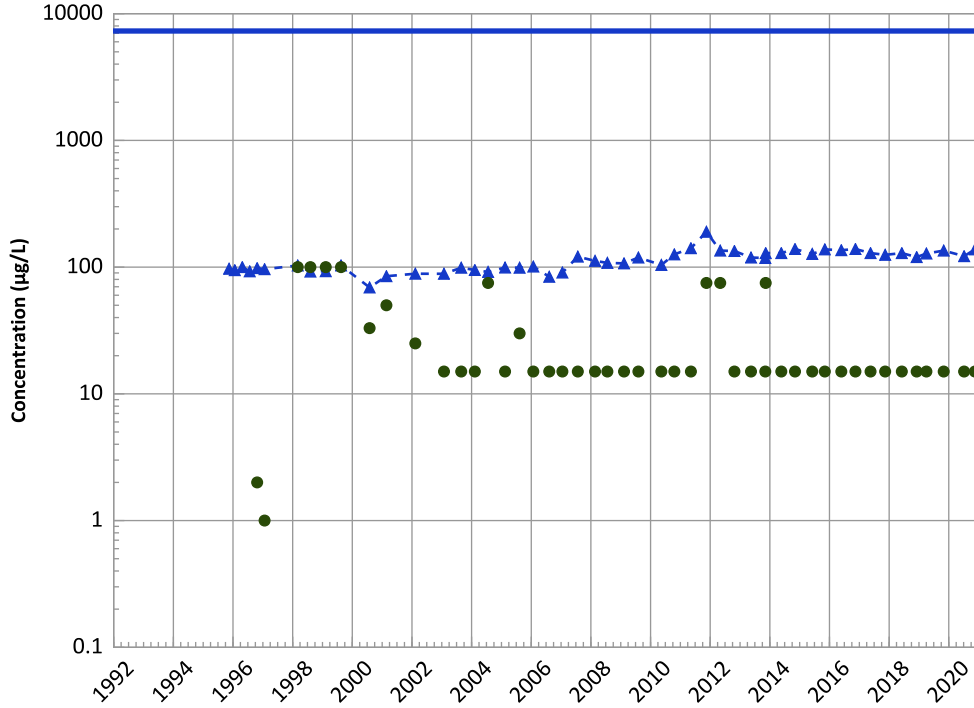


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

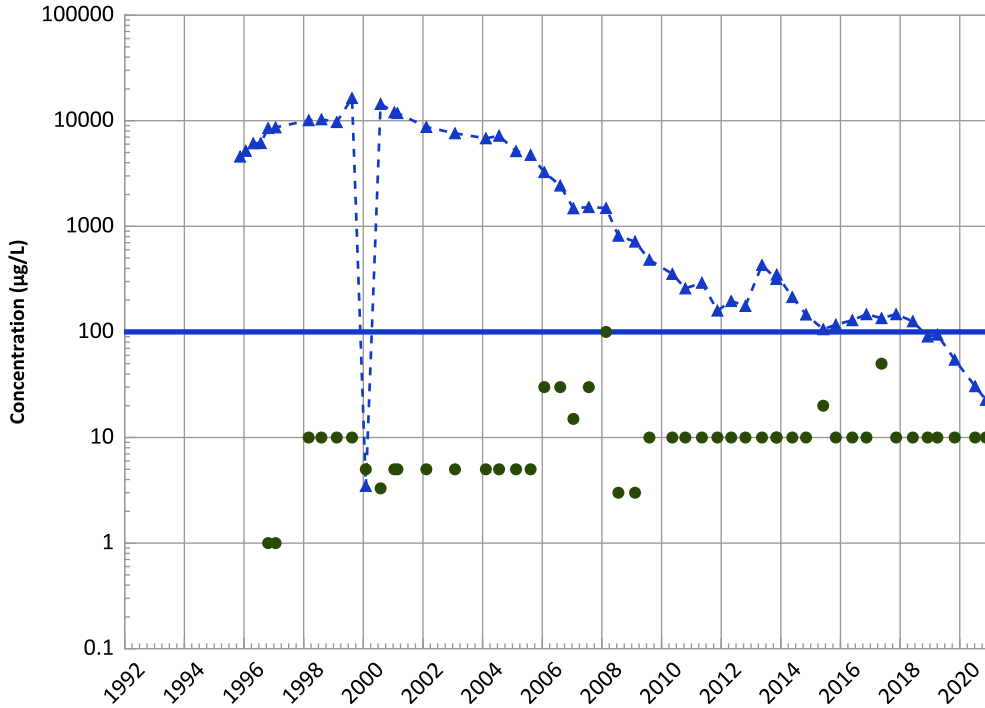
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

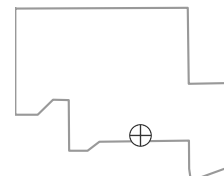
All Data:

Decreasing

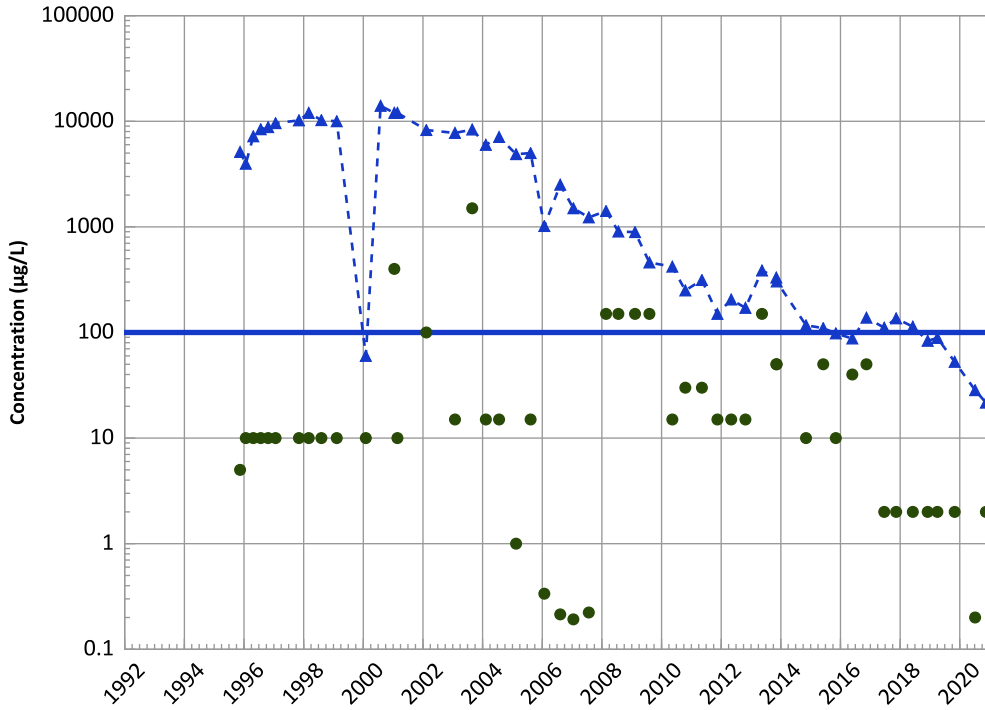
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chromium, Hexavalent Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

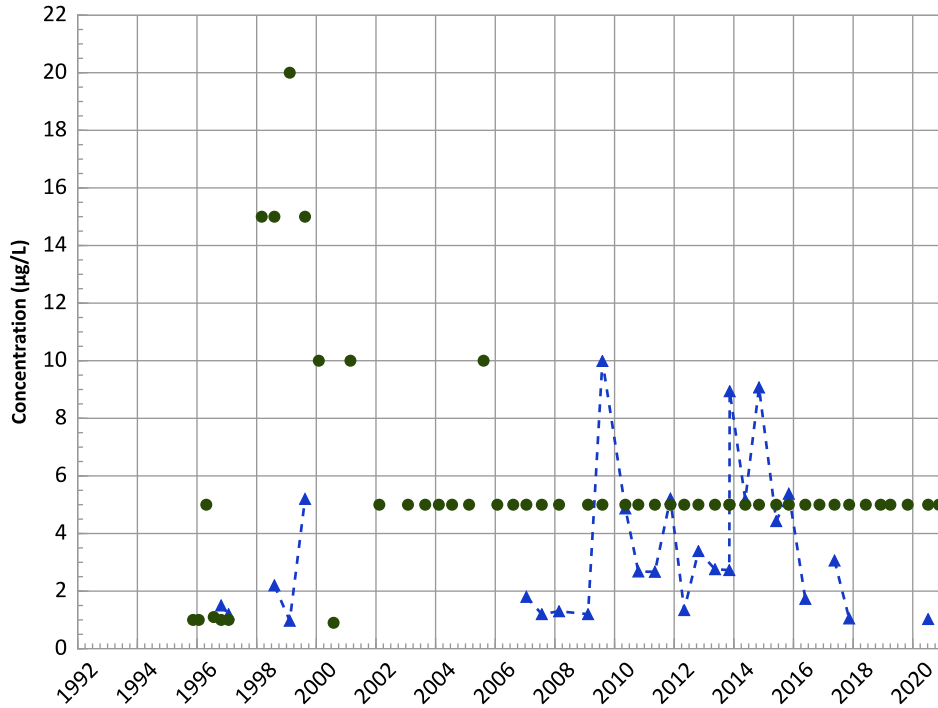
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
Increasing

MAROS Linear Regression Method

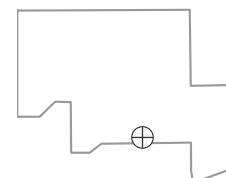
2018 - 2020 Data:
Stable

All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

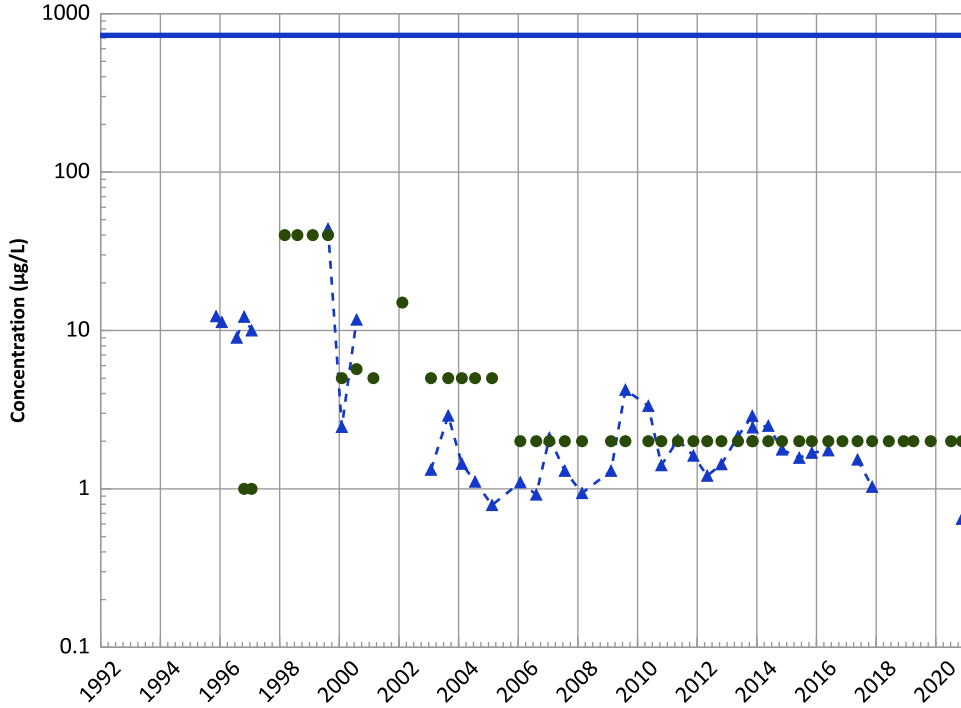
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

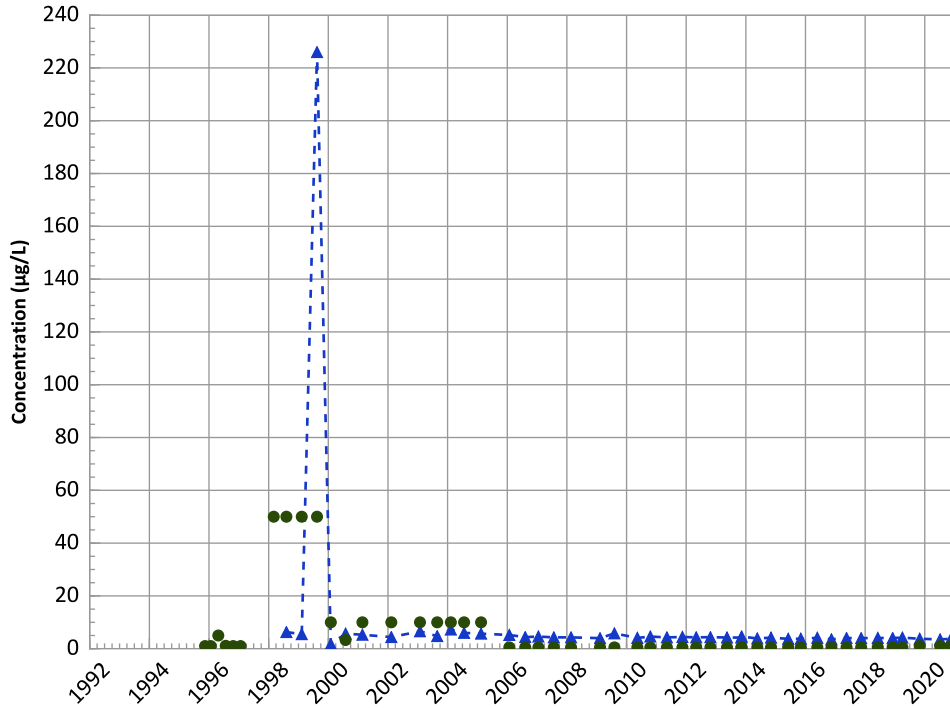


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

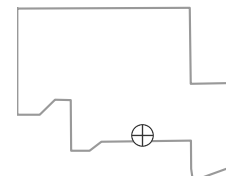
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

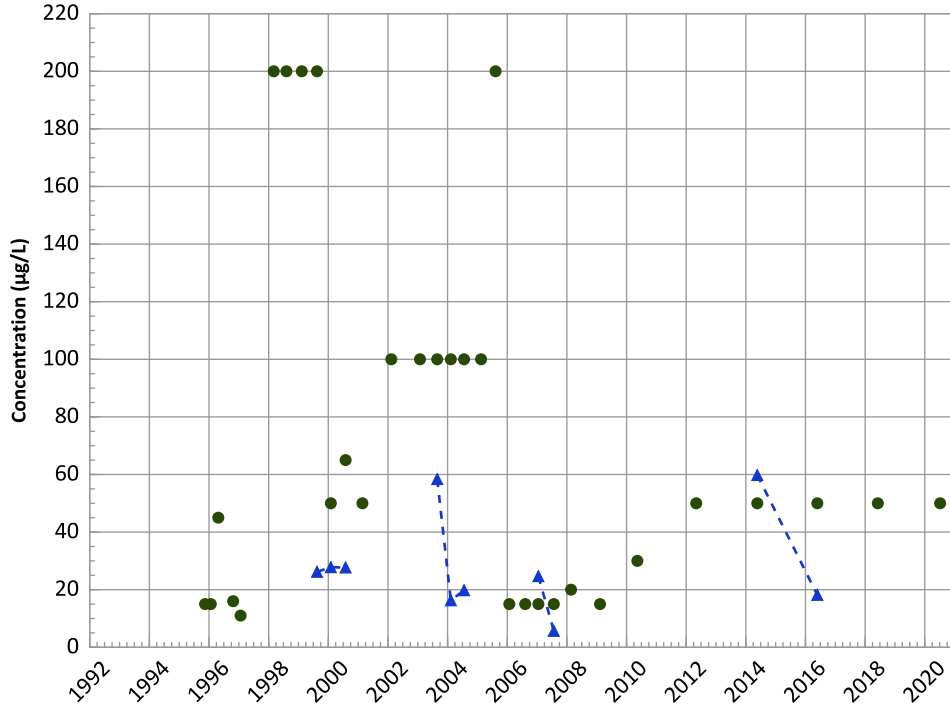
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

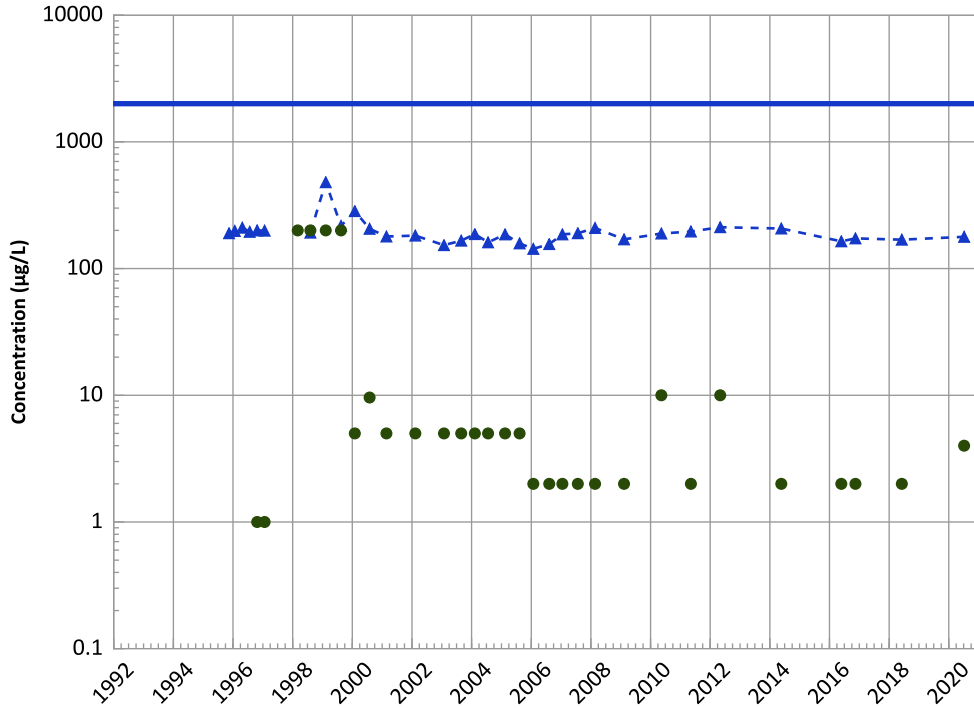


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Decreasing

Barium Trend



Concentration Trend

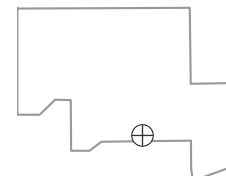
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

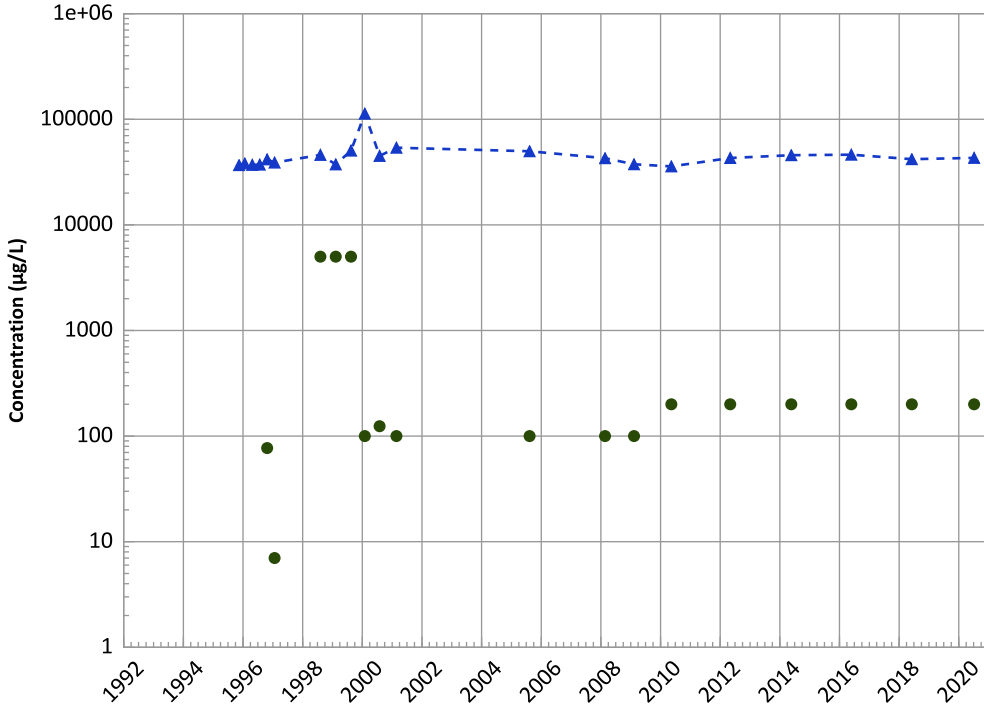
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

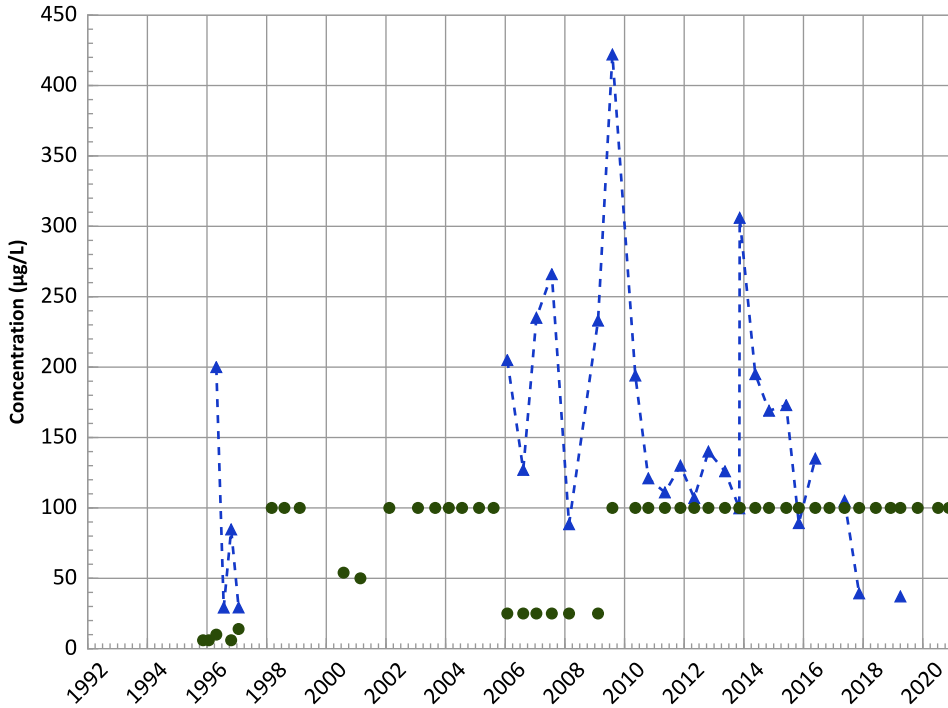
2018 - 2020 Data:

Stable

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

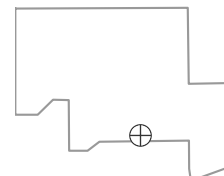
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

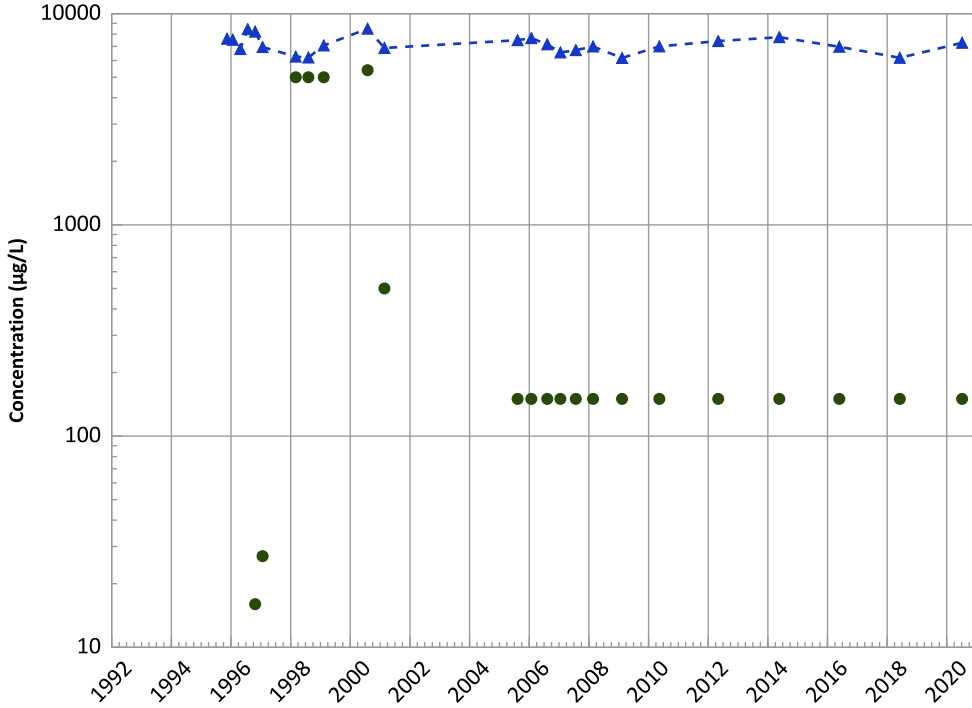
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

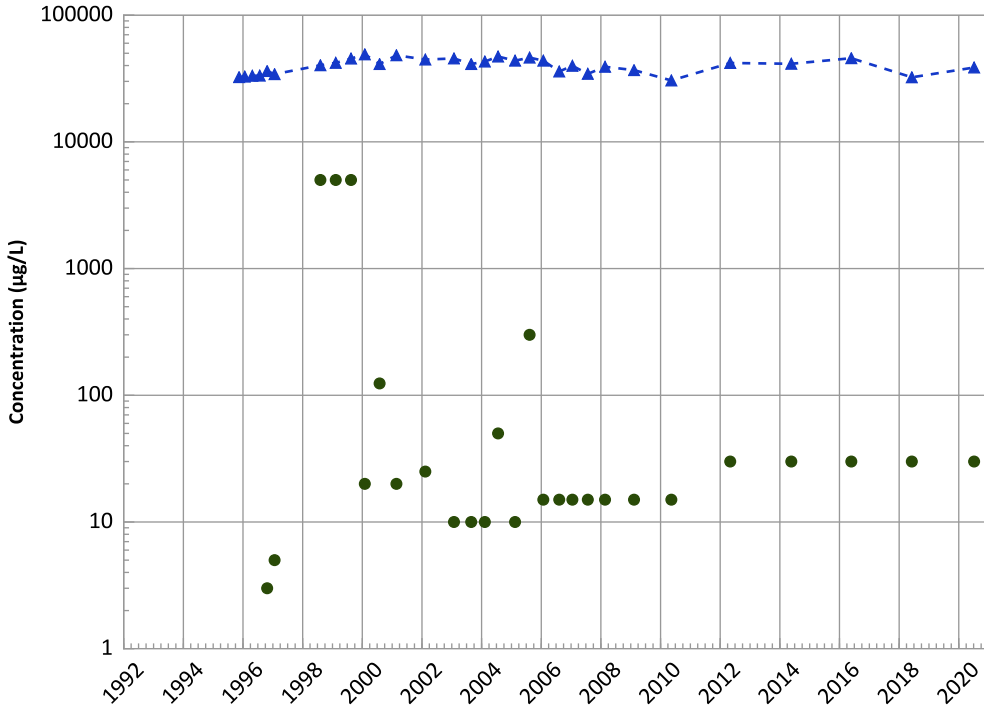
2018 - 2020 Data:

Stable

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

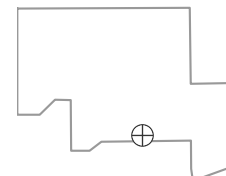
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

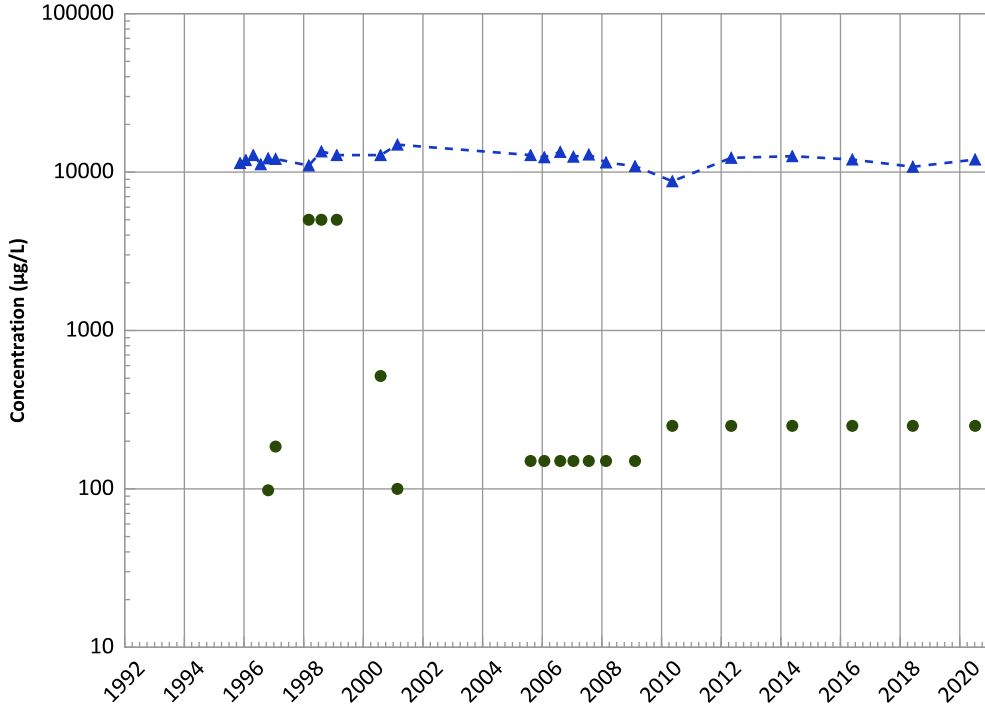
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

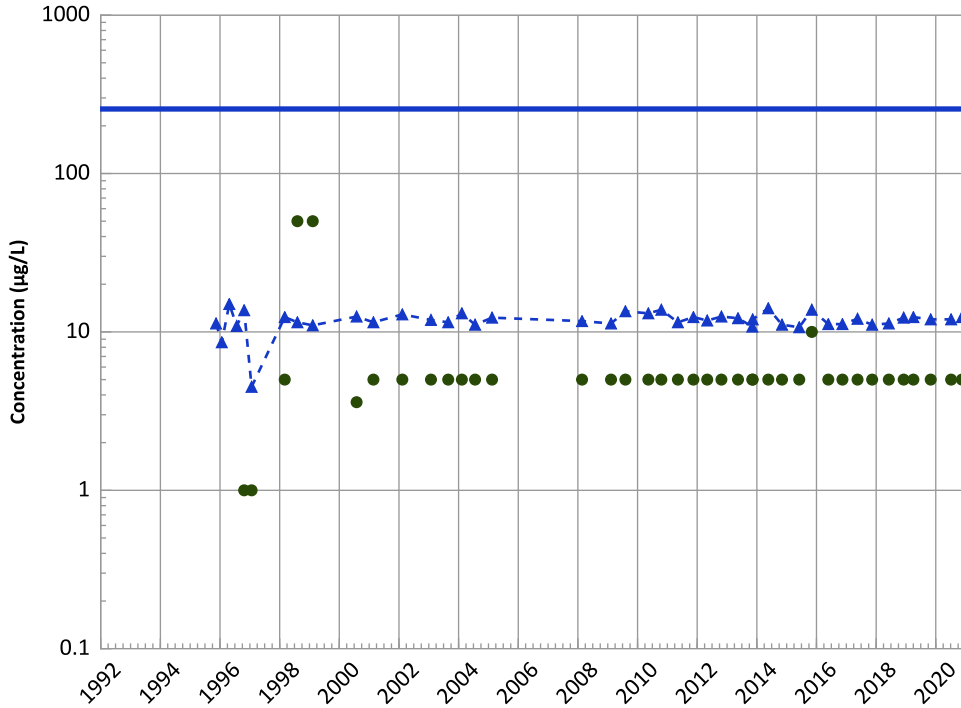
2018 - 2020 Data:

Stable

All Data:

Decreasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

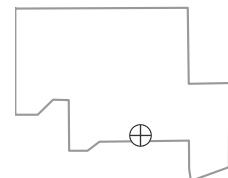
All Data:

Probably Increasing

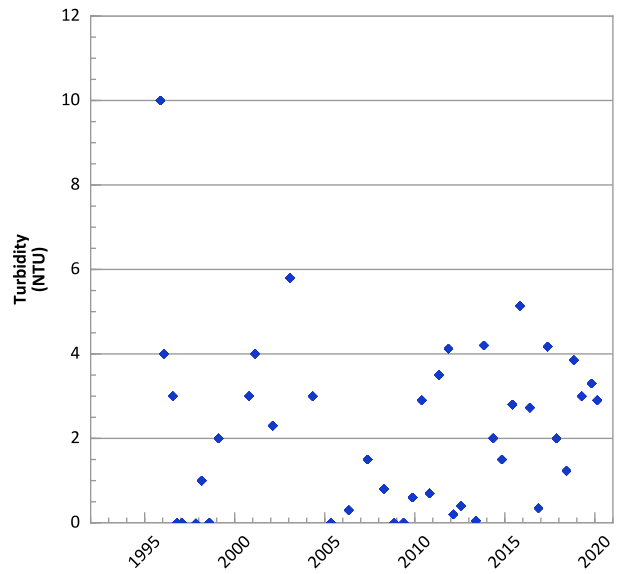
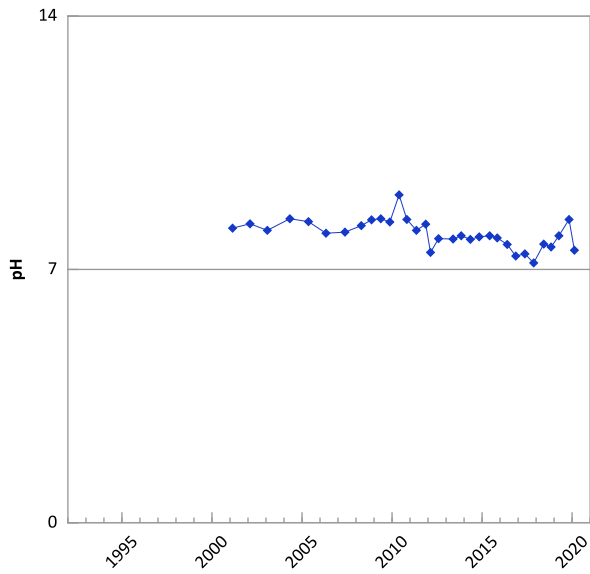
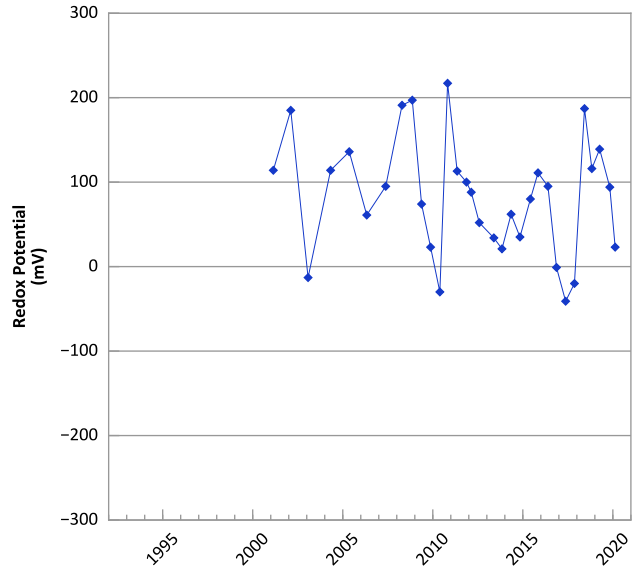
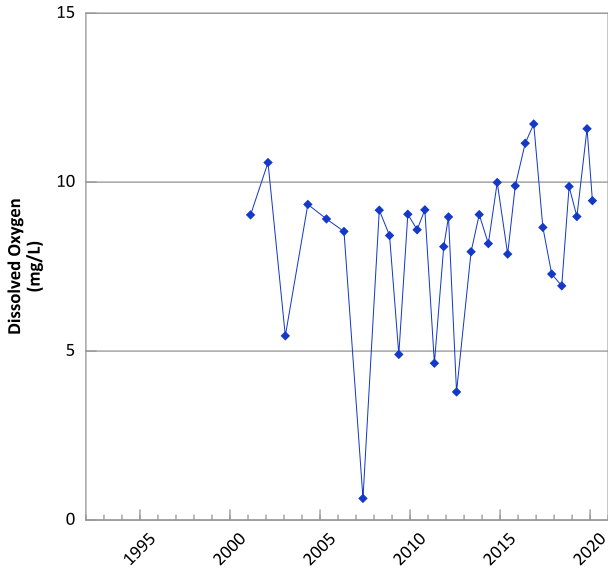
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

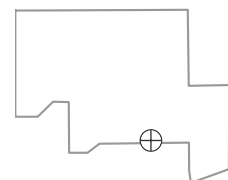


**PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



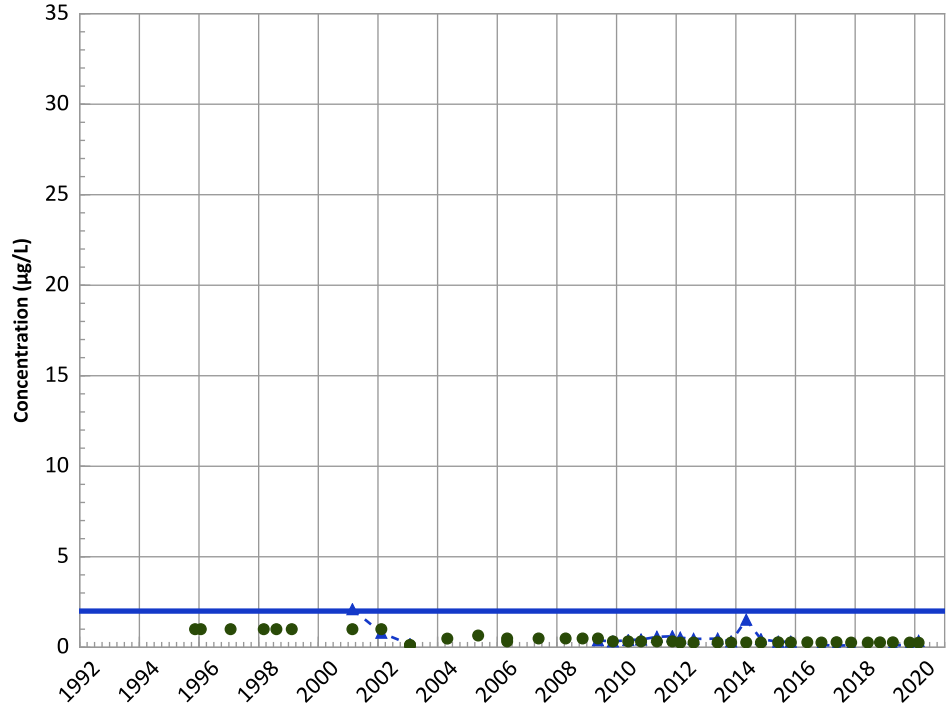
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/14/1995 to 02/17/2020
 Analysis Date: 06/03/2021

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

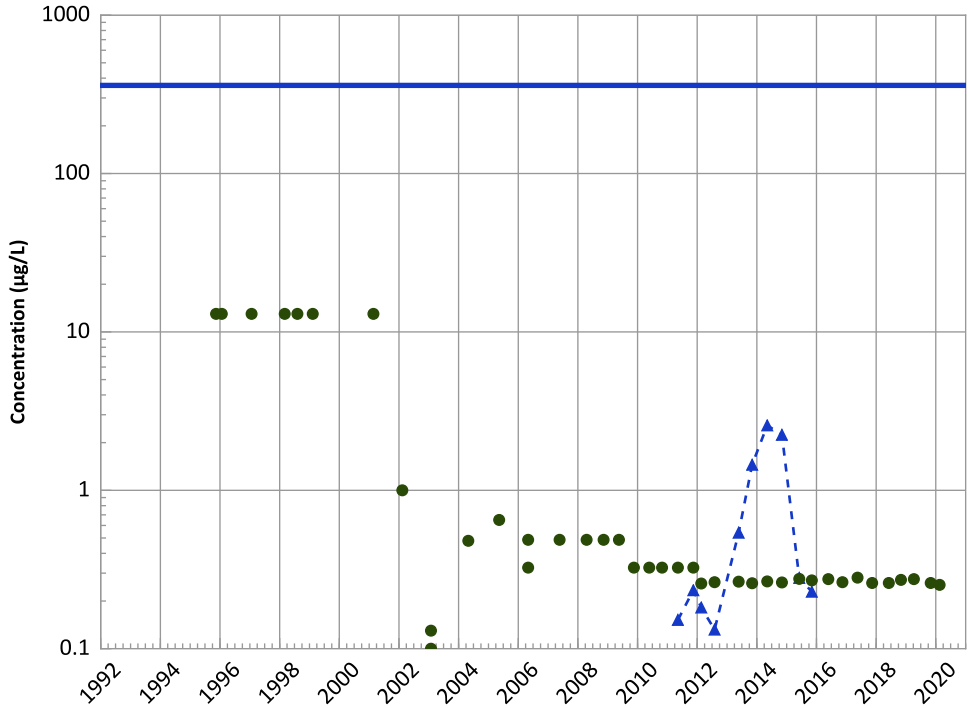


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

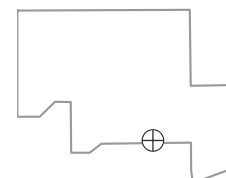
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

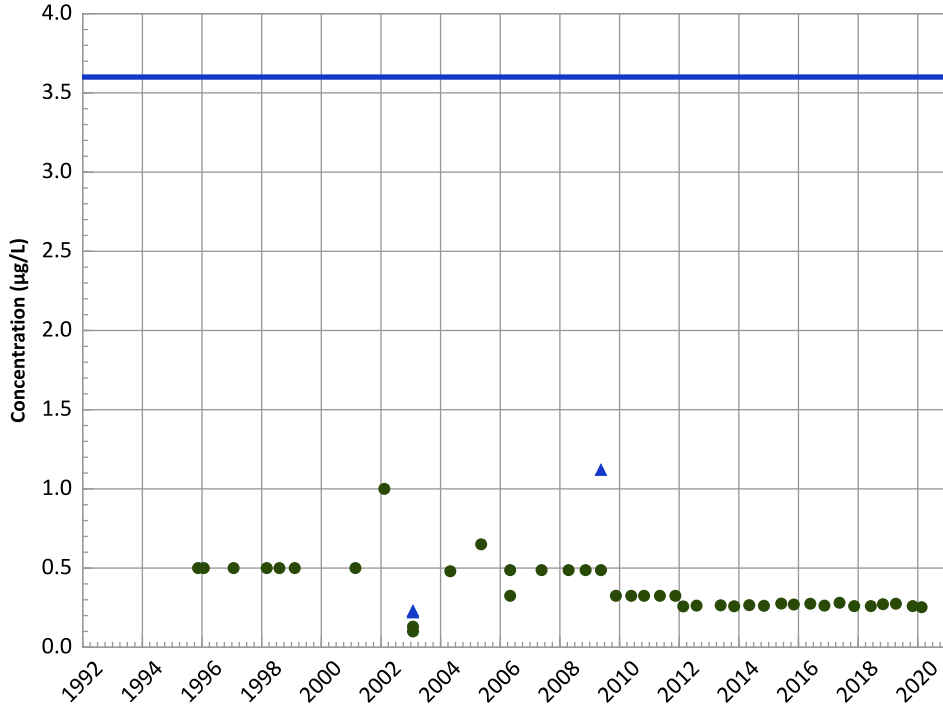
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

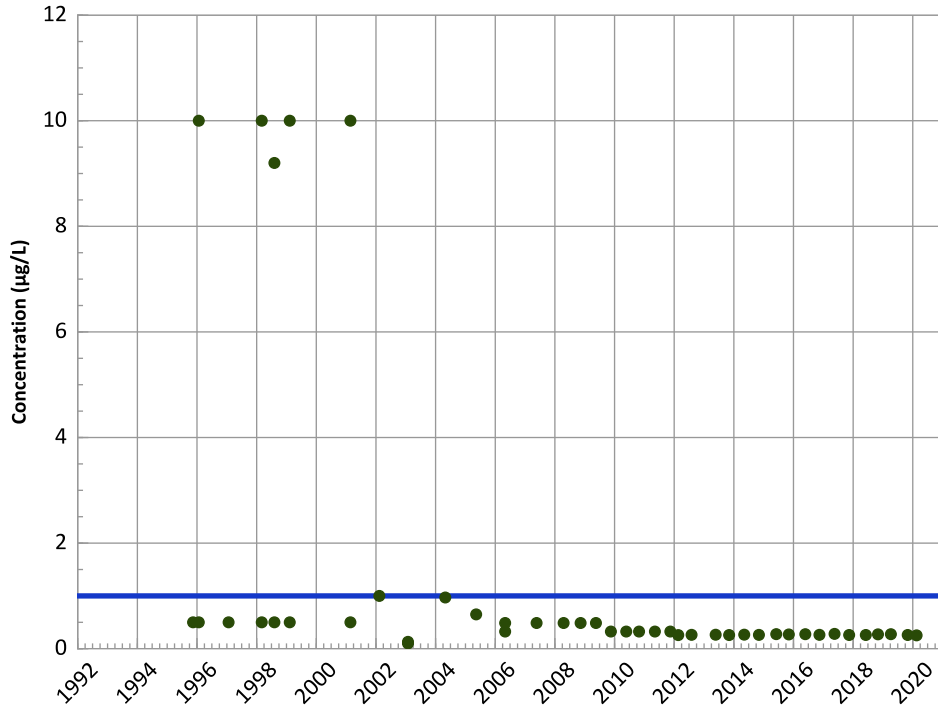
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

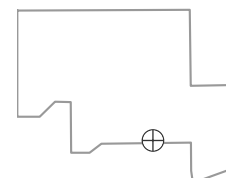
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

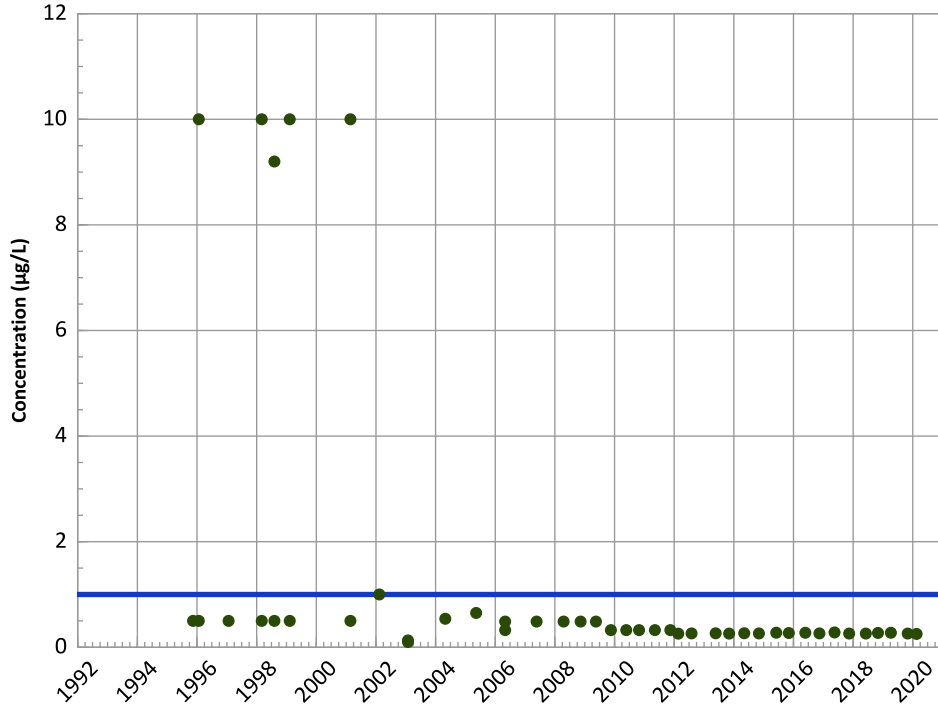
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
All Non-Detect

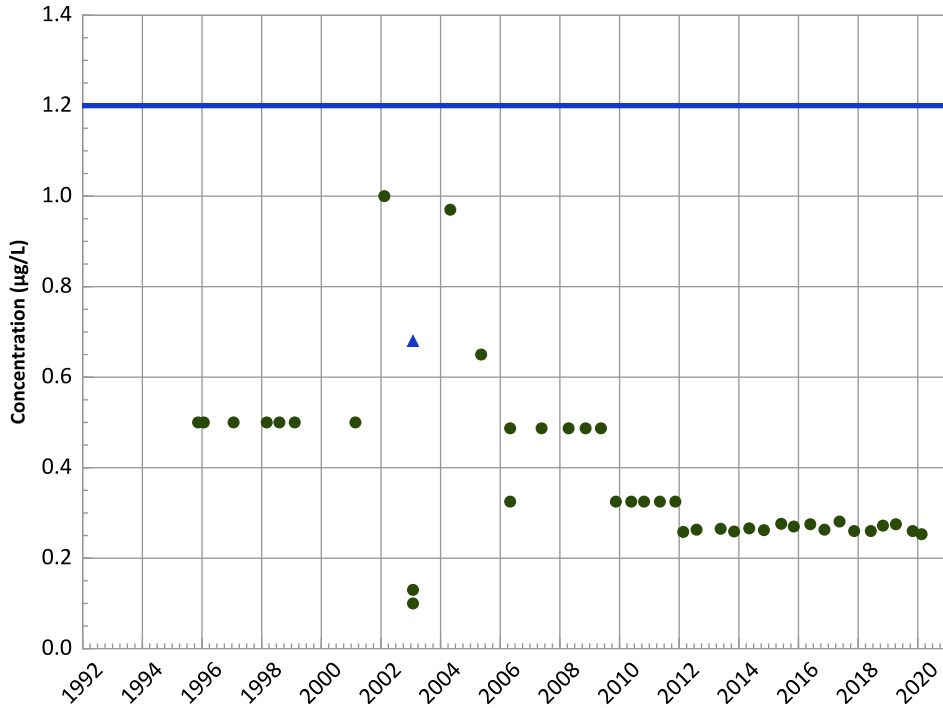
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

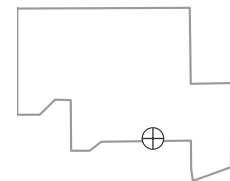
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Well Location

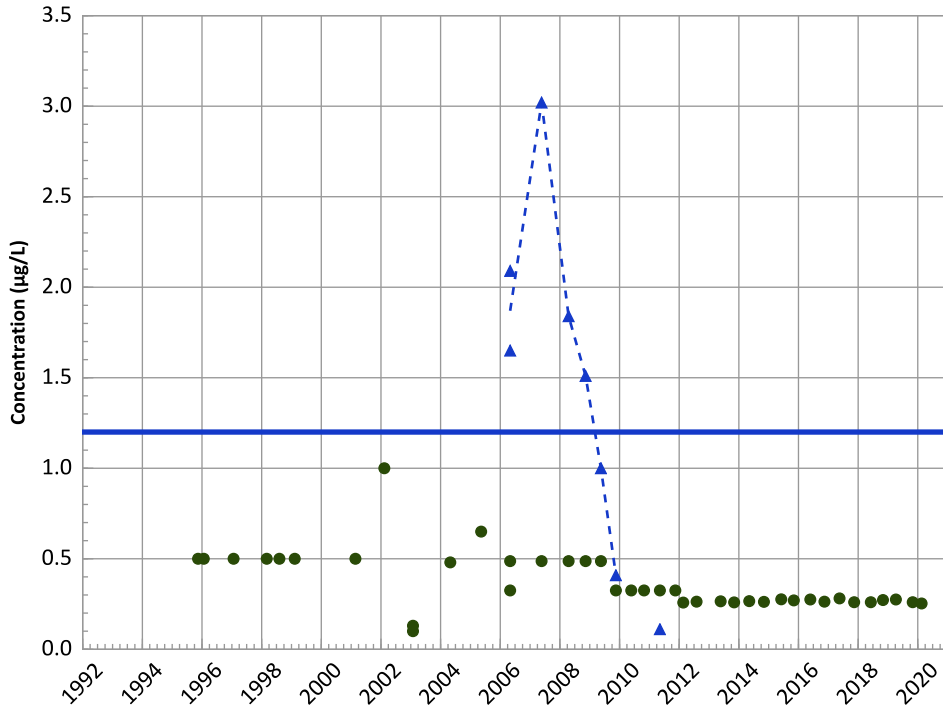


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

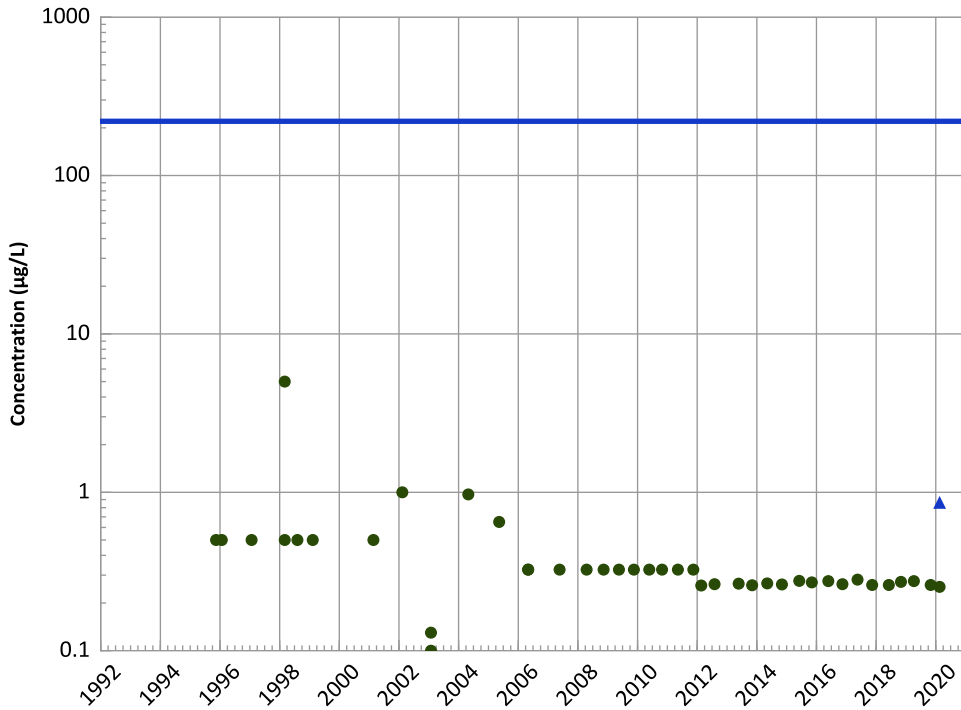
2018 - 2020 Data:

Decreasing

All Data:

No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

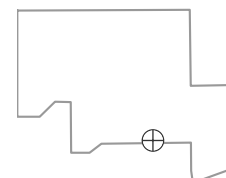
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

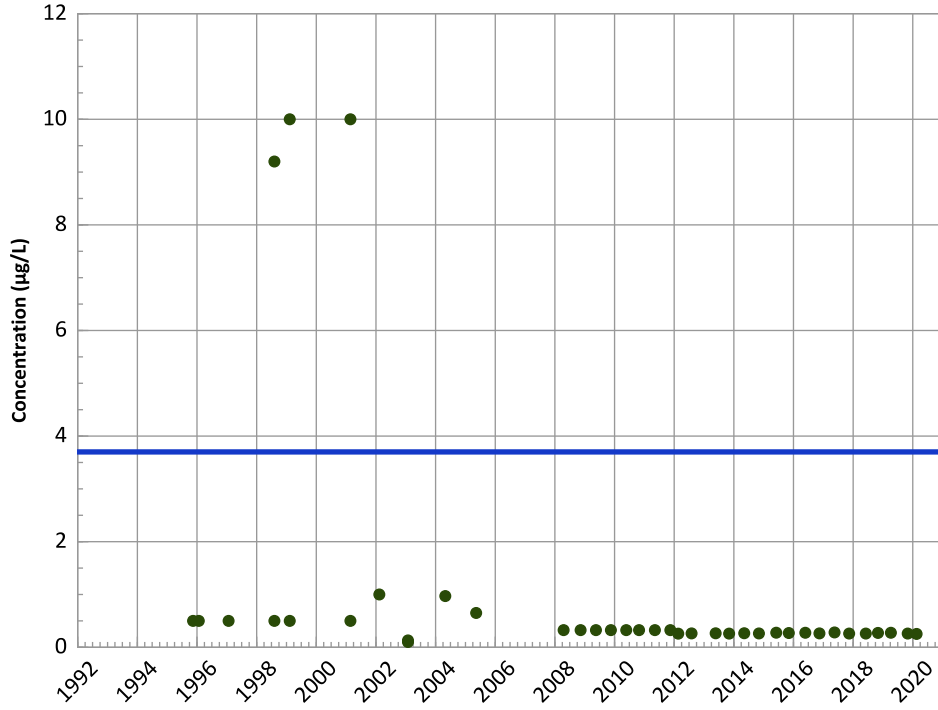
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

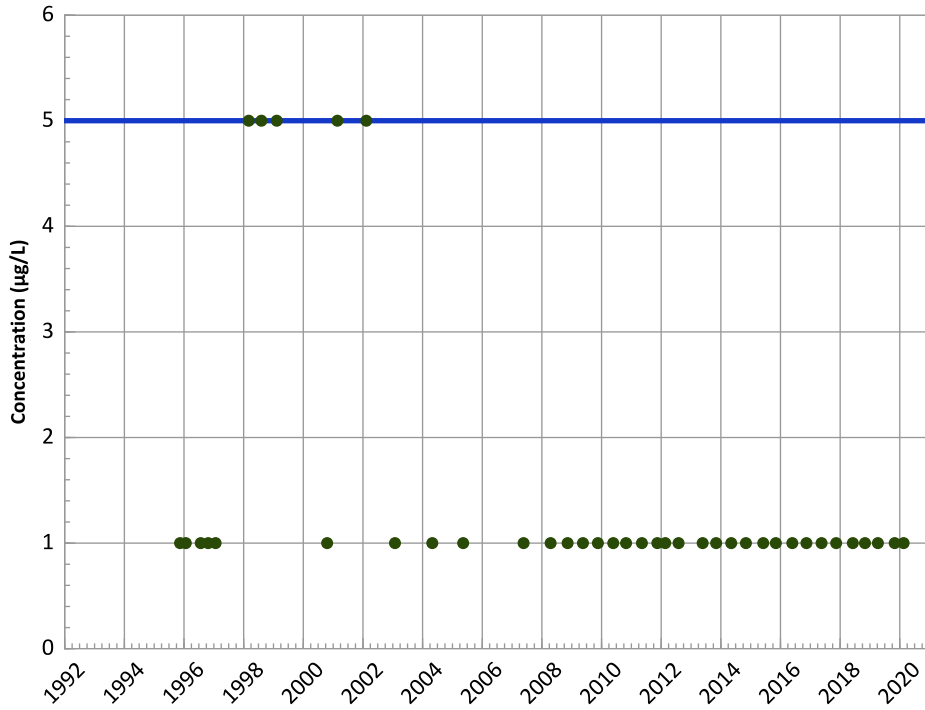
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

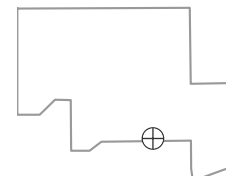
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

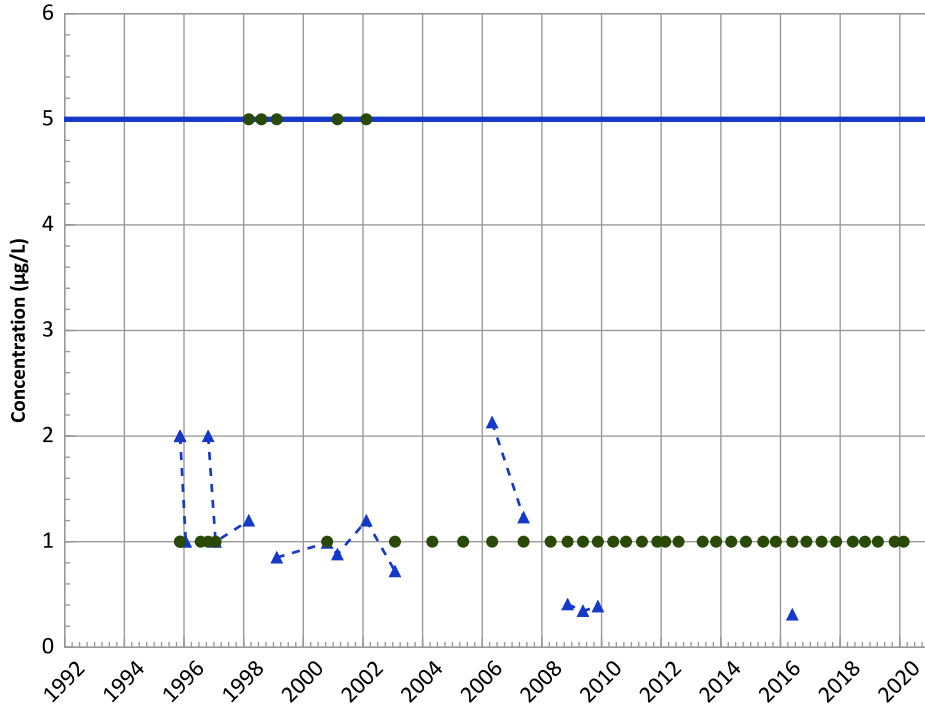
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

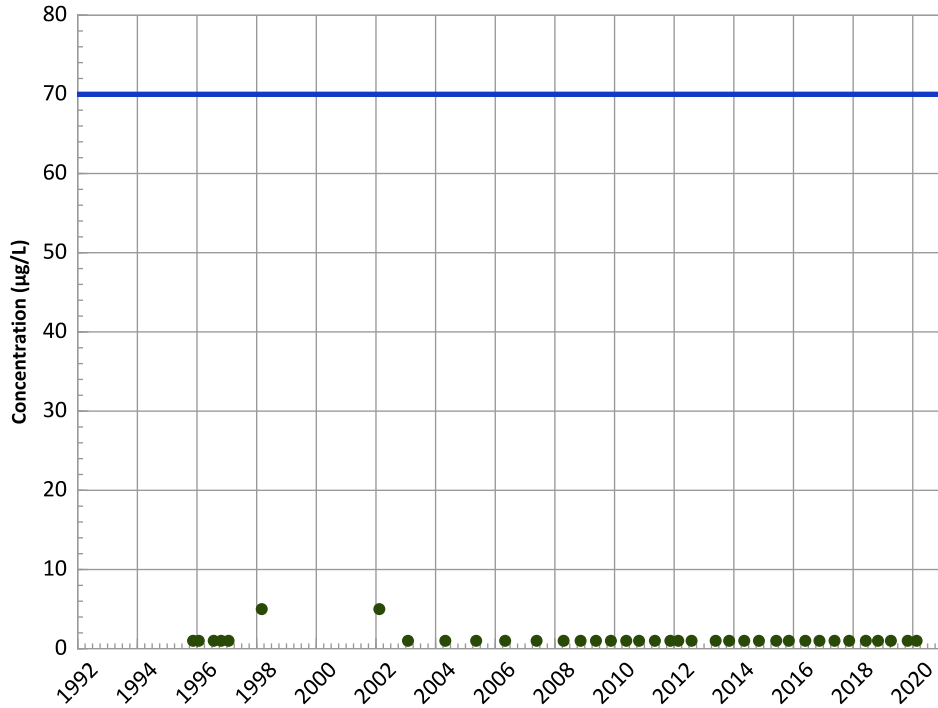
2018 - 2020 Data:

Stable

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

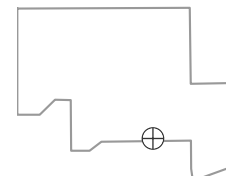
All Data:

All Non-Detect

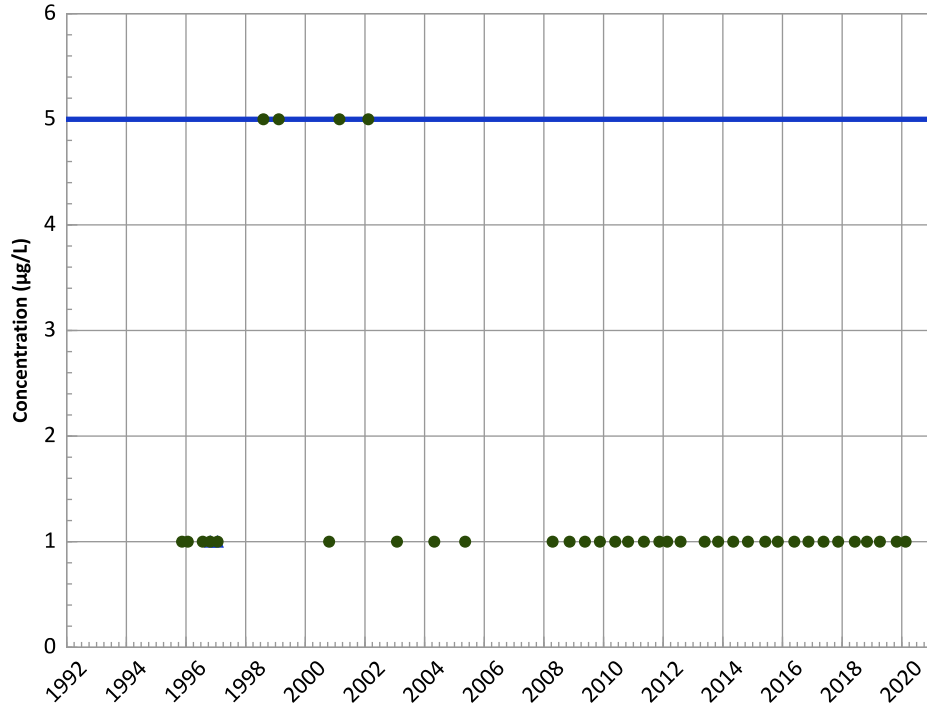
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

- ▲ 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

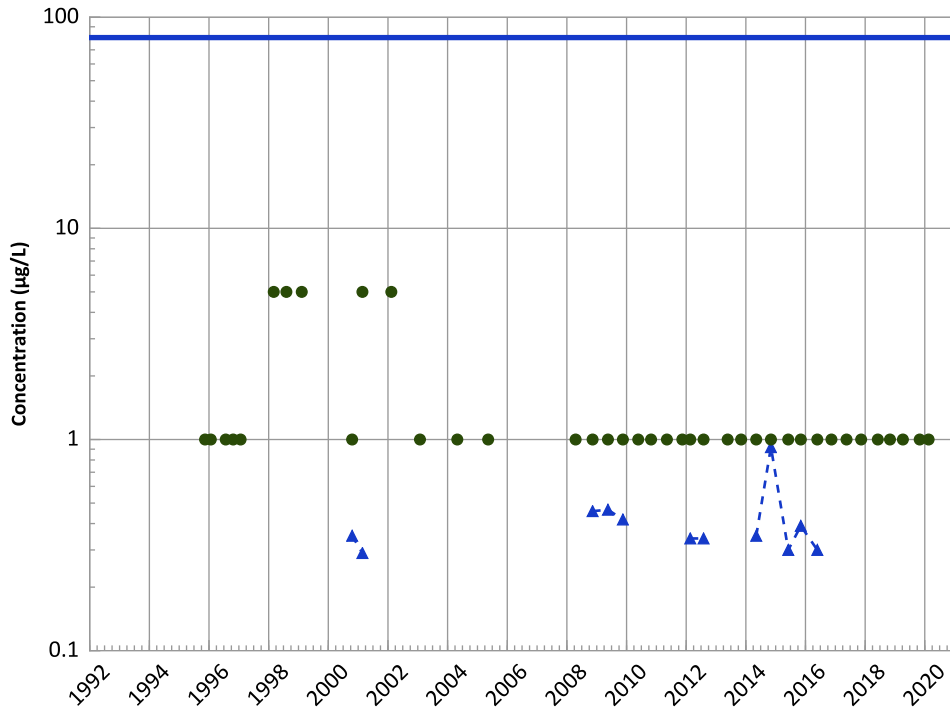
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

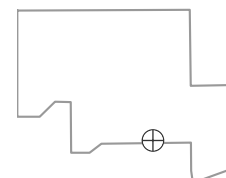
MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

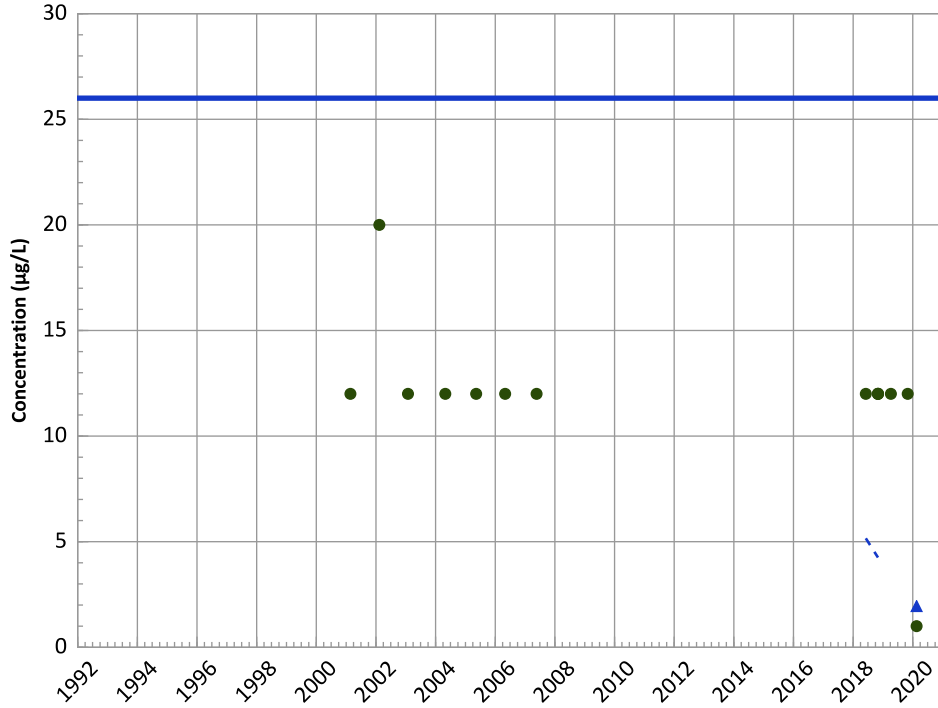
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

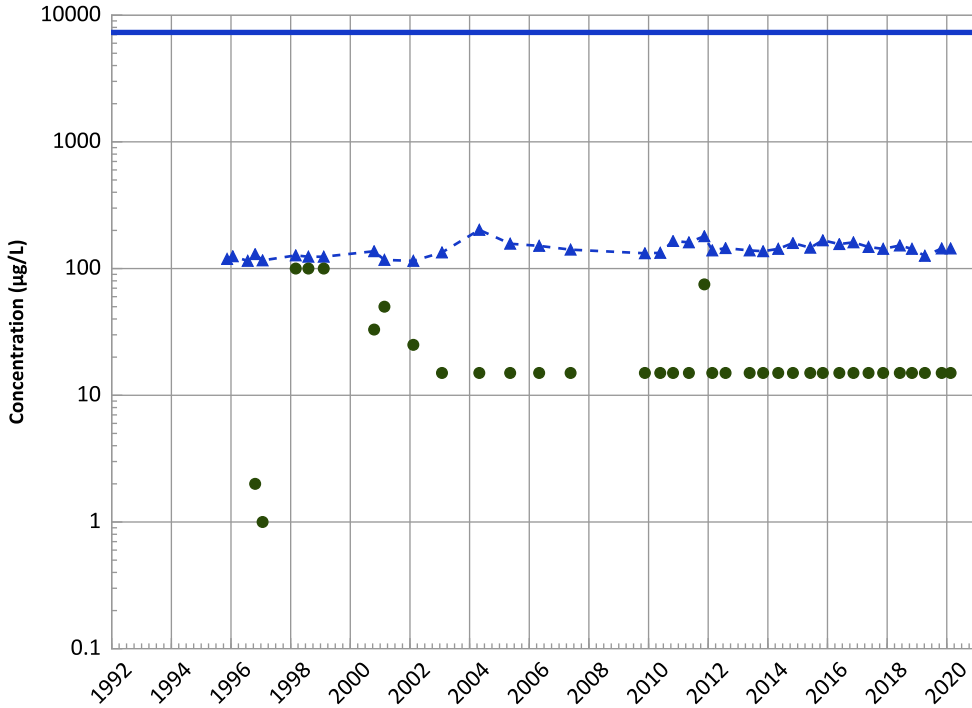


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

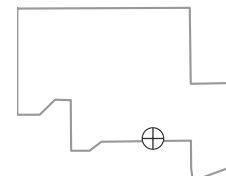
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

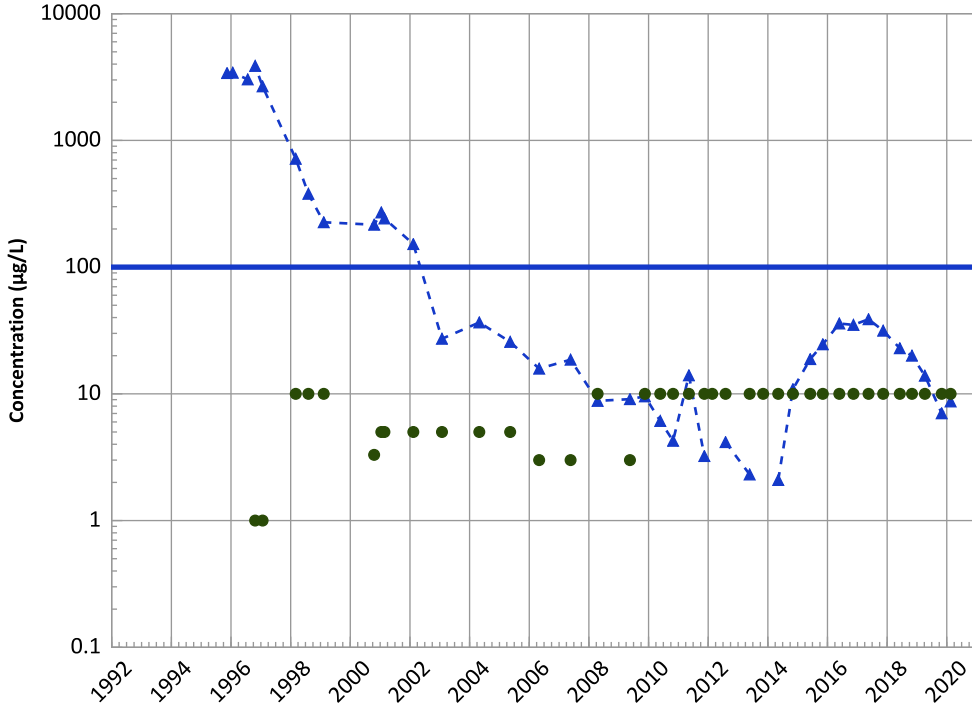
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

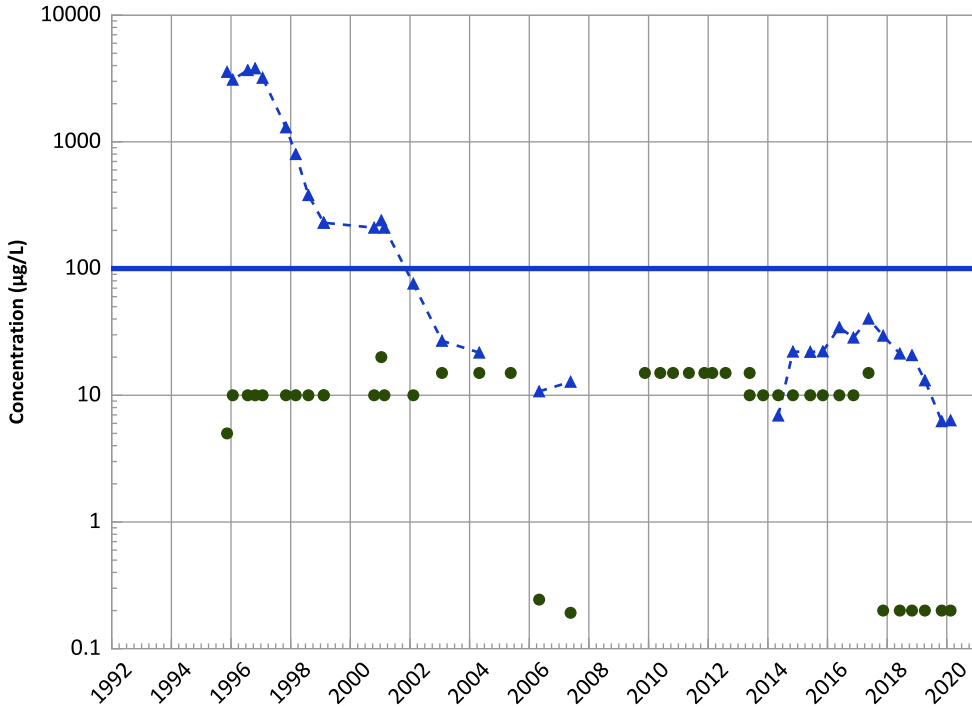
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

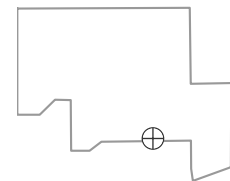
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Well Location

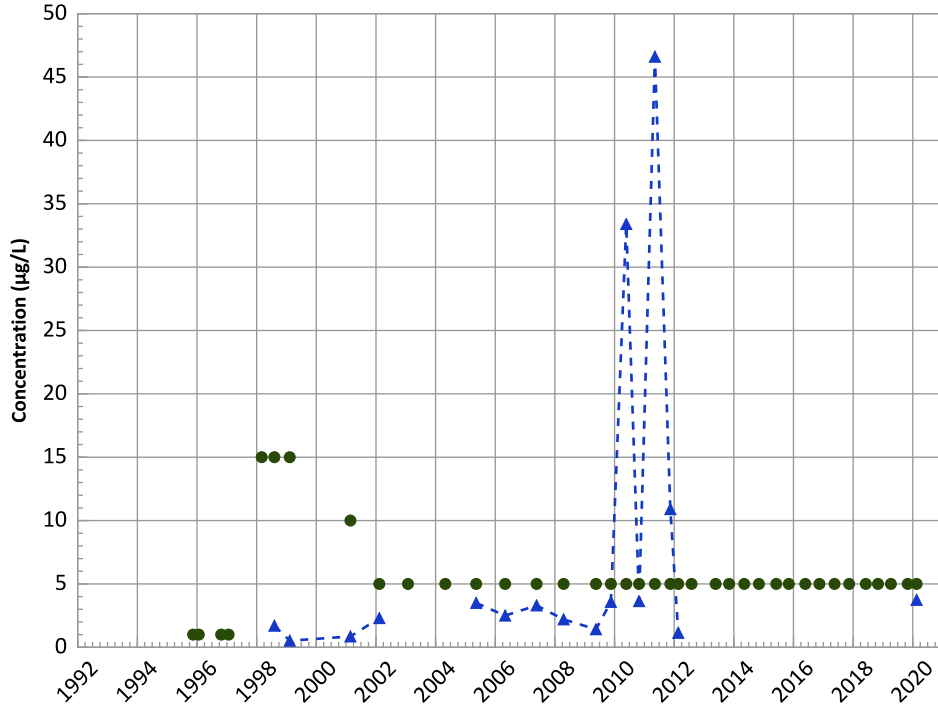


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

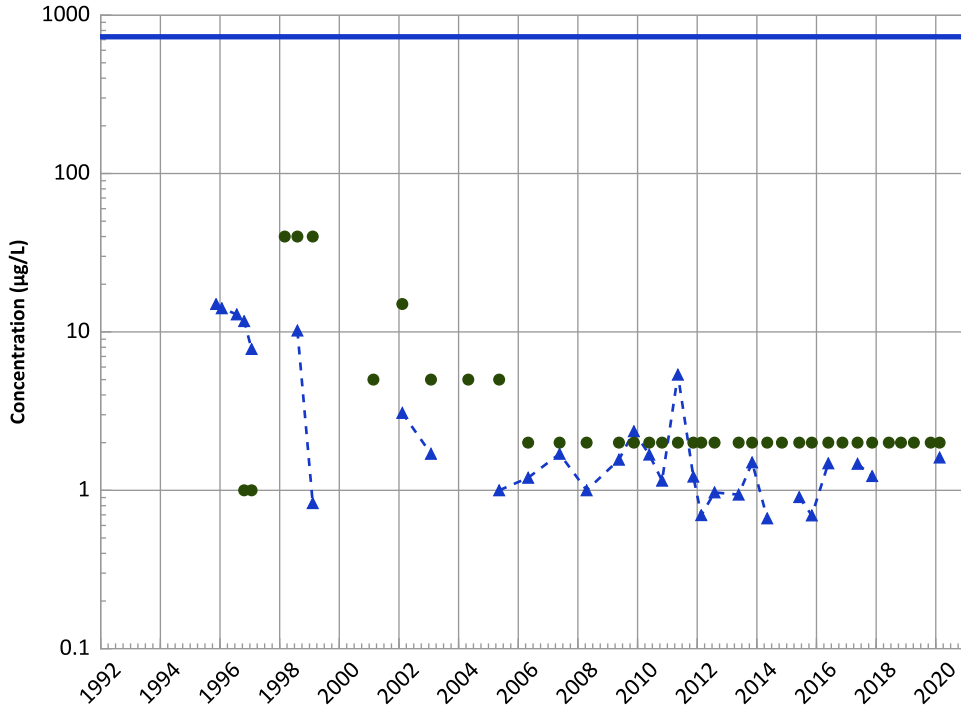


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Nickel Trend



Concentration Trend

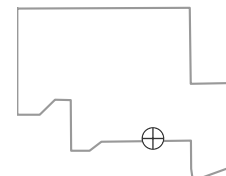
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

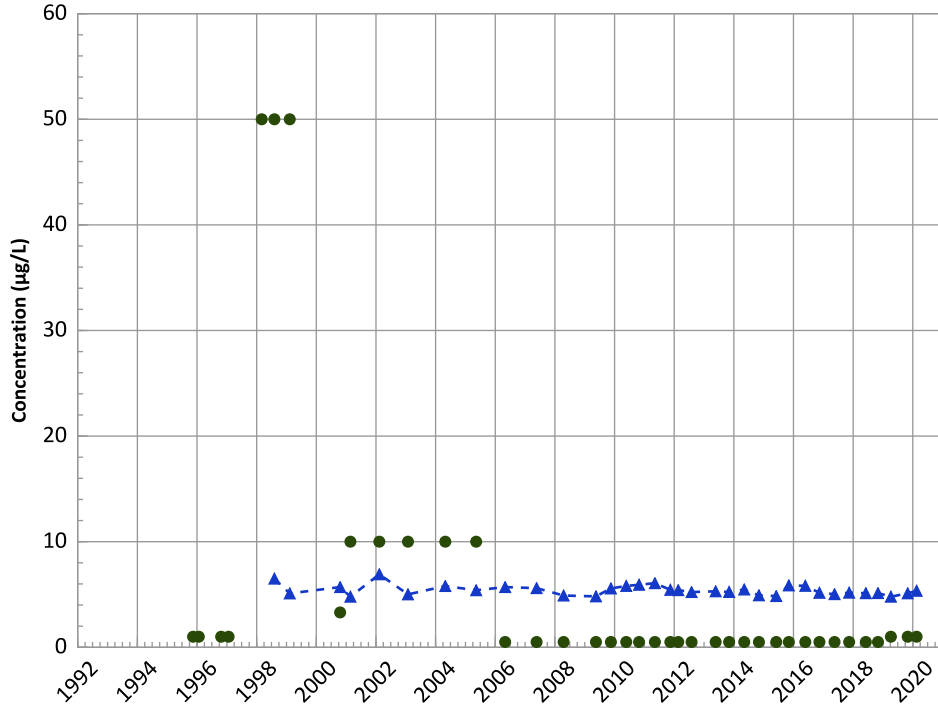
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

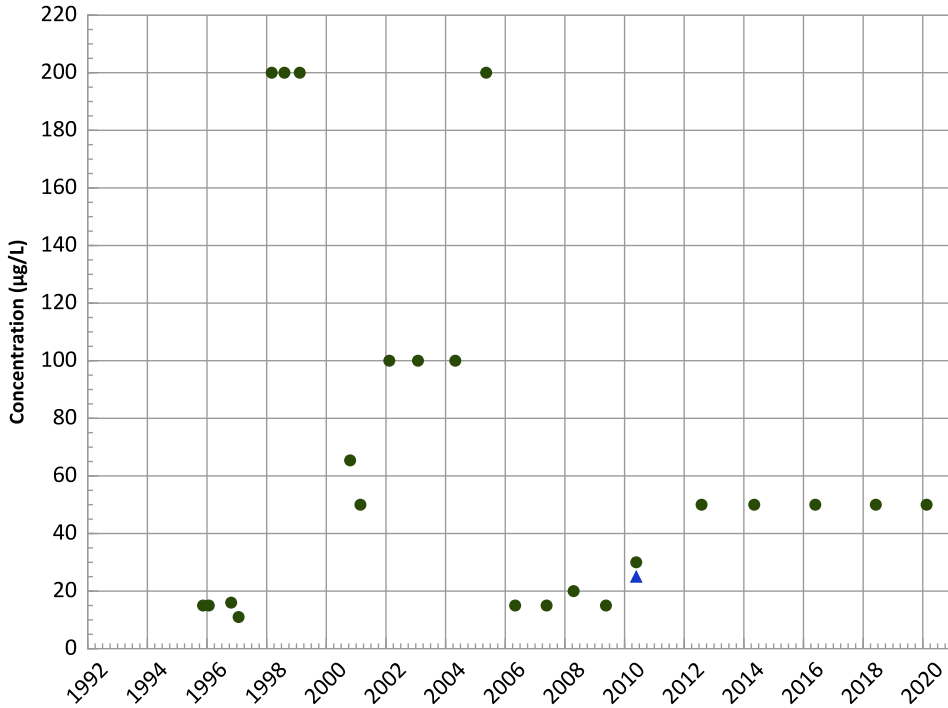
2018 - 2020 Data:

No Trend

All Data:

Increasing

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

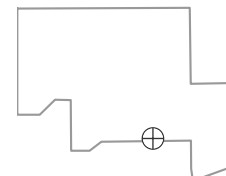
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

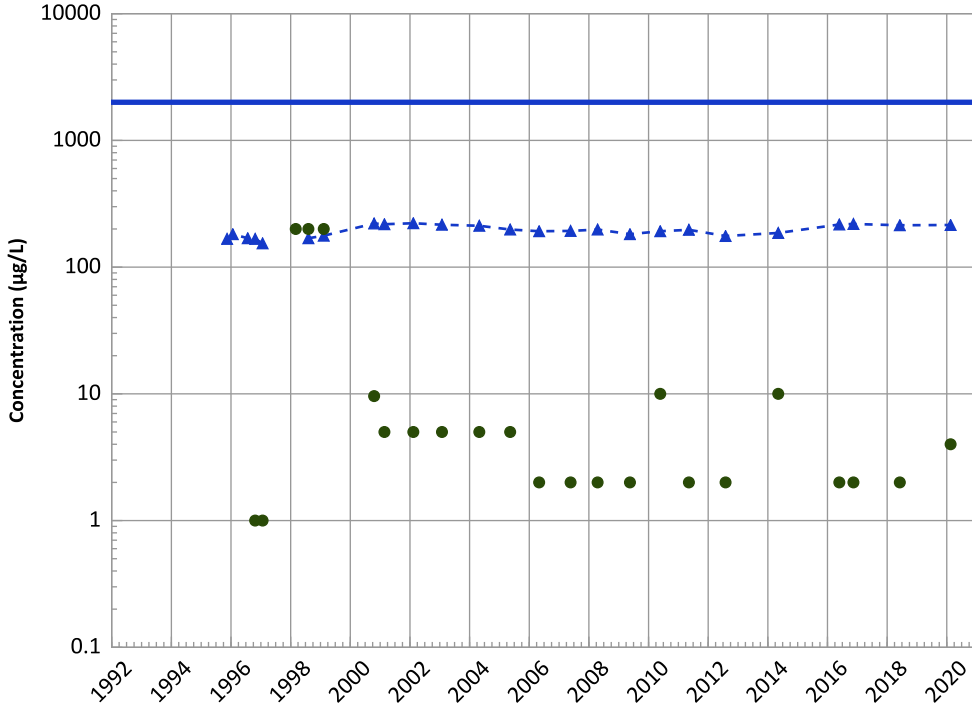
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

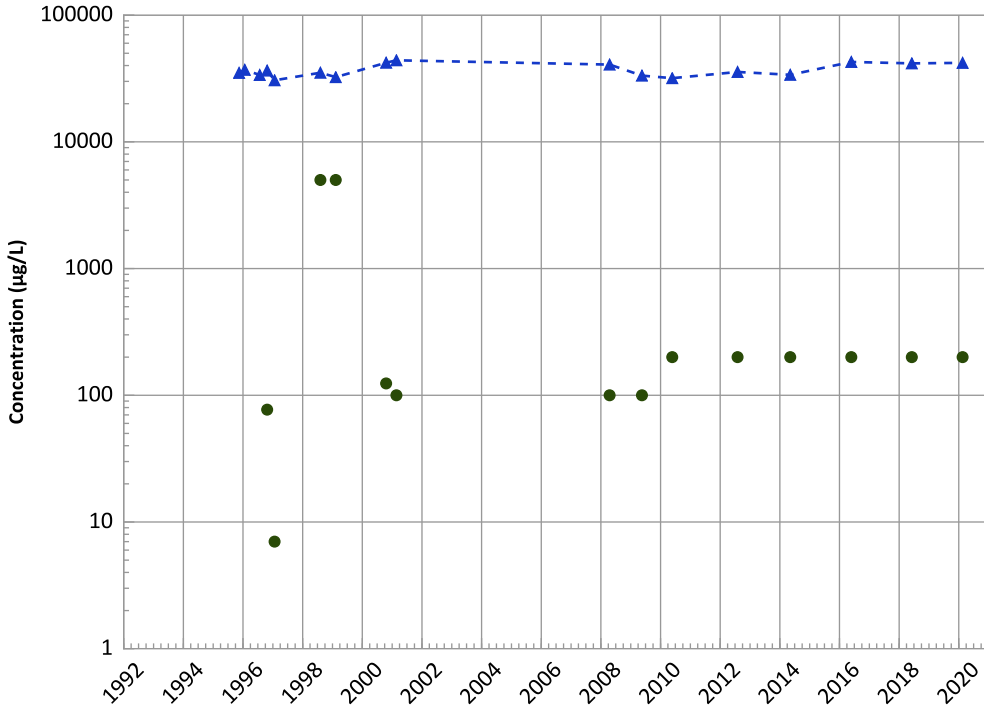
2018 - 2020 Data:

Stable

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

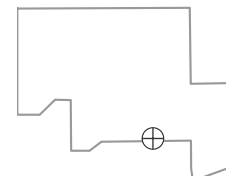
All Data:

Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

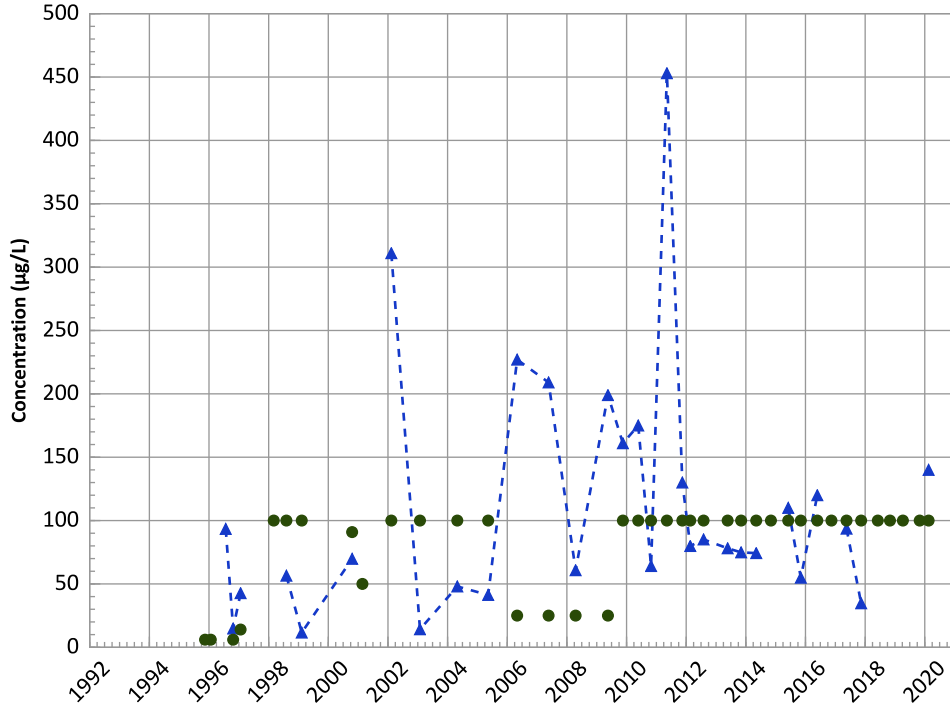
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

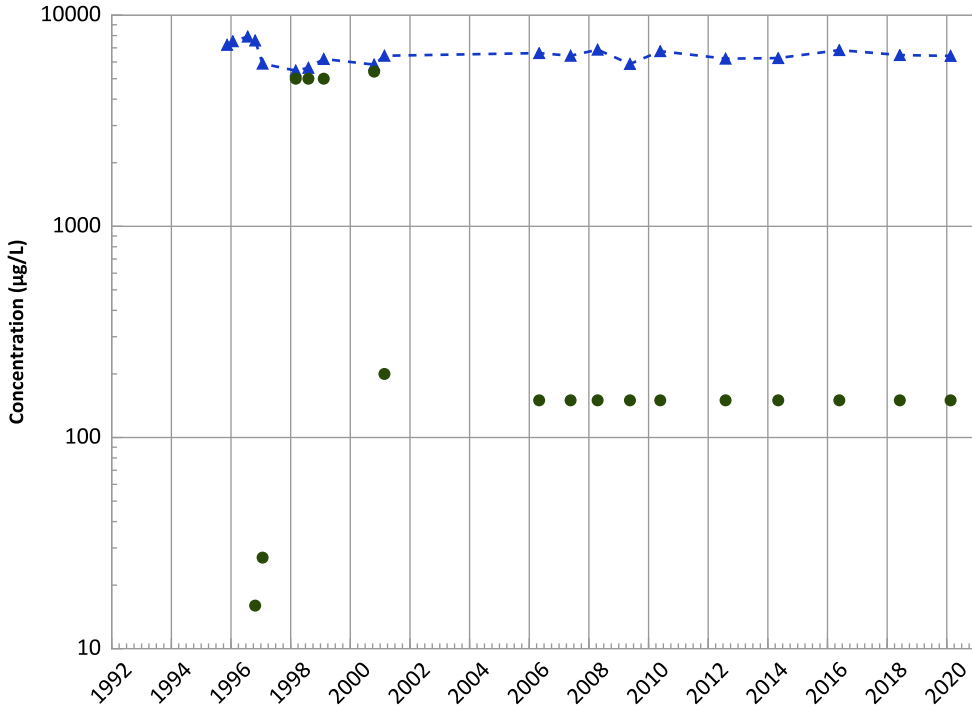


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Potassium Trend



Concentration Trend

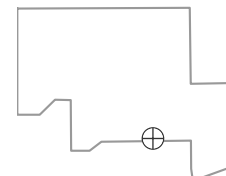
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

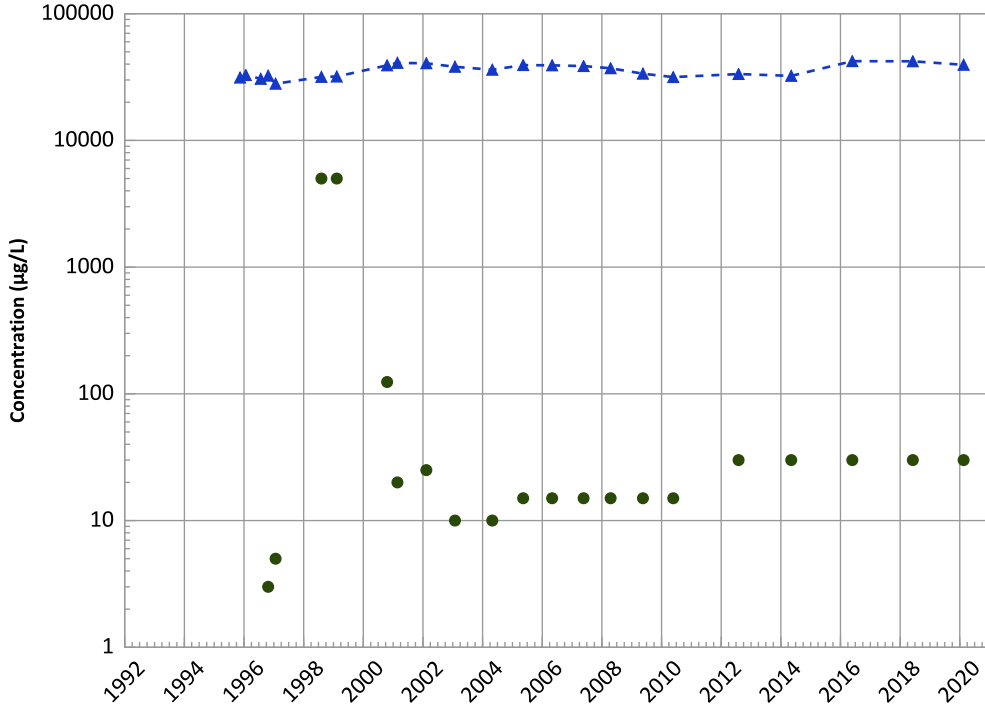
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

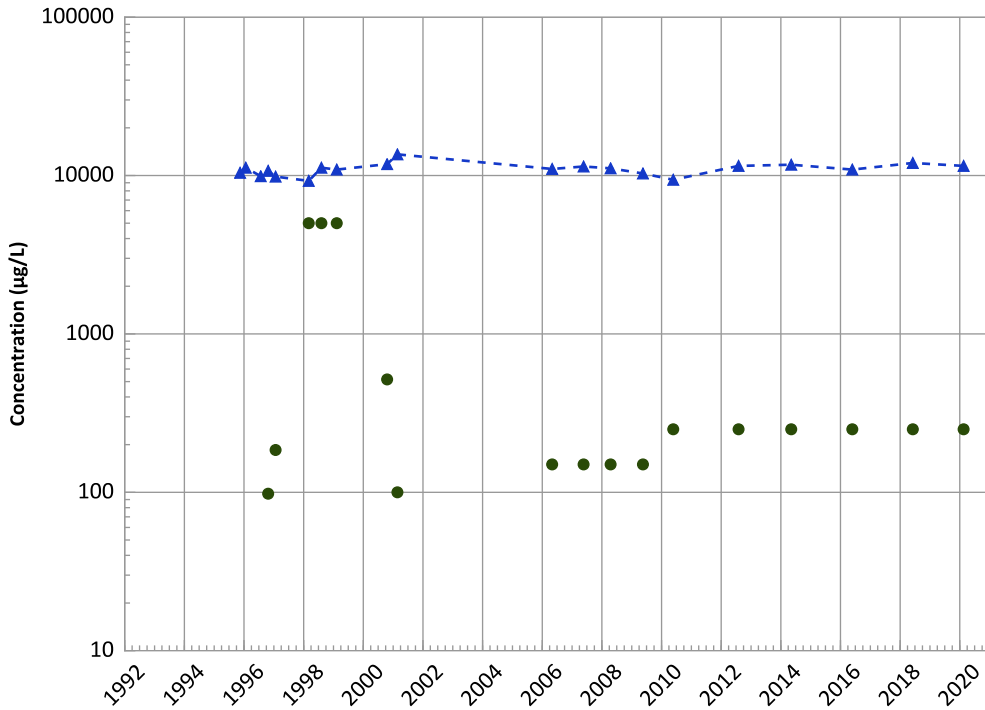
2018 - 2020 Data:

No Trend

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

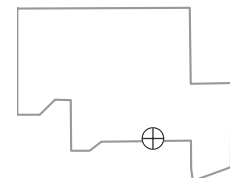
All Data:

Increasing

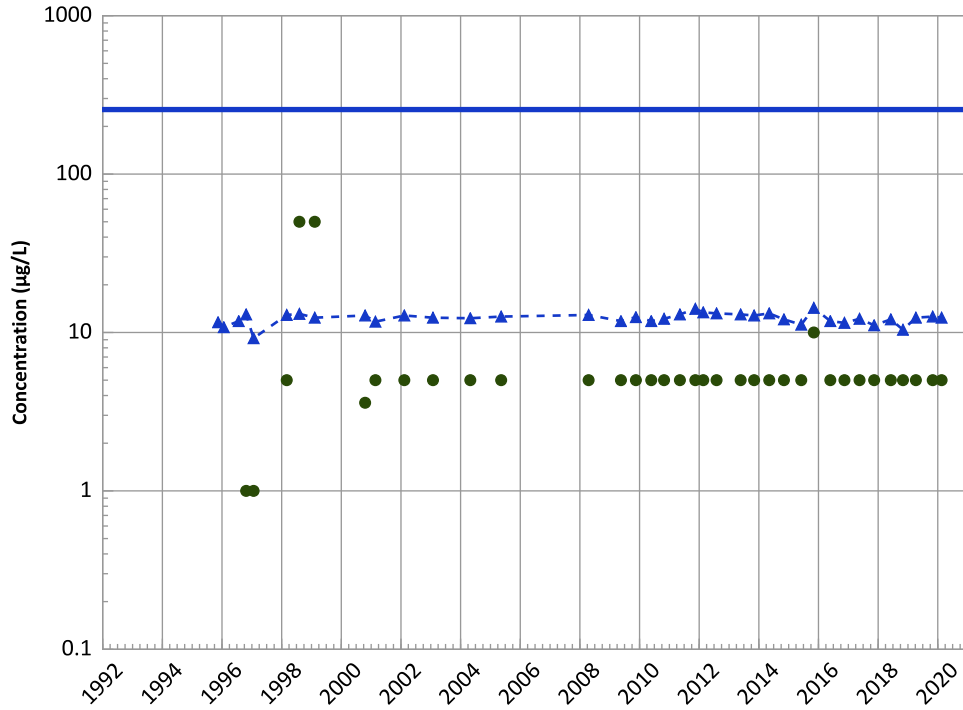
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 02/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

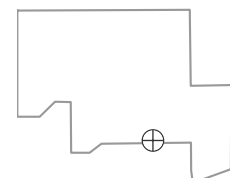
All Data:

Increasing

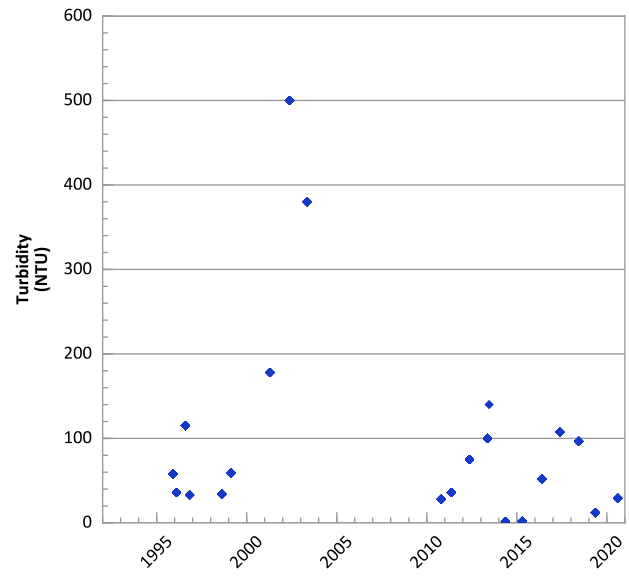
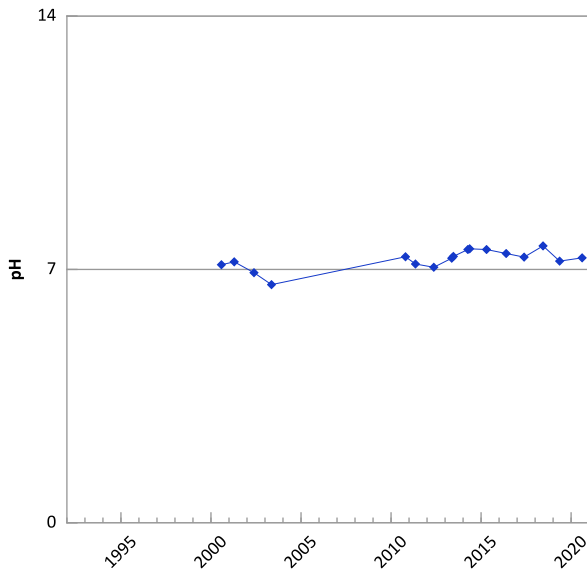
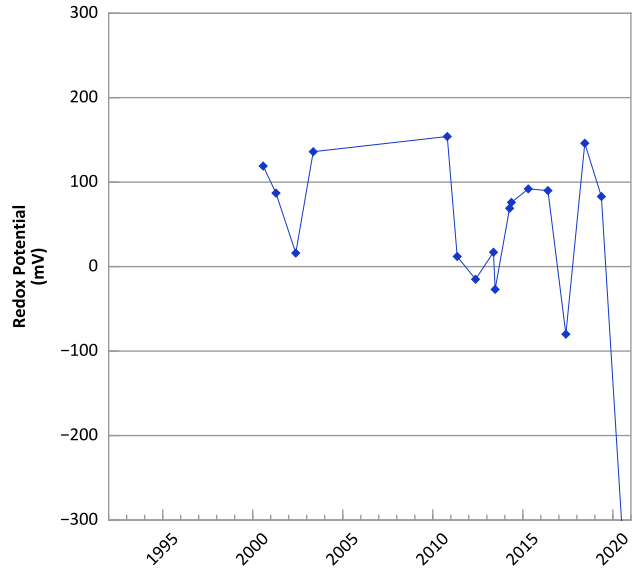
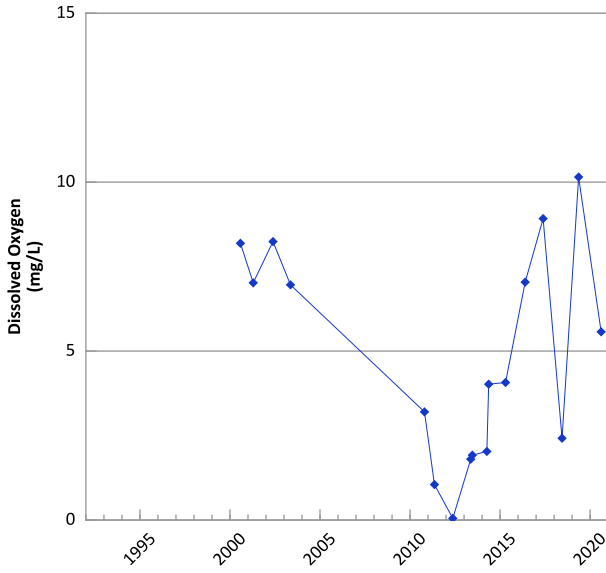
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/14/1995 to 02/17/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

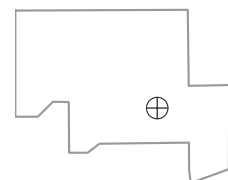


**PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



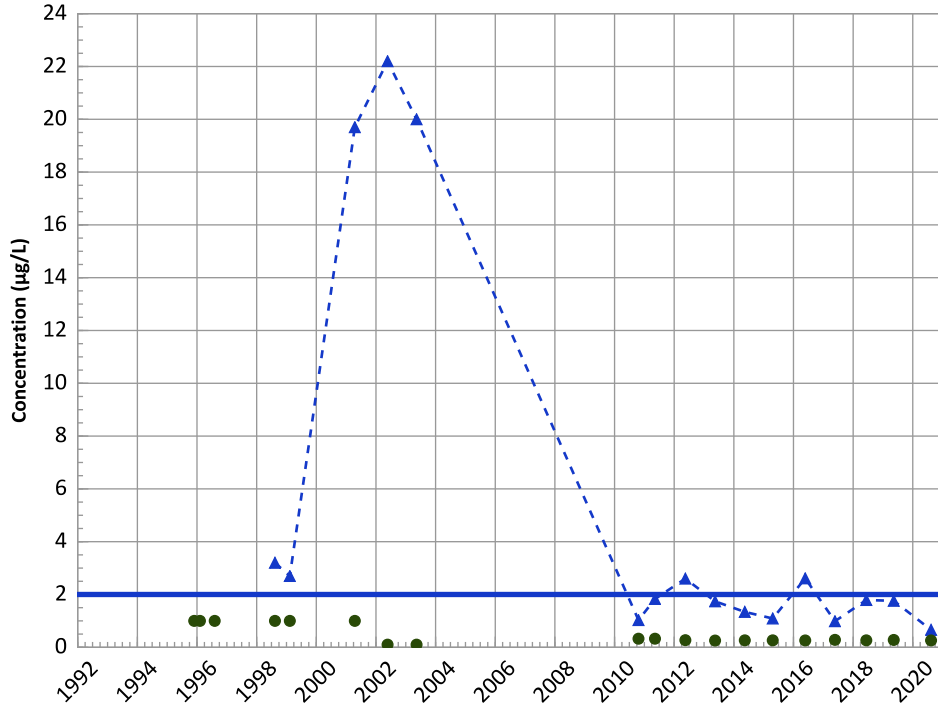
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 07/07/1992 to 08/12/2020
 Analysis Date: 06/03/2021

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

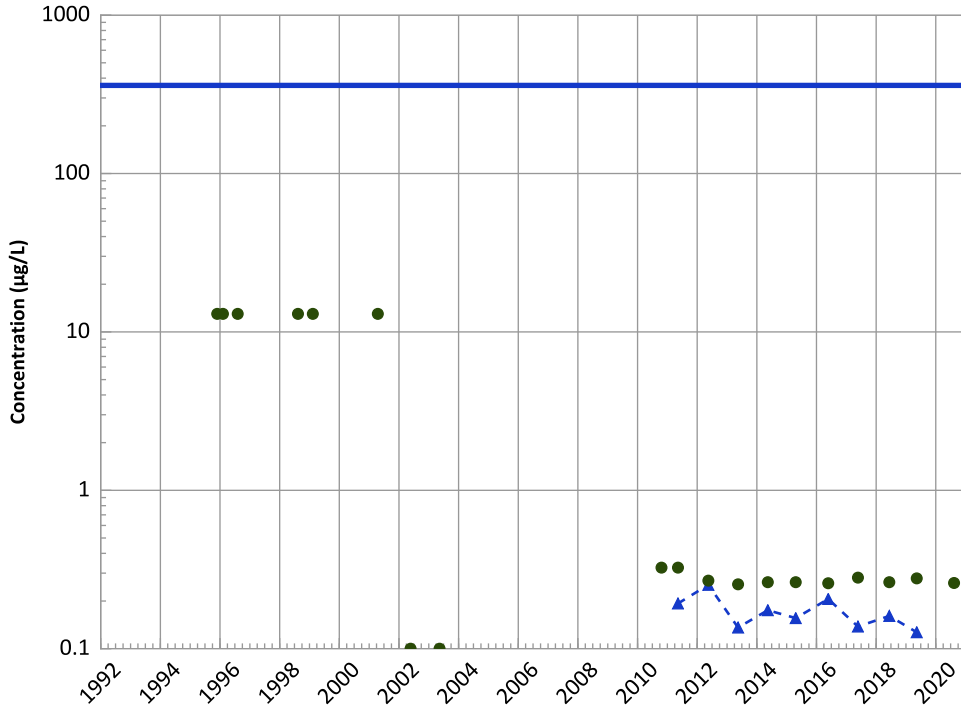
2018 - 2020 Data:

Stable

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

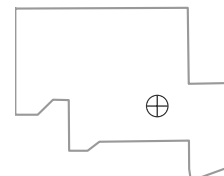
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

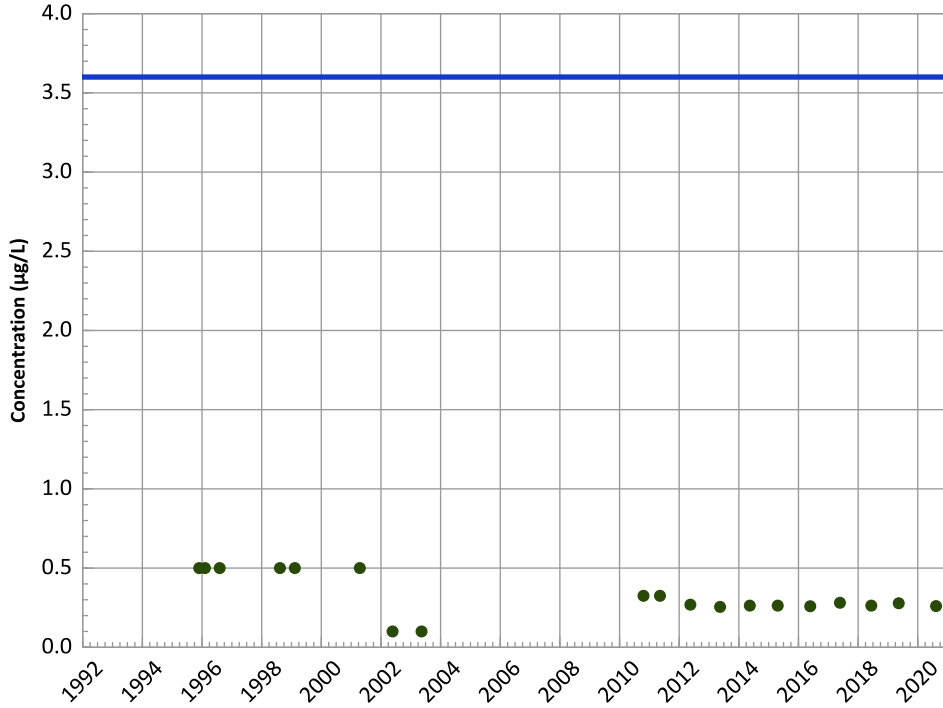
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

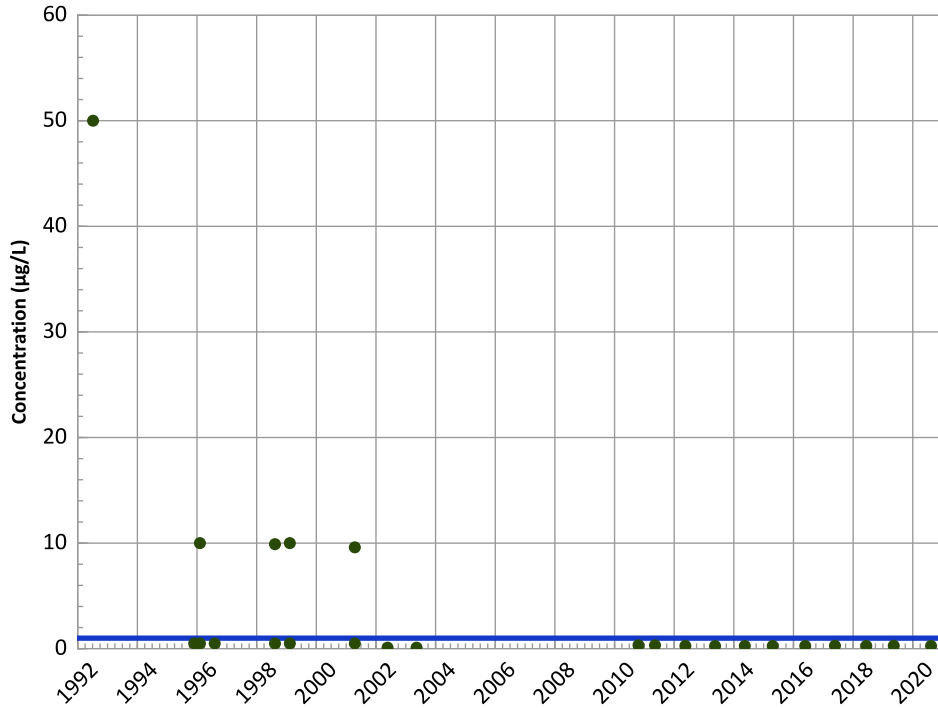
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

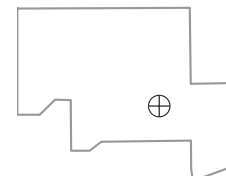
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

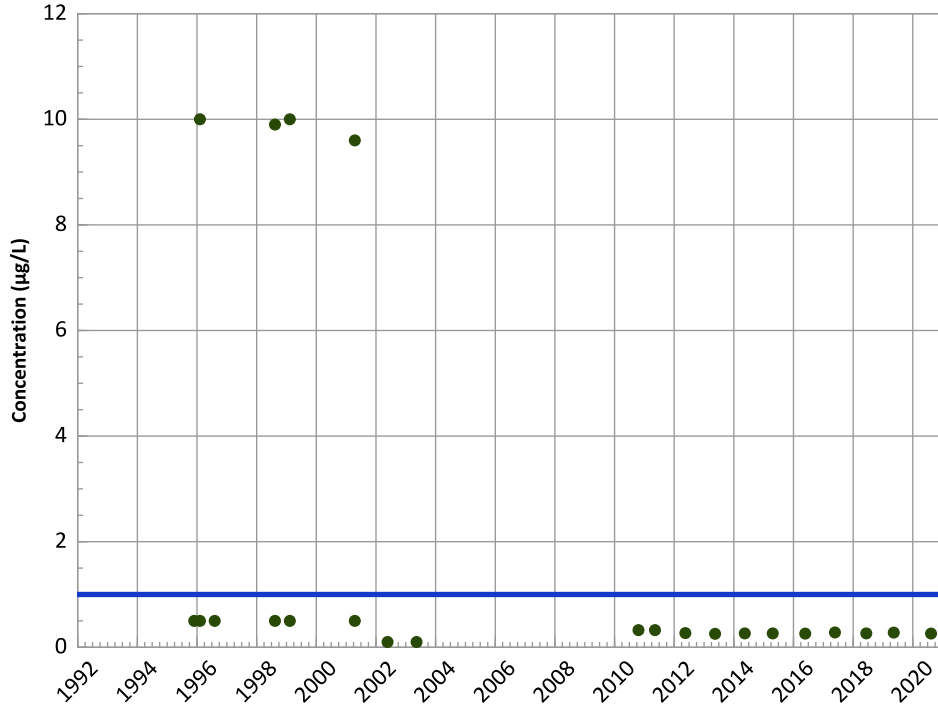
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

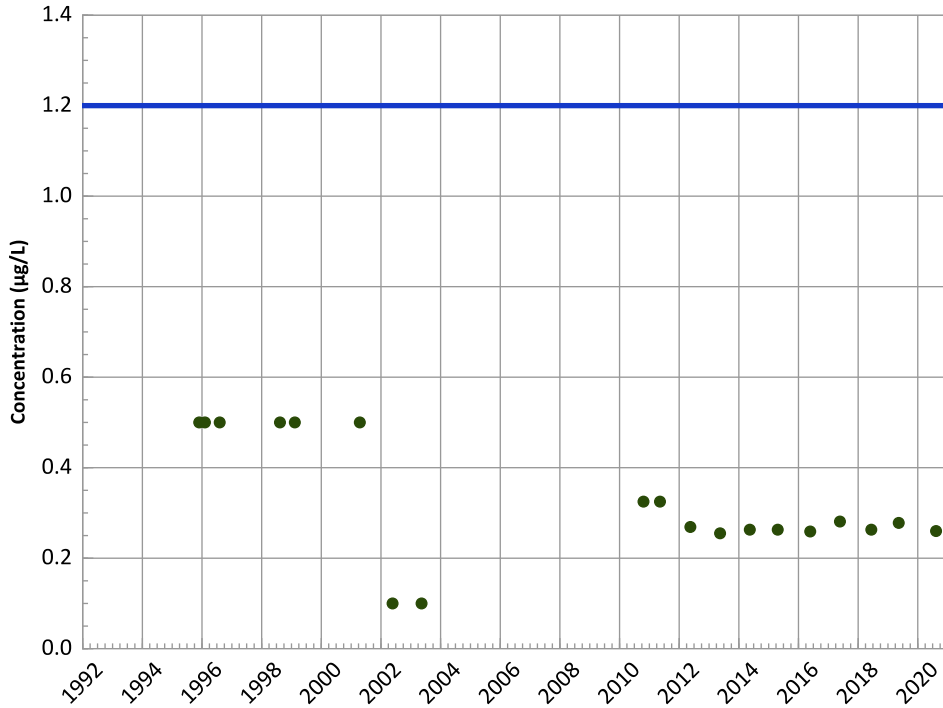
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

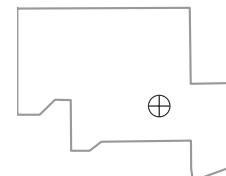
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

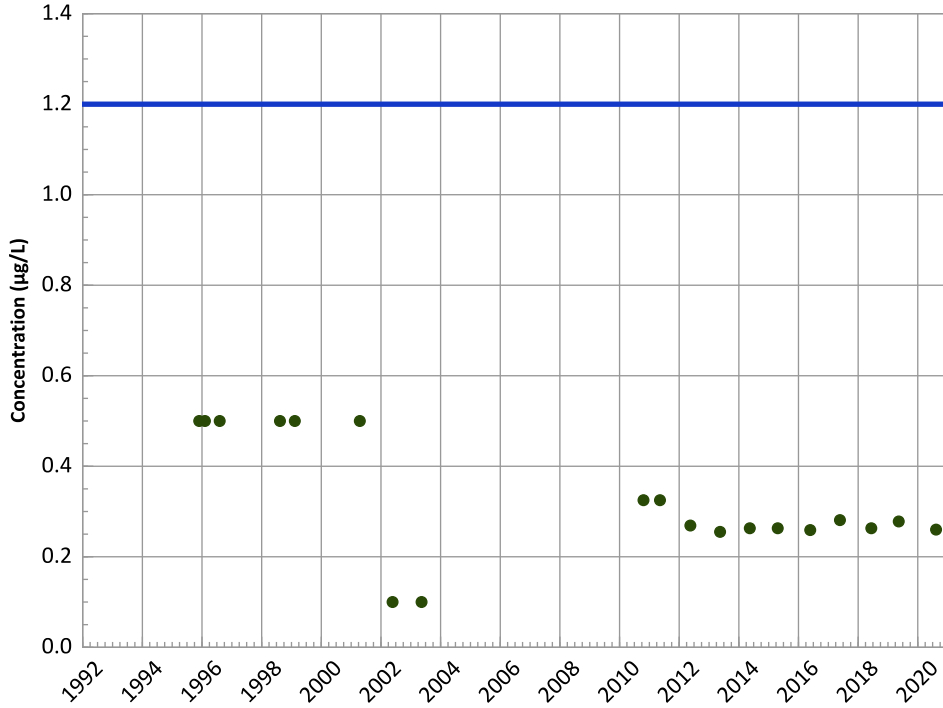
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

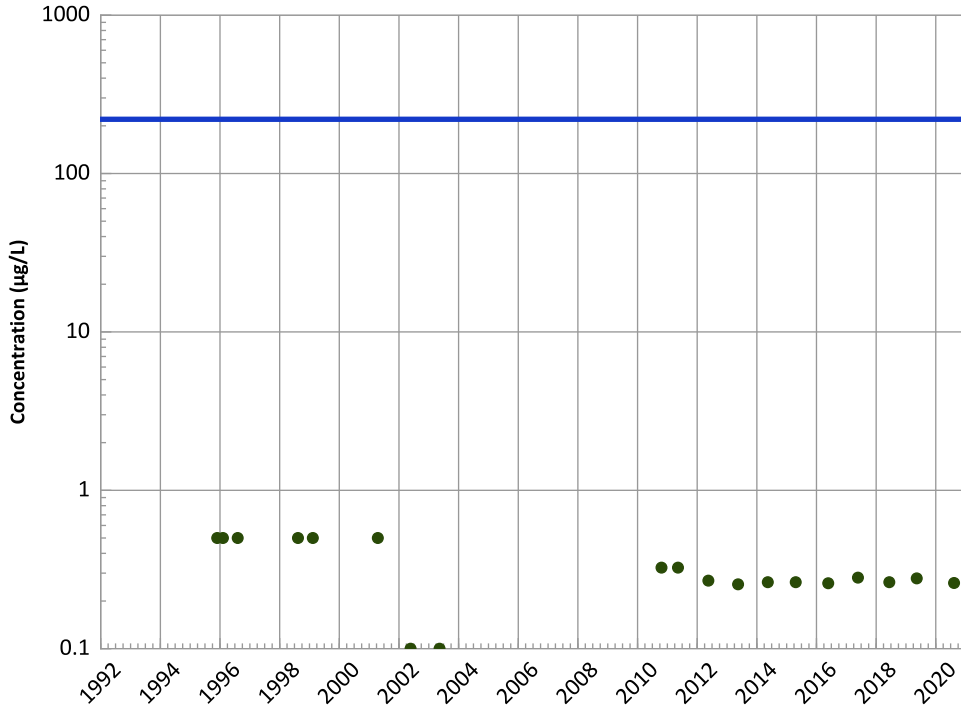
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

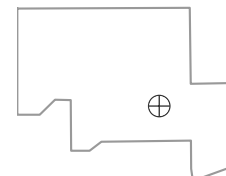
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

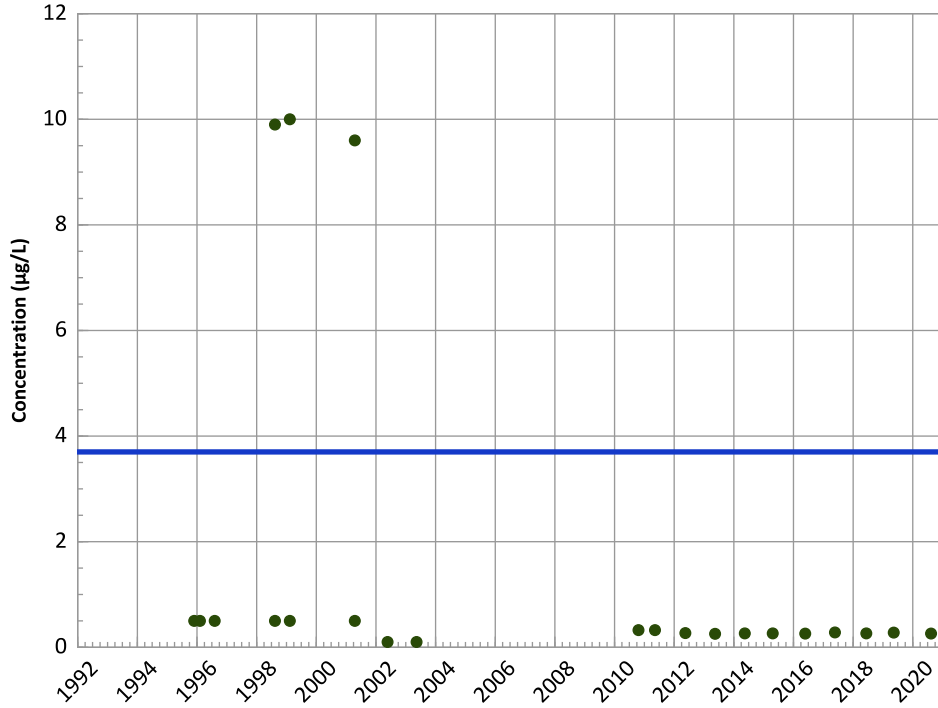
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

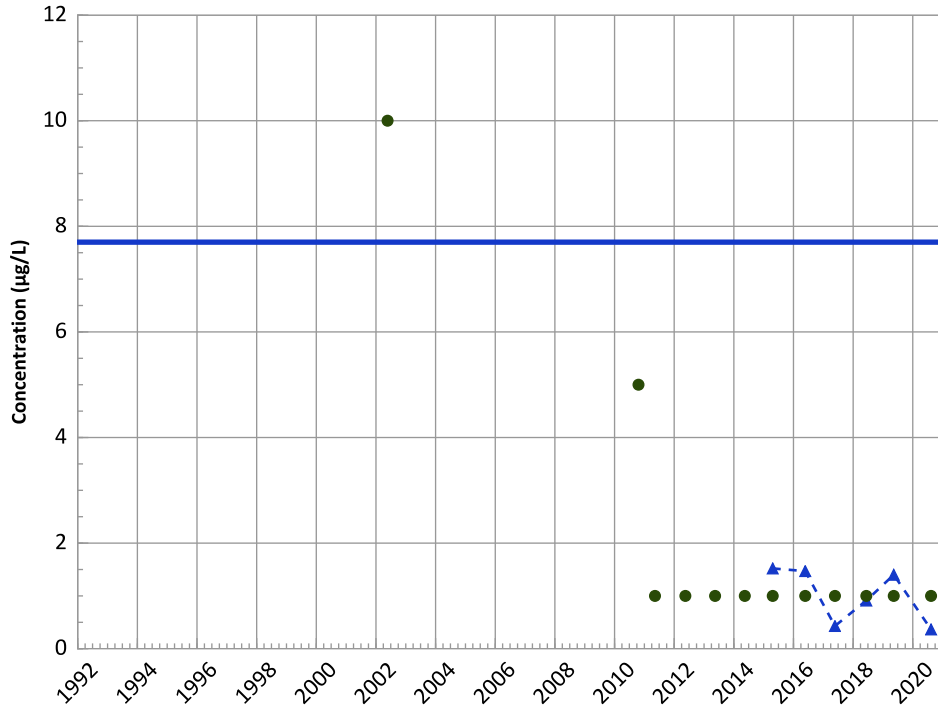
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

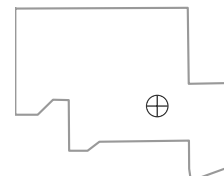
All Data:

Stable

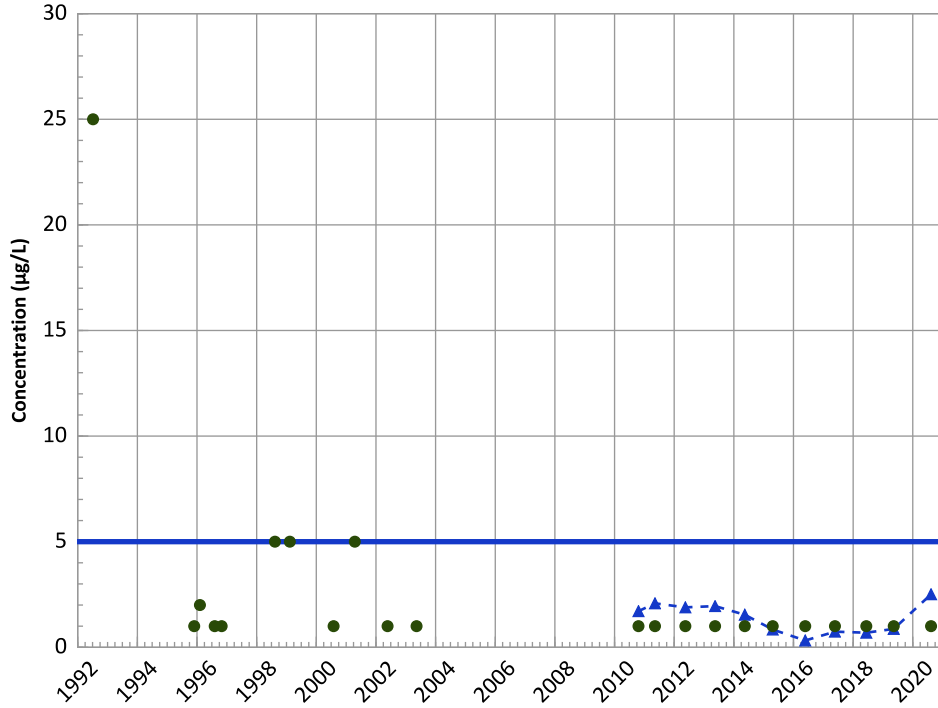
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

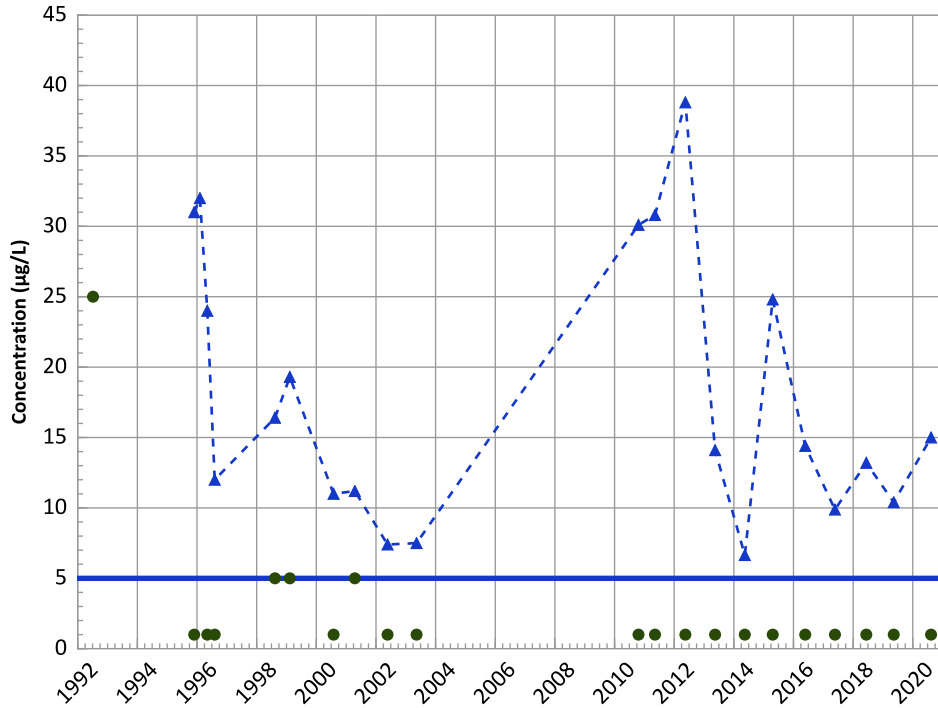
2018 - 2020 Data:

Probably Increasing

All Data:

Stable

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

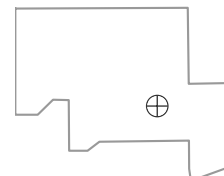
All Data:

Stable

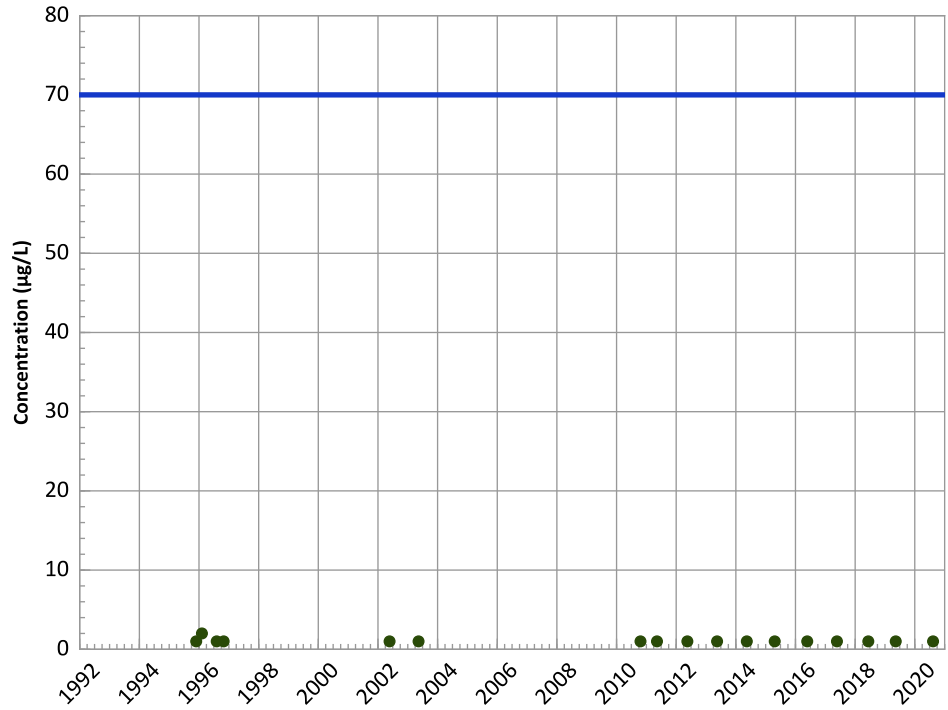
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

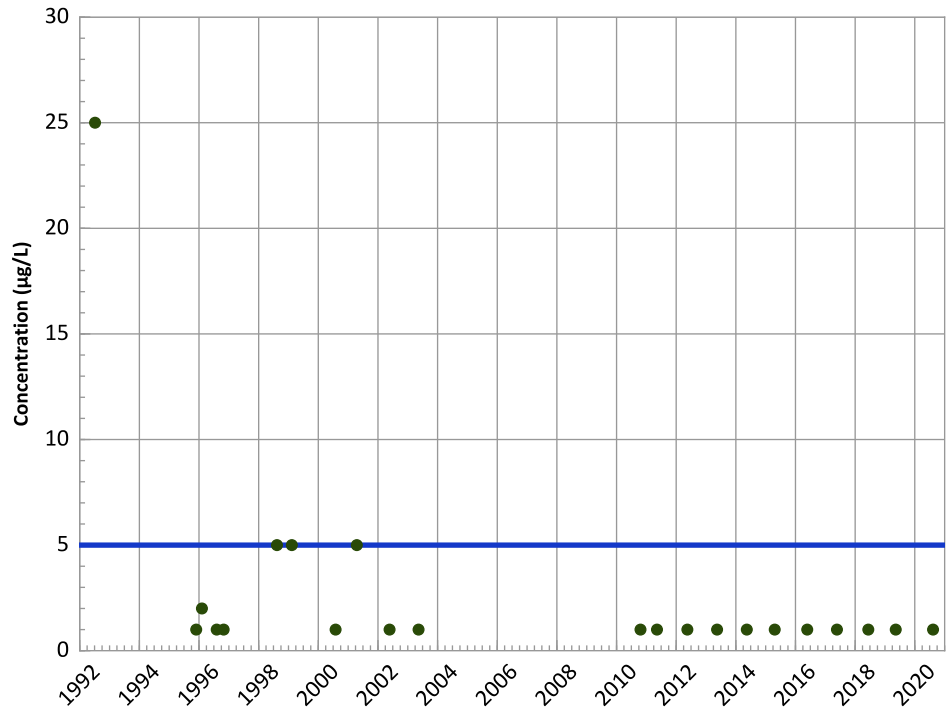
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

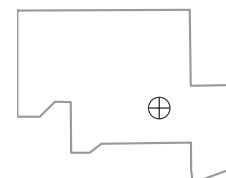
All Data:

All Non-Detect

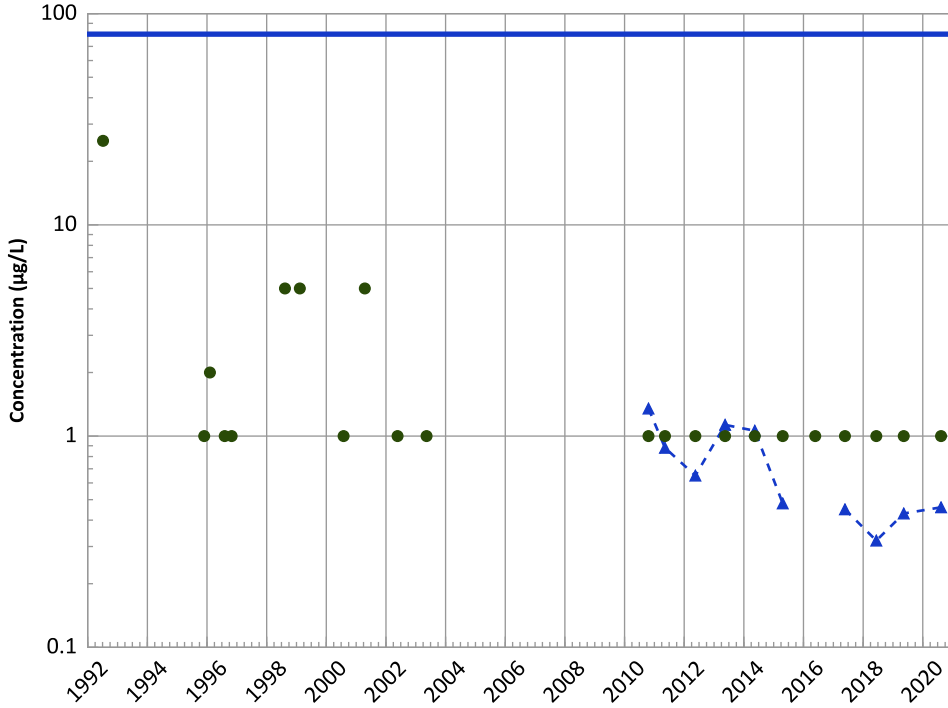
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

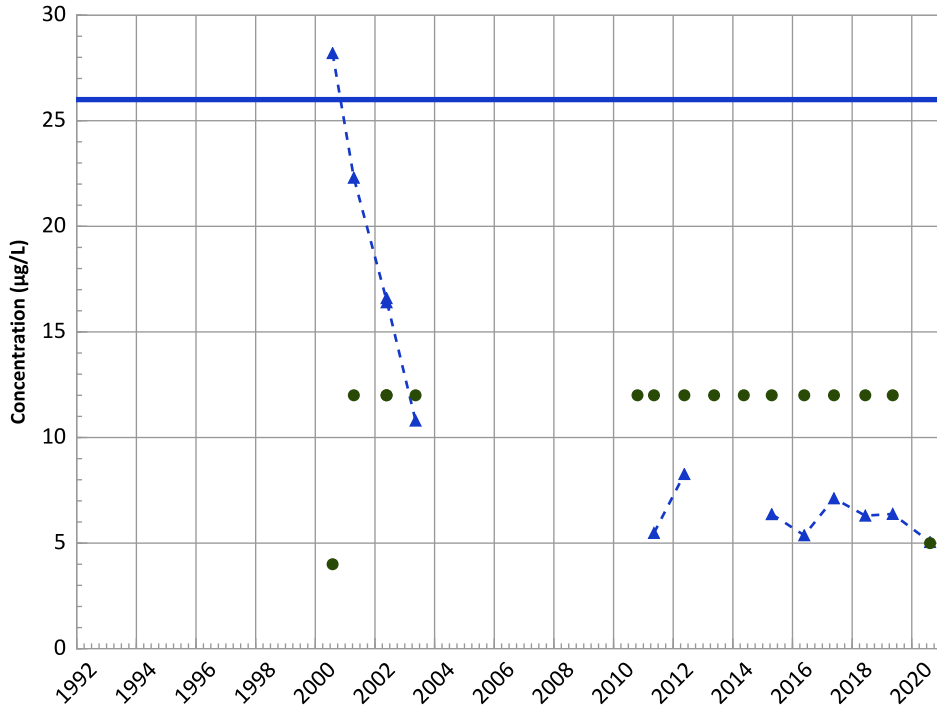


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Perchlorate Trend



Concentration Trend

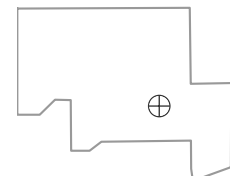
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

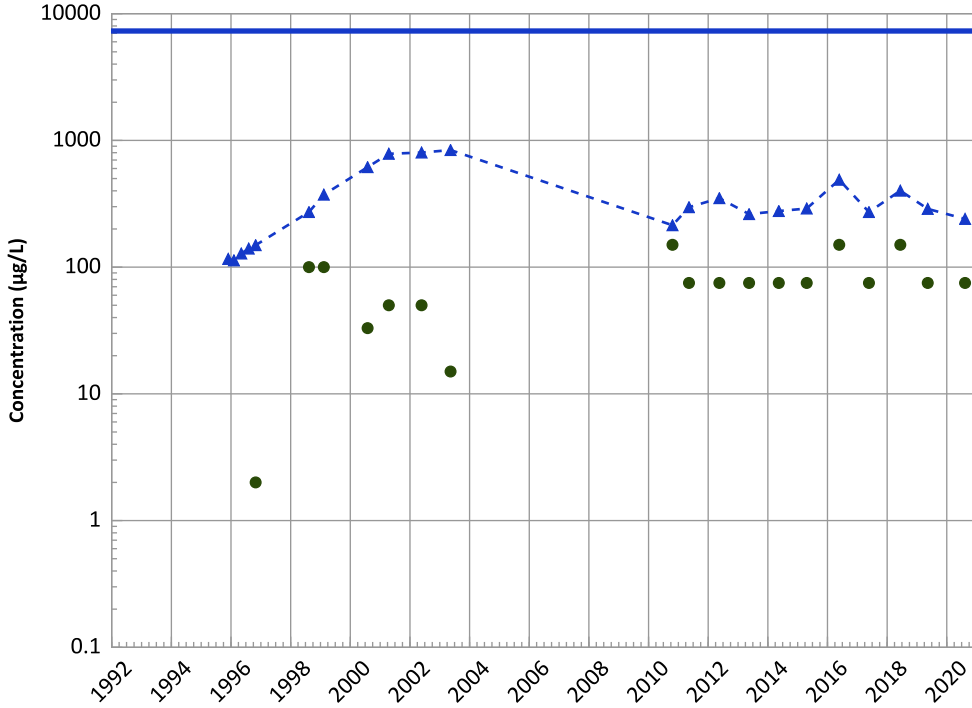
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

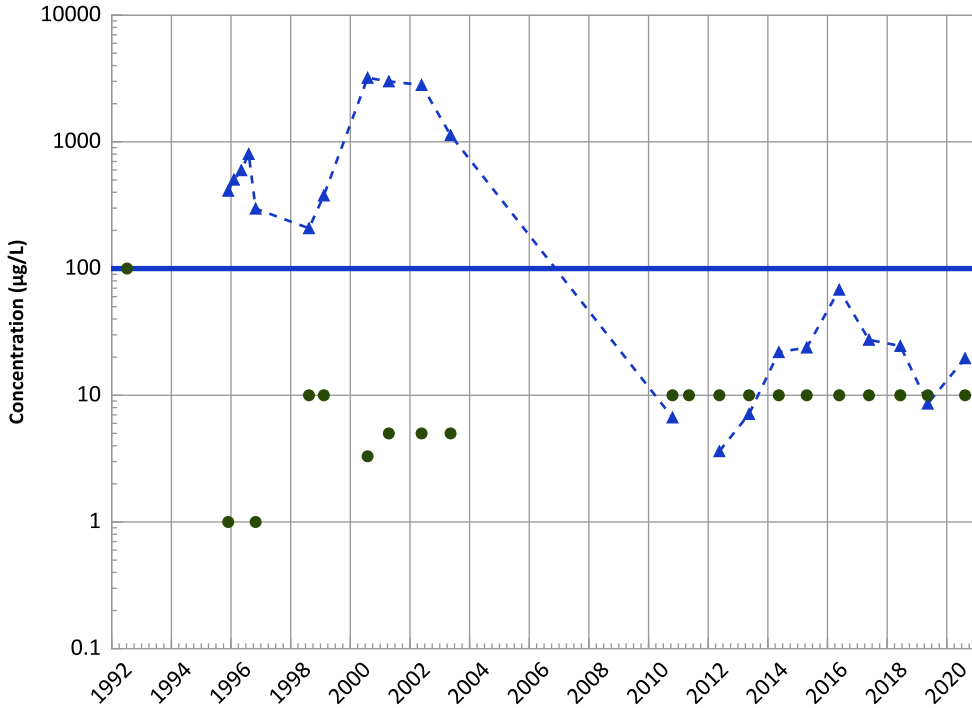
2018 - 2020 Data:

Stable

All Data:

No Trend

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

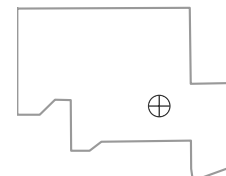
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

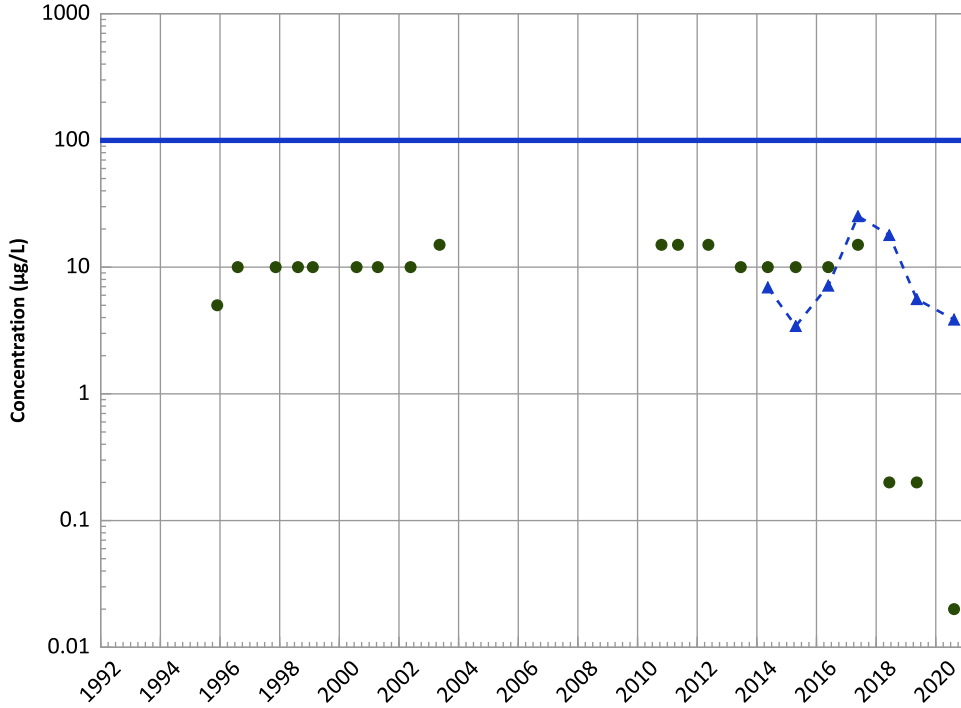
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Probably Increasing

MAROS Linear Regression Method

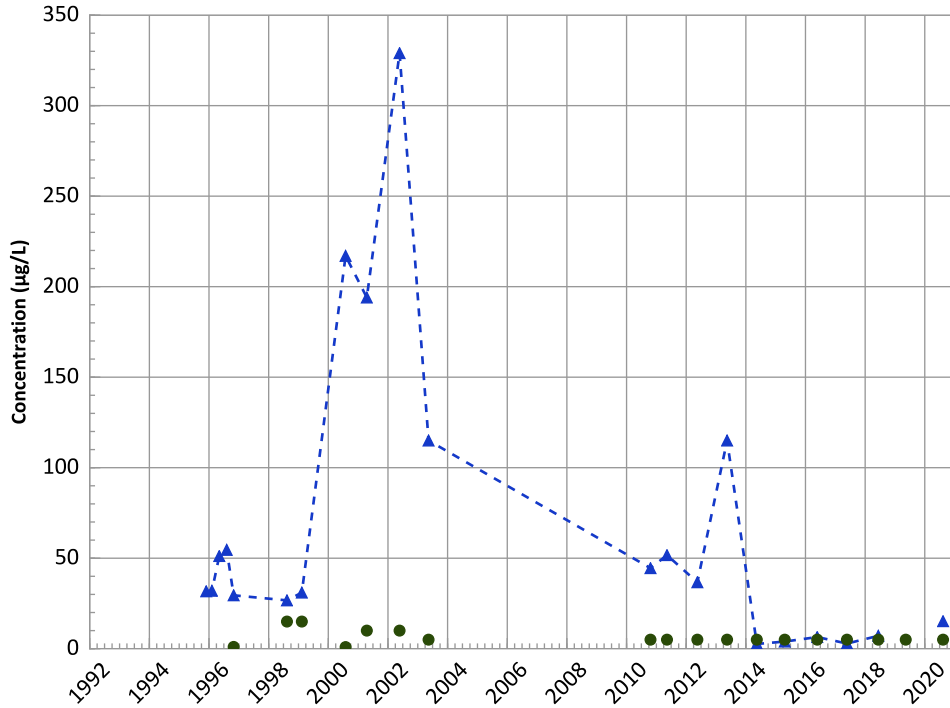
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

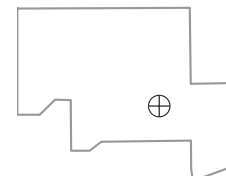
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

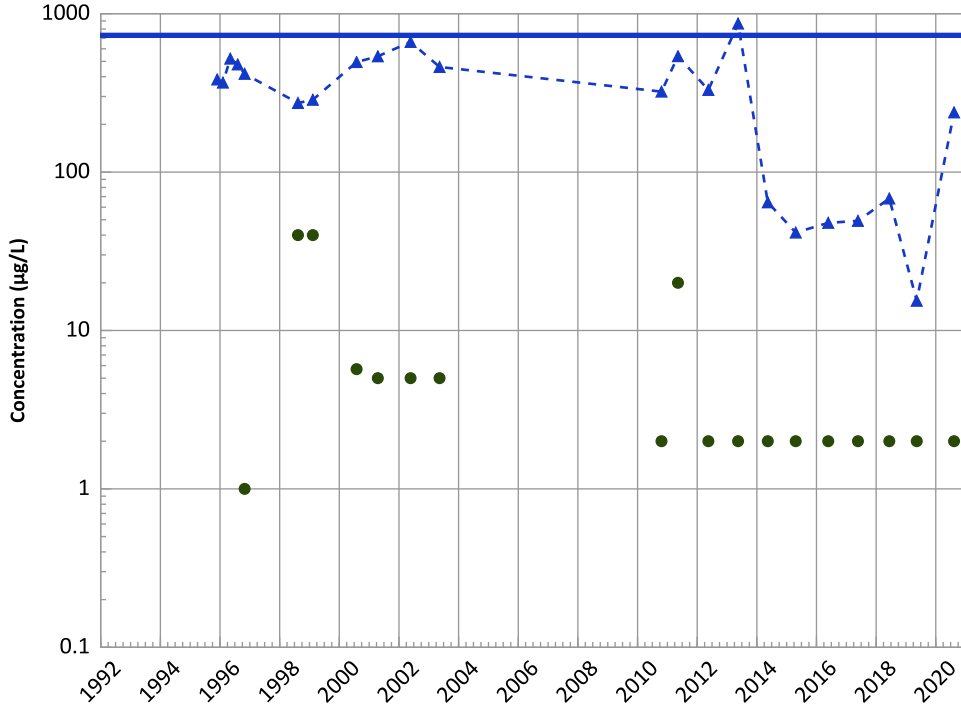
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

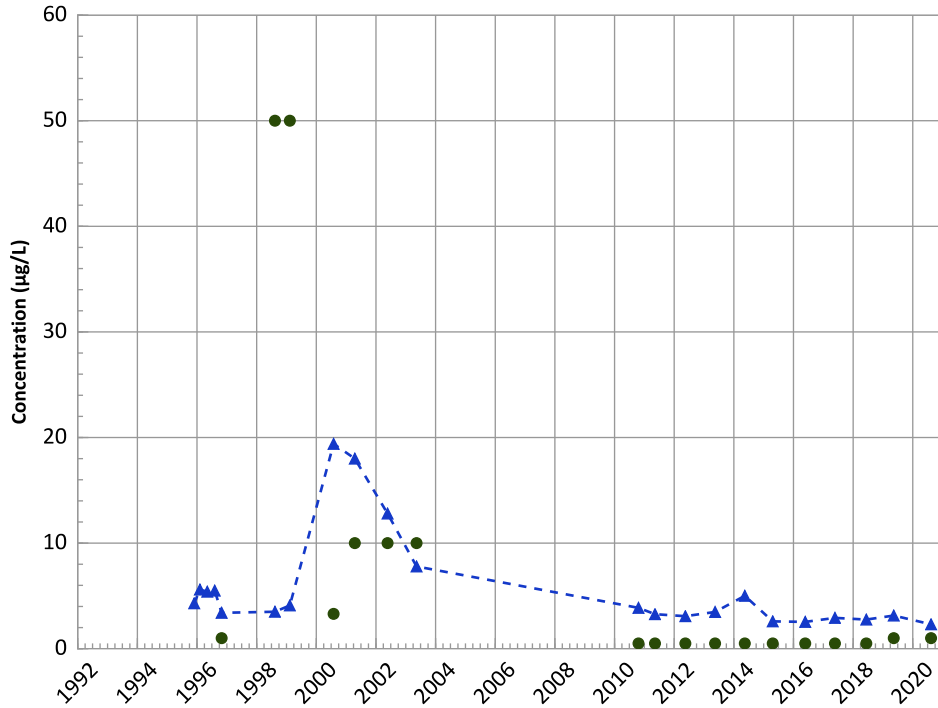
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

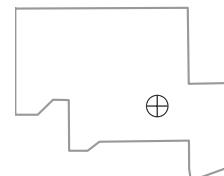
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

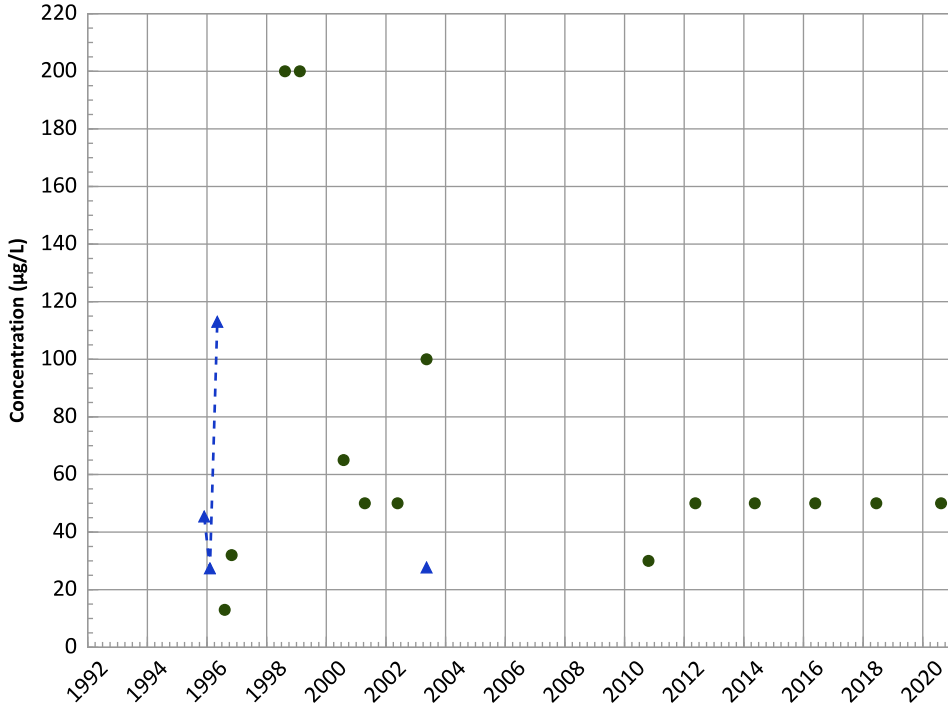
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

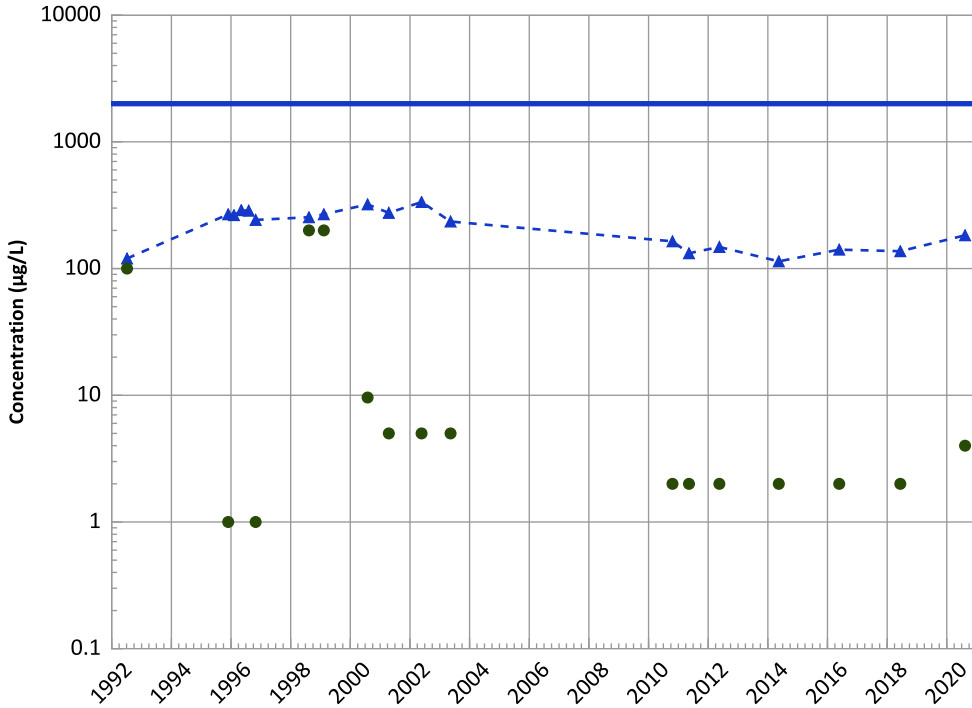
2018 - 2020 Data:

Stable

All Data:

Stable

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

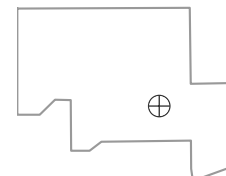
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

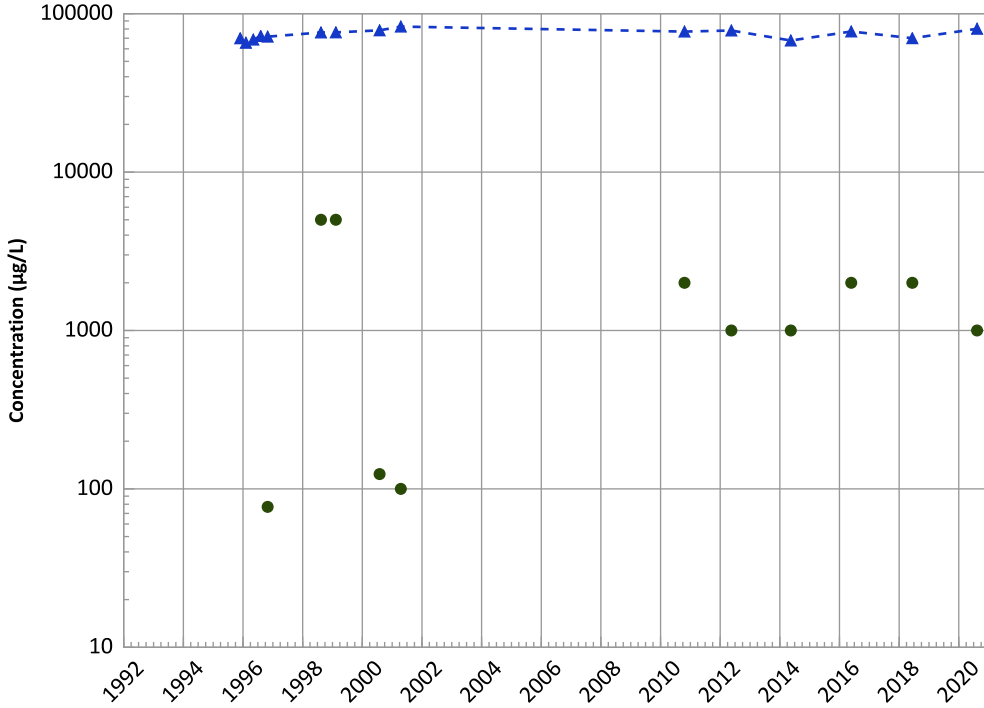
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

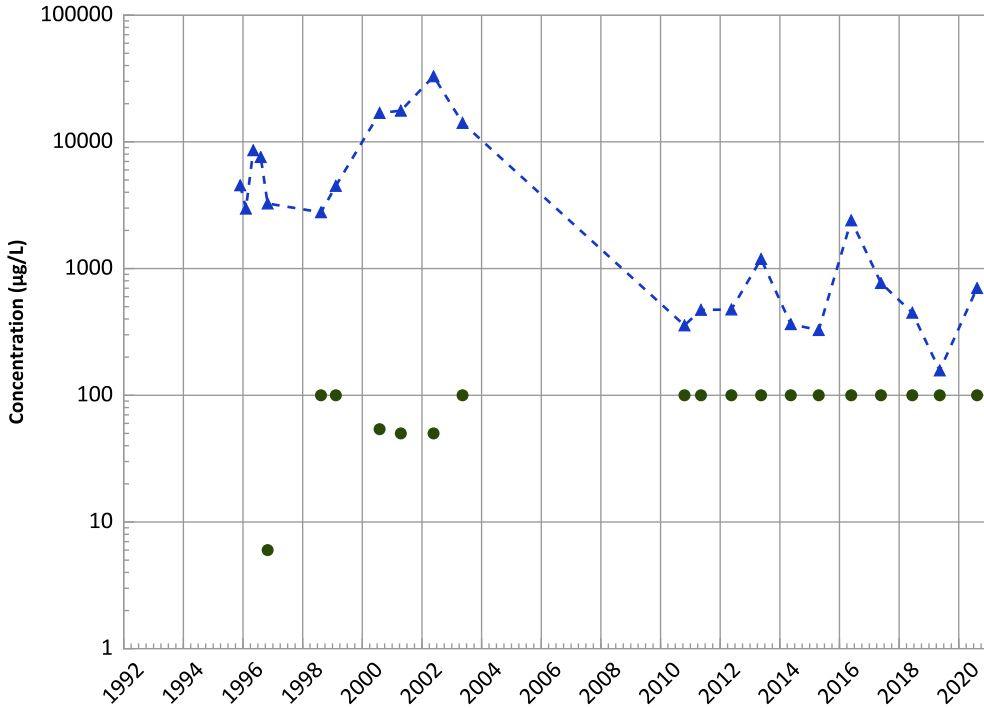
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

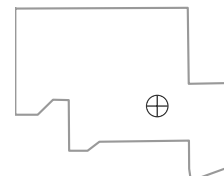
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

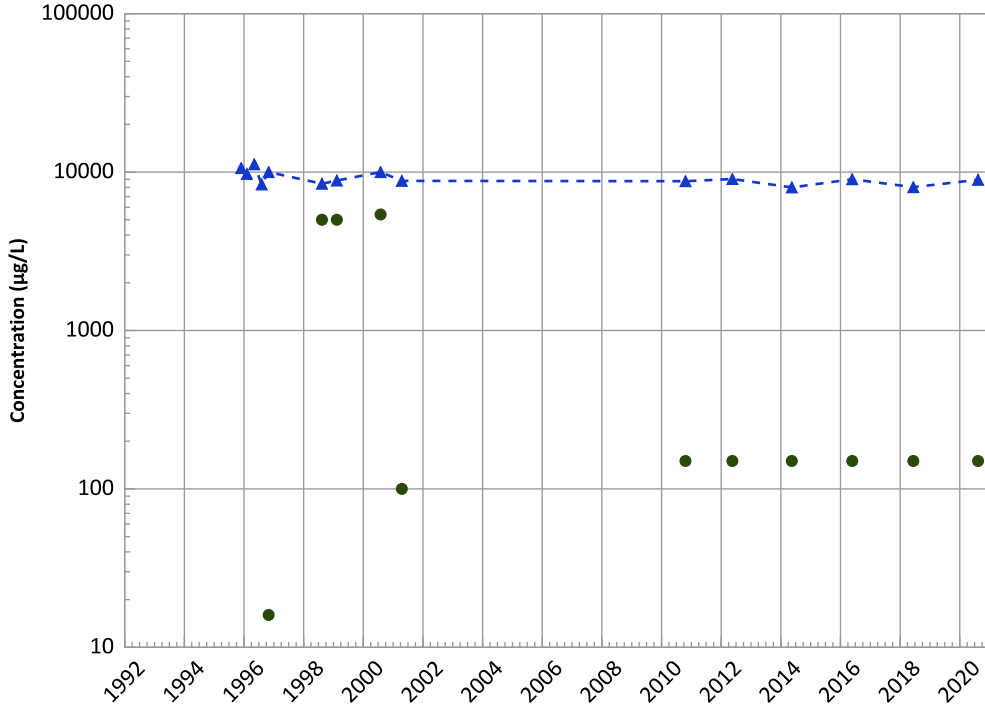
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

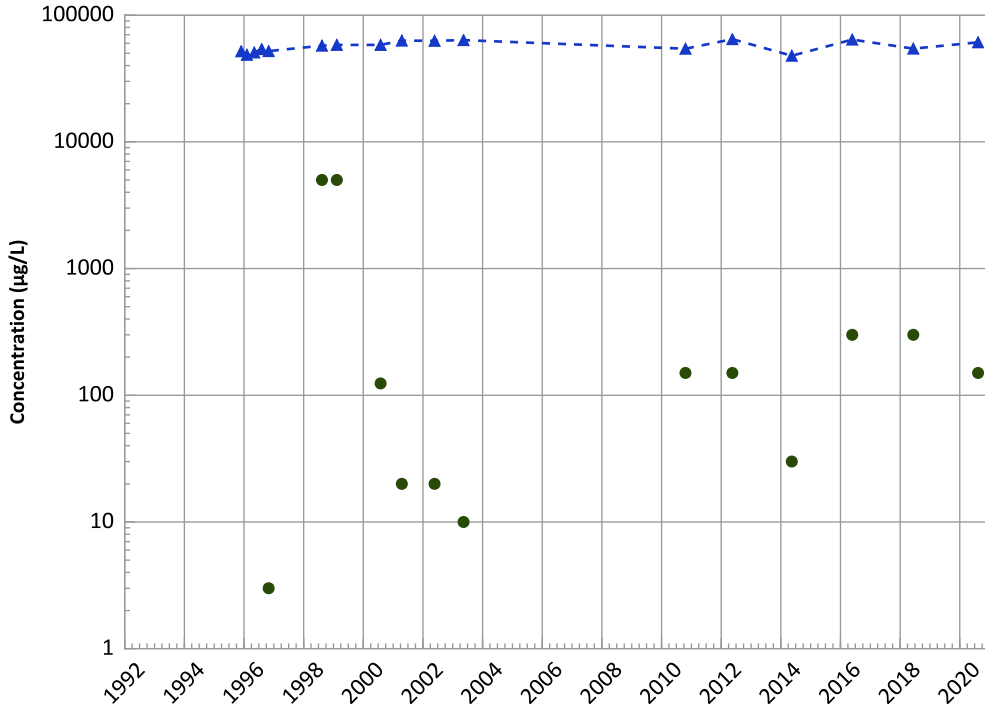
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

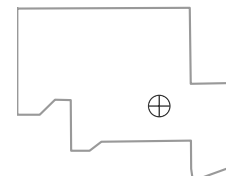
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

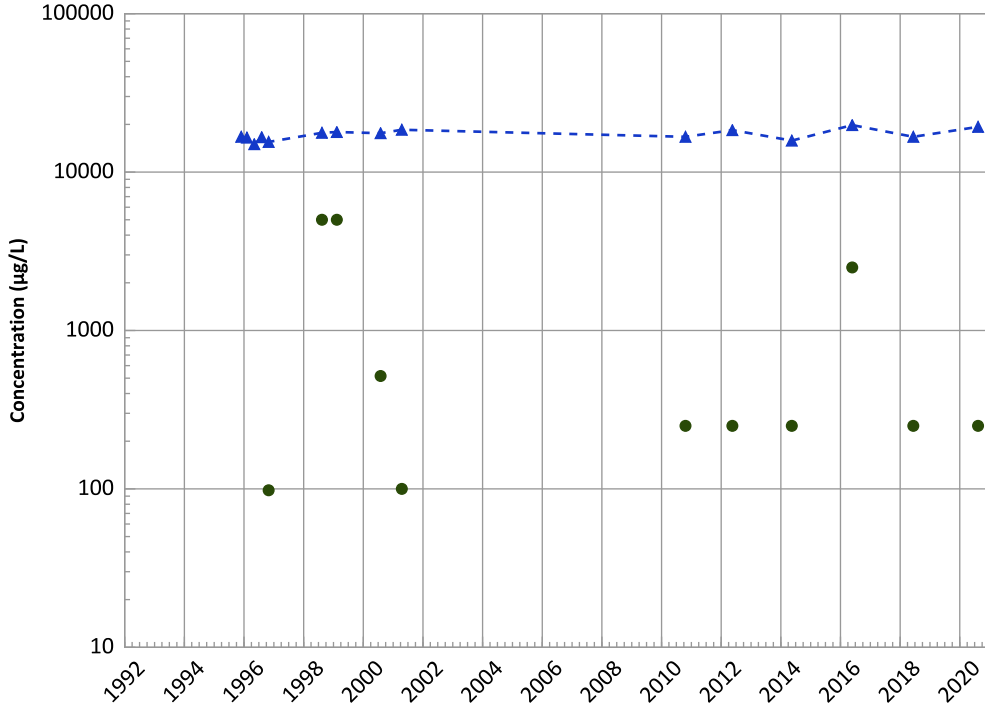
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

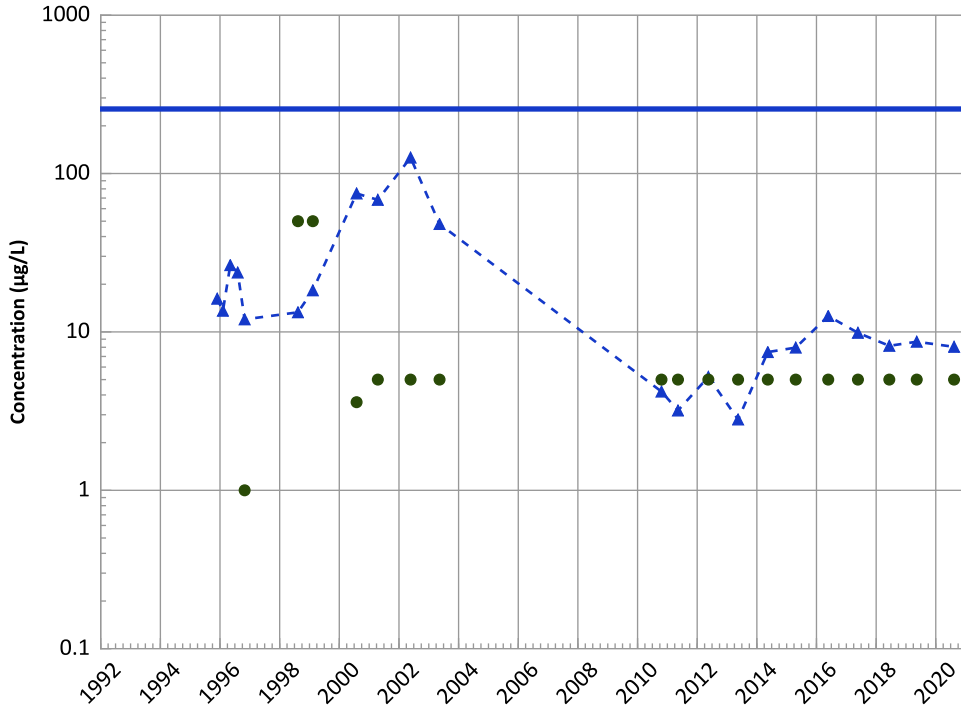
2018 - 2020 Data:

No Trend

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

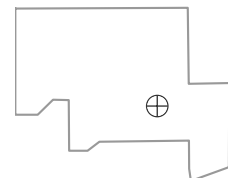
All Data:

Decreasing

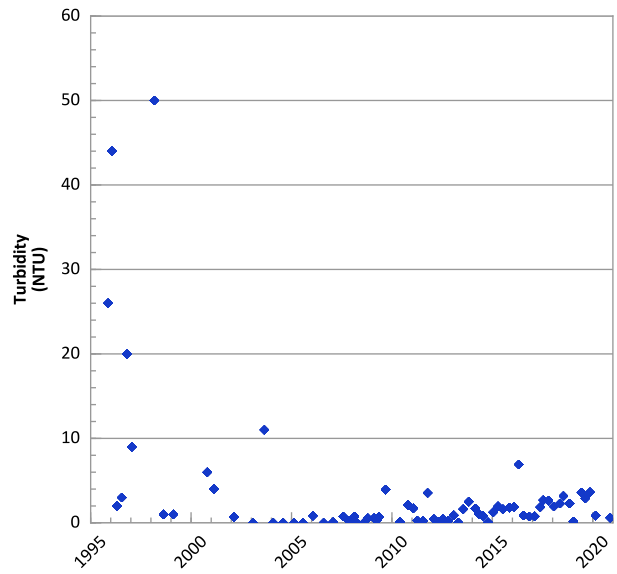
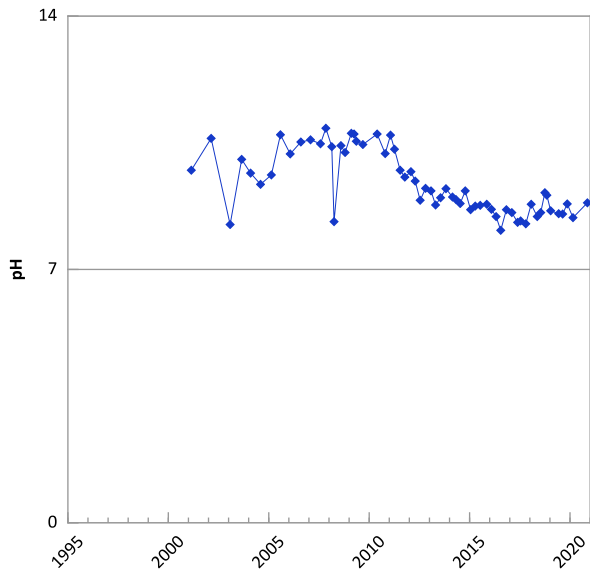
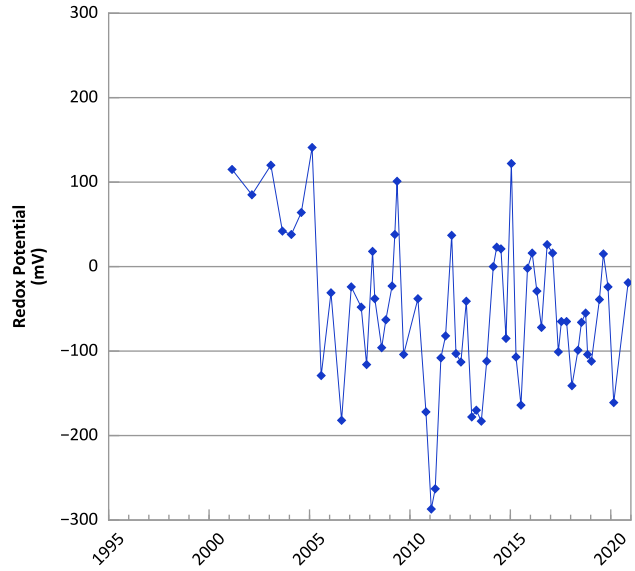
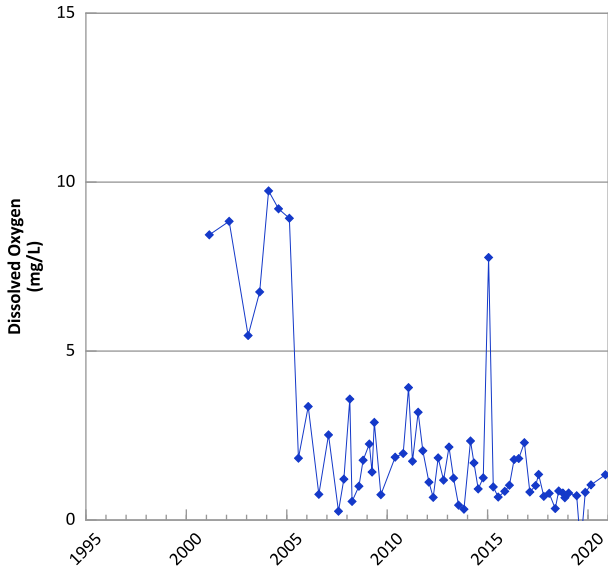
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 07/07/1992 to 08/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

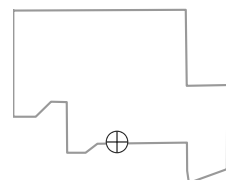


**PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



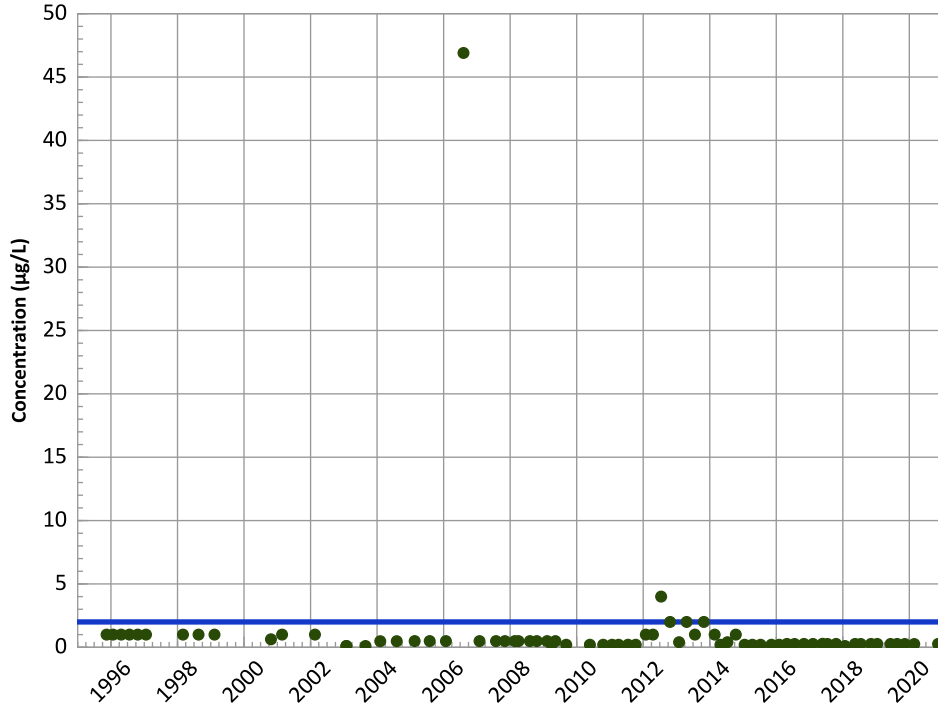
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/14/1995 to 11/12/2020
 Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

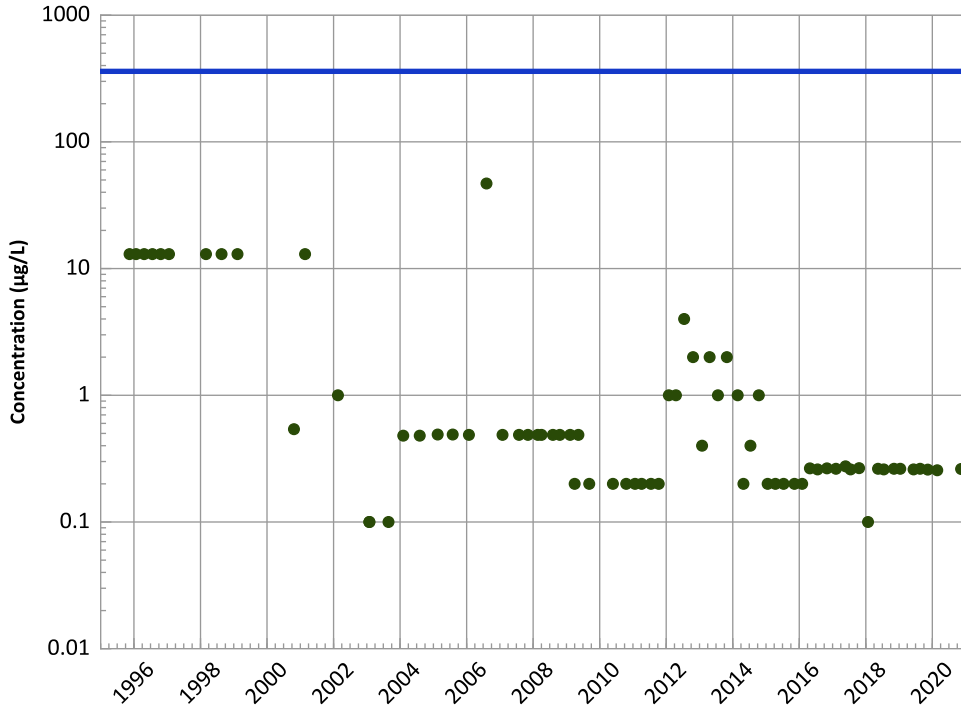
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

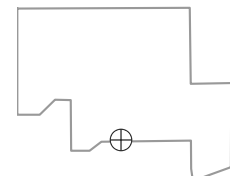
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

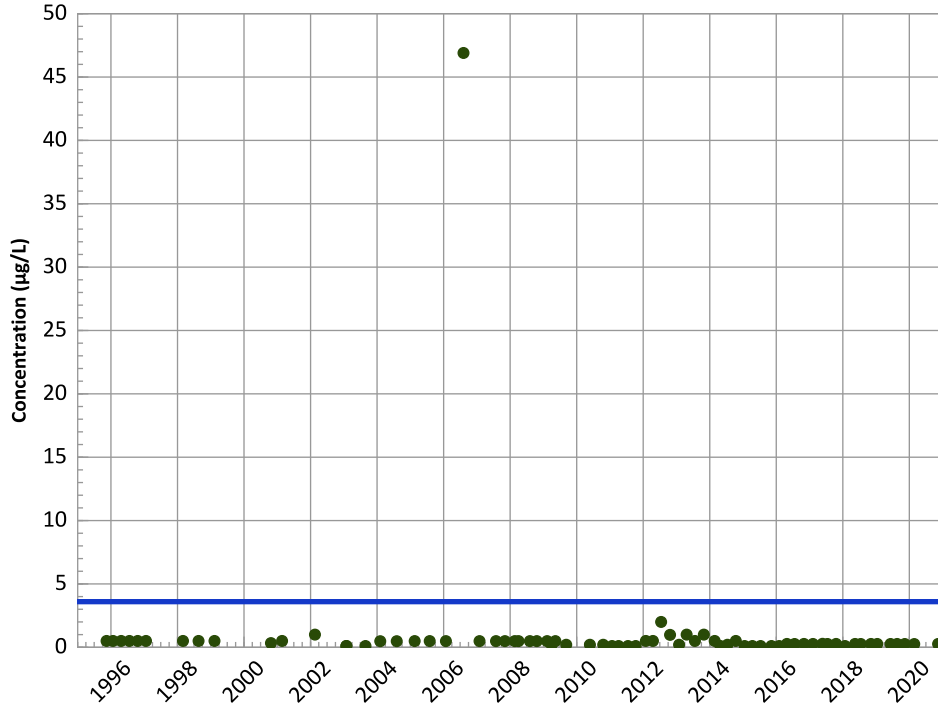
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

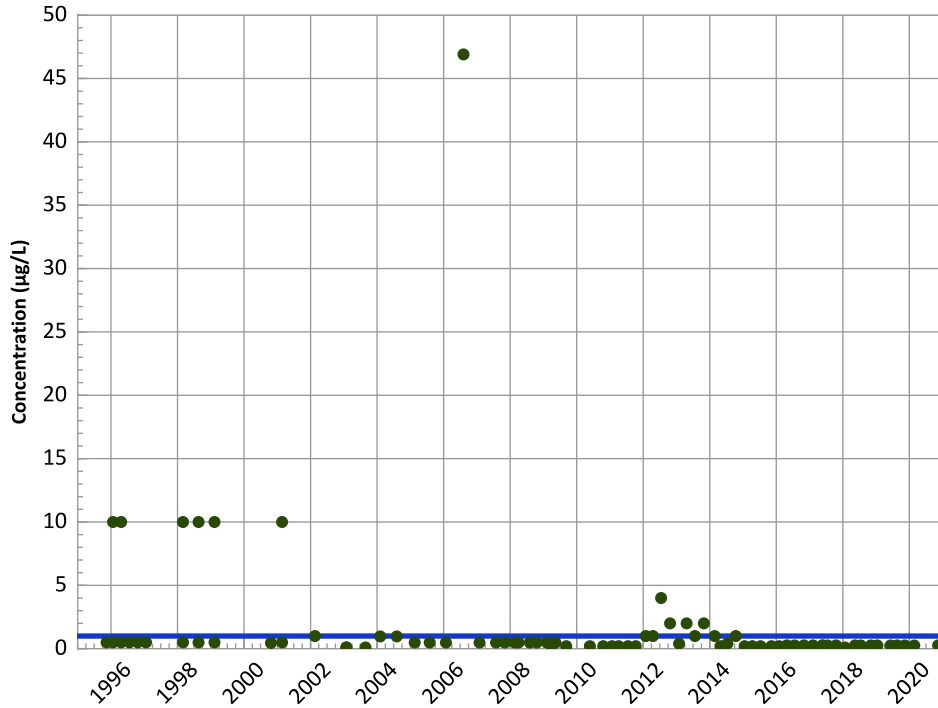
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

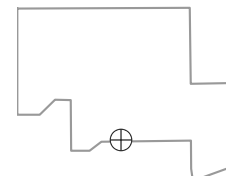
All Data:

All Non-Detect

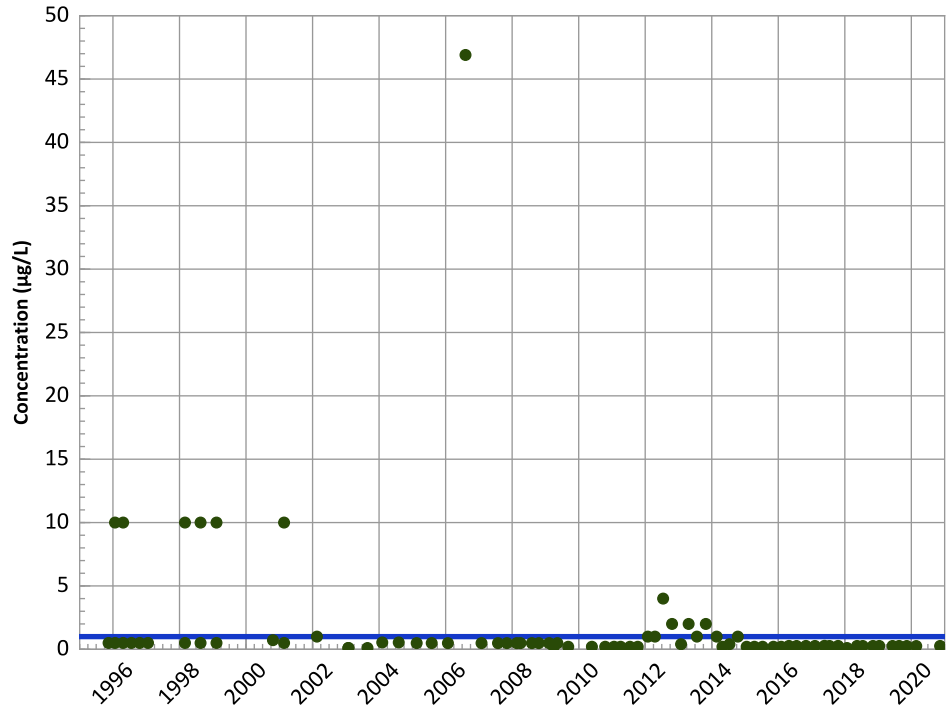
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:
All Non-Detect

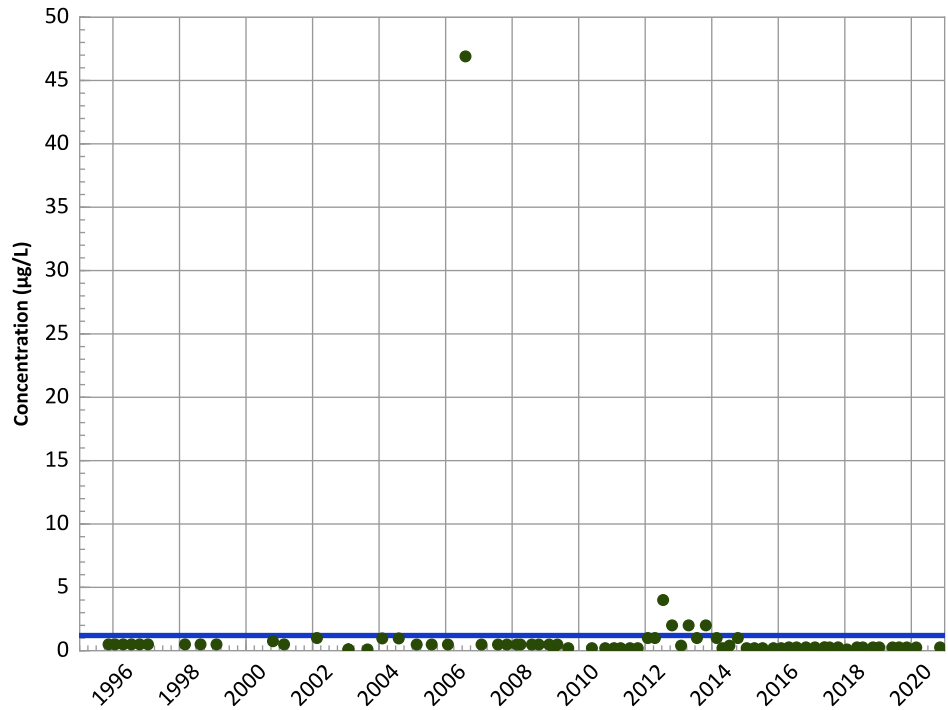
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

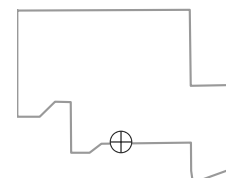
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

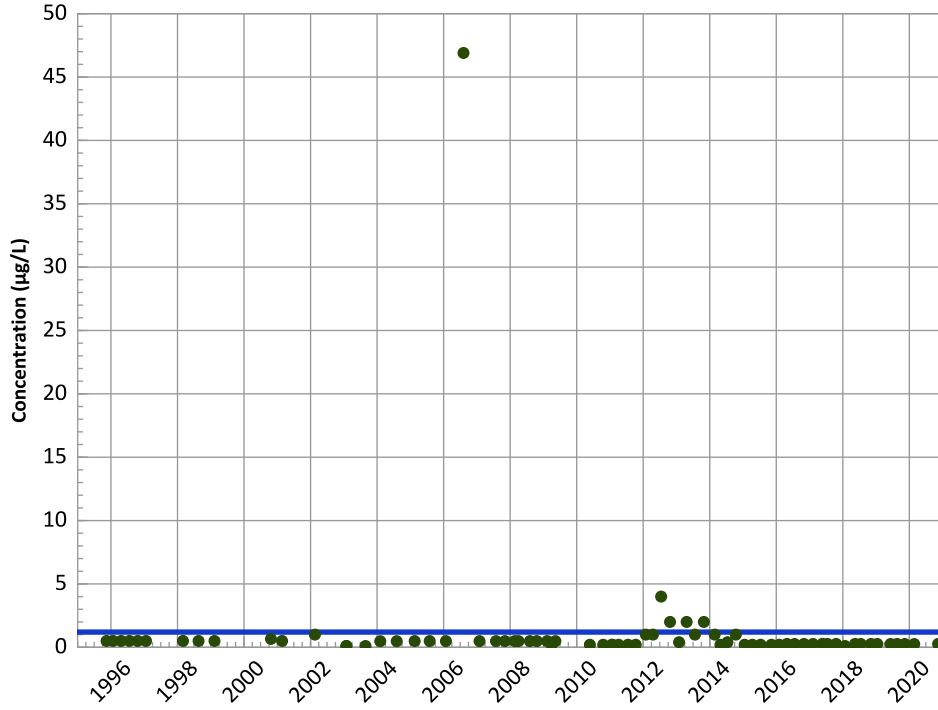
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

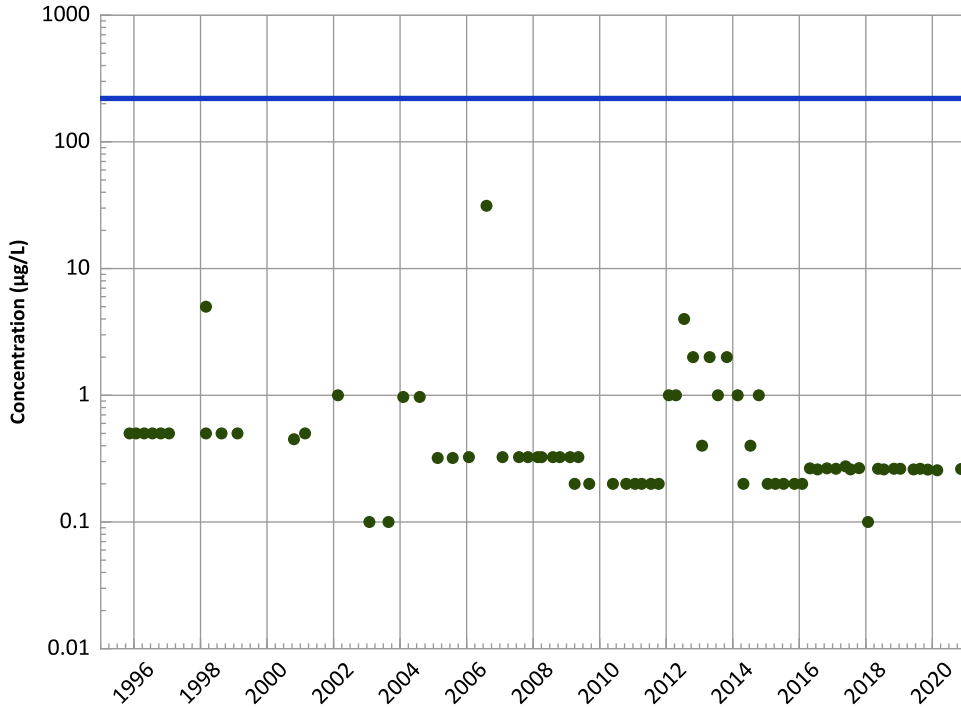
2018 - 2020 Data:

Stable

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

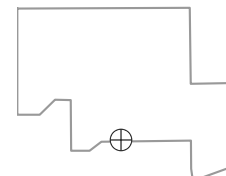
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

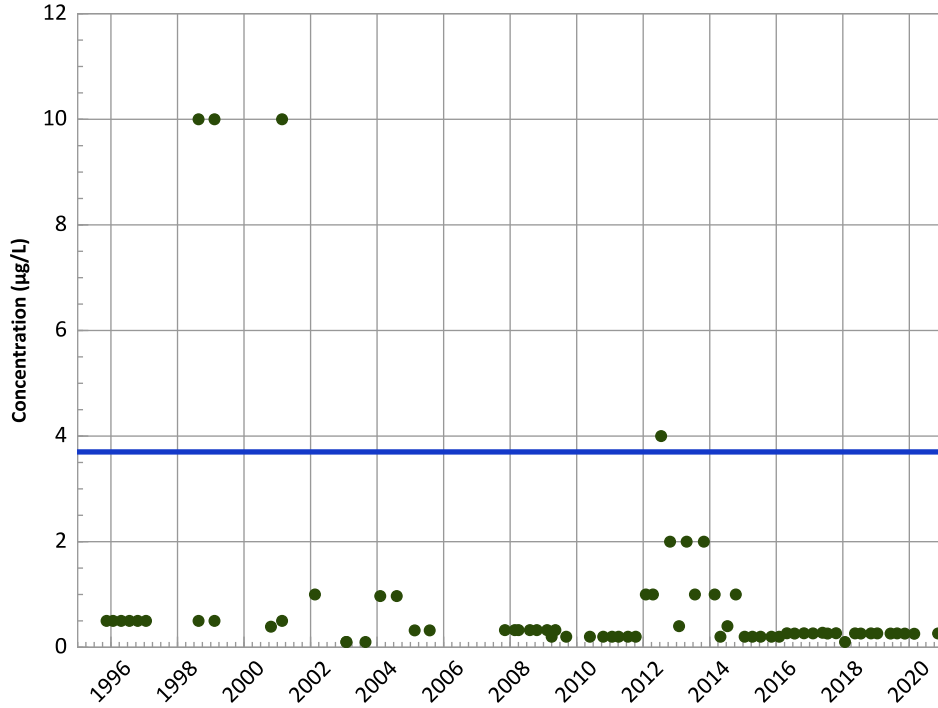
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

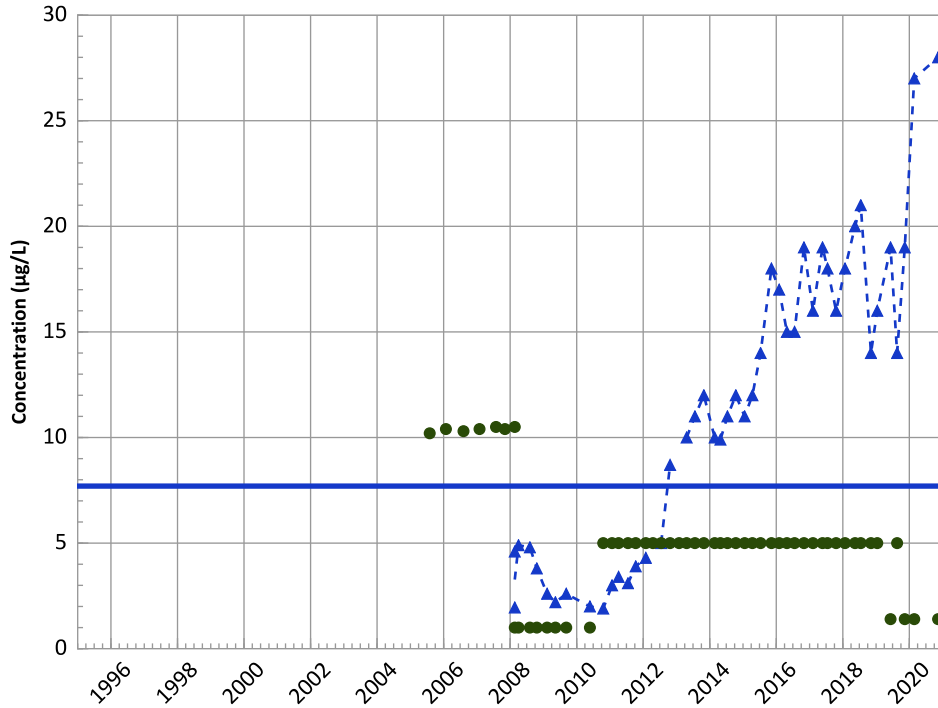
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

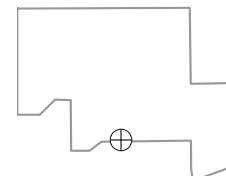
All Data:

Increasing

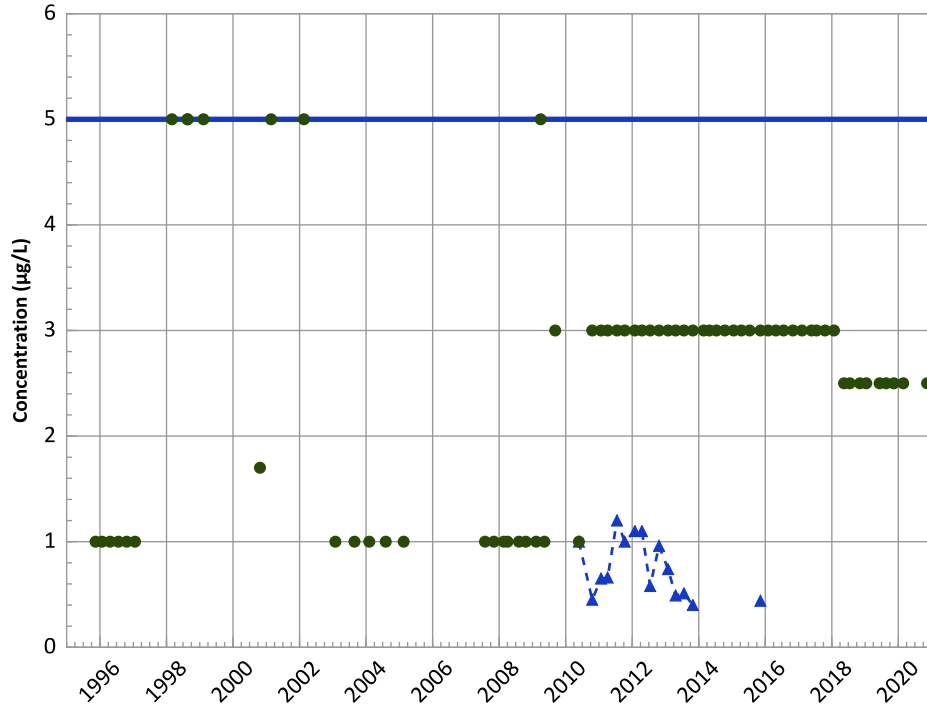
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Increasing

MAROS Linear Regression Method

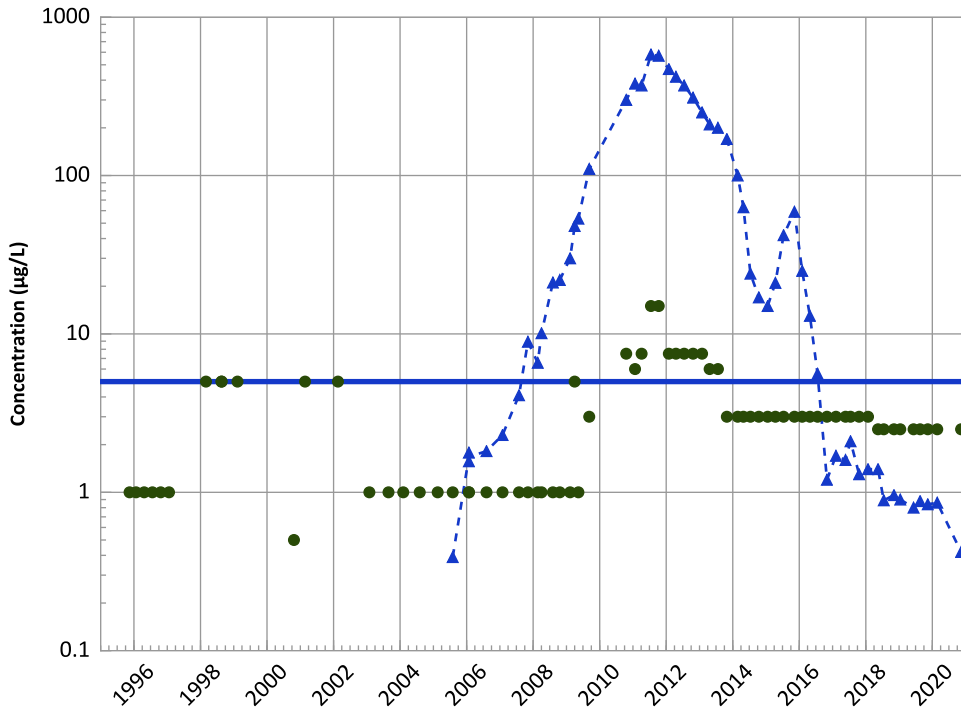
2018 - 2020 Data:

Stable

All Data:

Decreasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

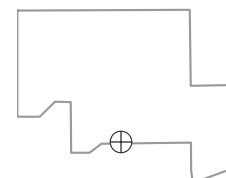
2018 - 2020 Data:

Stable

All Data:

Decreasing

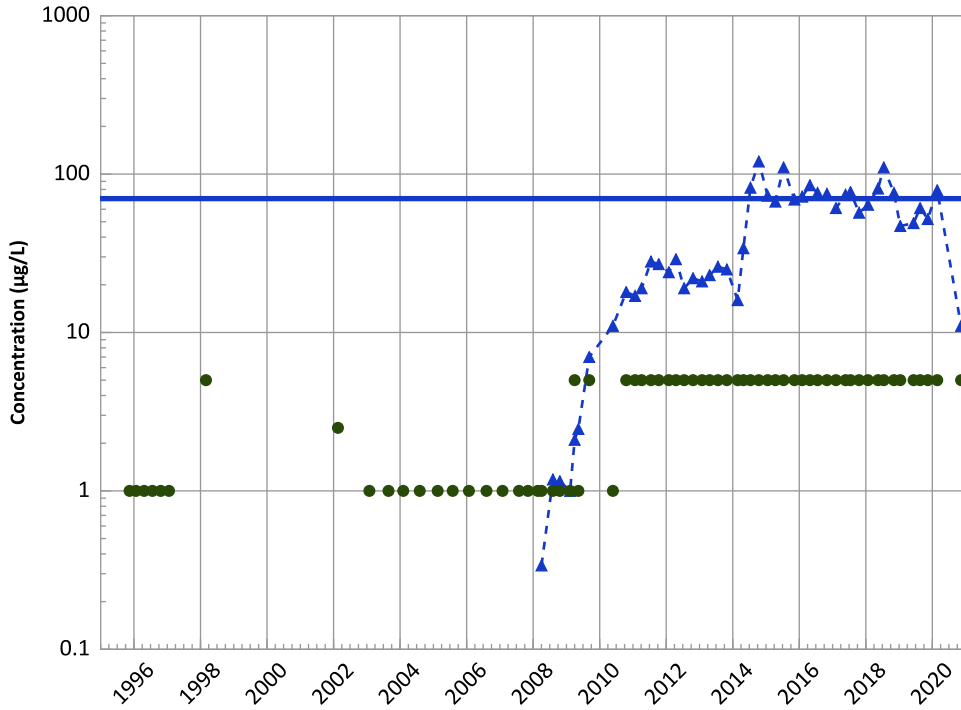
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

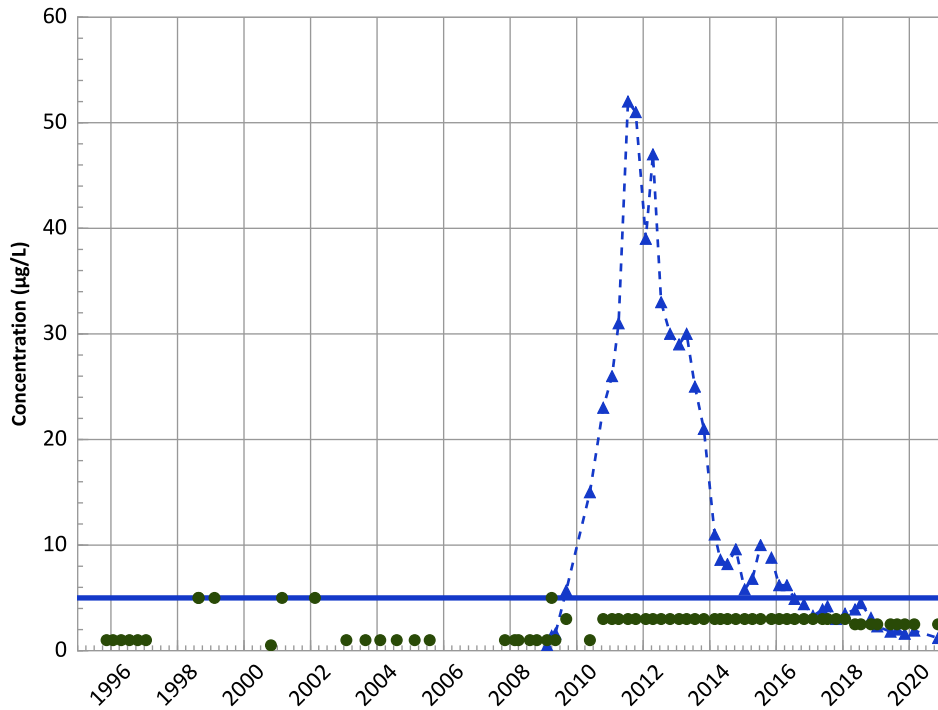
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

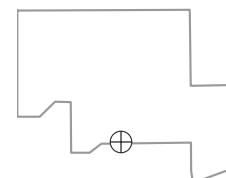
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

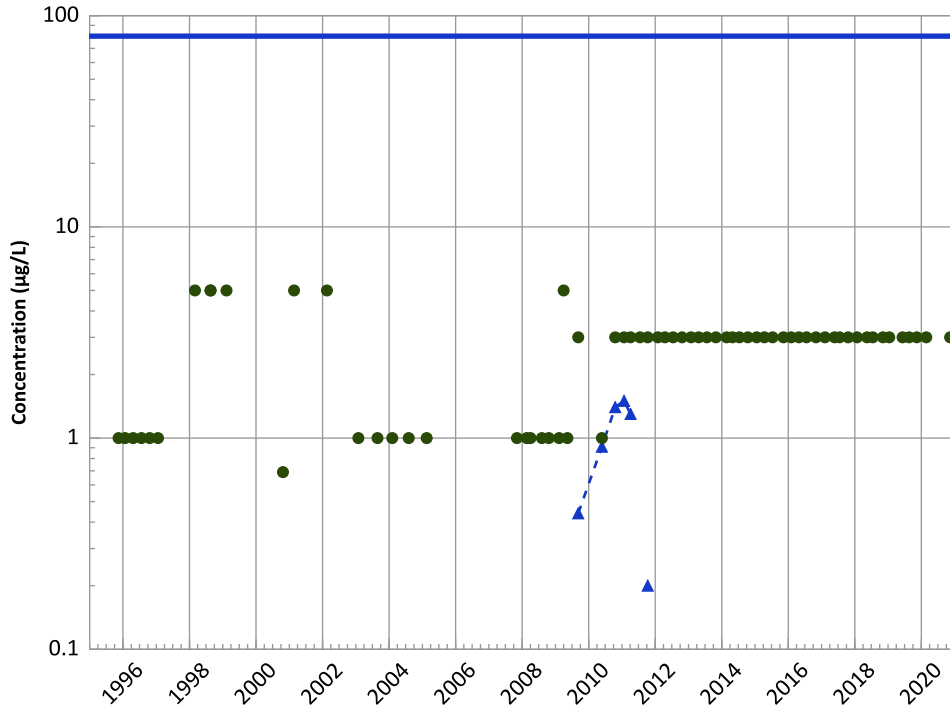
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

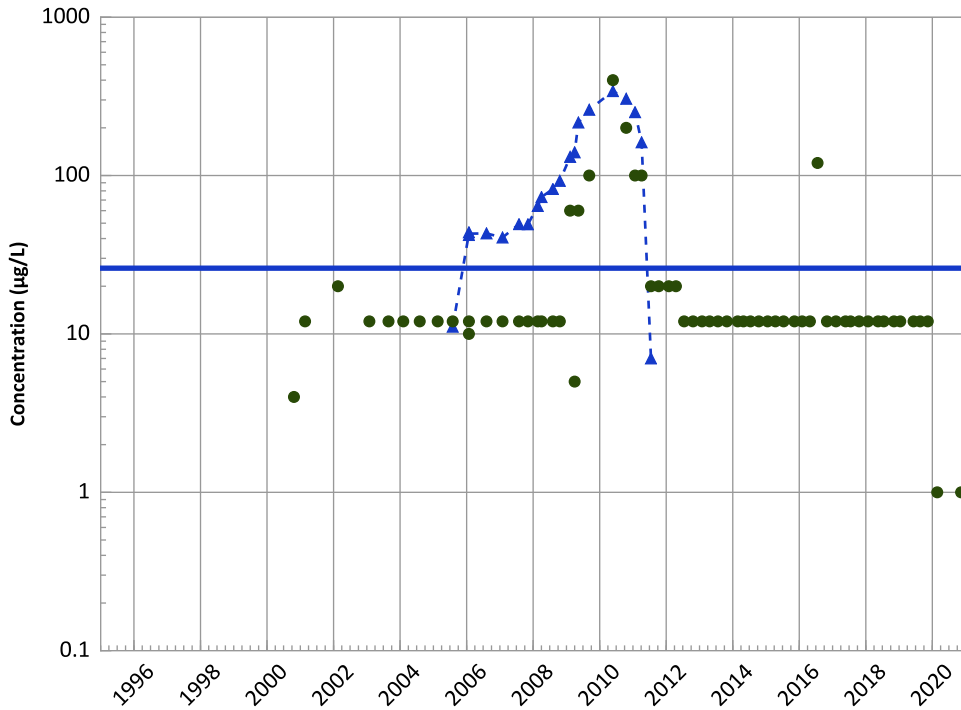


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Perchlorate Trend

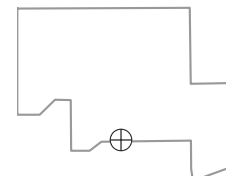


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Increasing

Well Location

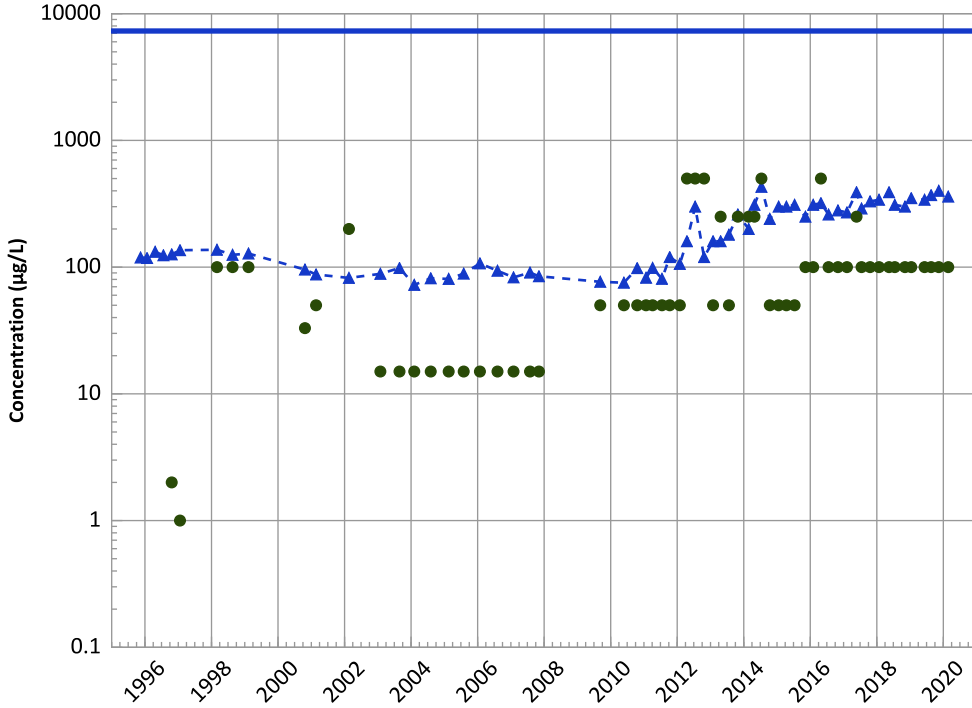


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

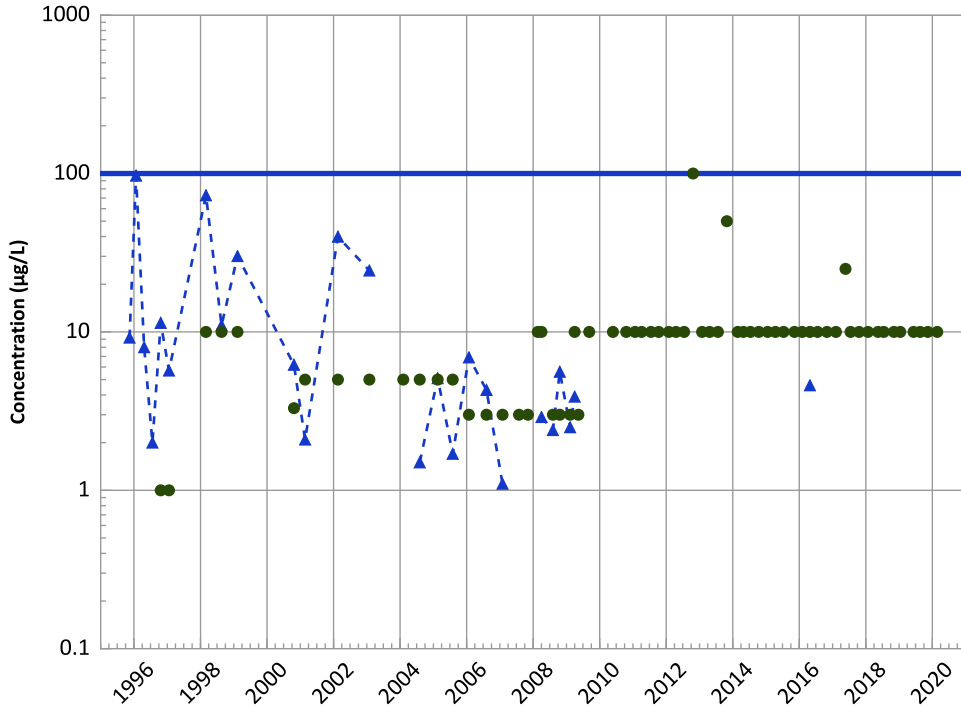
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

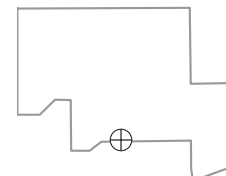
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

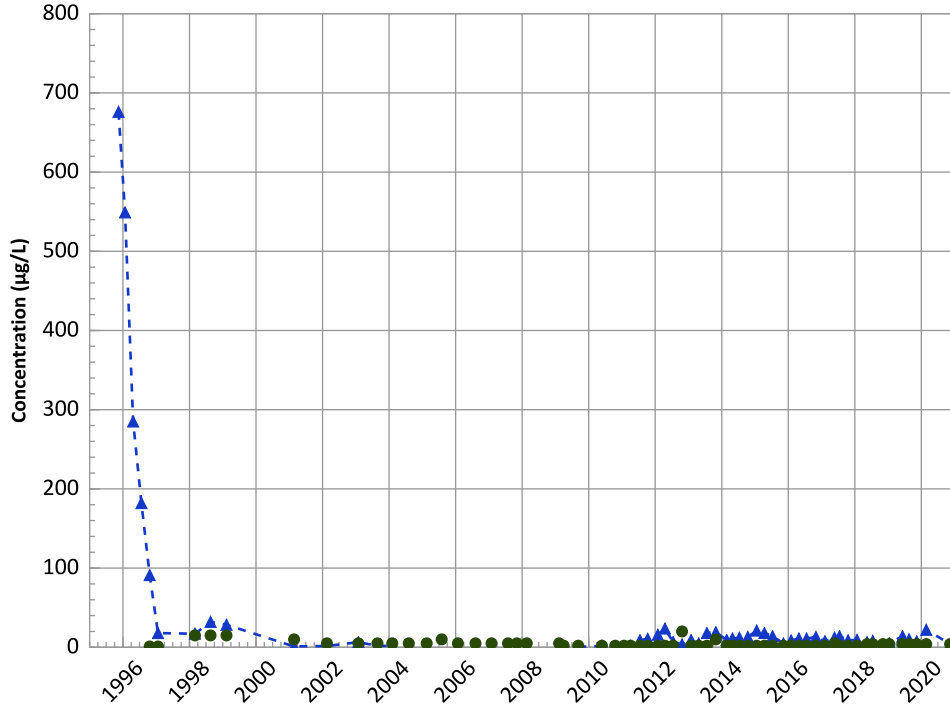
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

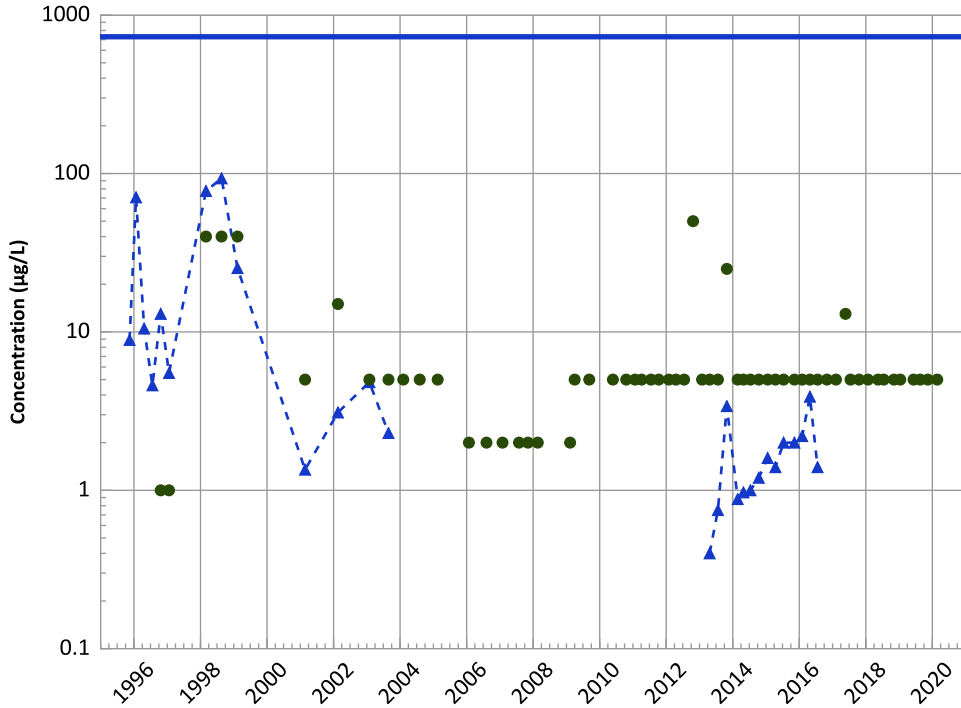
2018 - 2020 Data:

Stable

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

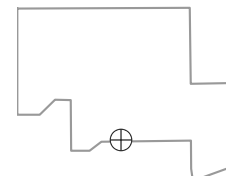
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

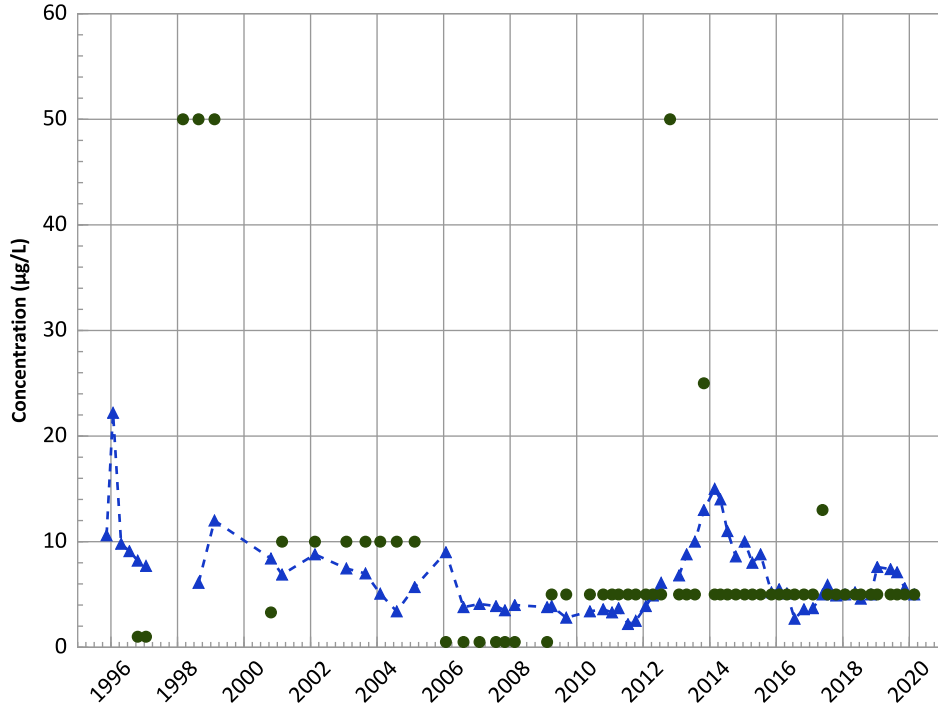
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

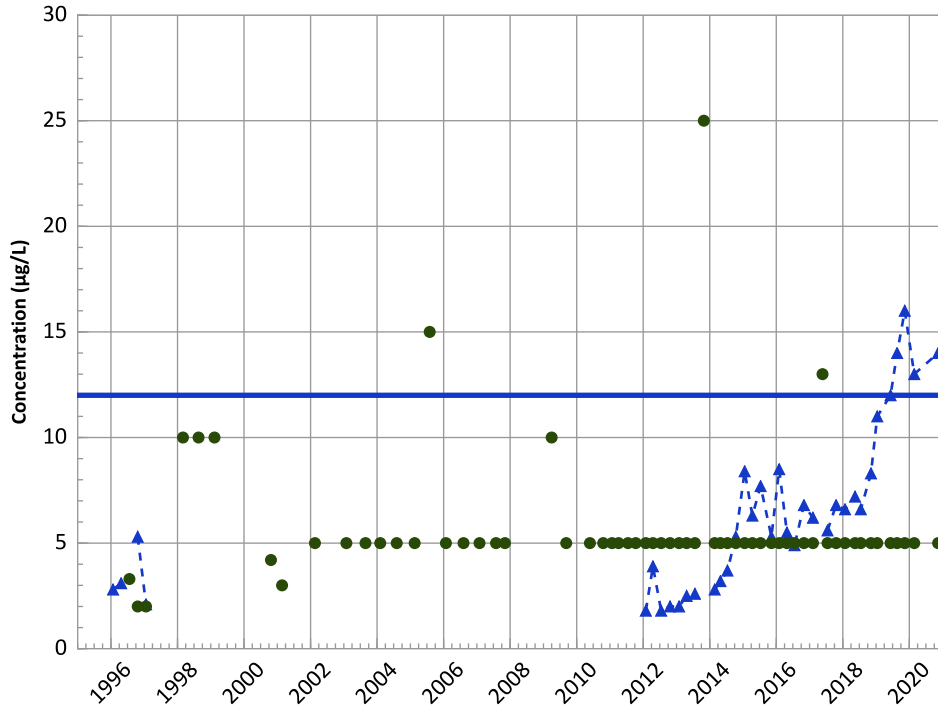
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

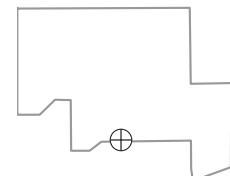
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

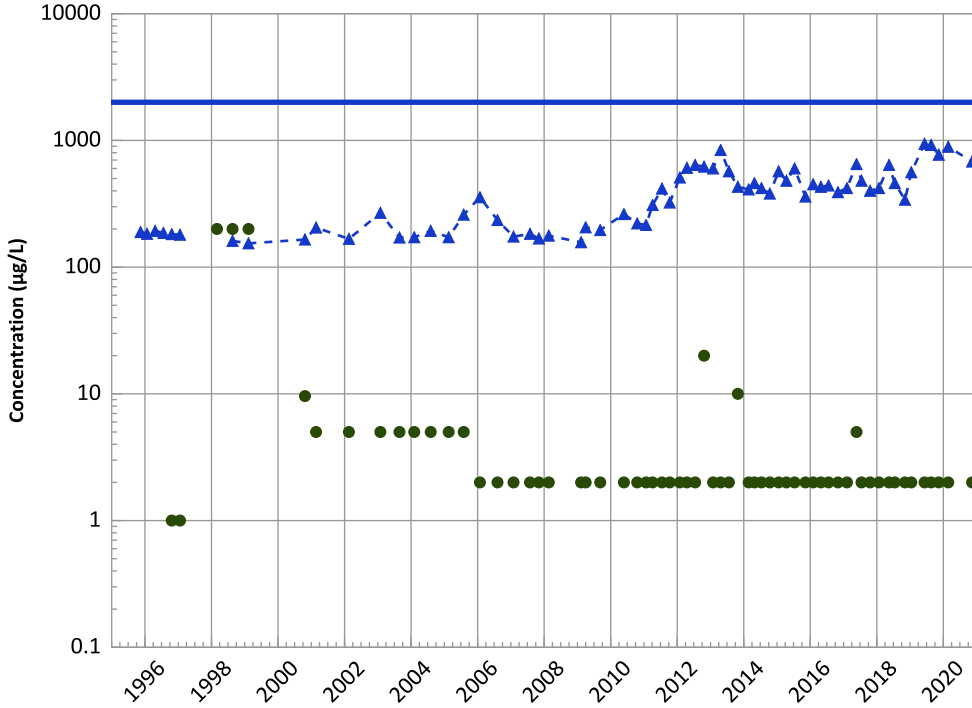


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

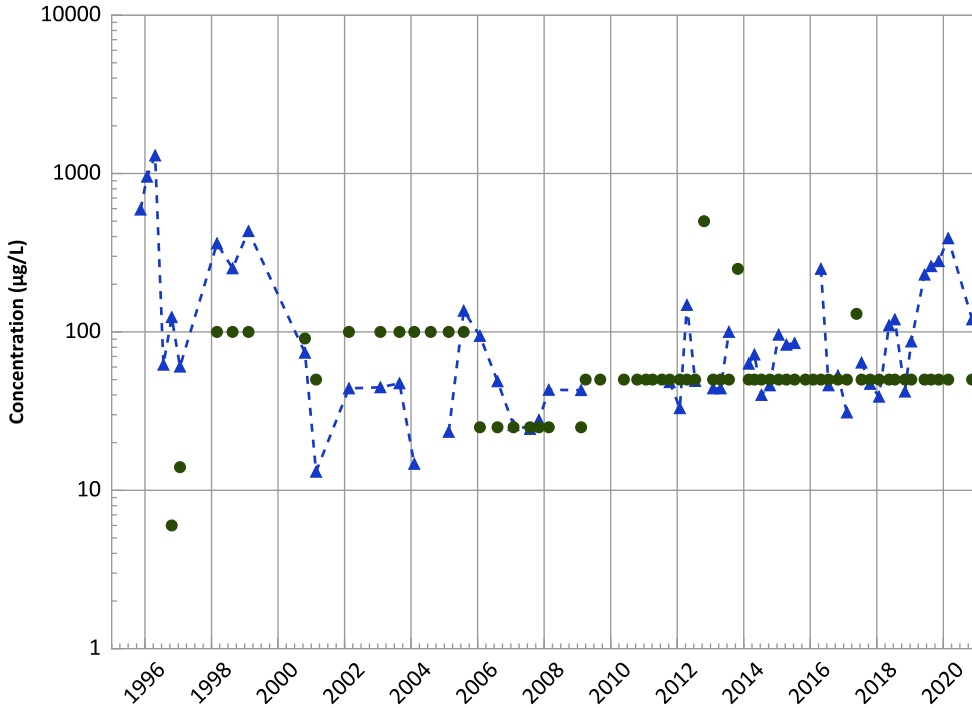
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

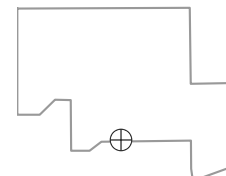
All Data:

No Trend

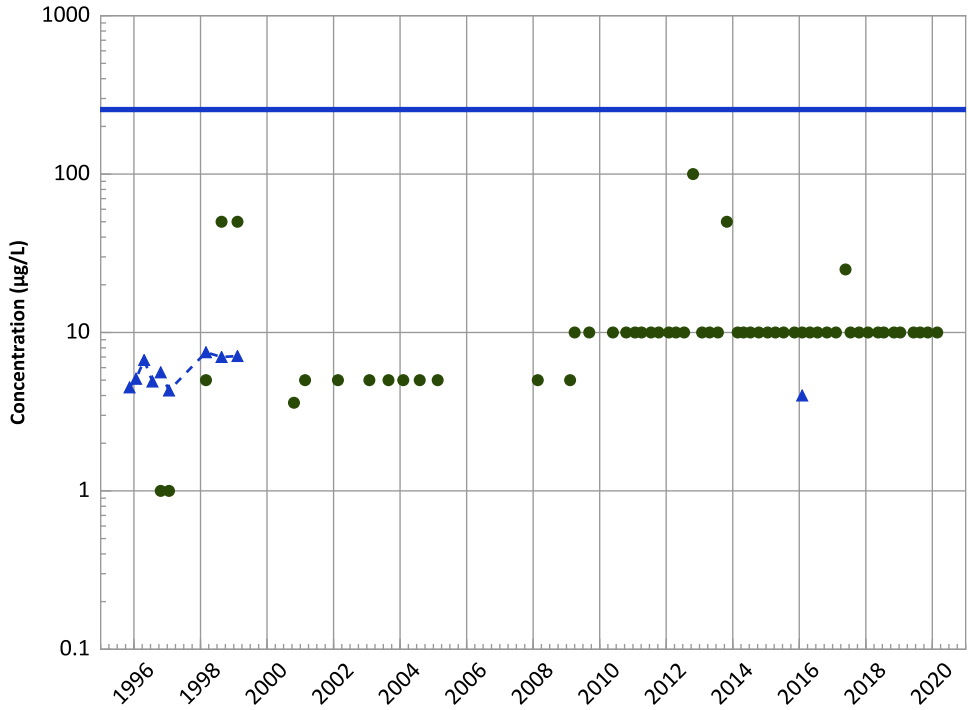
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend

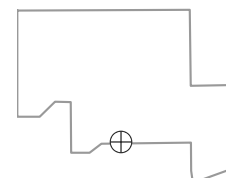


Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Increasing
 MAROS Linear Regression Method
 2018 - 2020 Data:
 Probably Increasing
 All Data:
 Decreasing

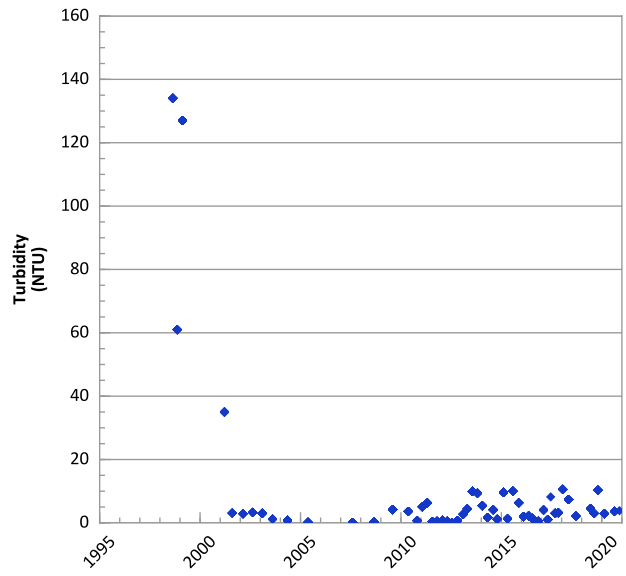
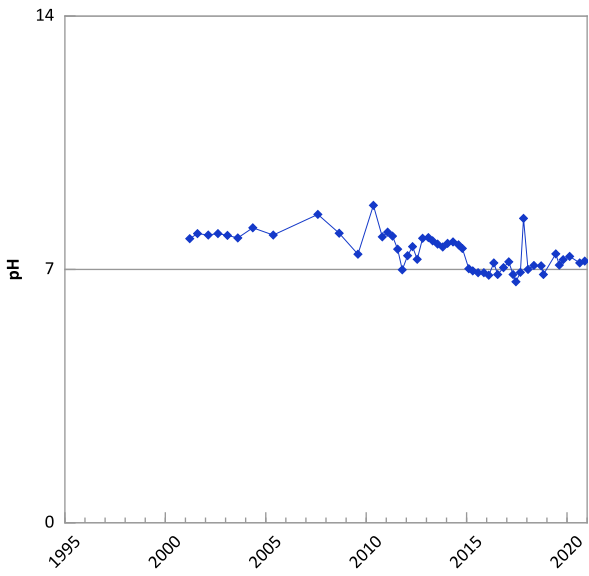
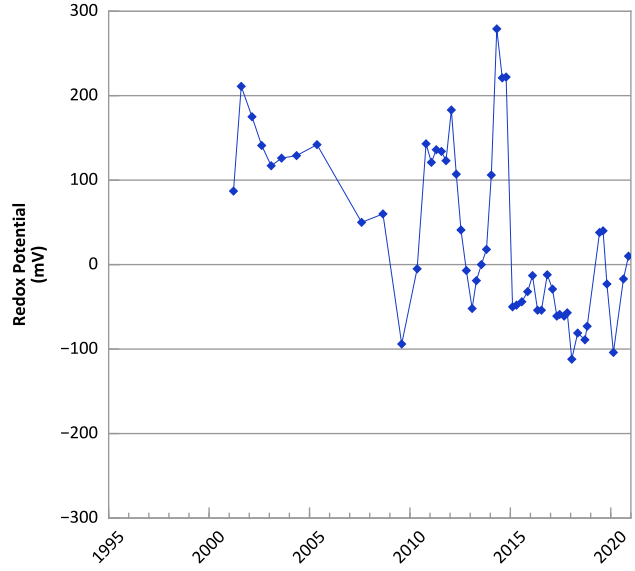
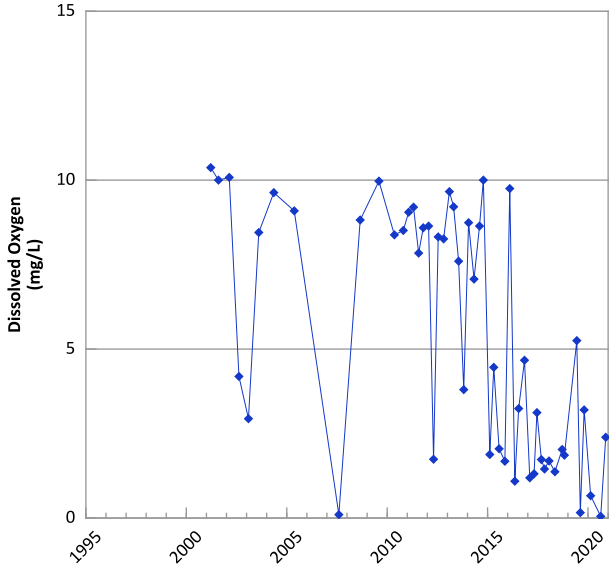
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/14/1995 to 11/12/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

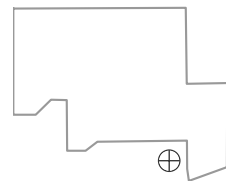


**PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



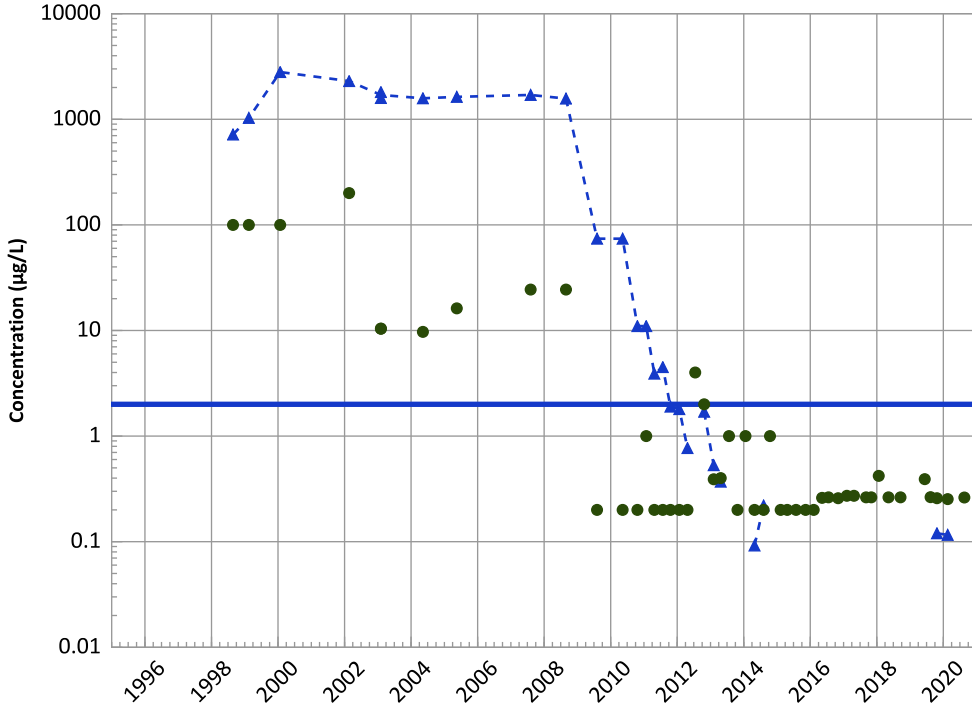
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



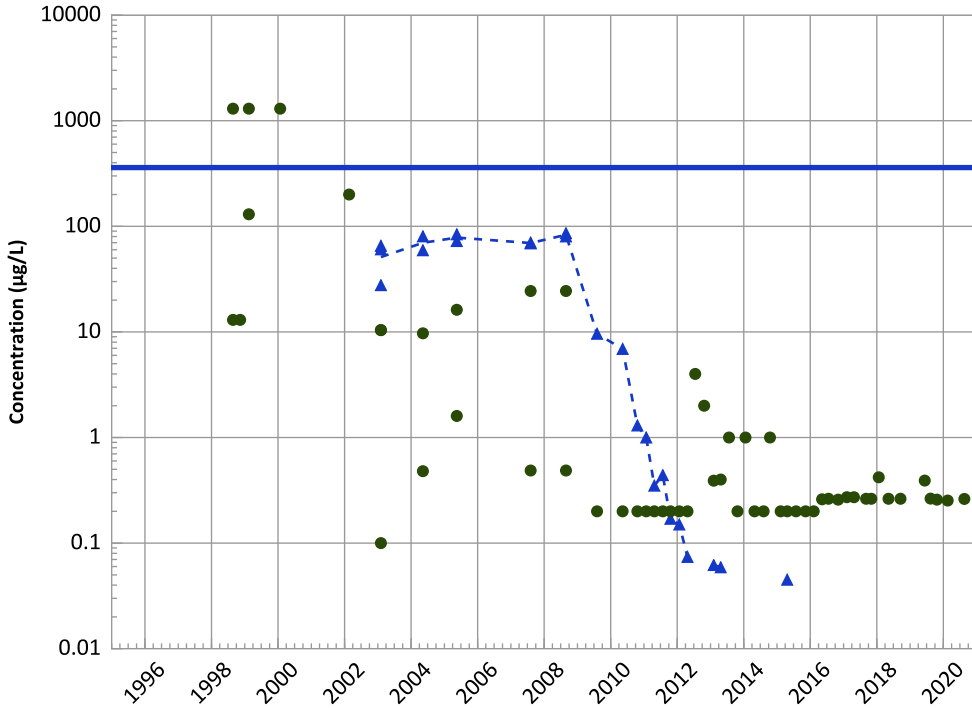
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

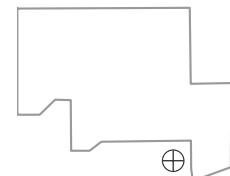
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

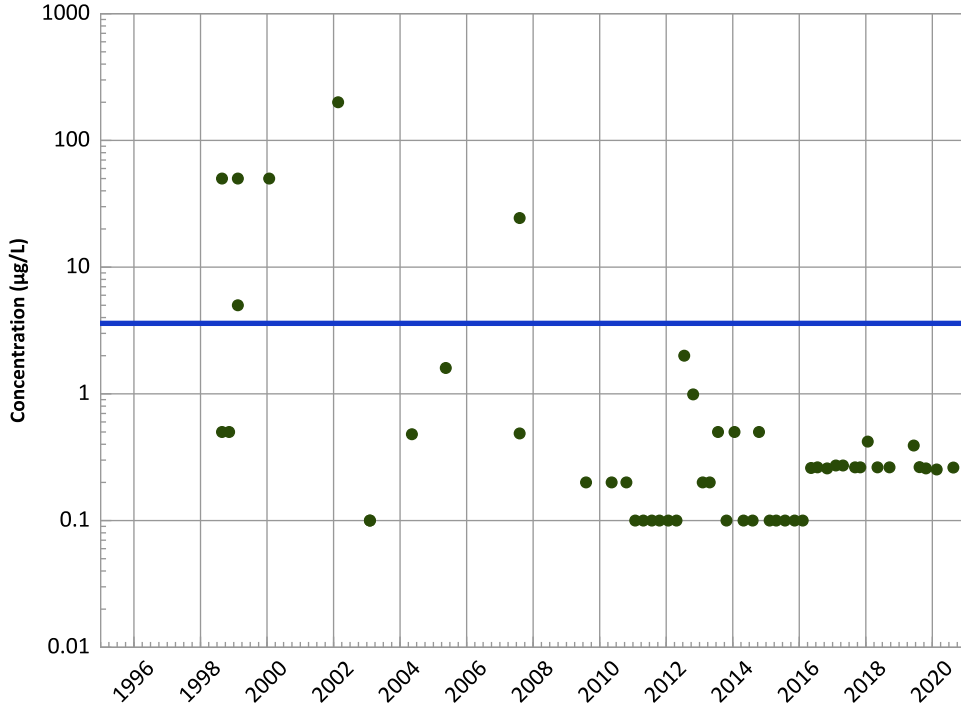
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

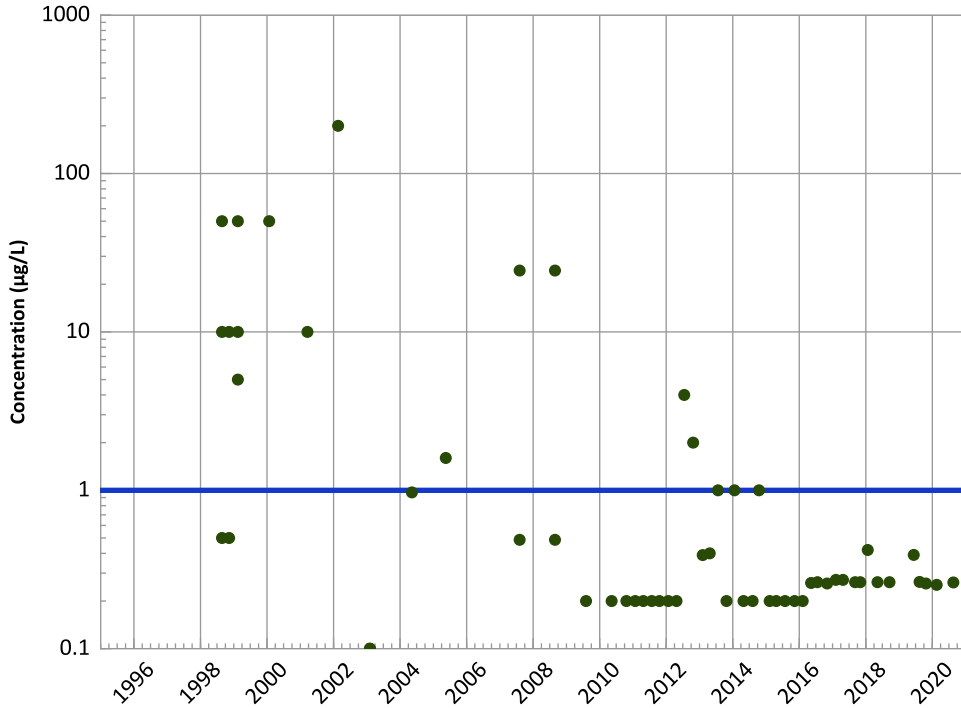
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

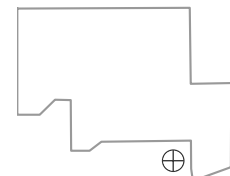
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

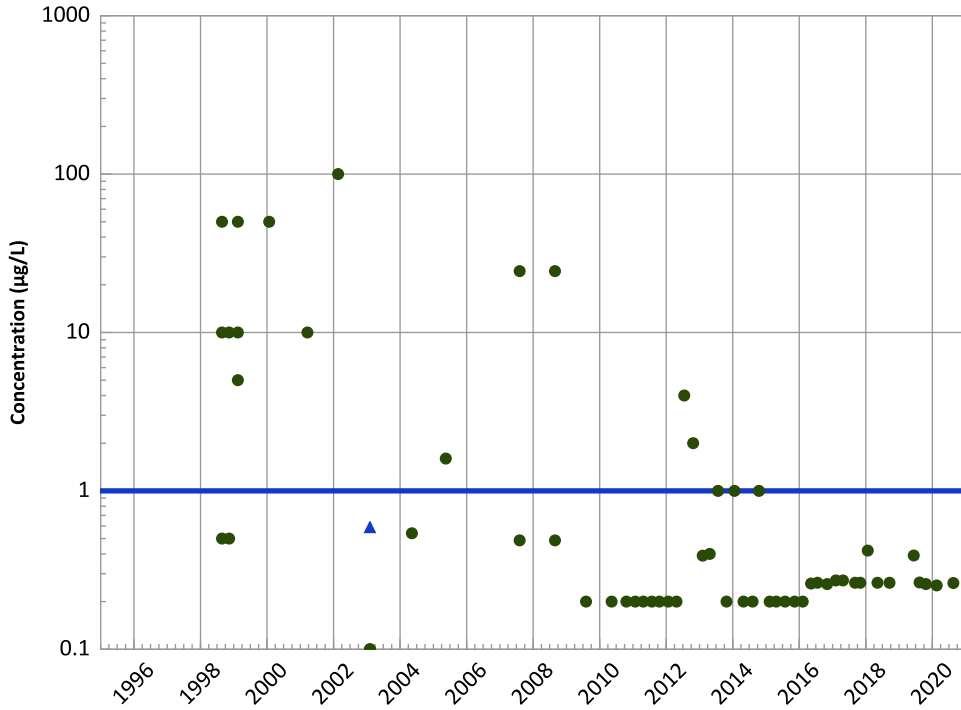
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

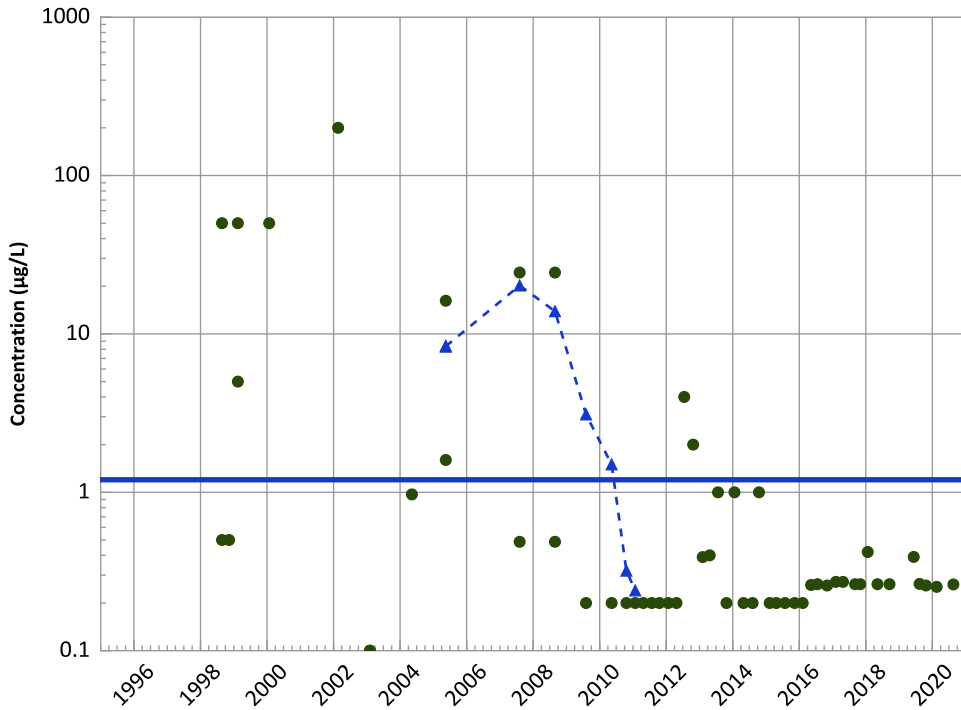


PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



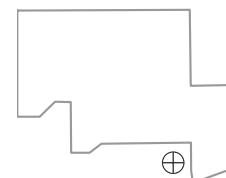
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/25/1998 to 11/18/2020
 Analysis Date: 05/19/2021

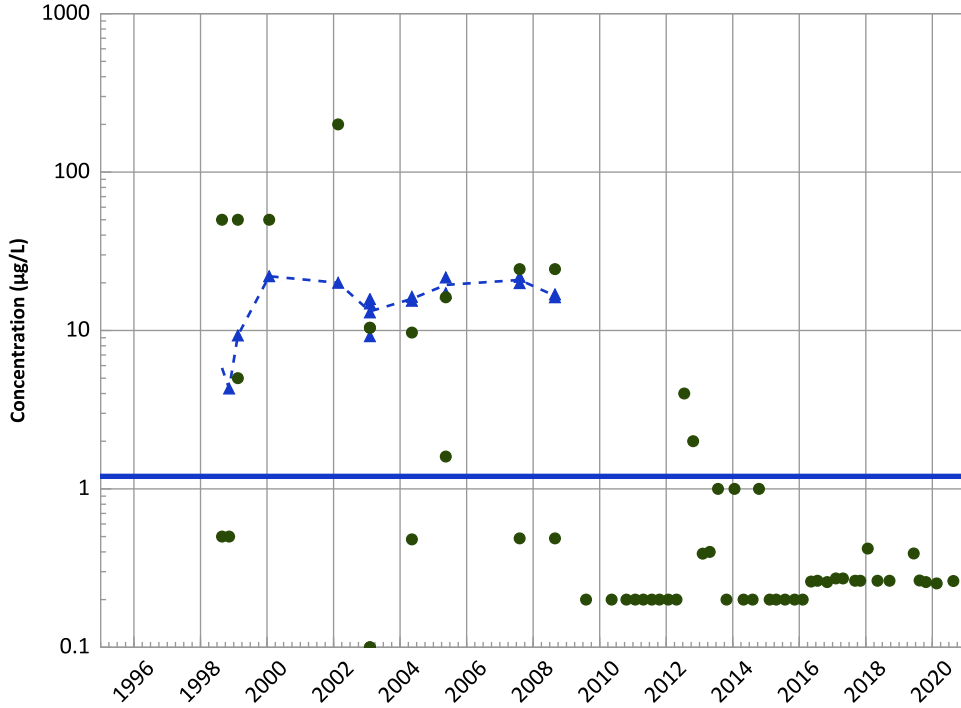
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

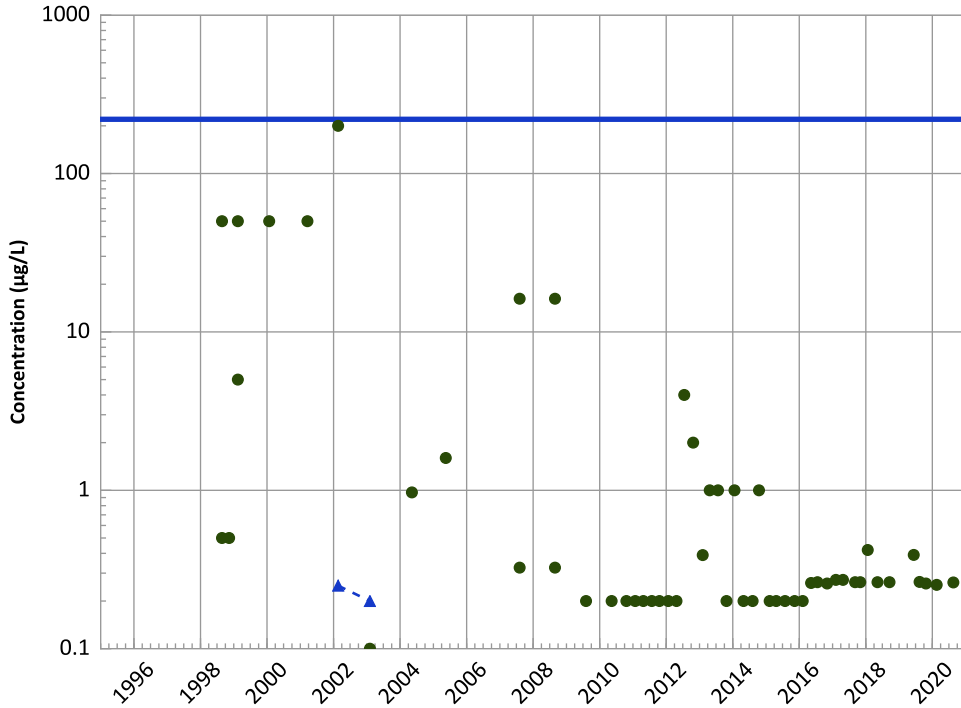
2018 - 2020 Data:

Stable

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

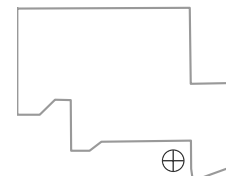
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

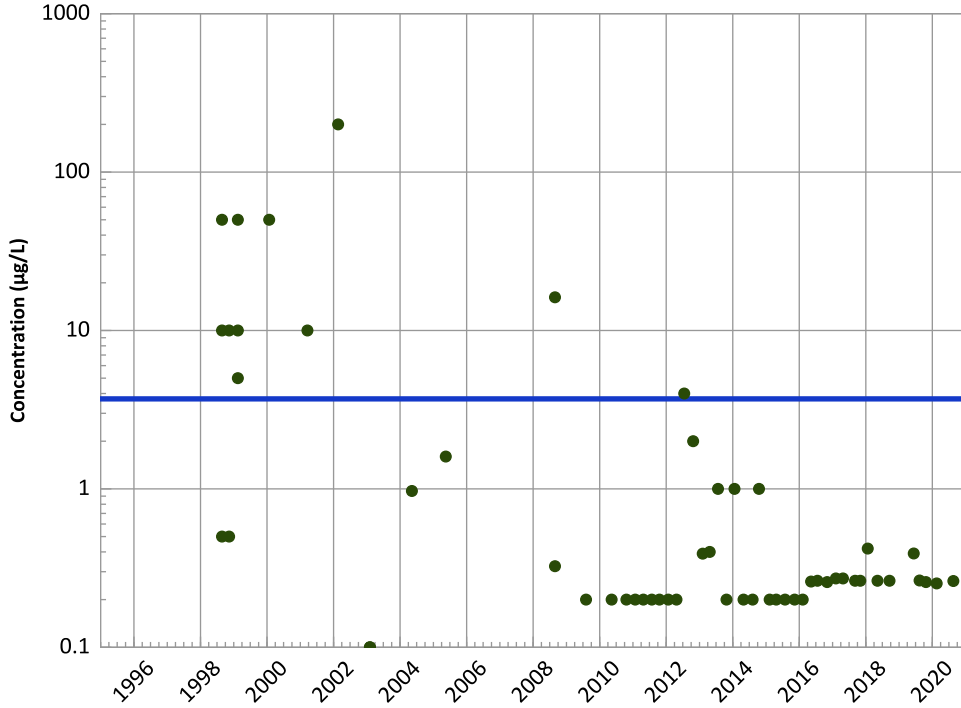
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

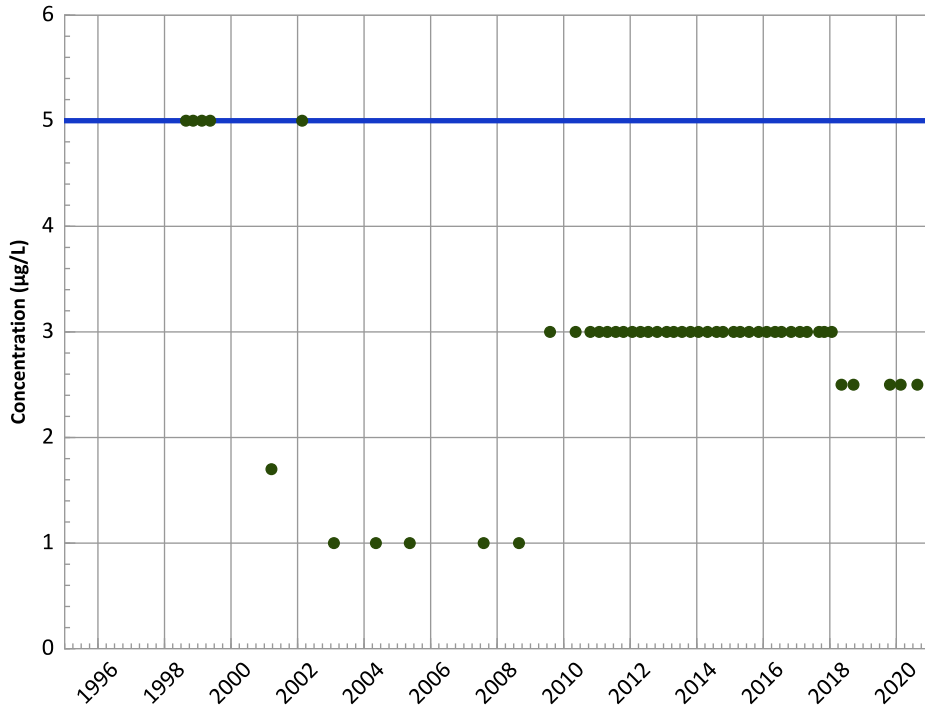
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

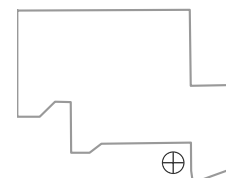
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

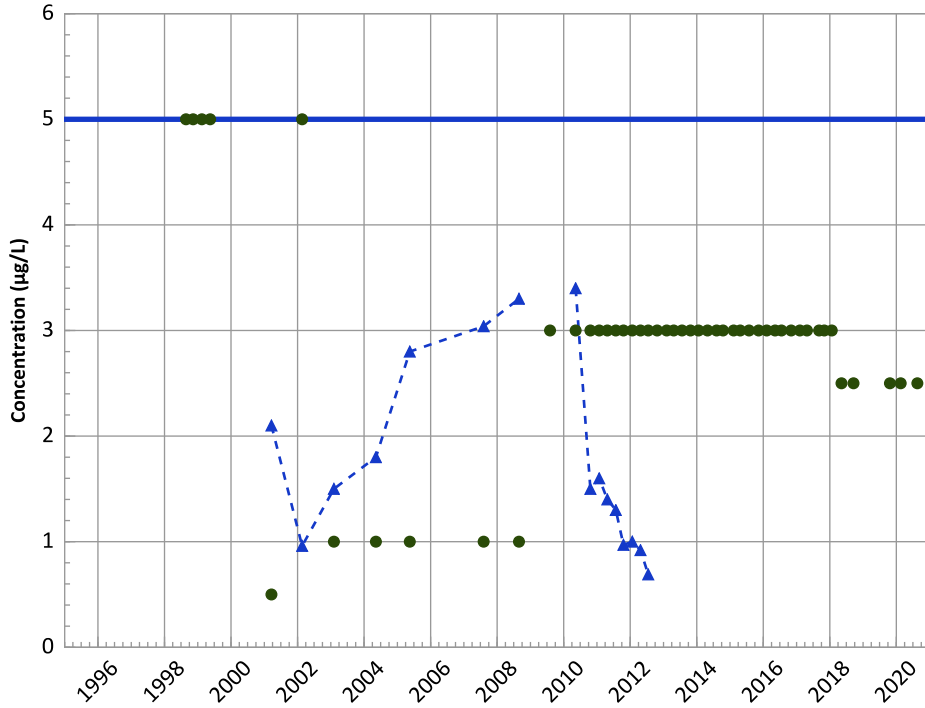
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

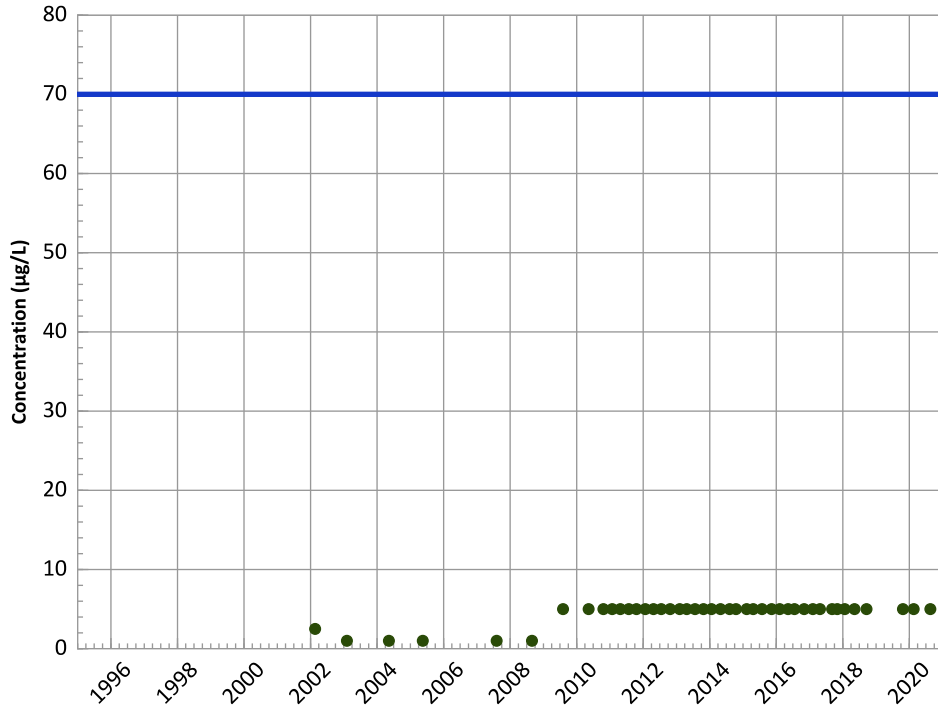
2018 - 2020 Data:

Stable

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

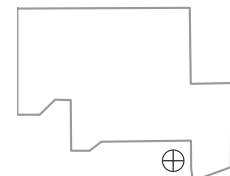
All Data:

All Non-Detect

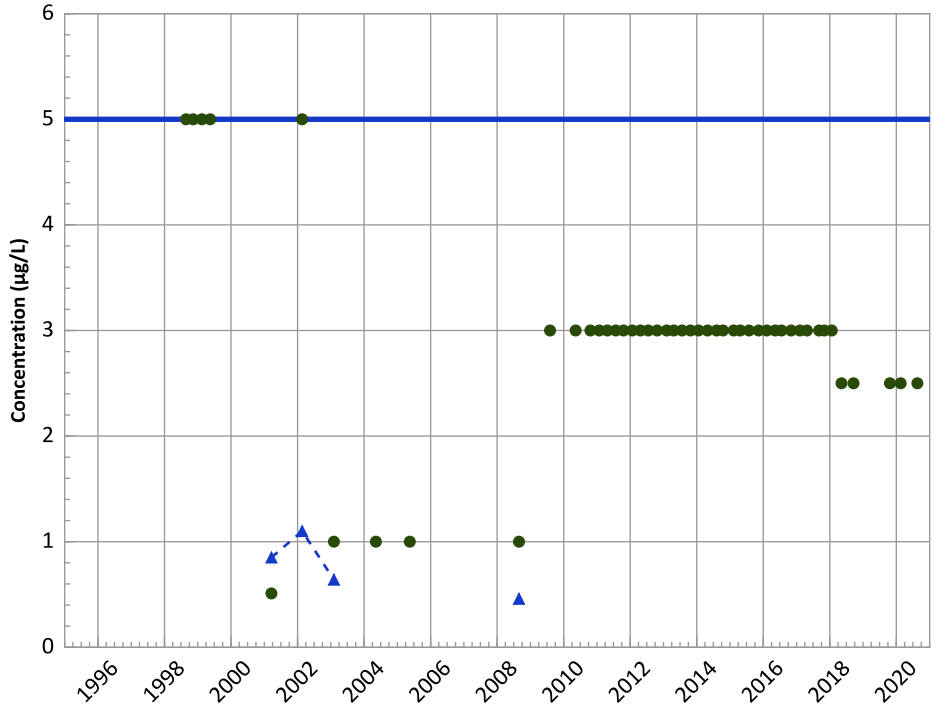
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

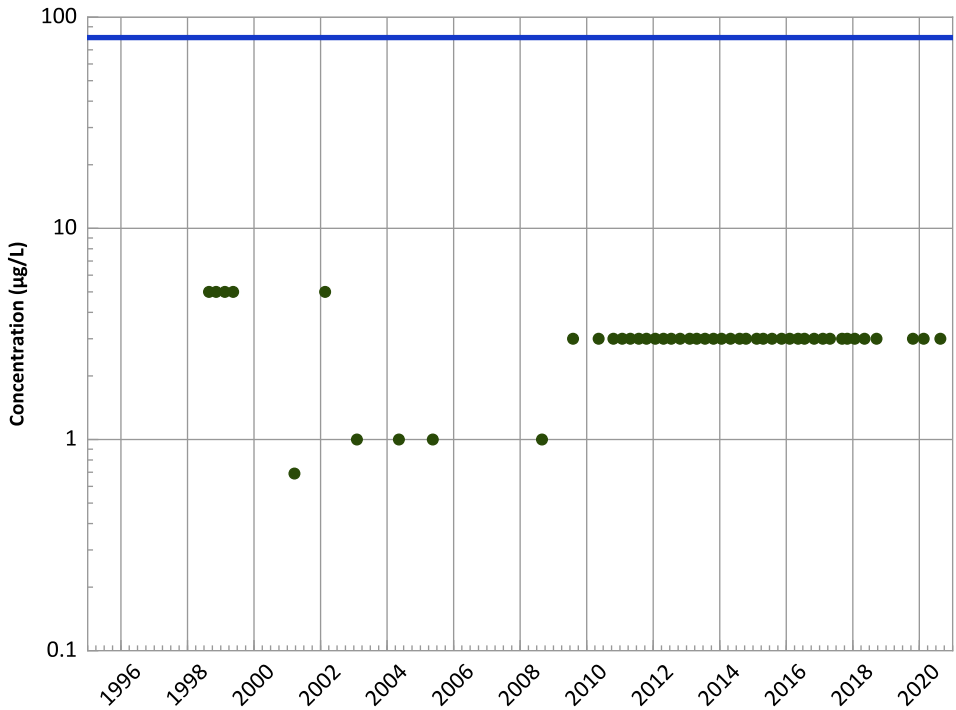
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

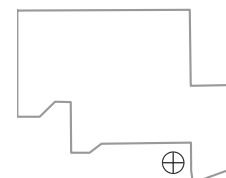
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/25/1998 to 11/18/2020
 Analysis Date: 05/19/2021

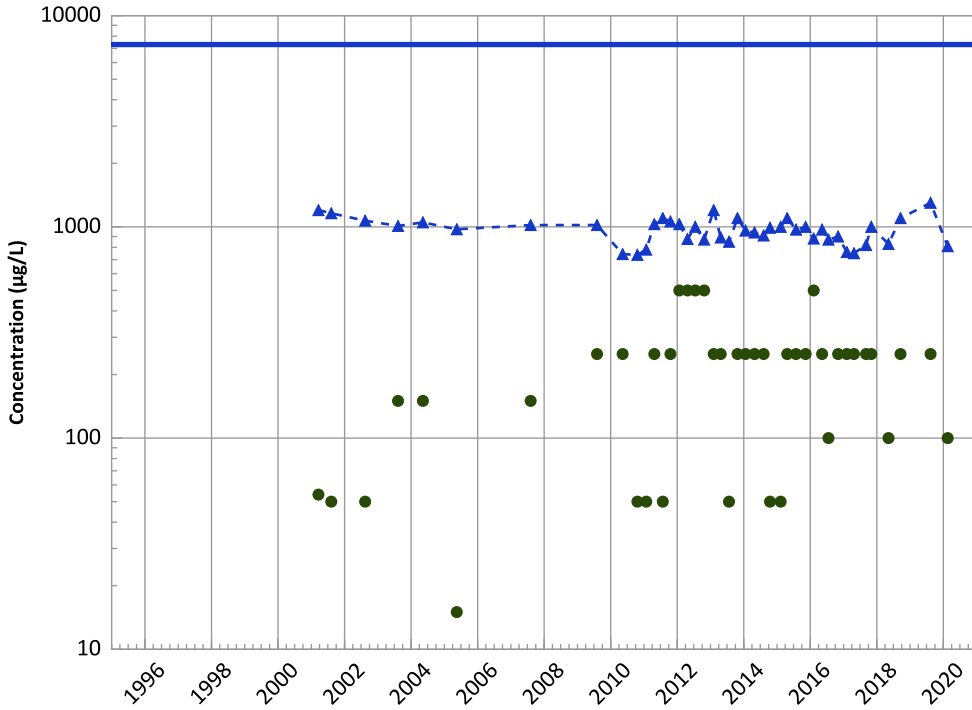
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

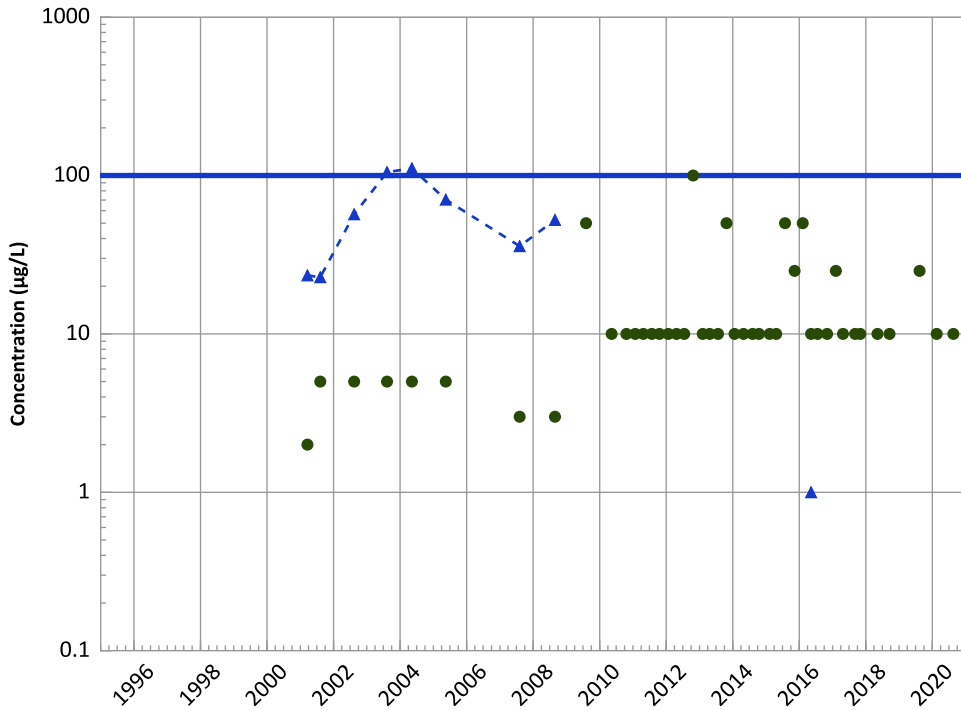


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

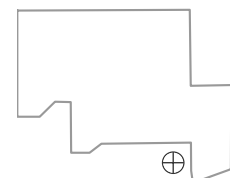
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

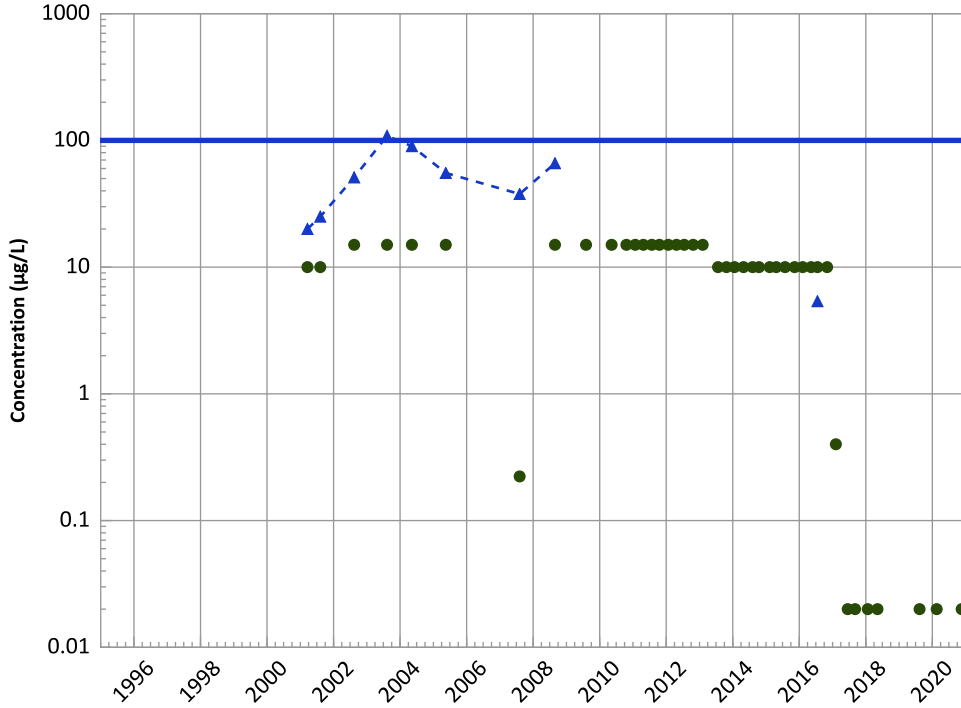
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

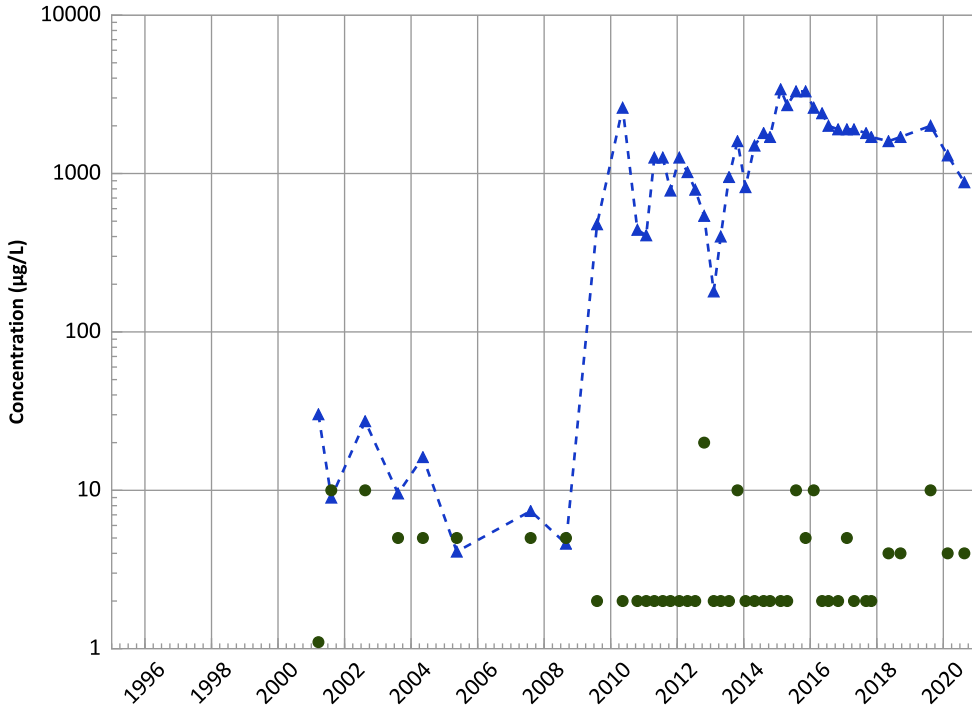
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

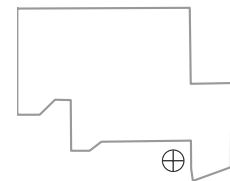
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Well Location

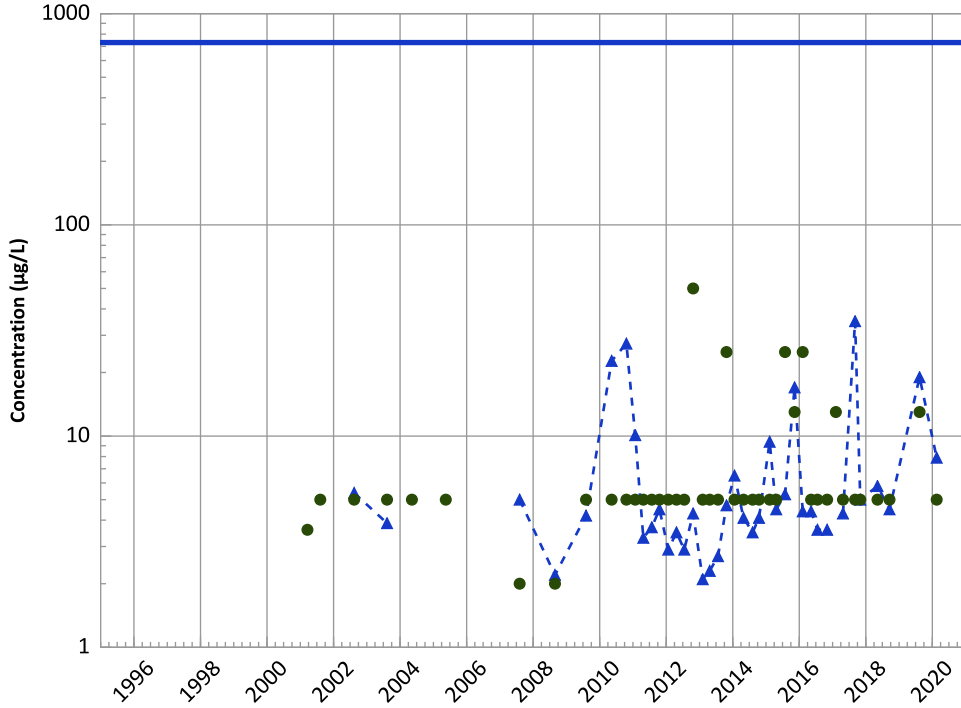


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

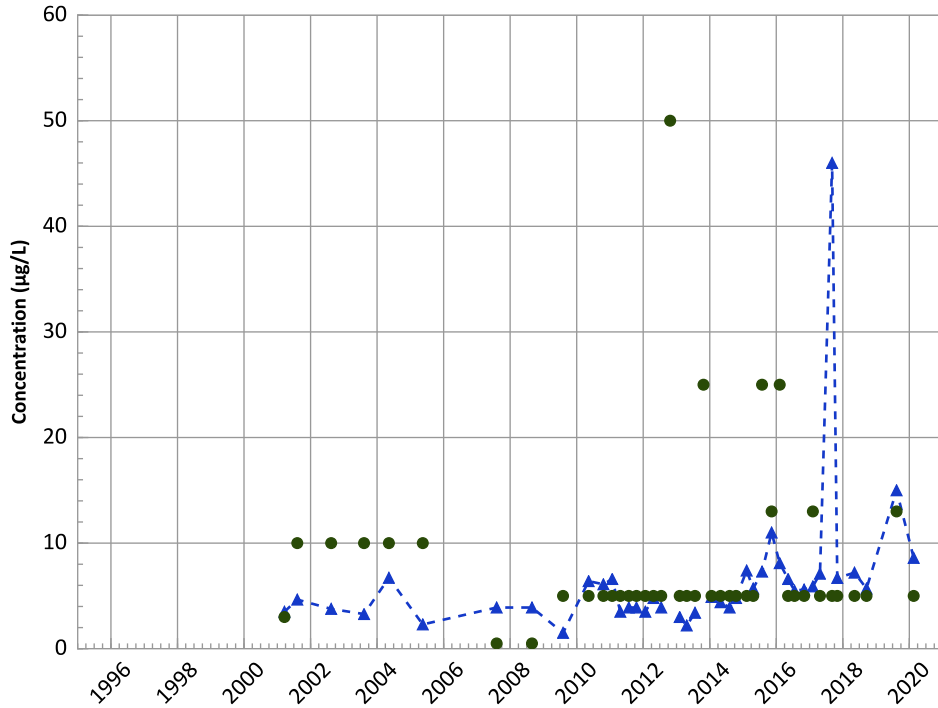
2018 - 2020 Data:

No Trend

All Data:

No Trend

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

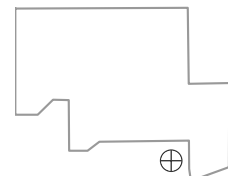
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

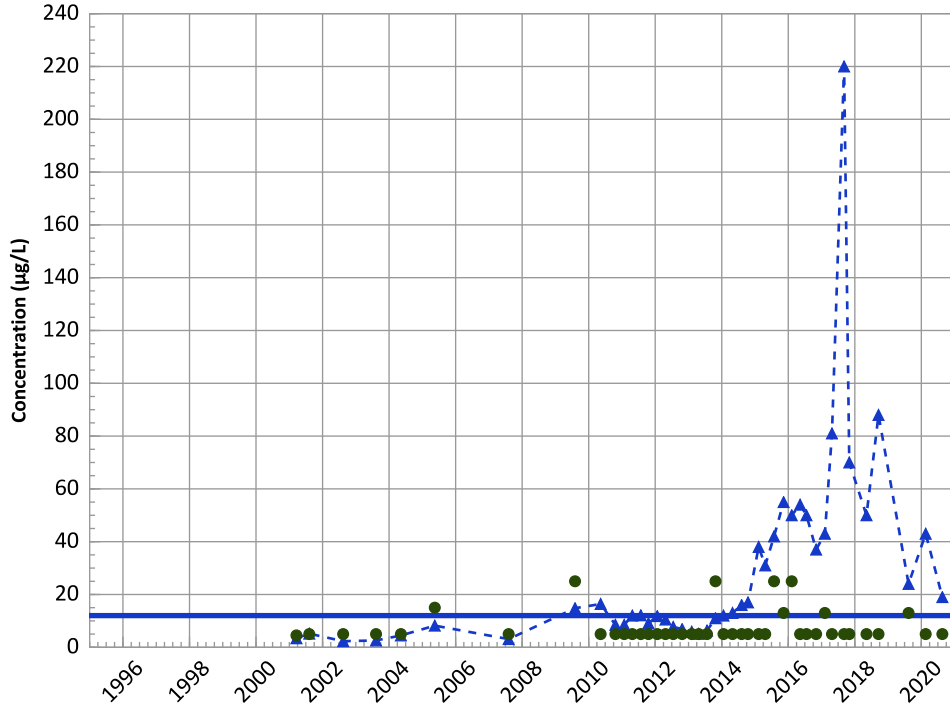
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

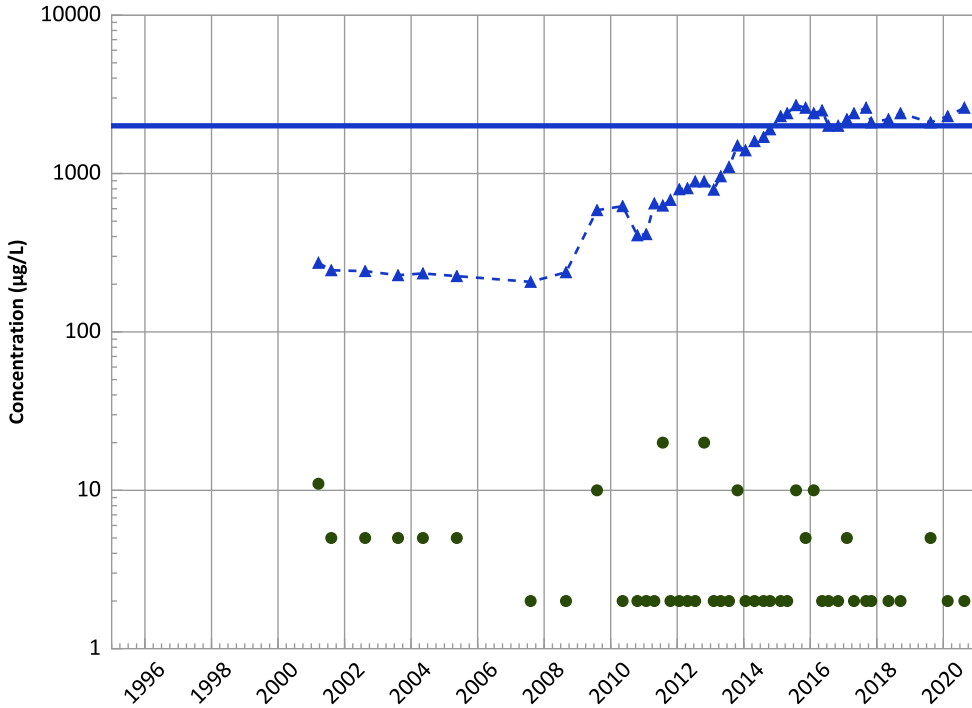
2018 - 2020 Data:

Stable

All Data:

Increasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

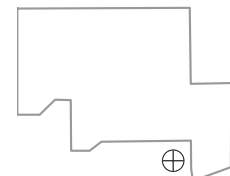
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

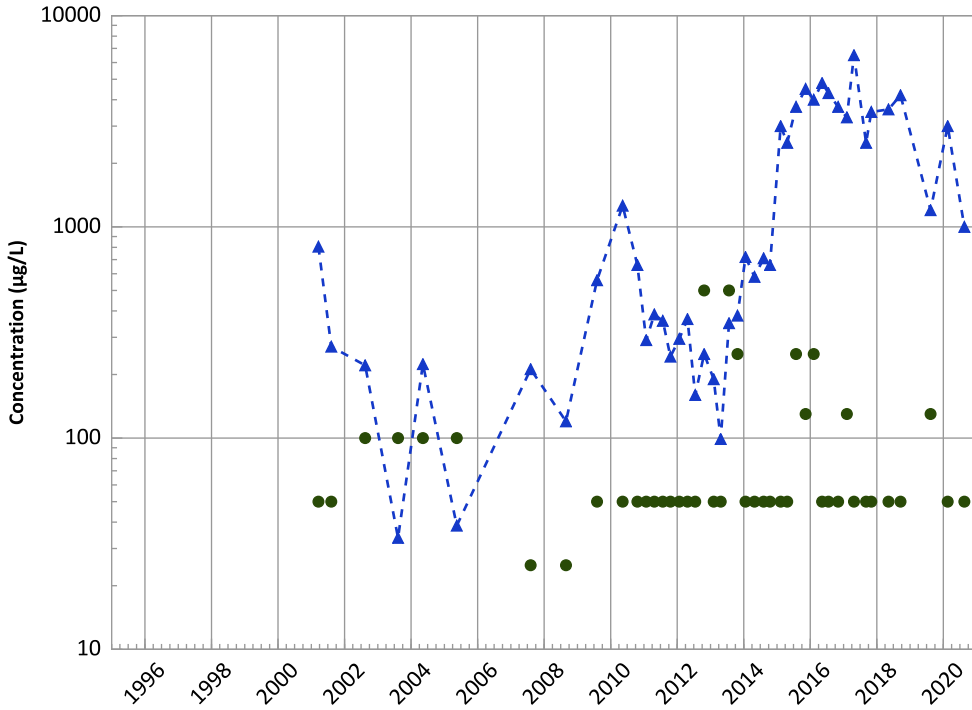
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

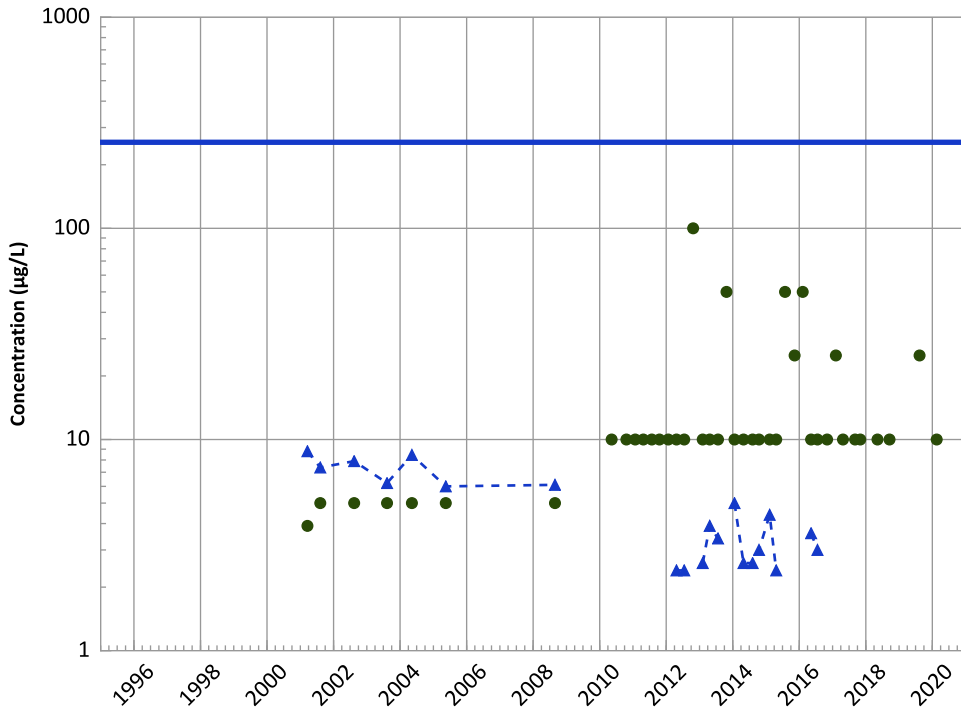
2018 - 2020 Data:

Stable

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

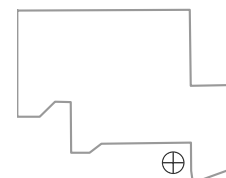
All Data:

Decreasing

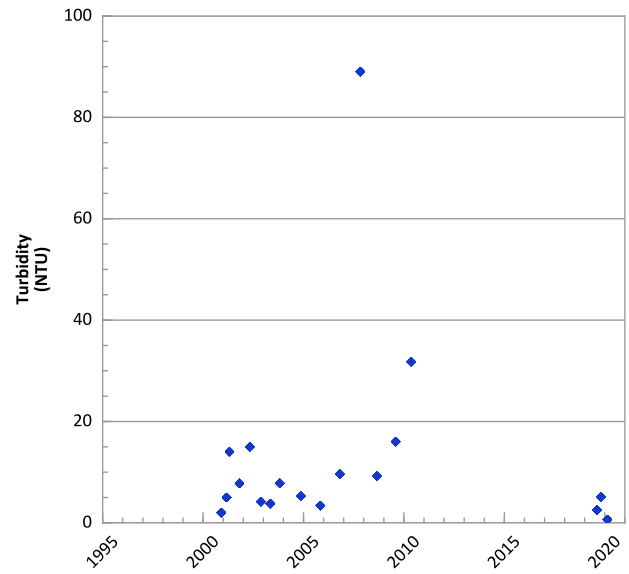
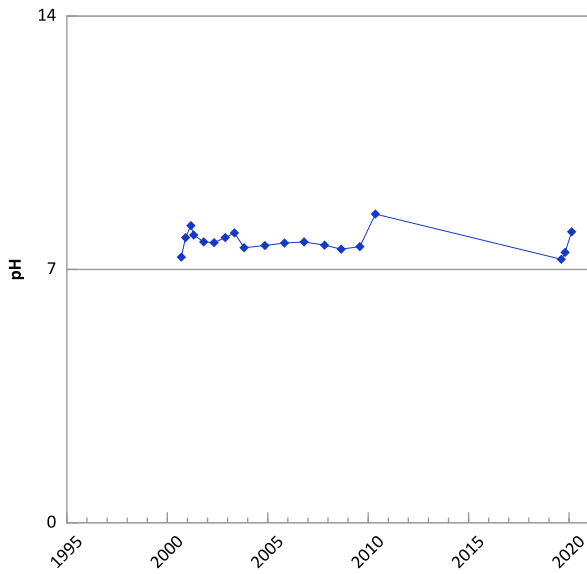
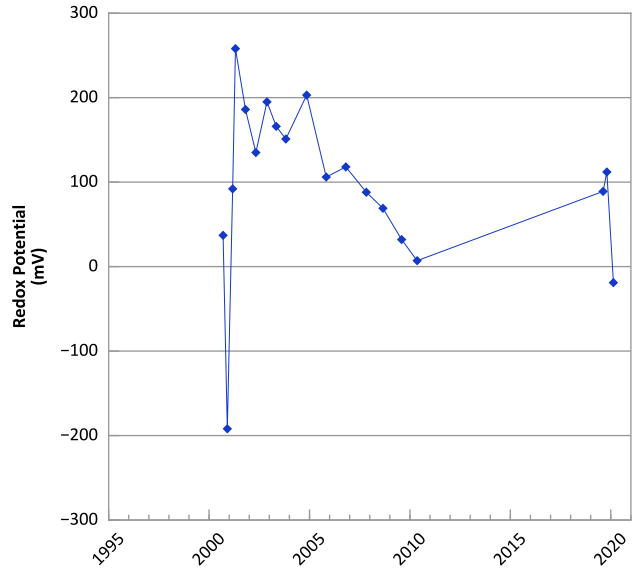
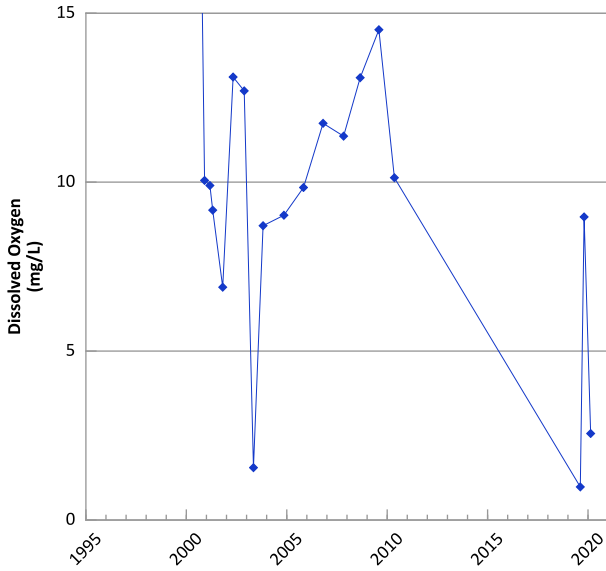
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

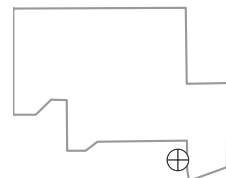


**PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



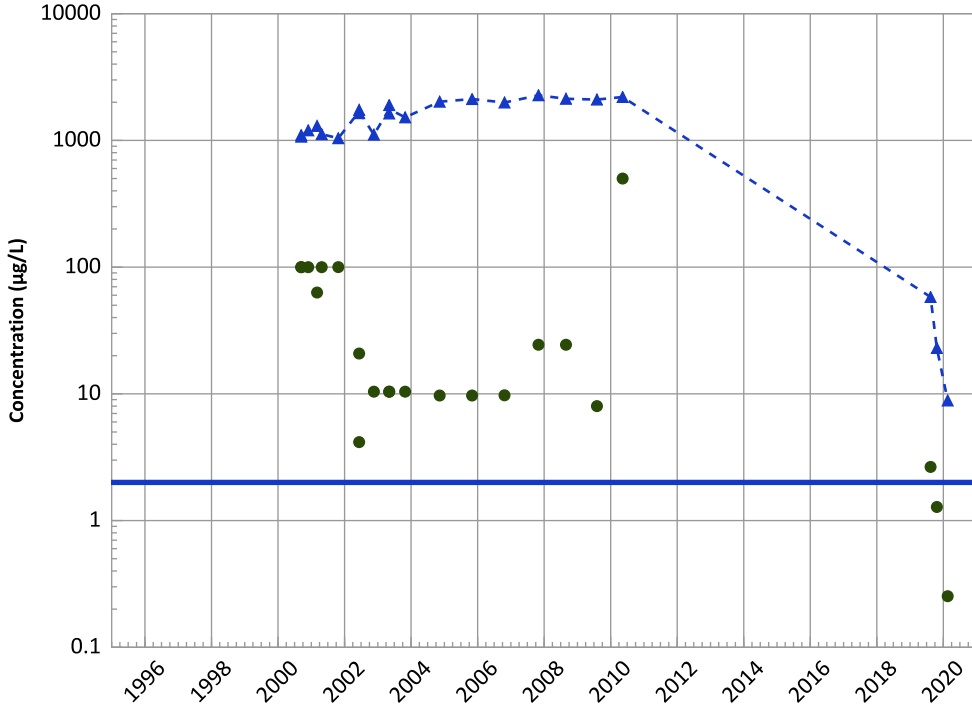
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/12/2000 to 02/18/2020
 Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

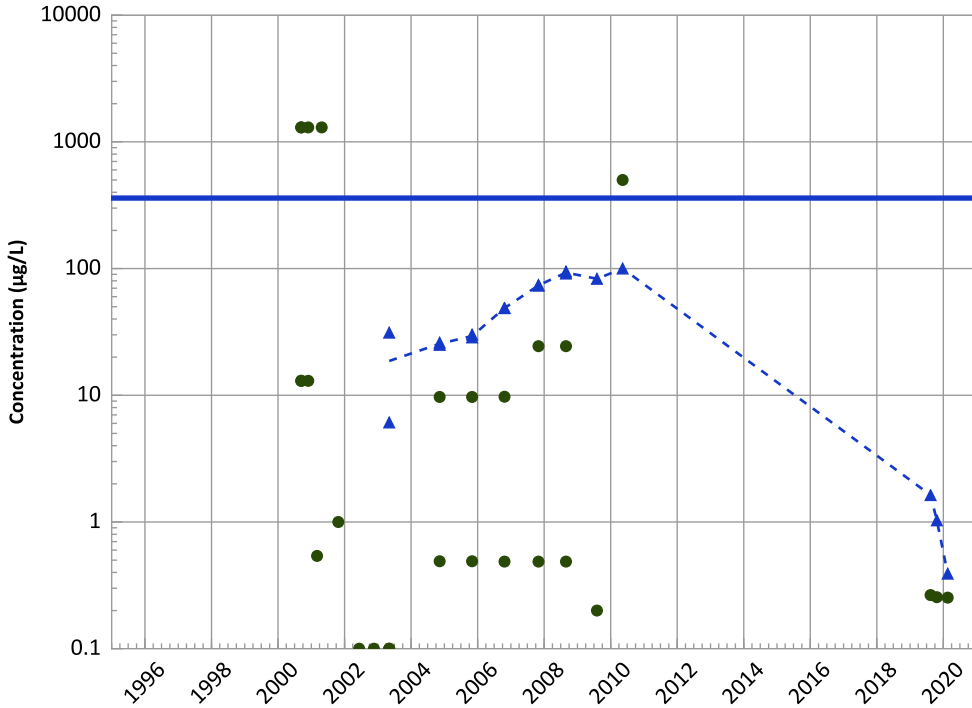
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

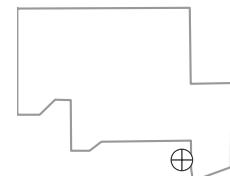
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

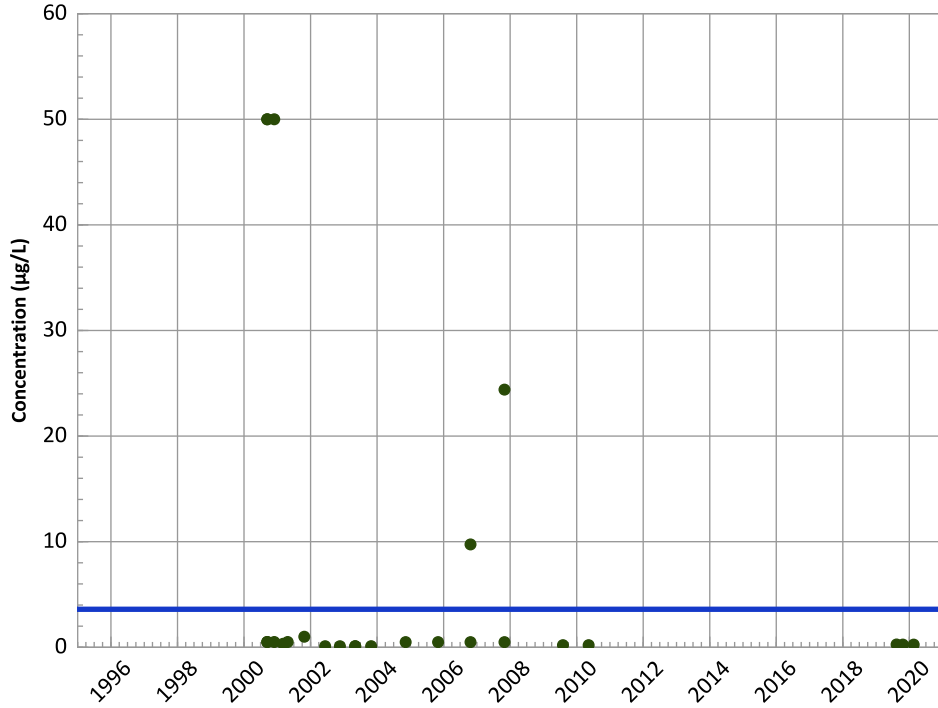
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

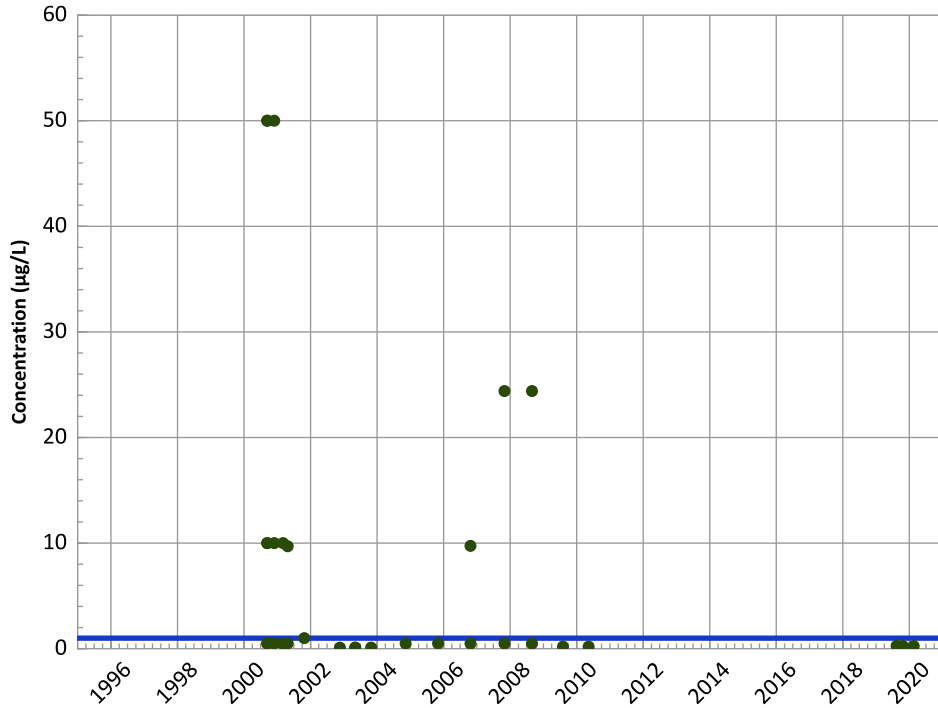
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

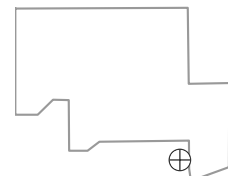
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

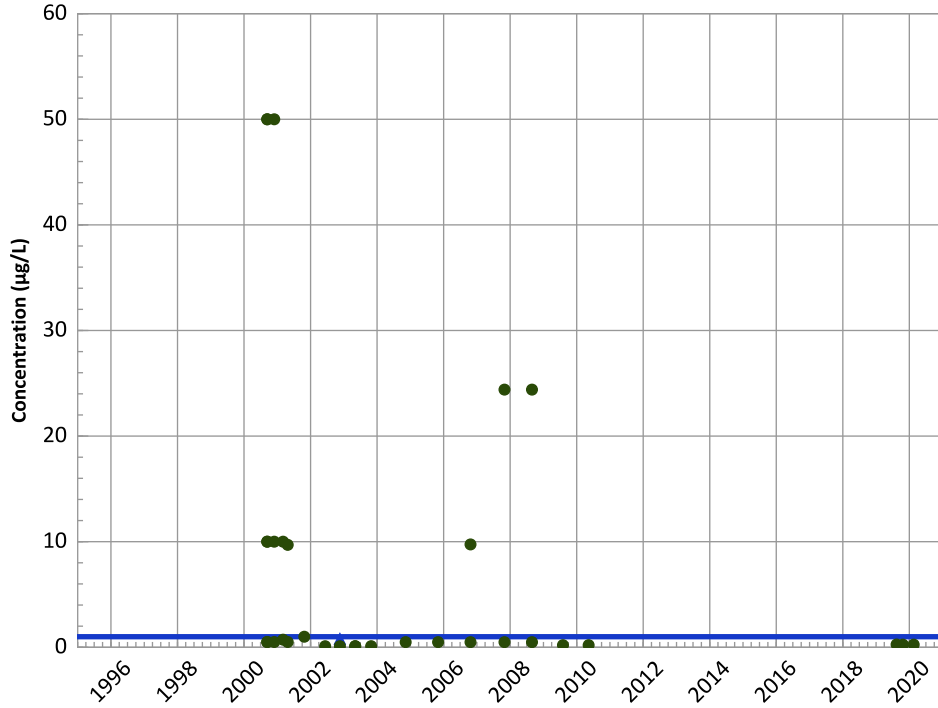
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

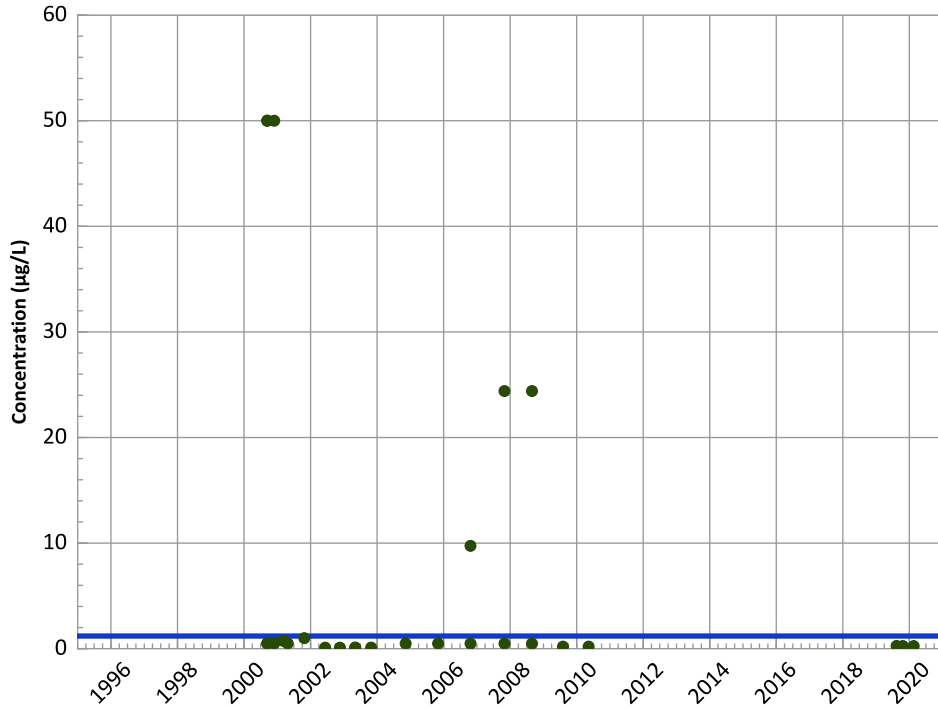
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

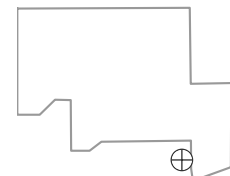
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

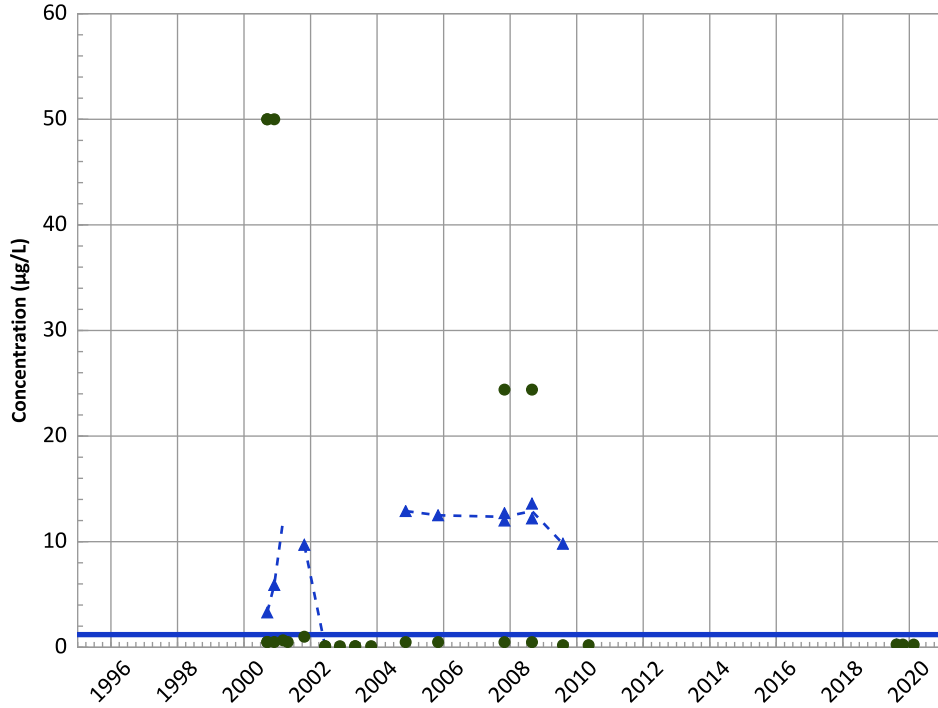
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

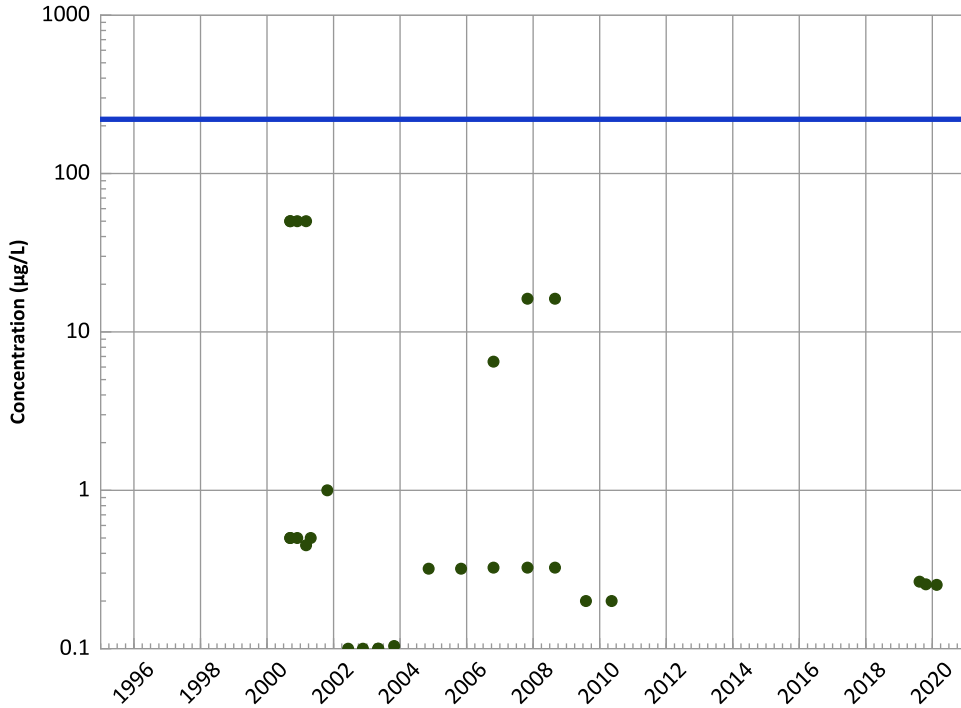


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend

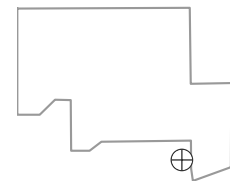


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

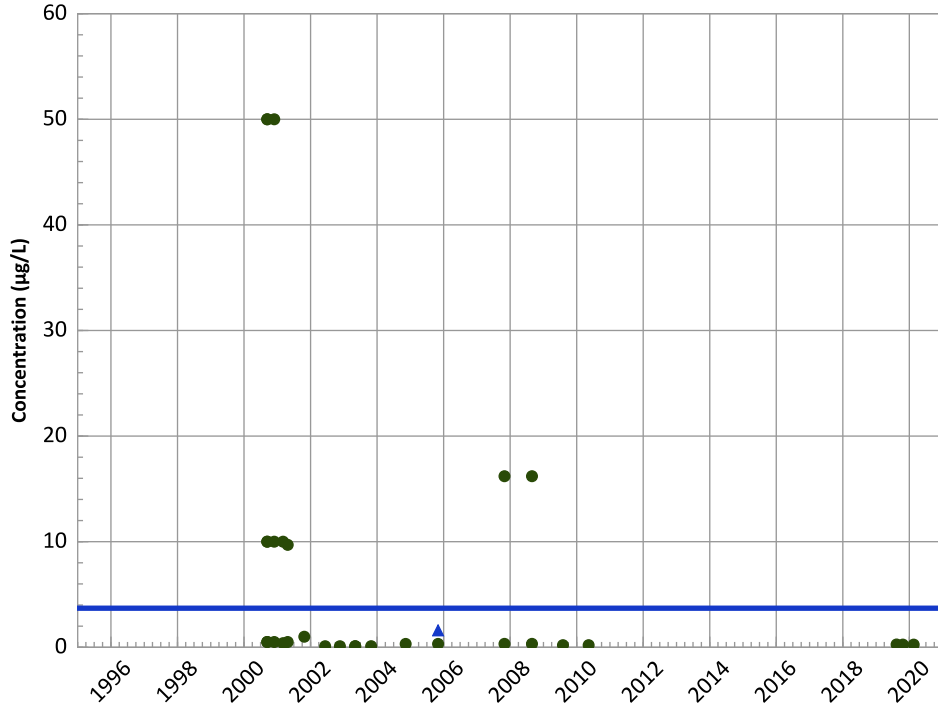
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**

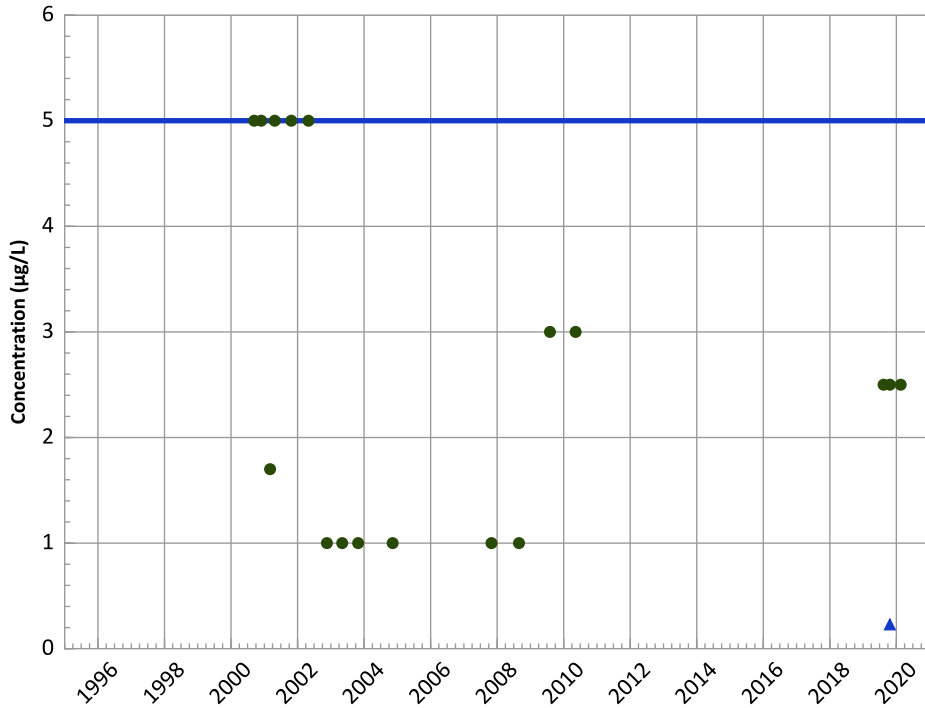


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend

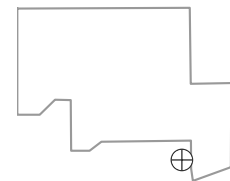


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

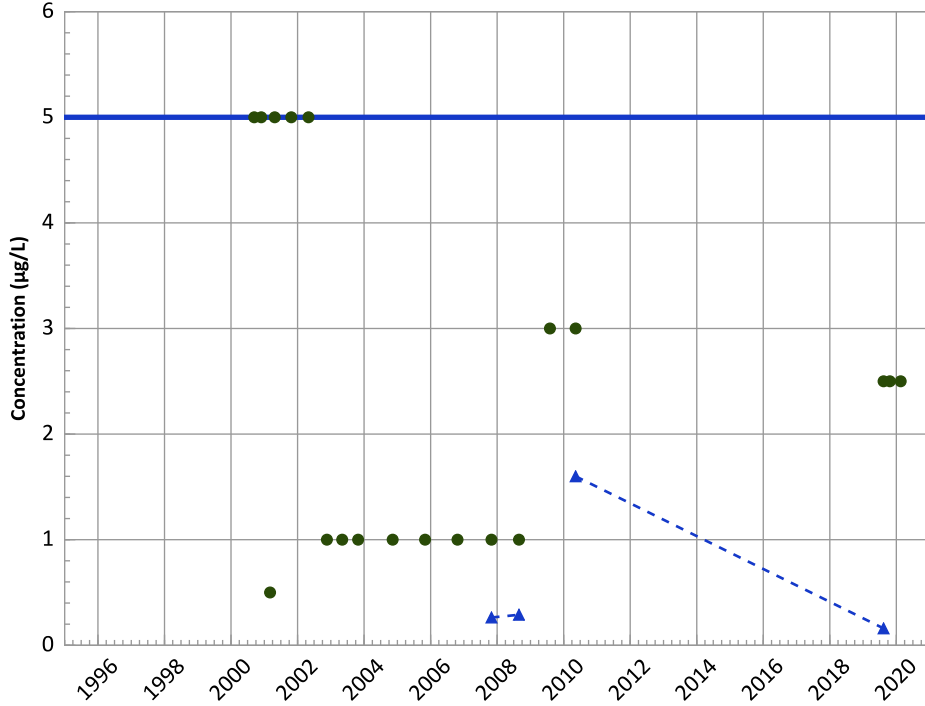


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

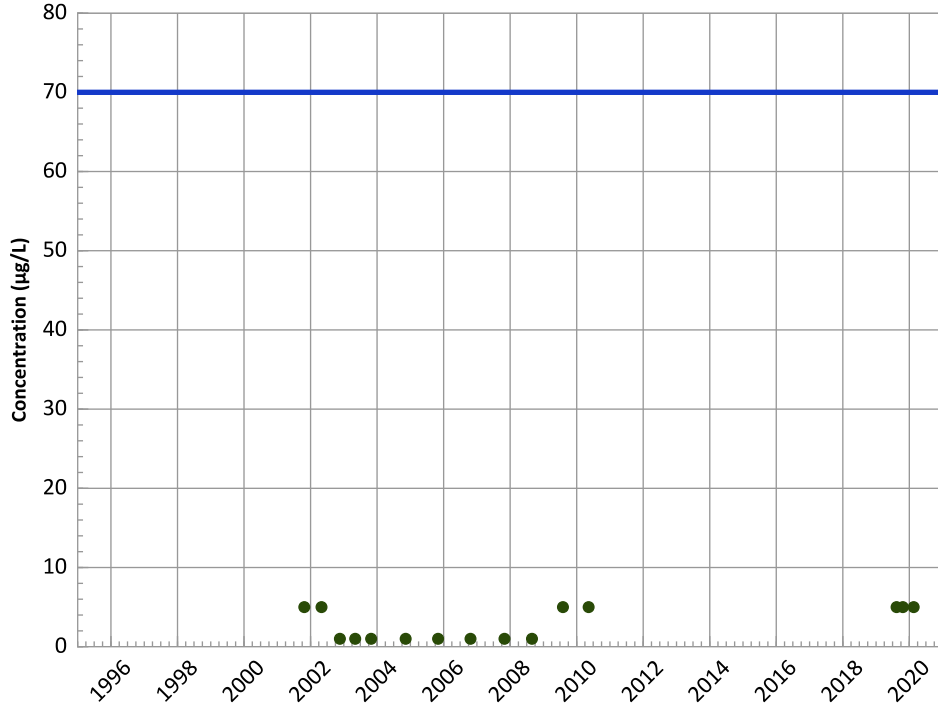


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

cis-1,2-Dichloroethene Trend

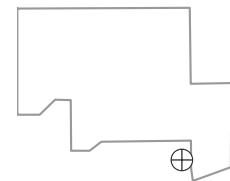


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

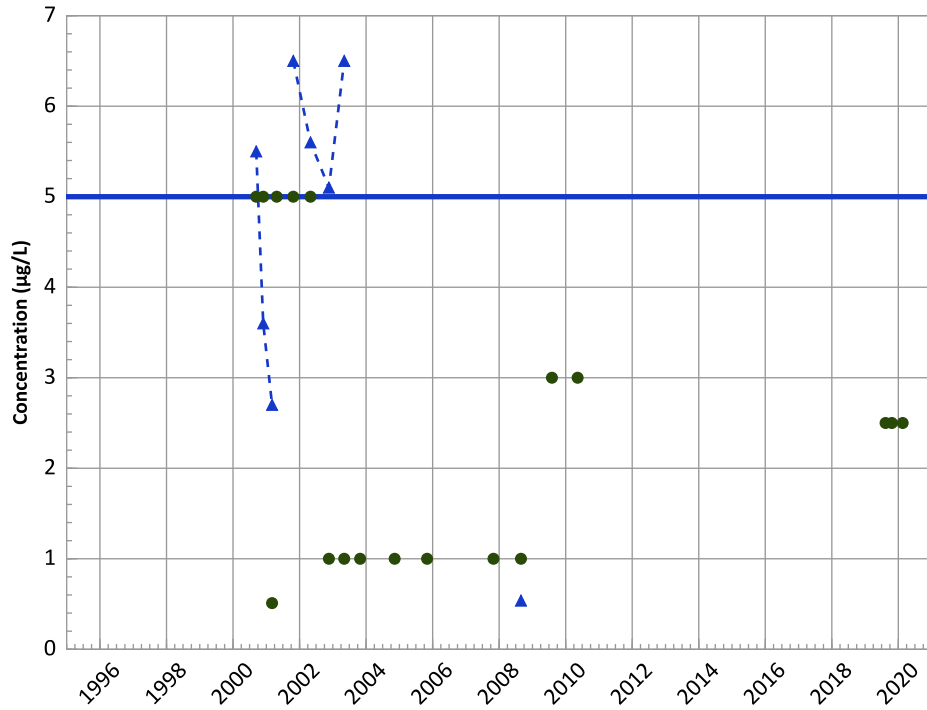
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

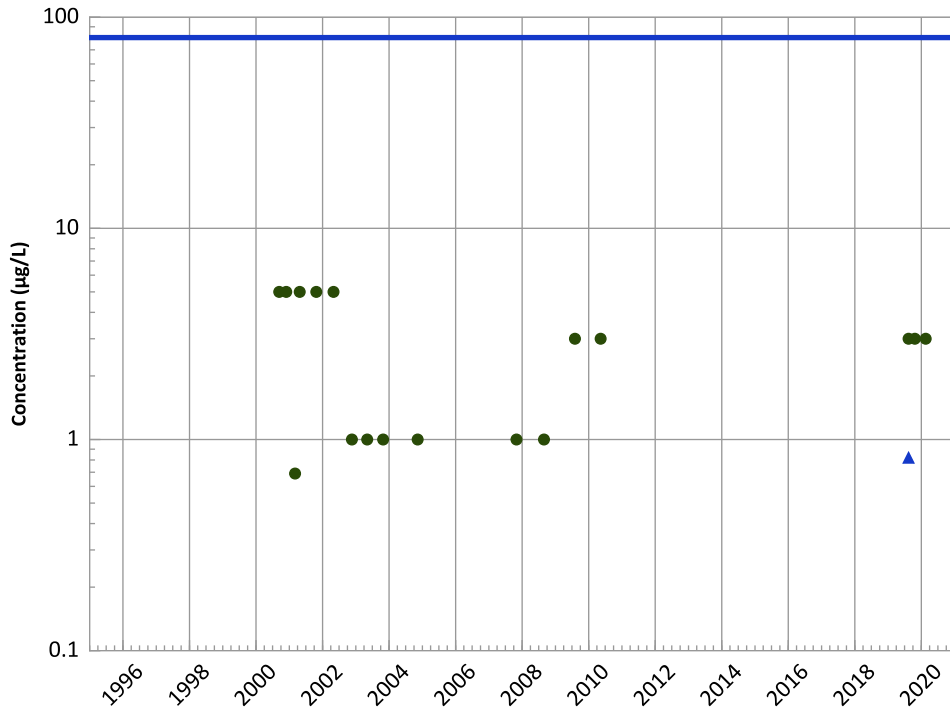
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

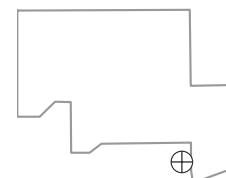
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

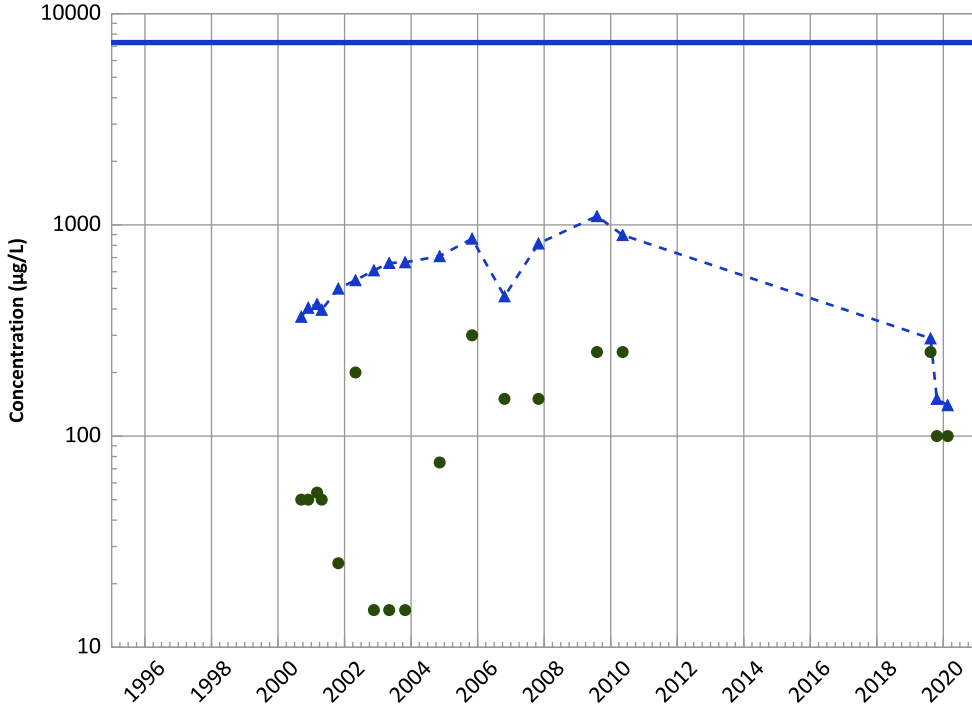


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

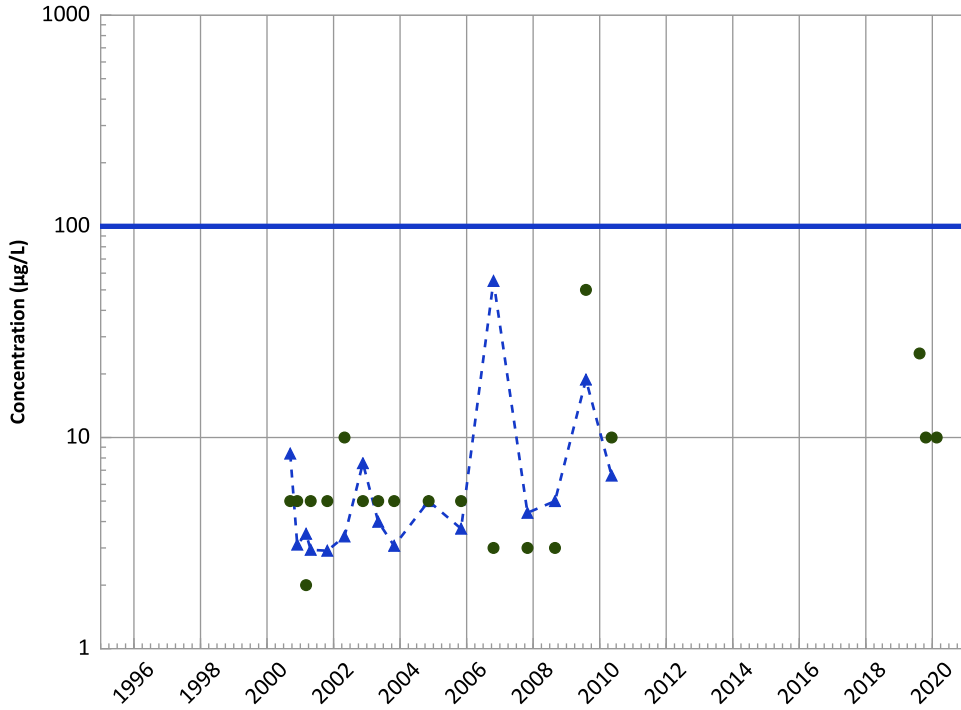
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

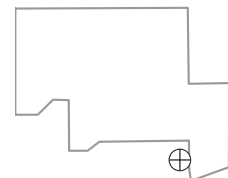
MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

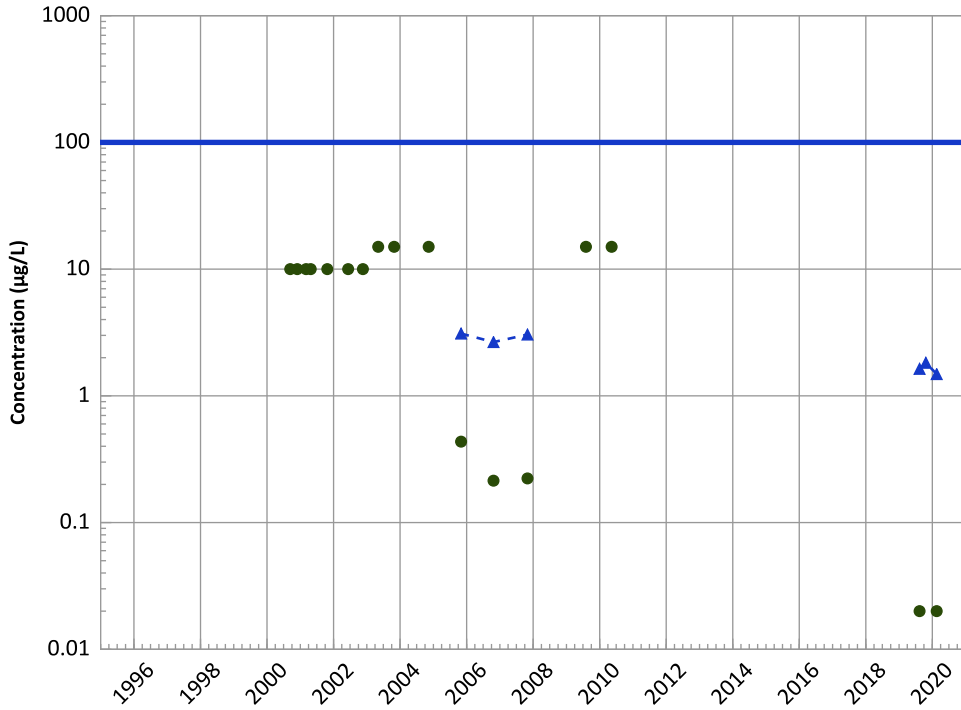
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

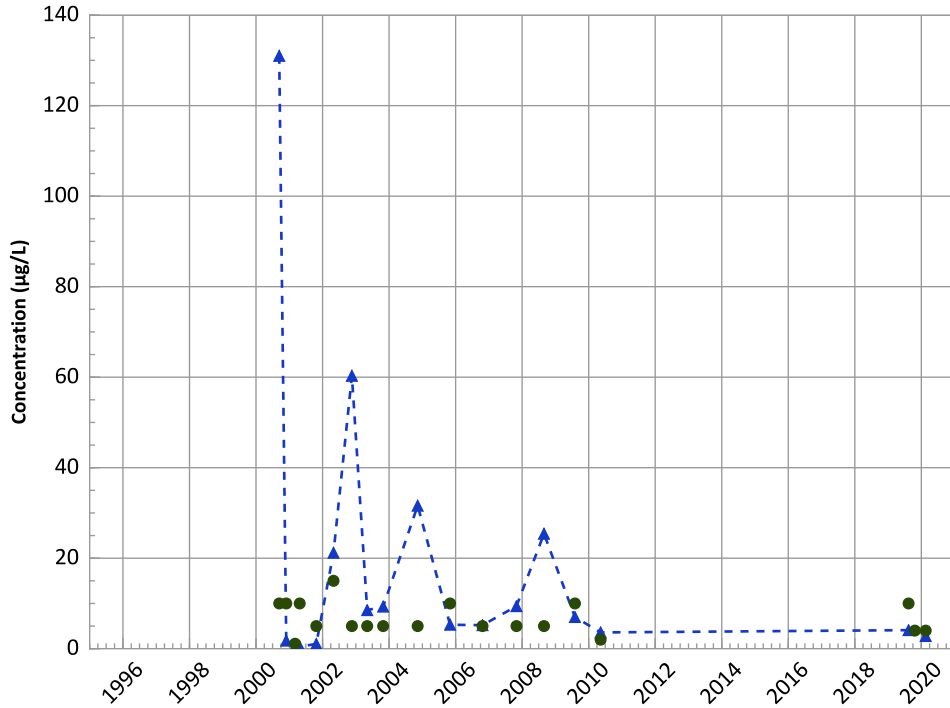


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Manganese Trend



Concentration Trend

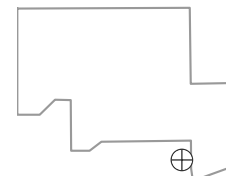
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

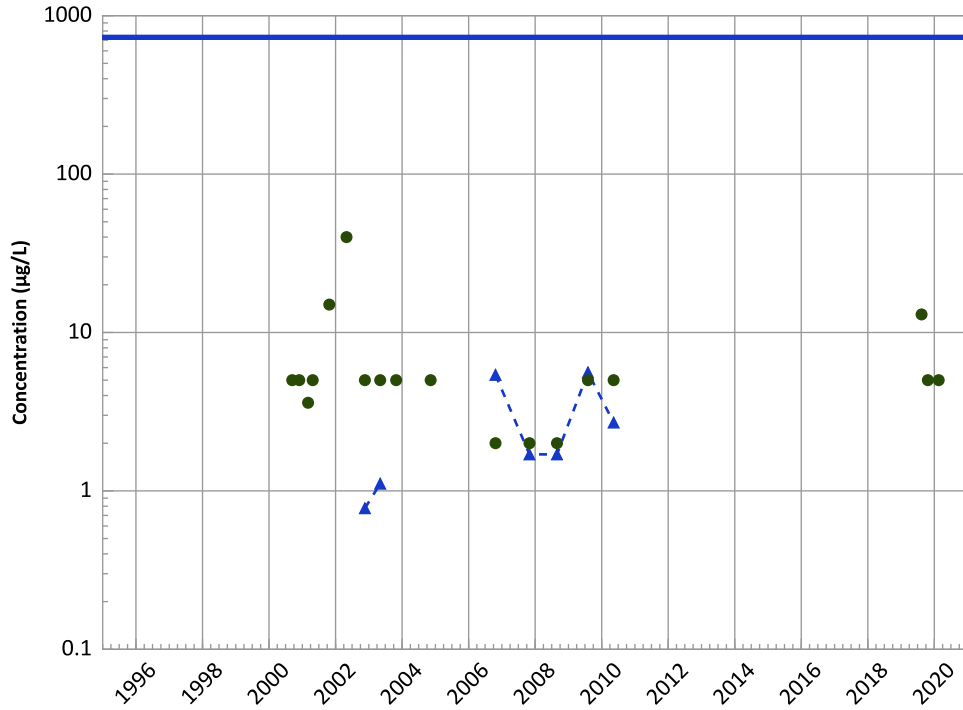
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

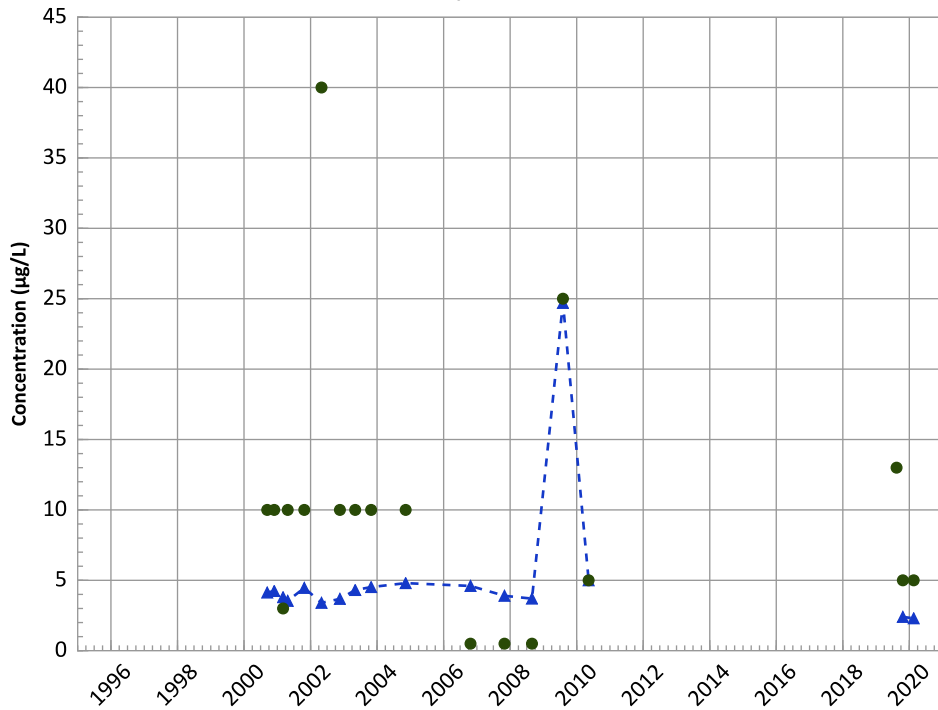


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Molybdenum Trend



Concentration Trend

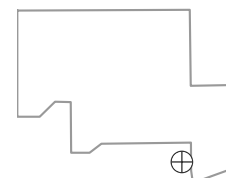
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

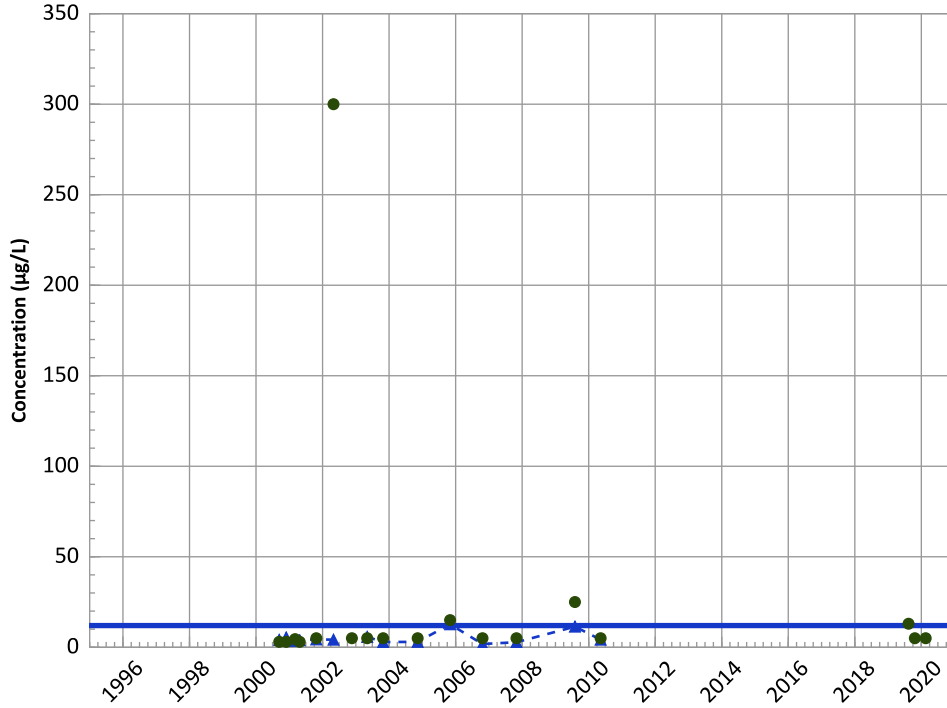
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

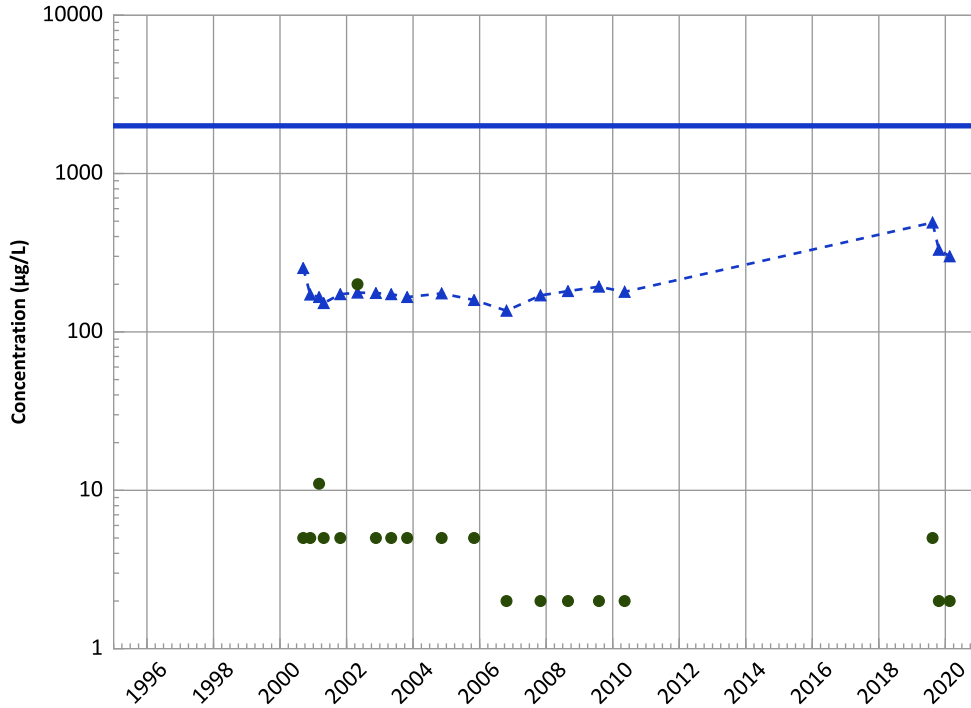


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Barium Trend



Concentration Trend

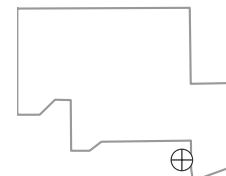
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

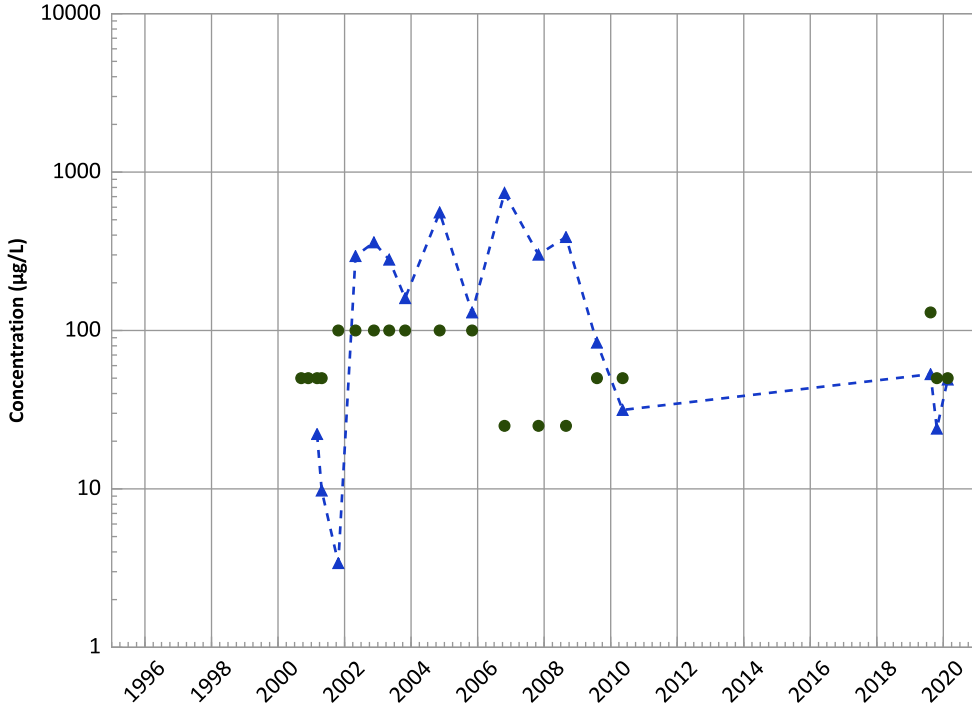
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

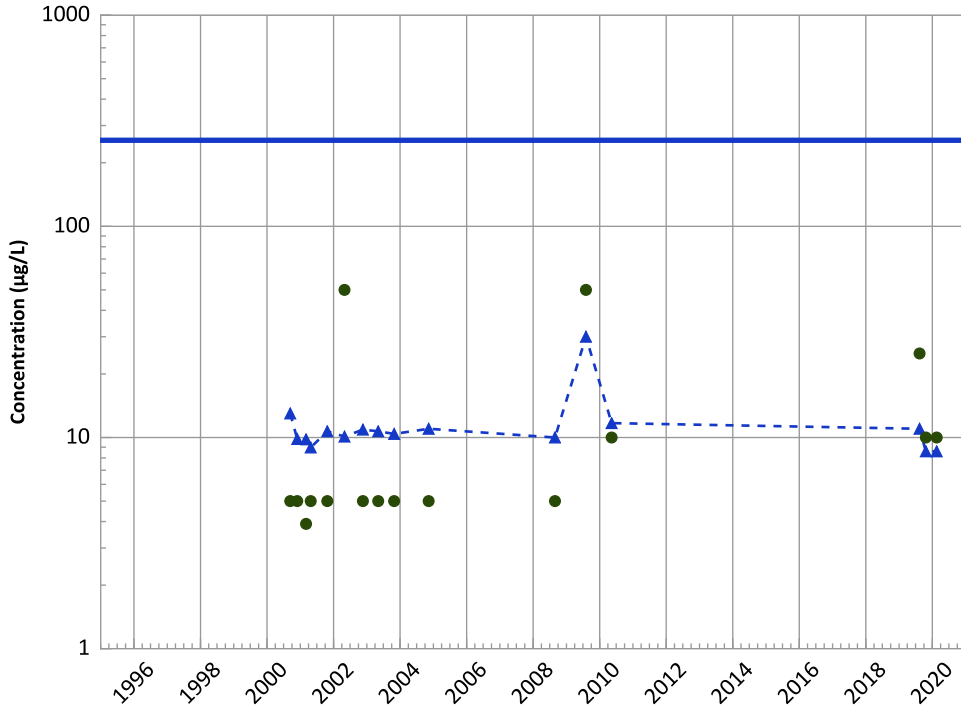
2018 - 2020 Data:

No Trend

All Data:

No Trend

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

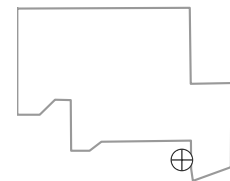
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

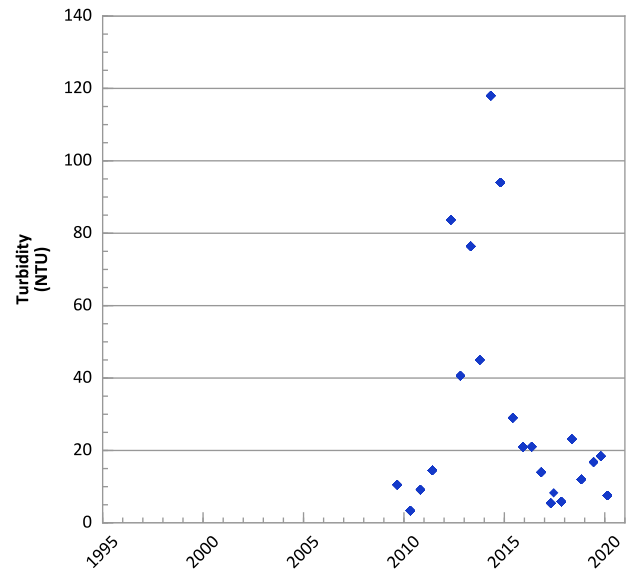
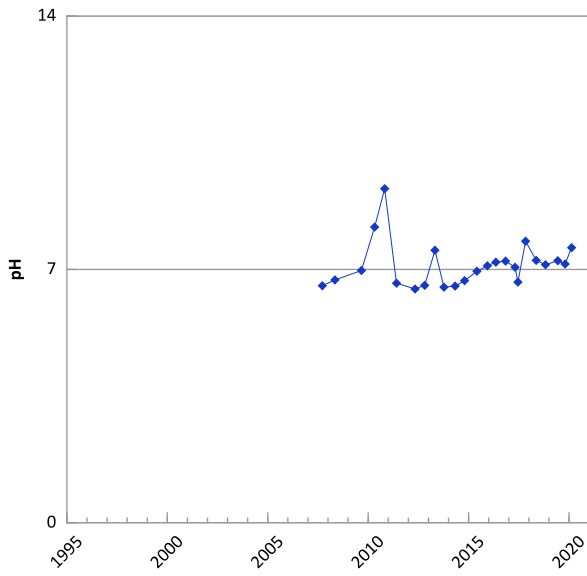
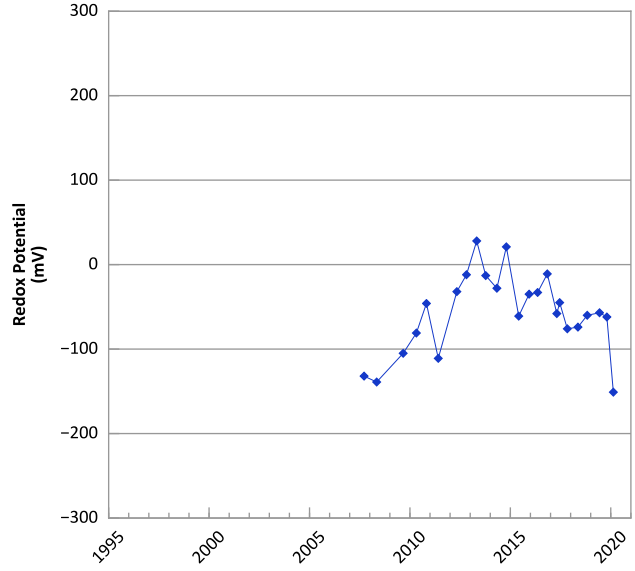
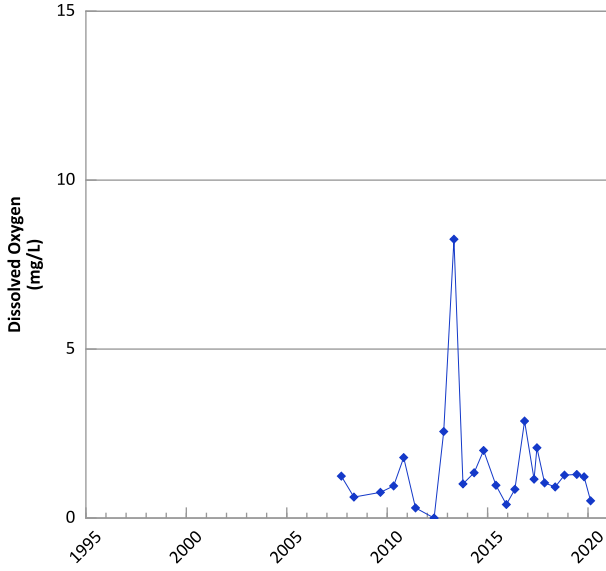
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

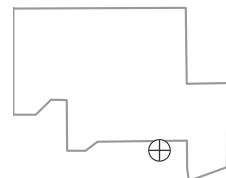
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



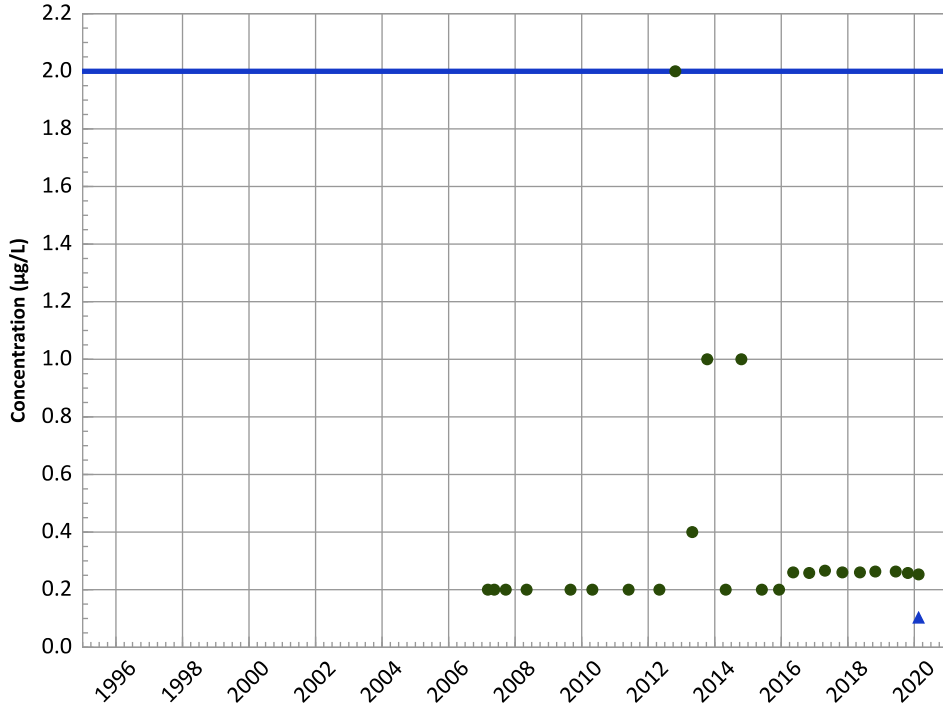
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 03/08/2007 to 02/17/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

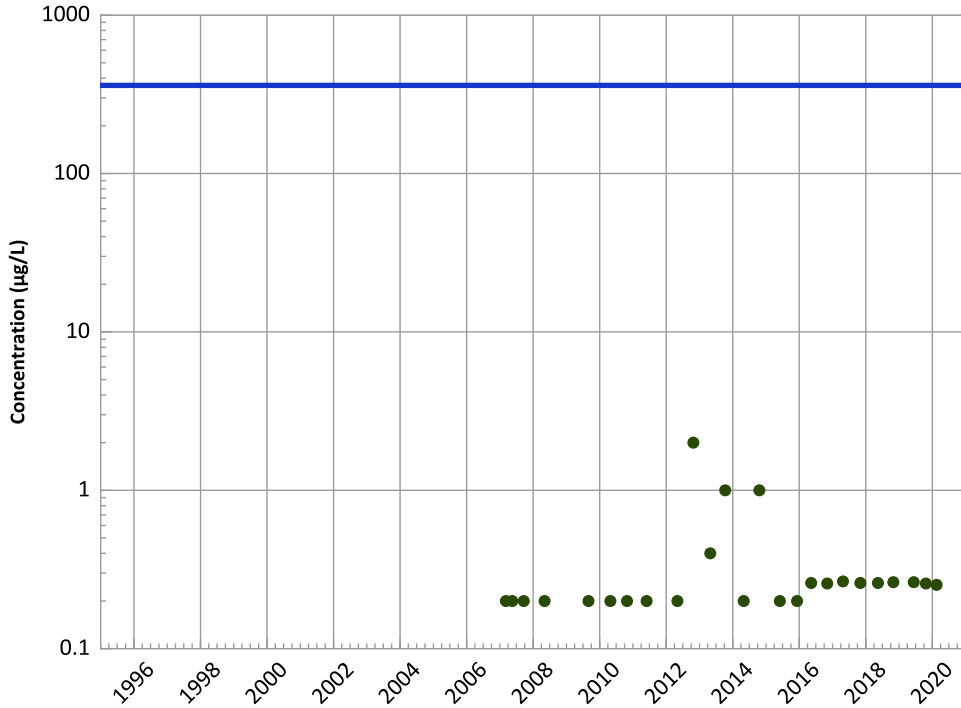


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

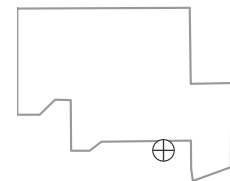


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

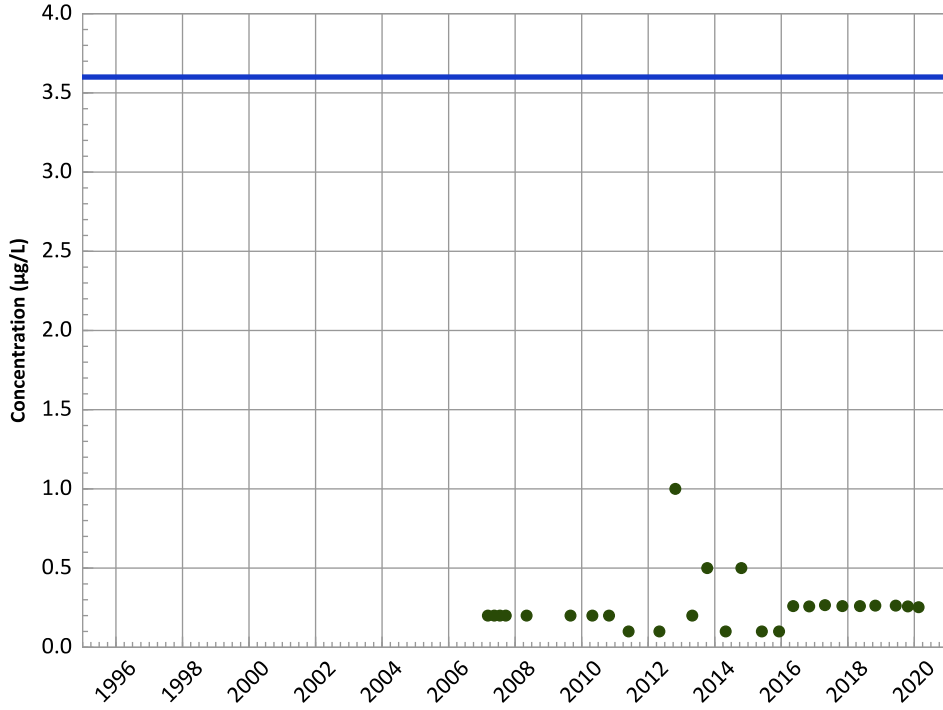


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

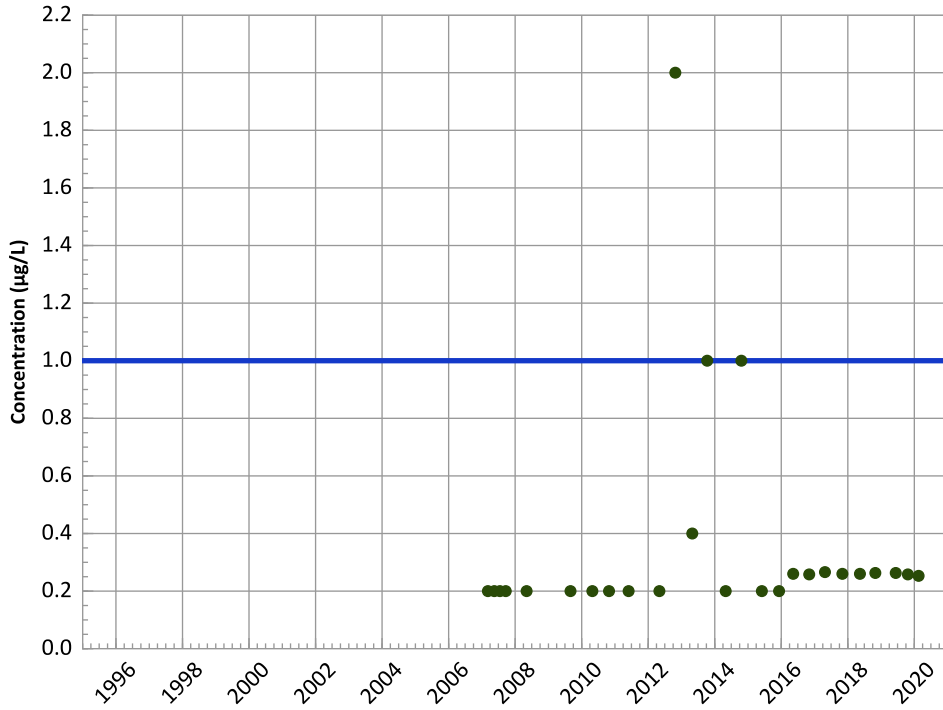
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

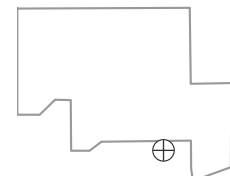
All Data:

All Non-Detect

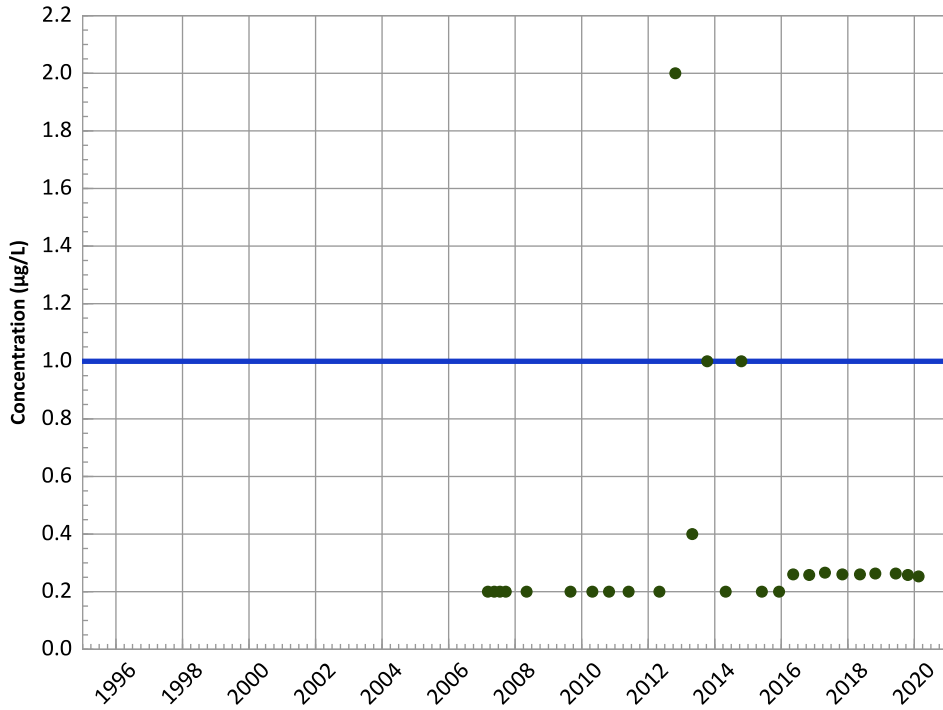
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ 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**

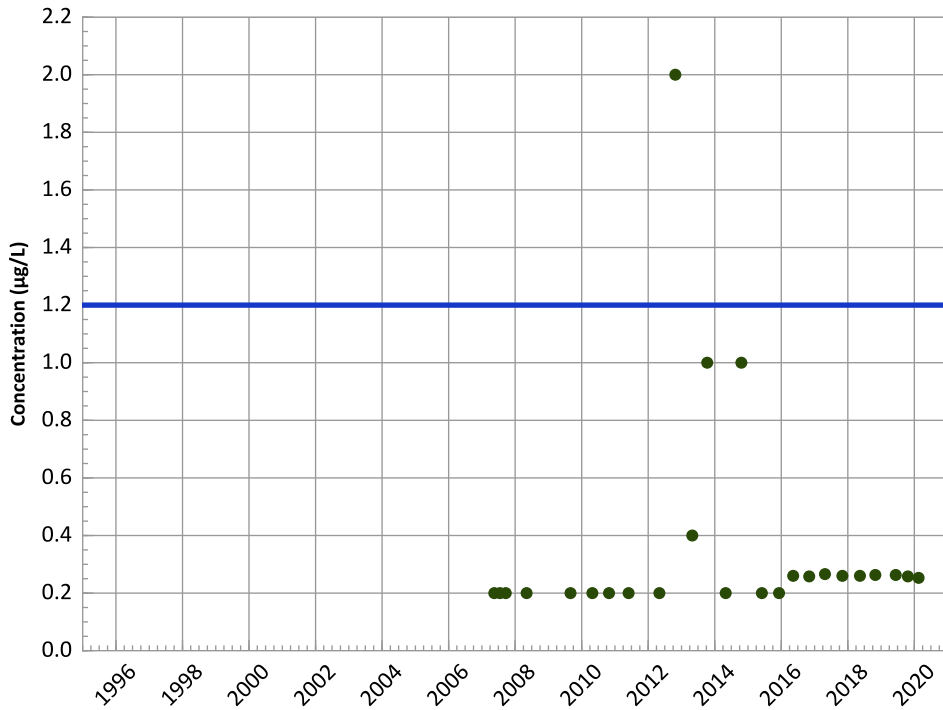


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

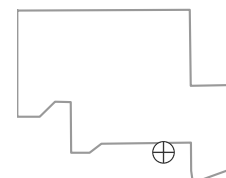
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

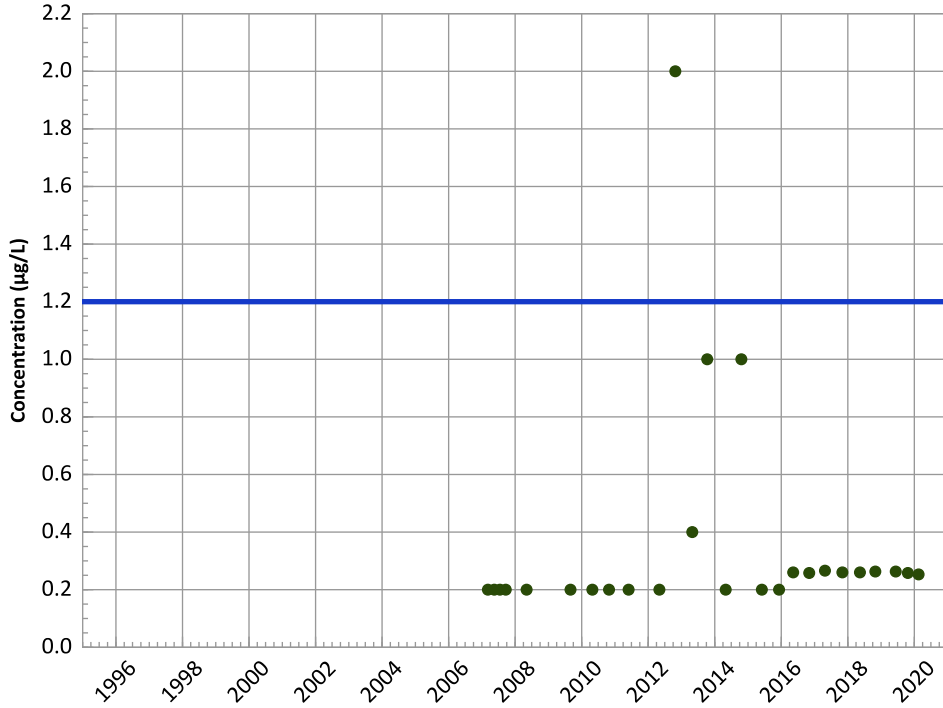
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

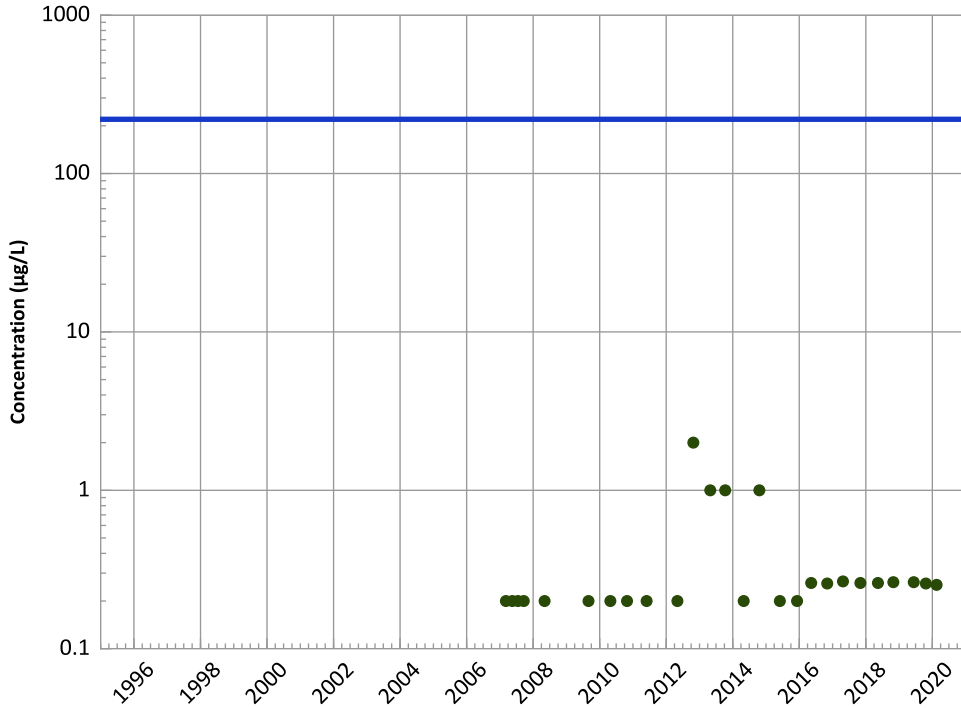
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

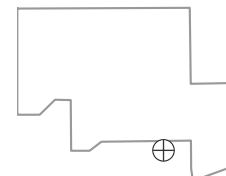
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

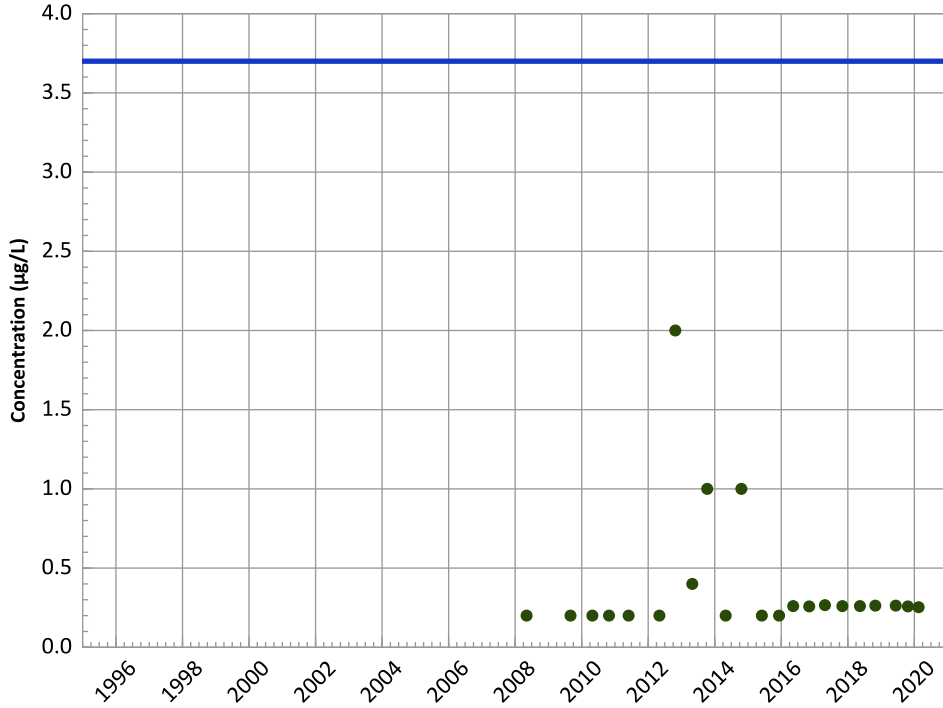
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

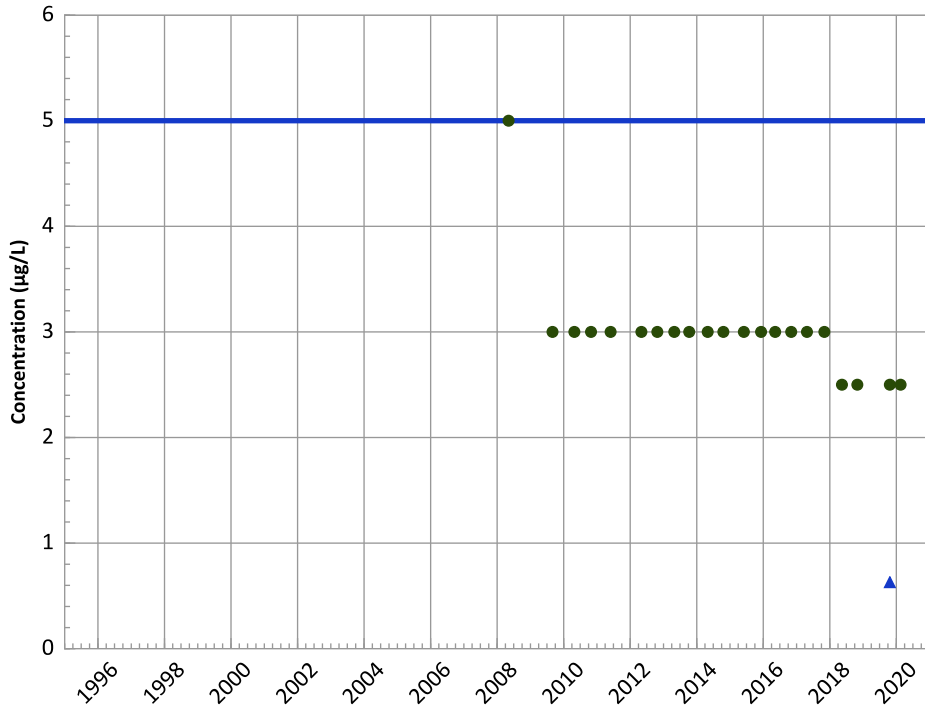
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

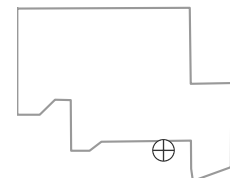
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

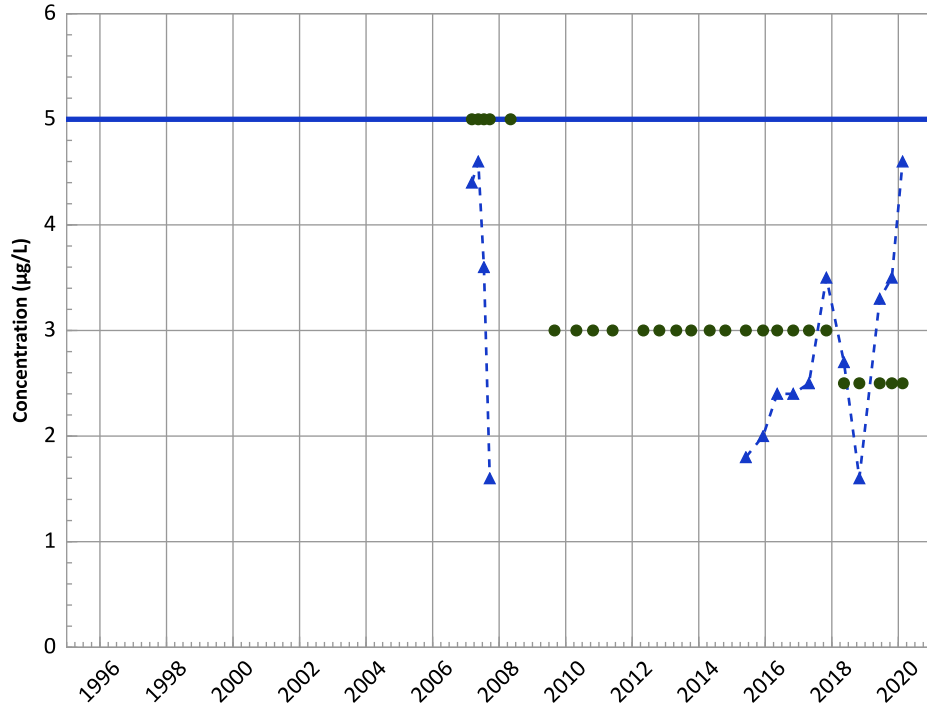
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

MAROS Linear Regression Method

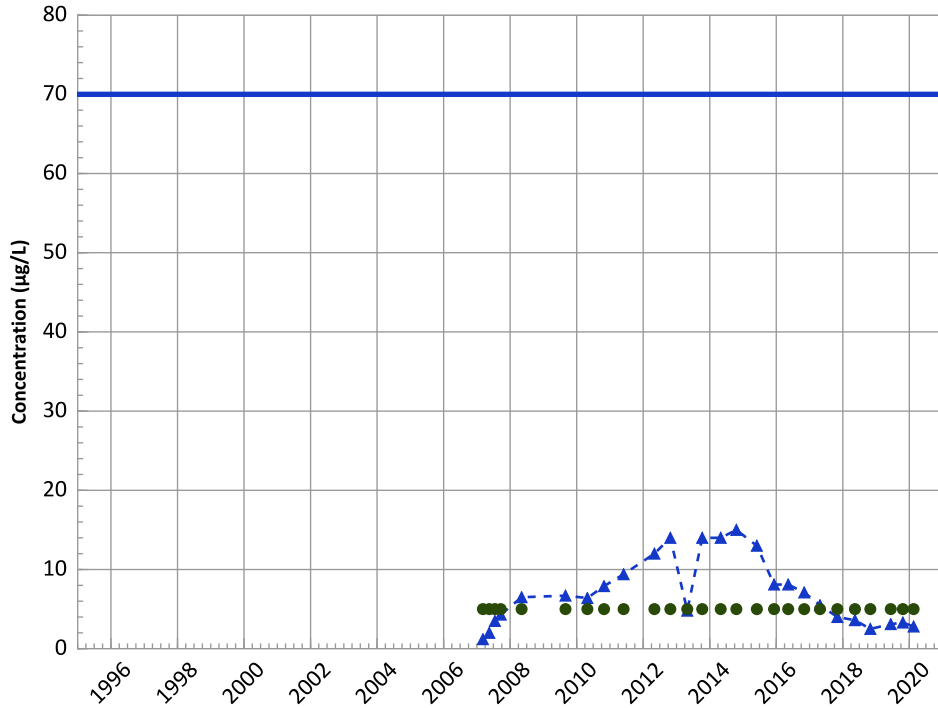
2018 - 2020 Data:

Increasing

All Data:

Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

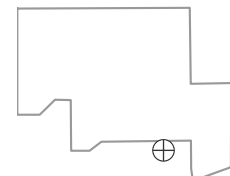
All Data:

No Trend

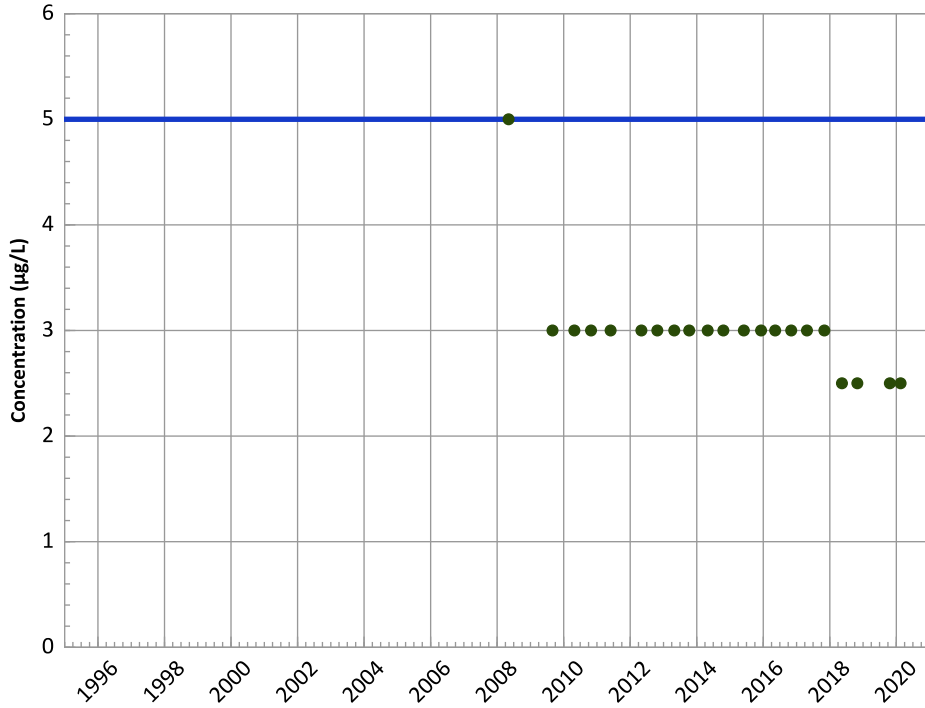
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

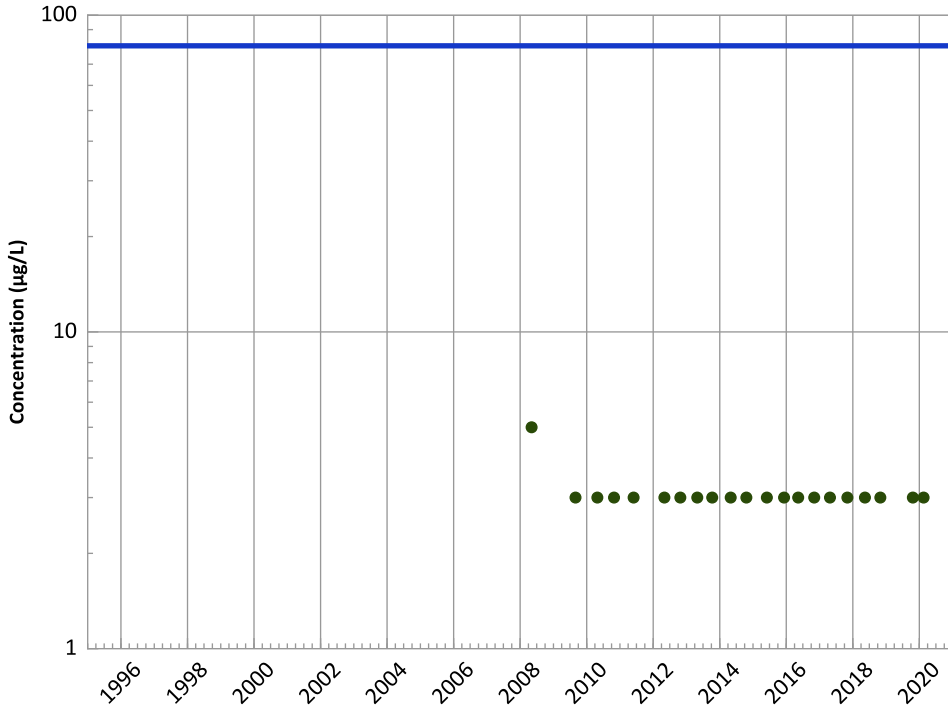
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

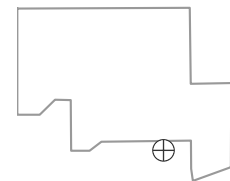
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

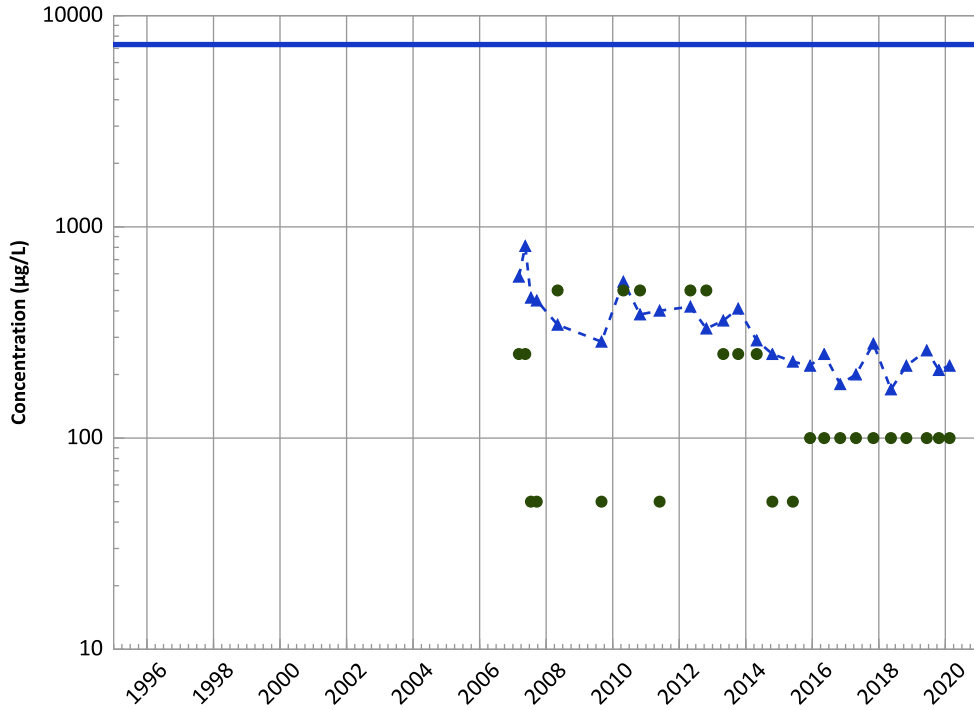
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Decreasing

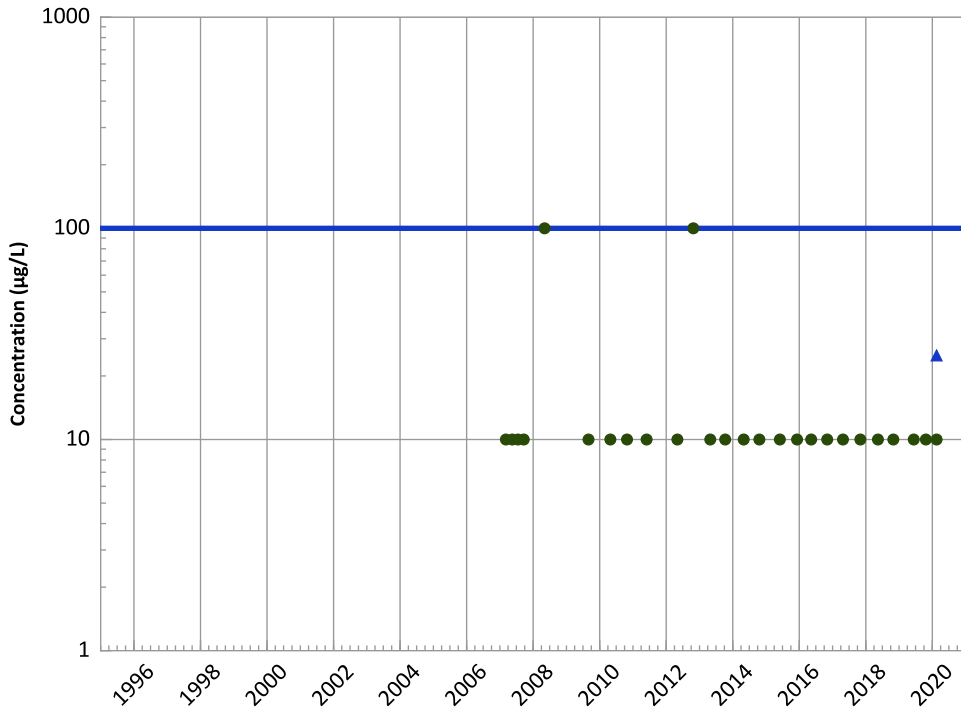
MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Decreasing

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

N/A (<4 Detections in Dataset)

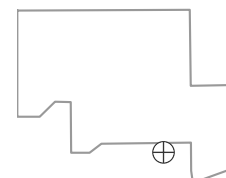
MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

N/A (<4 Detections in Dataset)

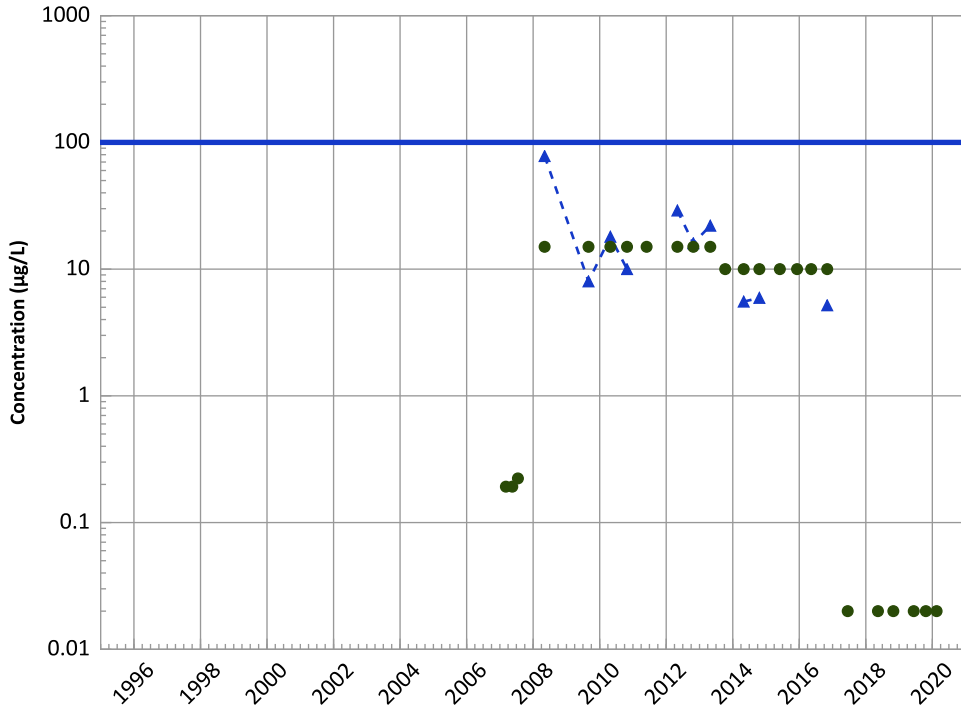
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chromium, Hexavalent Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

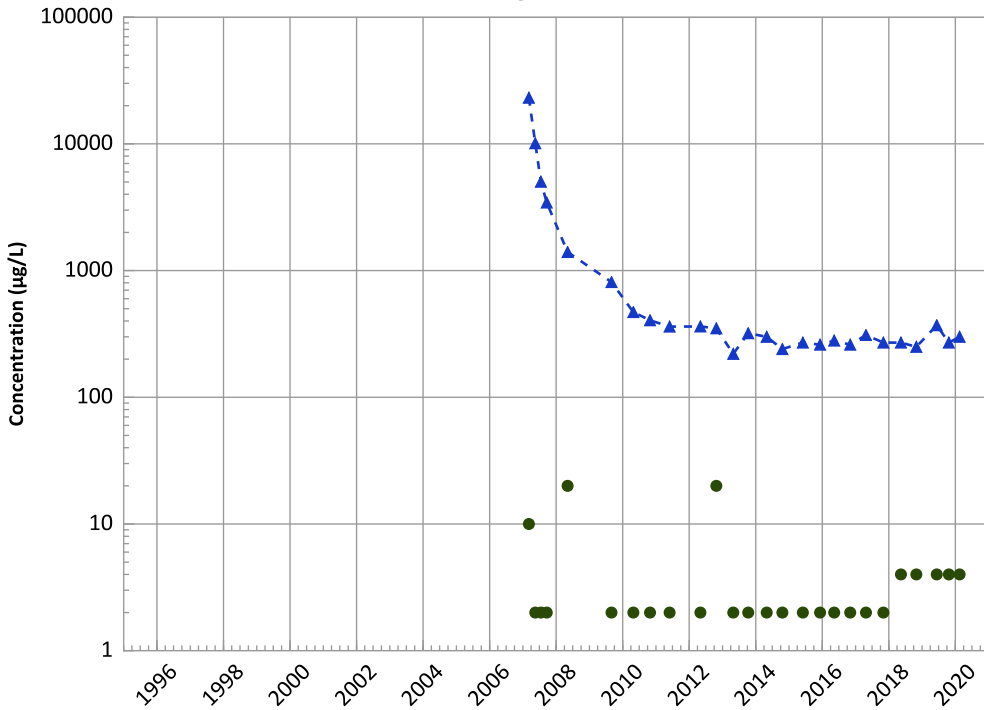
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

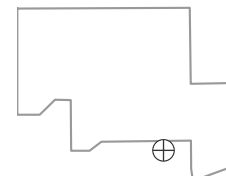
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

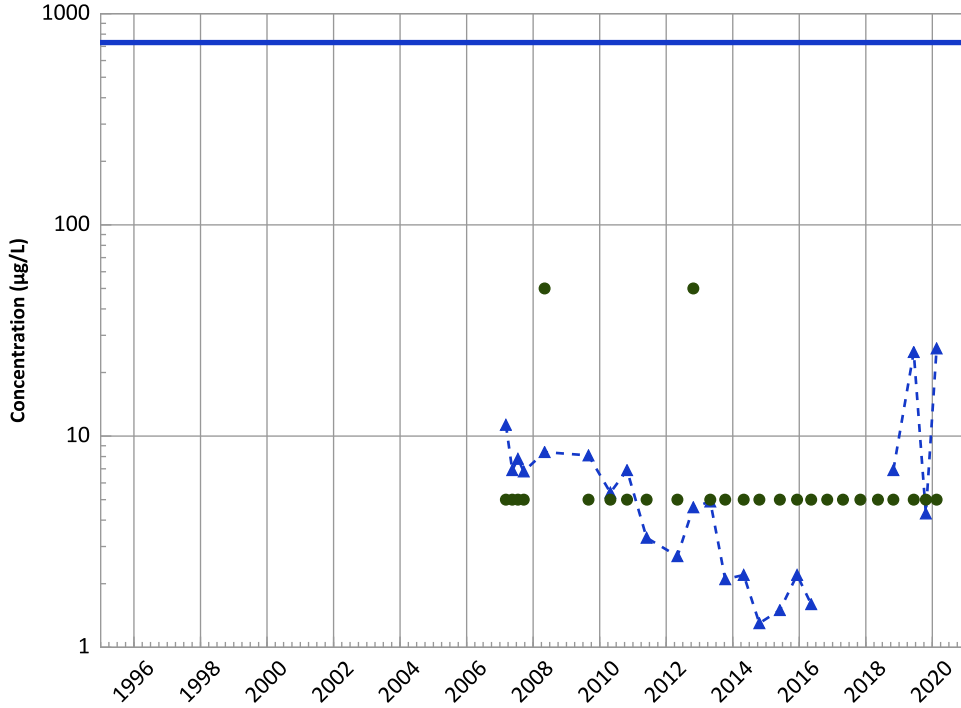
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

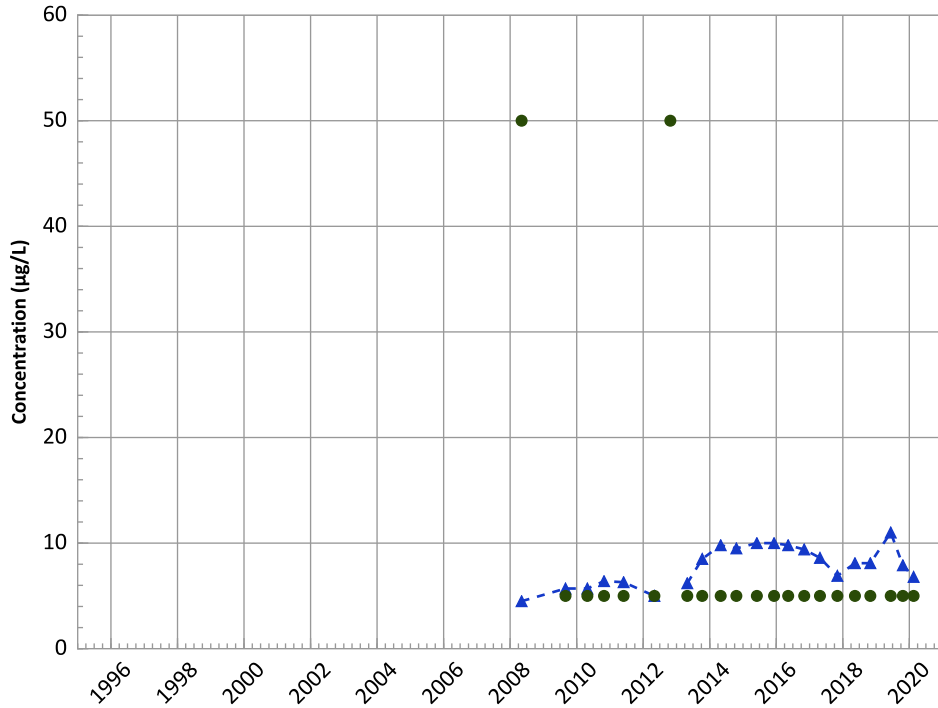
2018 - 2020 Data:

No Trend

All Data:

Stable

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

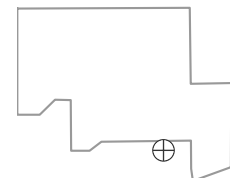
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

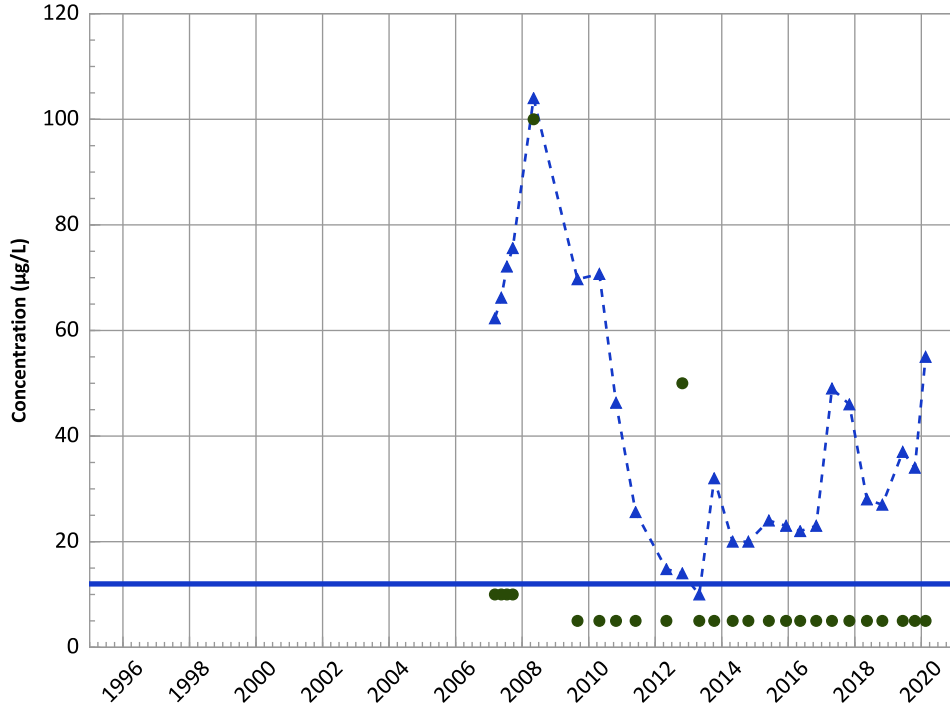
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

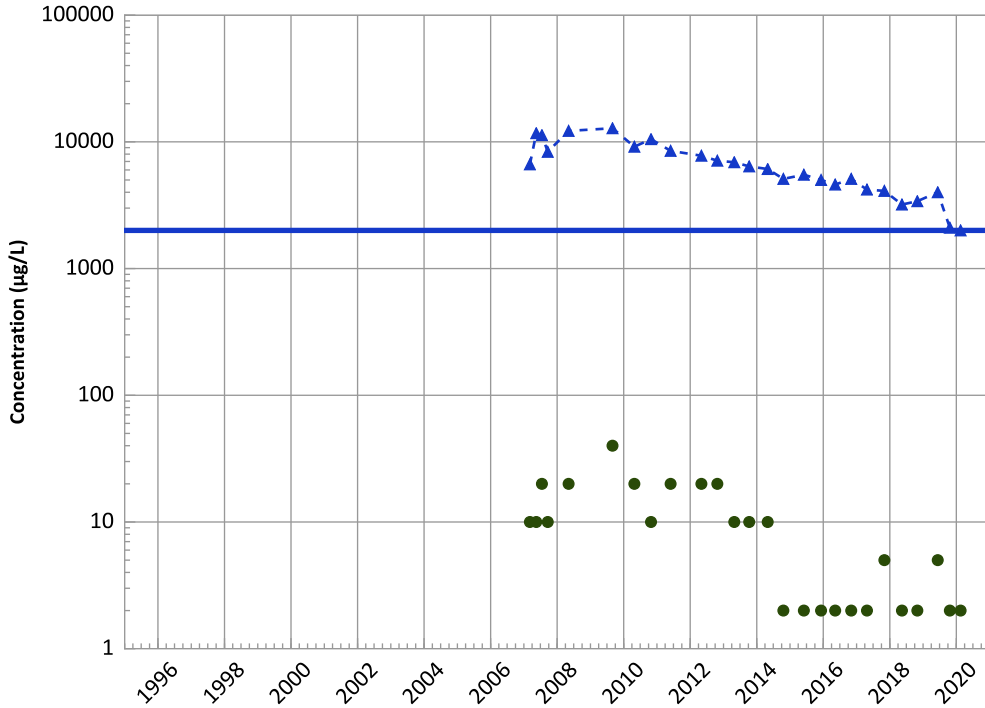


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Decreasing

Barium Trend



Concentration Trend

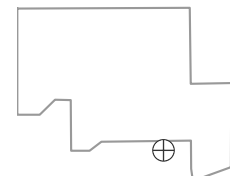
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

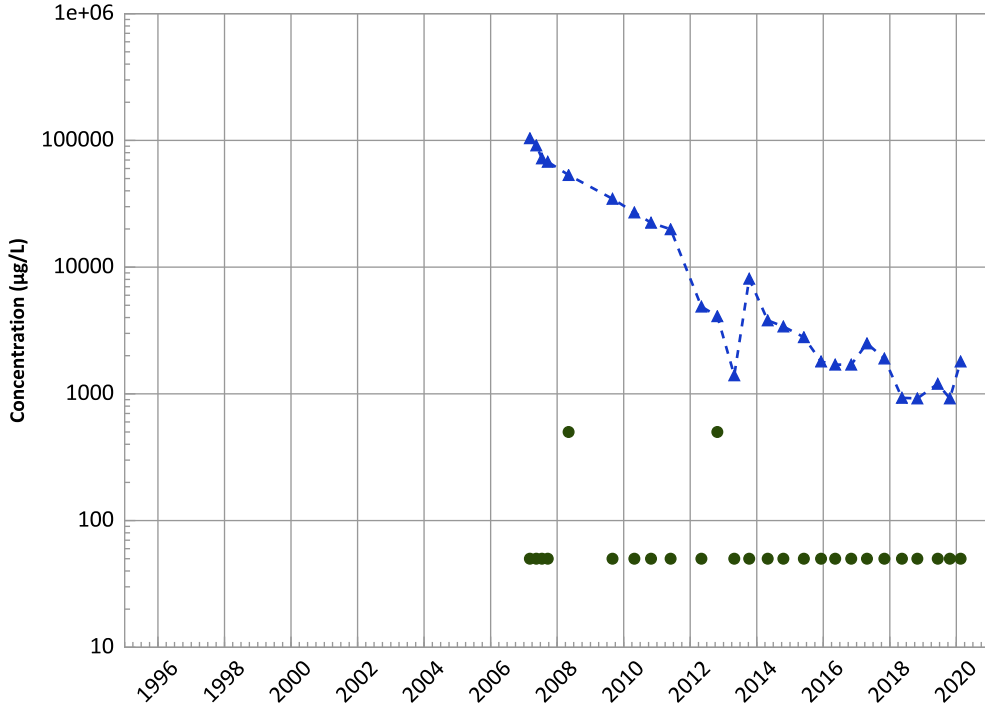
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

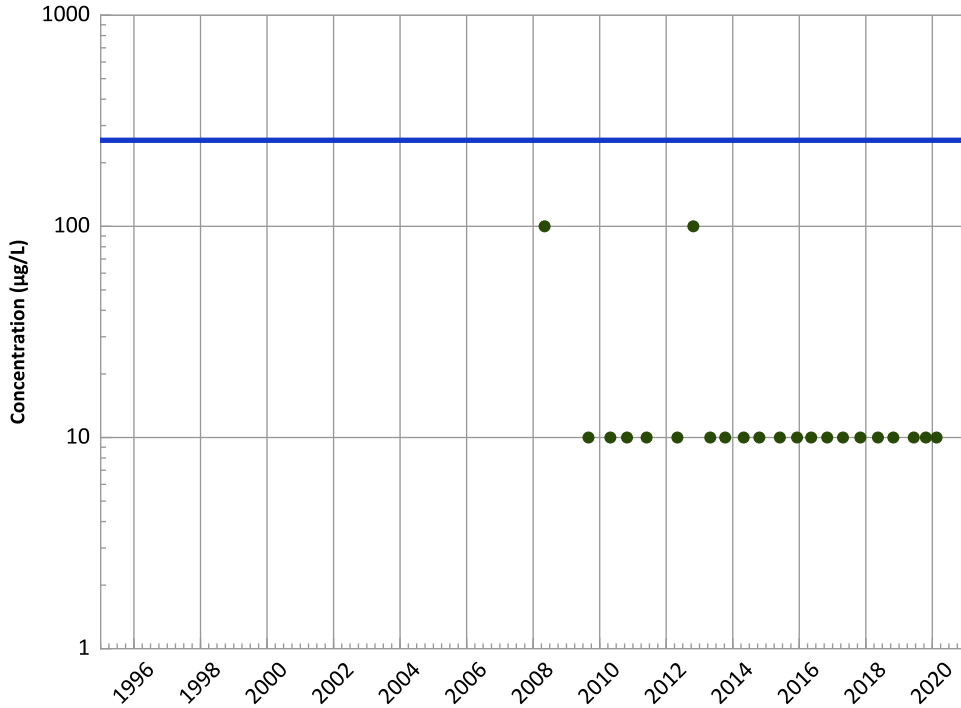
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

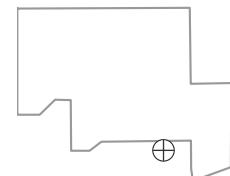
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

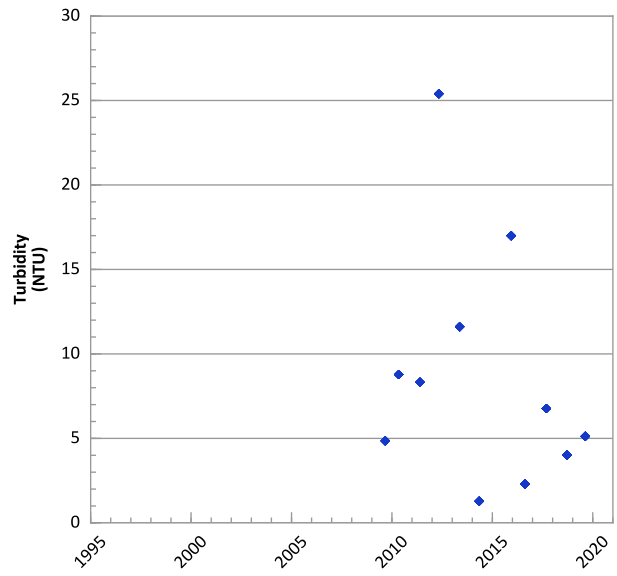
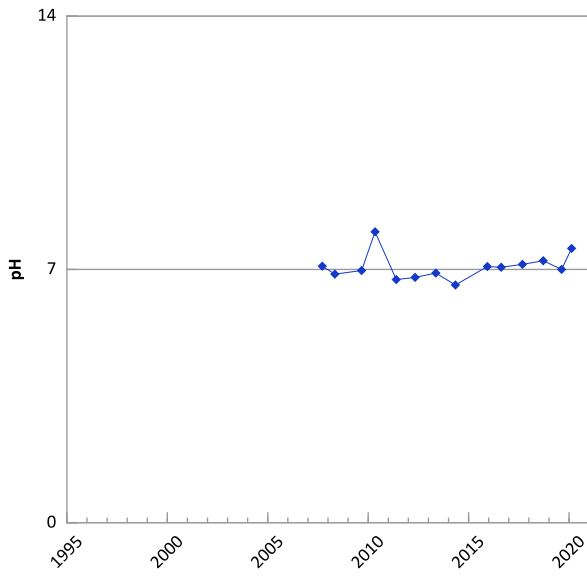
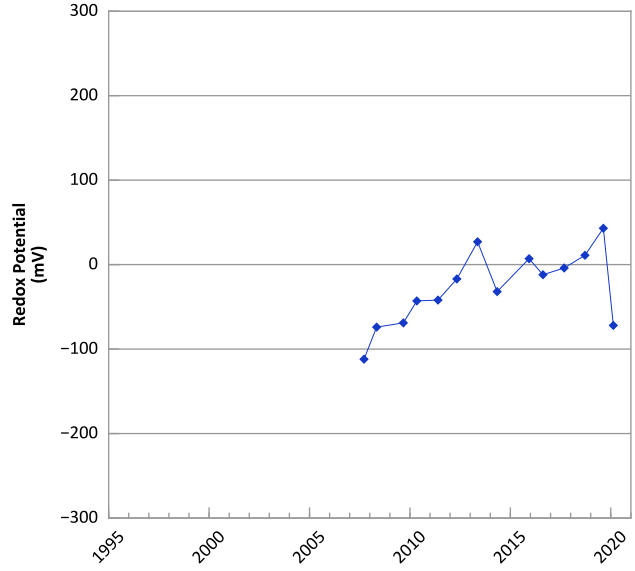
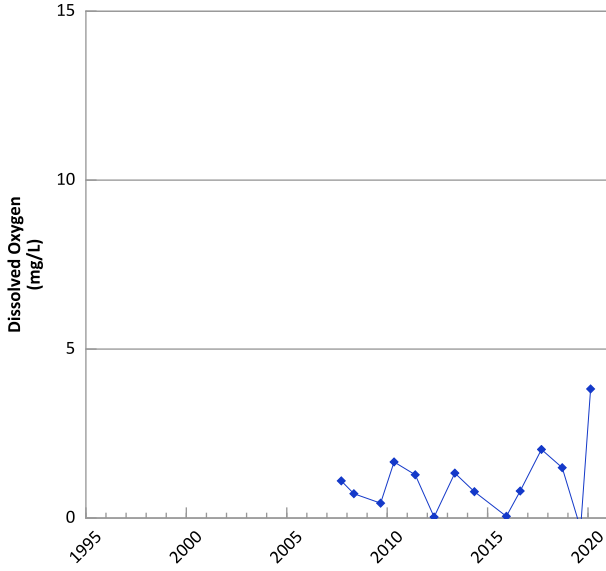
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

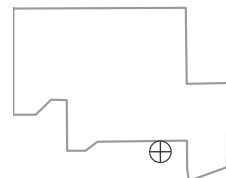
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



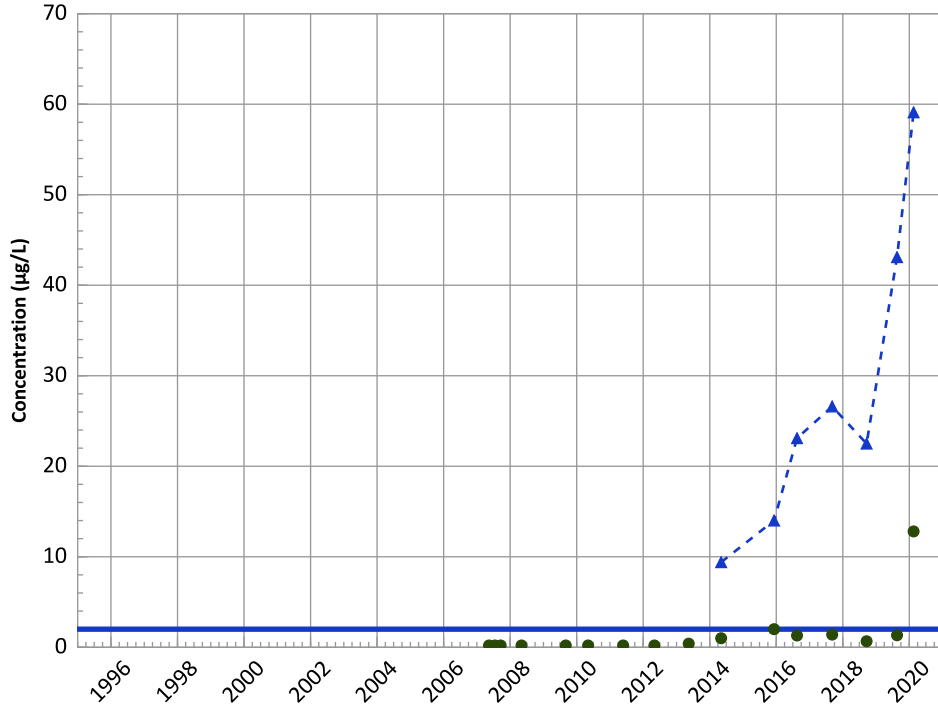
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 03/06/2007 to 02/17/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

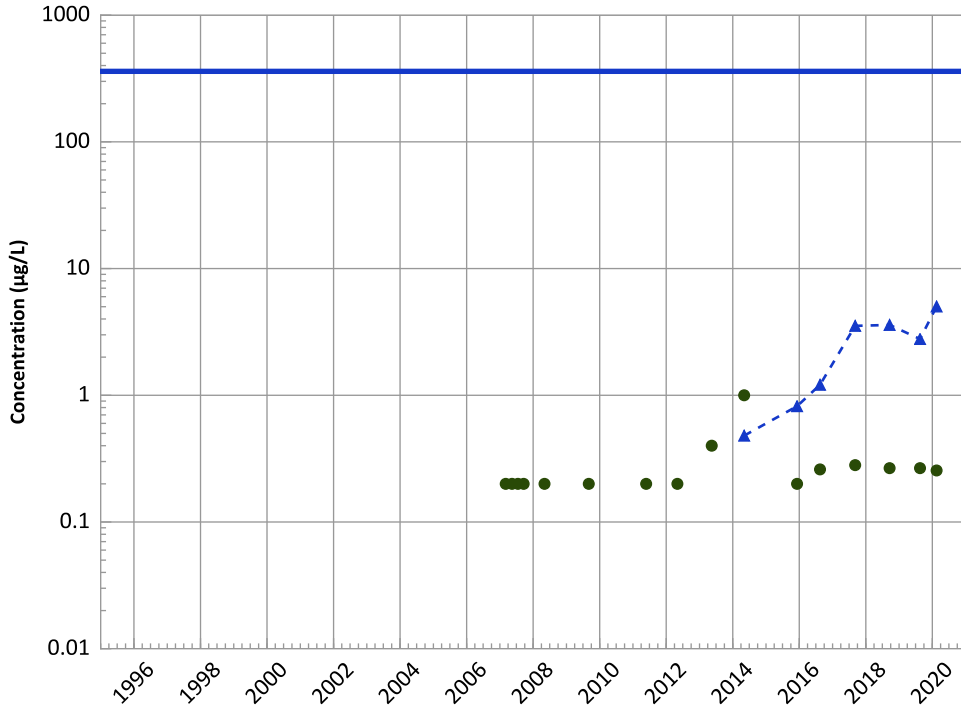
2018 - 2020 Data:

No Trend

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

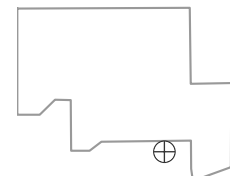
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

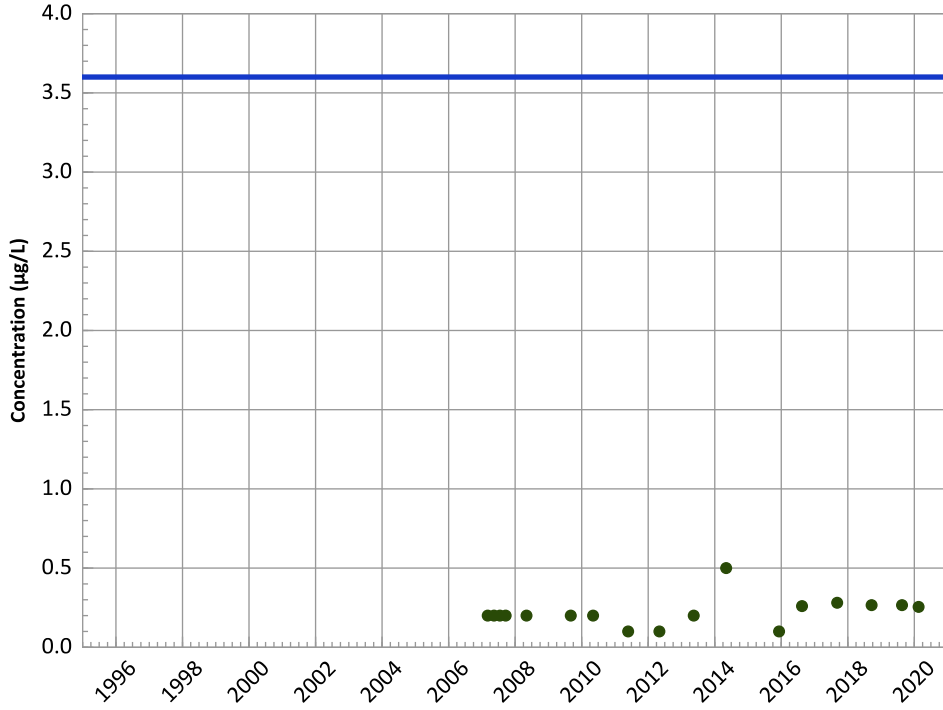


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

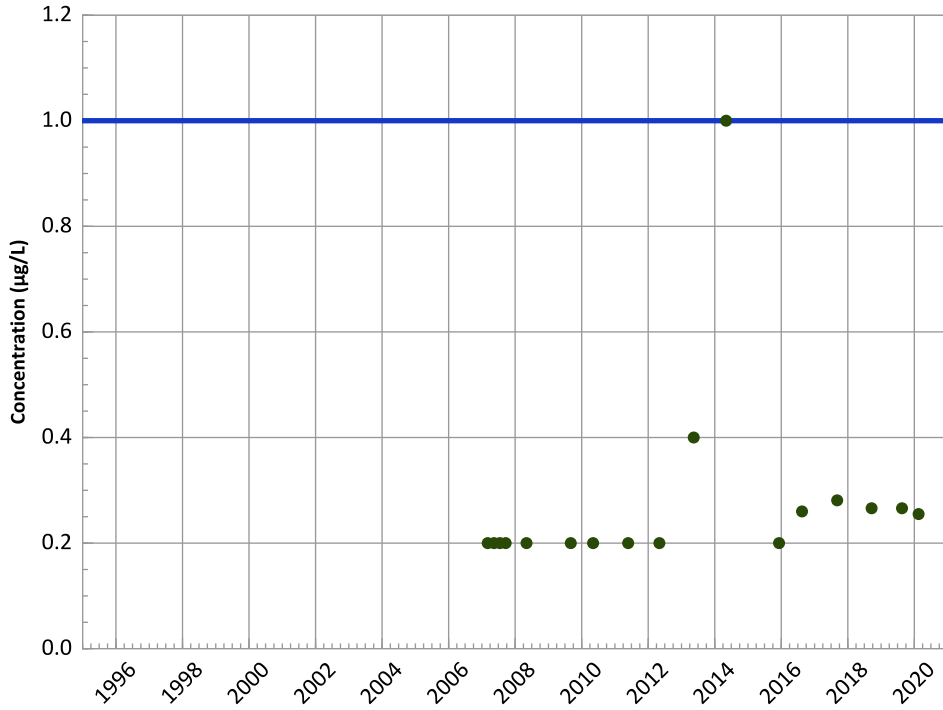
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

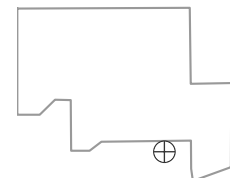
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

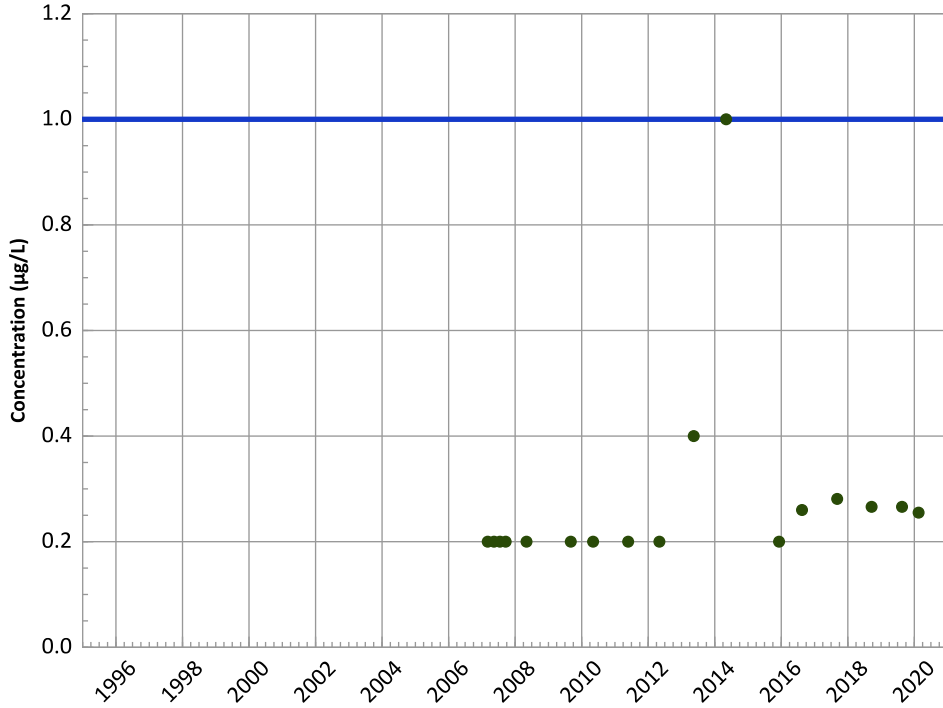
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

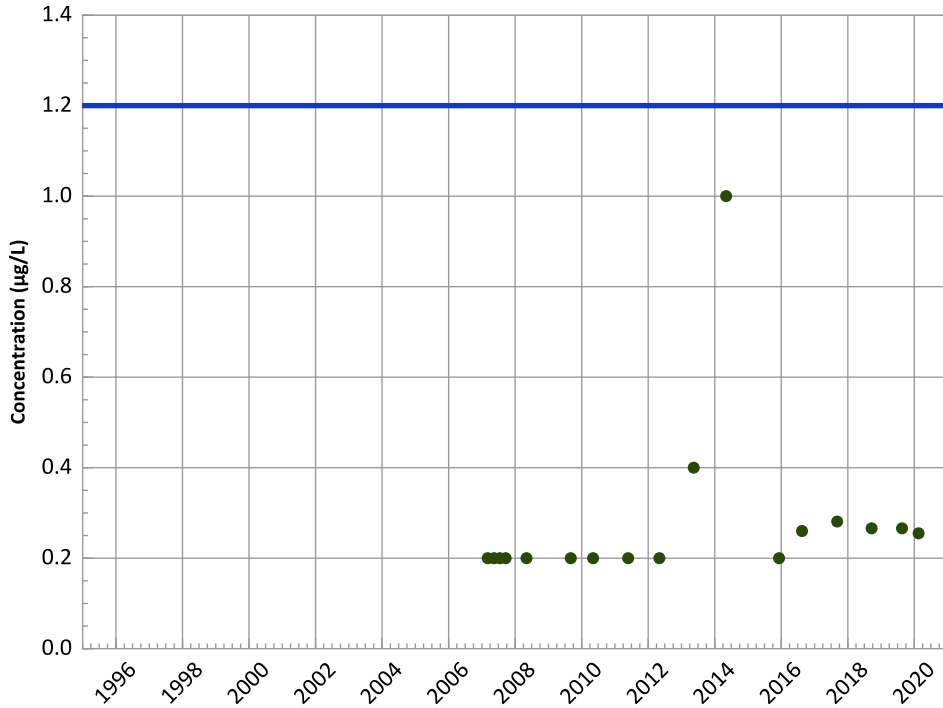
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

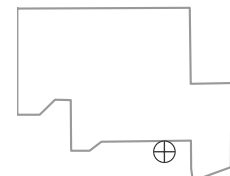
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

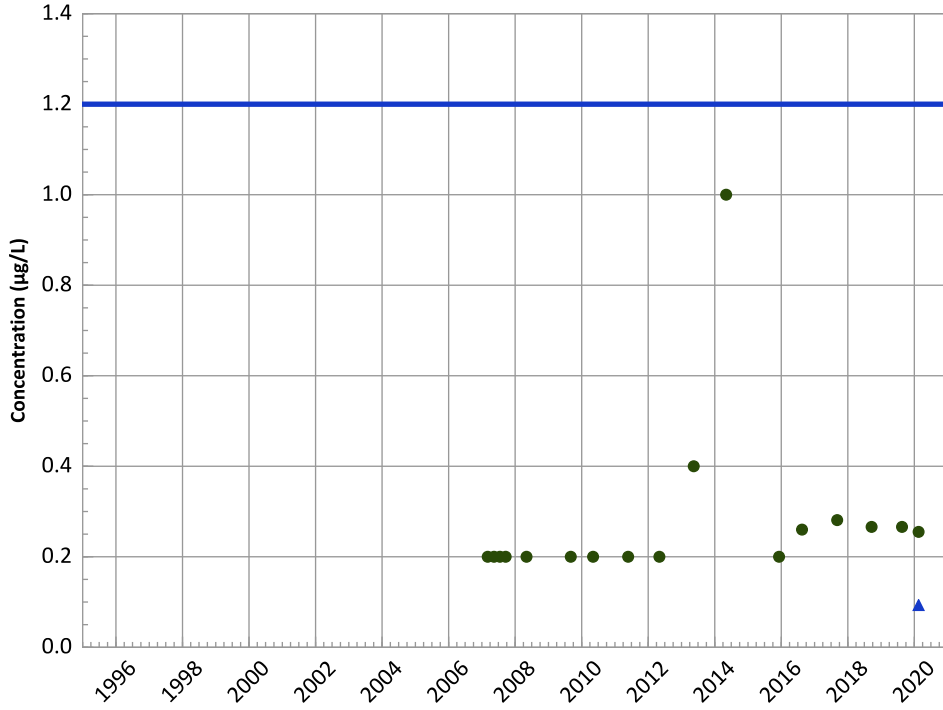


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

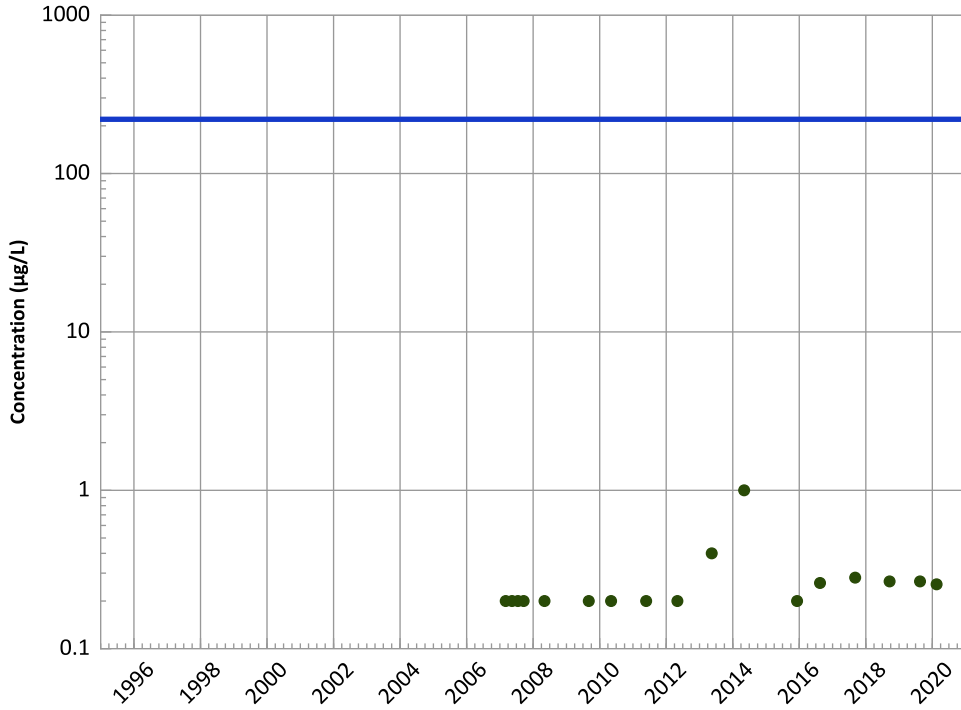
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

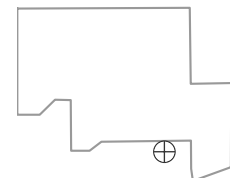
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

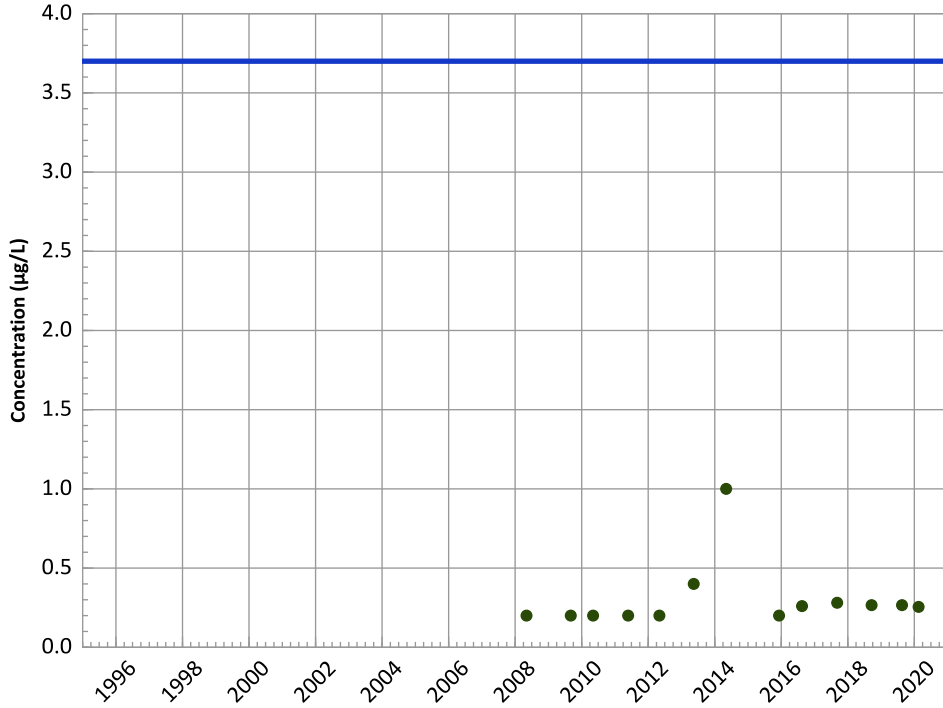


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

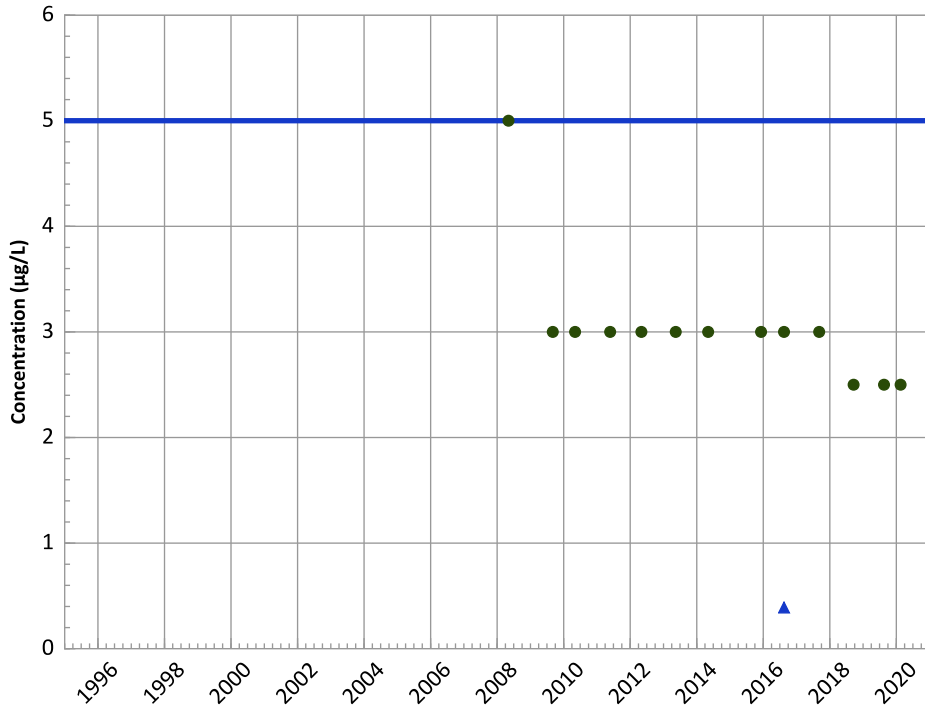
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

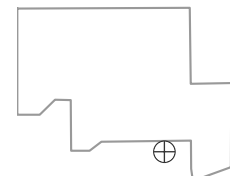
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

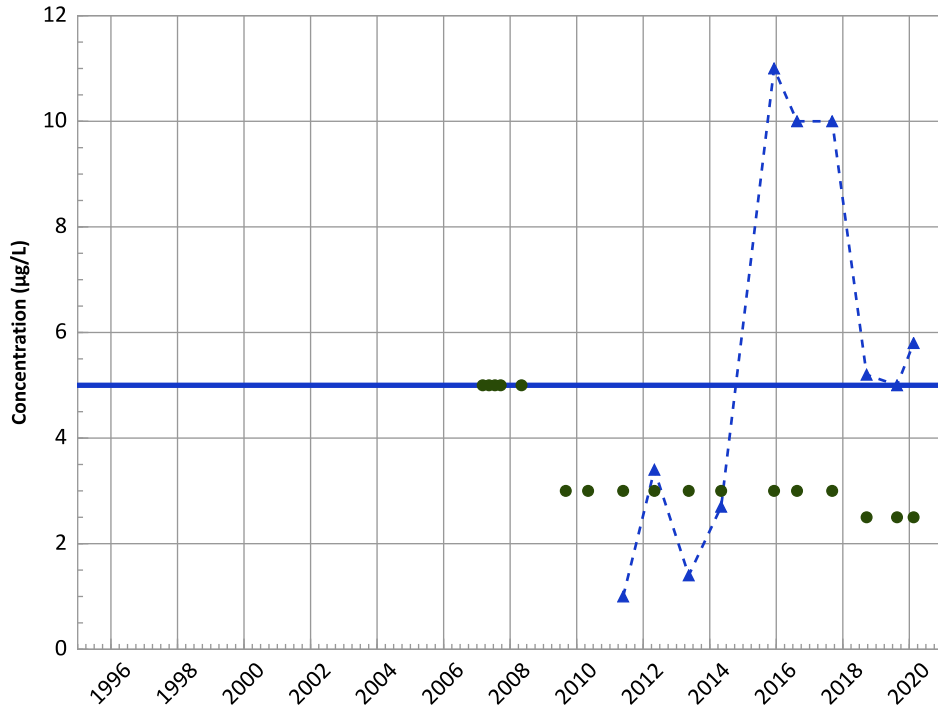
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

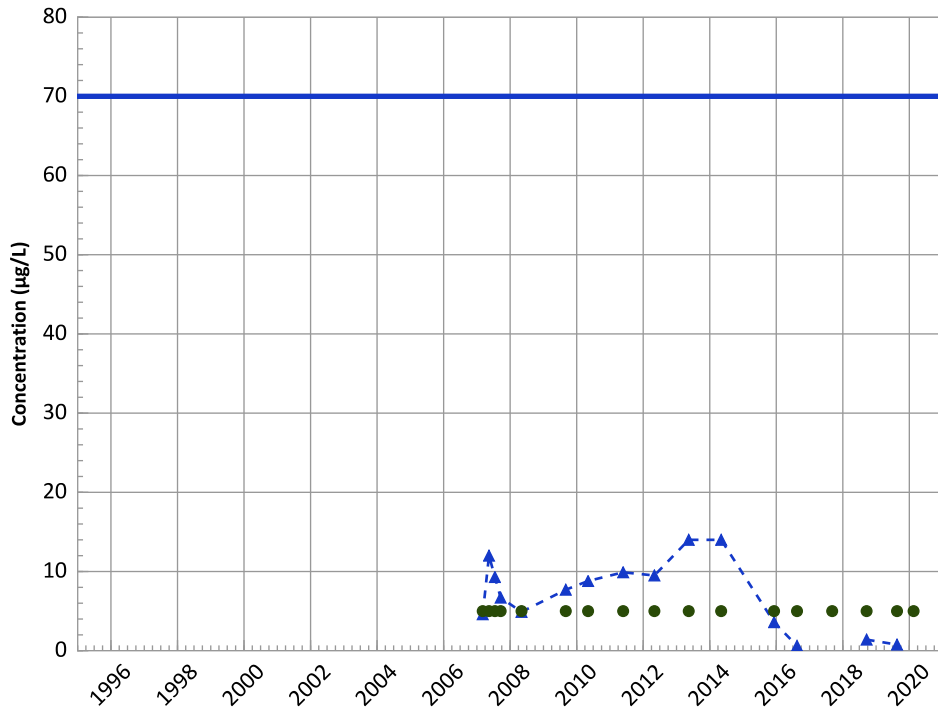
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

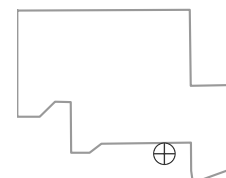
MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Decreasing

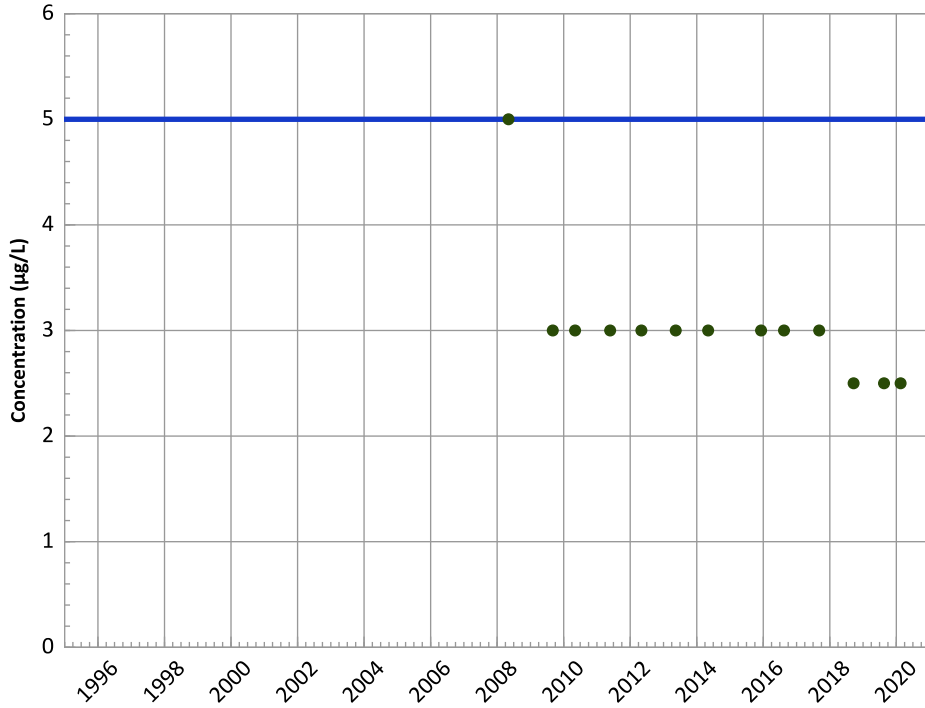
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

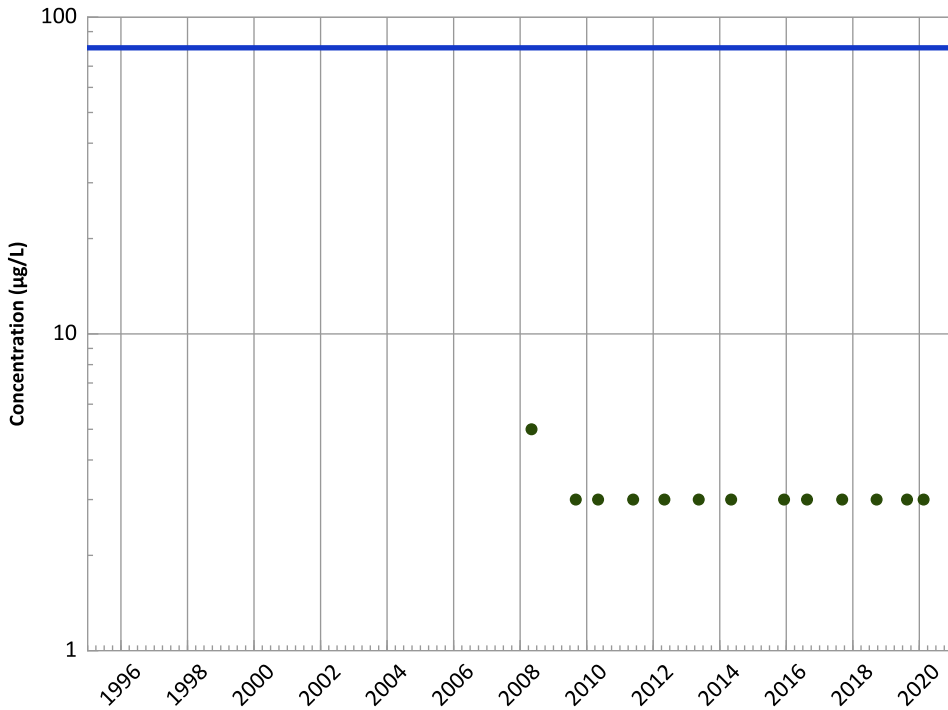
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

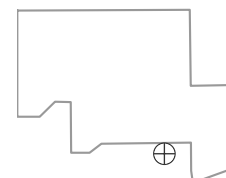
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

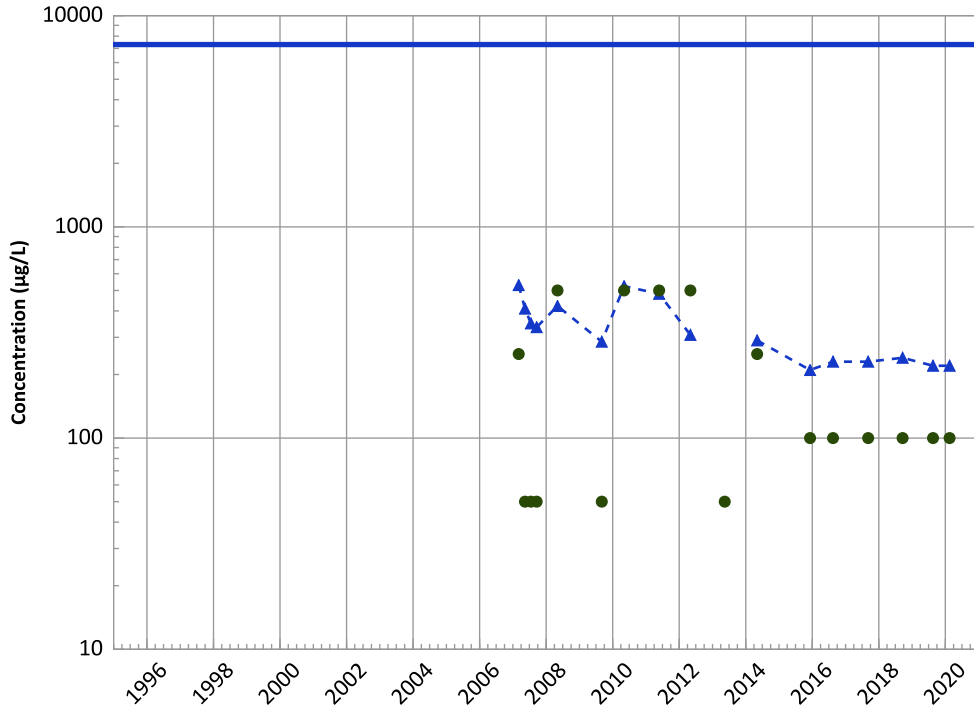
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

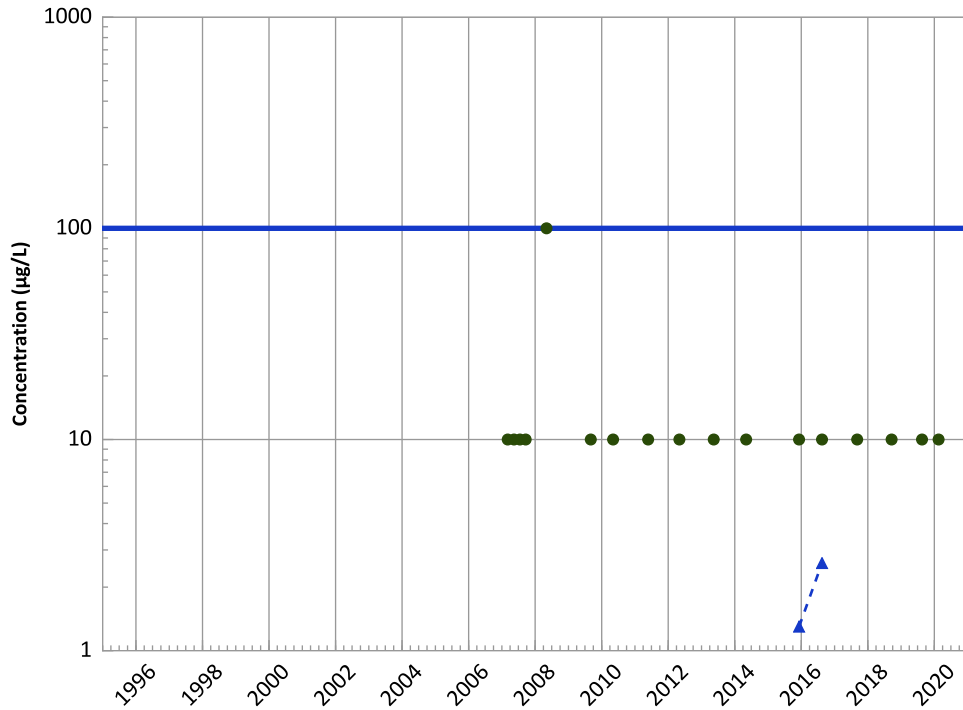


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Chromium, Total Trend

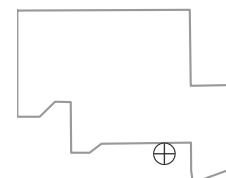


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

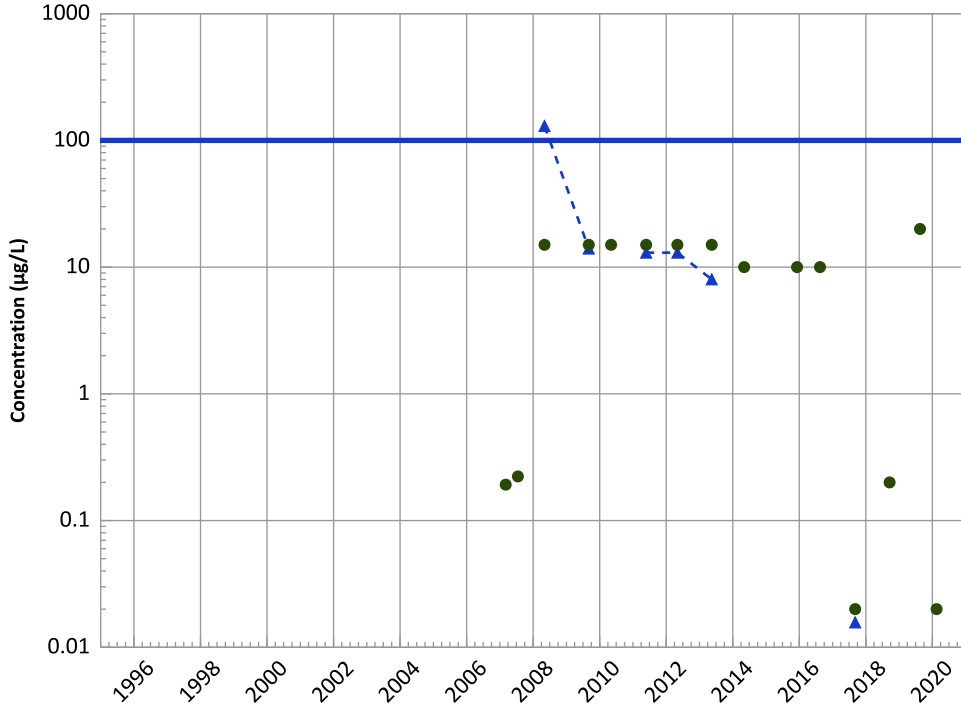


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

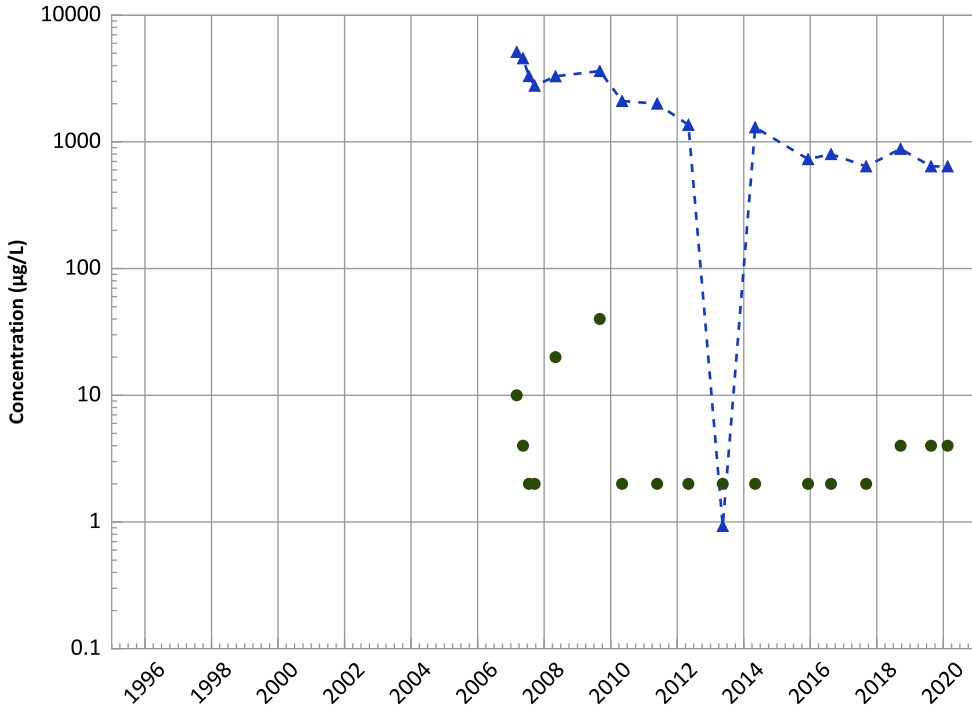


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Manganese Trend

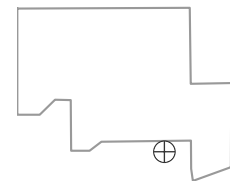


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Decreasing

Well Location

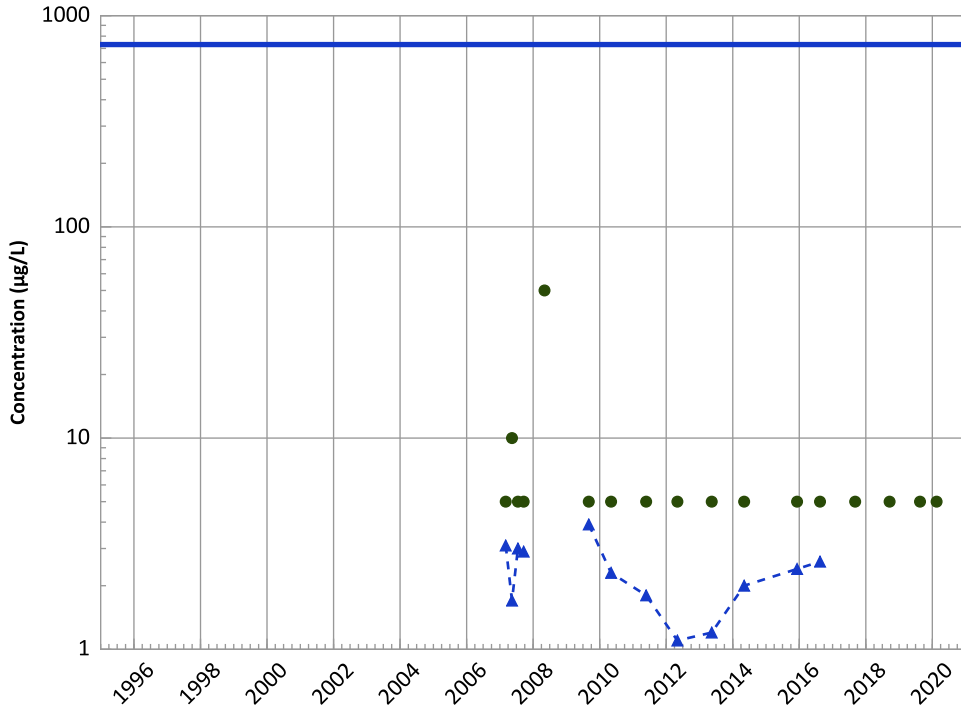


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

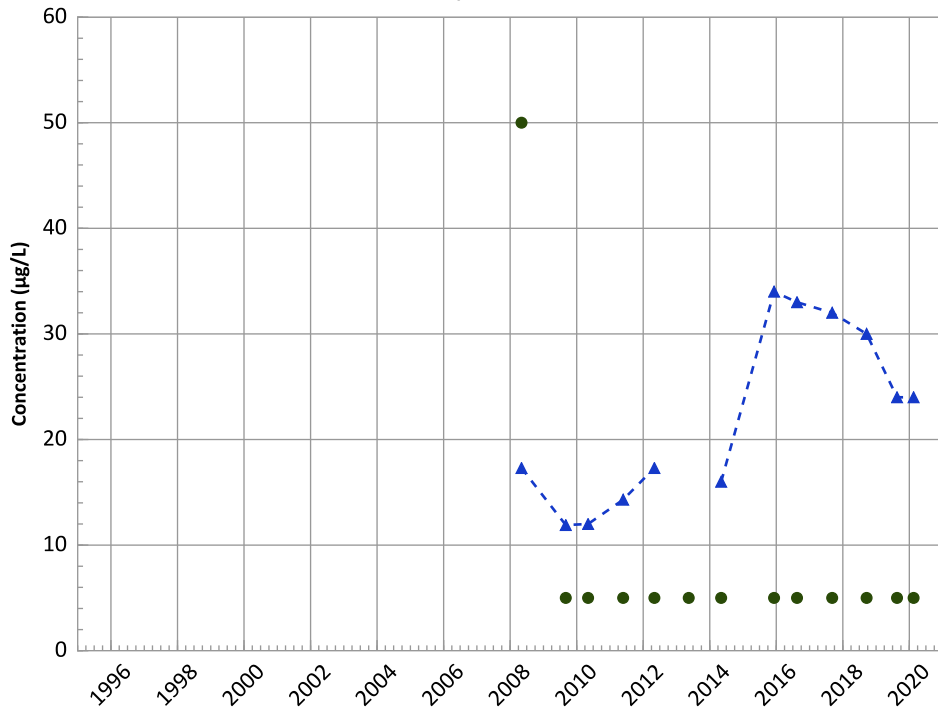
2018 - 2020 Data:

Increasing

All Data:

Stable

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

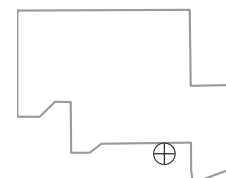
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Well Location

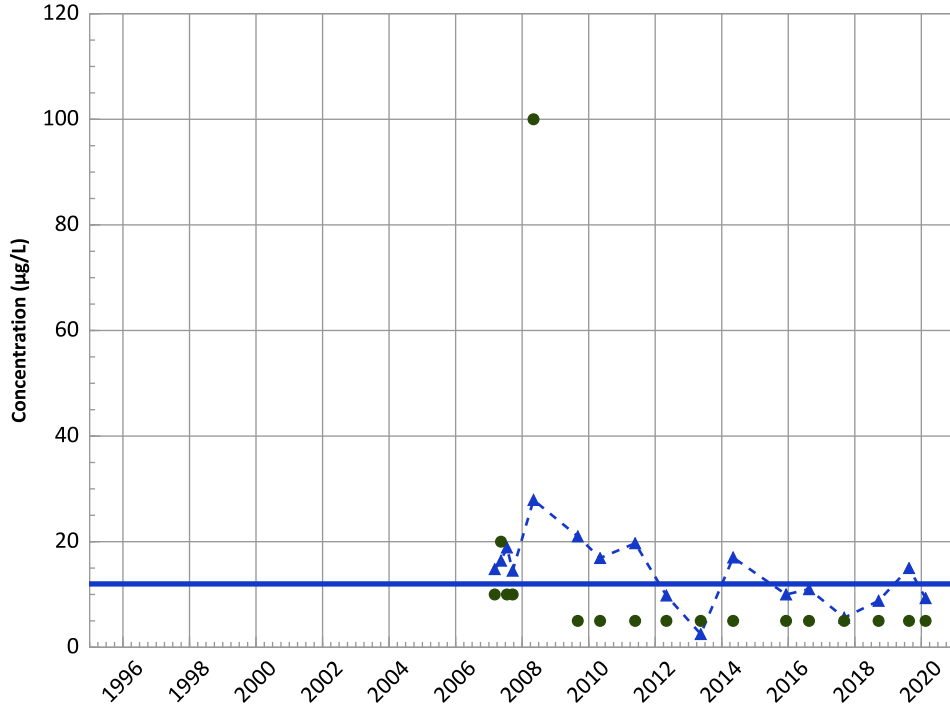


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

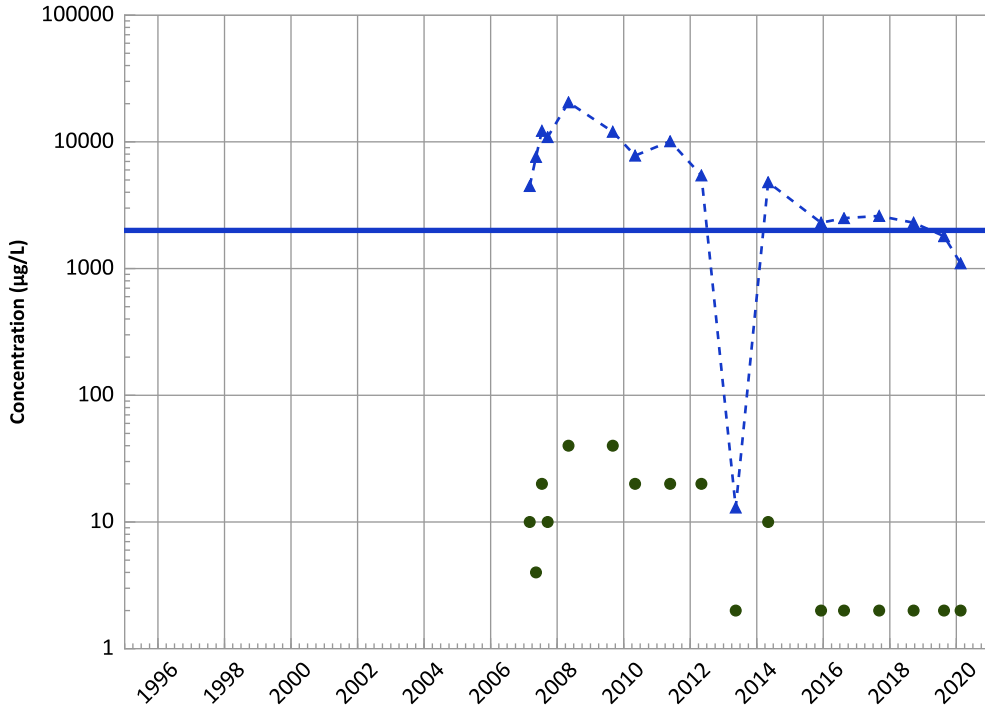
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

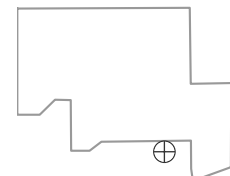
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

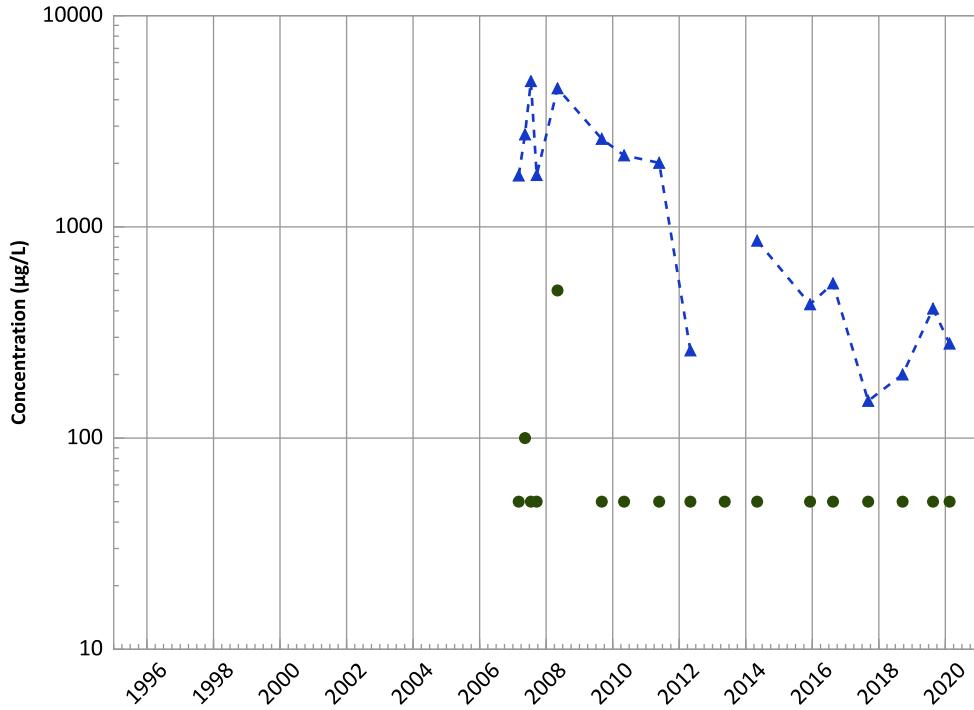
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

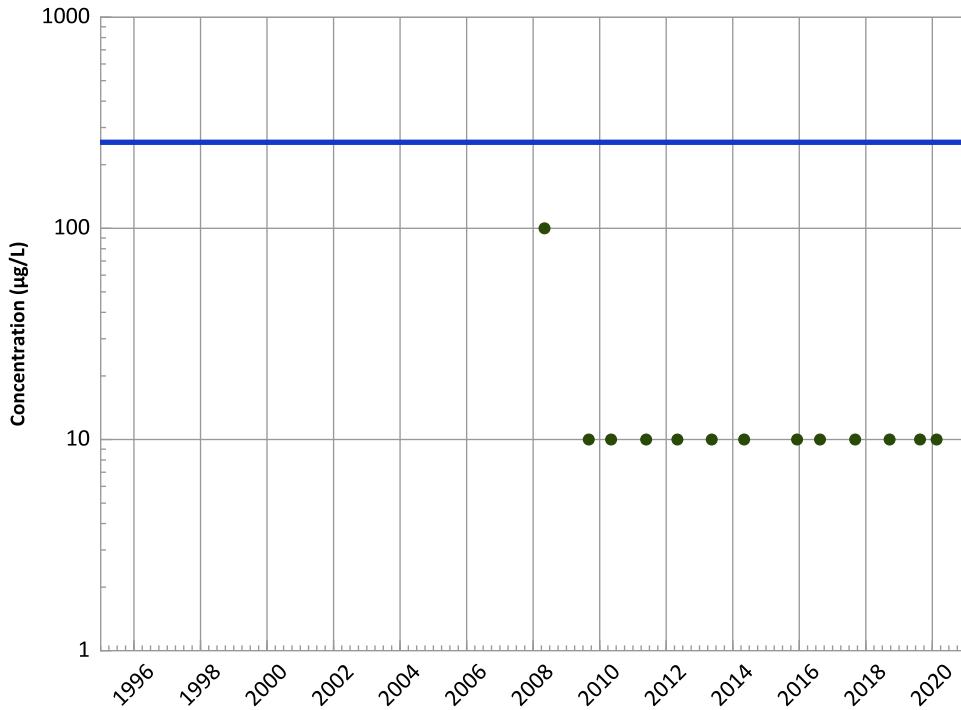
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

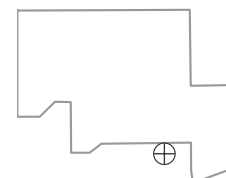
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

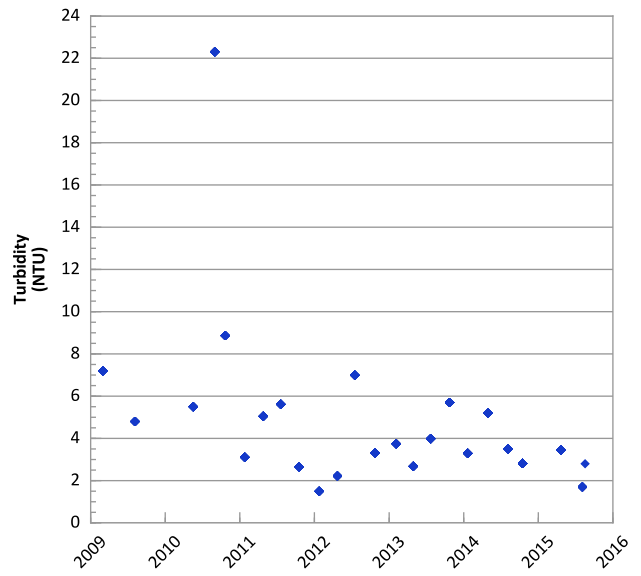
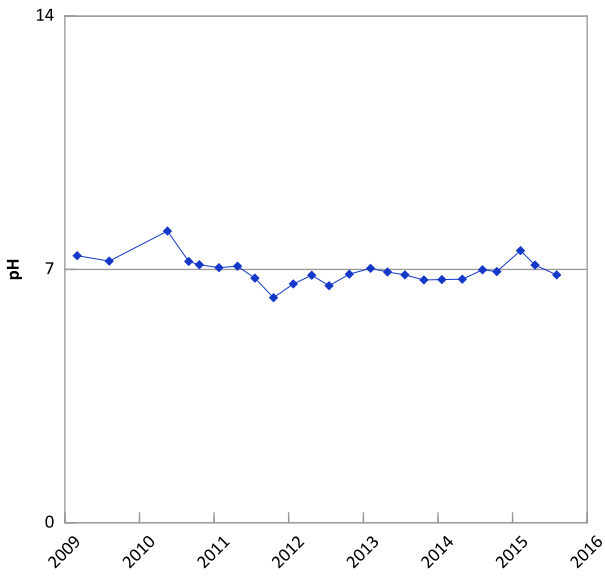
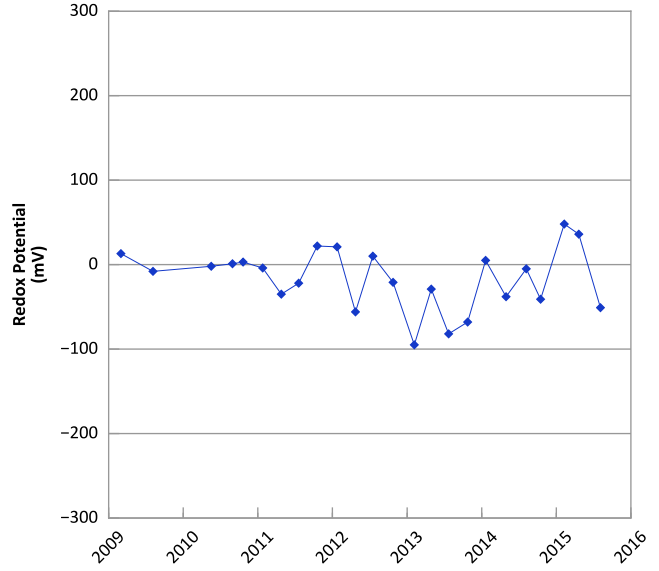
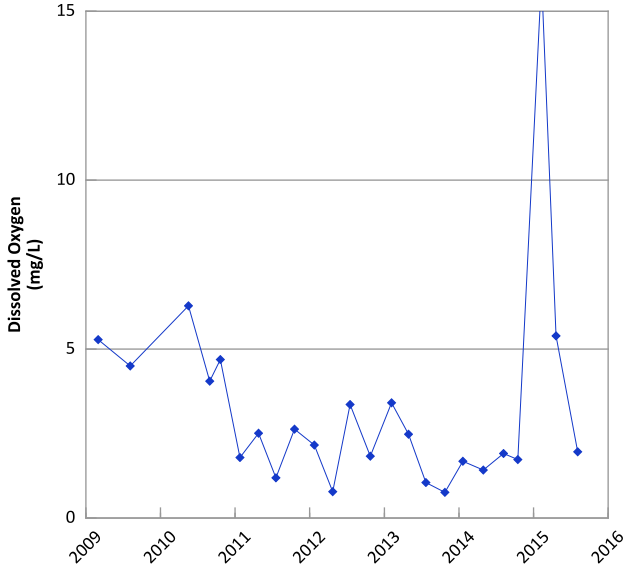
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

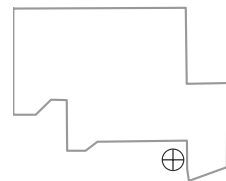
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



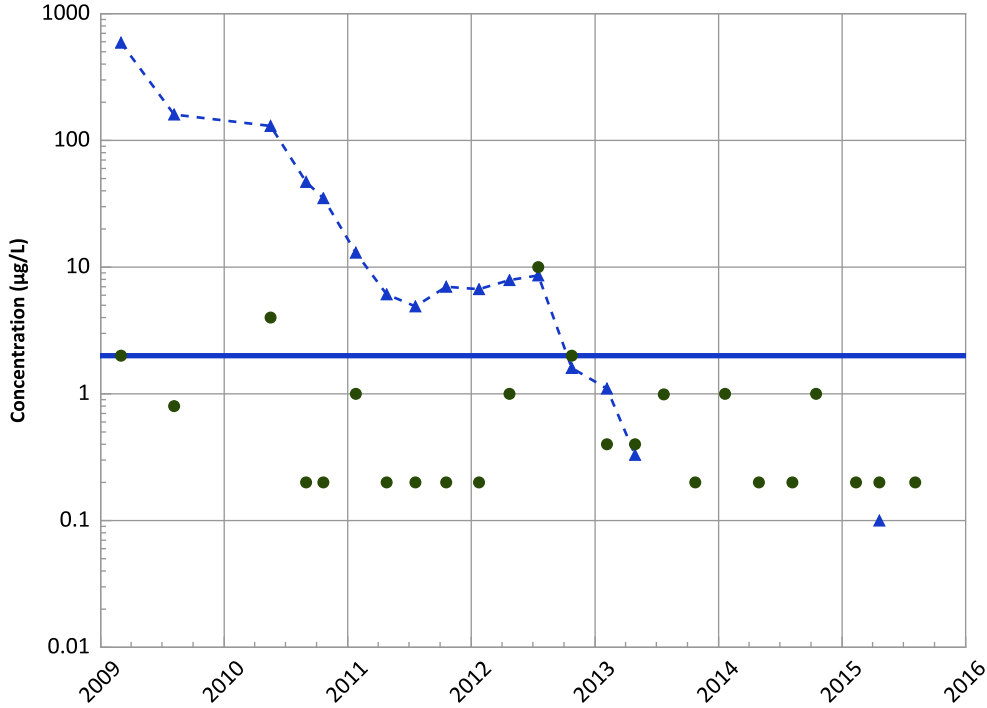
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/02/2009 to 08/18/2015
 Analysis Date: 05/19/2021

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

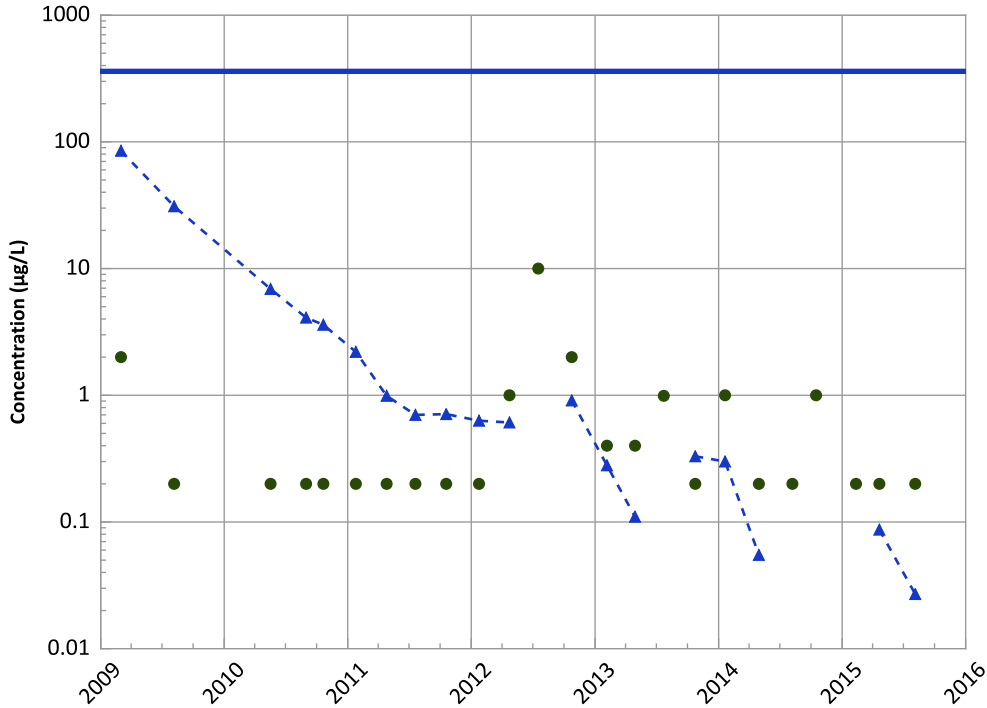


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

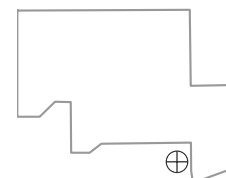


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Well Location

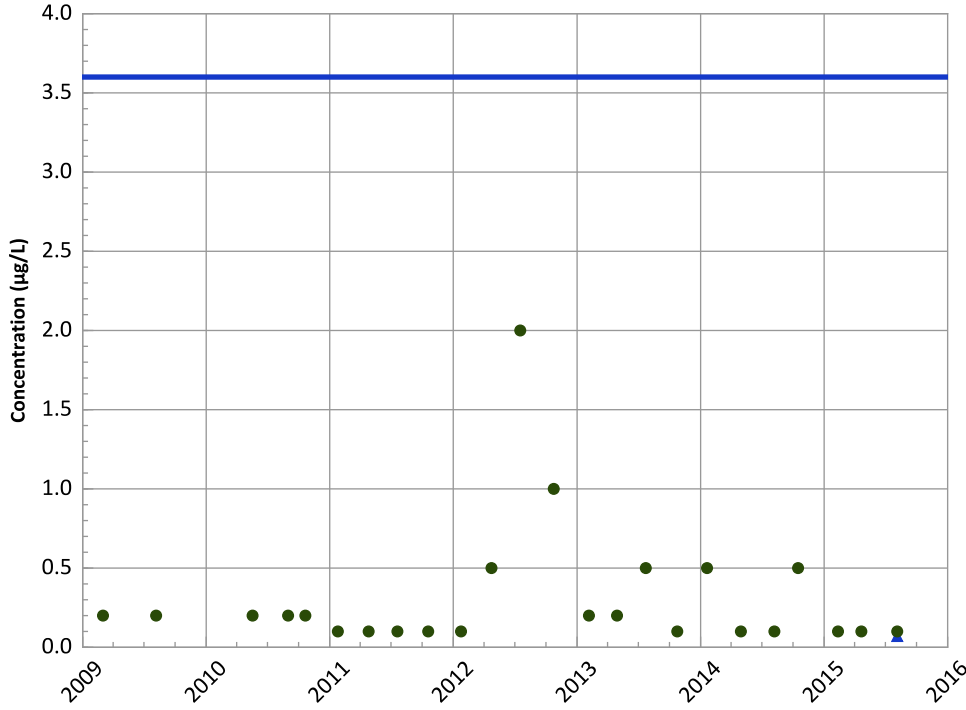


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

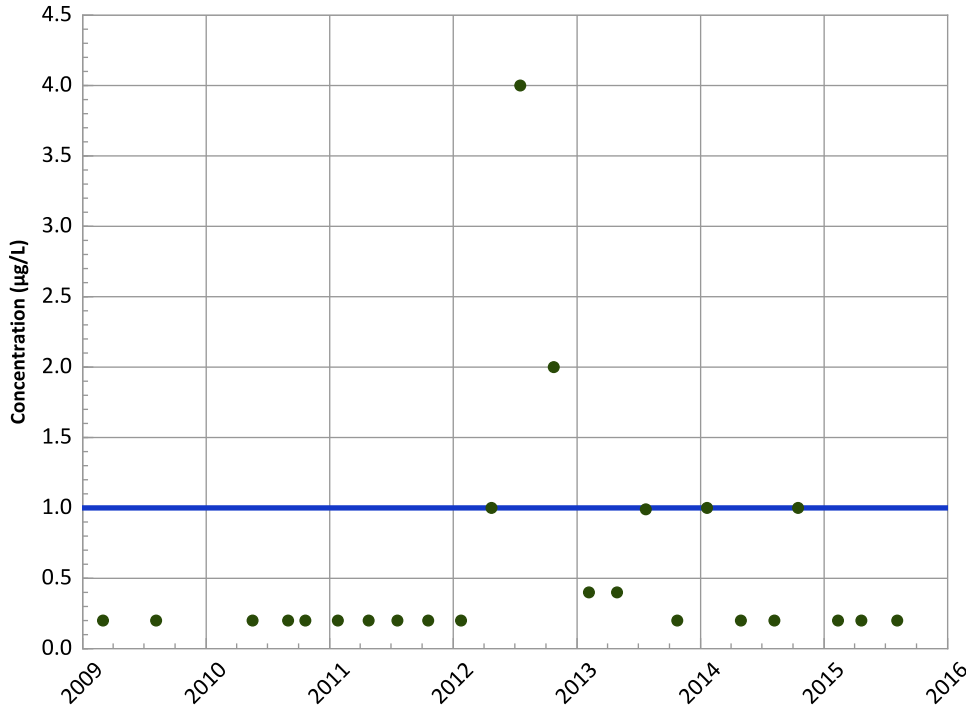
MAROS Mann-Kendall Method

Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

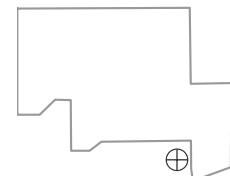
MAROS Linear Regression Method

Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

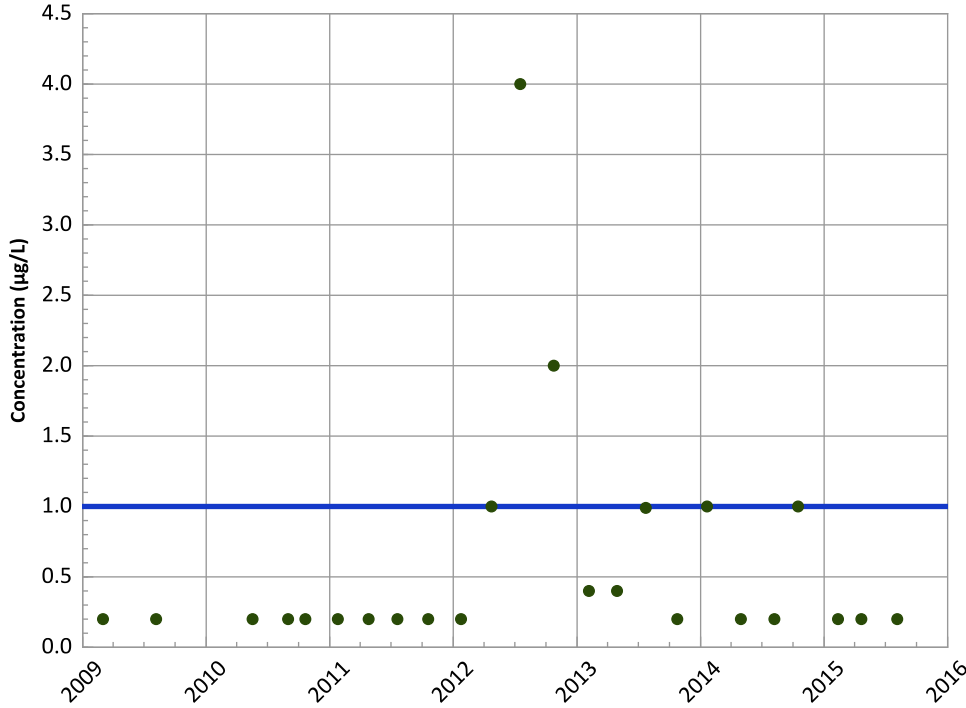
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

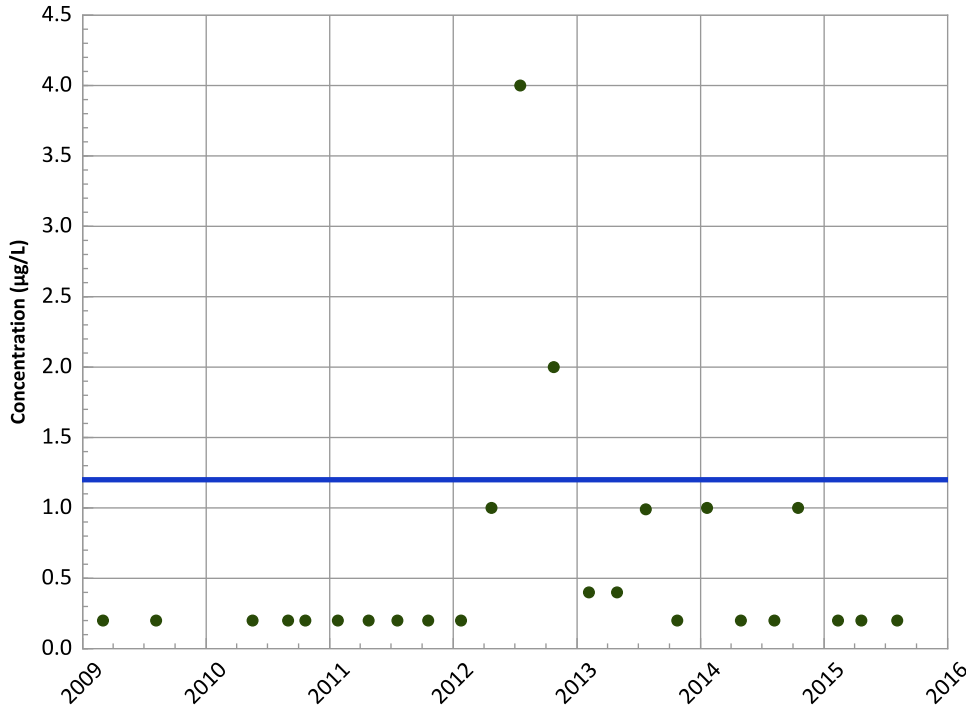


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

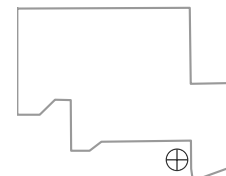
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

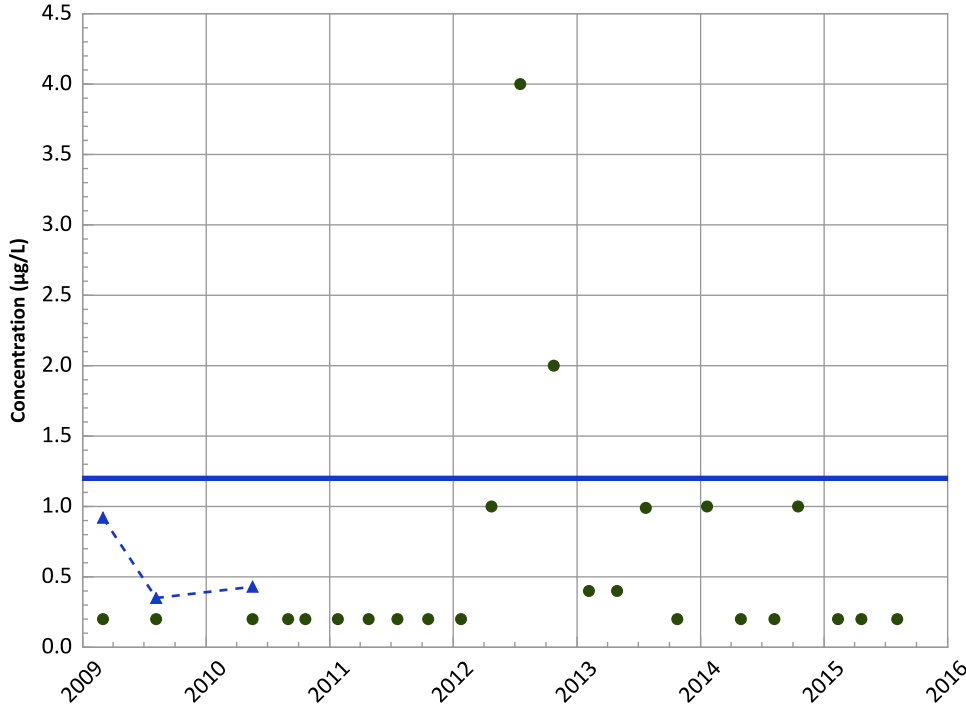
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

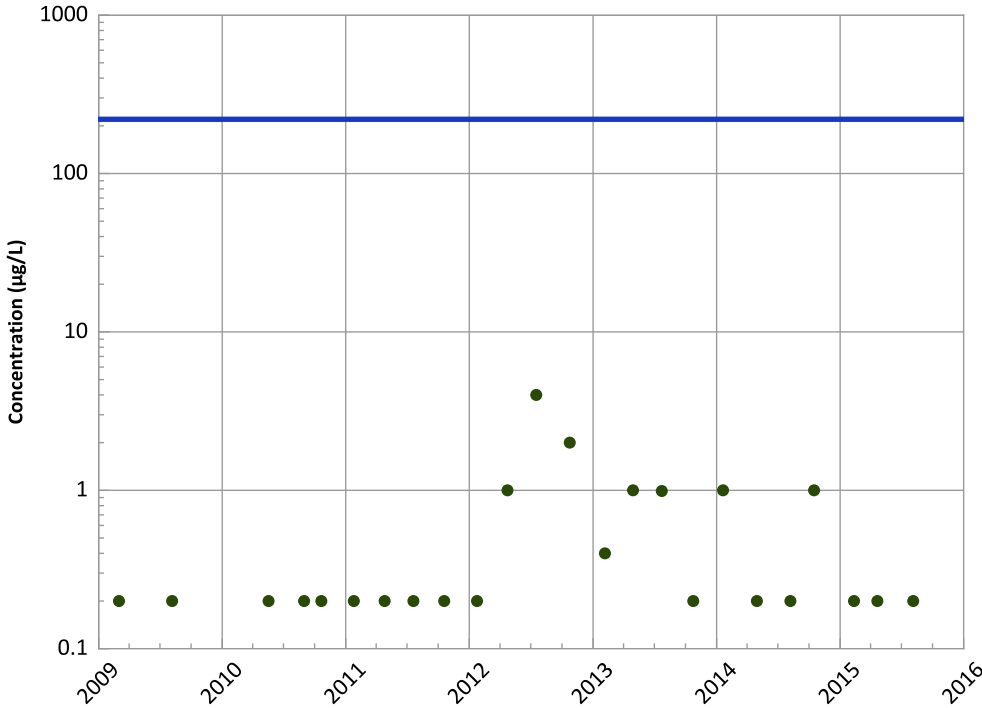


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

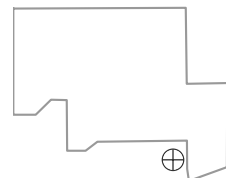
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

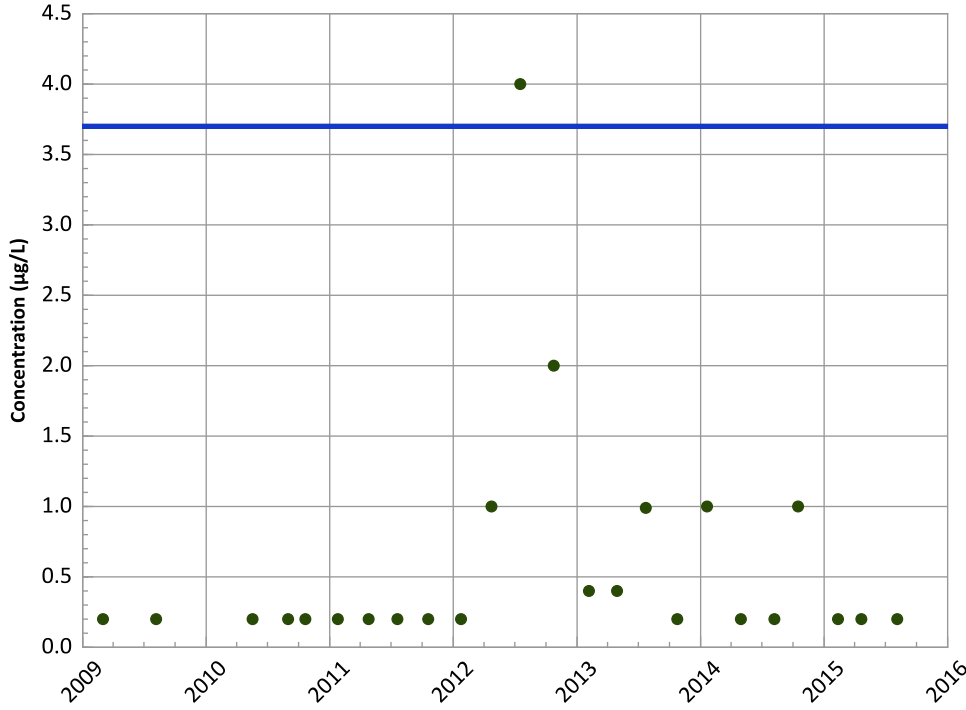
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

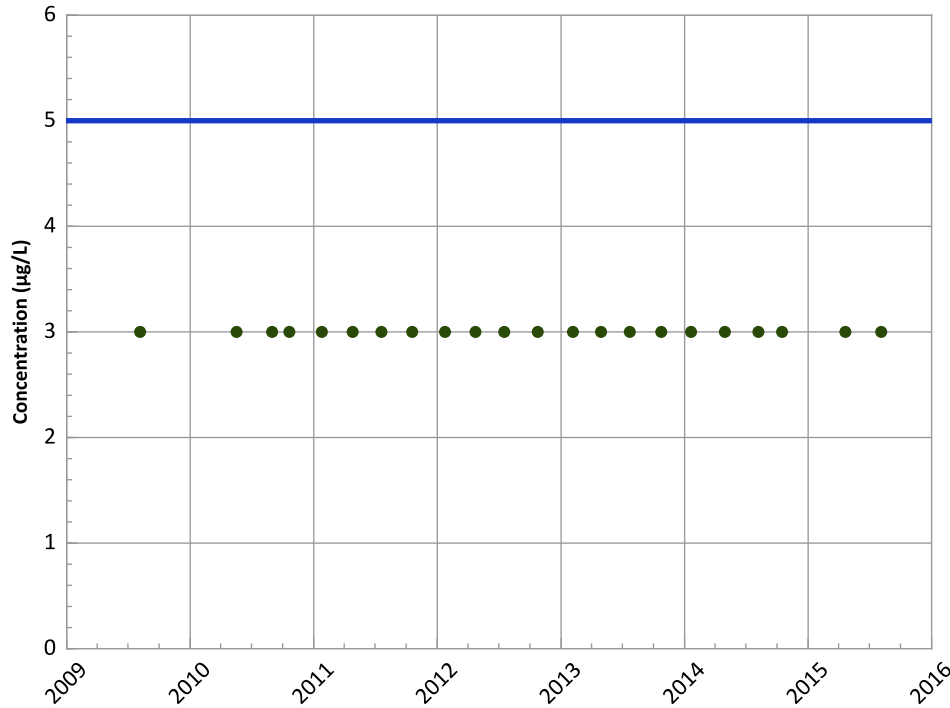


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend

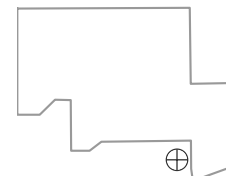


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

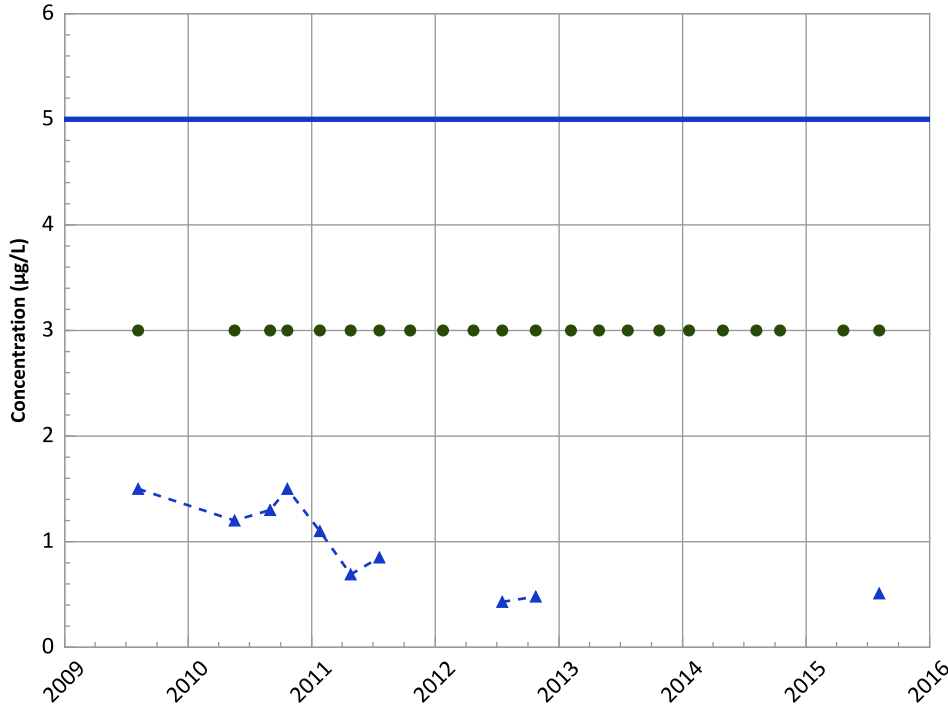


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Probably Decreasing

cis-1,2-Dichloroethene Trend

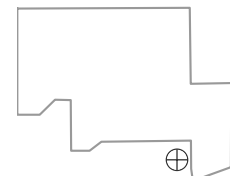


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Stable

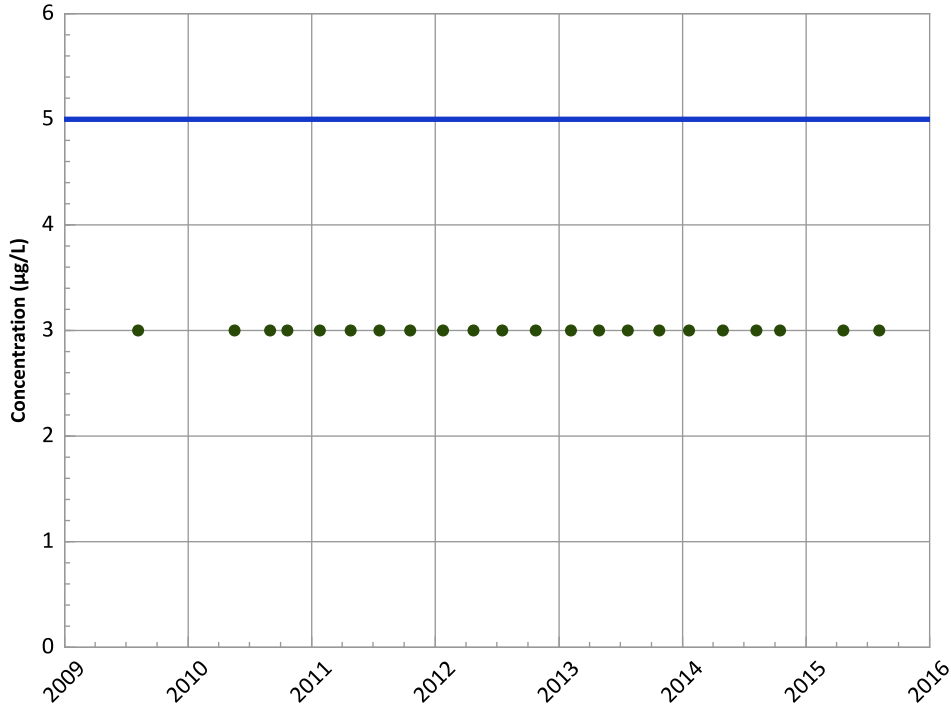
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

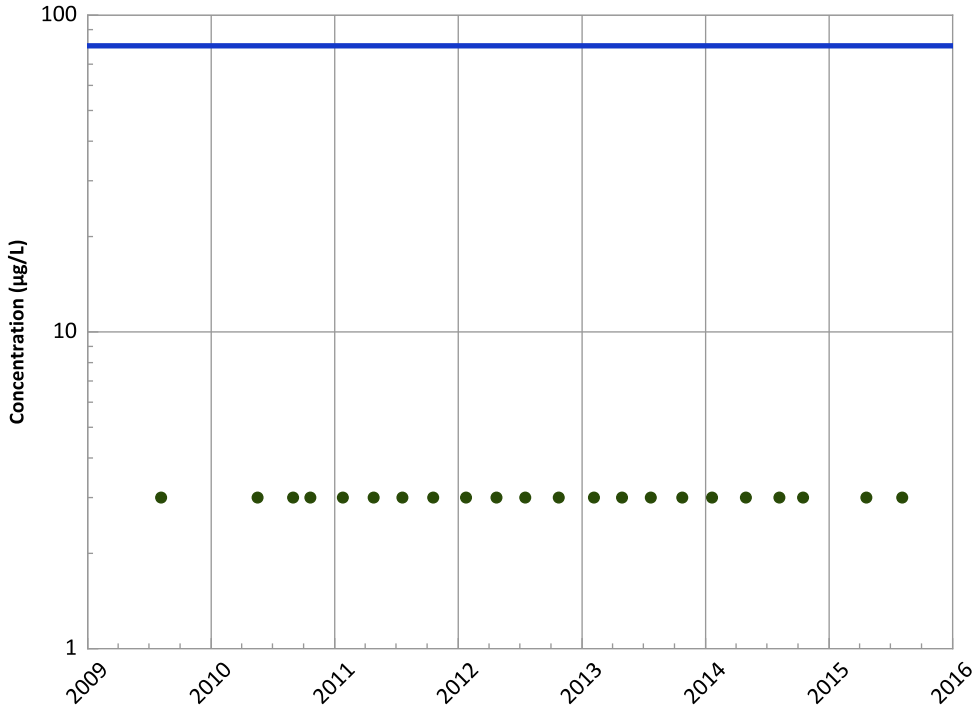


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

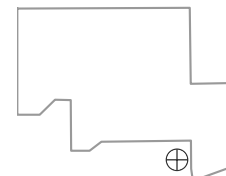
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

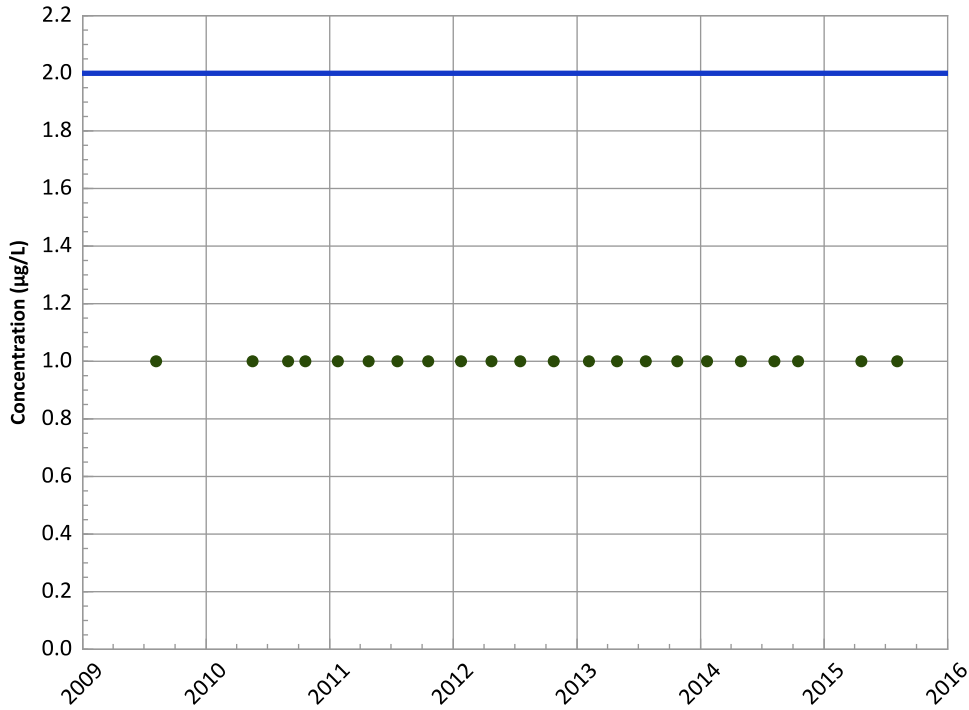
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

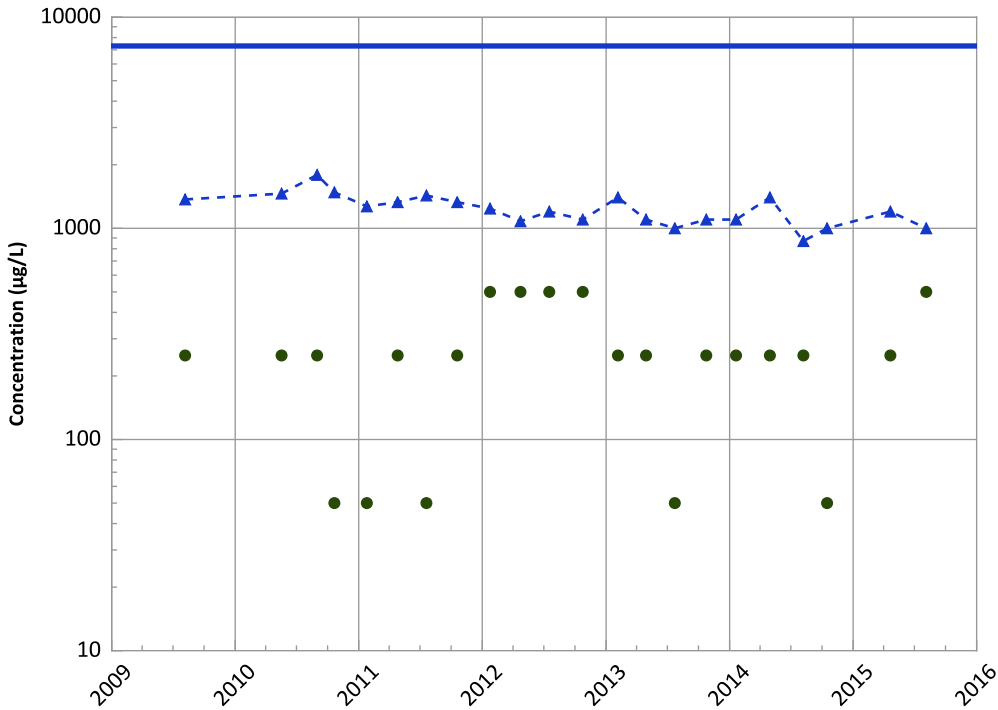


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Boron Trend

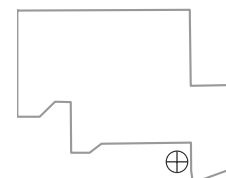


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Well Location

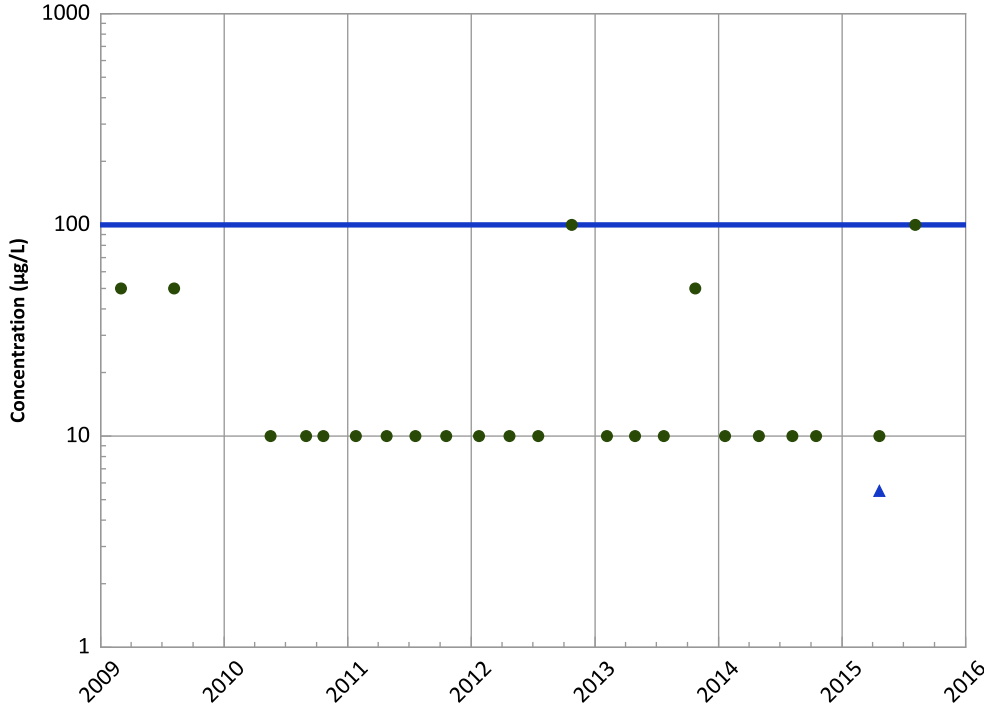


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant**

Chromium, Total Trend

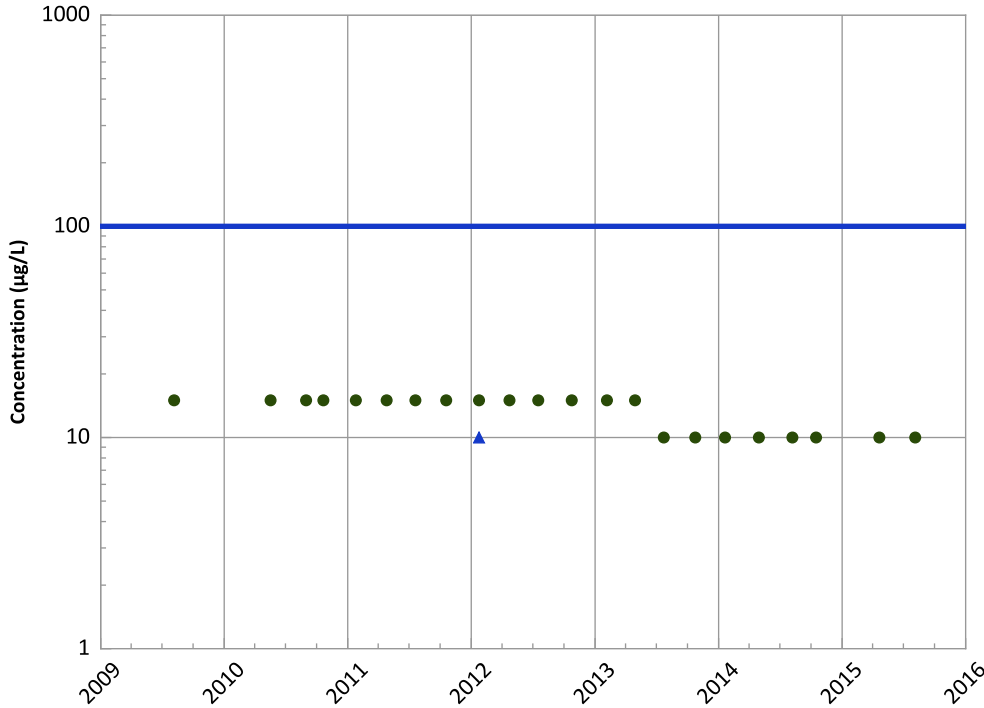


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend

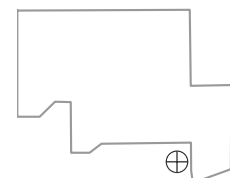


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

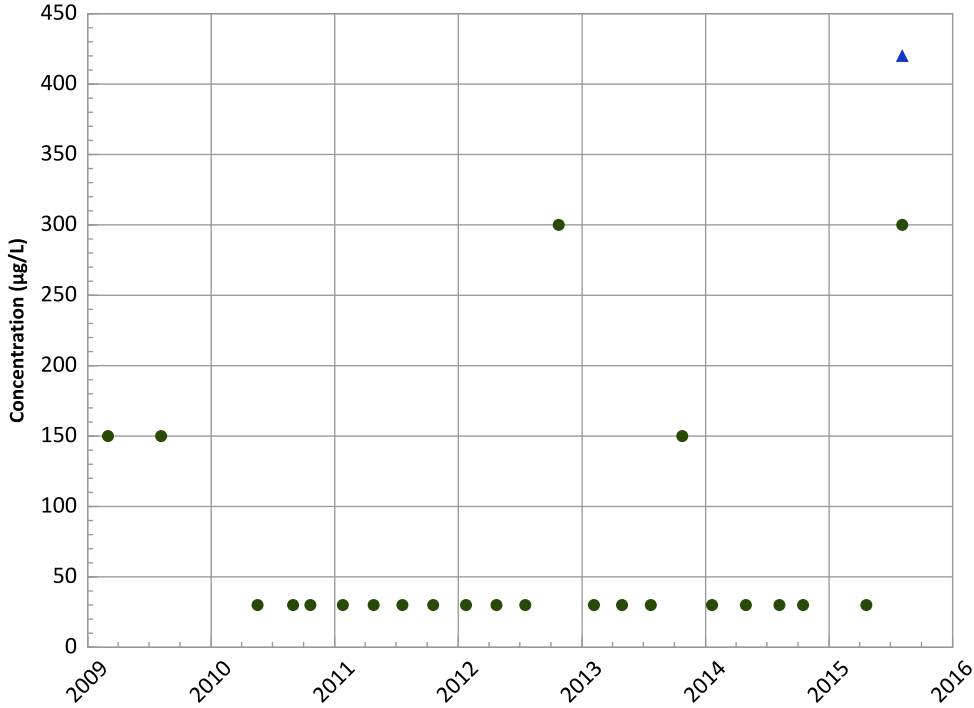


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

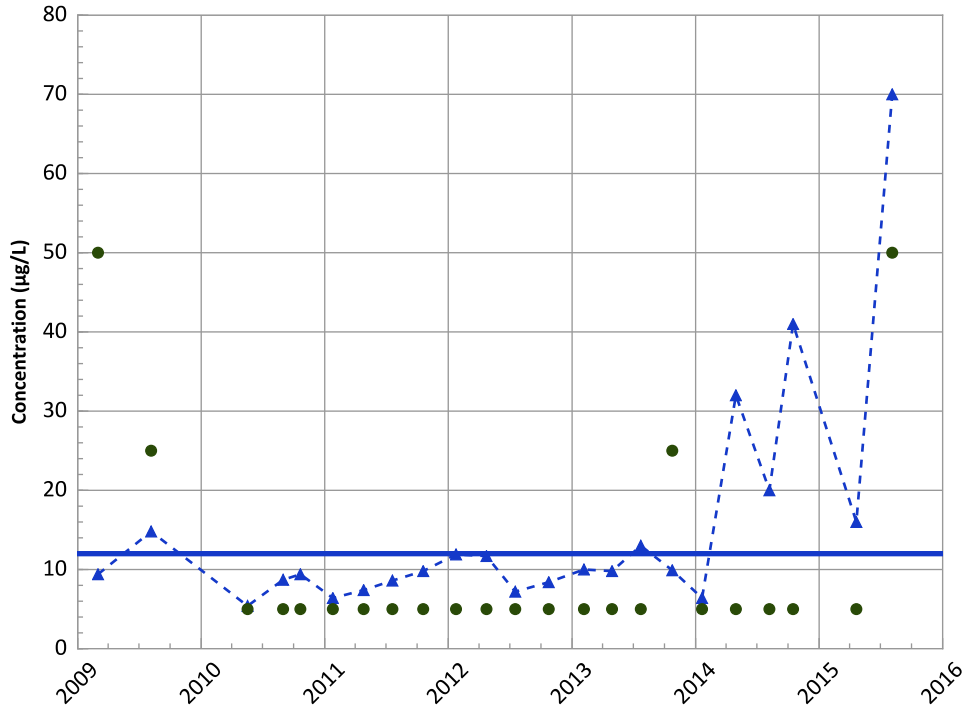


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend

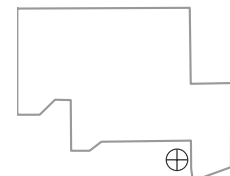


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Well Location

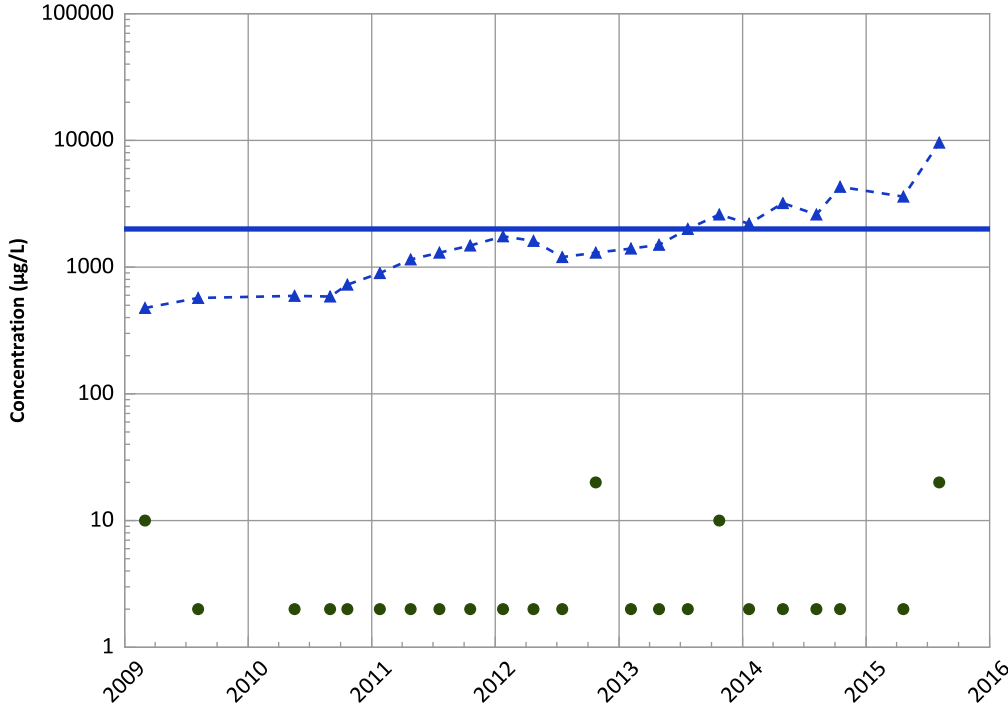


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

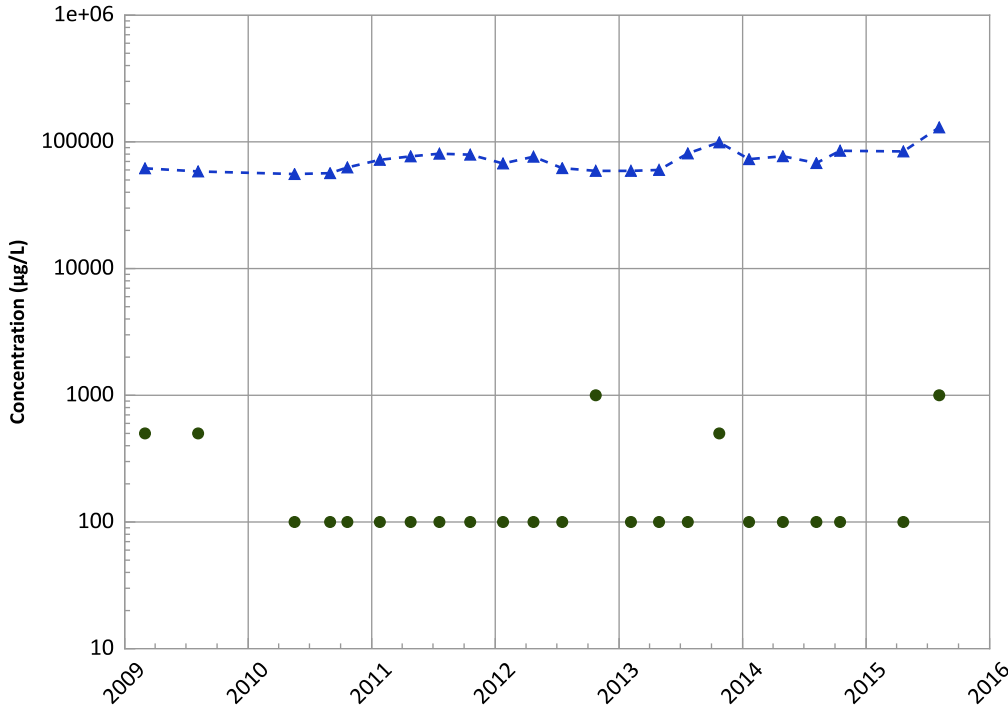


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Calcium Trend



Concentration Trend

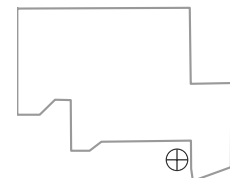
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

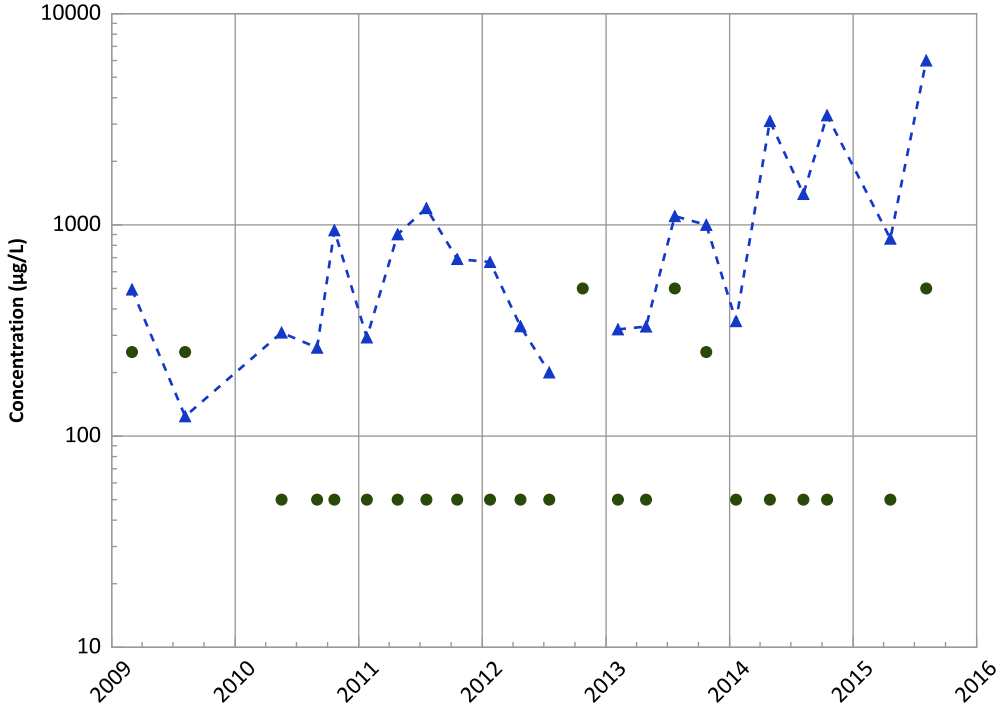
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

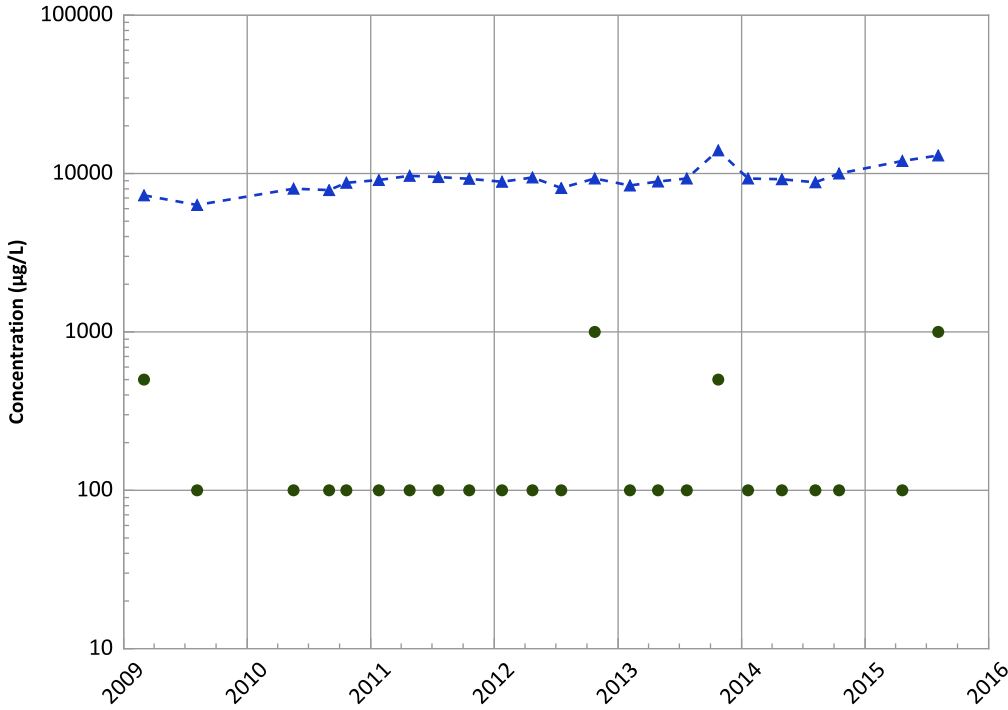
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

No Trend

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

MAROS Linear Regression Method

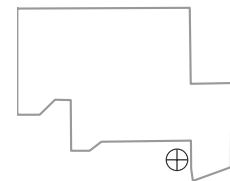
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

Well Location

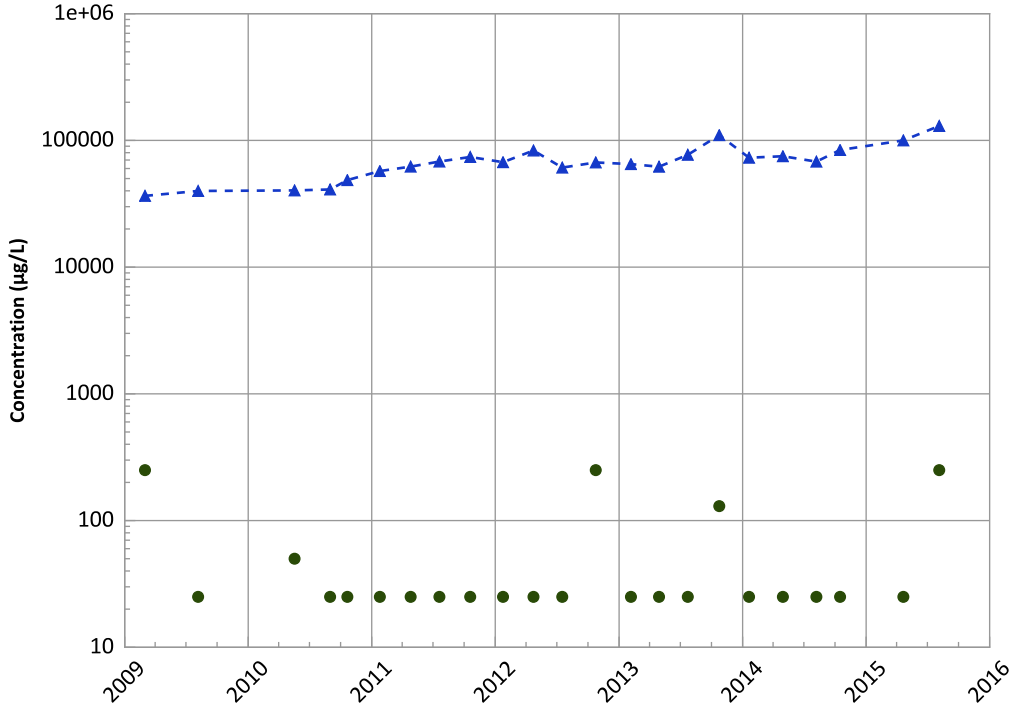


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

MAROS Linear Regression Method

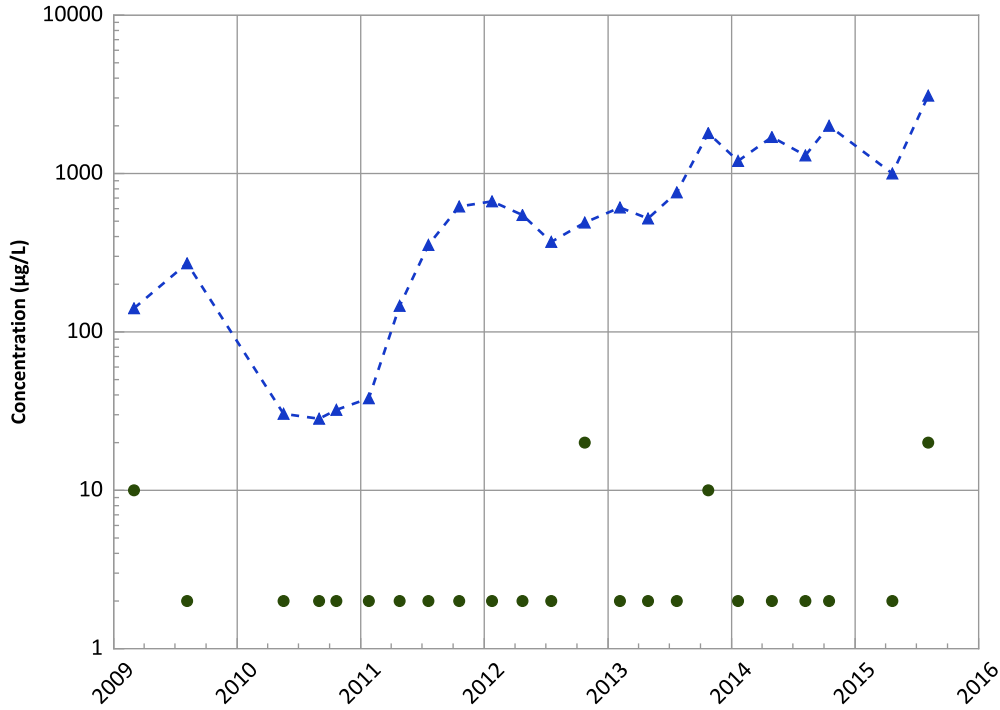
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

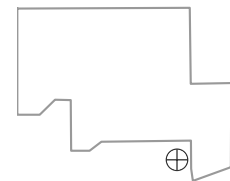
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

No Trend

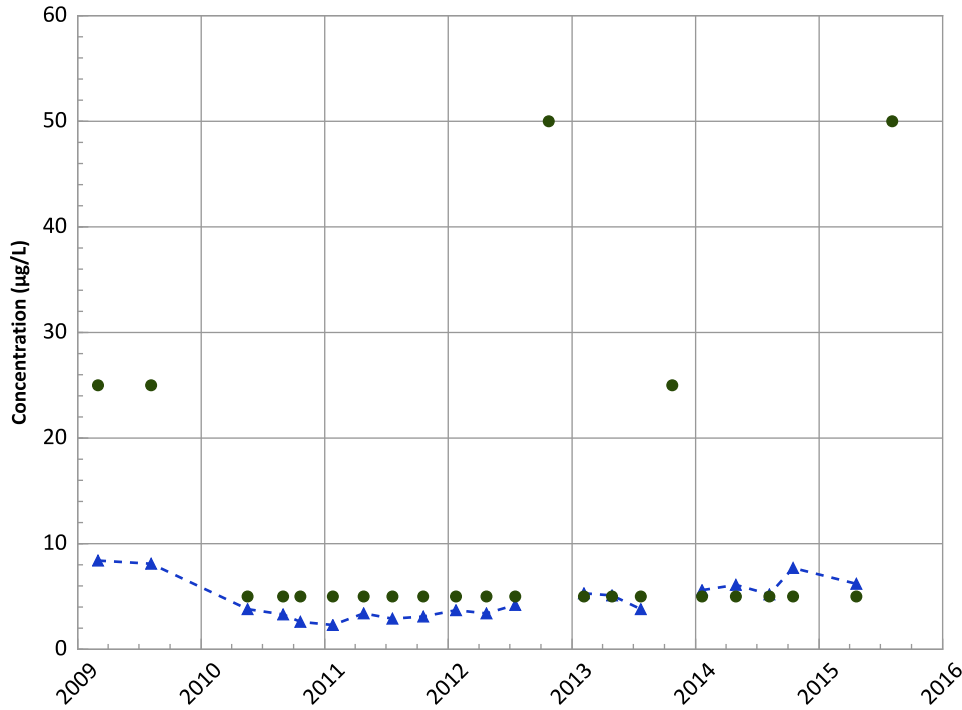
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

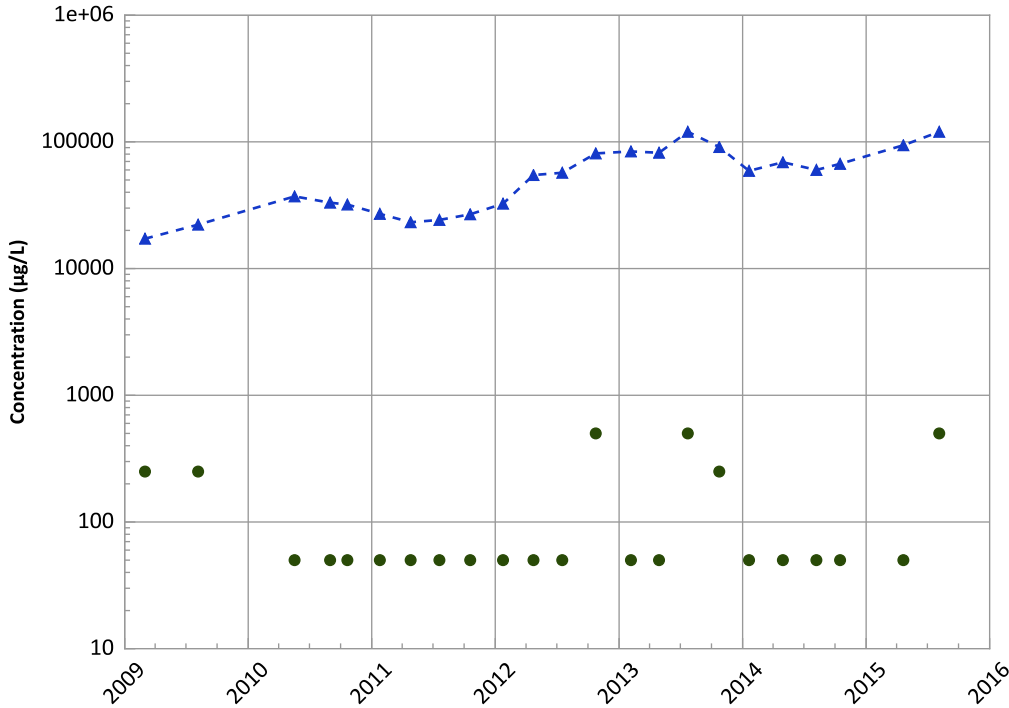


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Sodium Trend



Concentration Trend

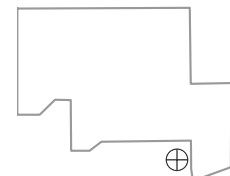
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

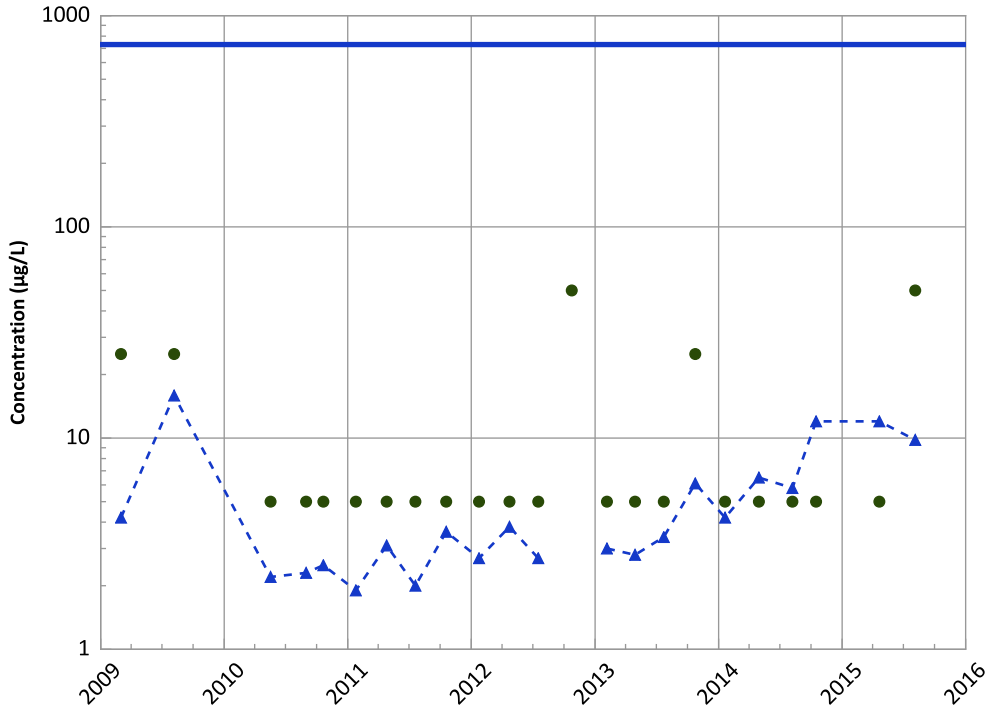
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

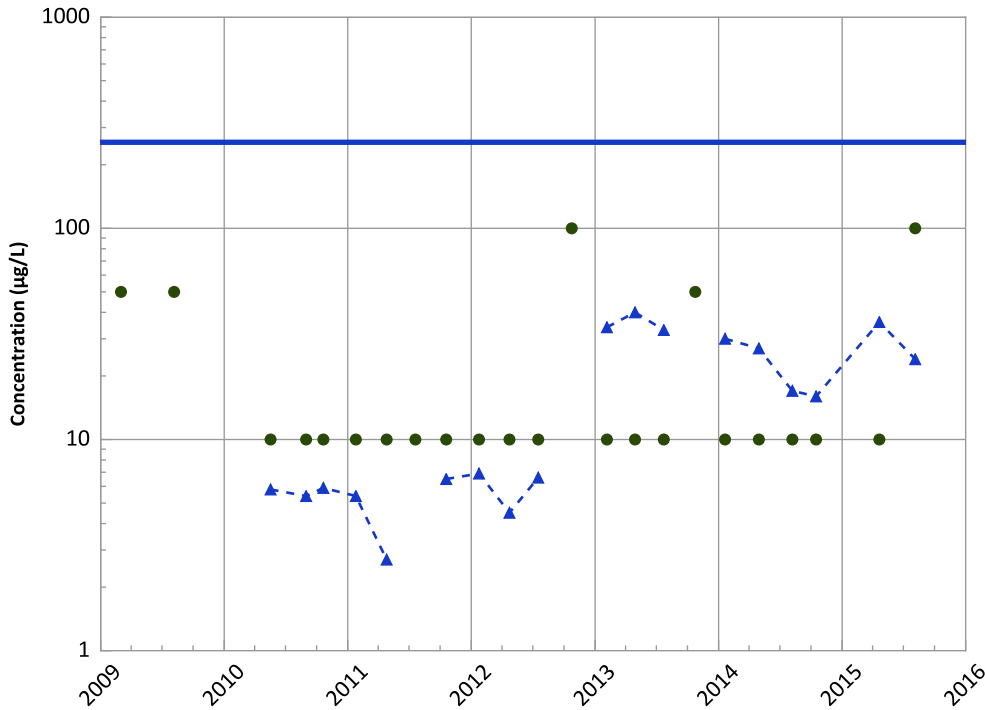


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Vanadium Trend

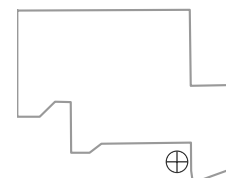


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

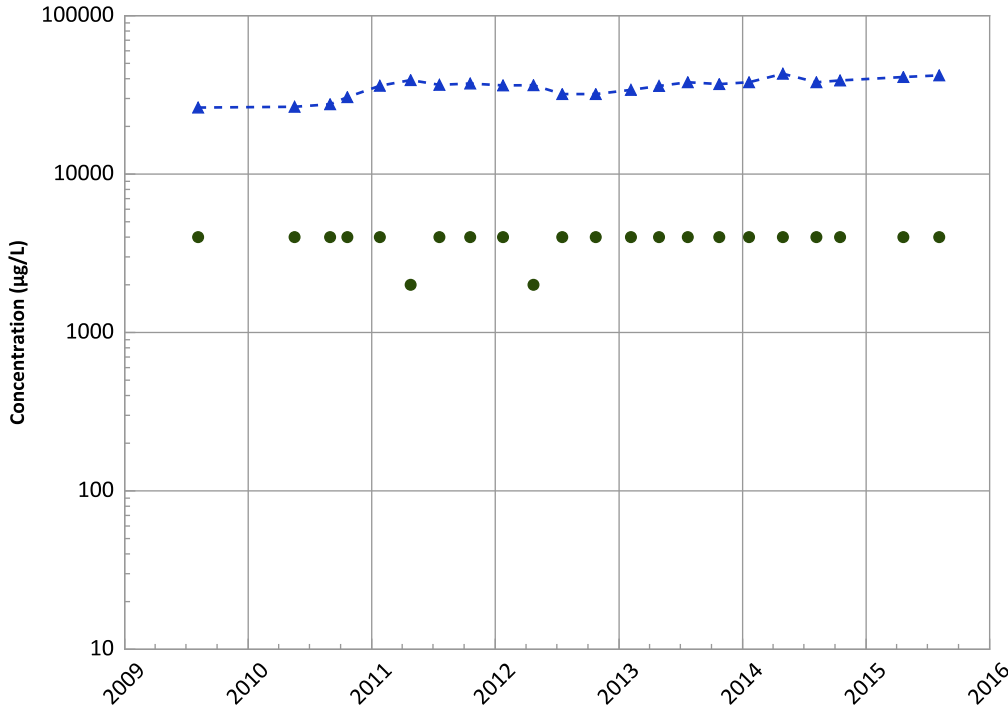
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloride (as Cl) Trend**

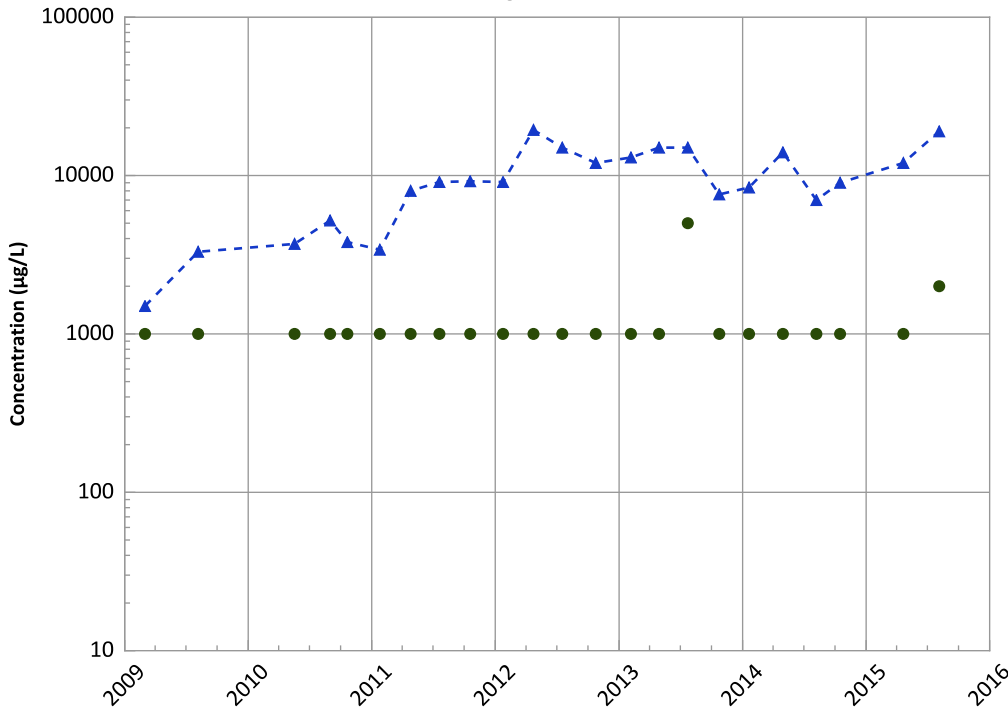


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

Total Organic Carbon Trend

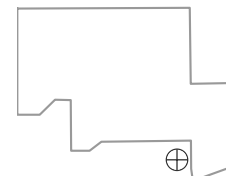


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

Well Location

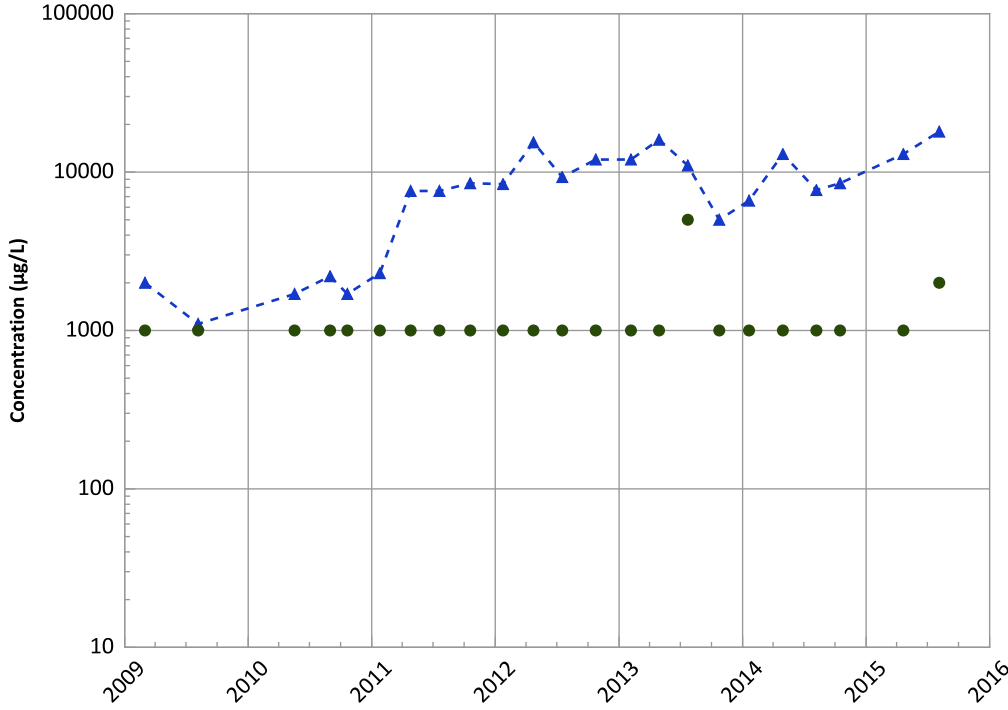


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

MAROS Linear Regression Method

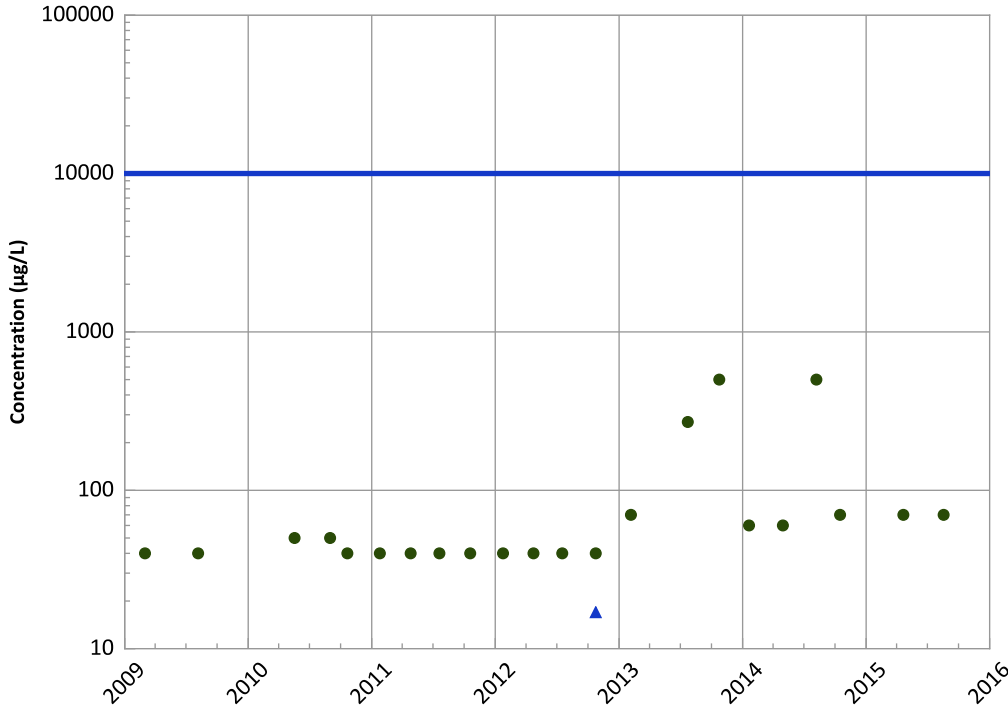
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

Nitrate as N Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

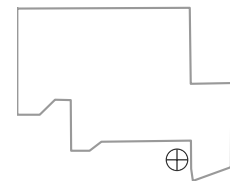
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

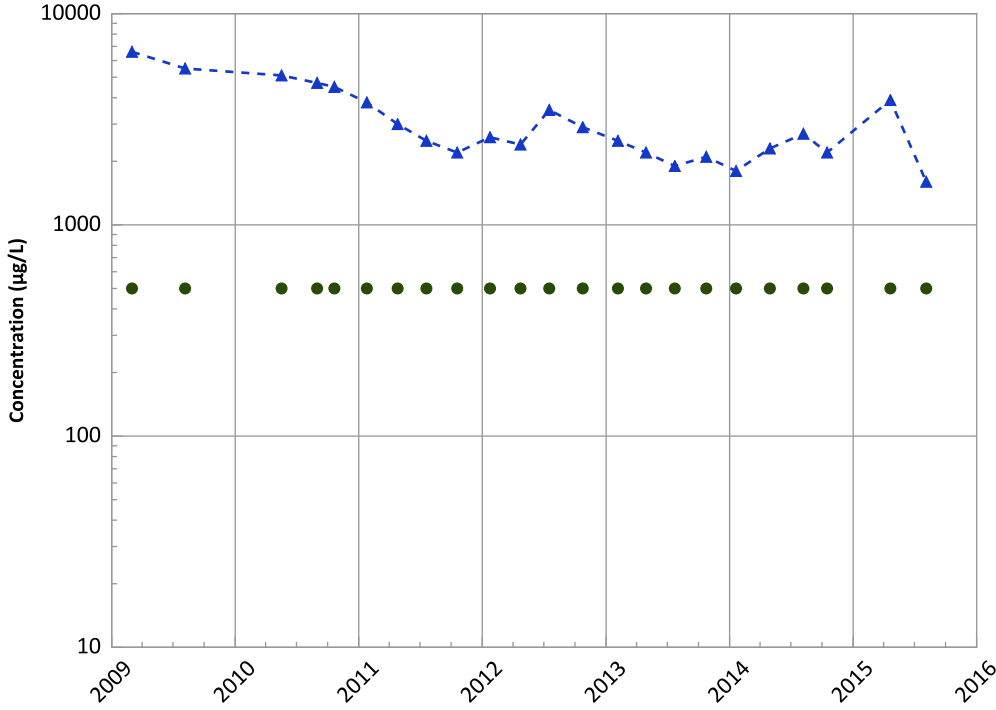


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

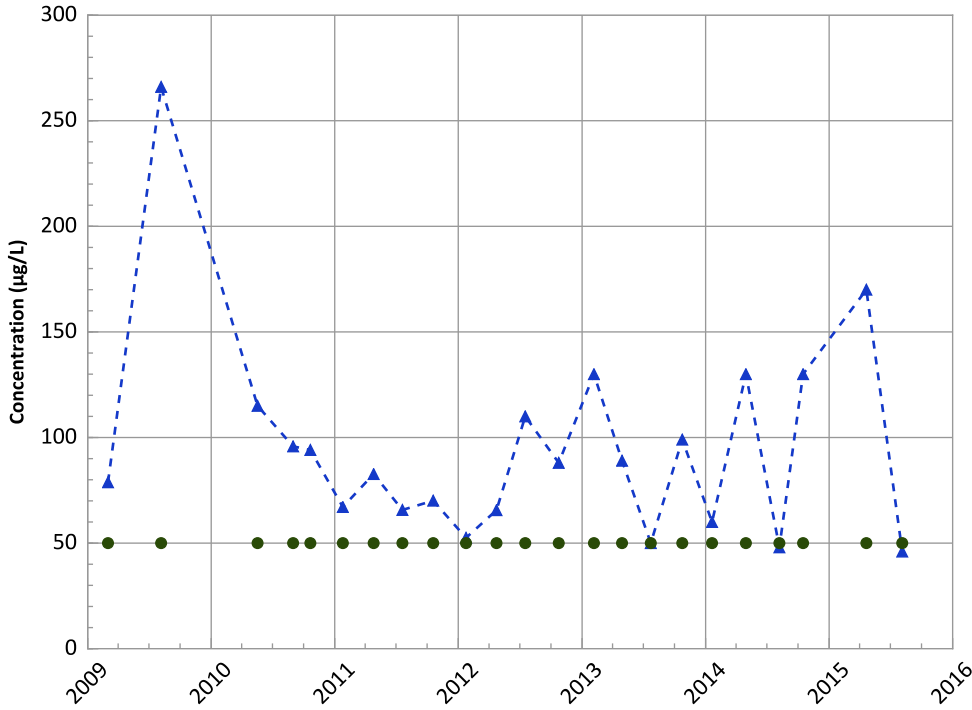
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Stable

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Stable

MAROS Linear Regression Method

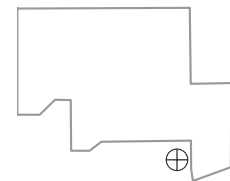
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

No Trend

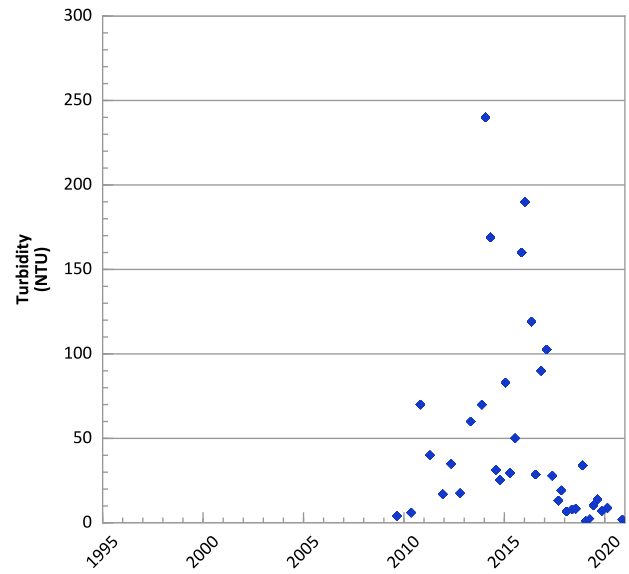
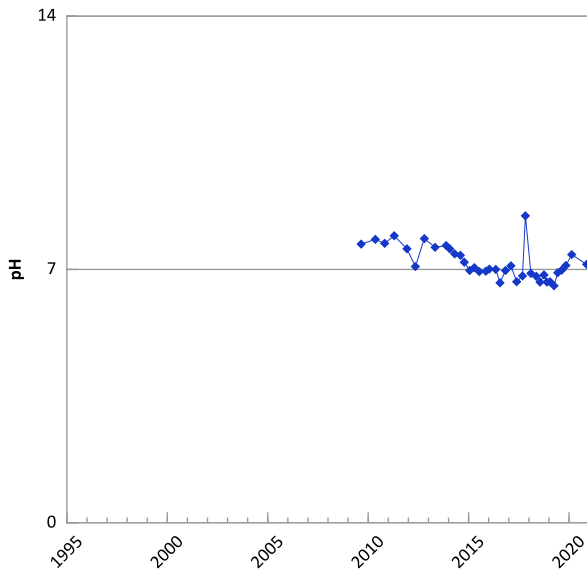
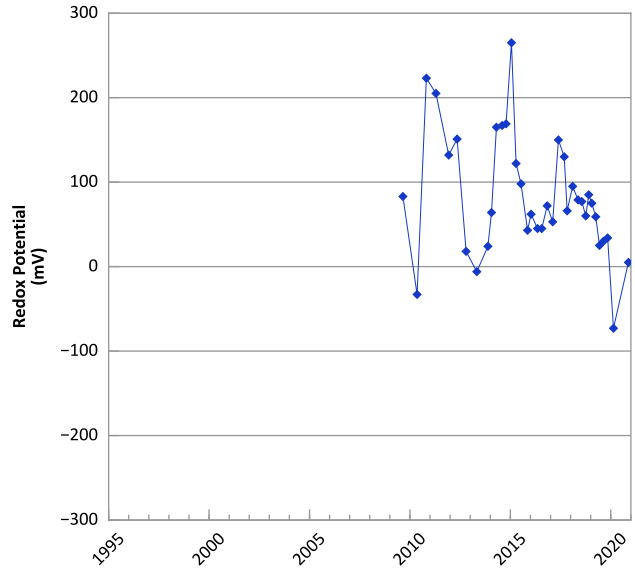
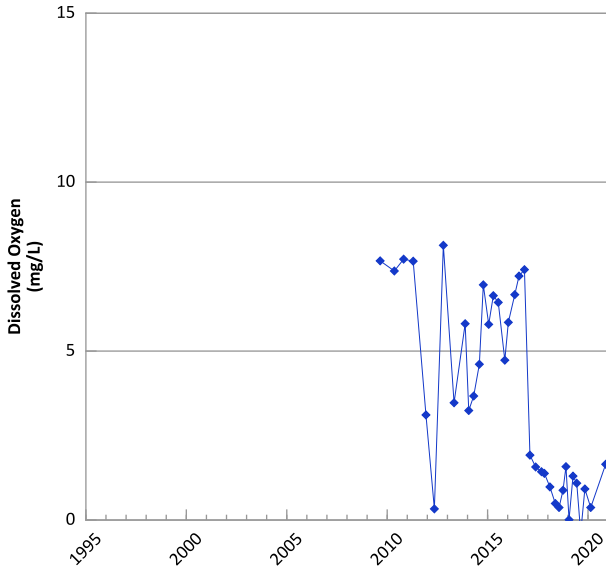
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

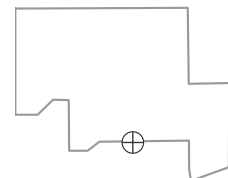
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



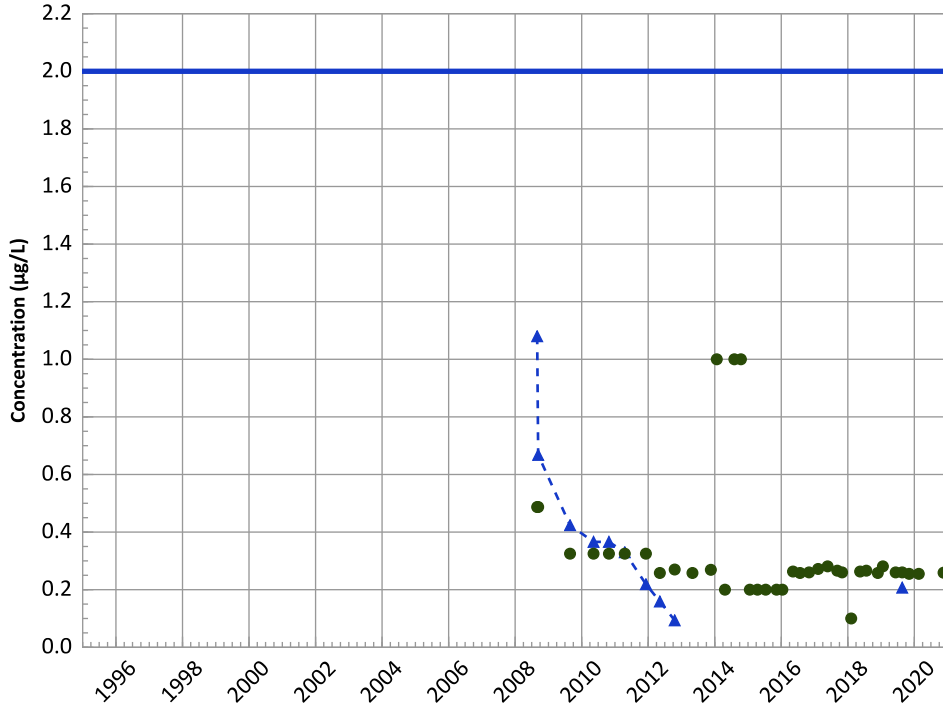
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

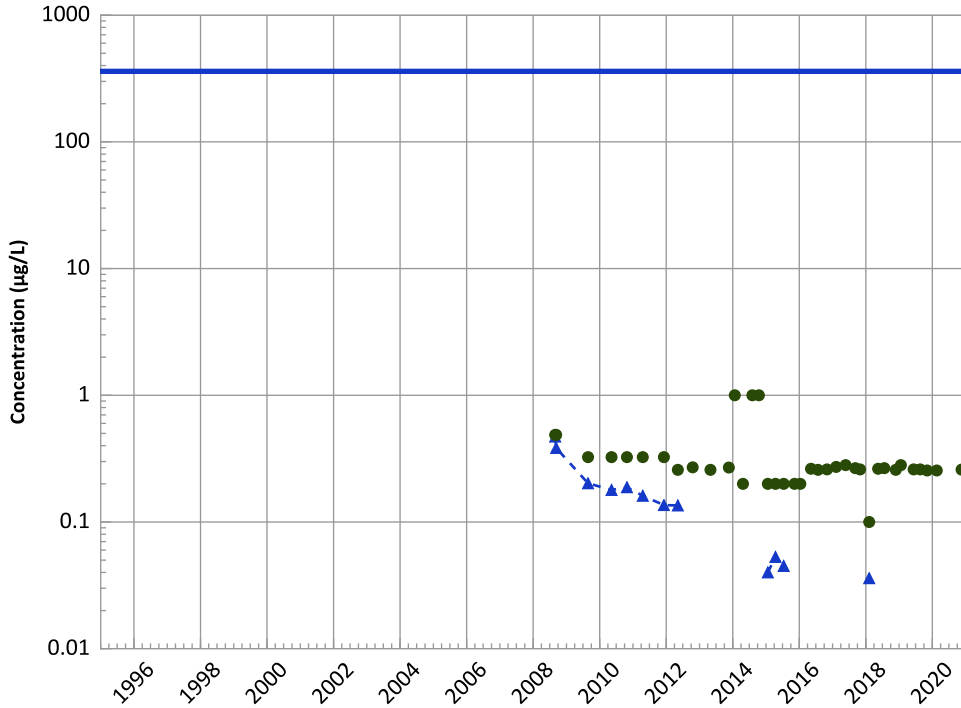


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

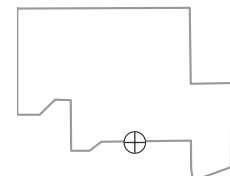


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Well Location

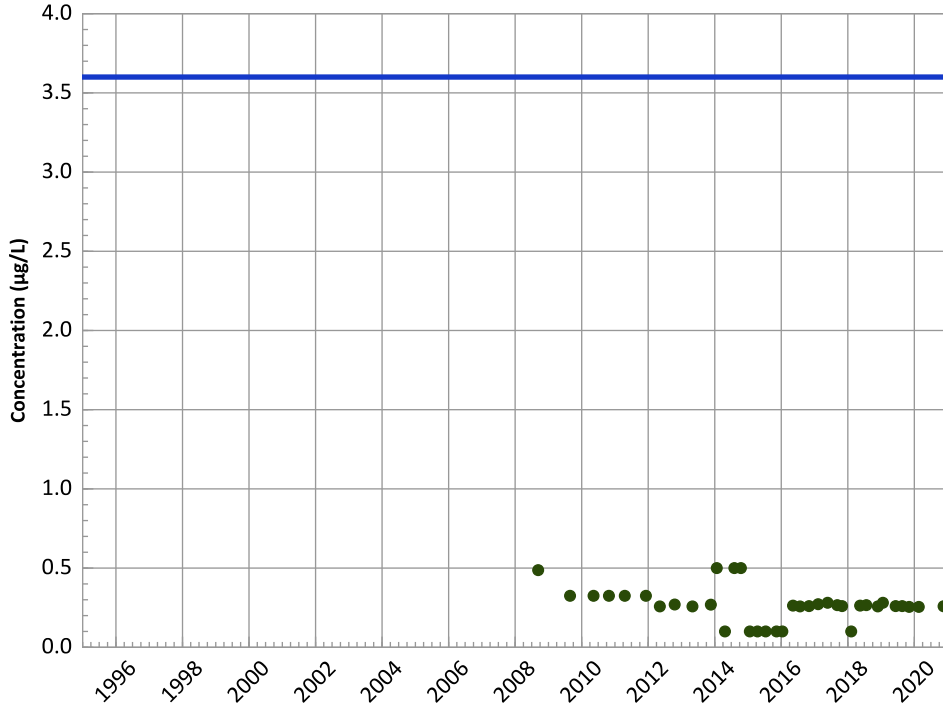


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

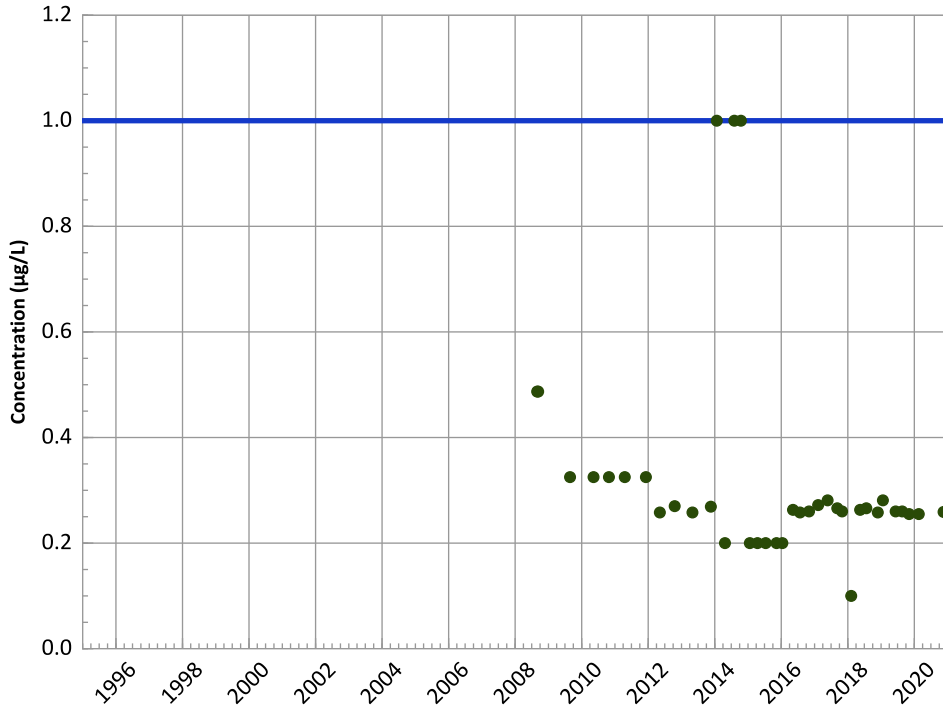
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

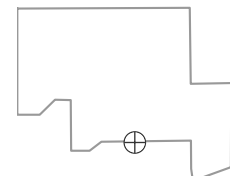
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

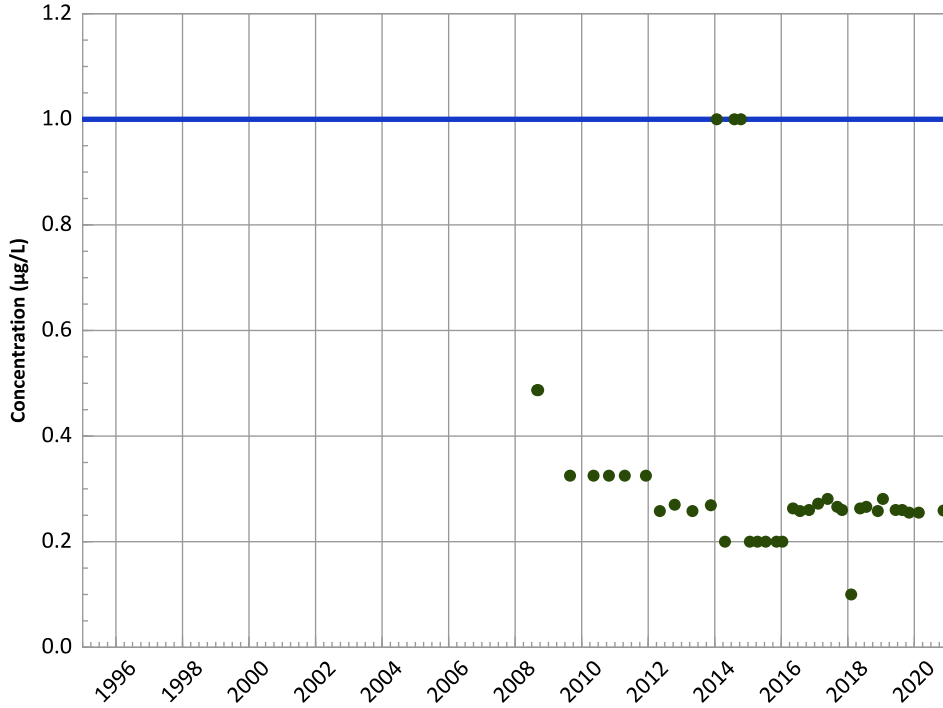


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

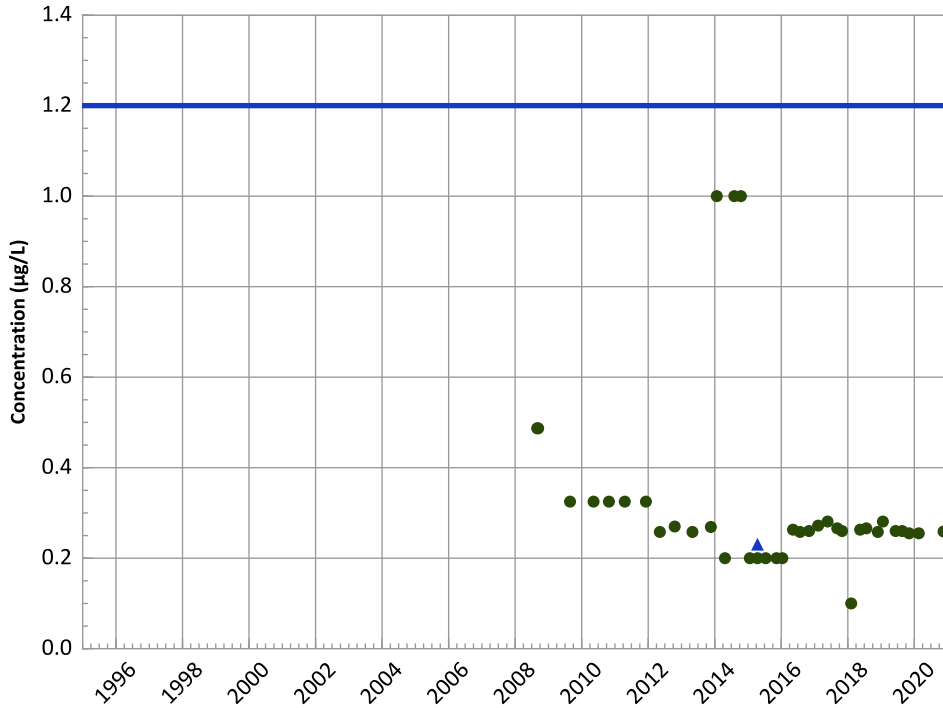
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

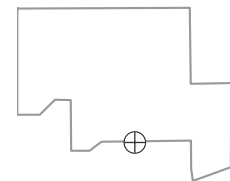
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

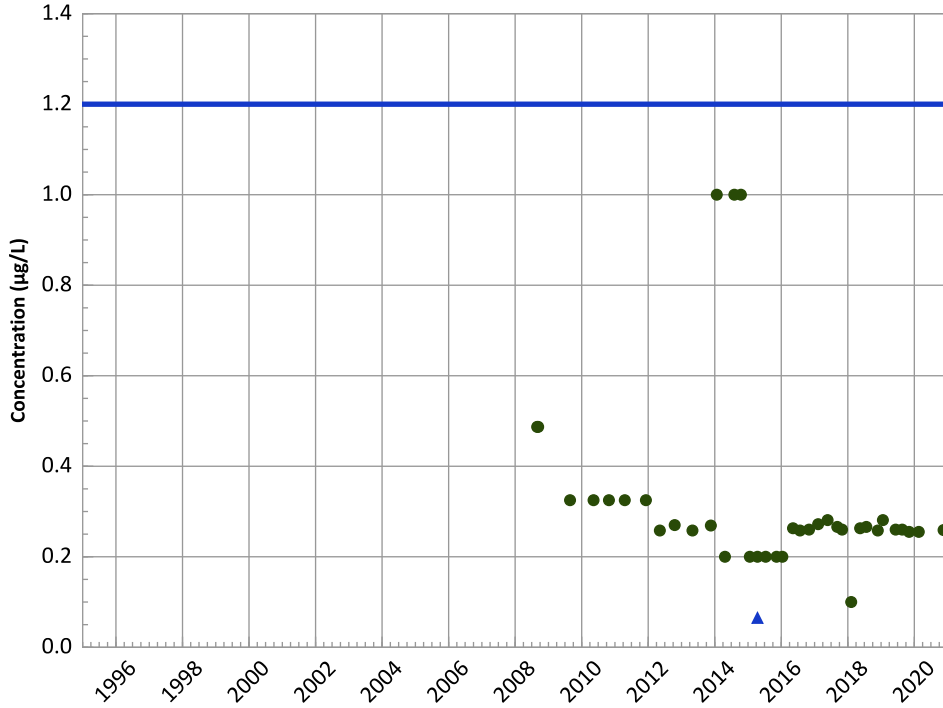


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

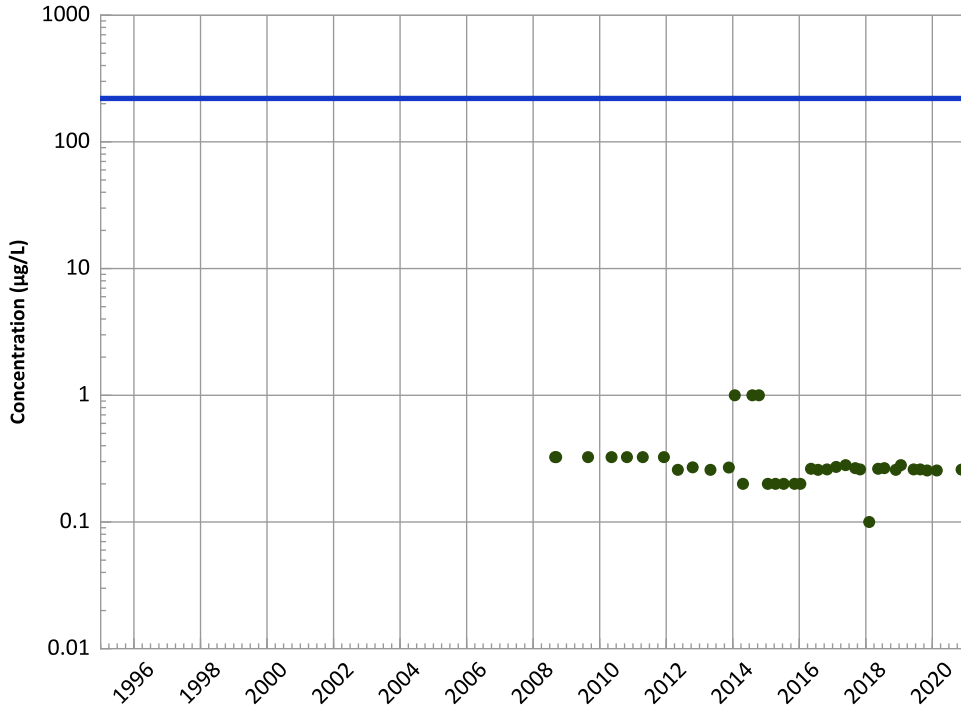
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

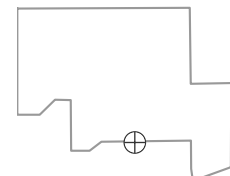
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

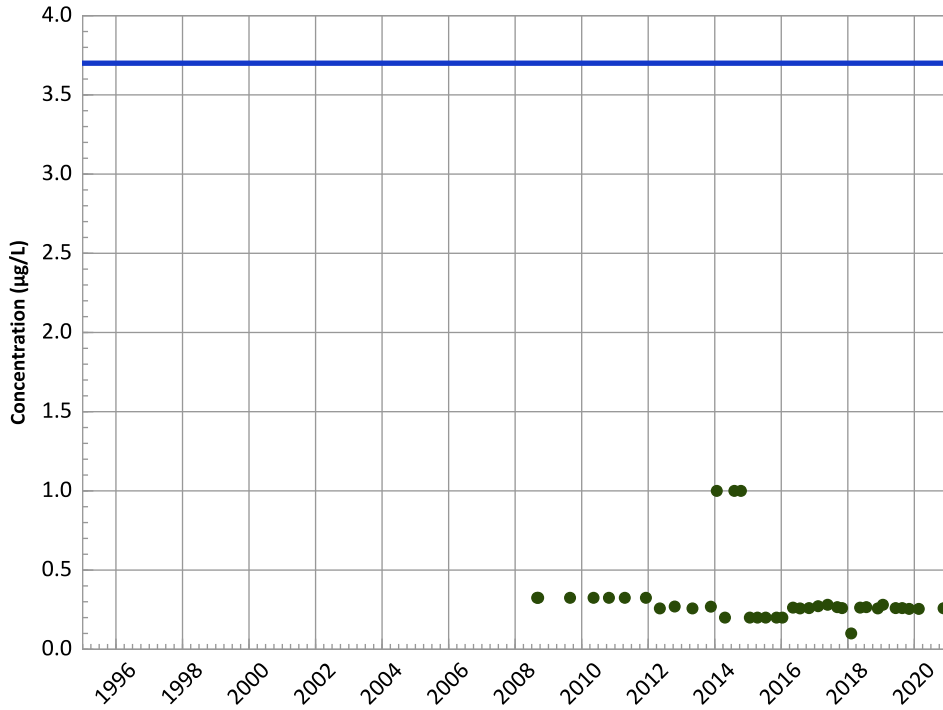


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

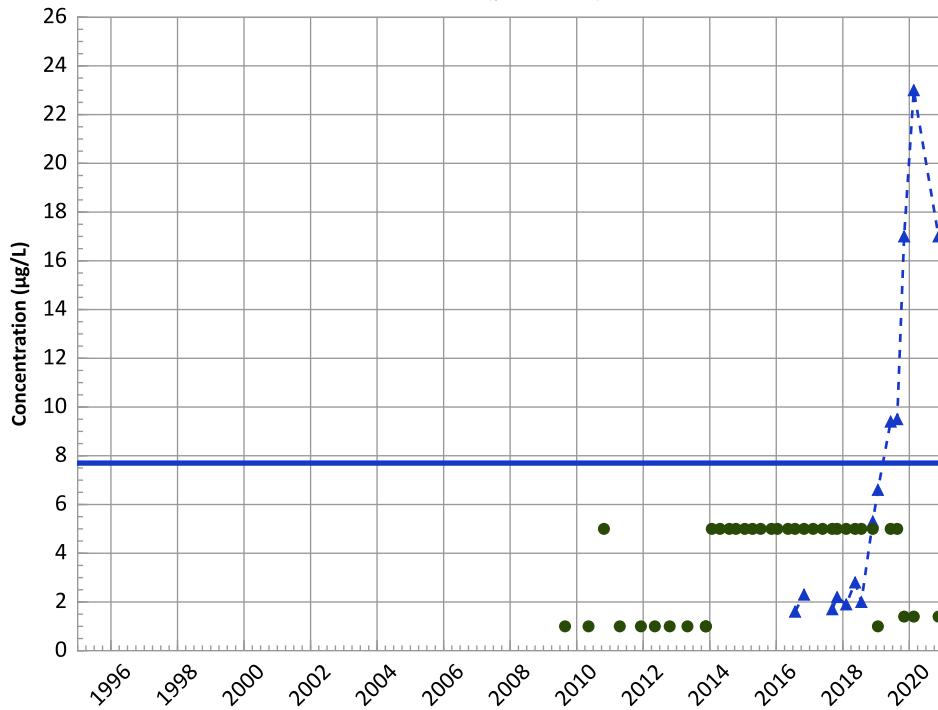
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

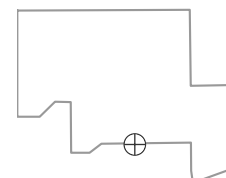
All Data:

Increasing

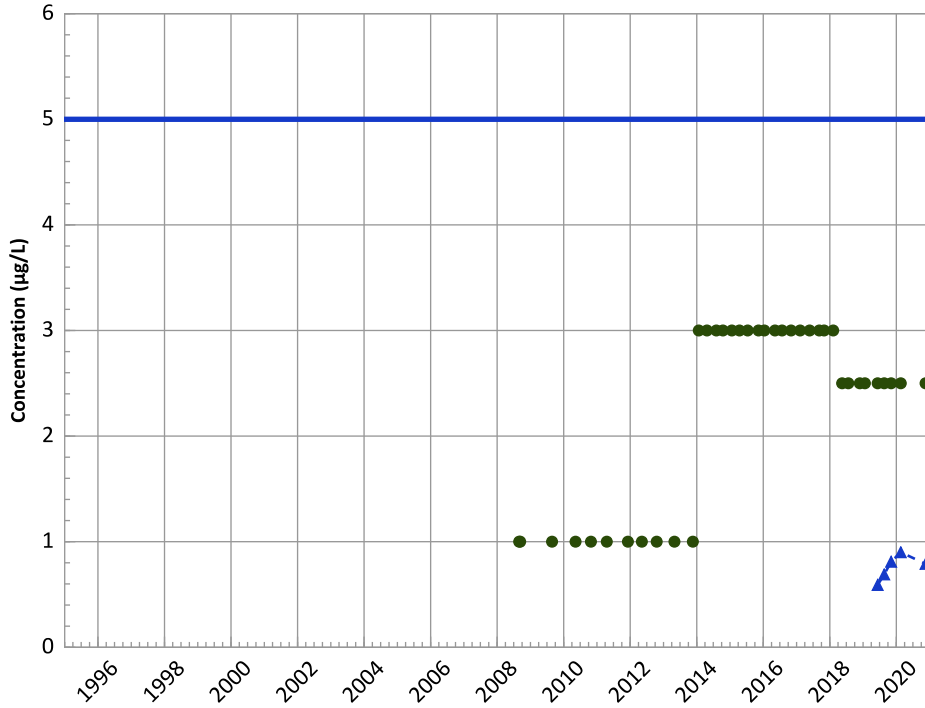
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

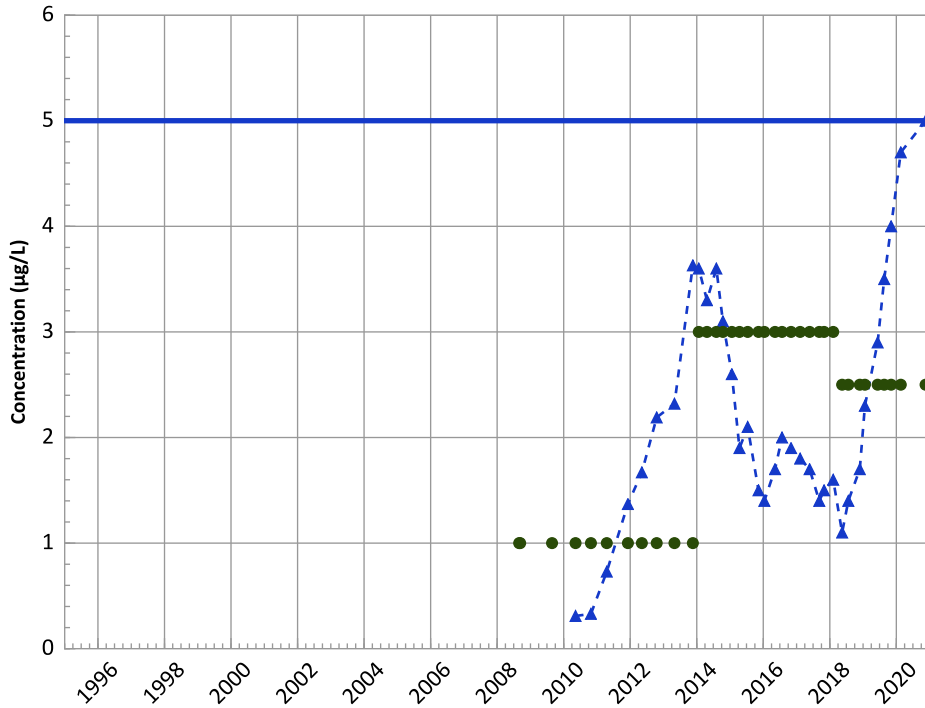
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
No Trend

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing
All Data:
Increasing

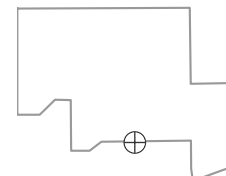
MAROS Linear Regression Method

2018 - 2020 Data:
Increasing
All Data:
Increasing

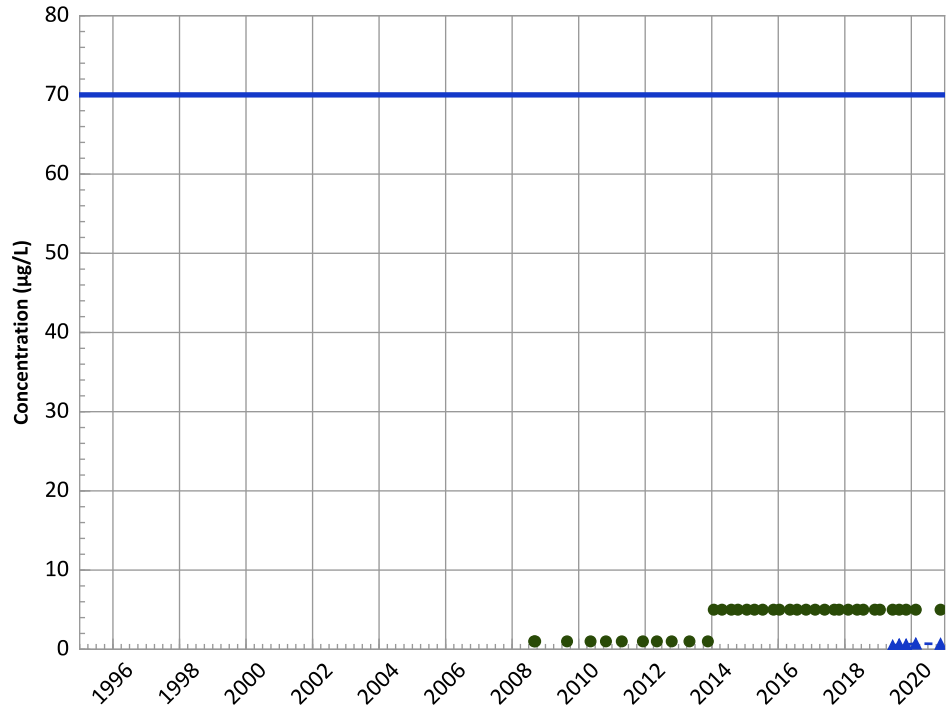
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

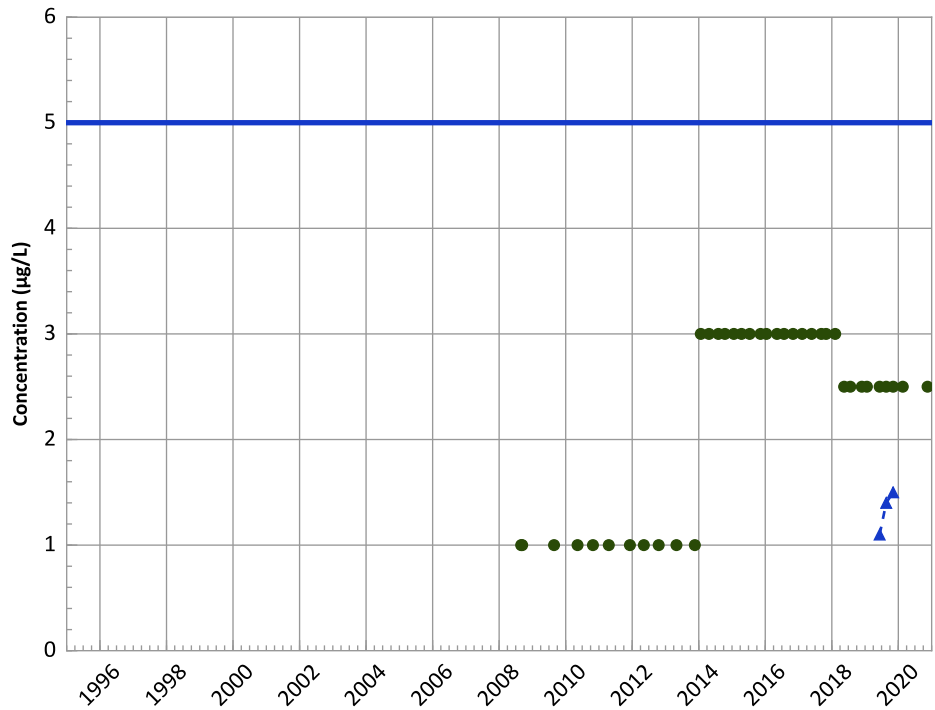
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

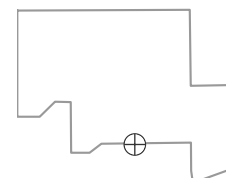
2018 - 2020 Data:

Increasing

All Data:

Increasing

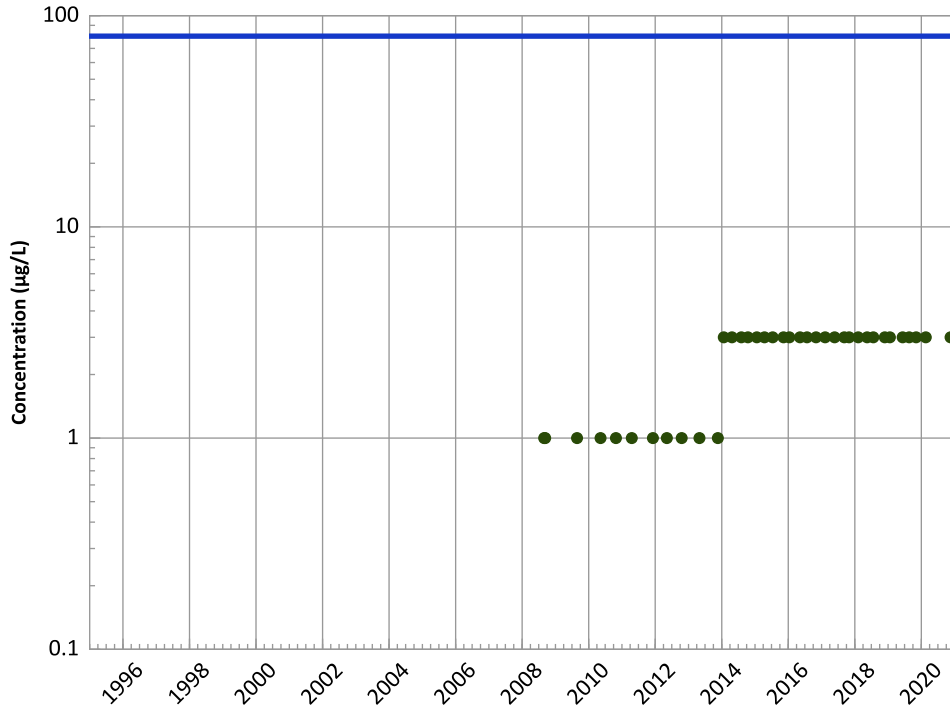
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

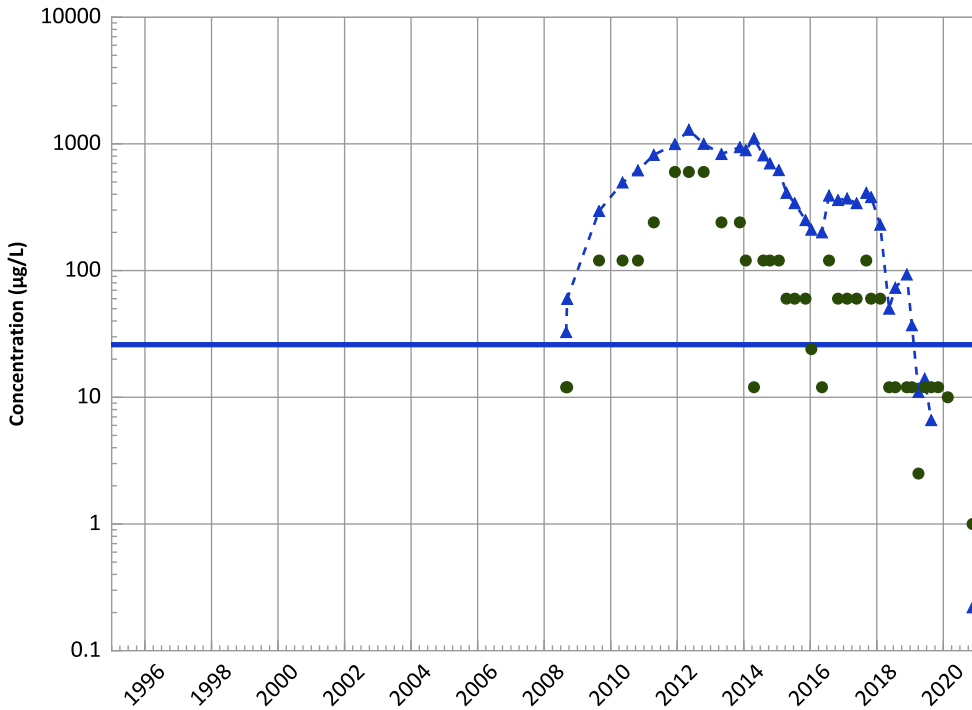


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

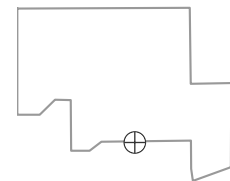


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

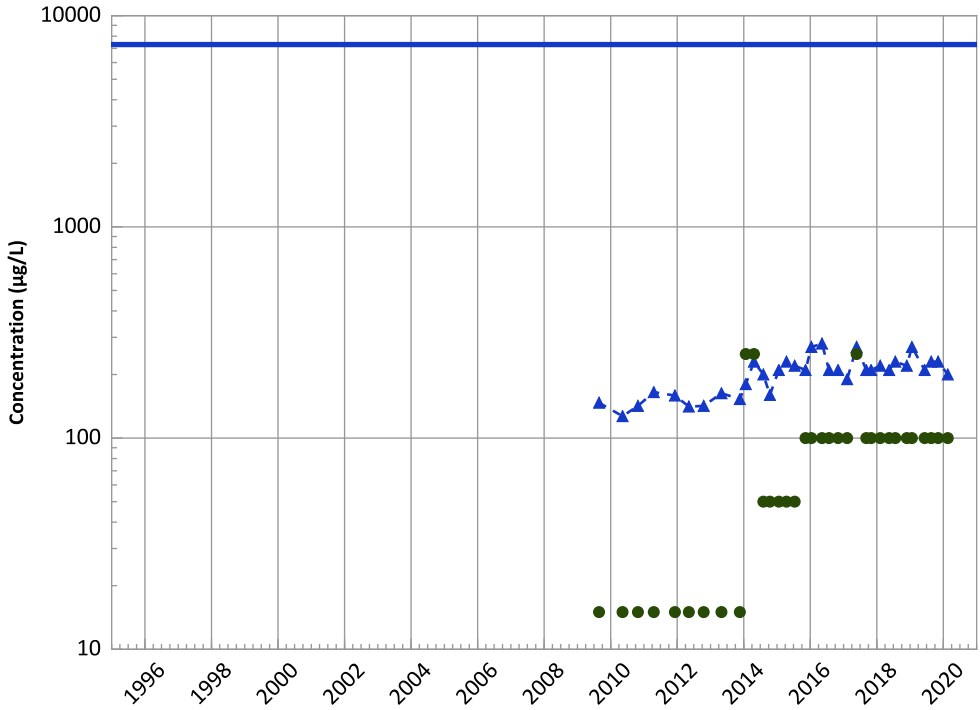
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

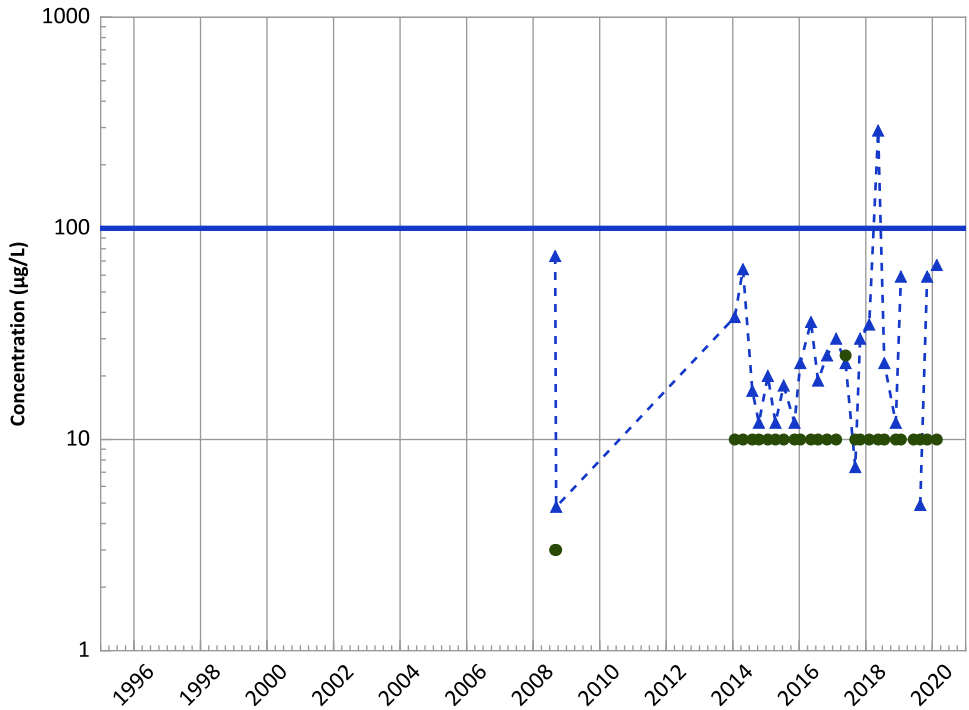
2018 - 2020 Data:

Stable

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

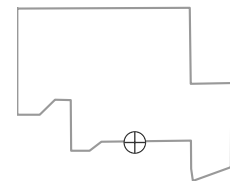
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

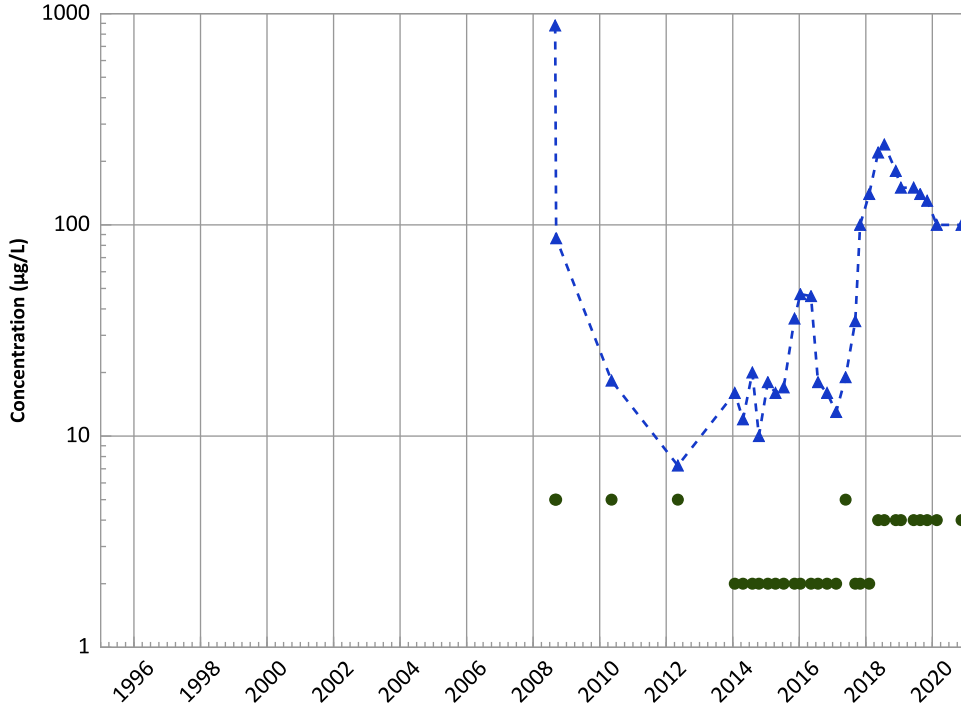


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

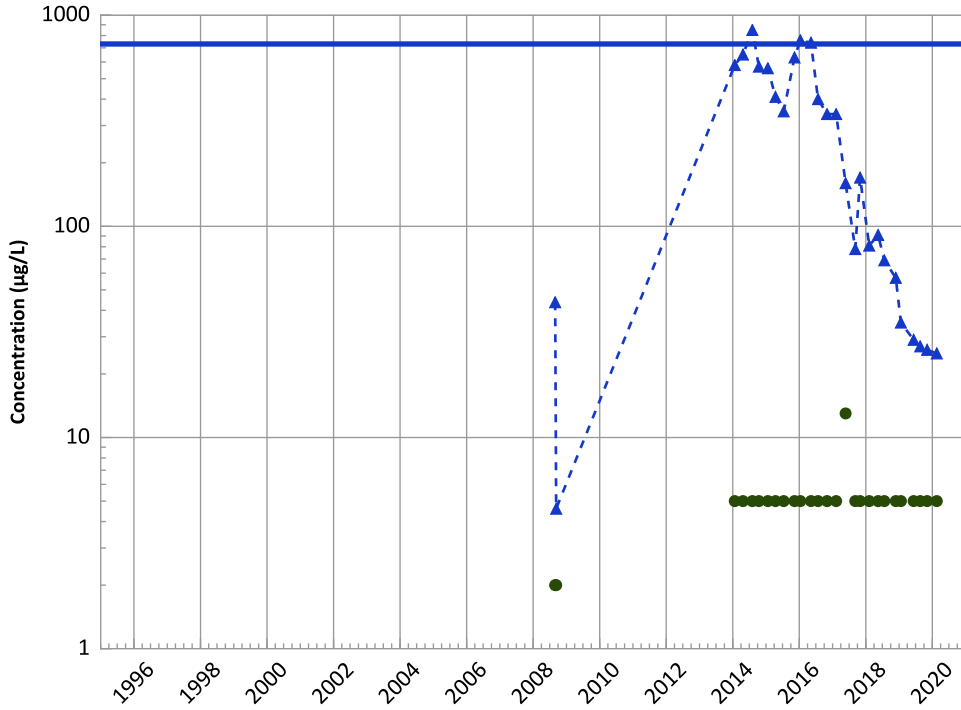
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Increasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

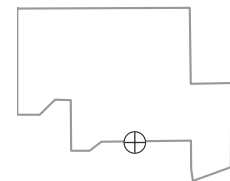
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

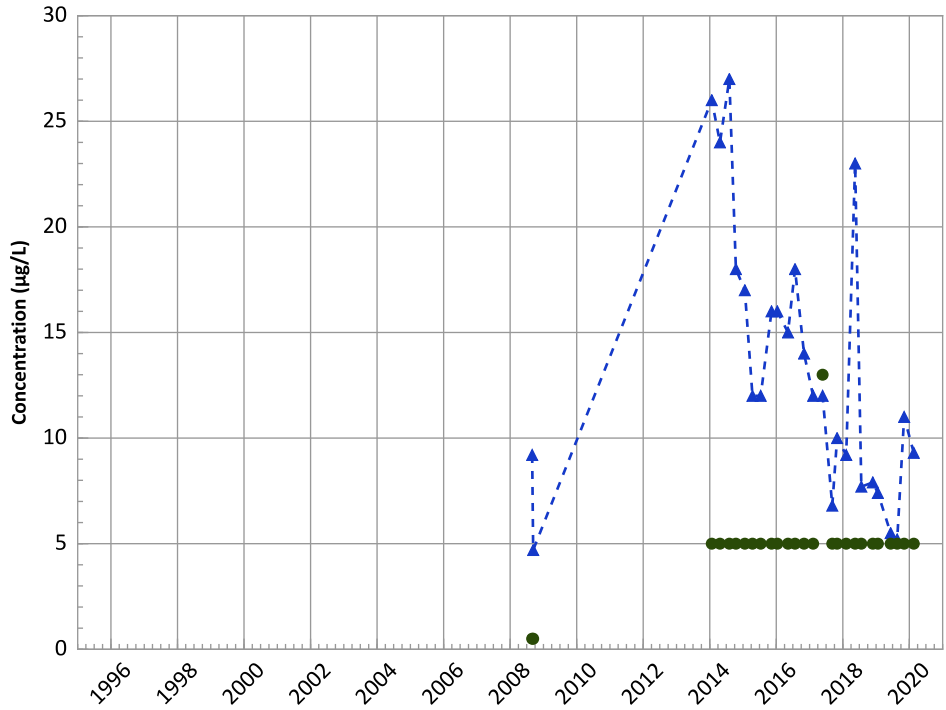
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

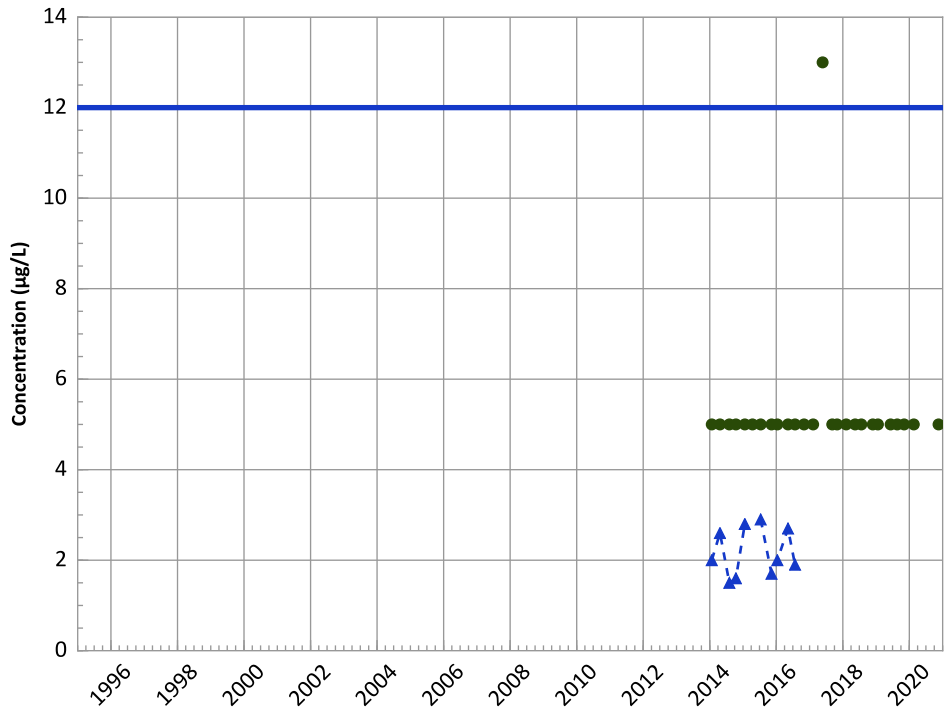


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Stable

Arsenic Trend

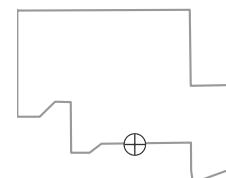


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Well Location

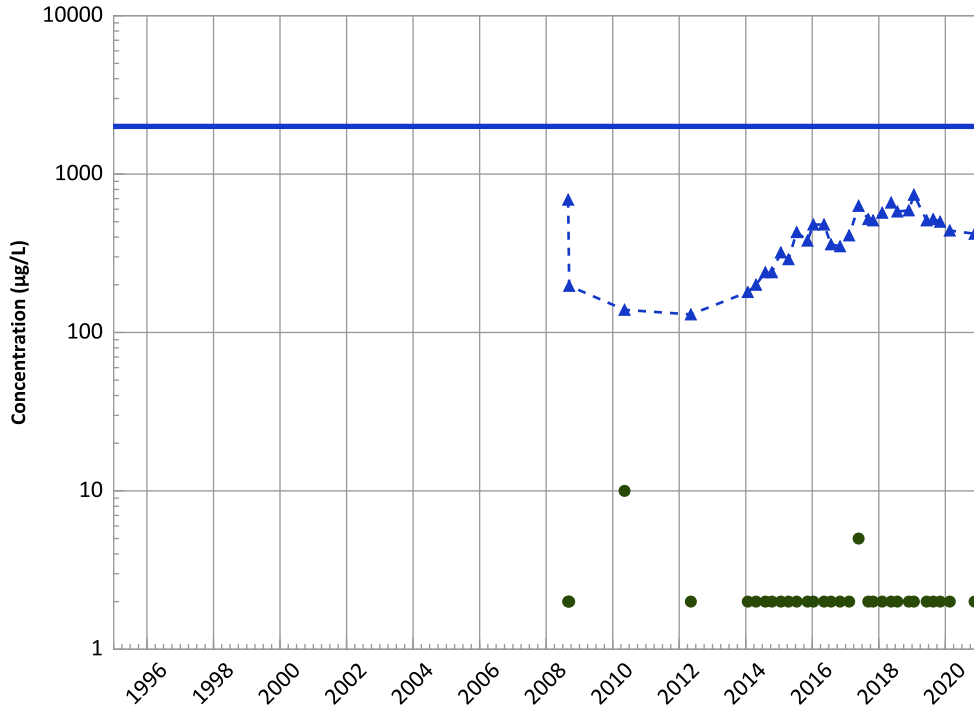


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

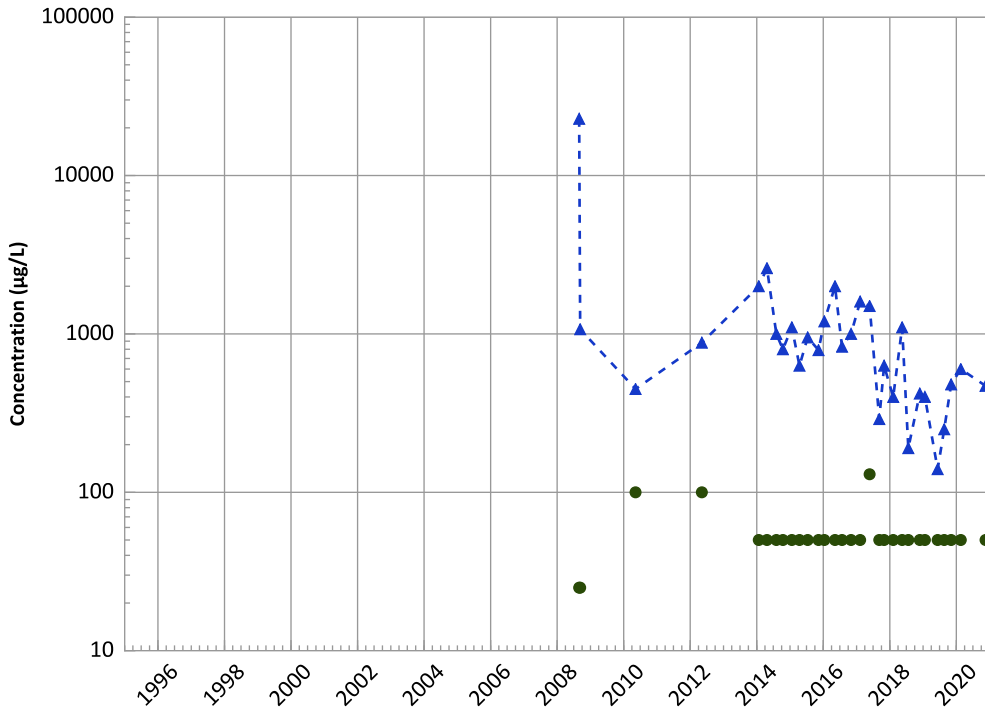
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

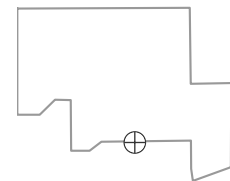
2018 - 2020 Data:

No Trend

All Data:

Decreasing

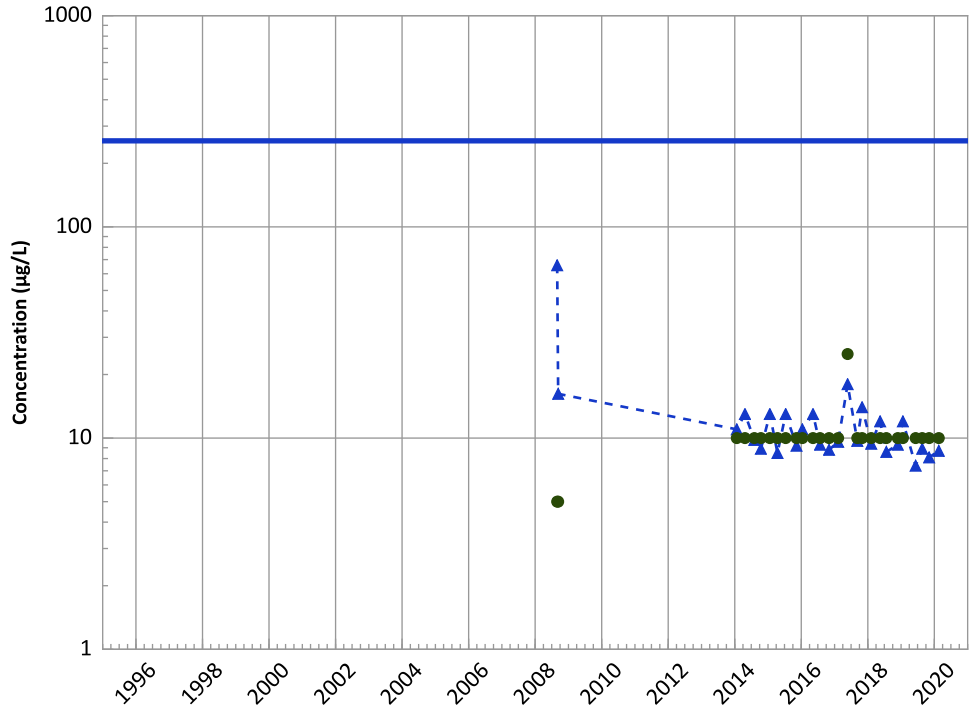
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

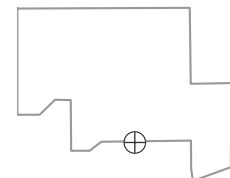
PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend



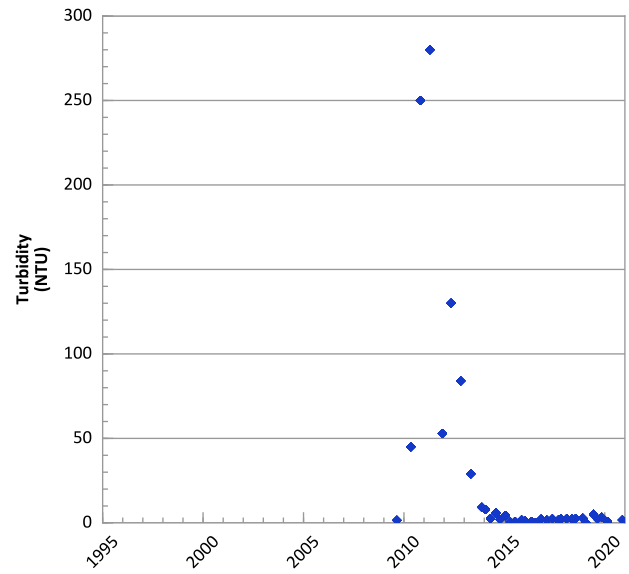
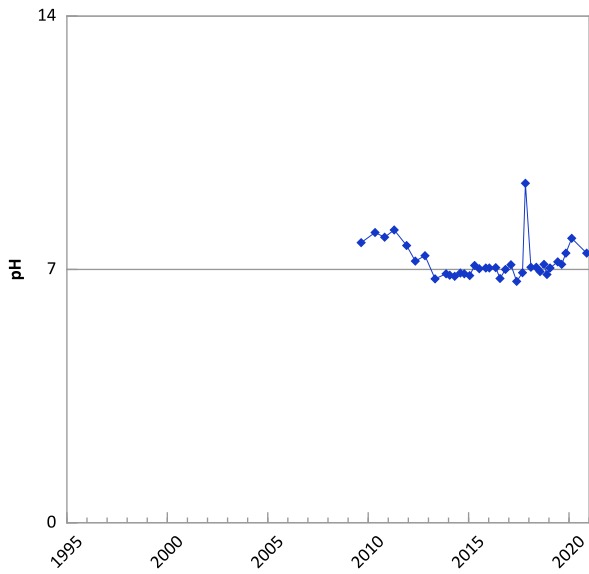
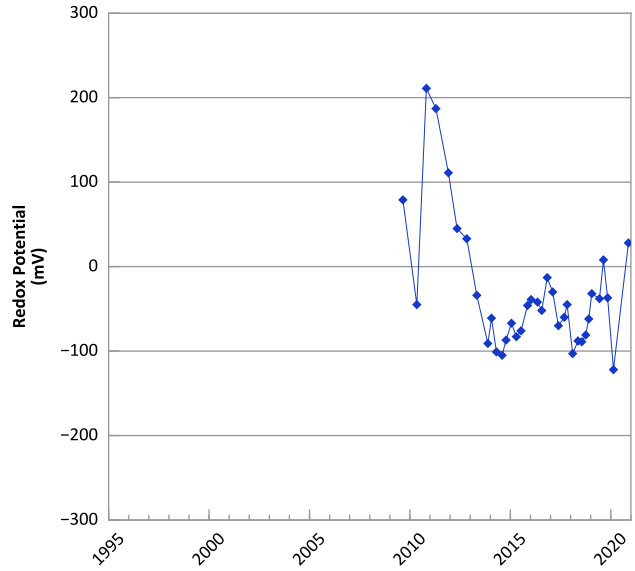
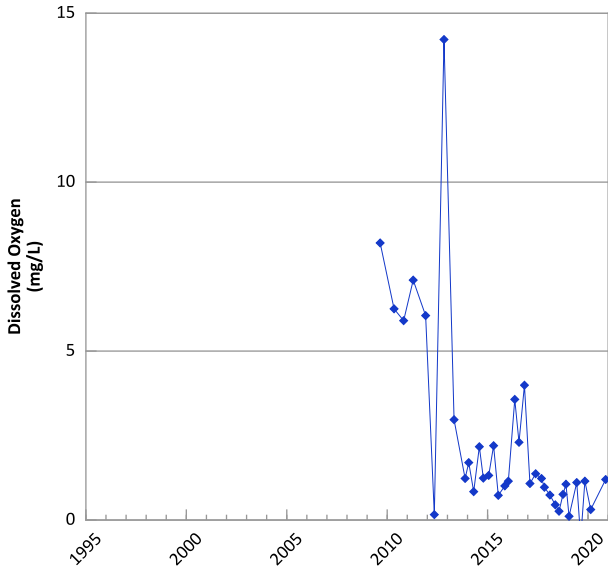
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

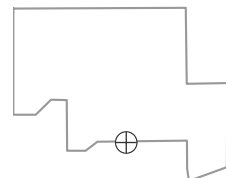


**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



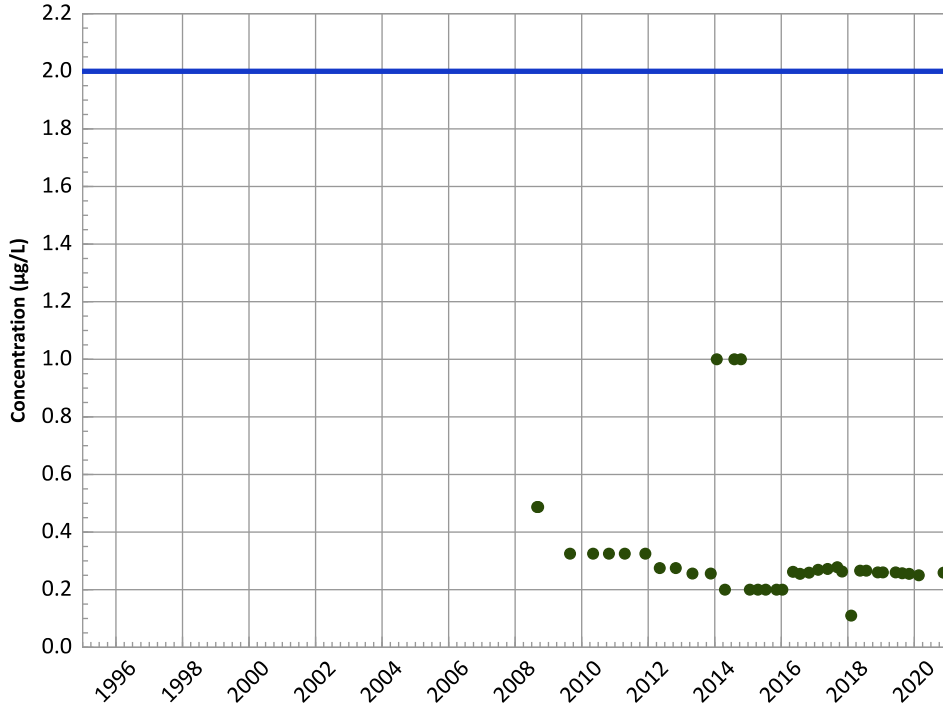
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

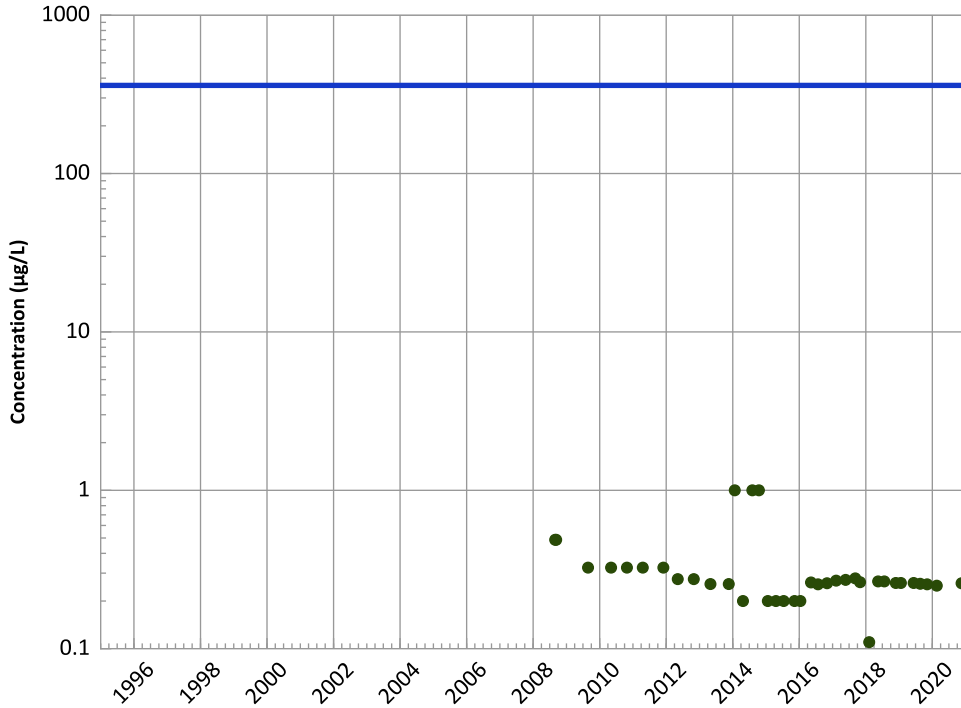
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

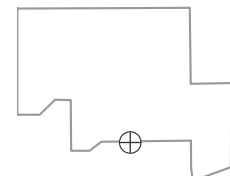
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

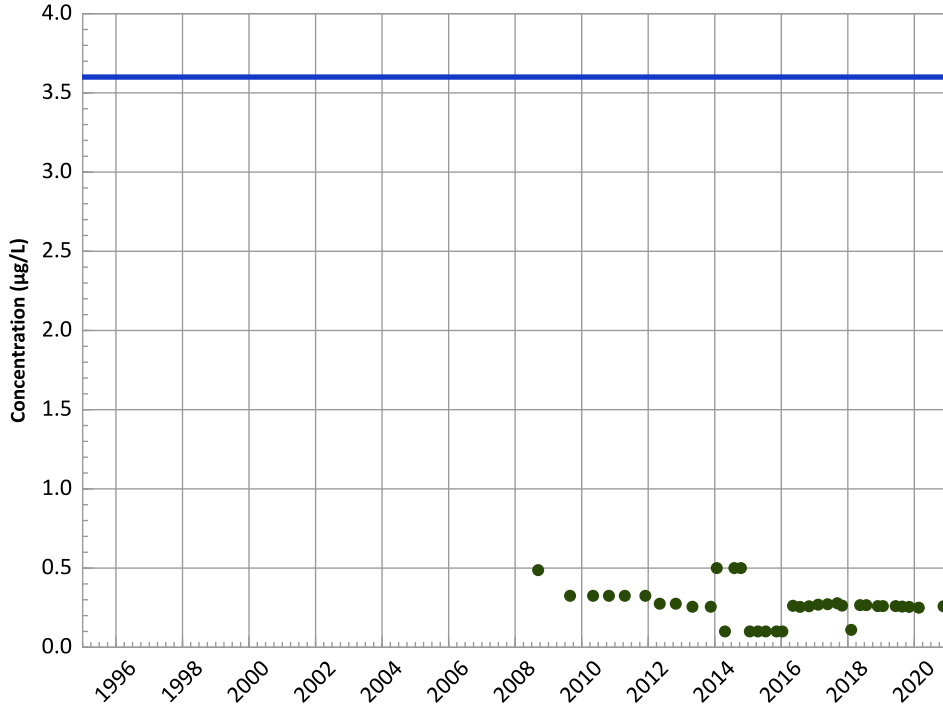
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

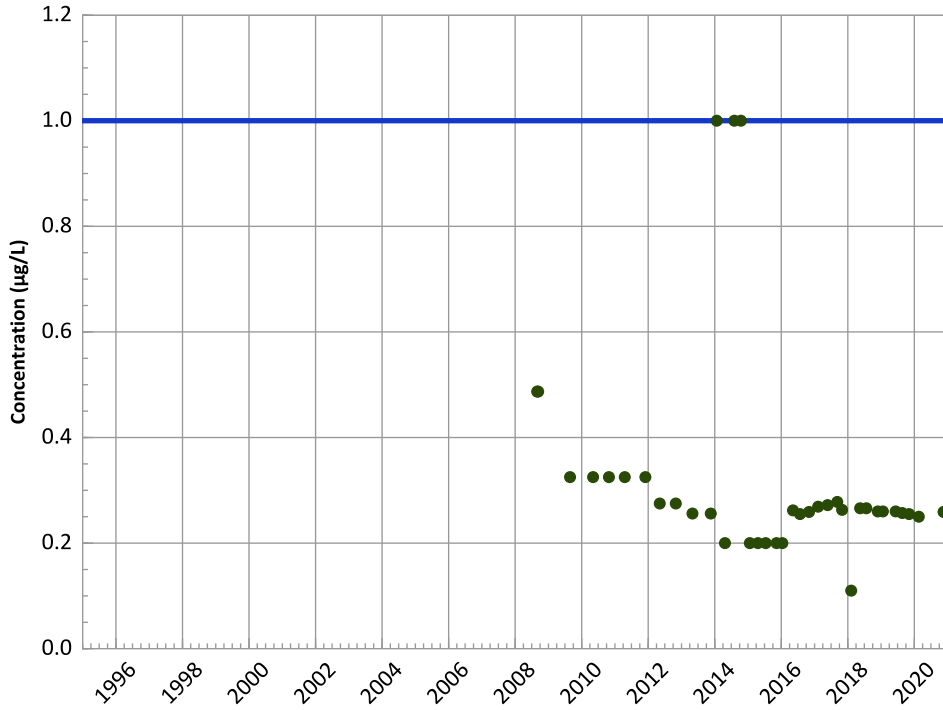
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

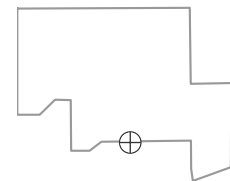
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

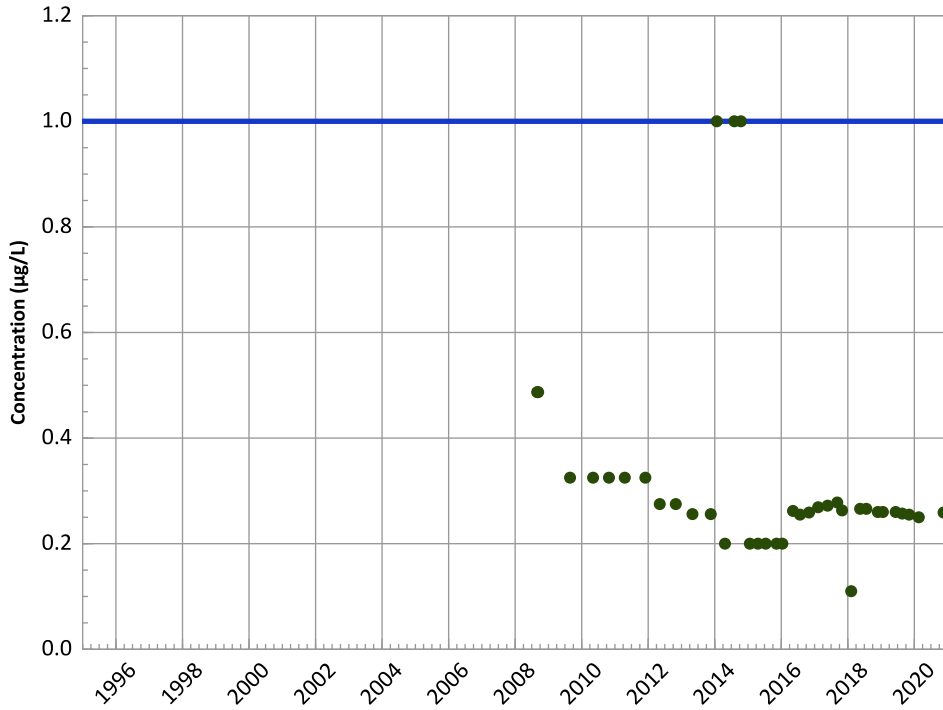


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

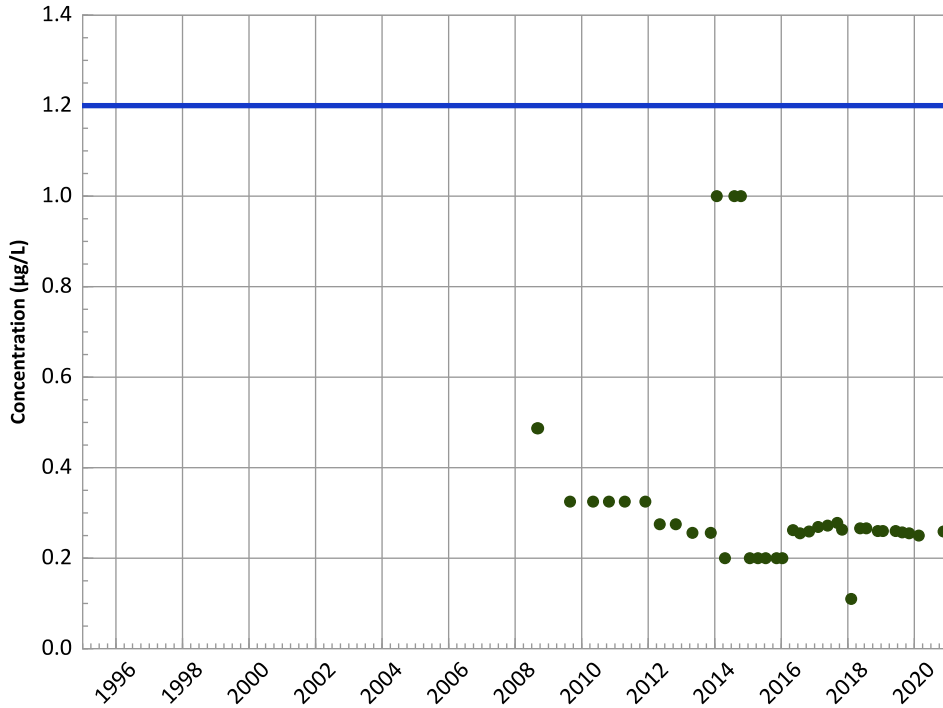
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

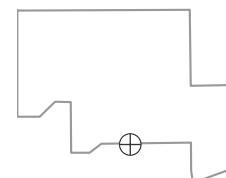
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

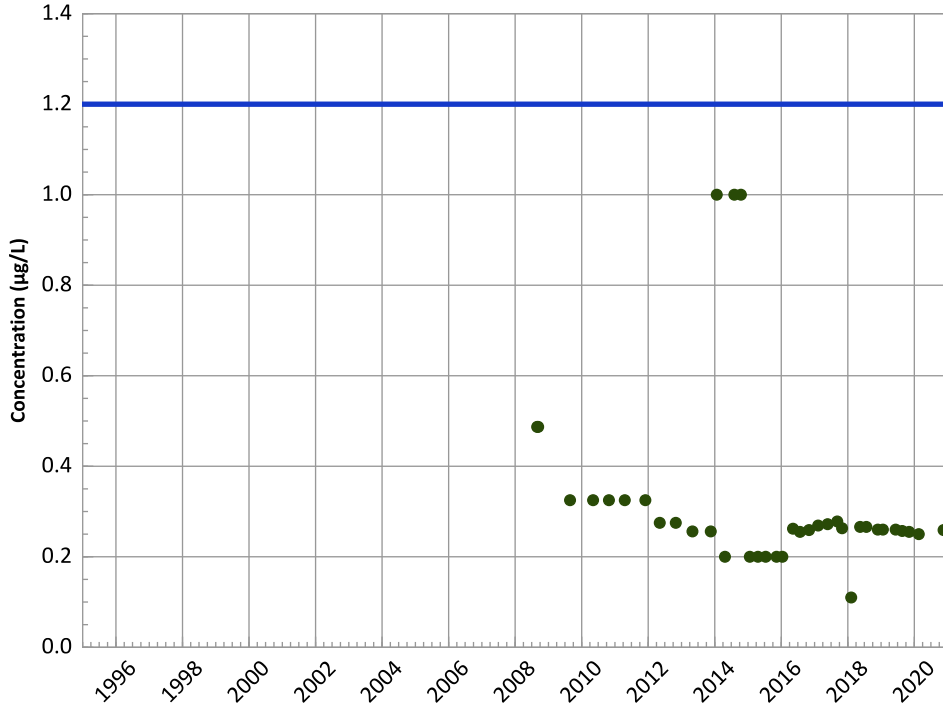
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

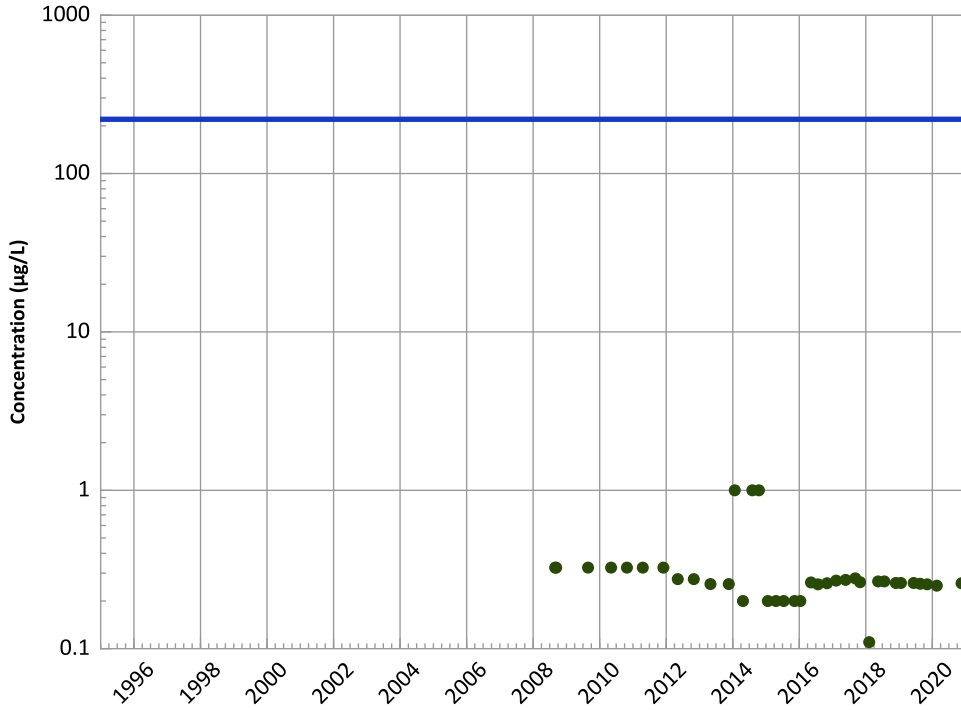
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

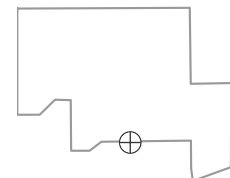
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

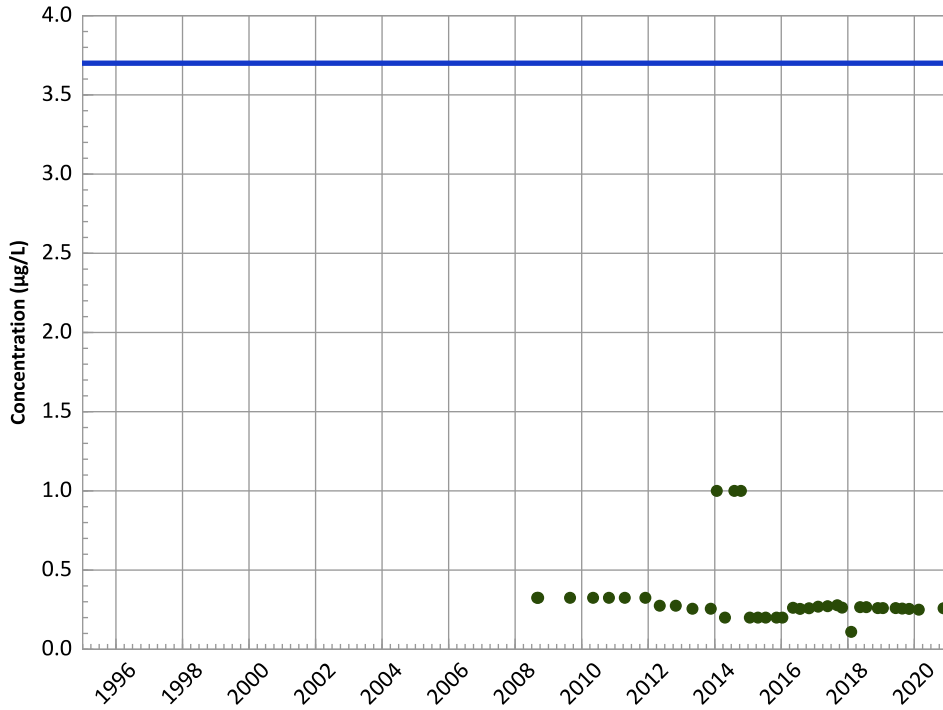
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

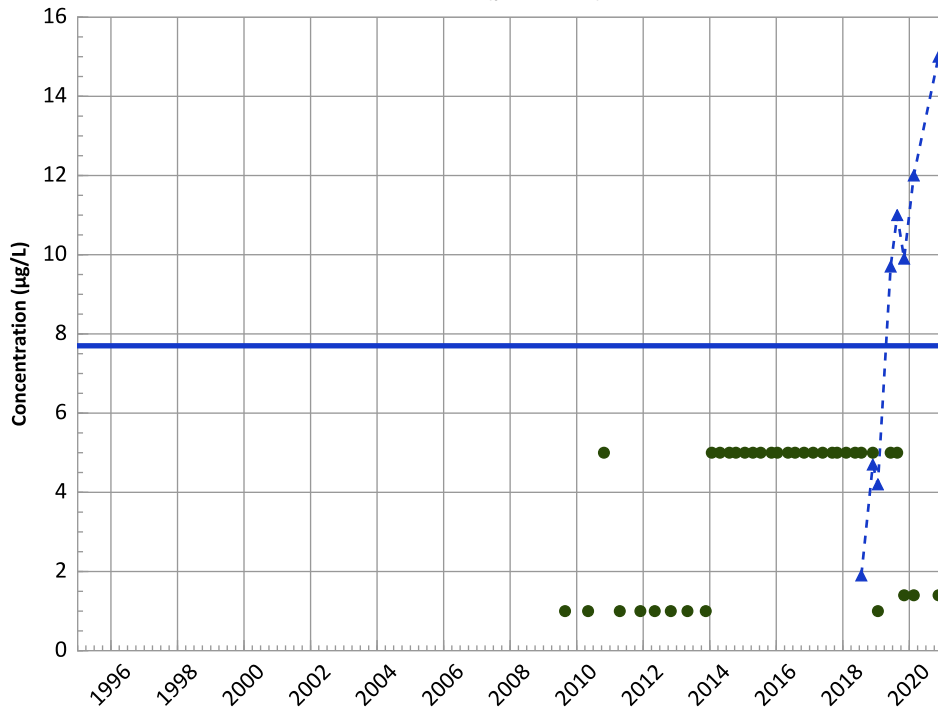
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

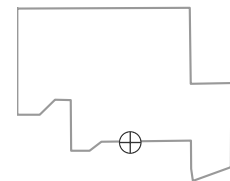
2018 - 2020 Data:

No Trend

All Data:

Increasing

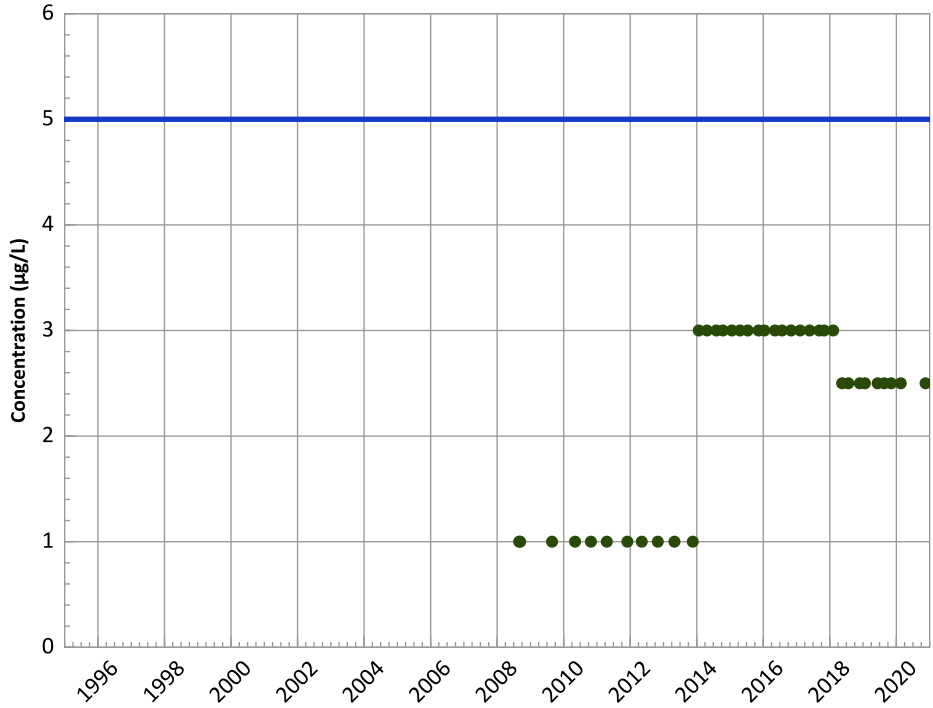
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

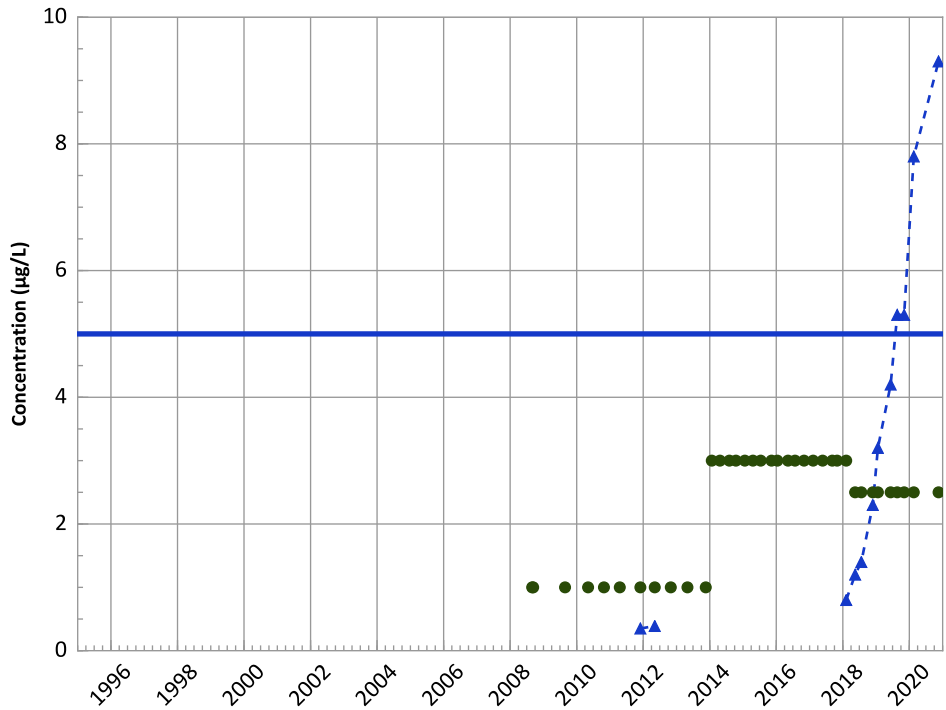
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

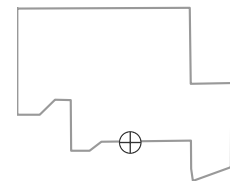
2018 - 2020 Data:

Increasing

All Data:

Increasing

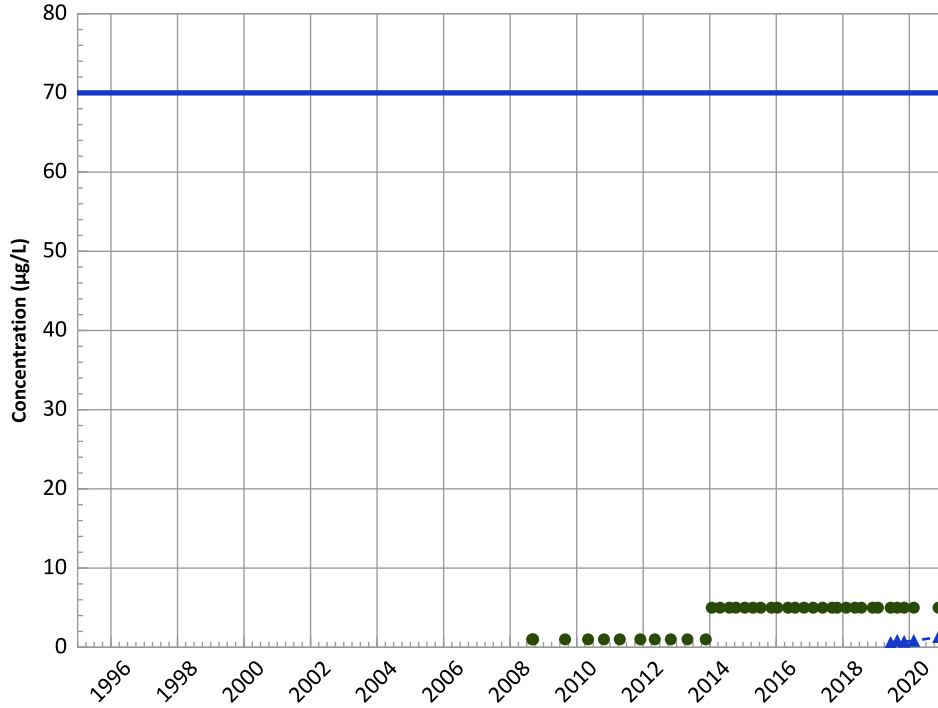
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

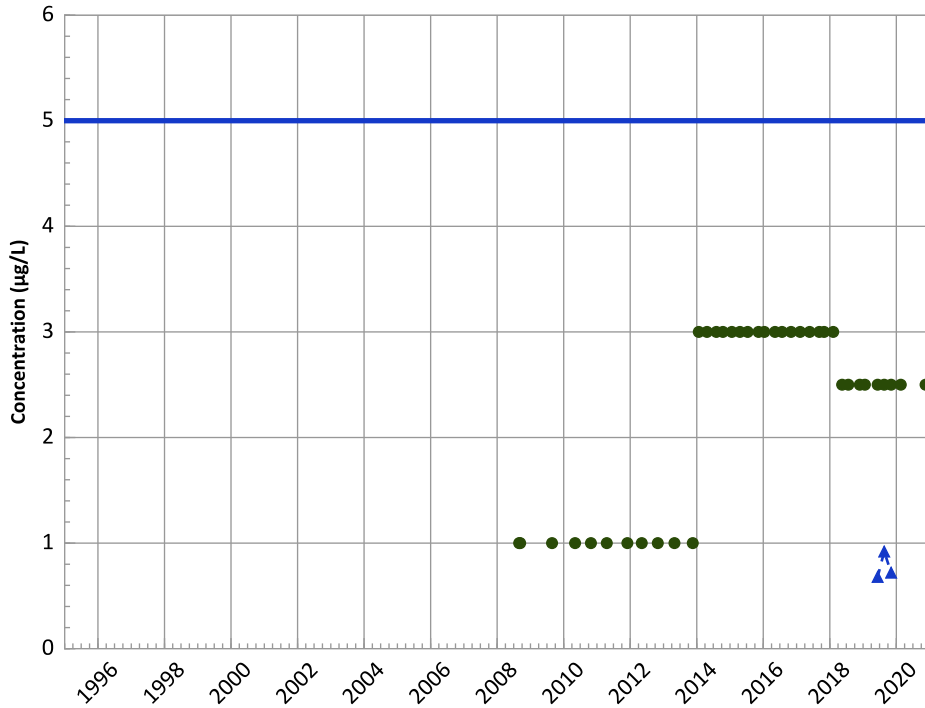
2018 - 2020 Data:

No Trend

All Data:

Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

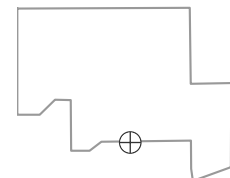
All Data:

No Trend

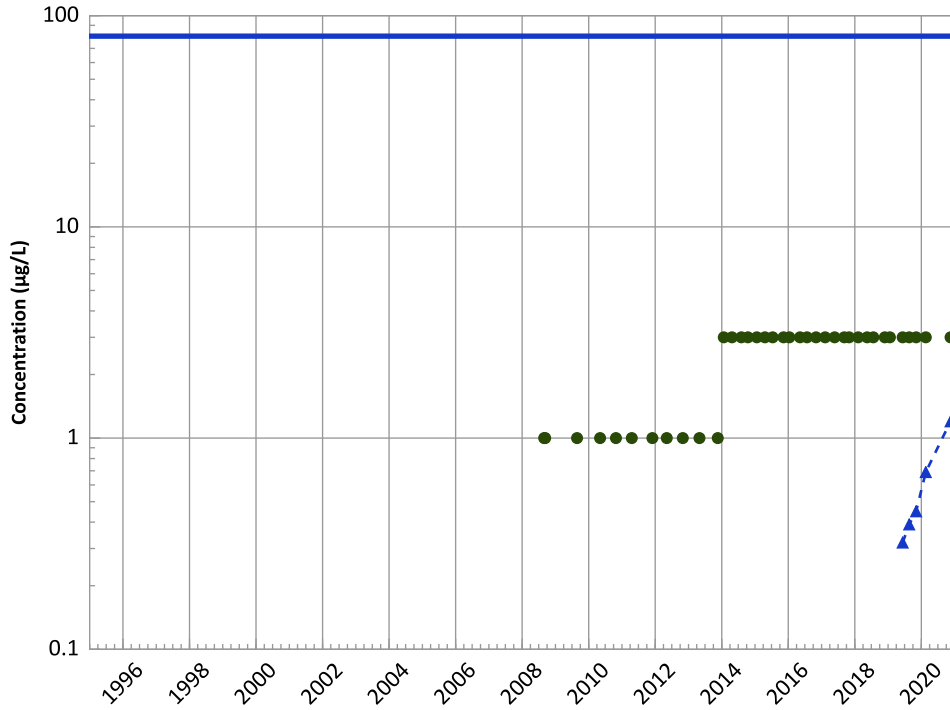
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:
Increasing

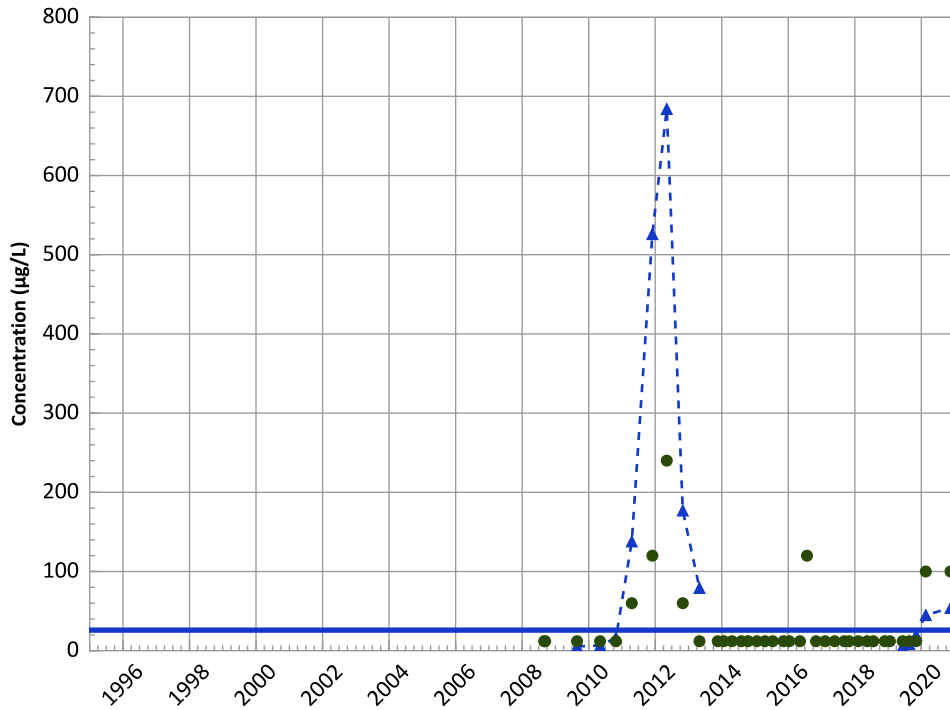
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing

All Data:
Decreasing

MAROS Linear Regression Method

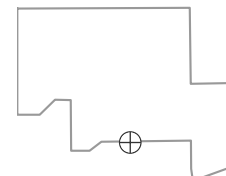
2018 - 2020 Data:
Increasing

All Data:
No Trend

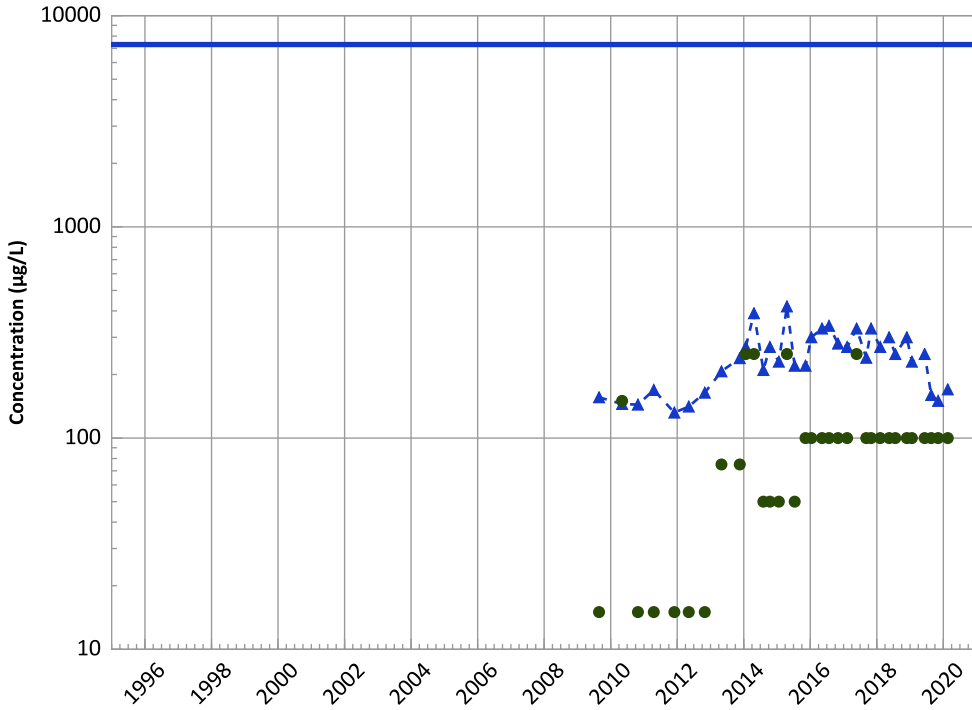
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

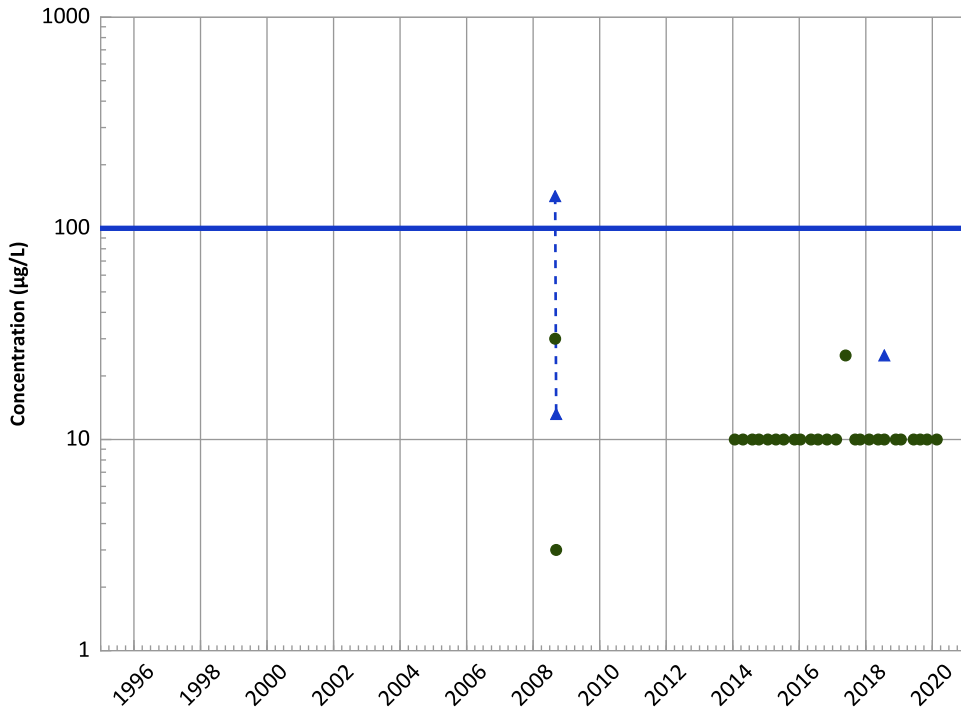
2018 - 2020 Data:

Stable

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

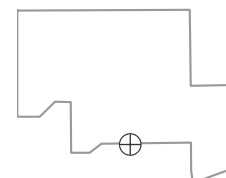
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

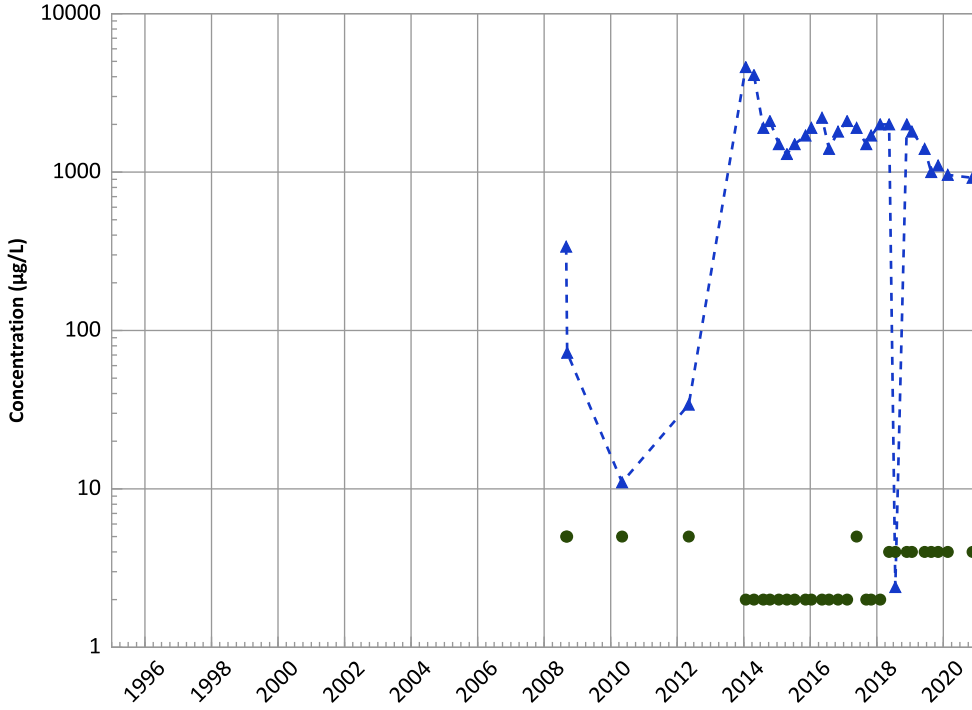


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

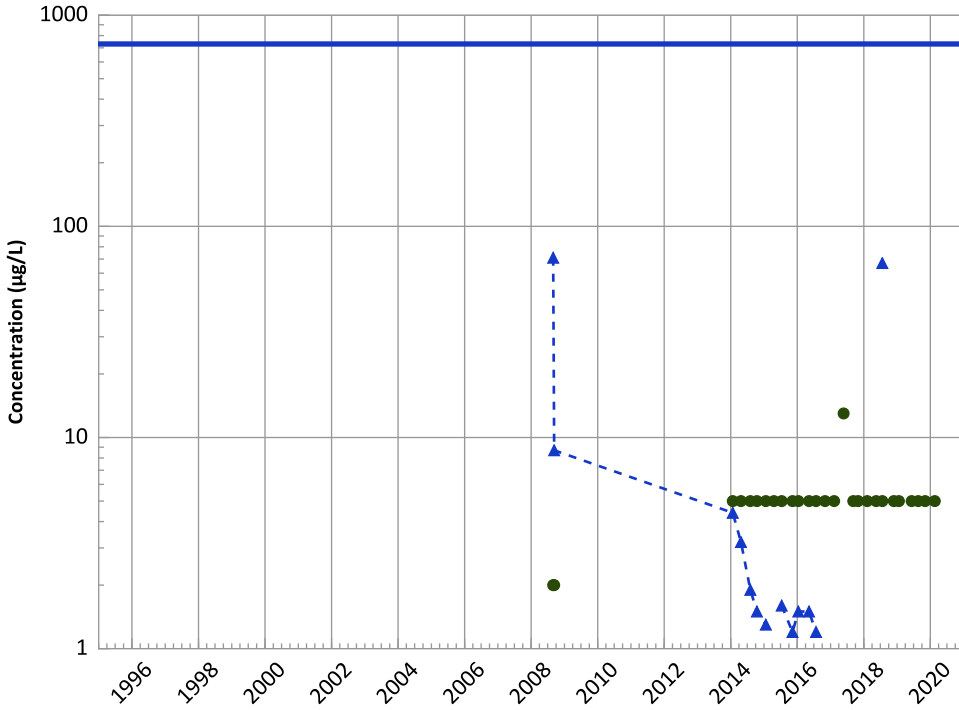
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

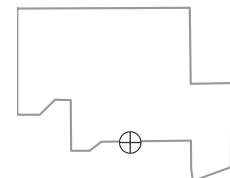
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

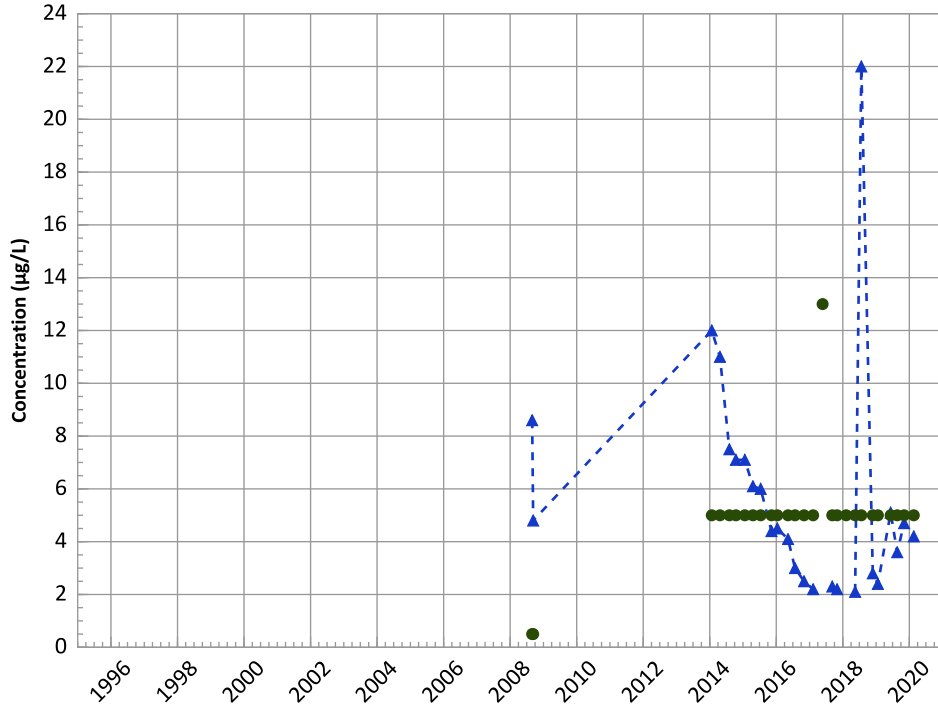
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

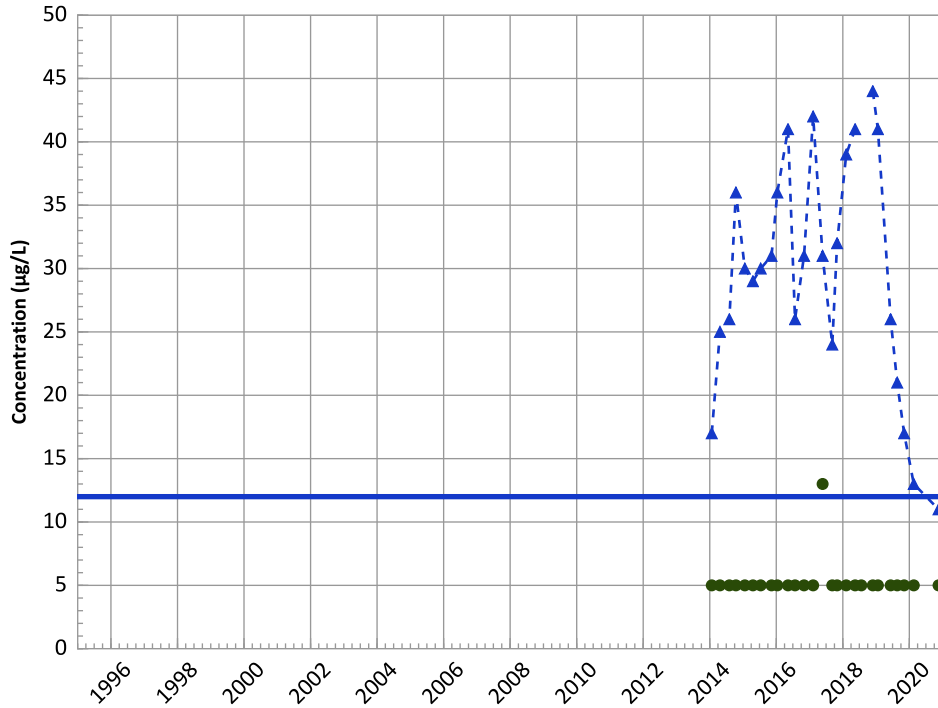


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

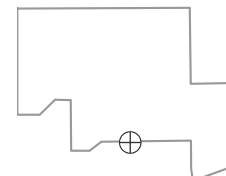
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

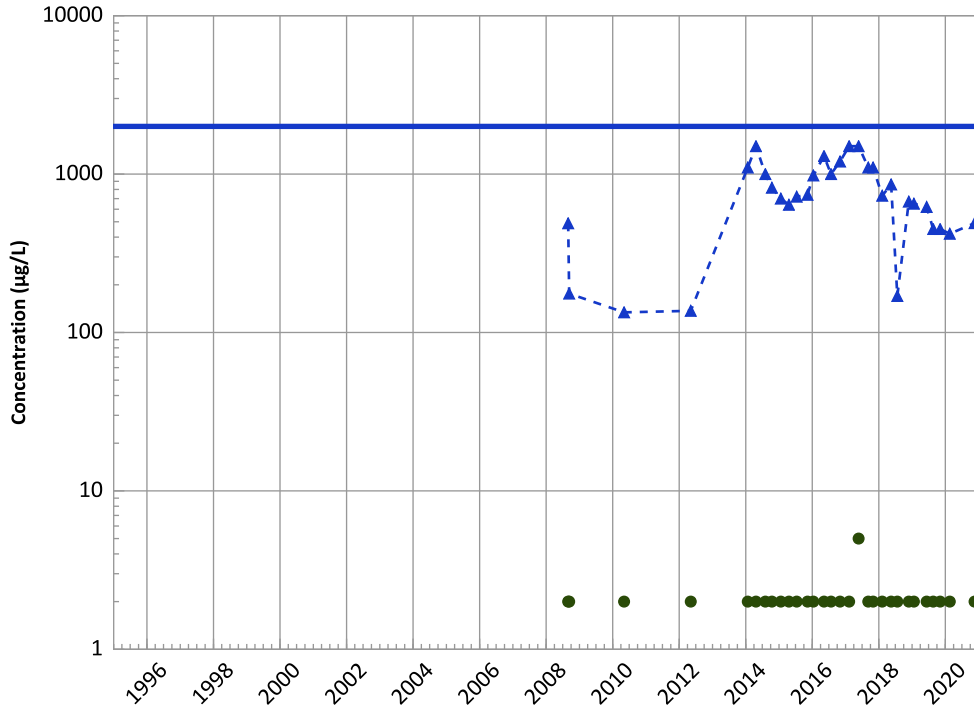
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

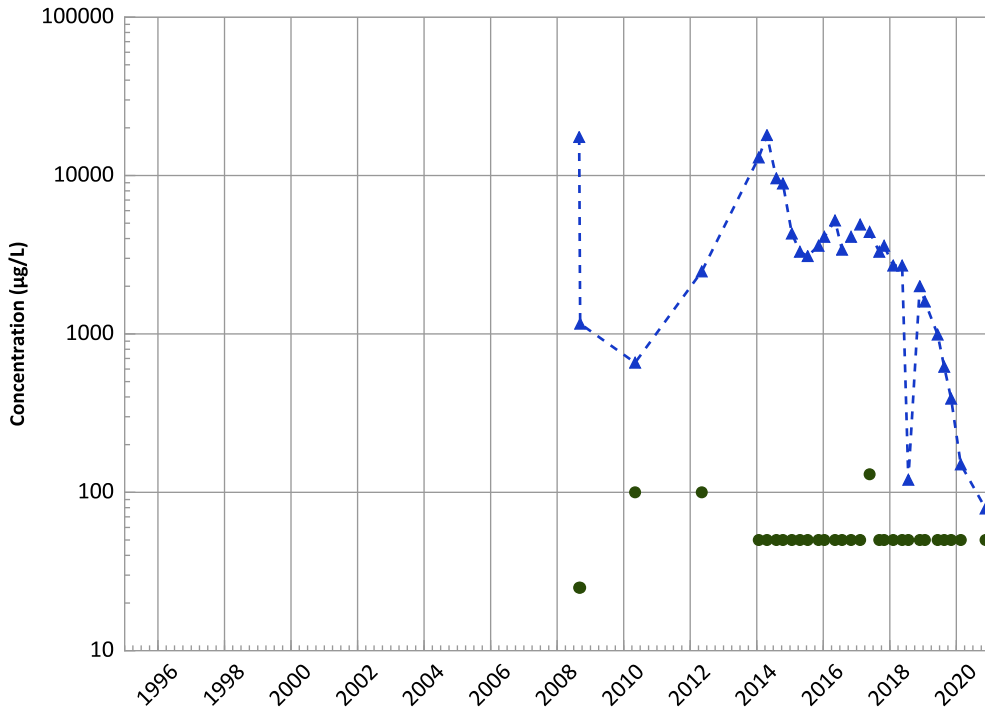
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

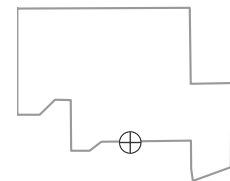
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

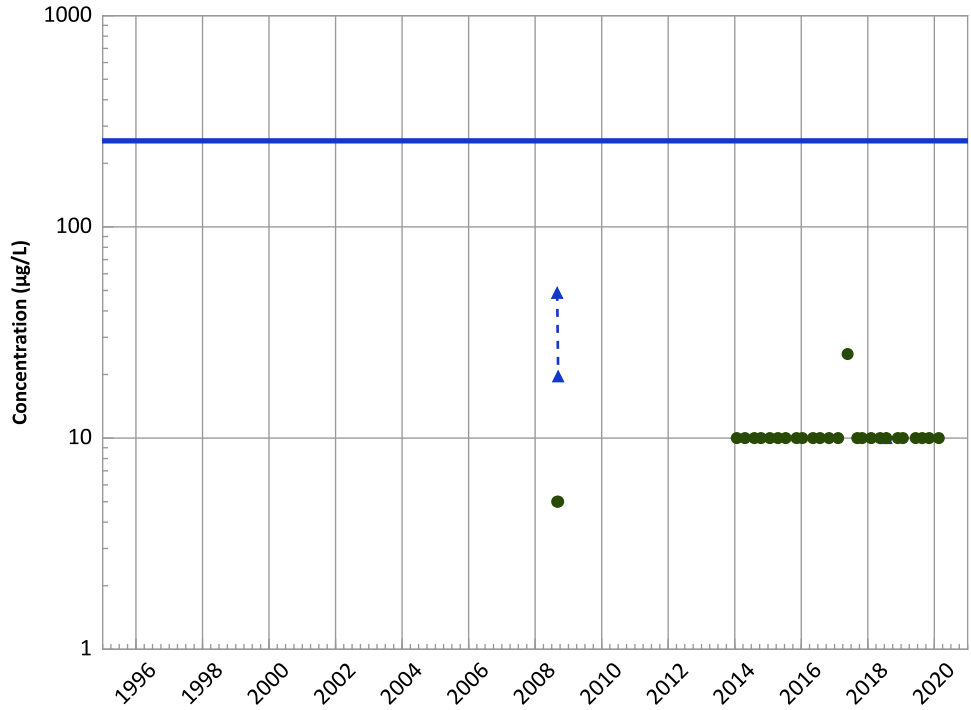
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**

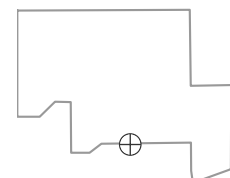


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Decreasing
MAROS Linear Regression Method
 2018 - 2020 Data:
 Stable
 All Data:
 Probably Decreasing

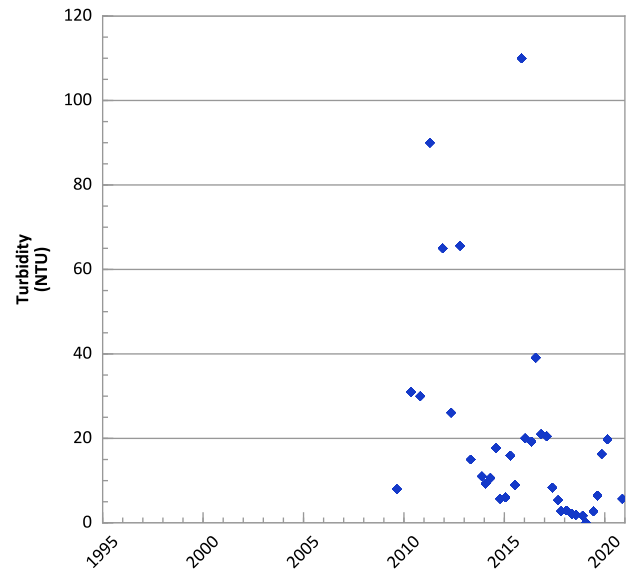
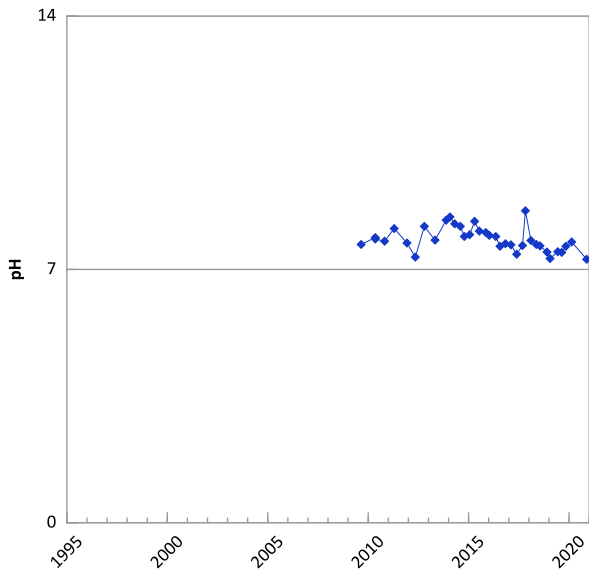
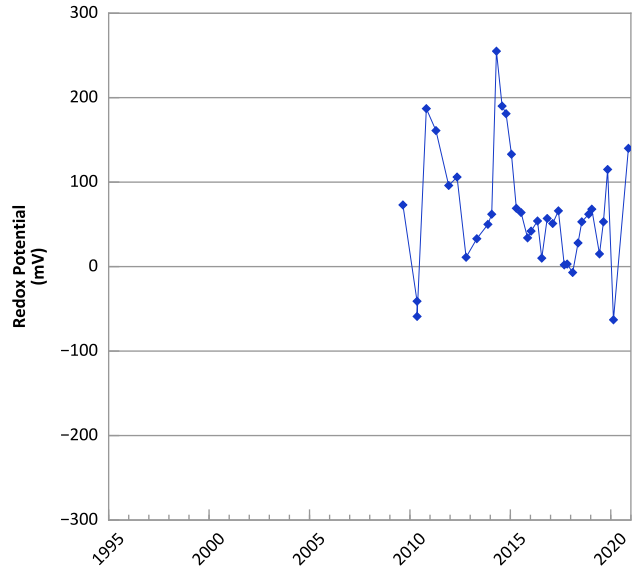
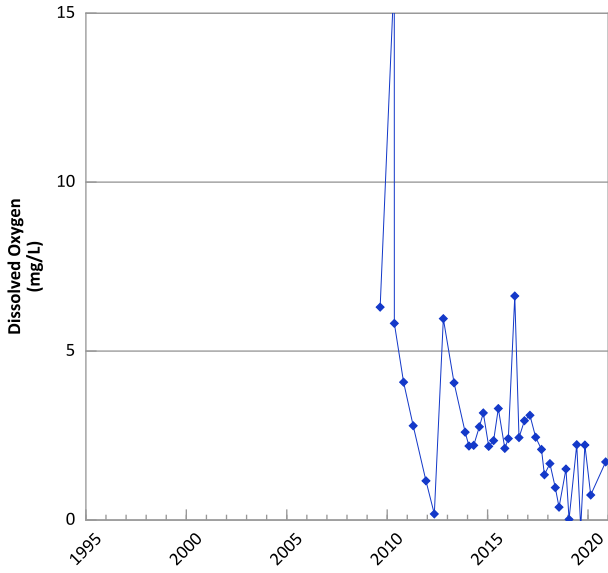
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

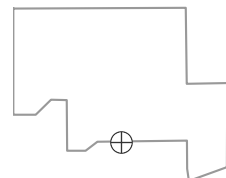


**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



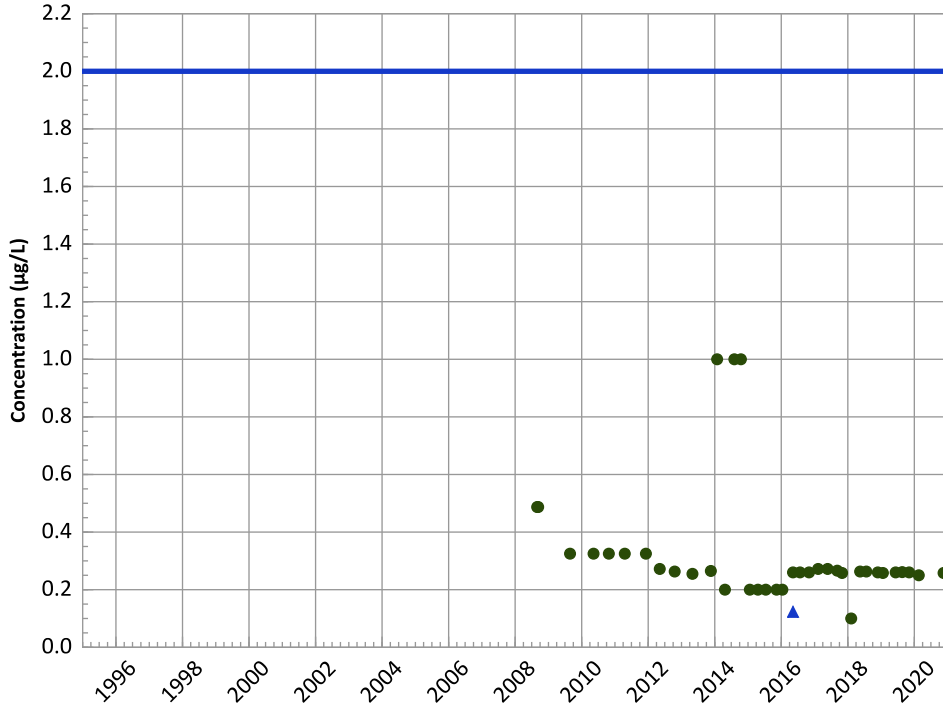
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

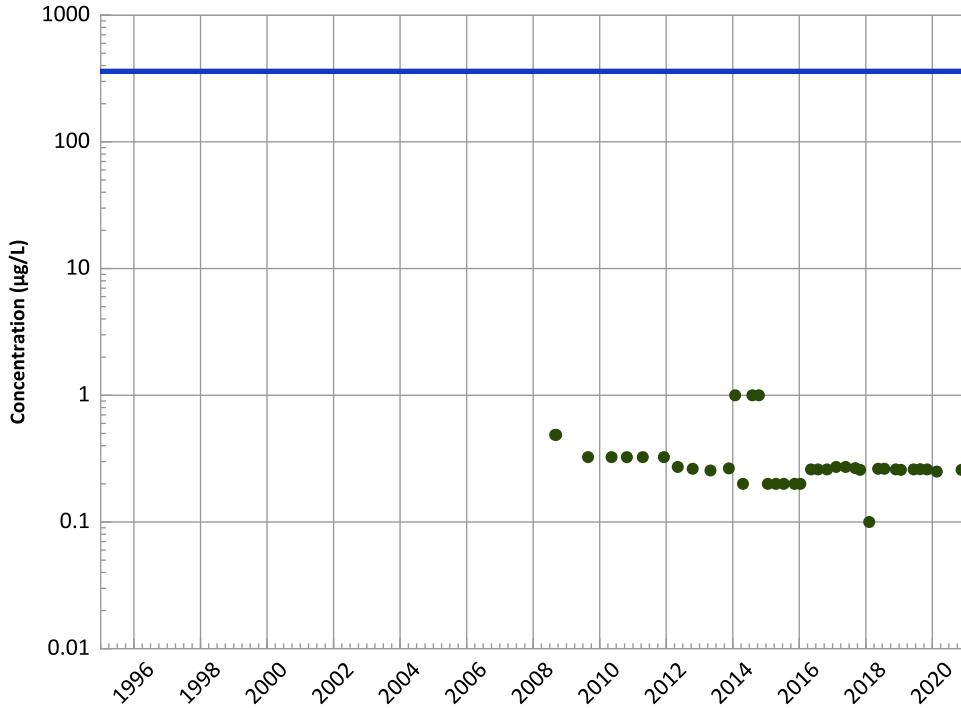
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

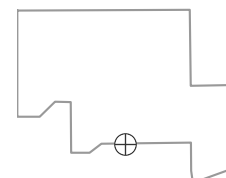
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

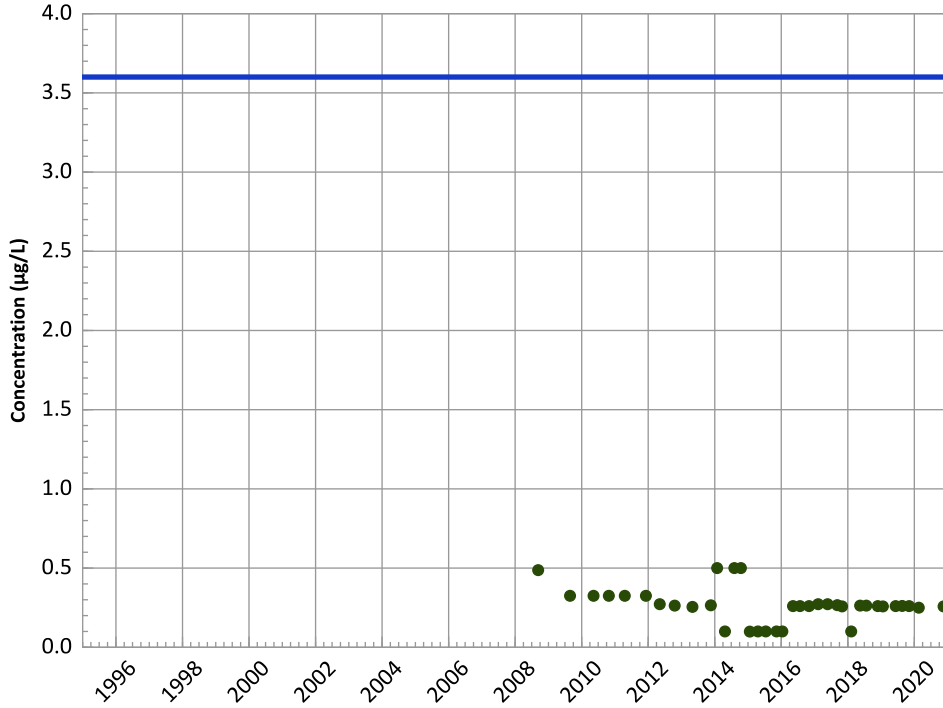


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

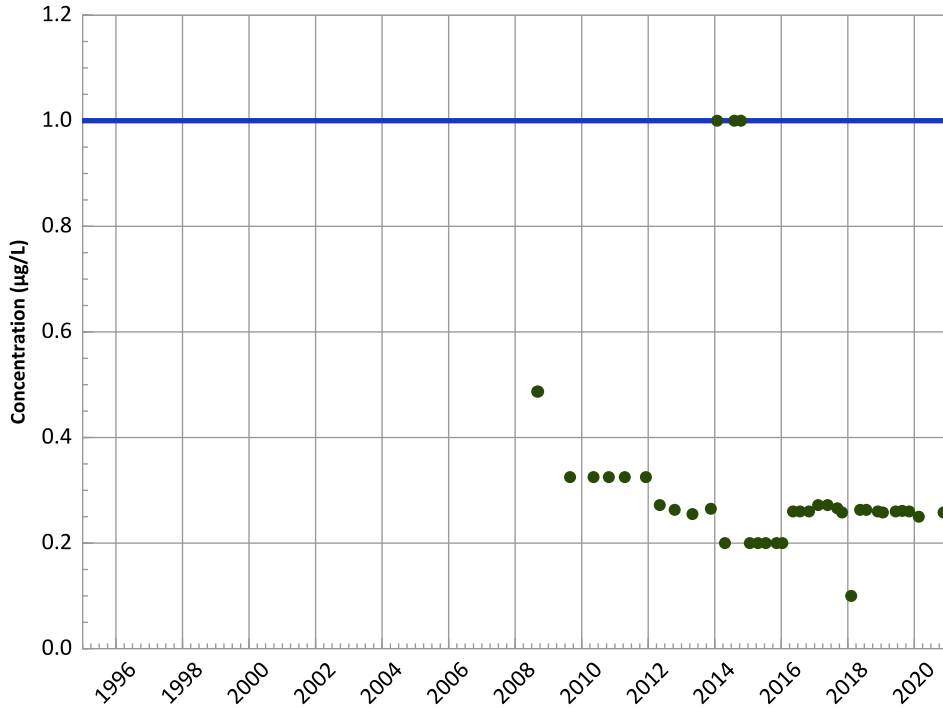
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

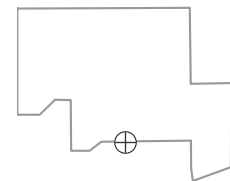
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

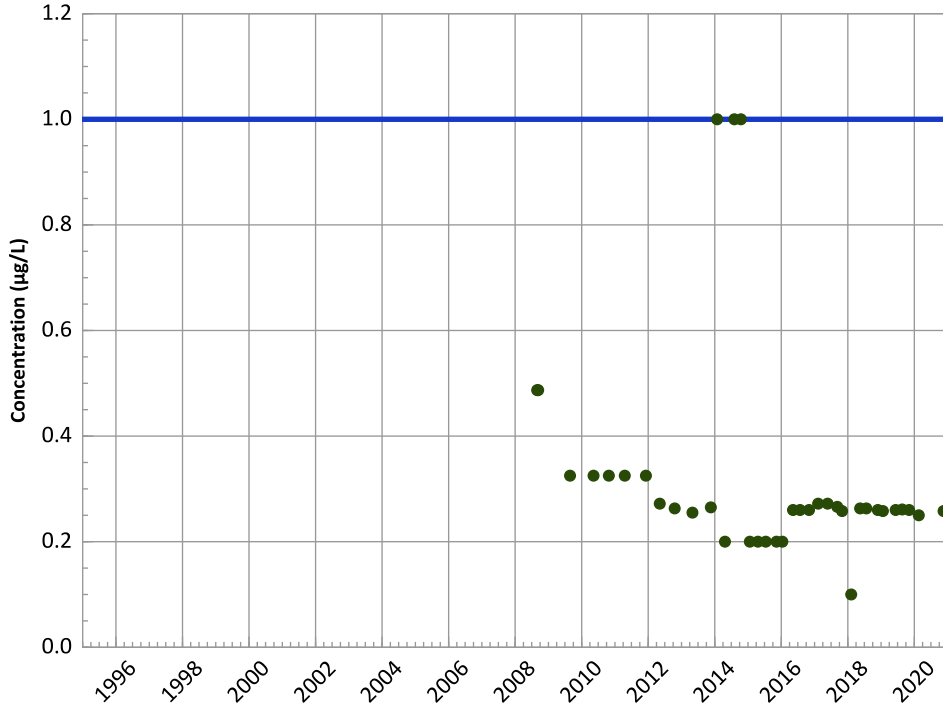
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

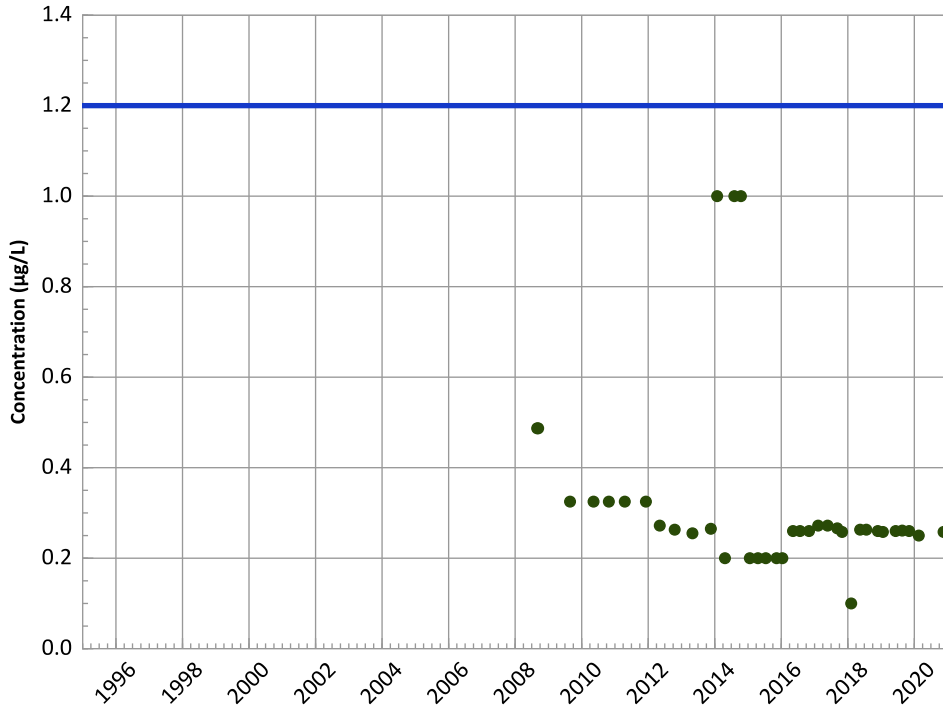
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

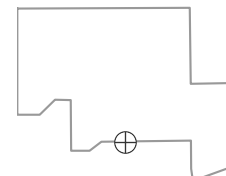
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

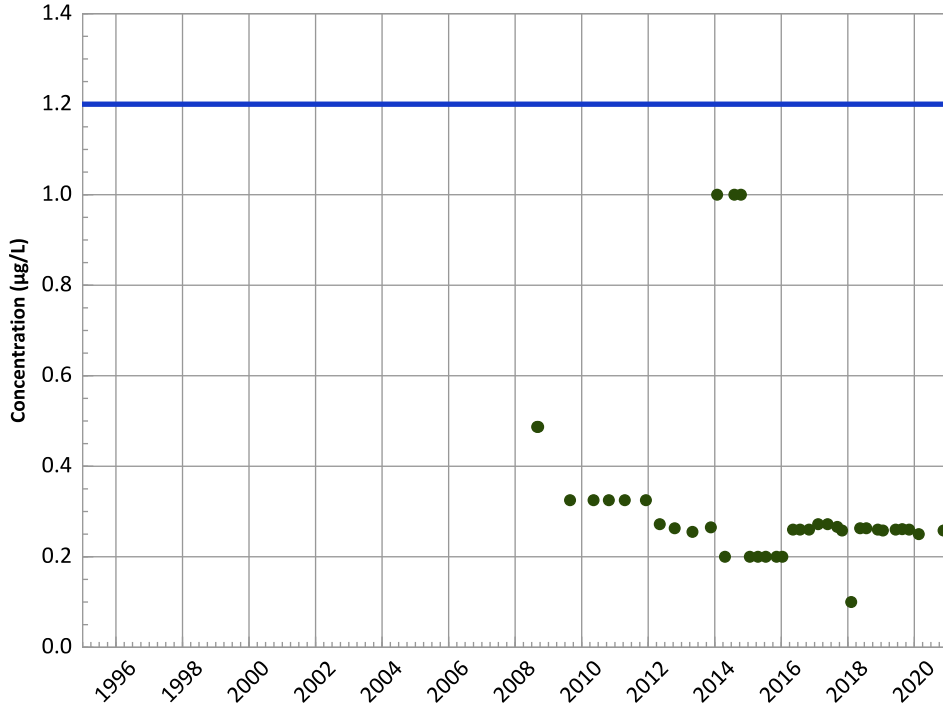
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

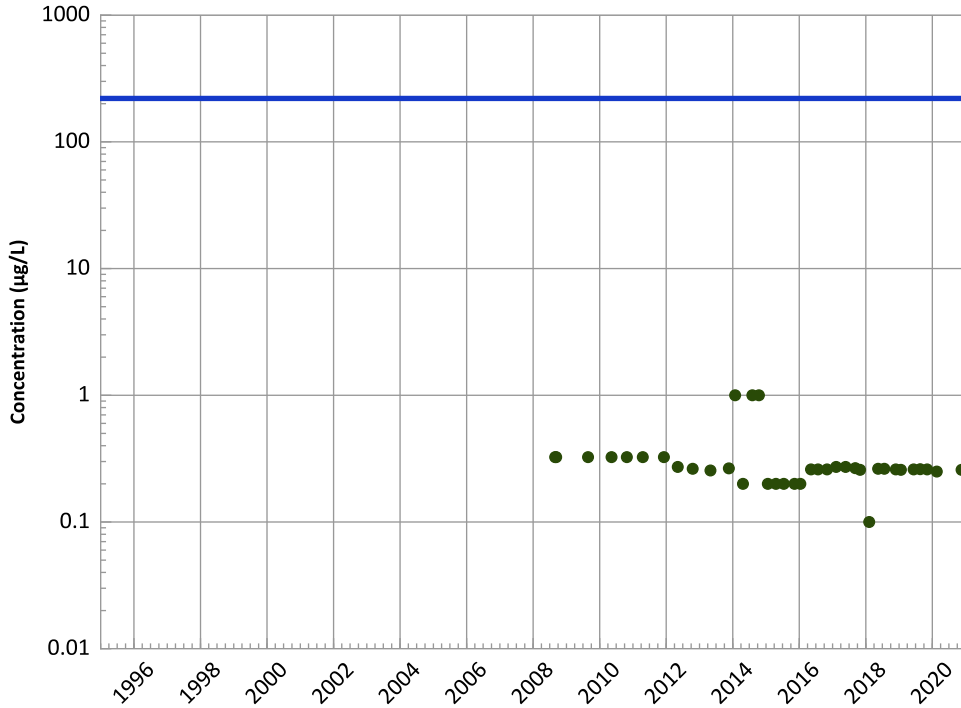
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

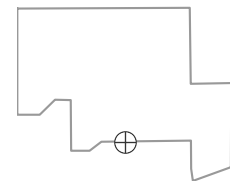
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

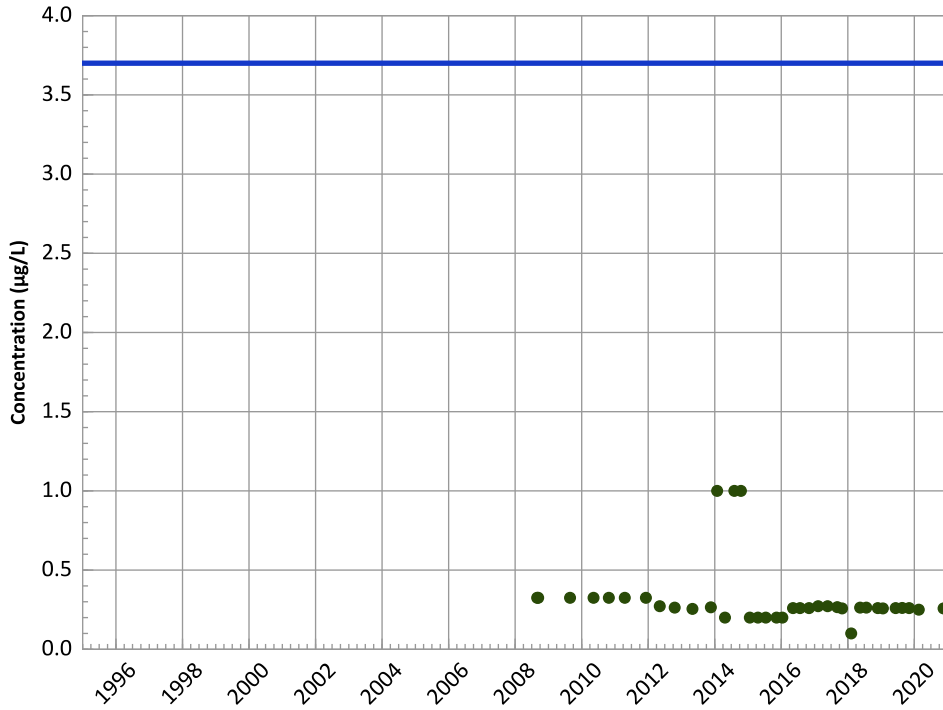


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

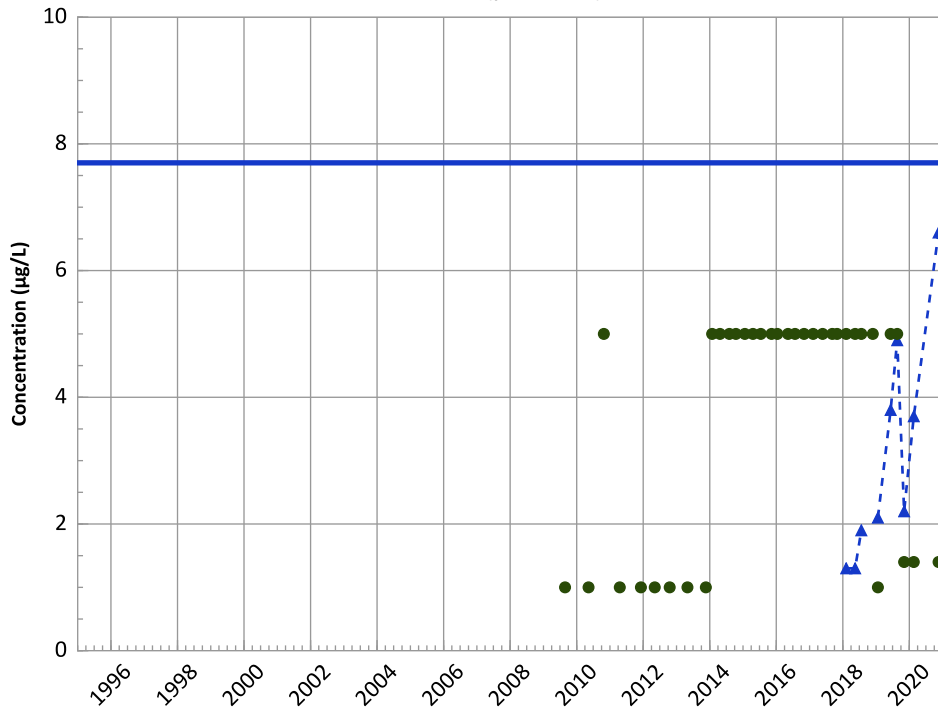
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

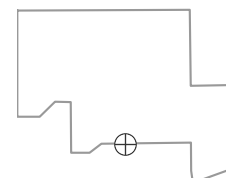
2018 - 2020 Data:

No Trend

All Data:

Increasing

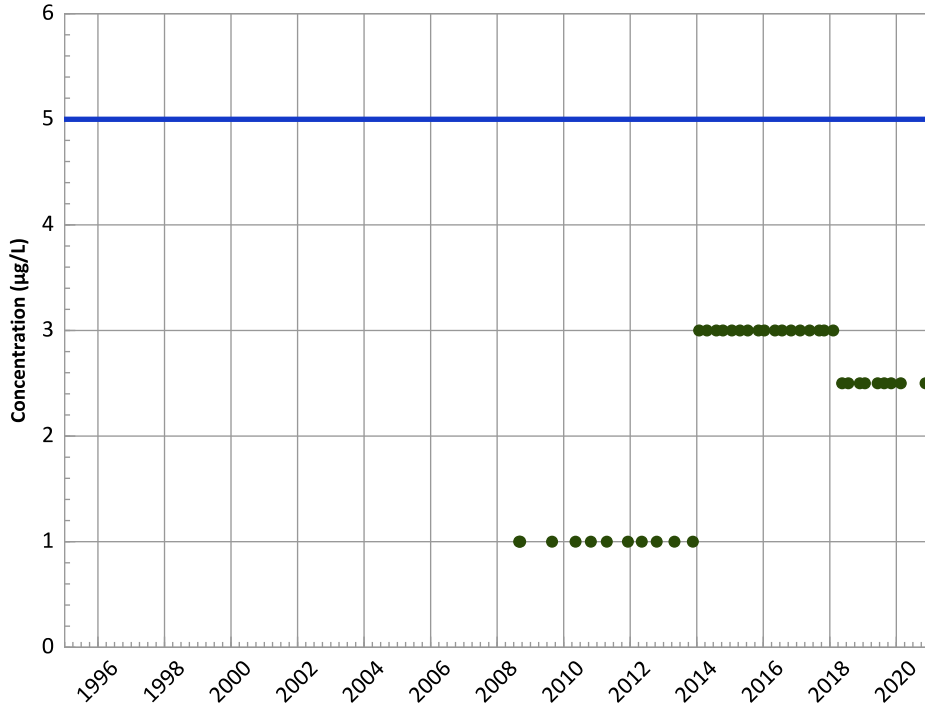
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

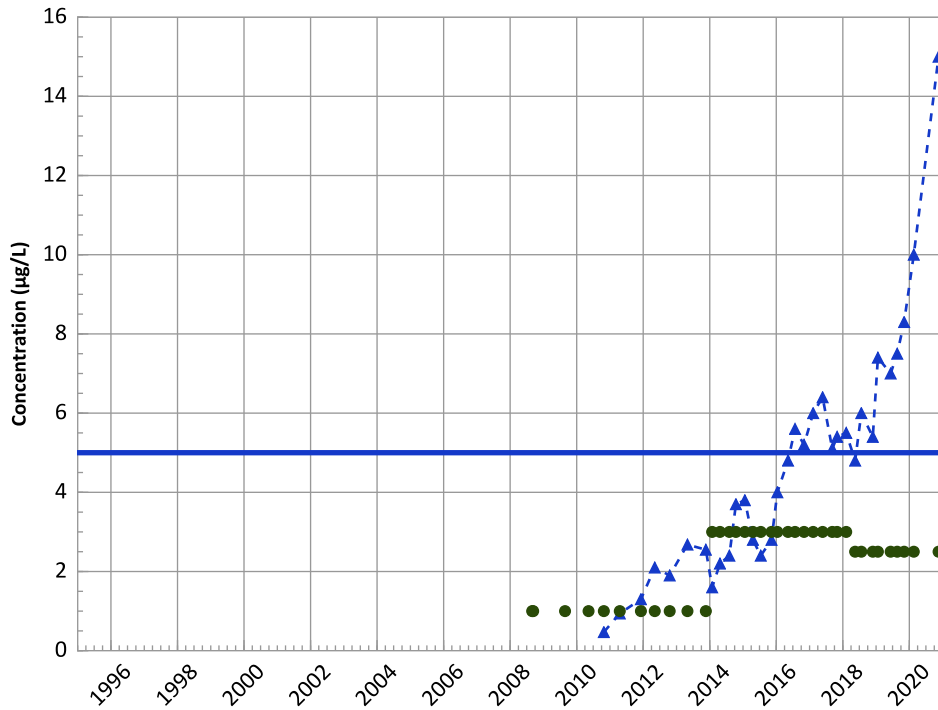
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

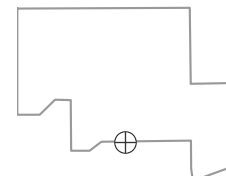
All Data:

Increasing

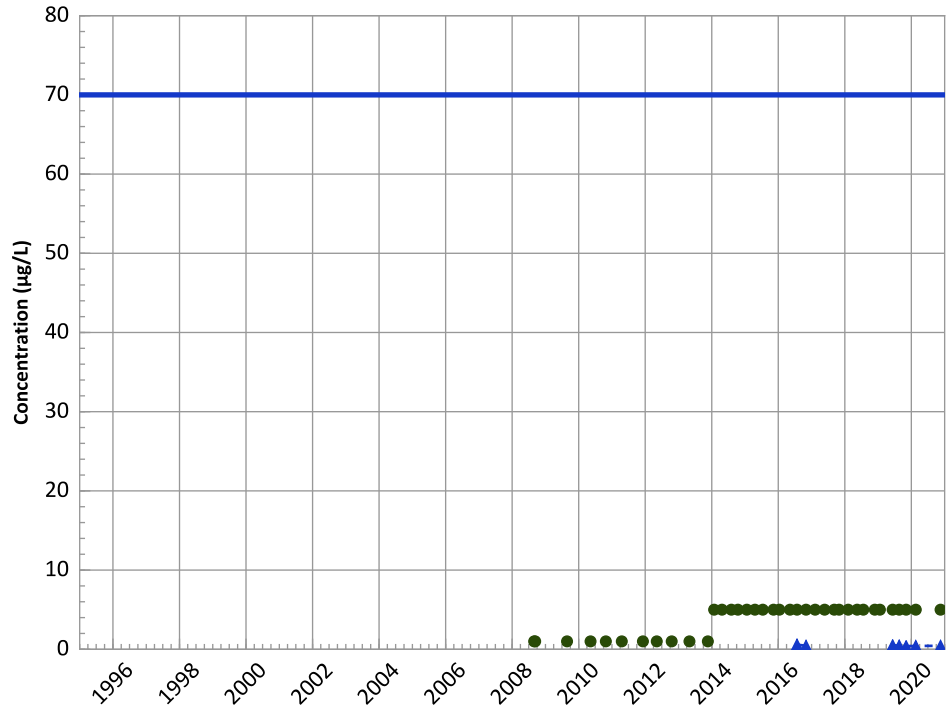
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend

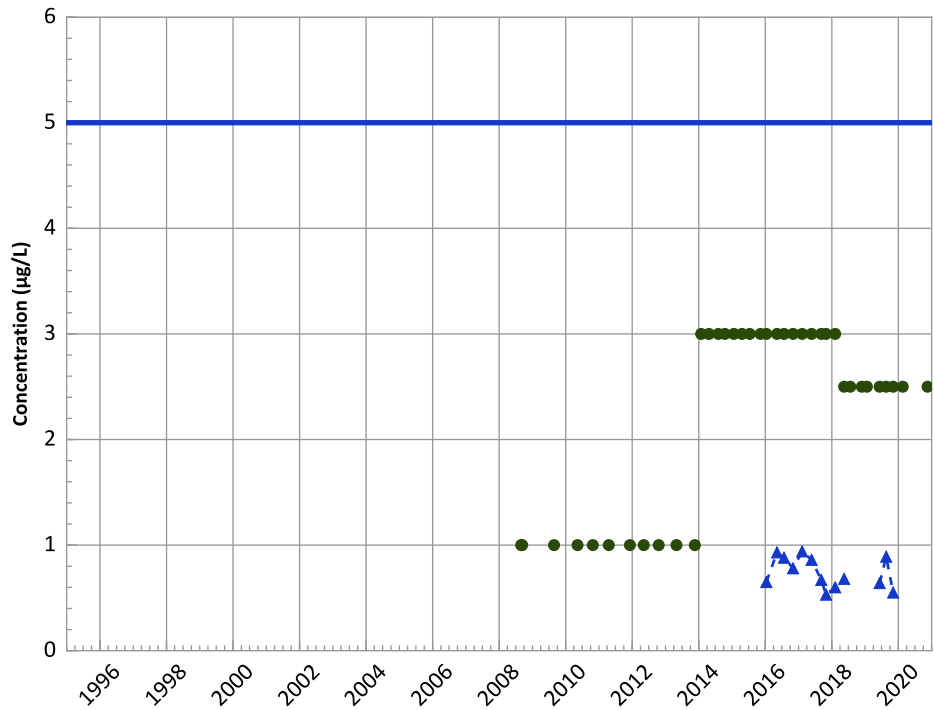


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

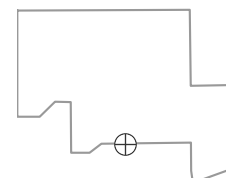
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

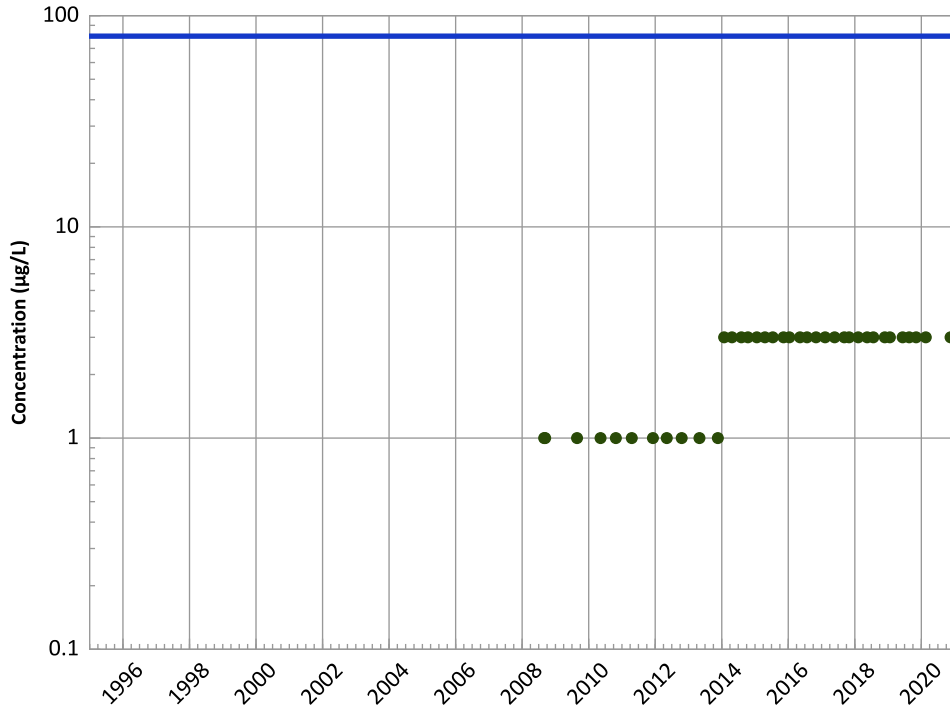
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

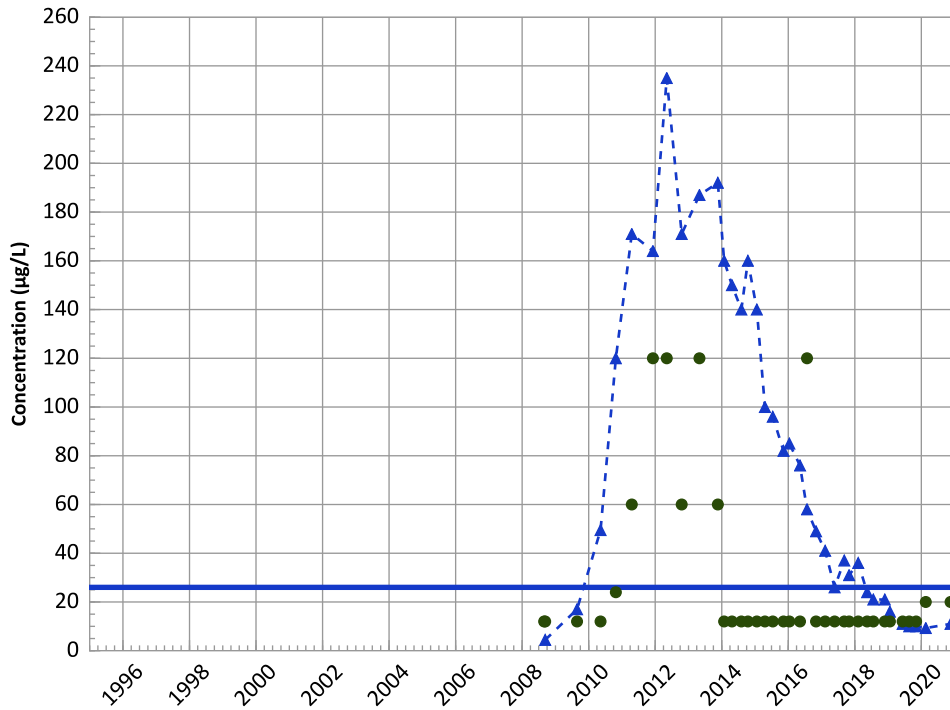
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

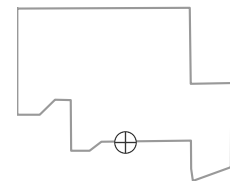
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Well Location

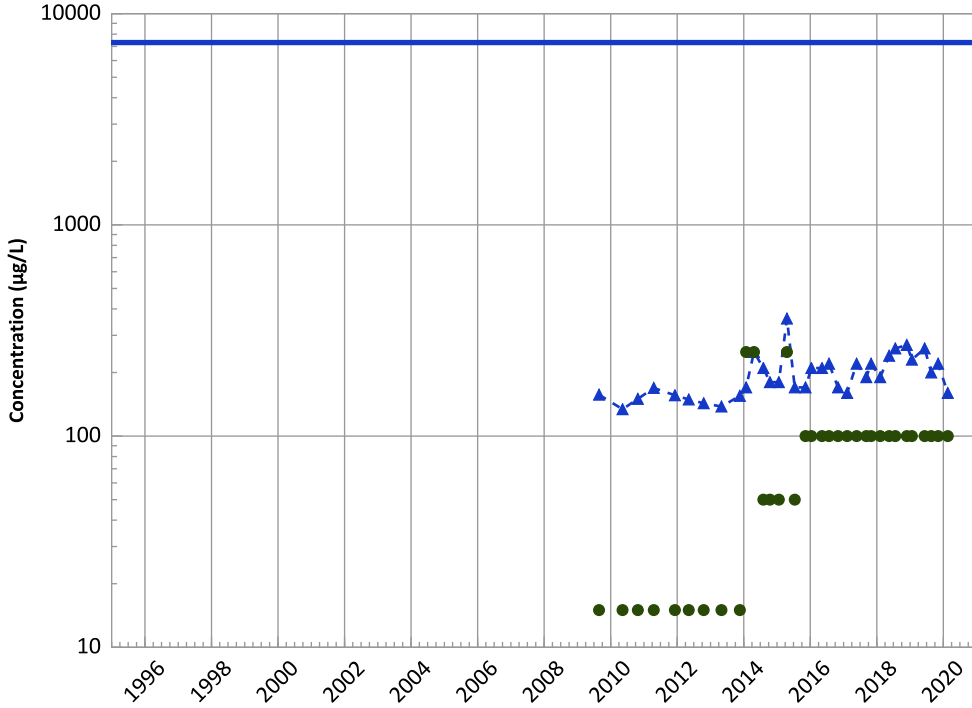


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

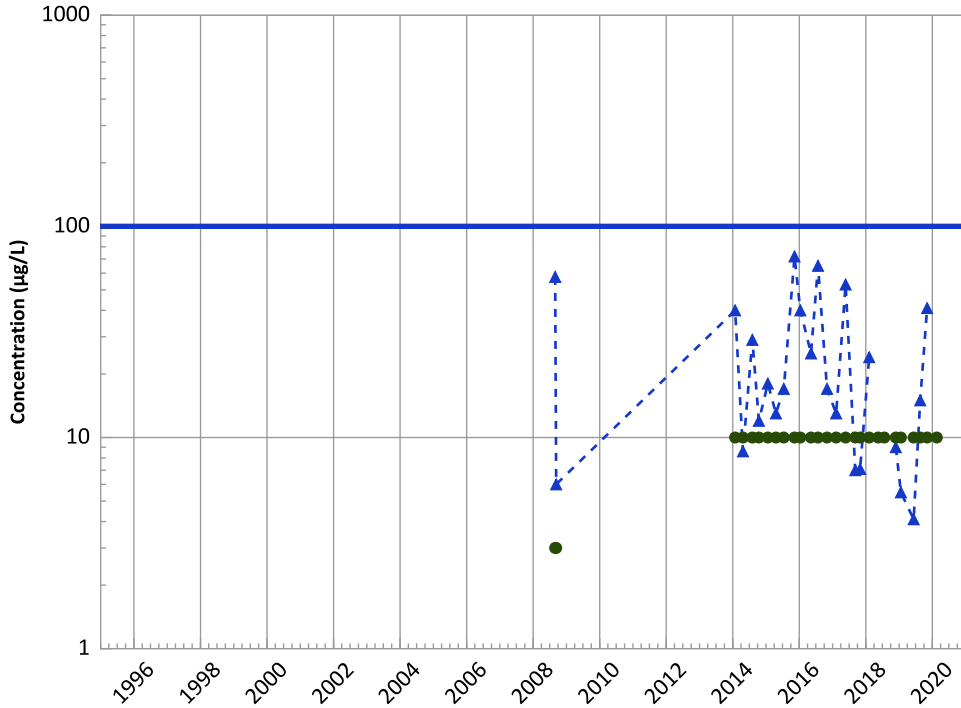
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

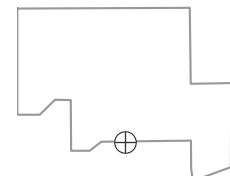
2018 - 2020 Data:

Increasing

All Data:

Stable

Well Location

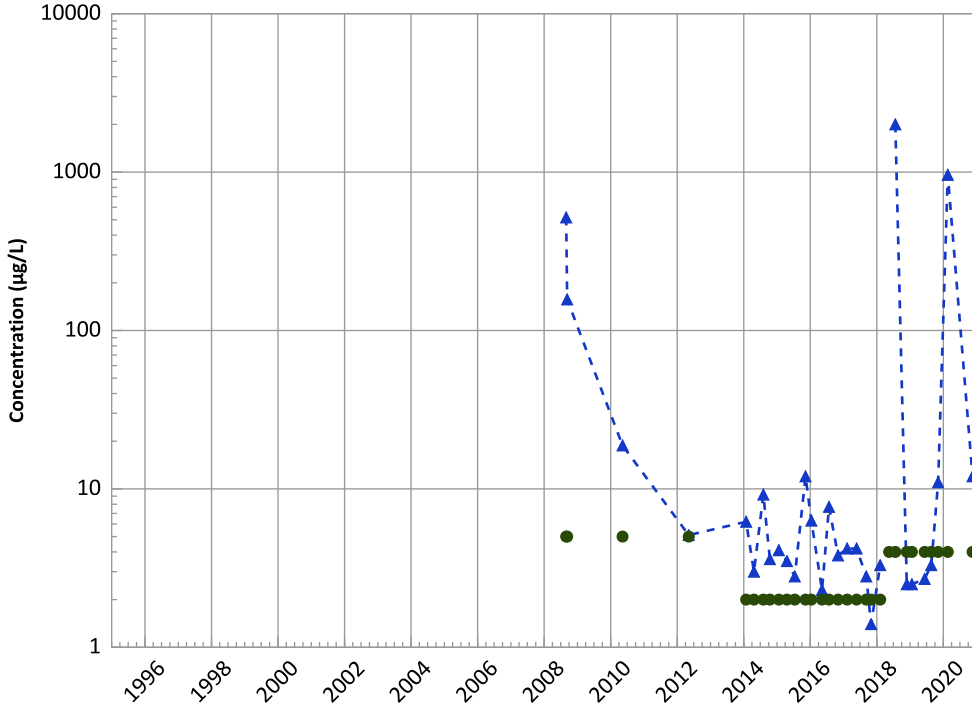


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

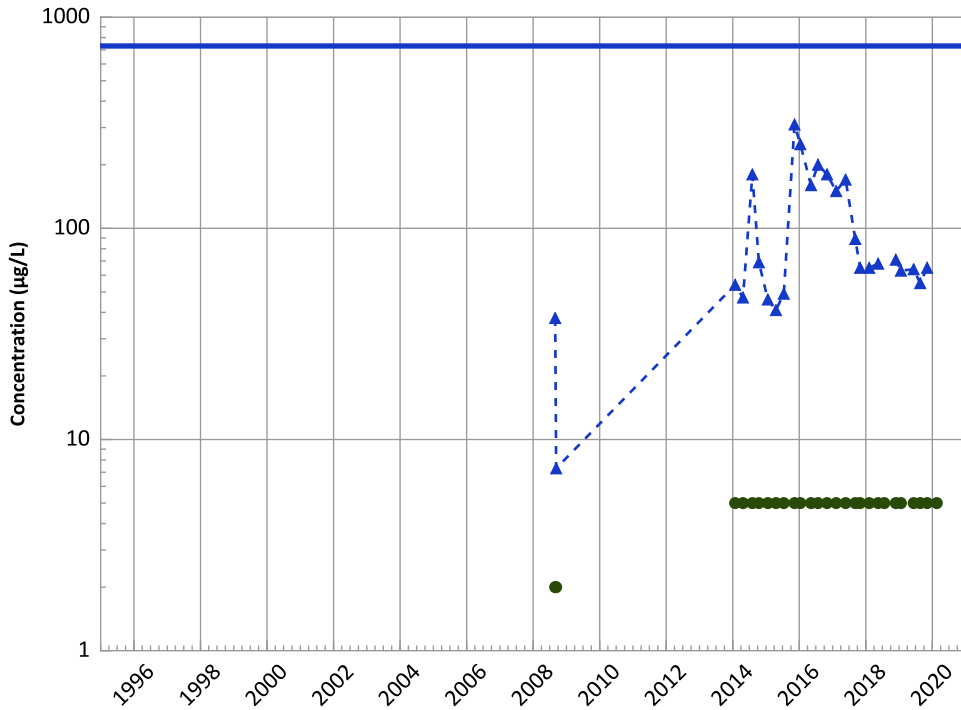
2018 - 2020 Data:

No Trend

All Data:

No Trend

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

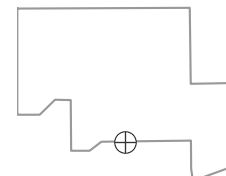
All Data:

Increasing

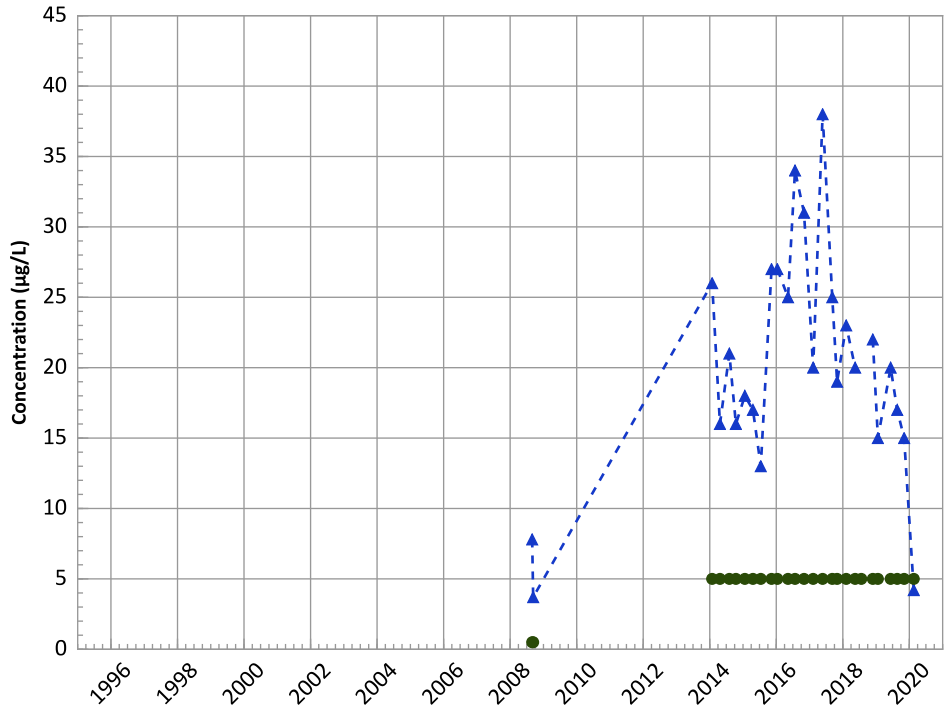
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

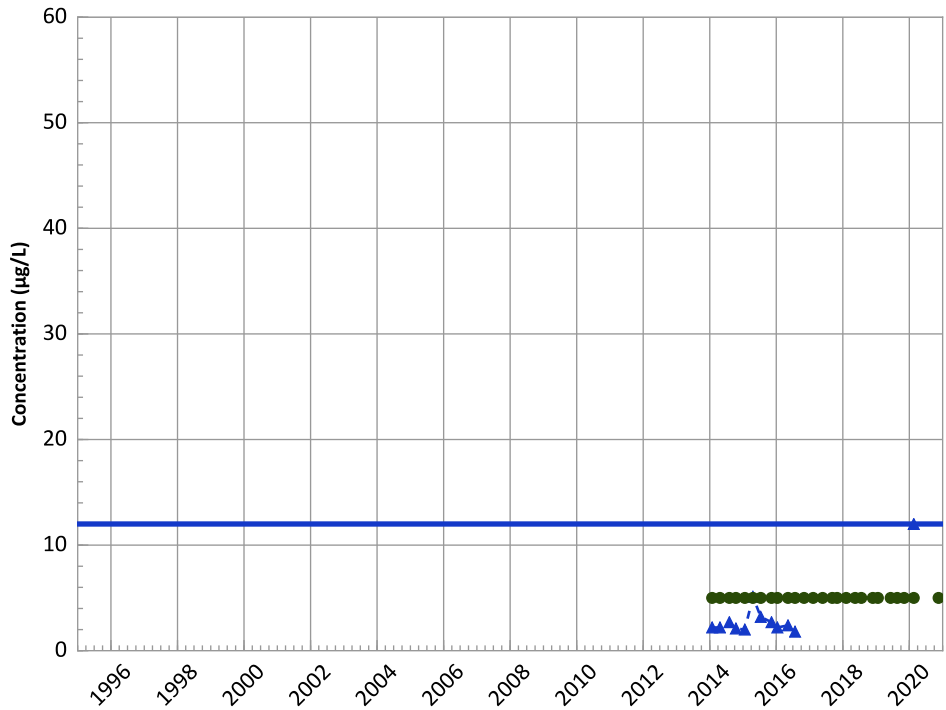


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Arsenic Trend

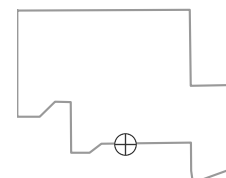


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Well Location

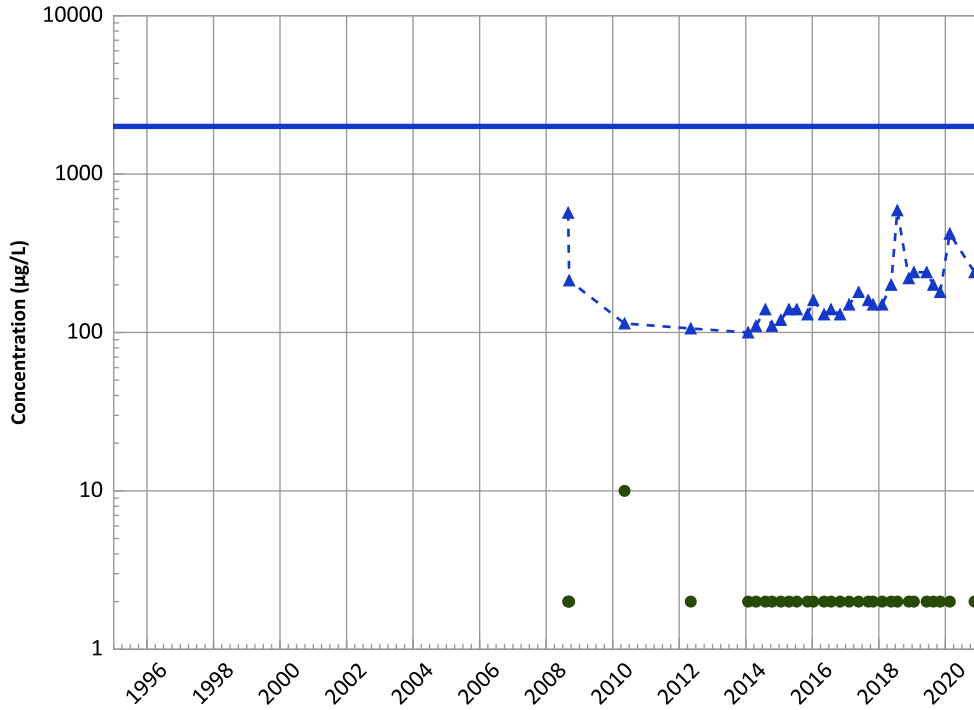


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

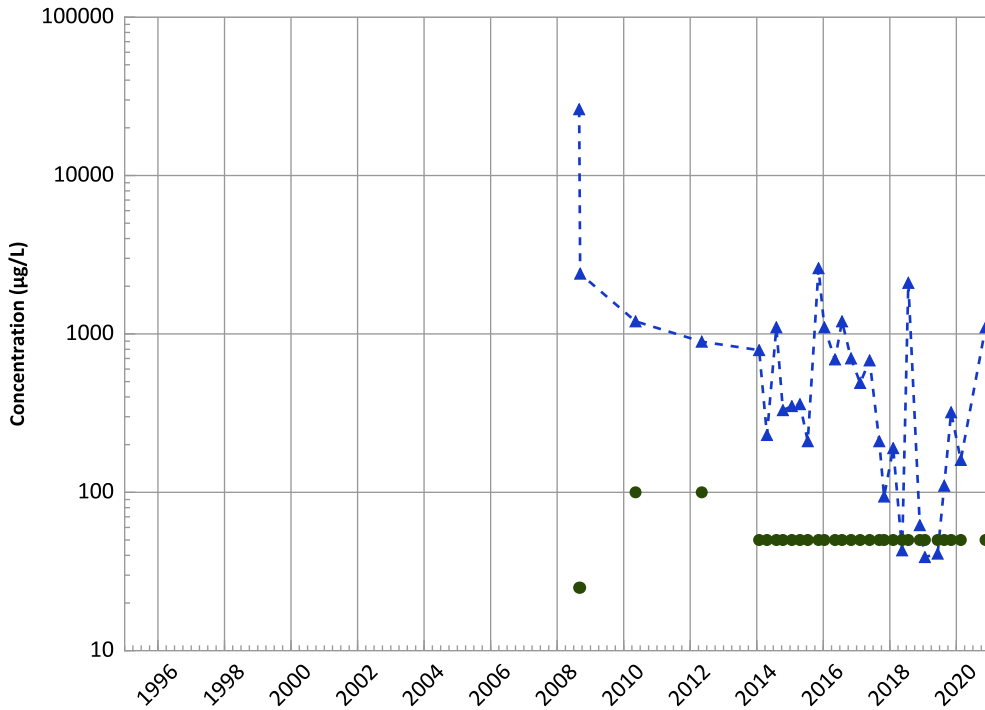
2018 - 2020 Data:

No Trend

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

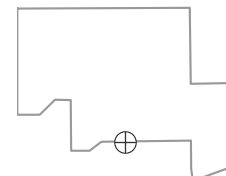
2018 - 2020 Data:

No Trend

All Data:

Decreasing

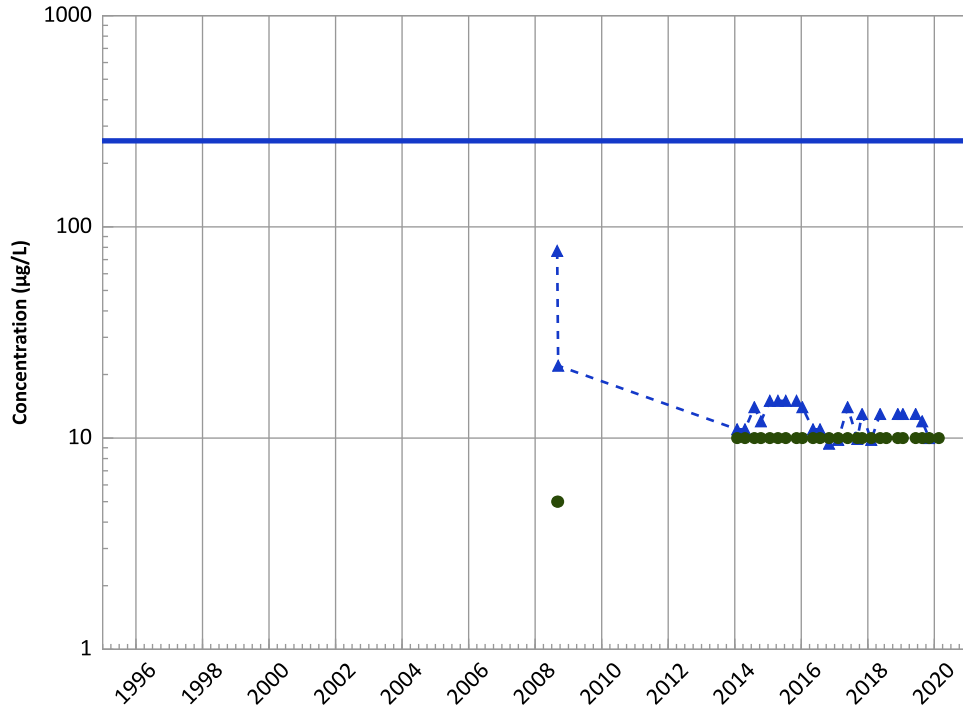
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

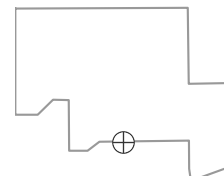
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

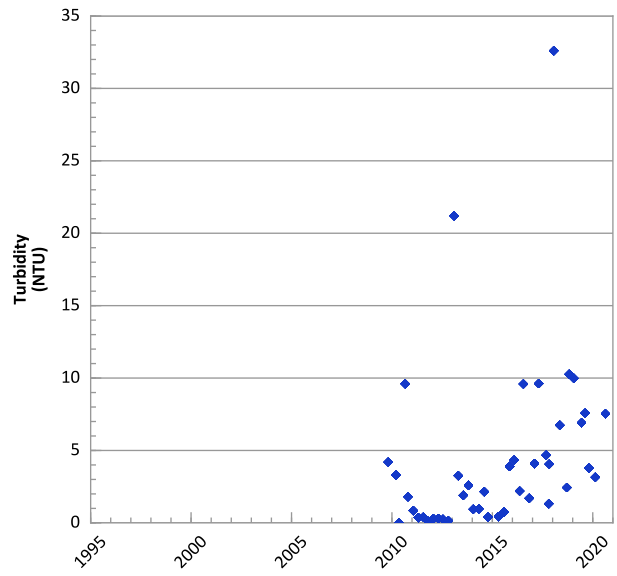
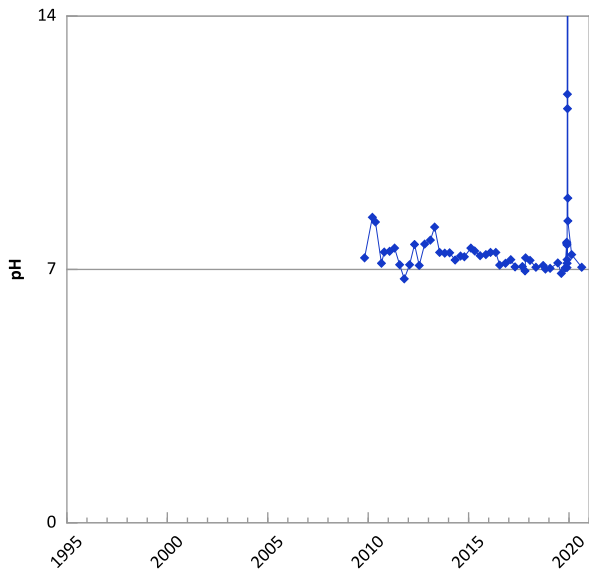
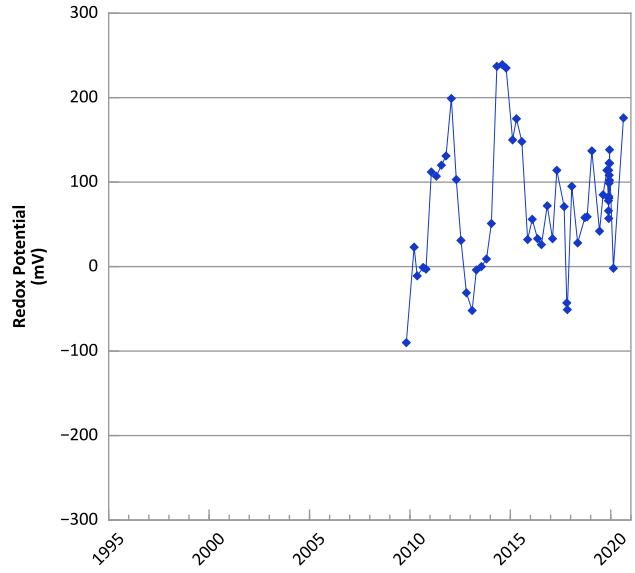
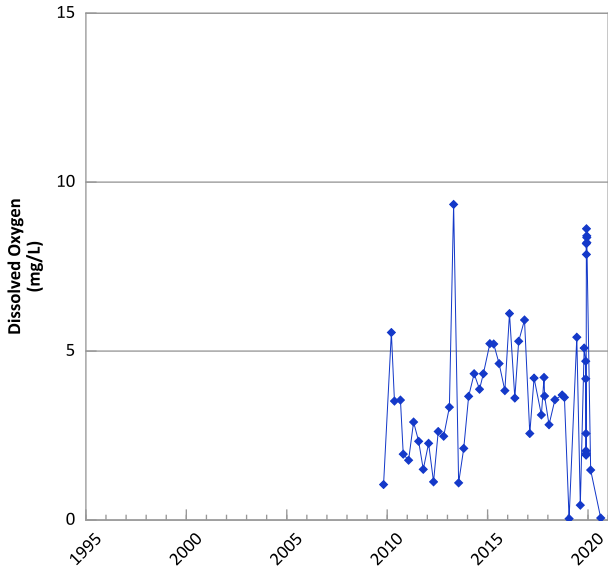
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

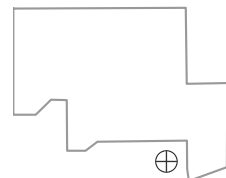


**PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



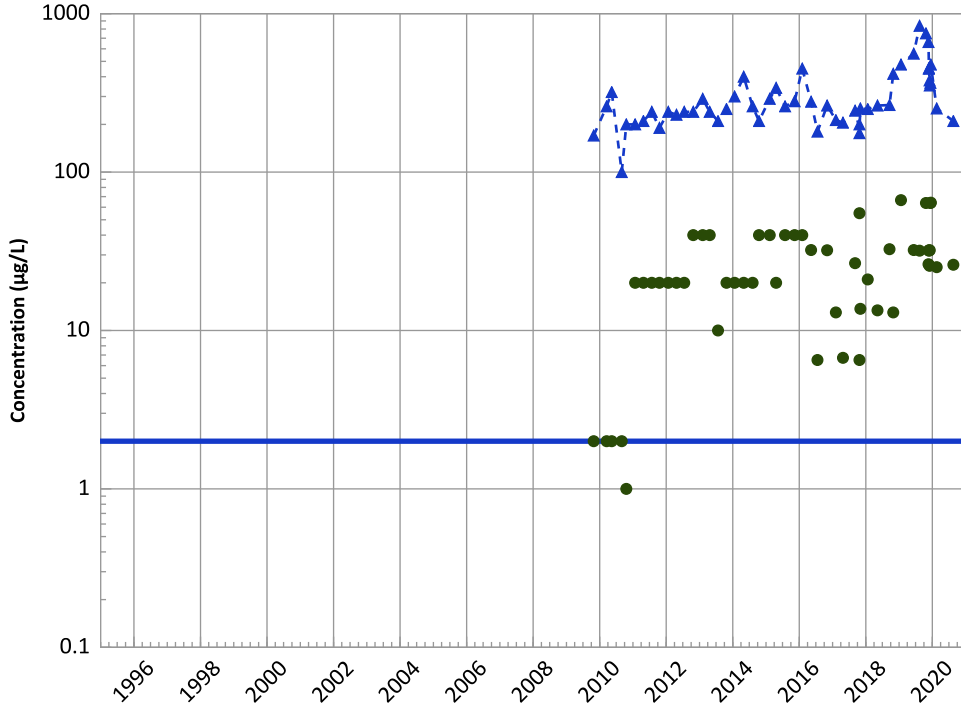
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/27/2009 to 08/19/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

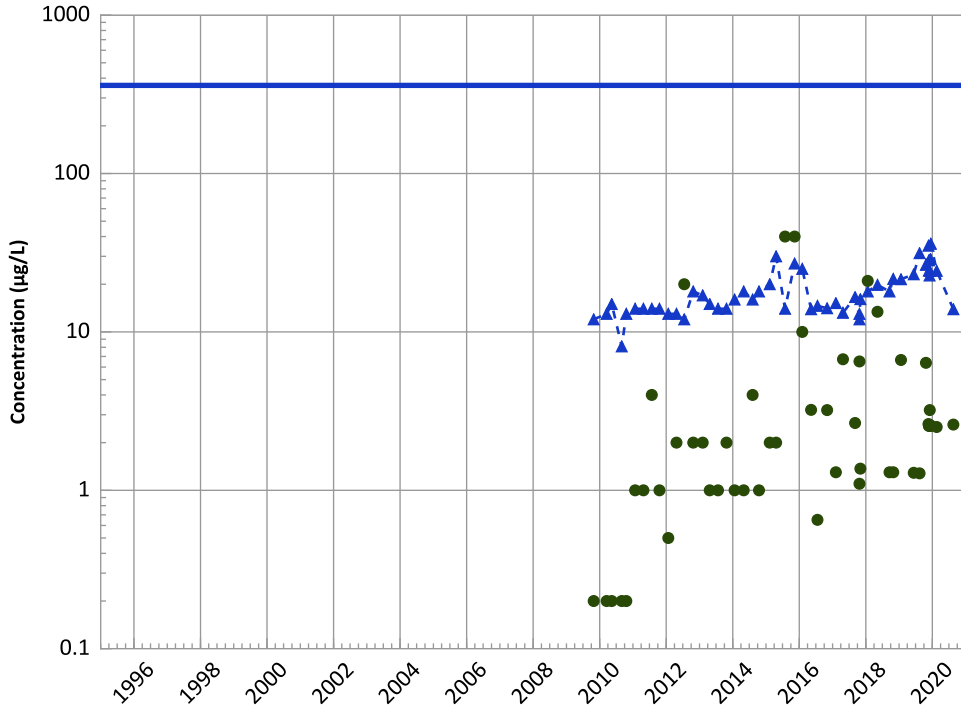
2018 - 2020 Data:

Stable

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

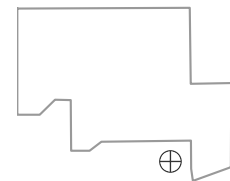
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

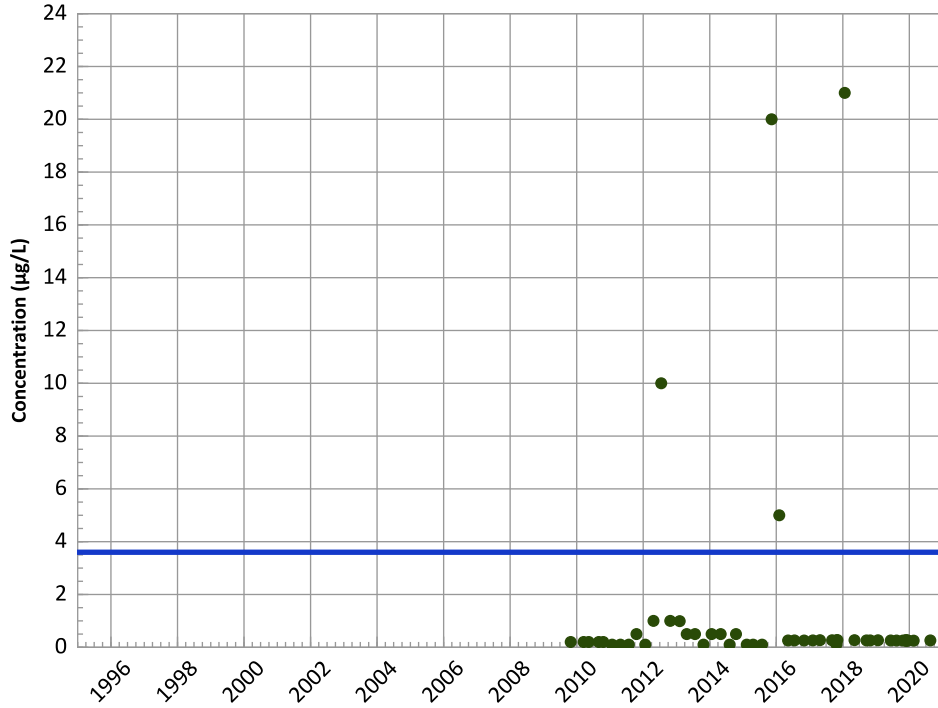


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

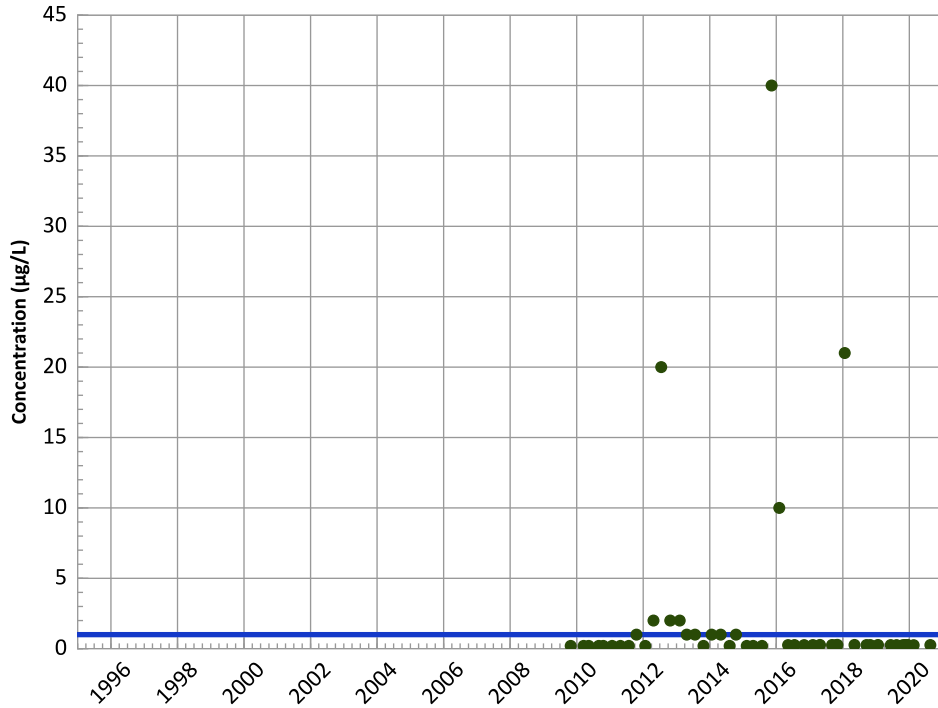
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

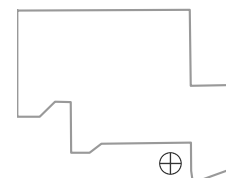
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

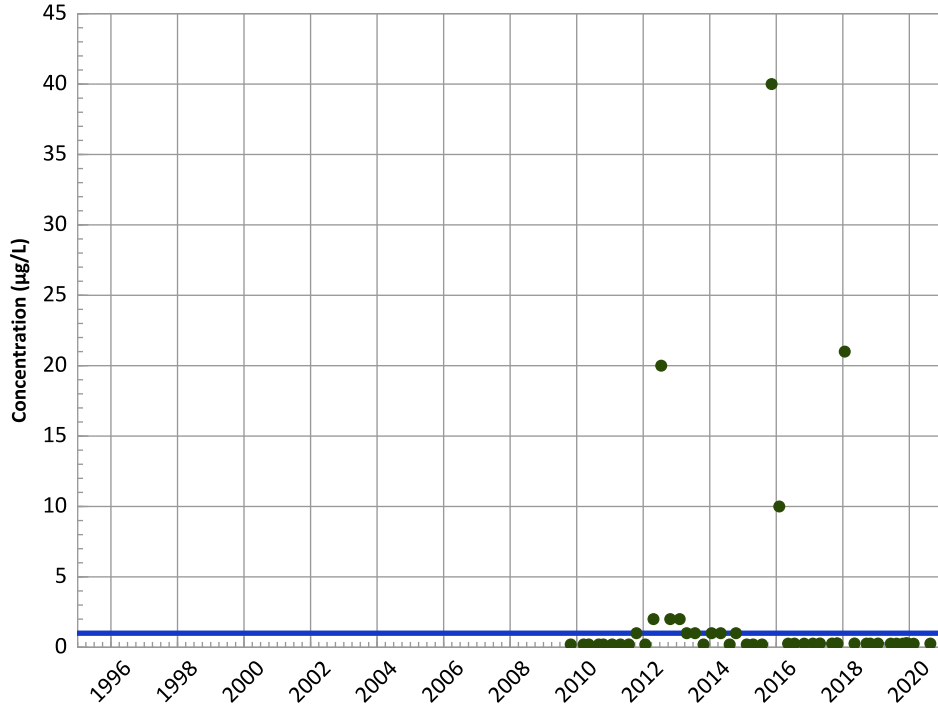
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

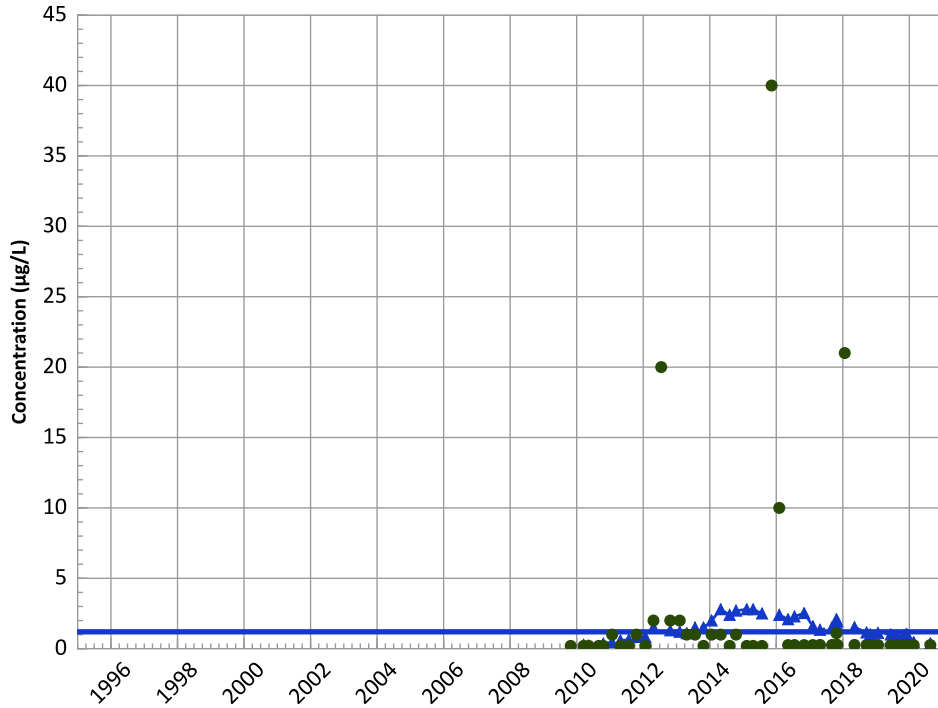
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

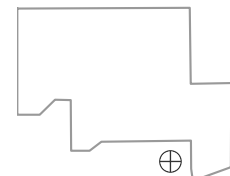
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

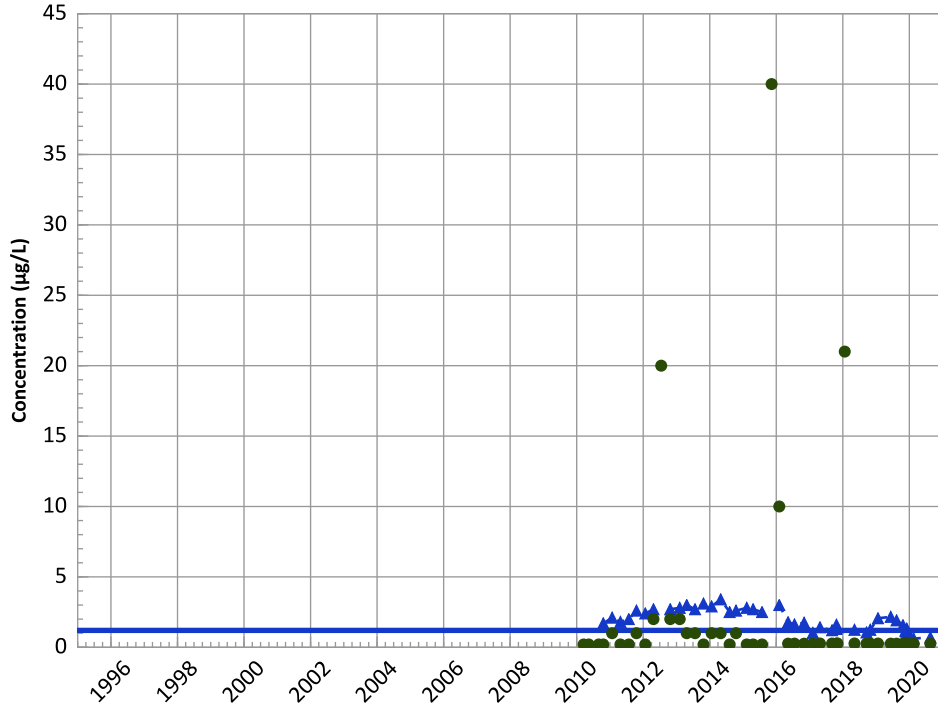
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

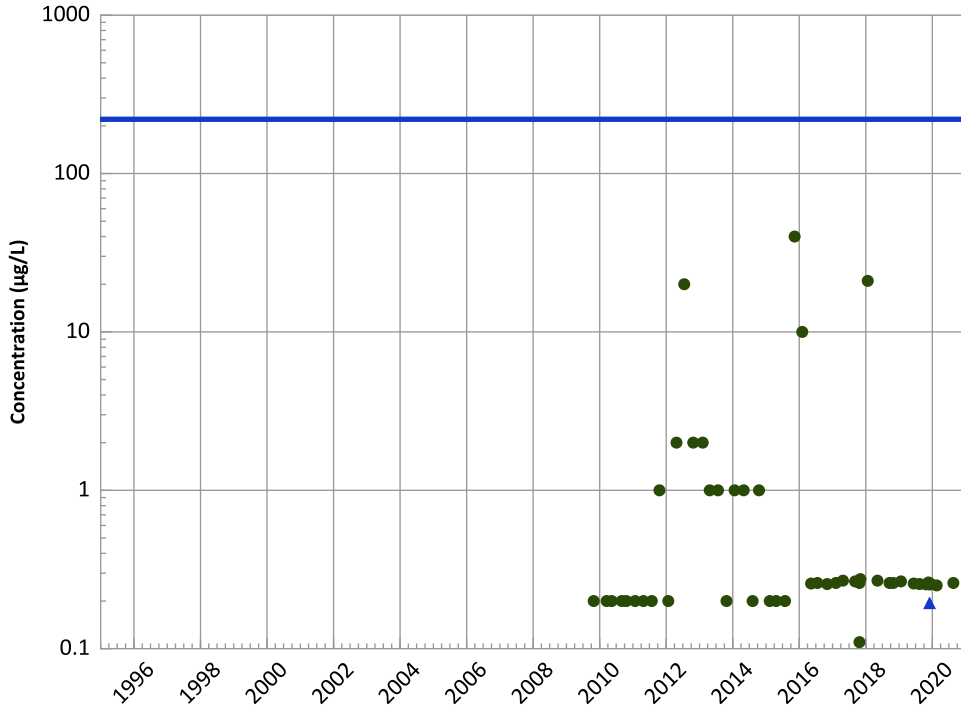
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

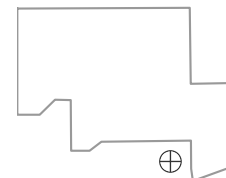
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

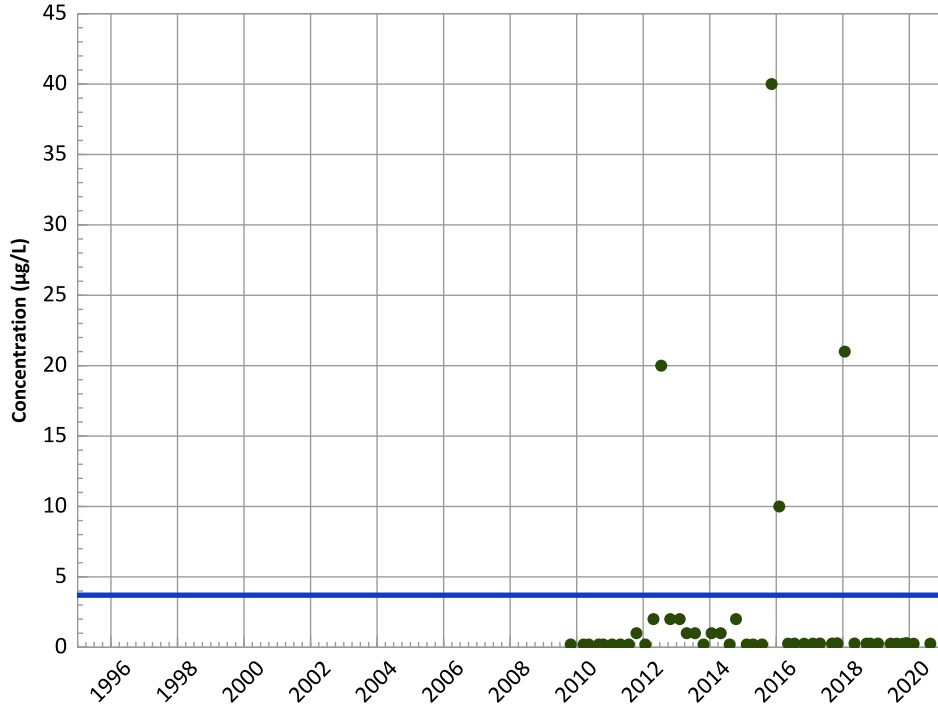
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

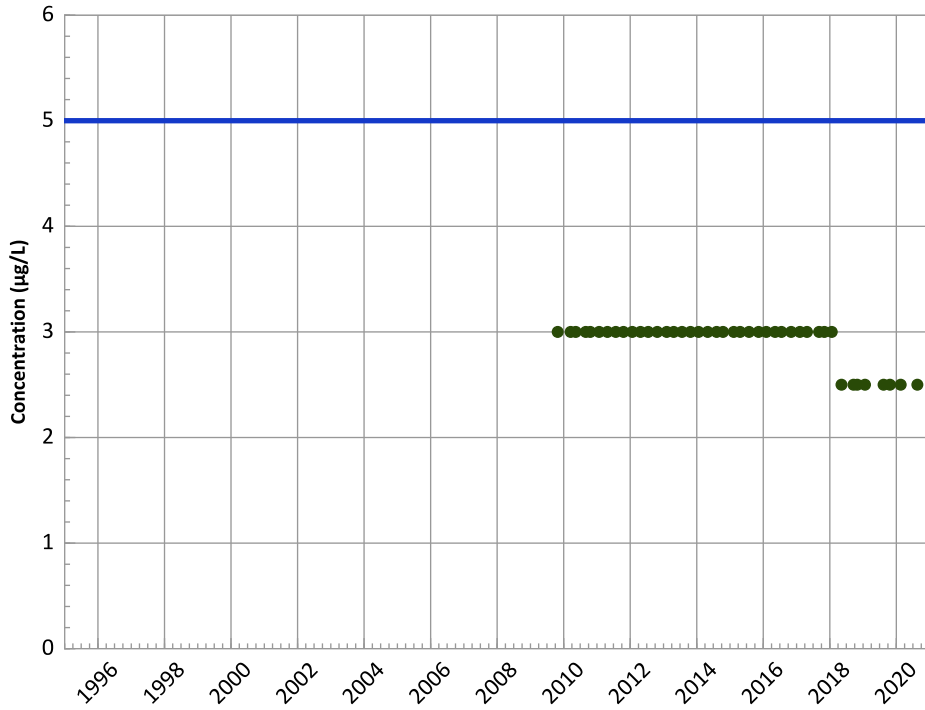
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

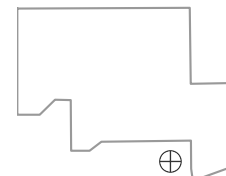
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

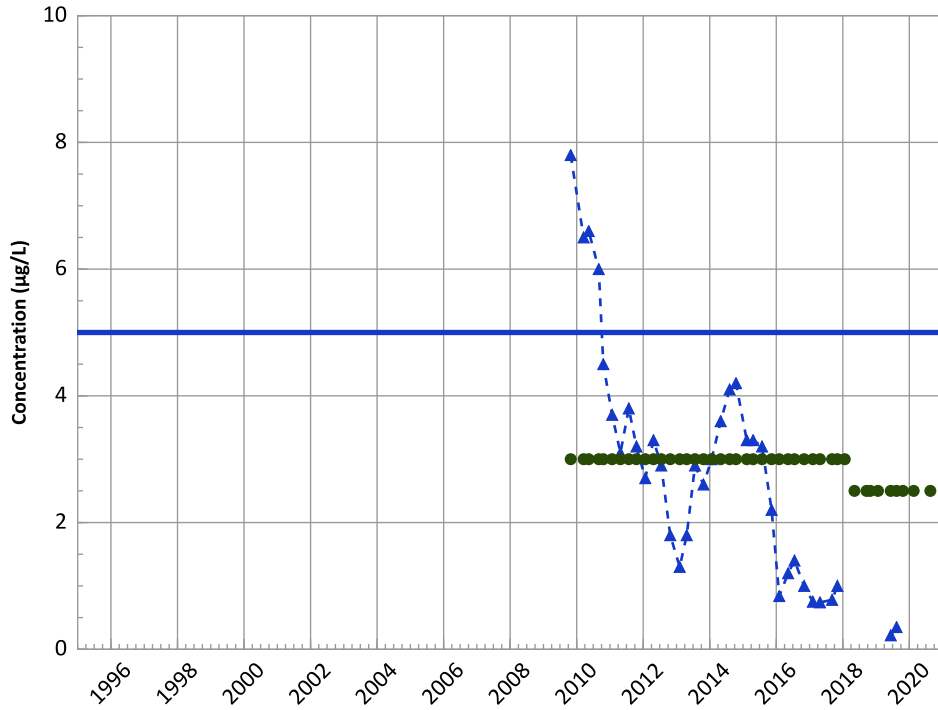
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

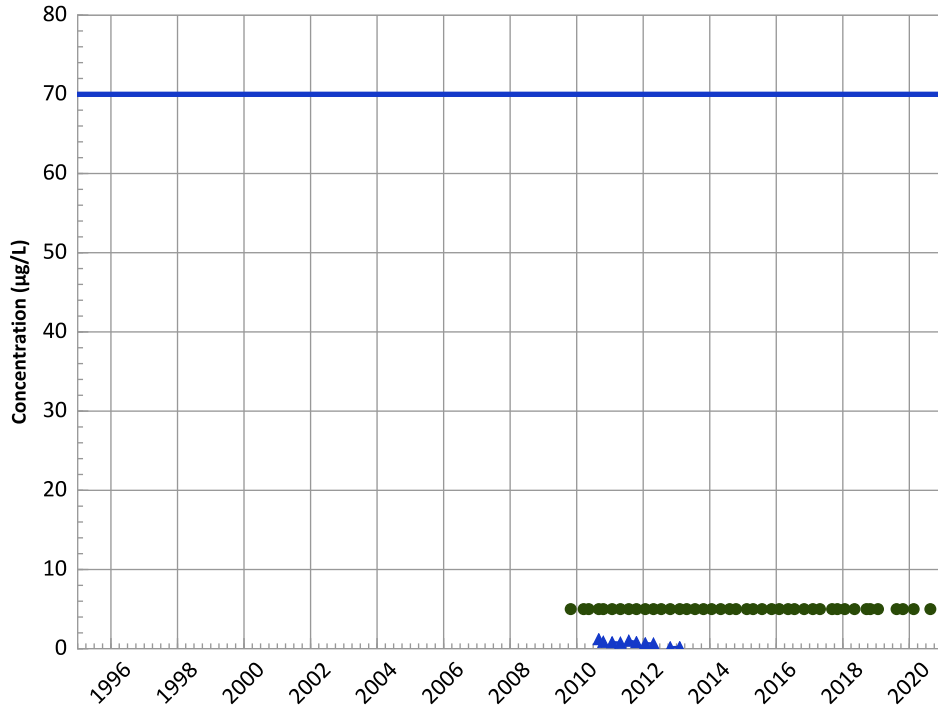


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

cis-1,2-Dichloroethene Trend

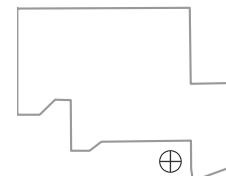


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

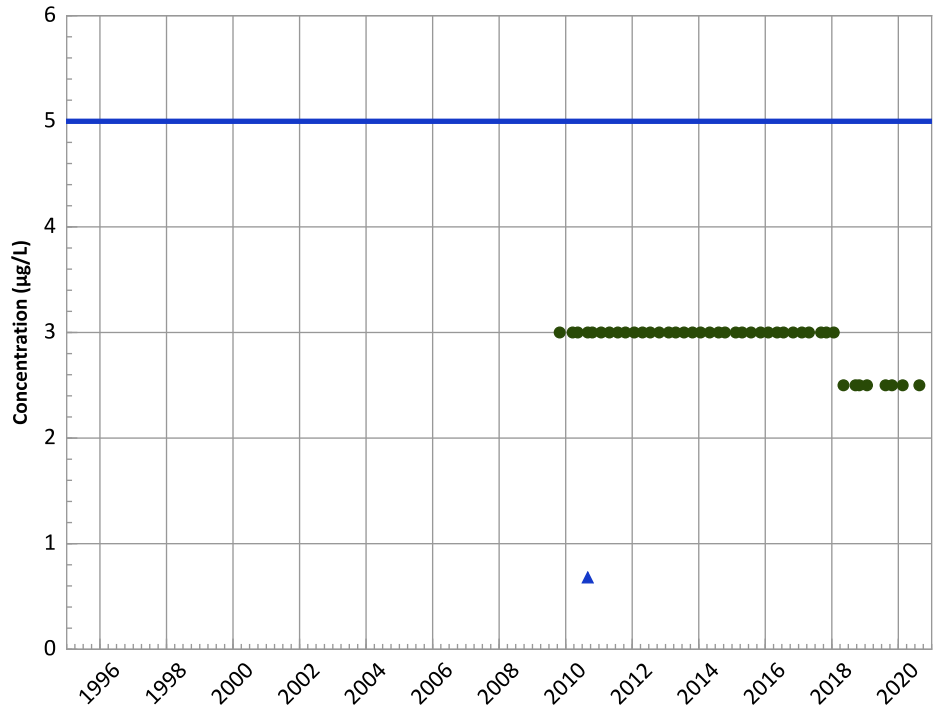
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

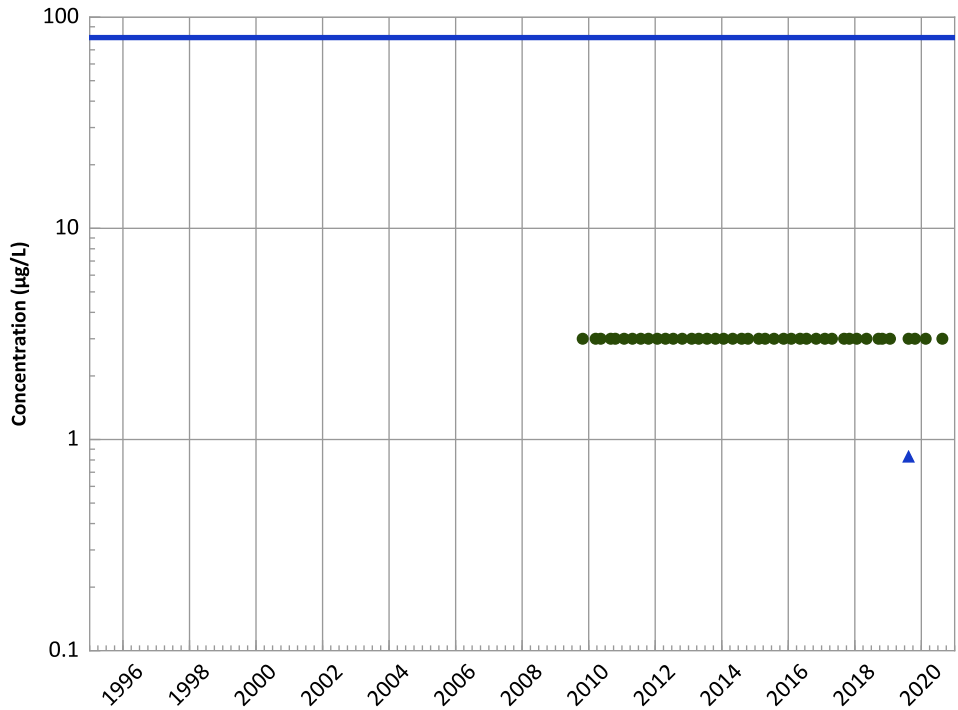


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

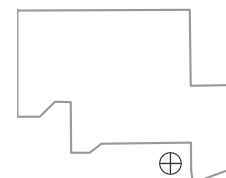


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

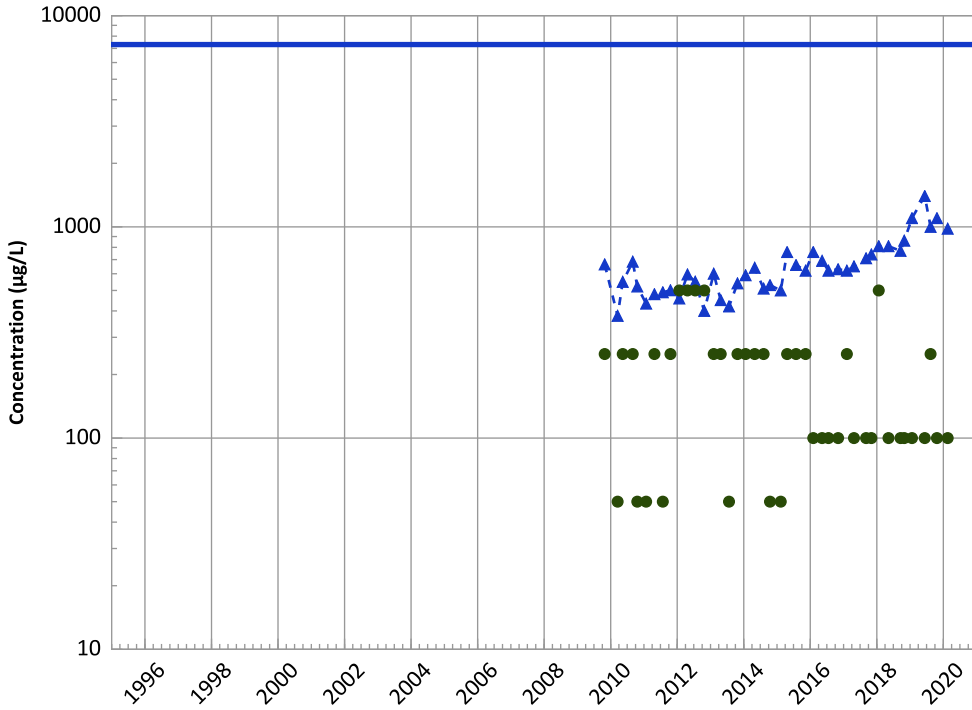
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

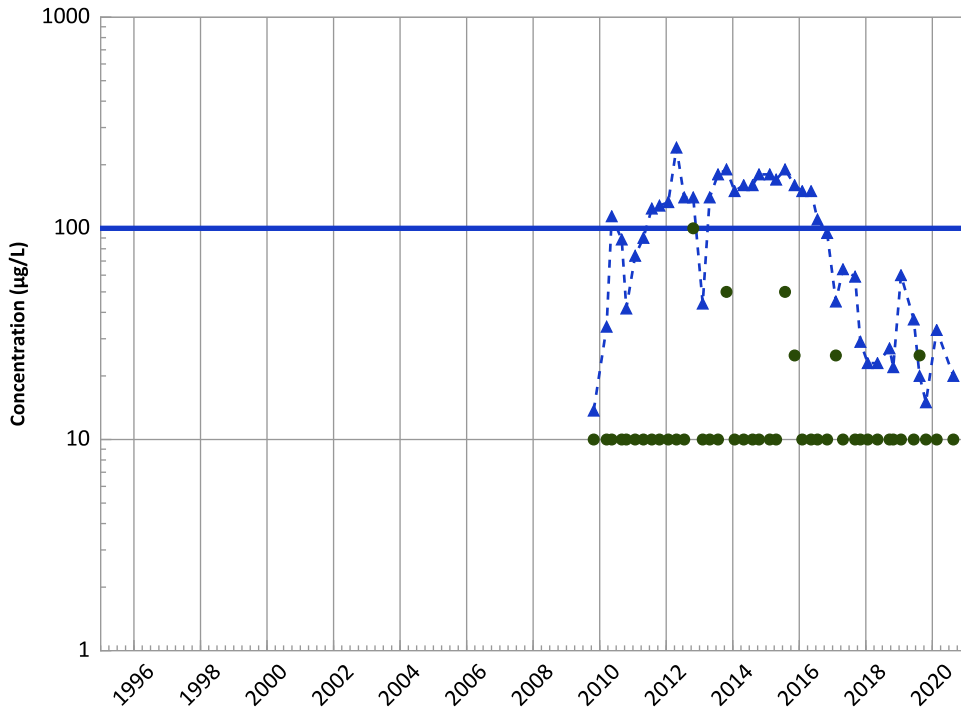
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

All Data:
Decreasing

MAROS Linear Regression Method

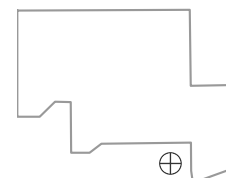
2018 - 2020 Data:
No Trend

All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

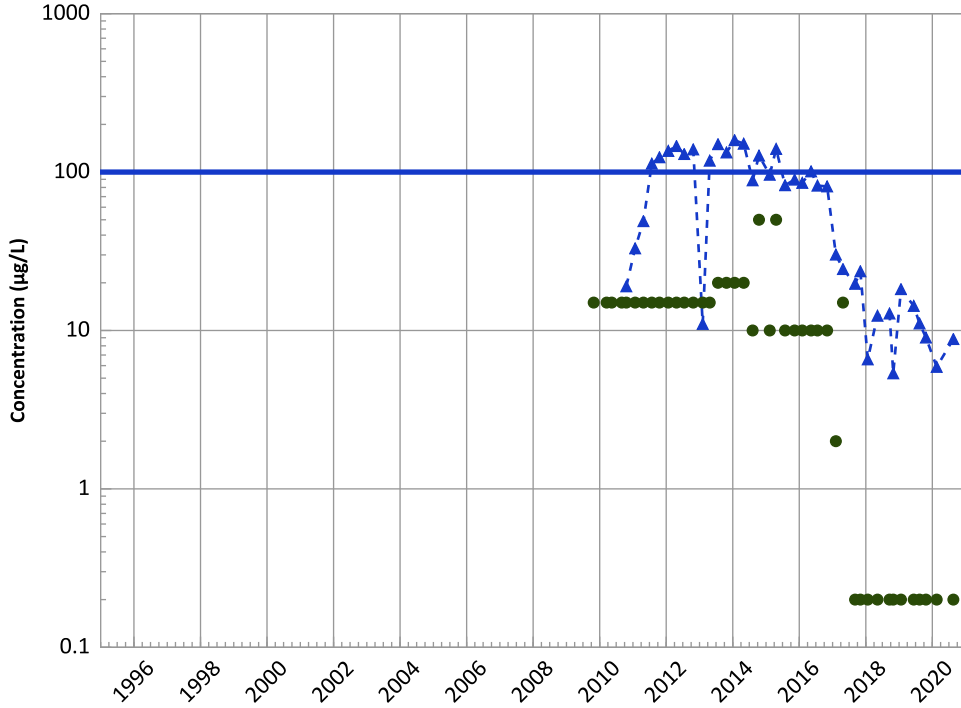
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

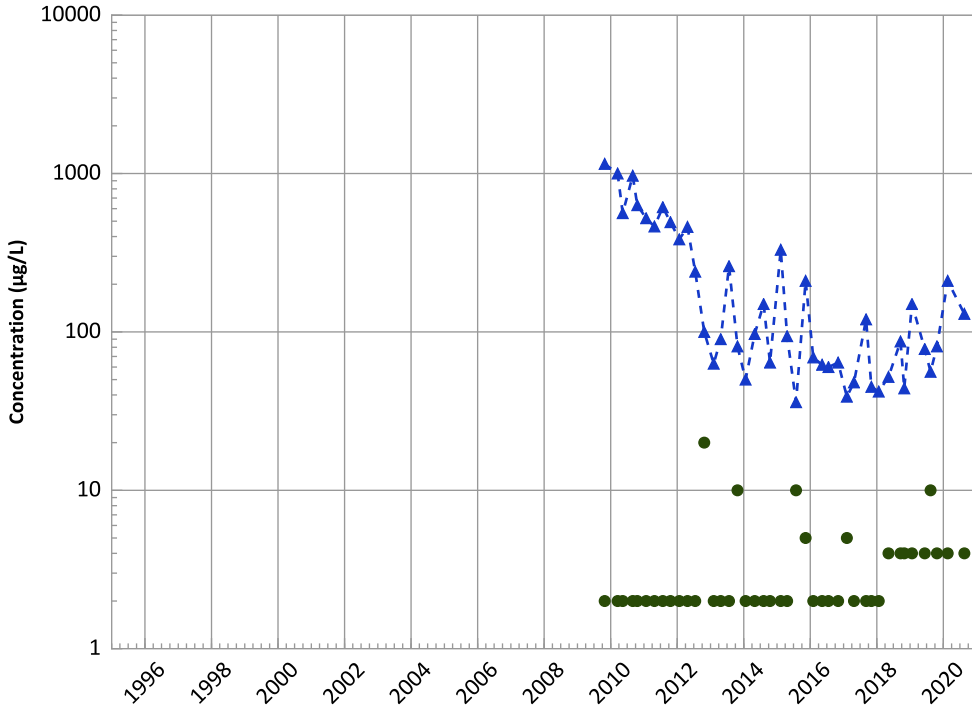
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

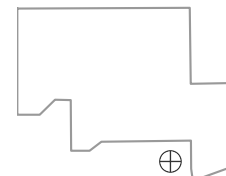
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

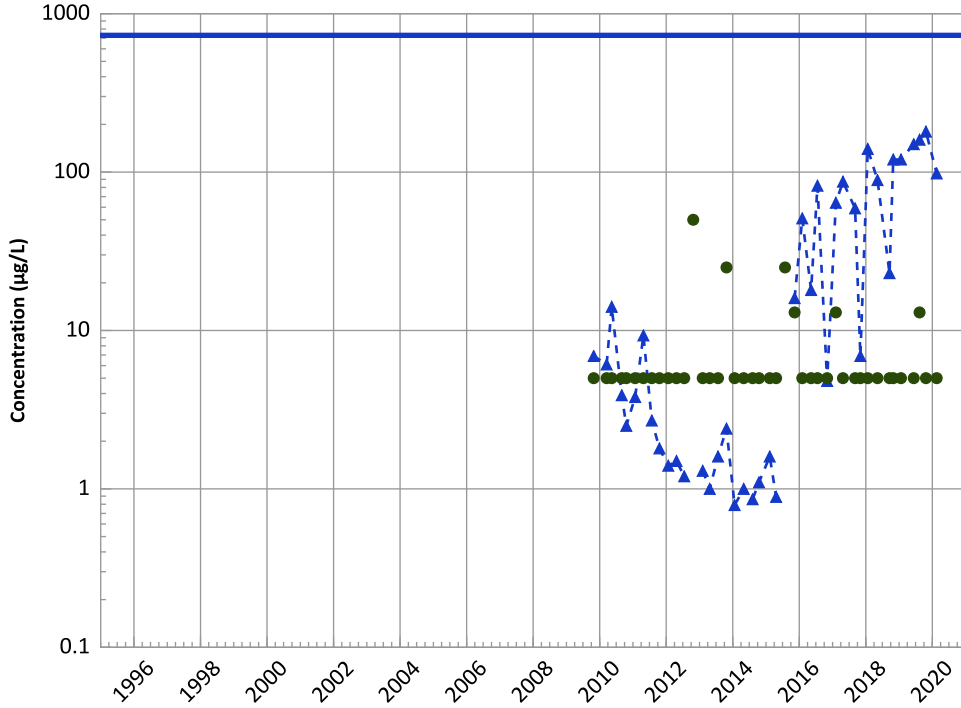
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

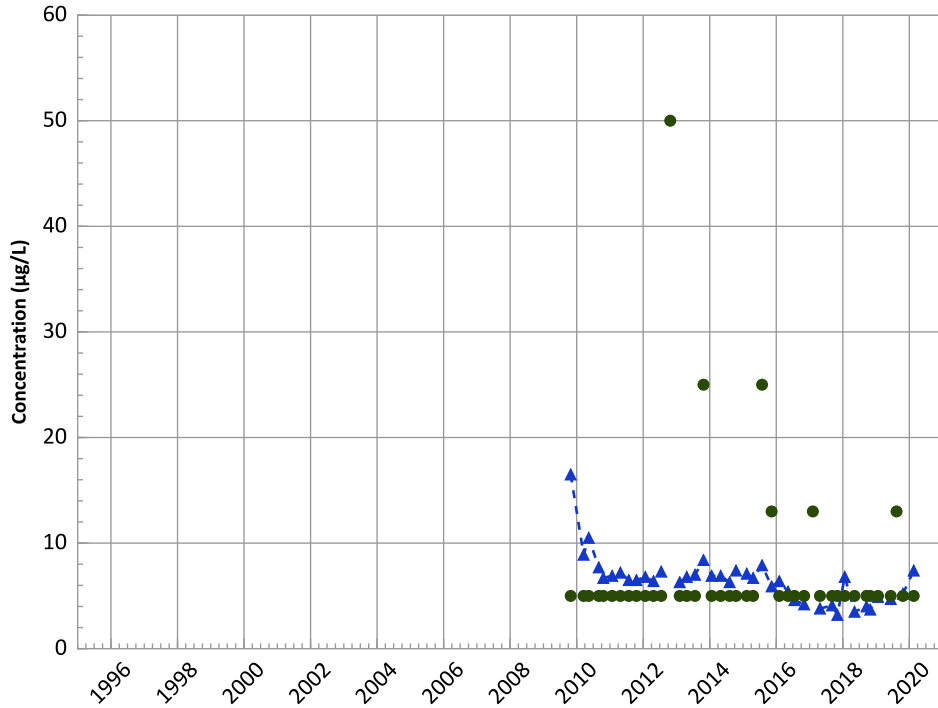
2018 - 2020 Data:

Stable

All Data:

Increasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

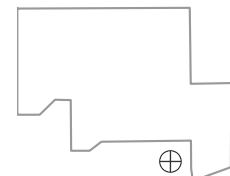
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Well Location

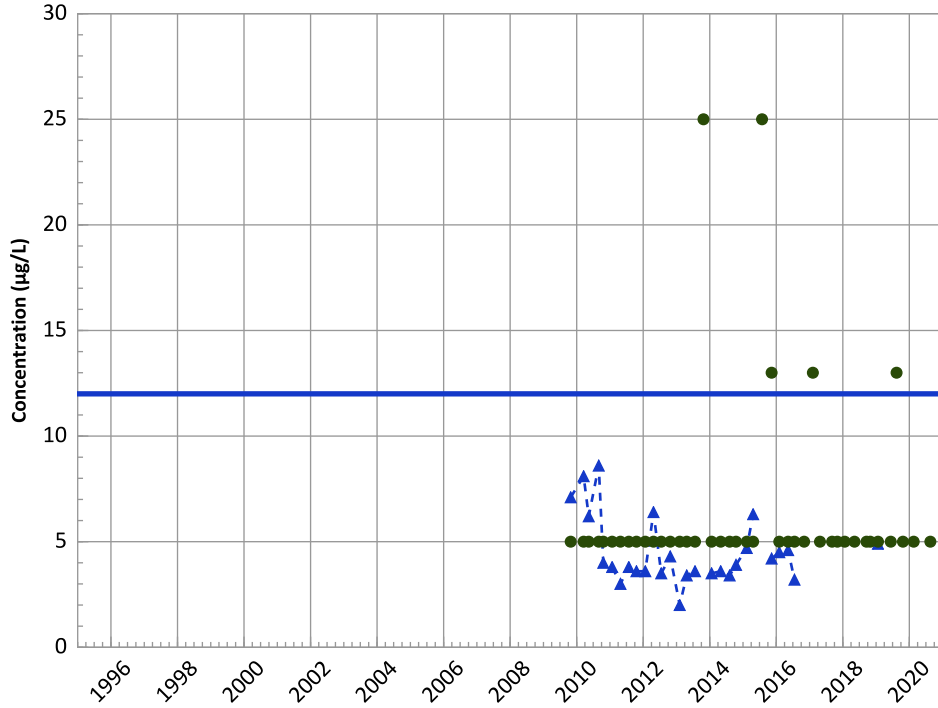


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

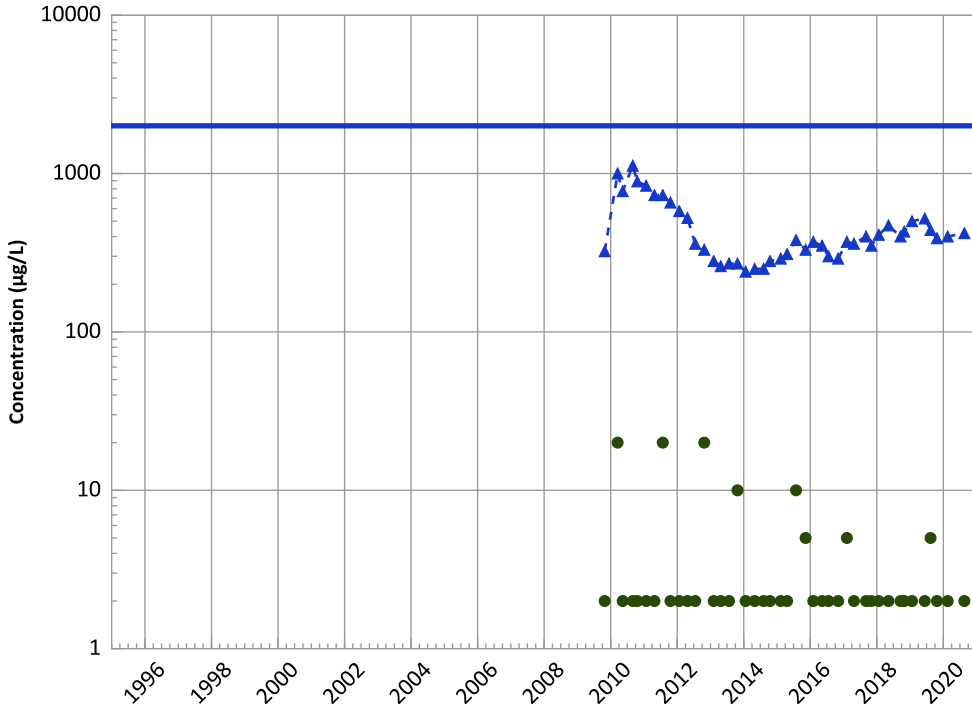


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Stable

Barium Trend

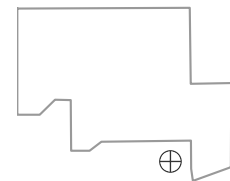


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Well Location

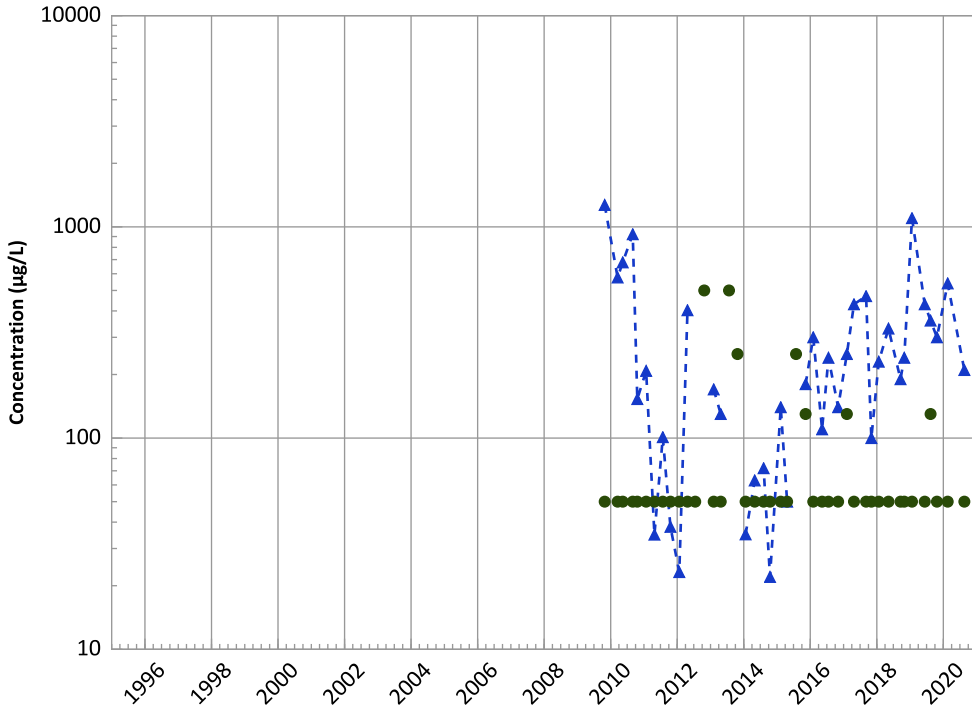


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

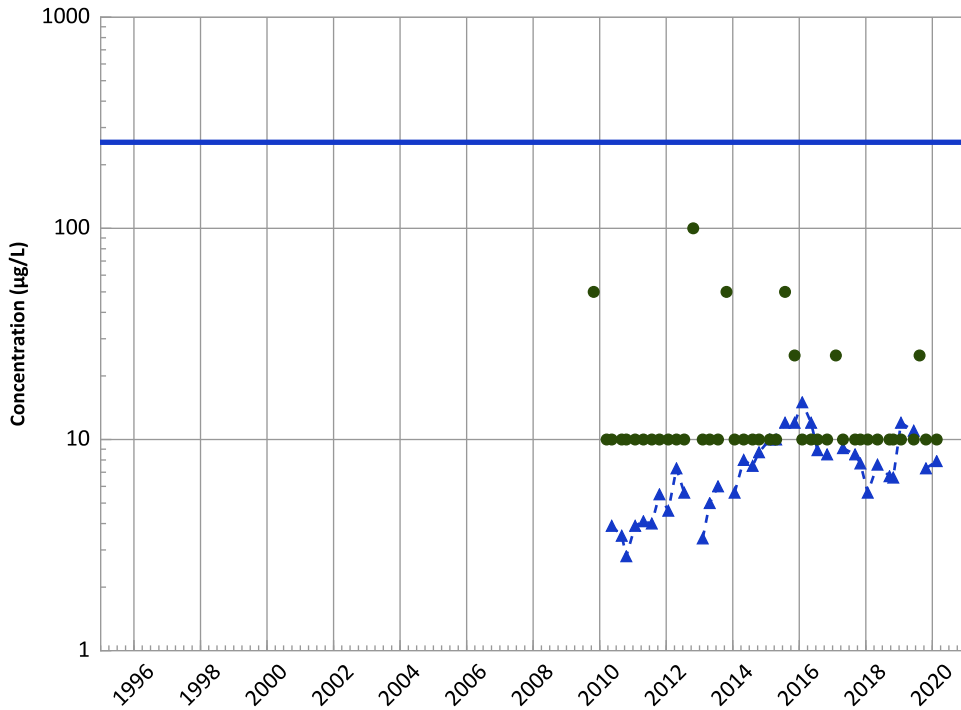
2018 - 2020 Data:

Stable

All Data:

No Trend

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

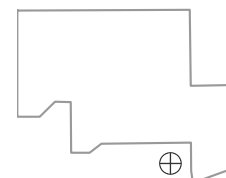
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

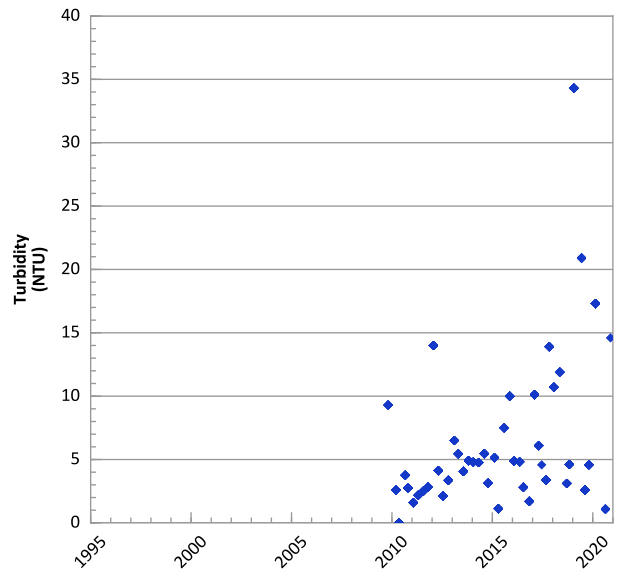
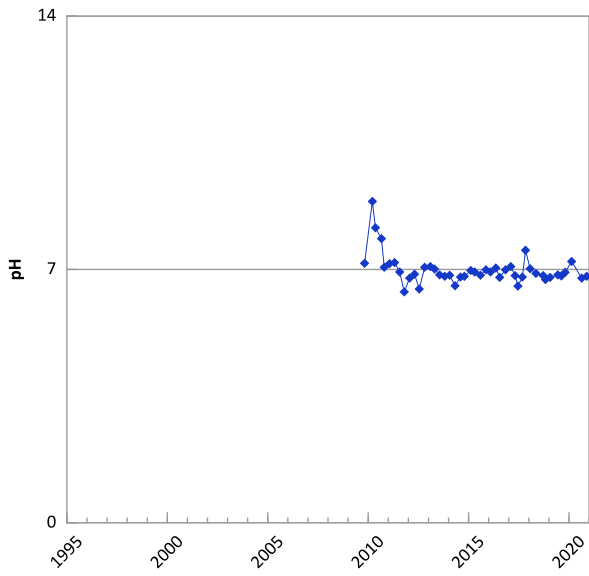
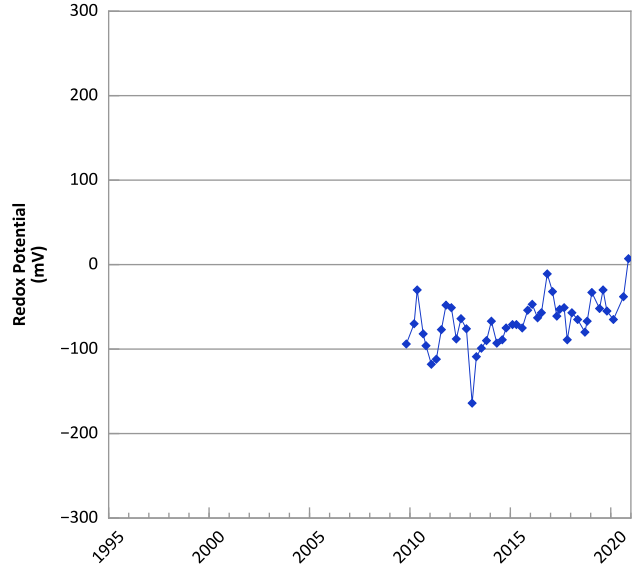
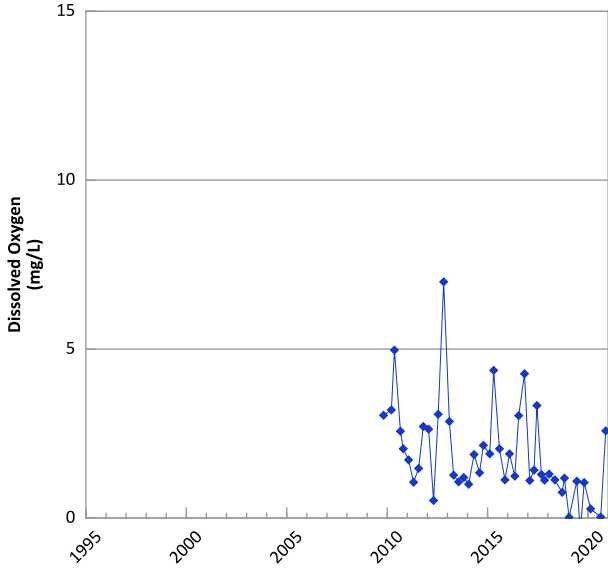
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

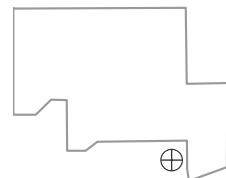
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



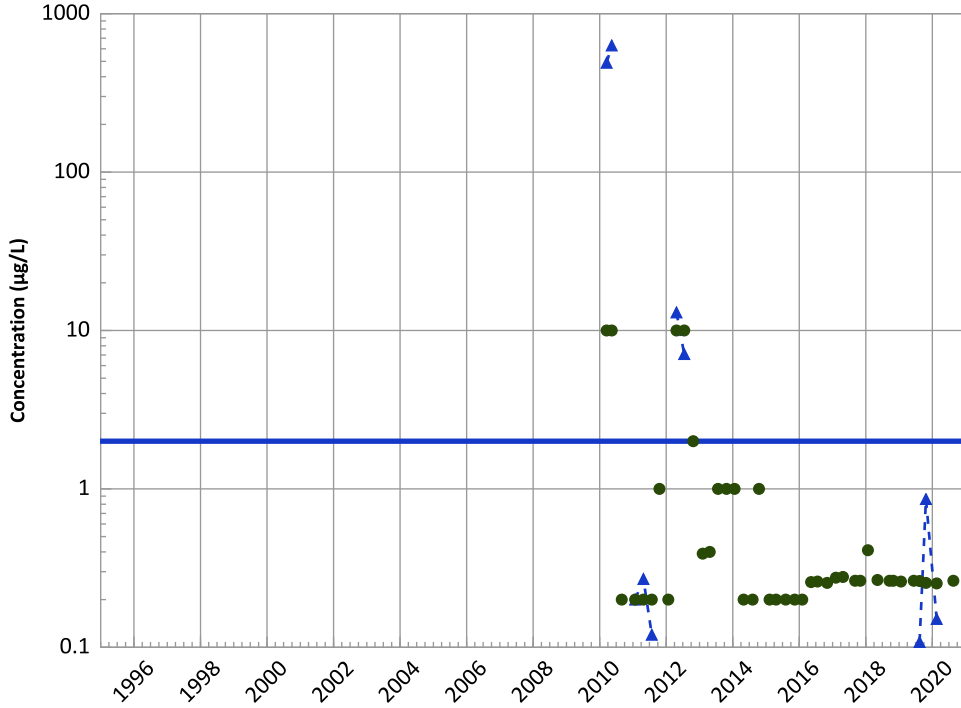
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/27/2009 to 11/18/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

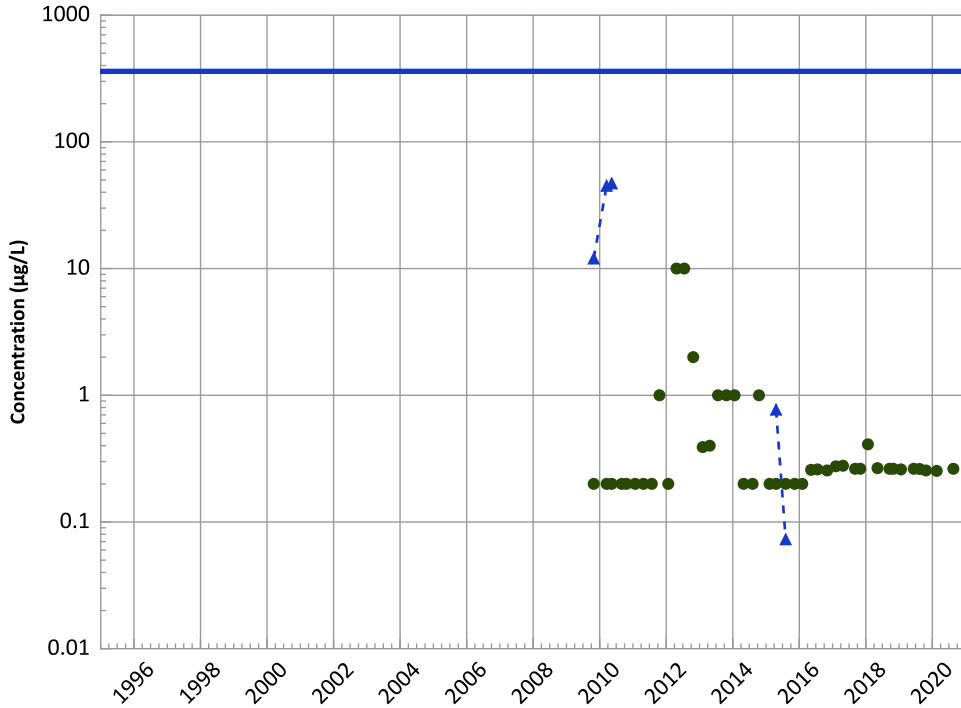


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

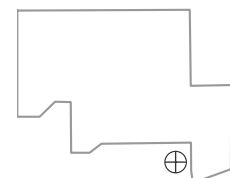


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Probably Decreasing

Well Location

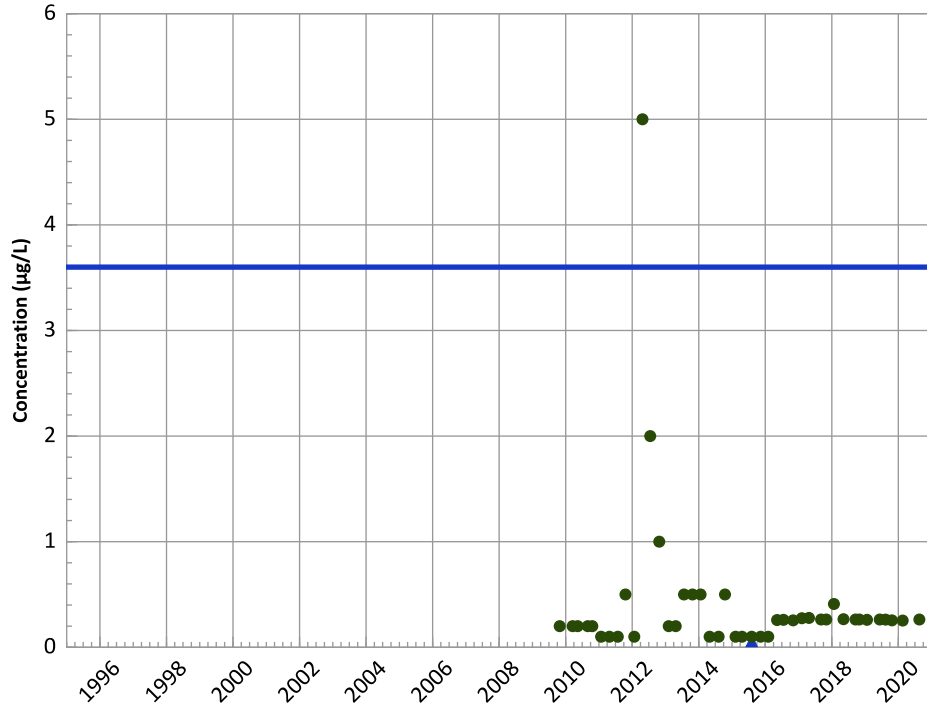


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

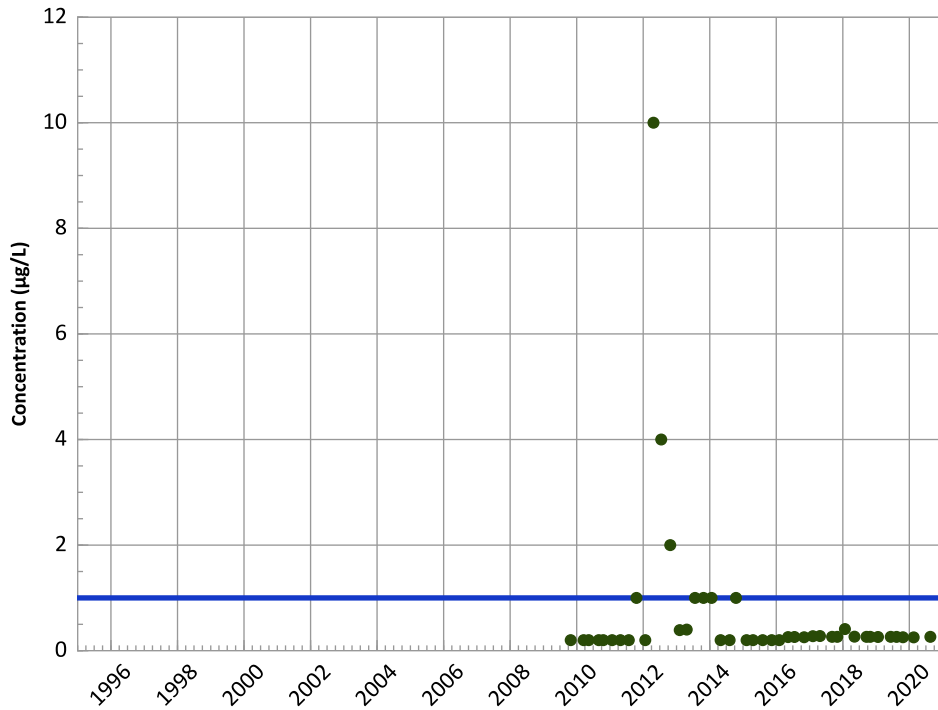


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

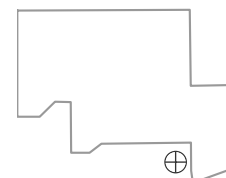
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

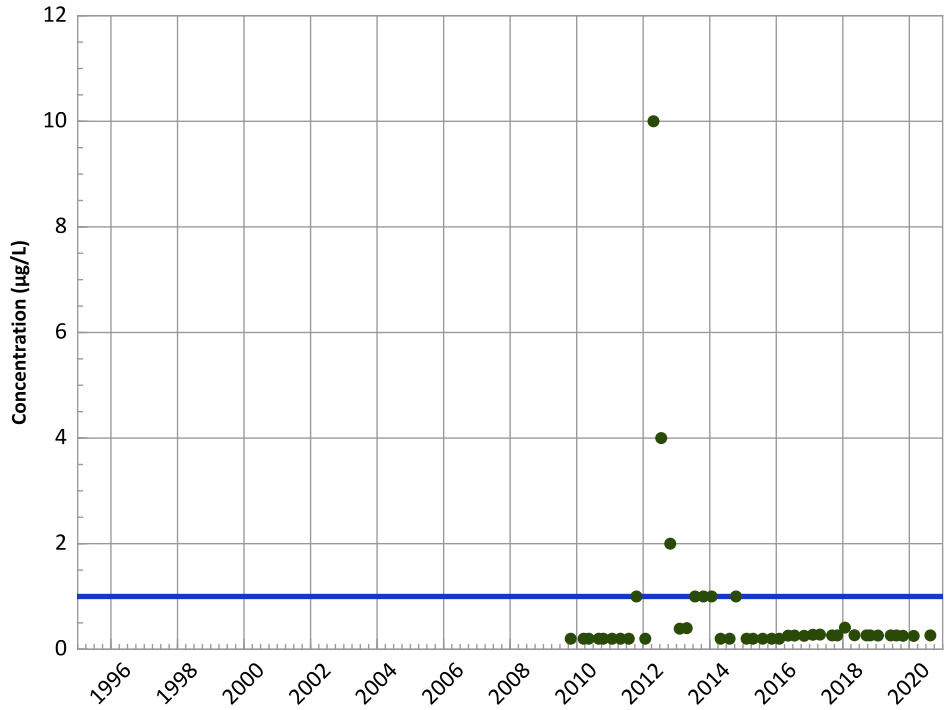
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

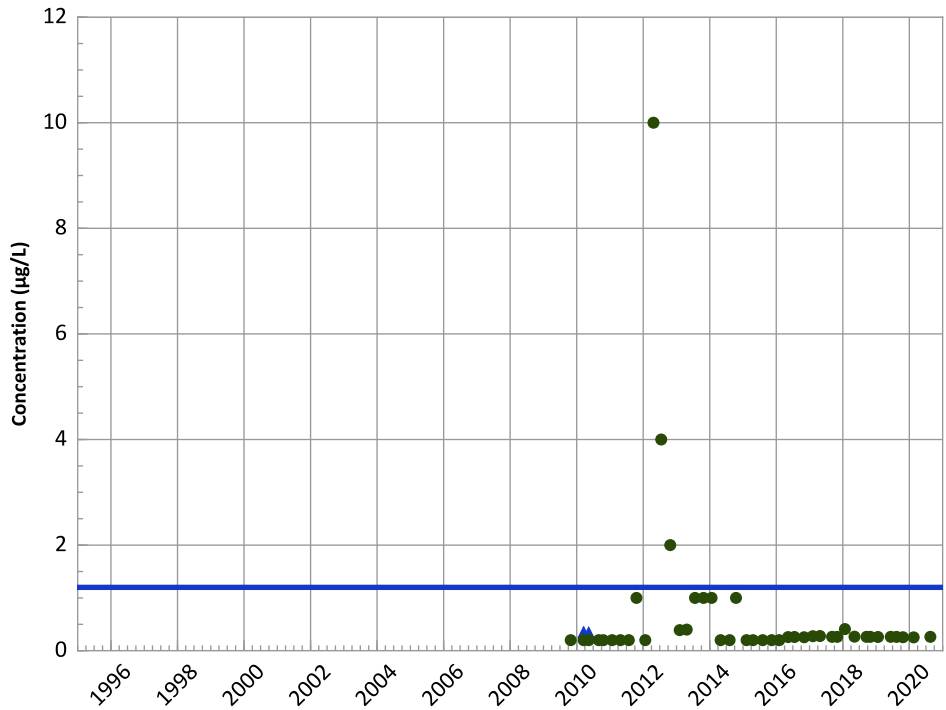
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

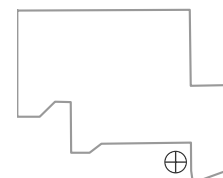
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

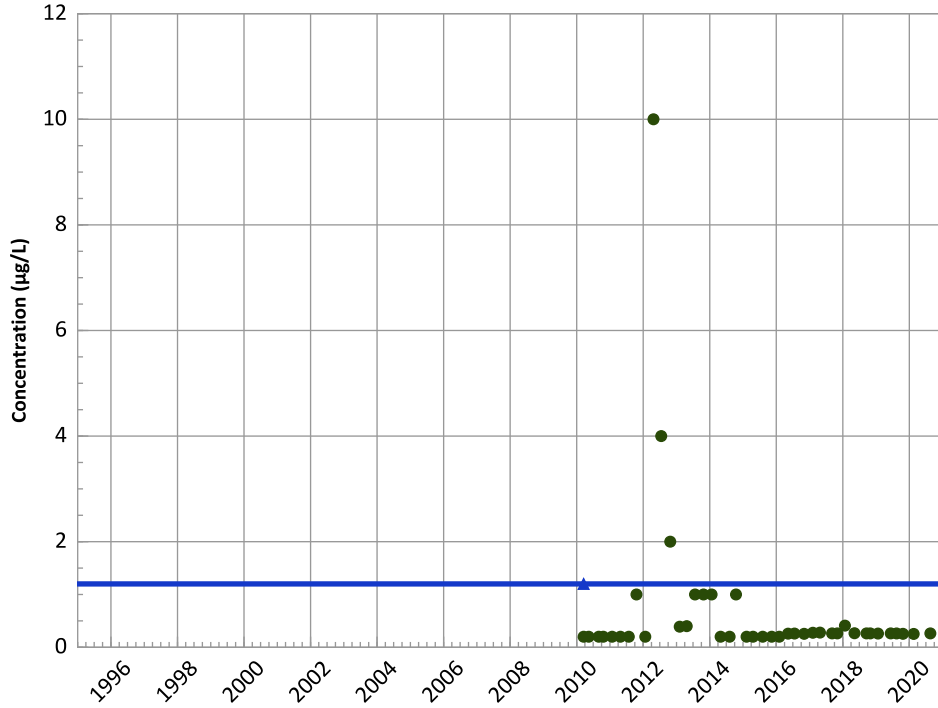
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

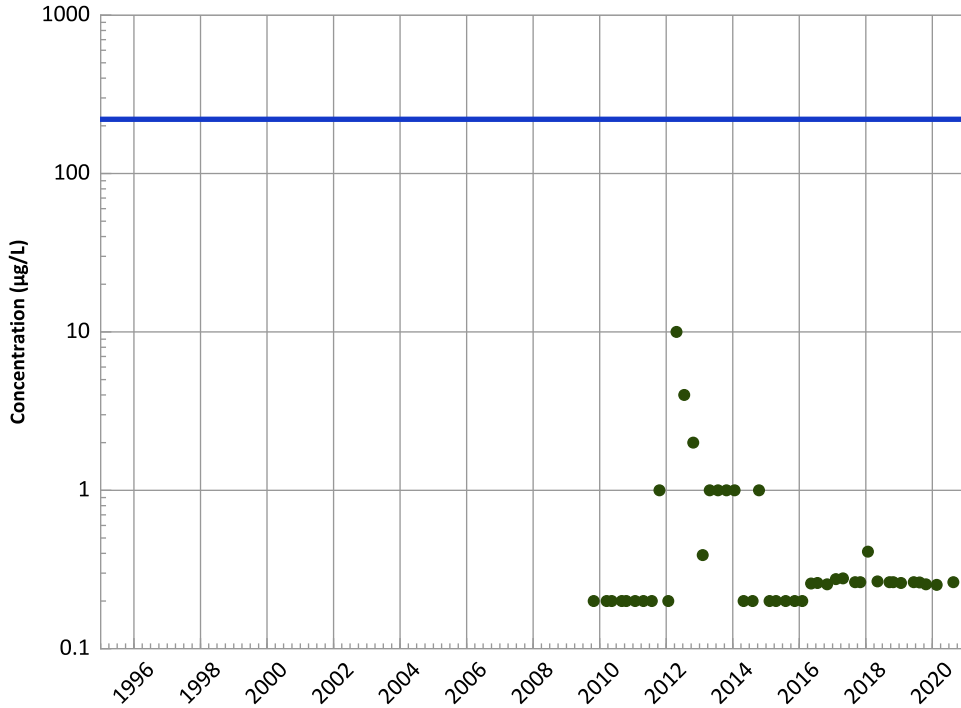


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

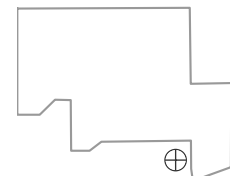
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

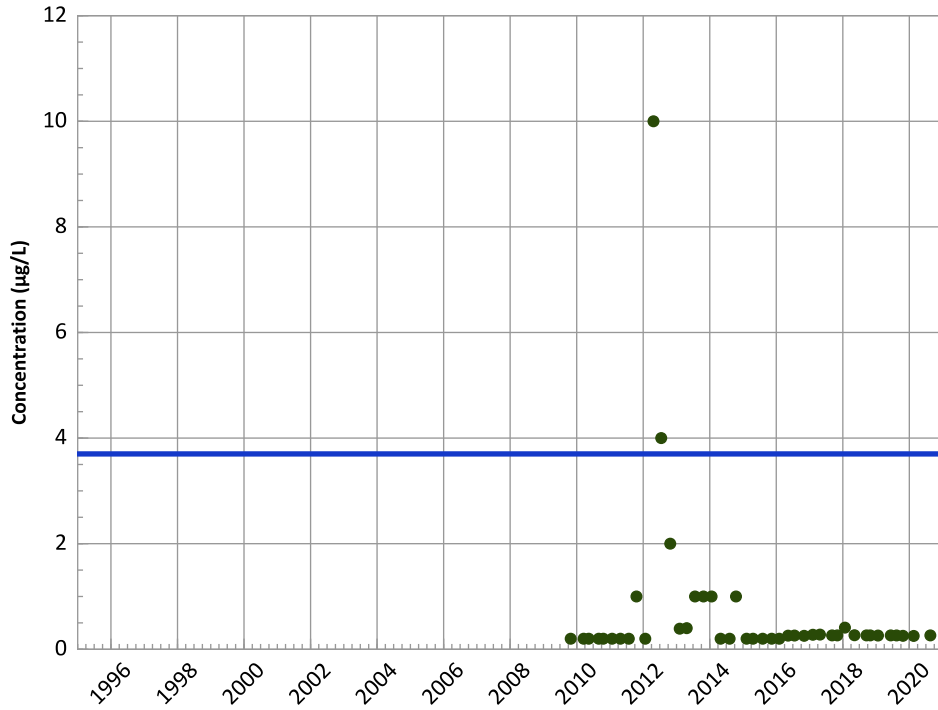
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

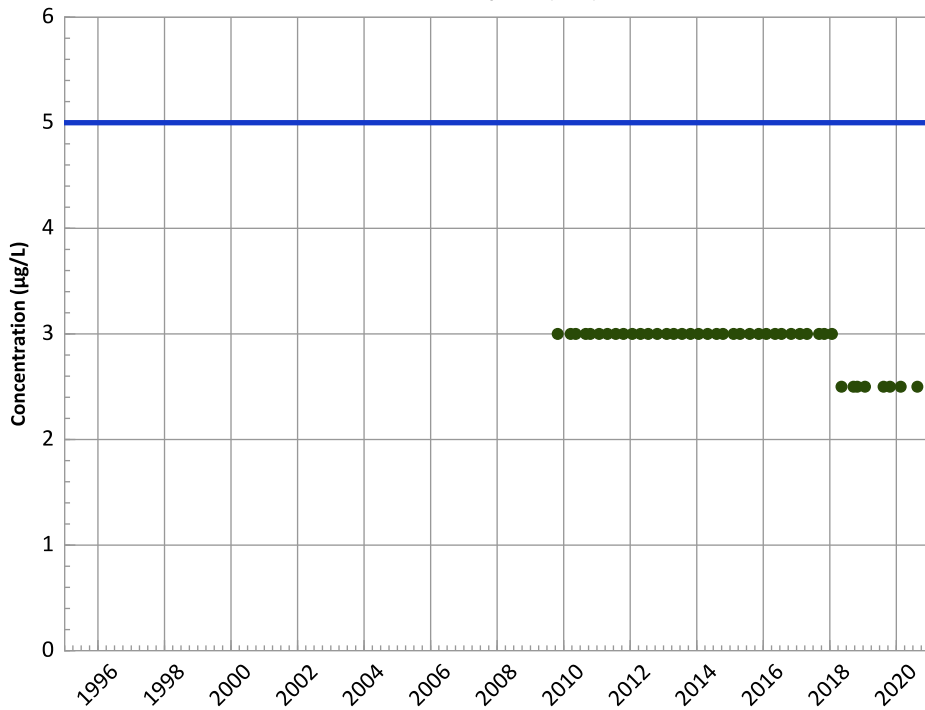
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

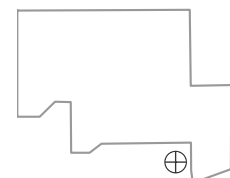
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

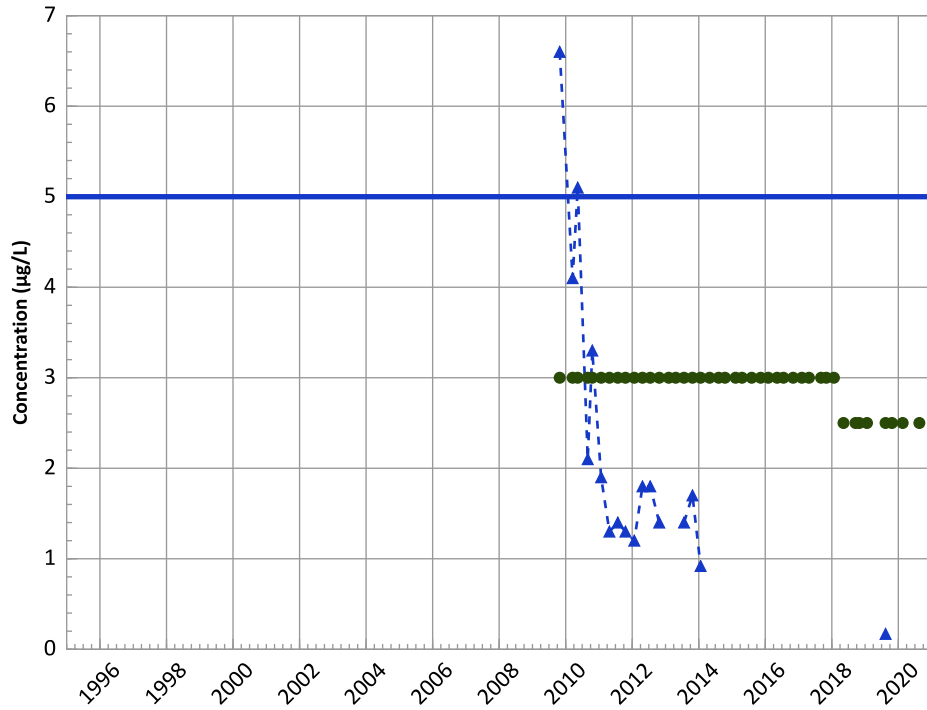
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

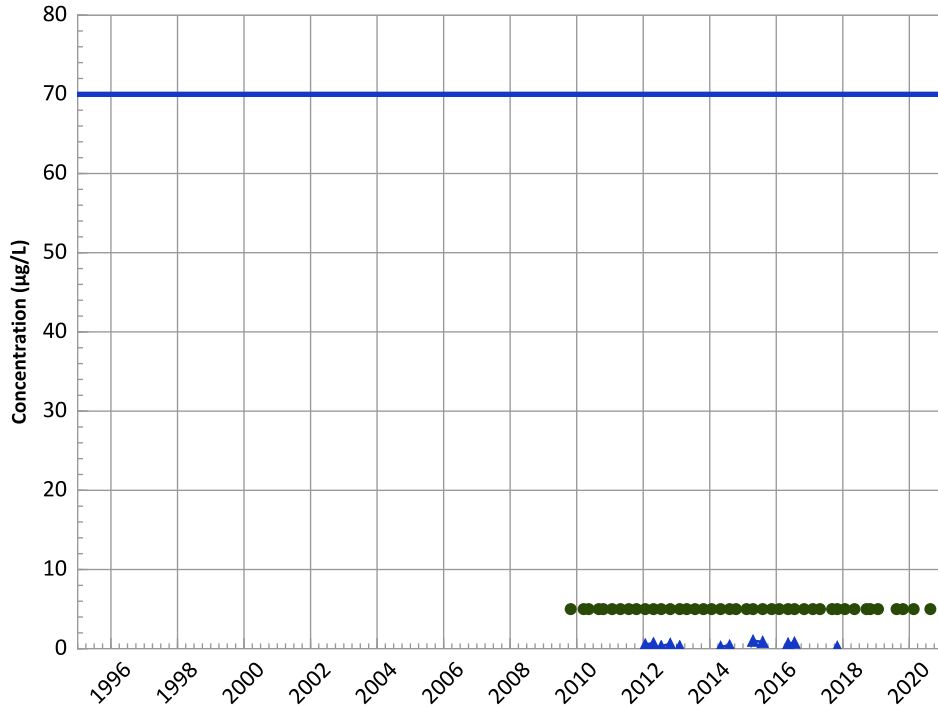


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend

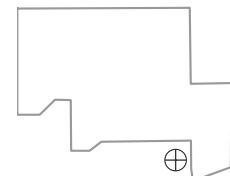


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

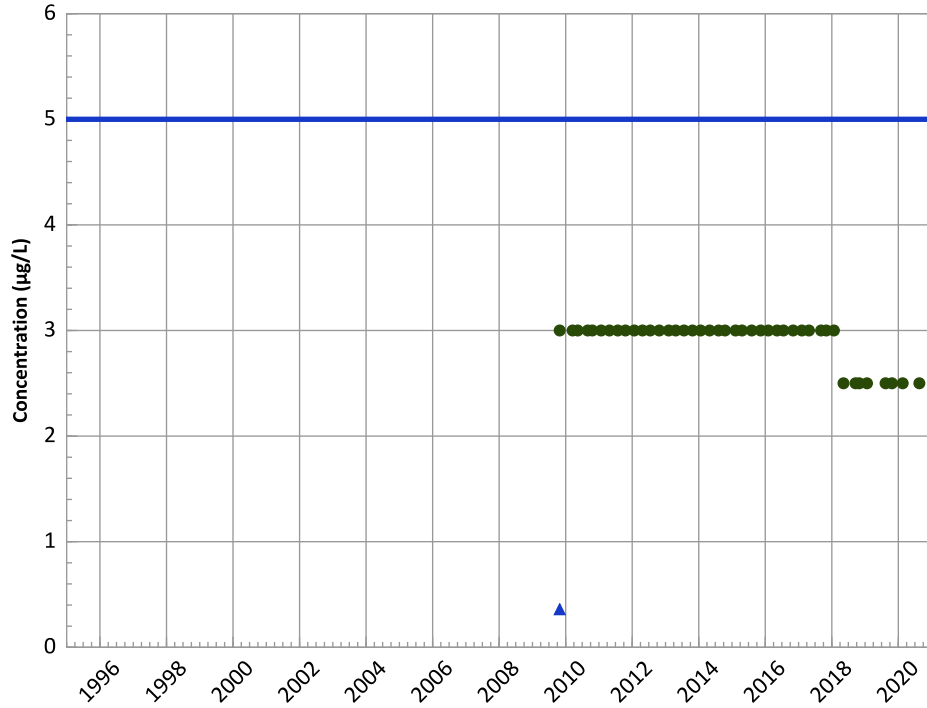
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

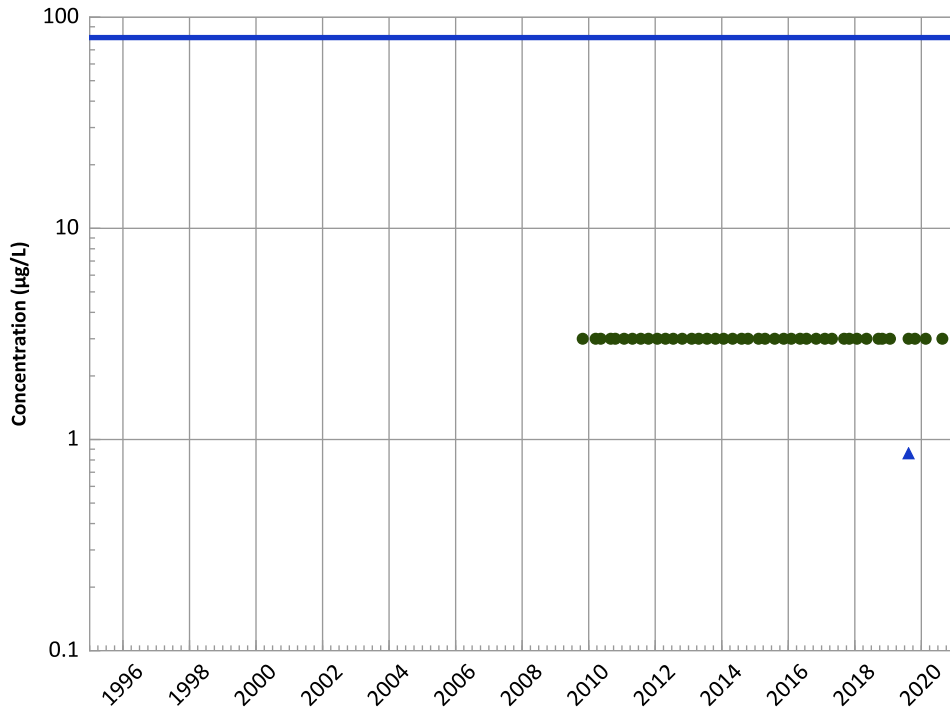


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

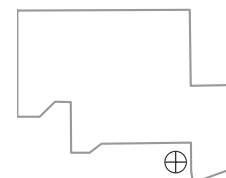


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

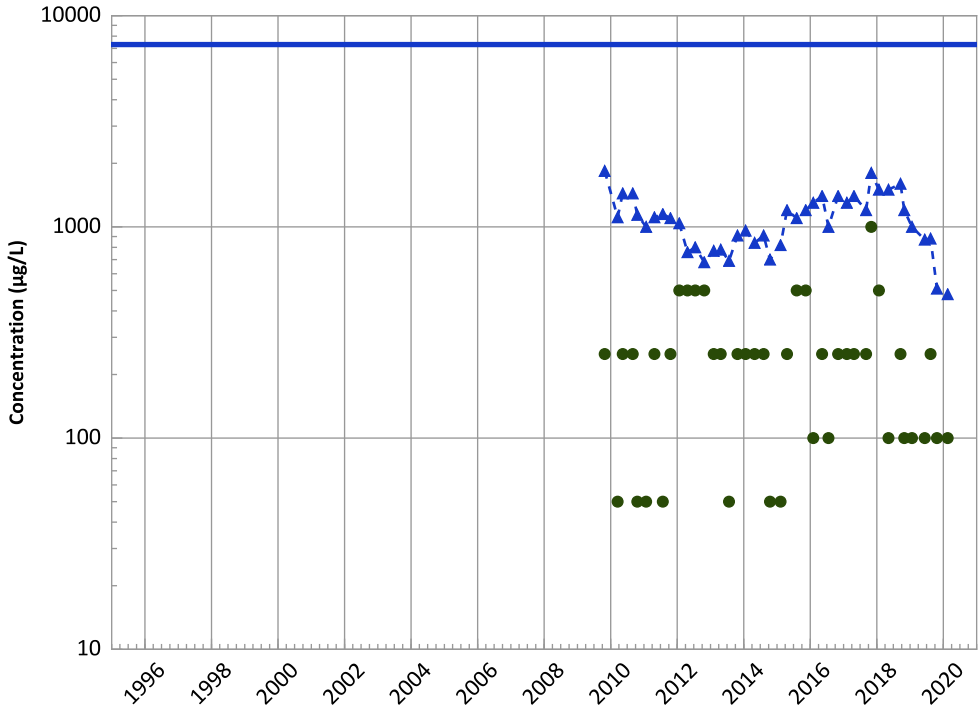
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

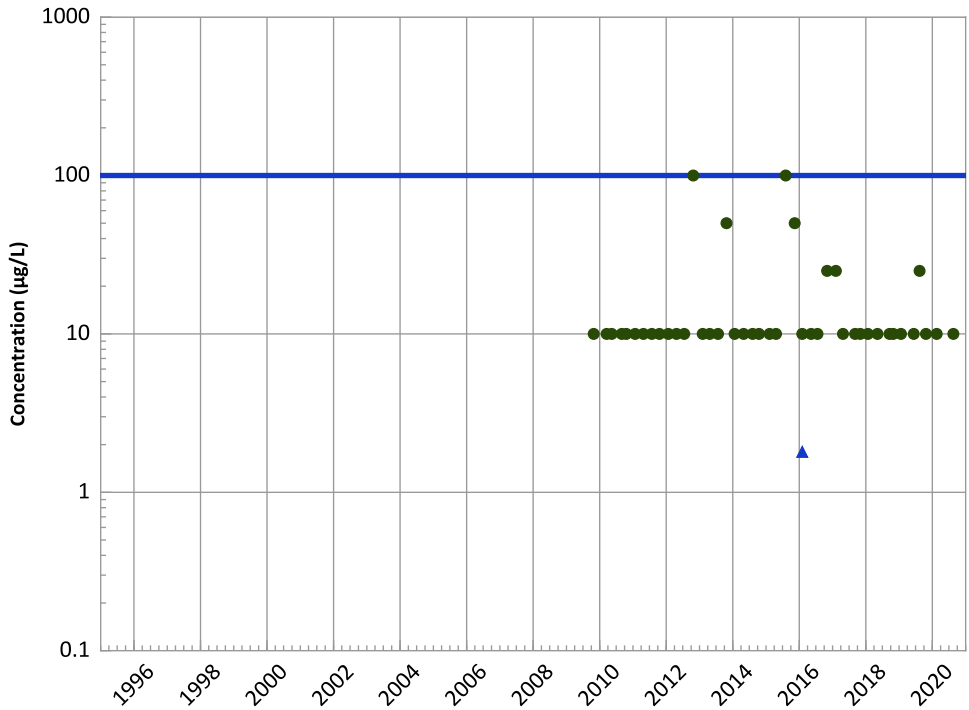
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

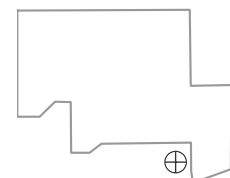
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

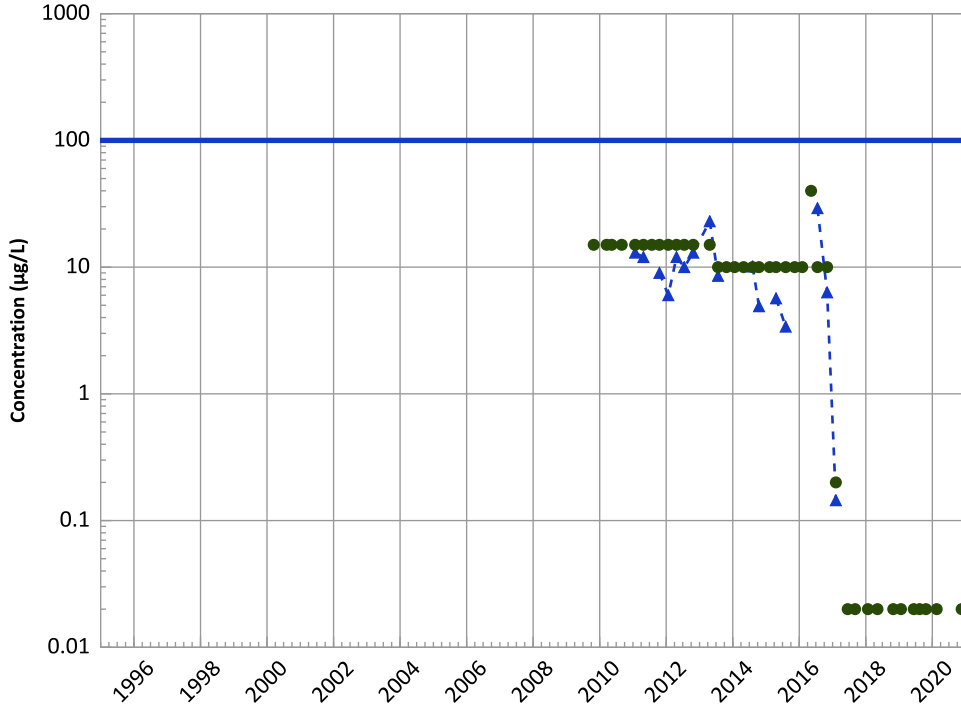


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

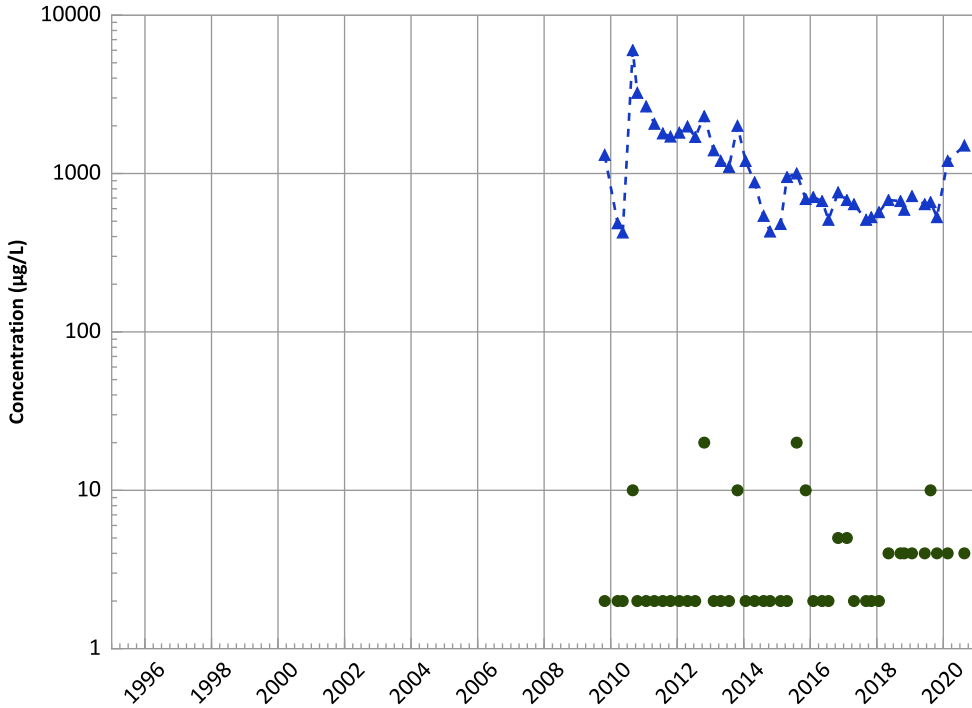
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

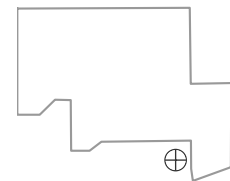
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Well Location

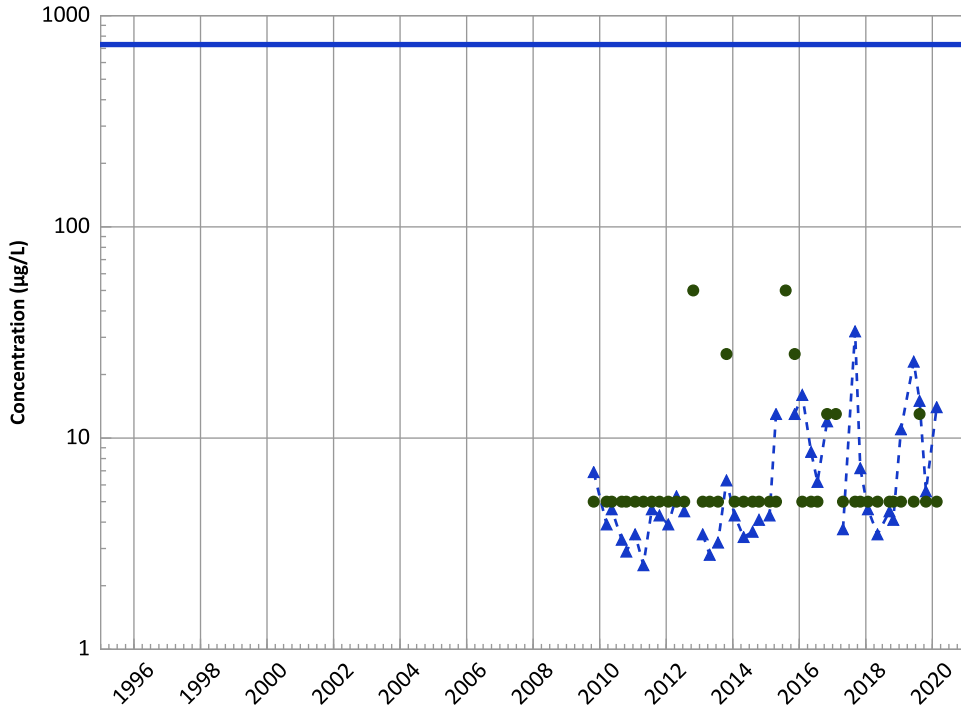


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

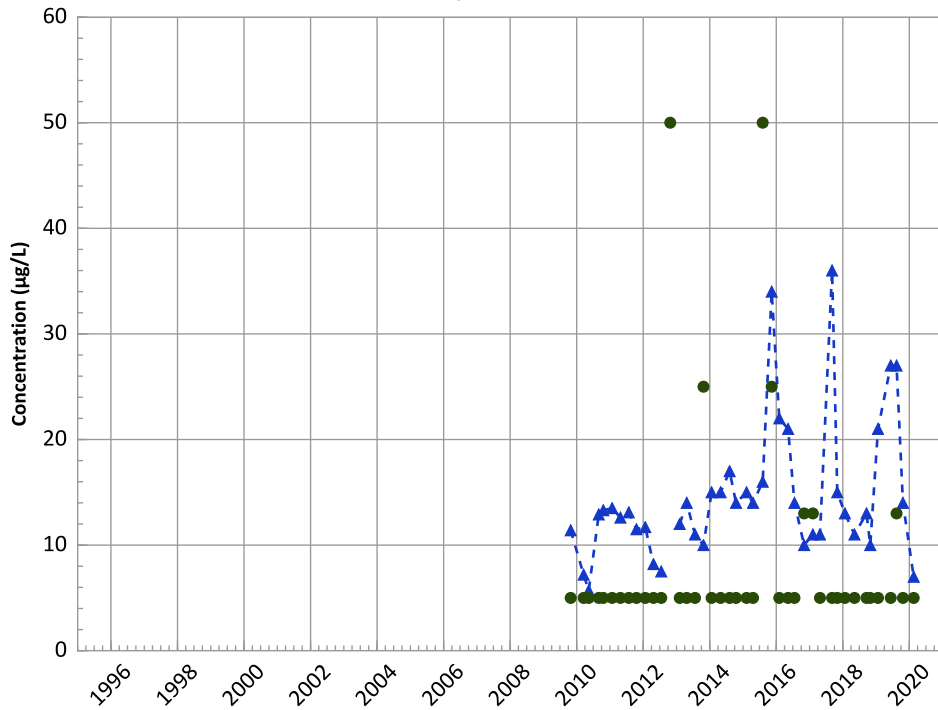
2018 - 2020 Data:

Stable

All Data:

Increasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

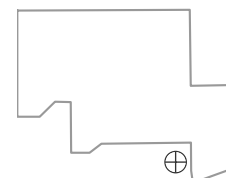
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Well Location

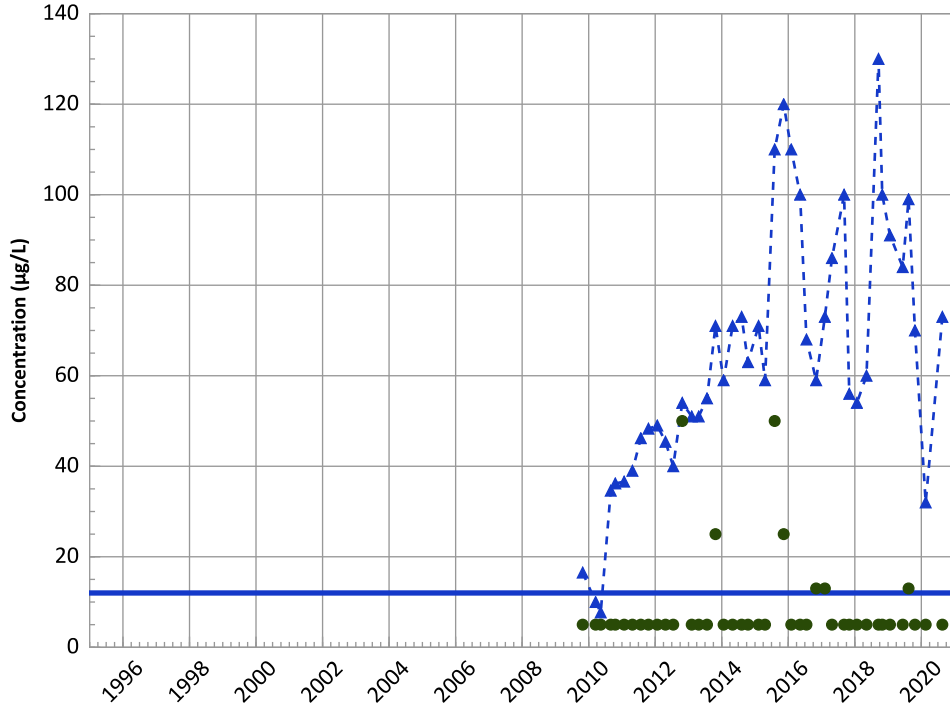


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

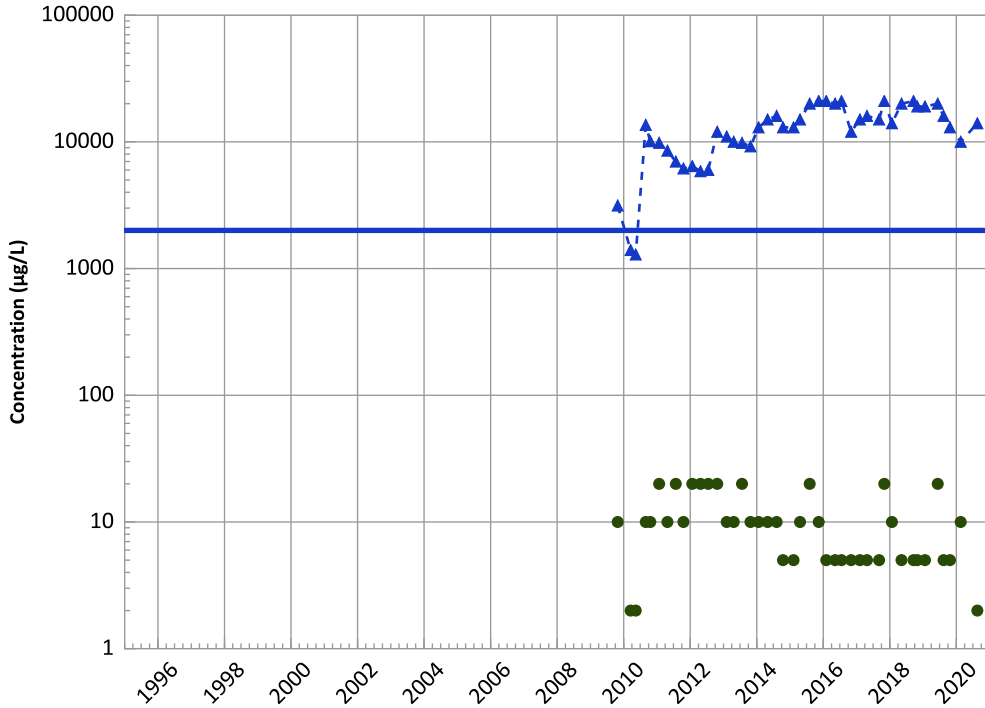
2018 - 2020 Data:

Stable

All Data:

Increasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

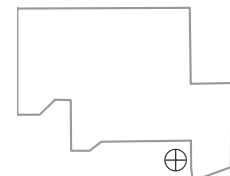
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

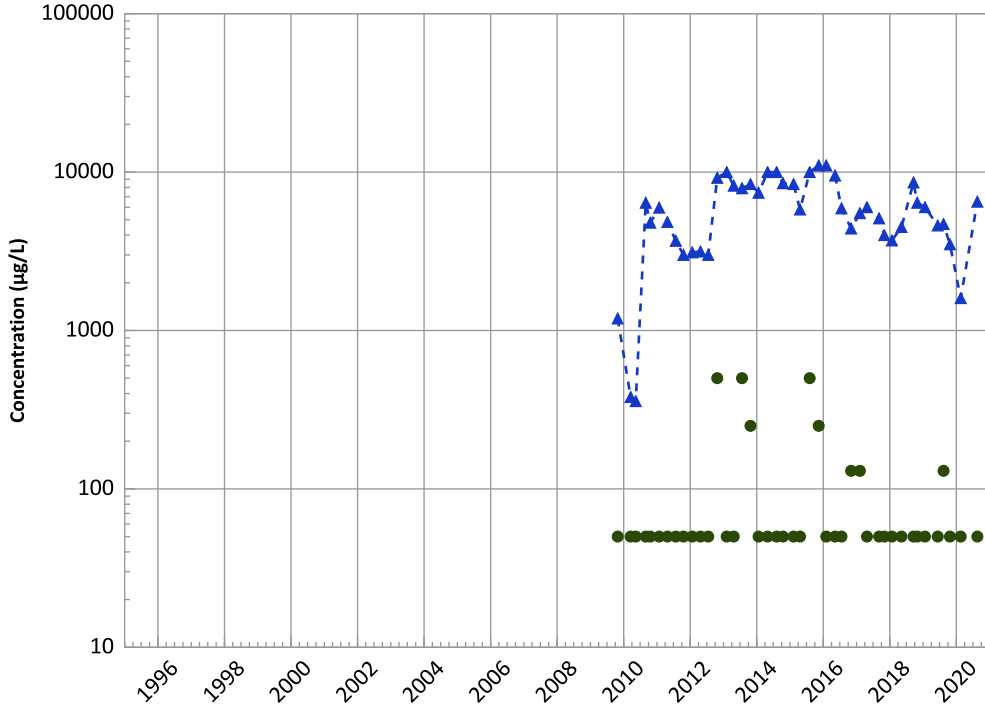
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

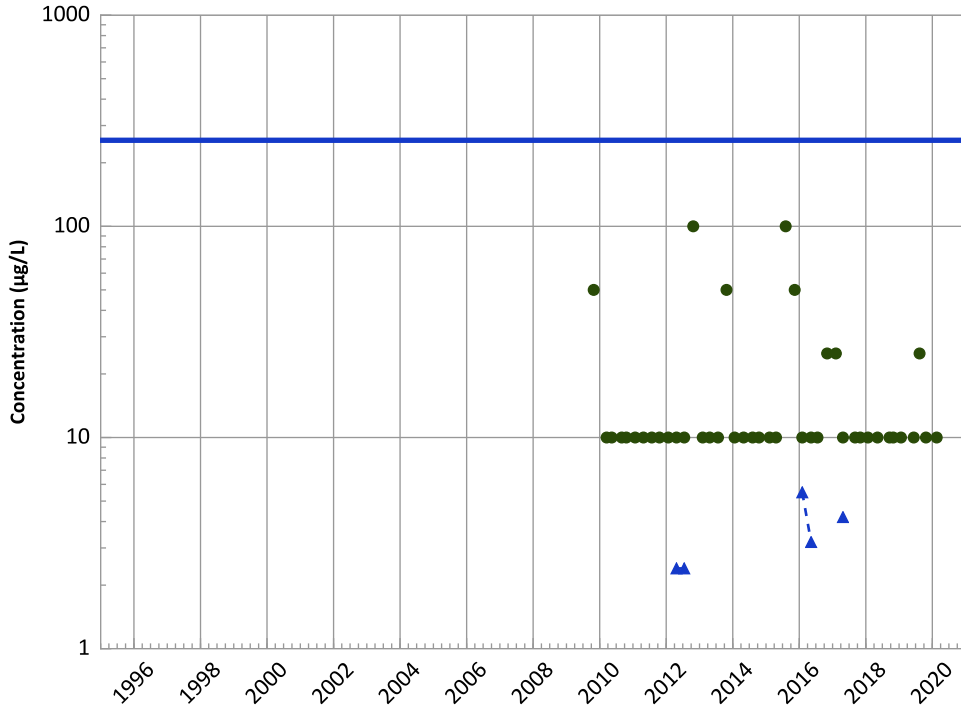
2018 - 2020 Data:

No Trend

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

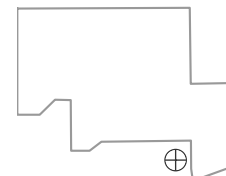
All Data:

No Trend

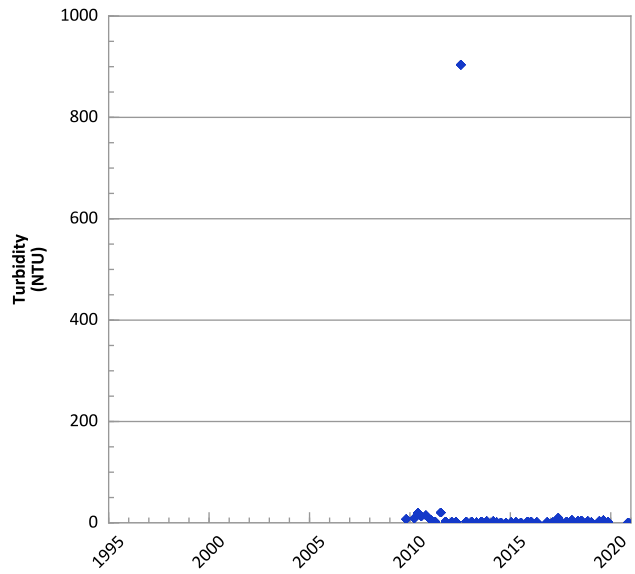
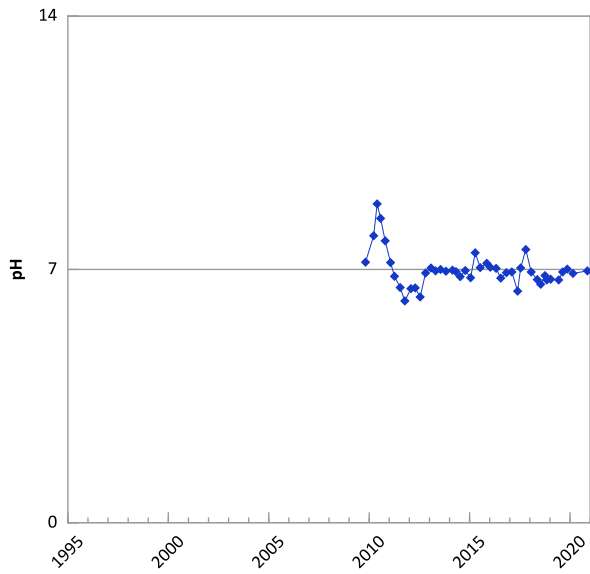
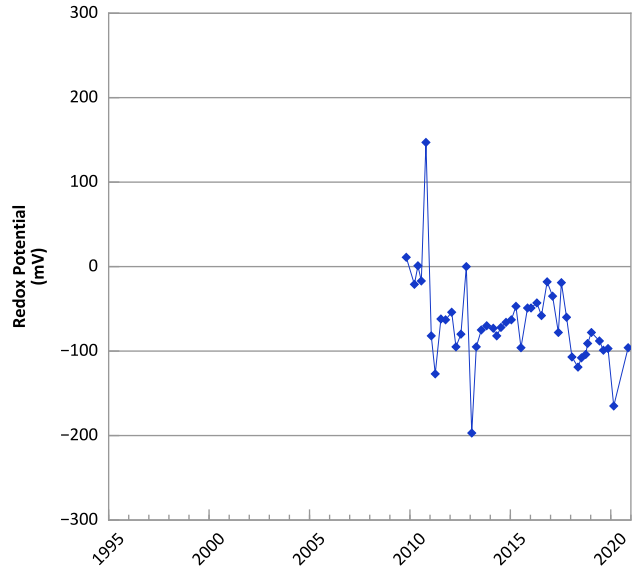
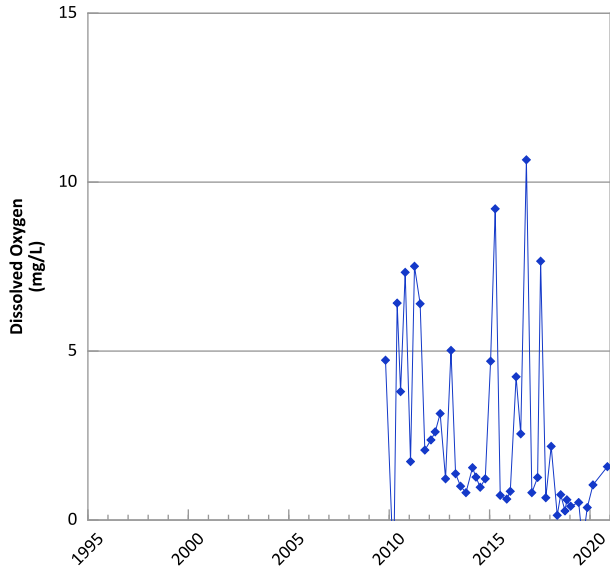
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

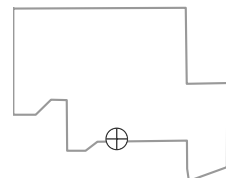


**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



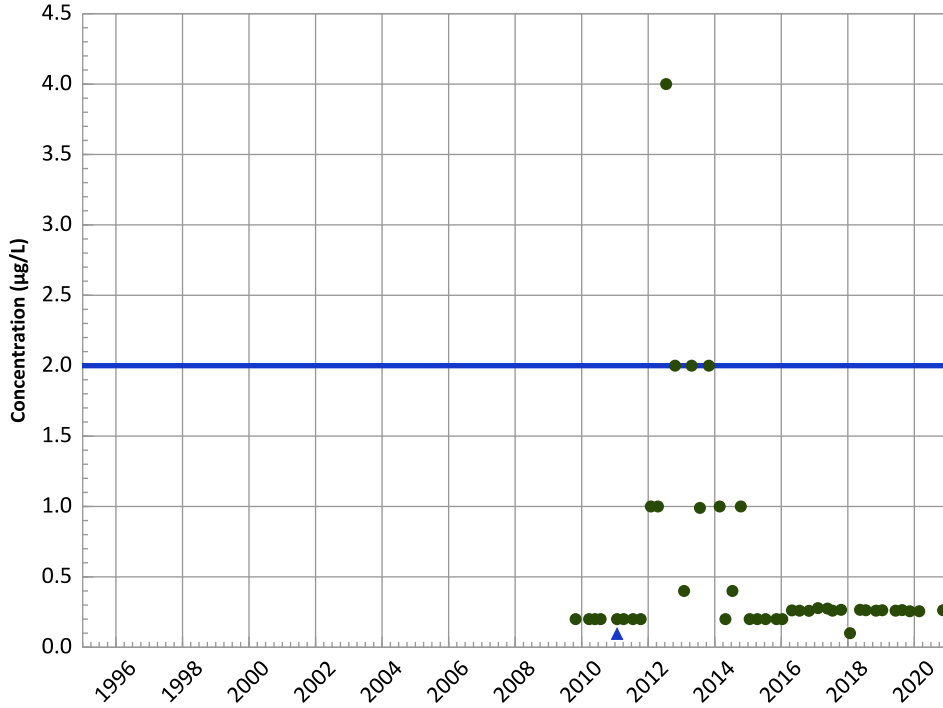
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/26/2009 to 11/12/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

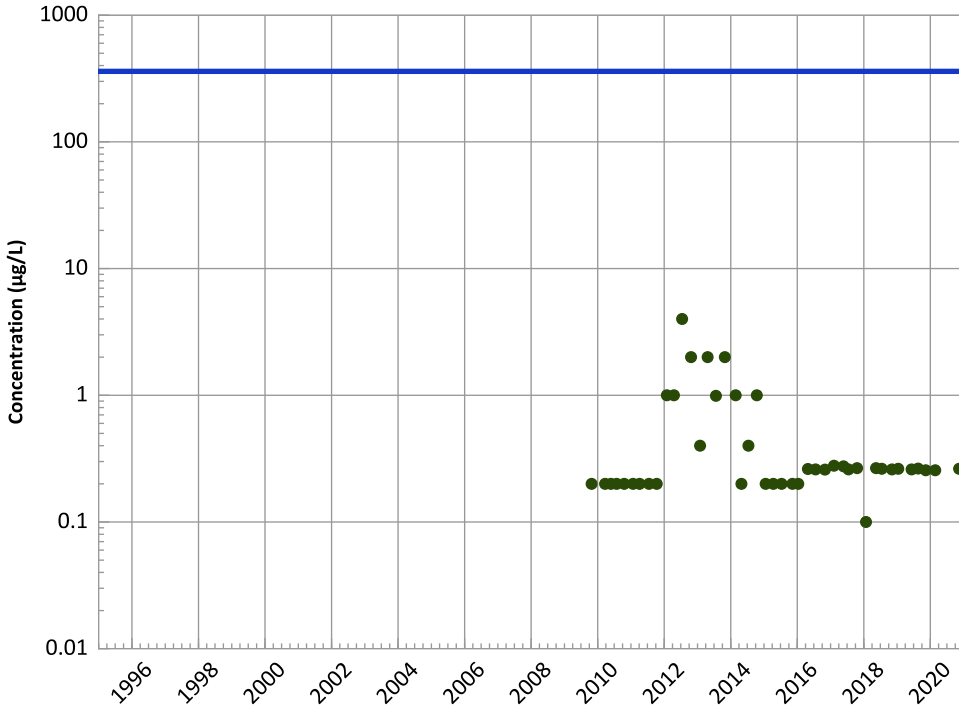
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

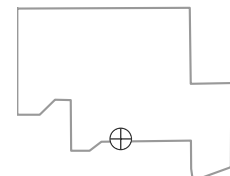
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

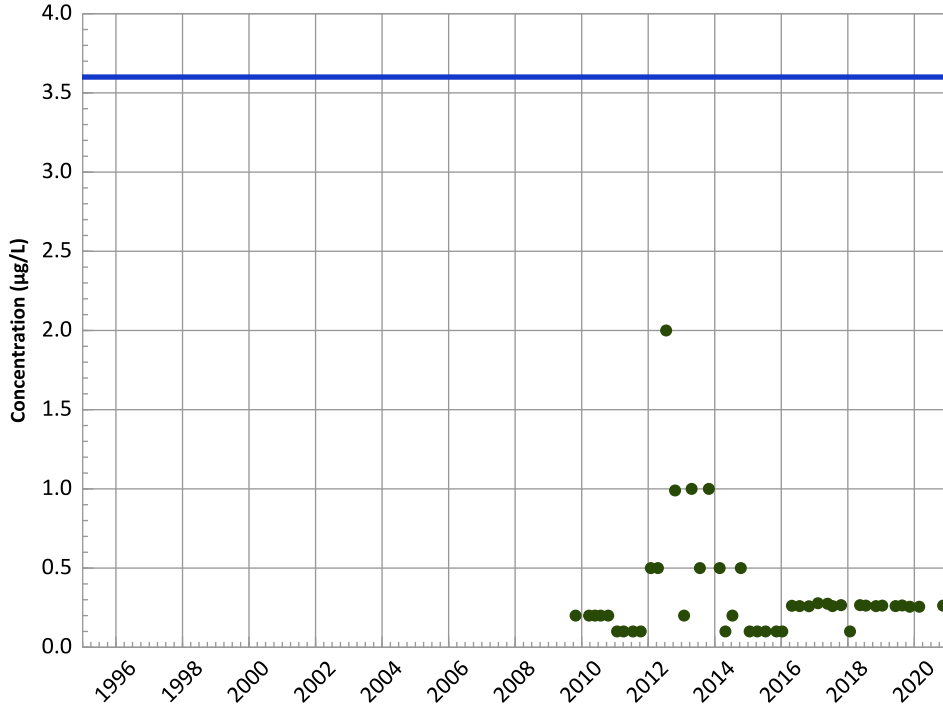


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

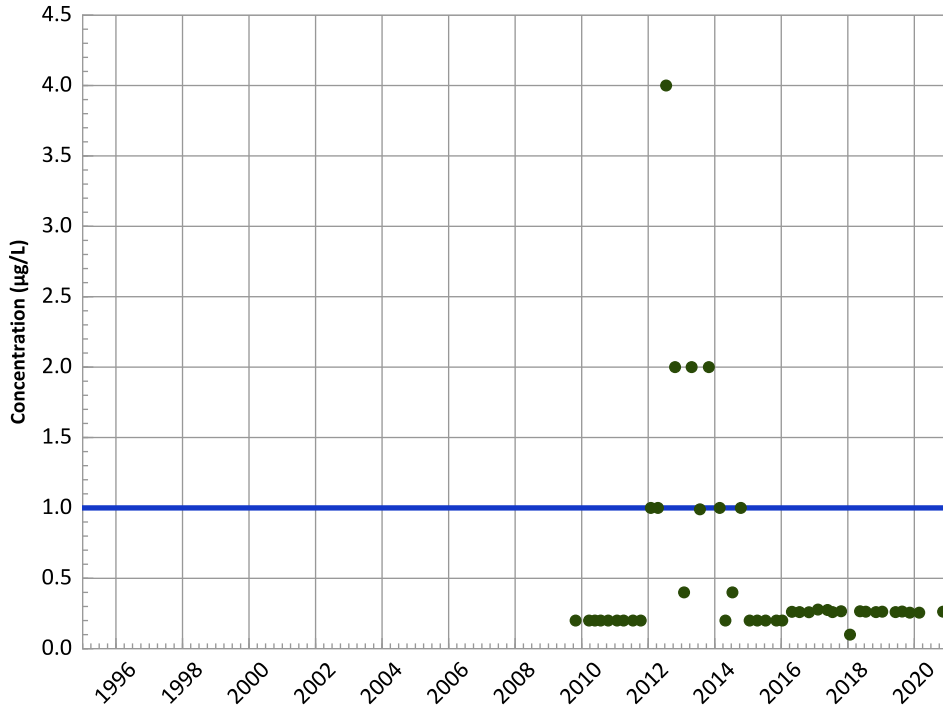
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

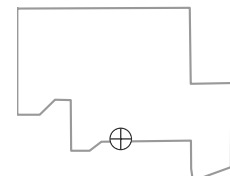
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

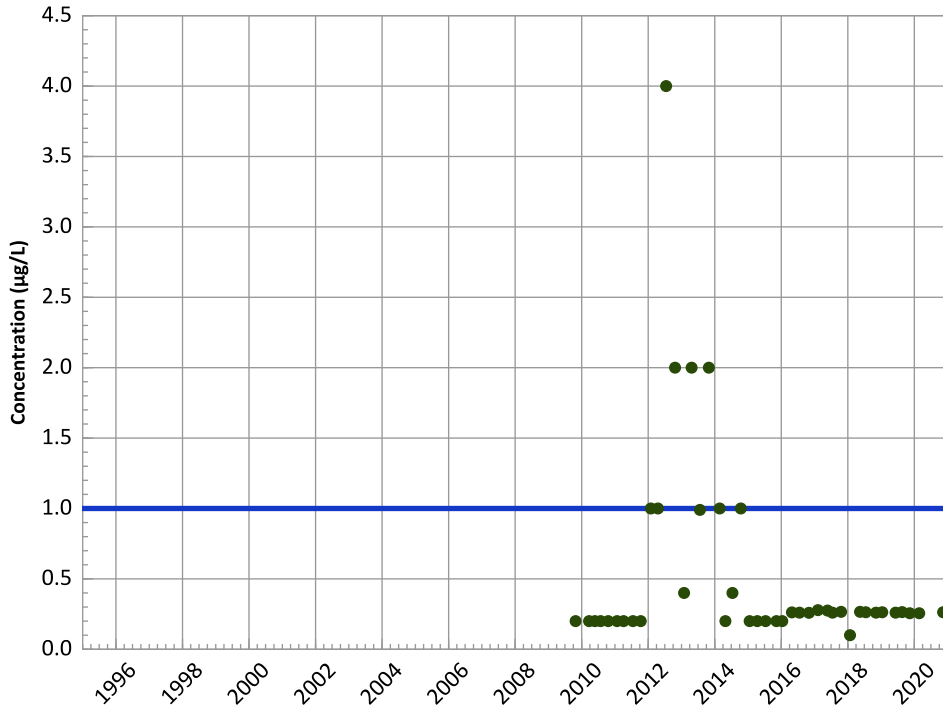
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

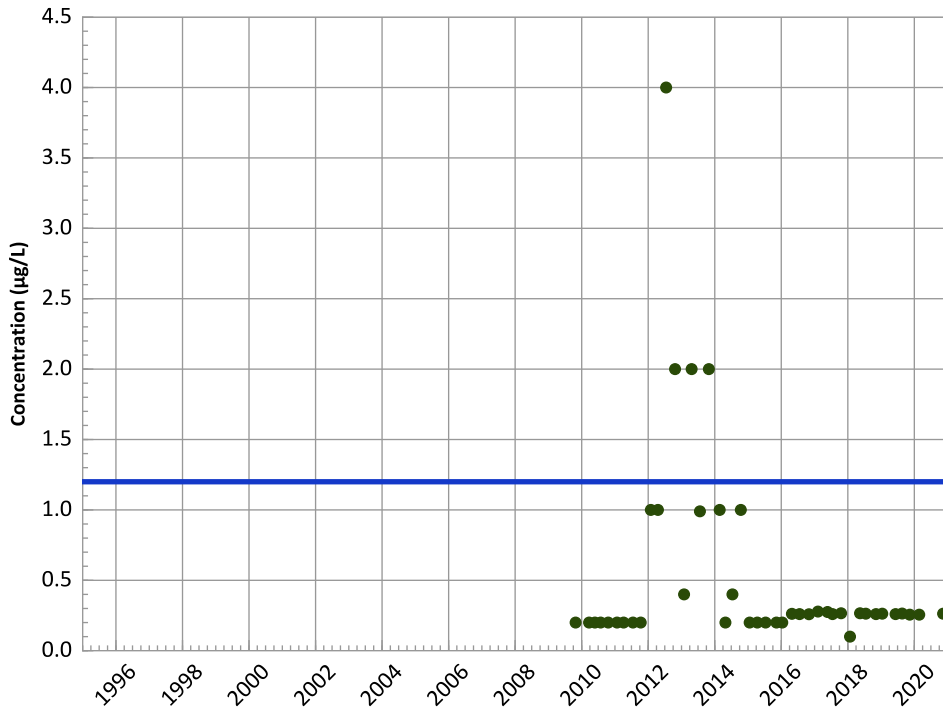
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

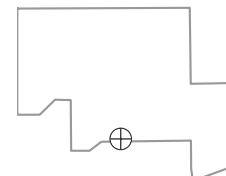
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

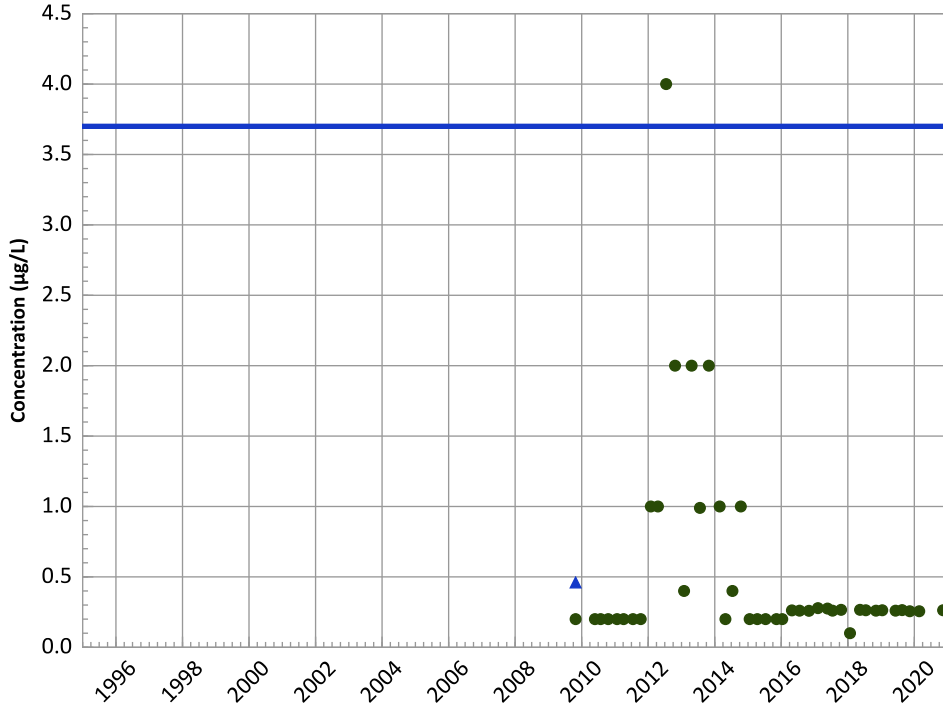
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

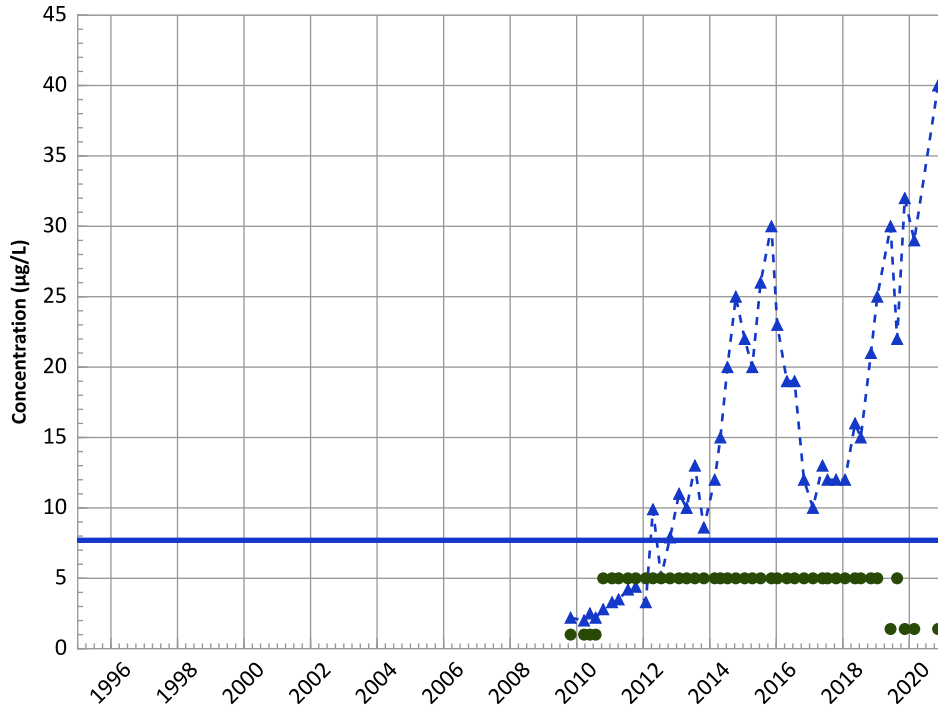
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

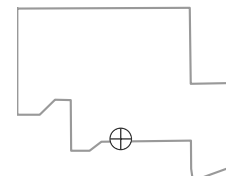
All Data:

Increasing

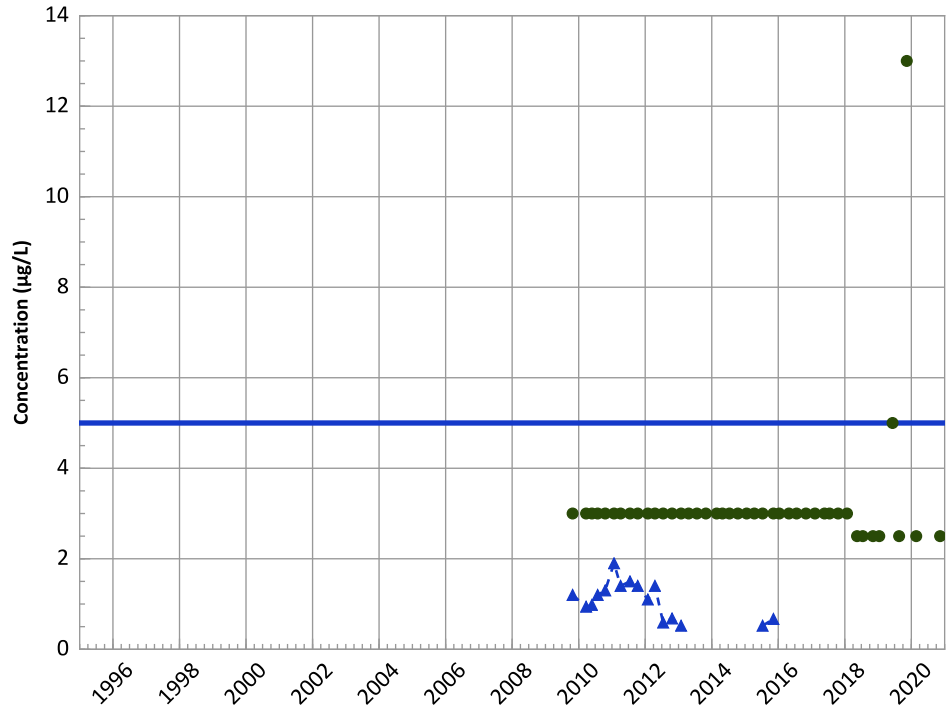
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Increasing

MAROS Linear Regression Method

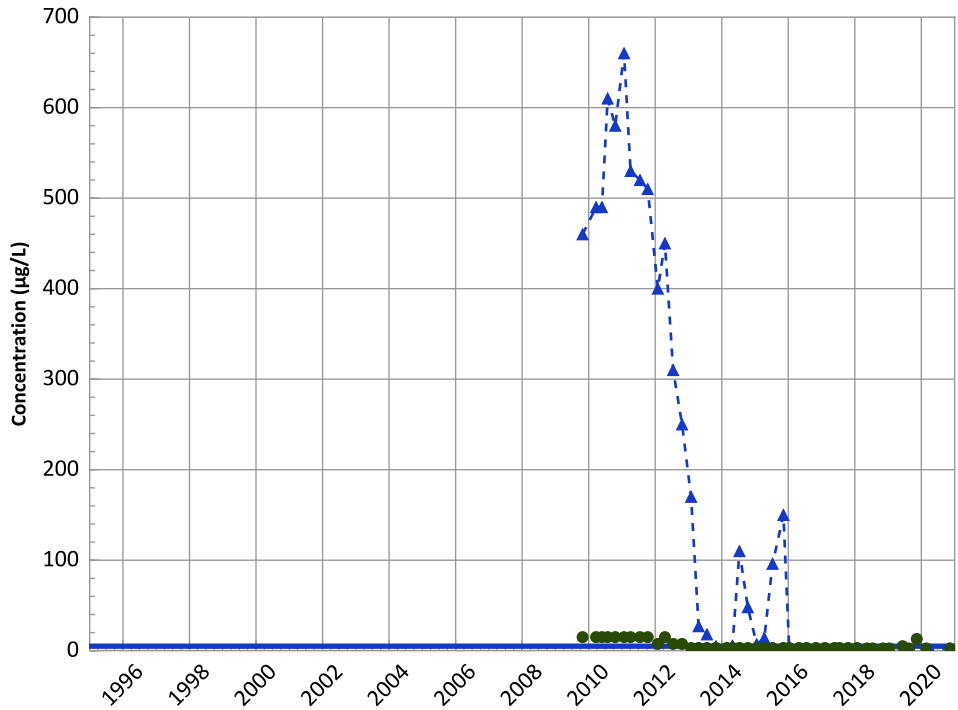
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

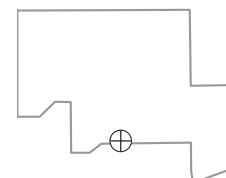
All Data:

Decreasing

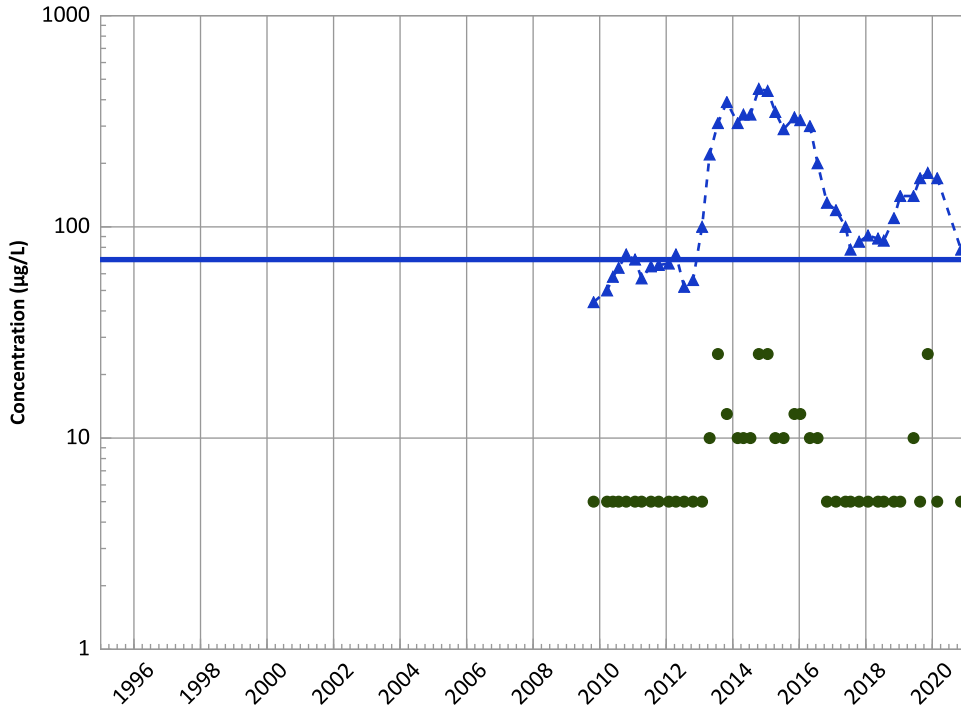
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

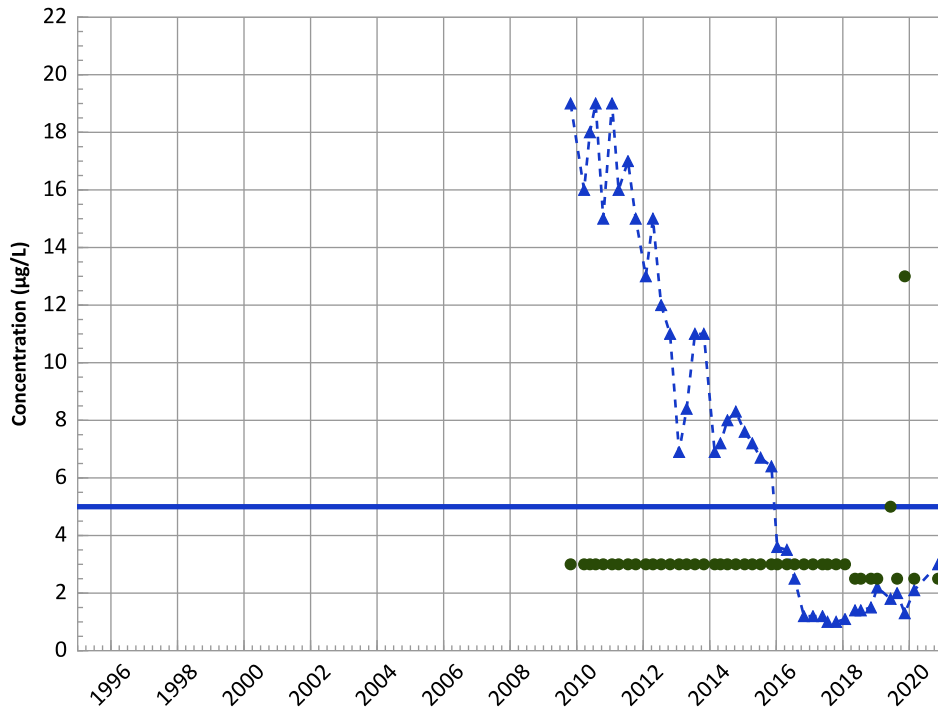
2018 - 2020 Data:

Stable

All Data:

Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

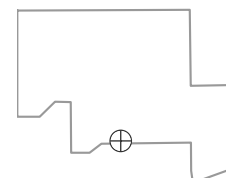
All Data:

Decreasing

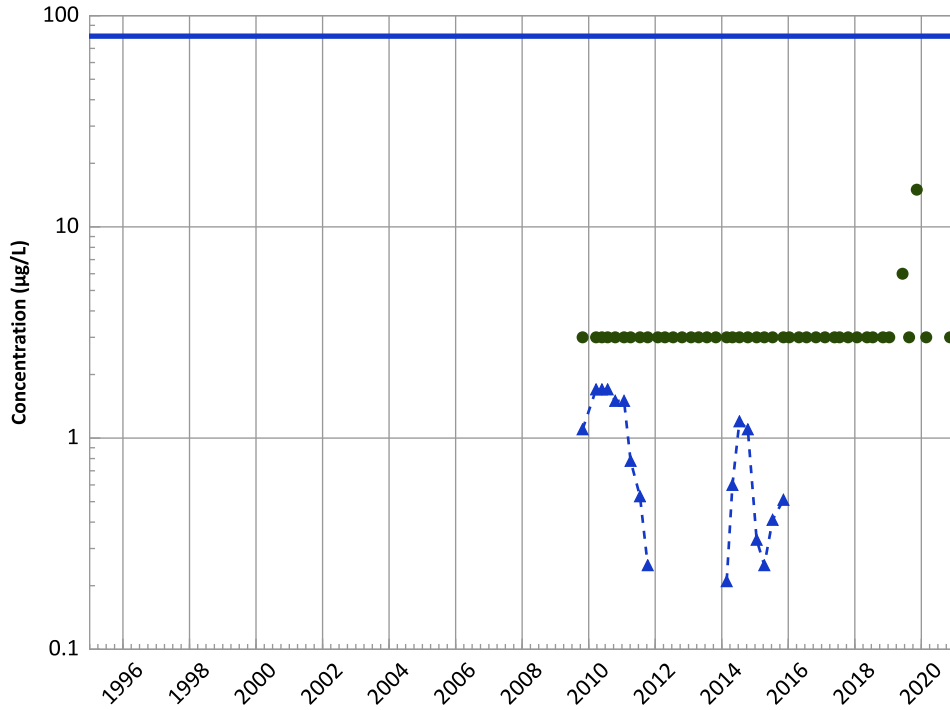
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

Increasing

MAROS Linear Regression Method

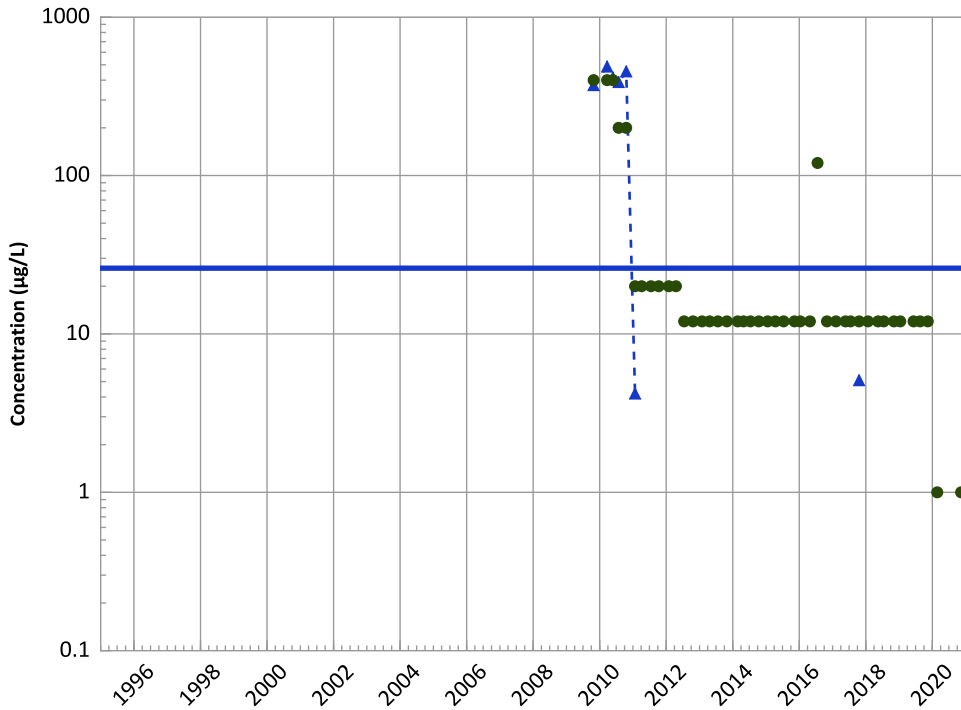
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

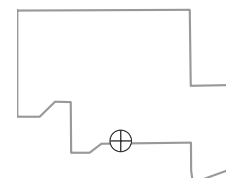
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Decreasing

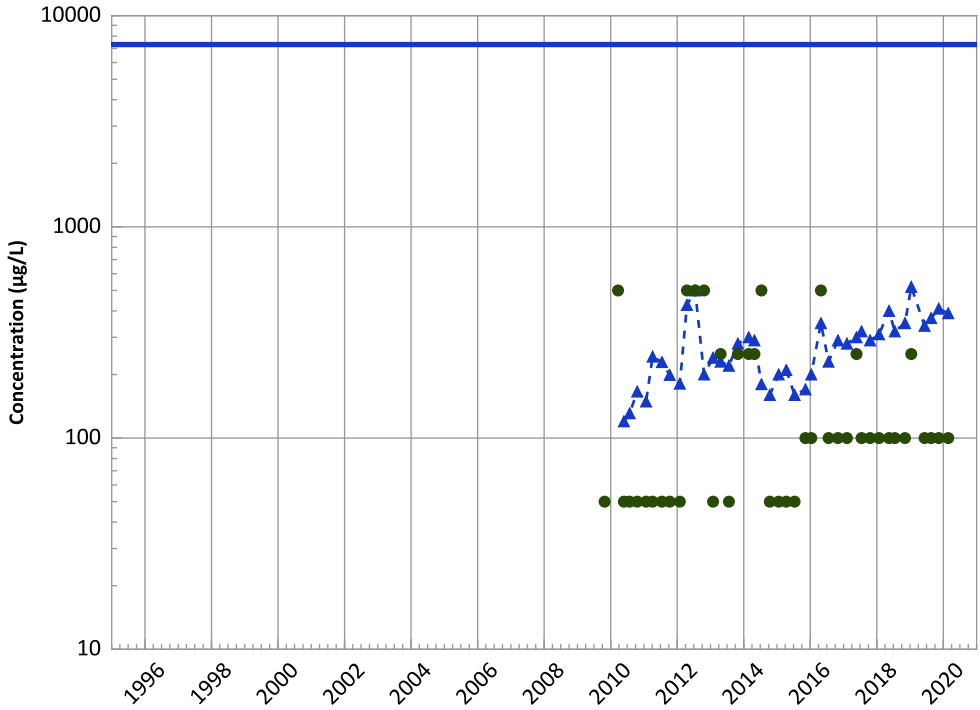
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

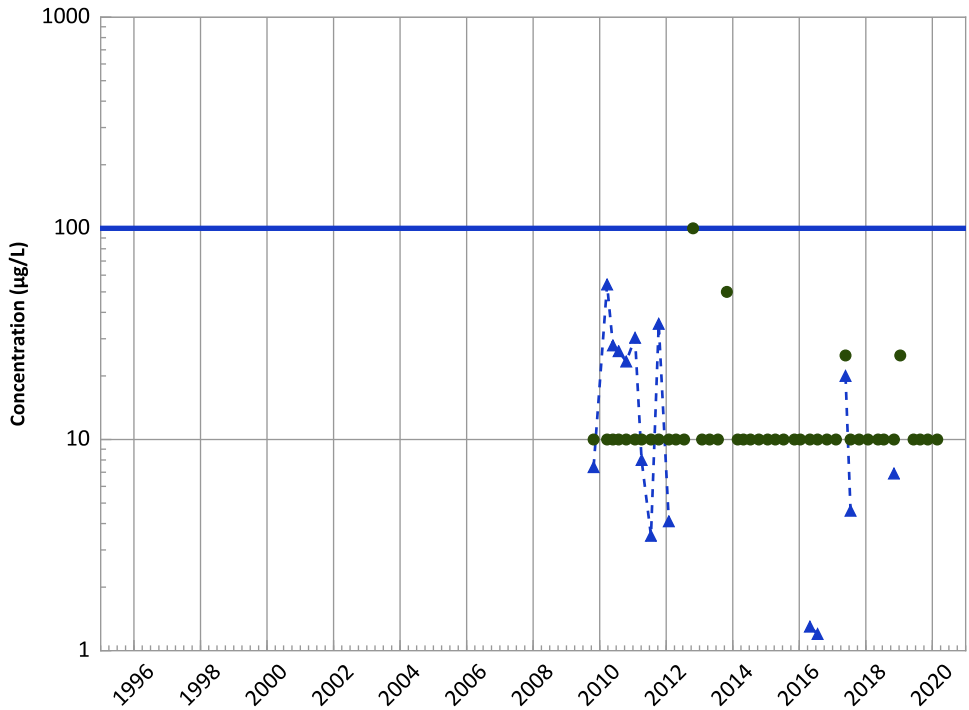
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

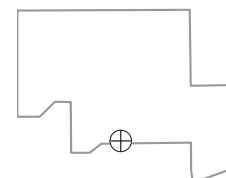
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

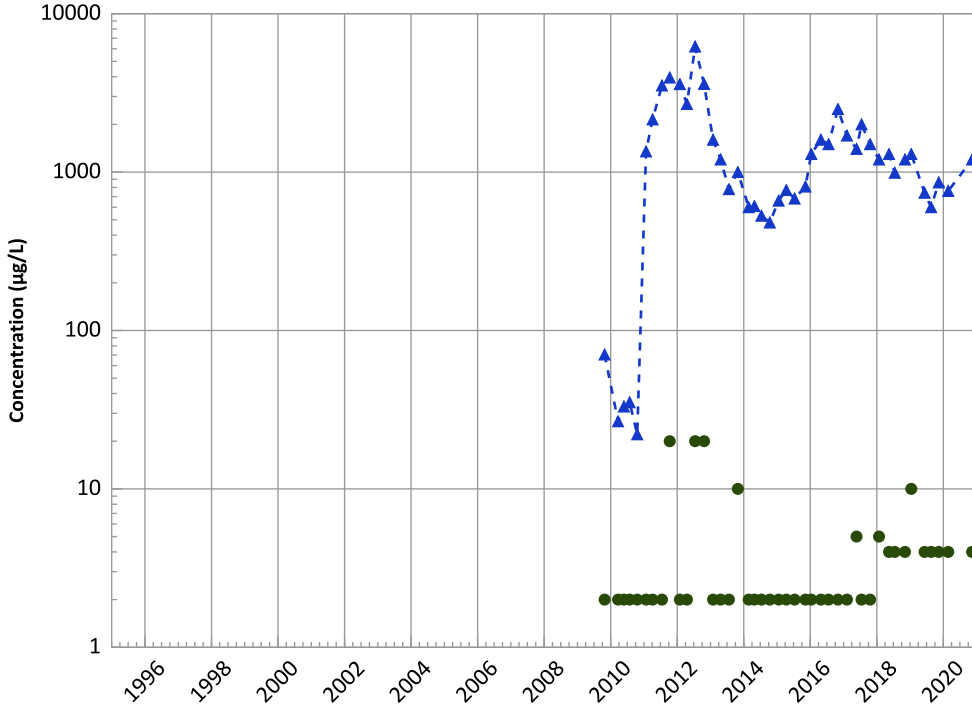
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

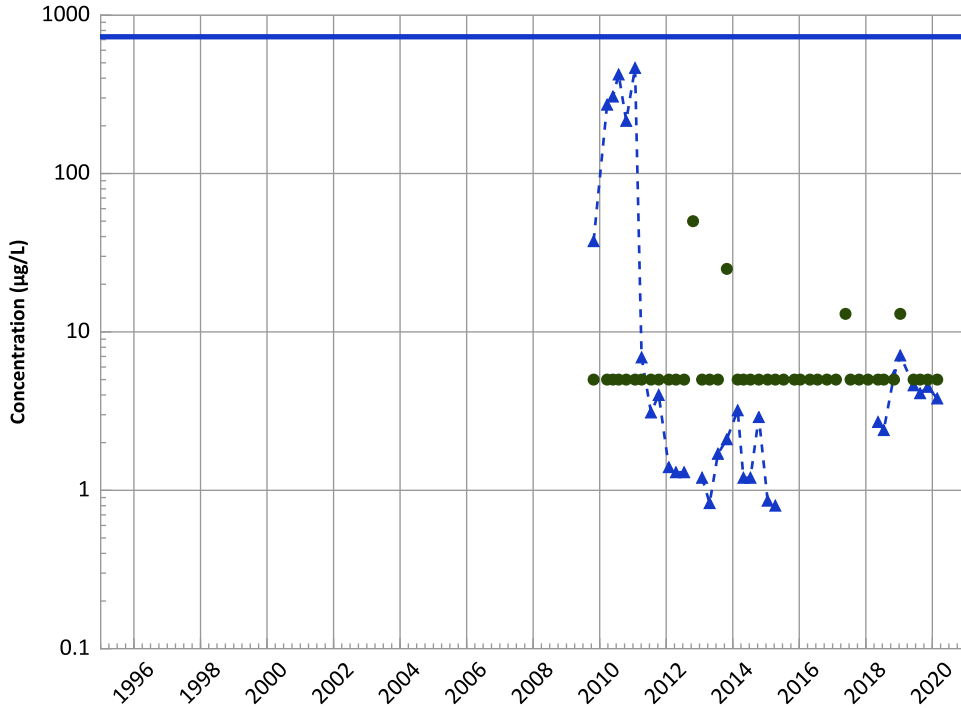
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

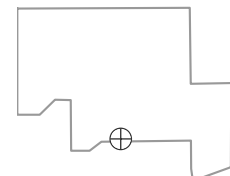
2018 - 2020 Data:

Stable

All Data:

Decreasing

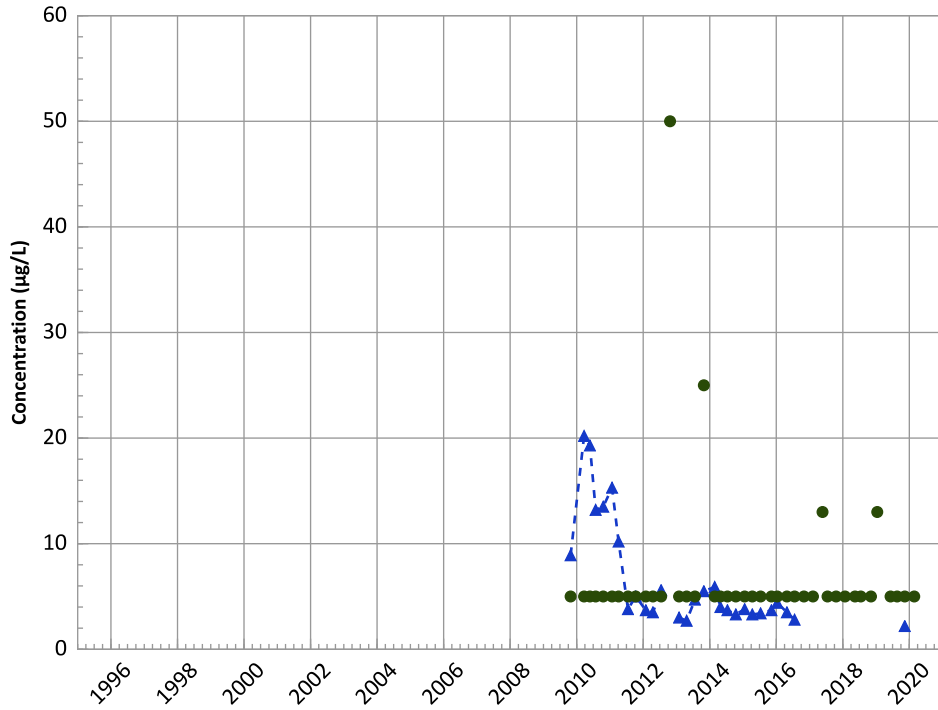
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

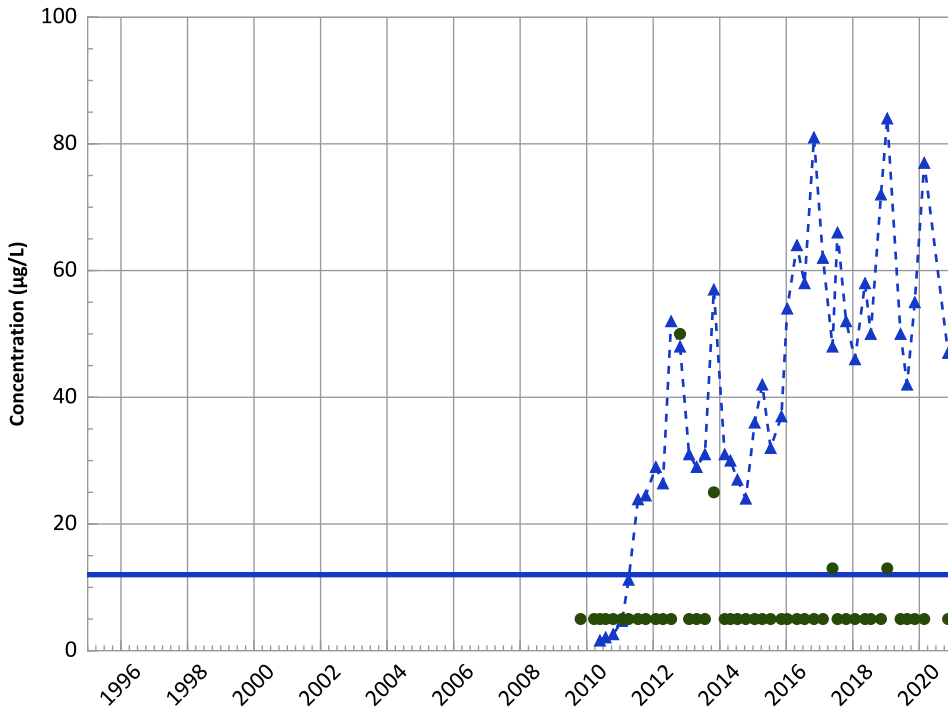


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Arsenic Trend



Concentration Trend

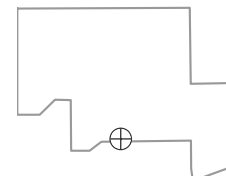
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

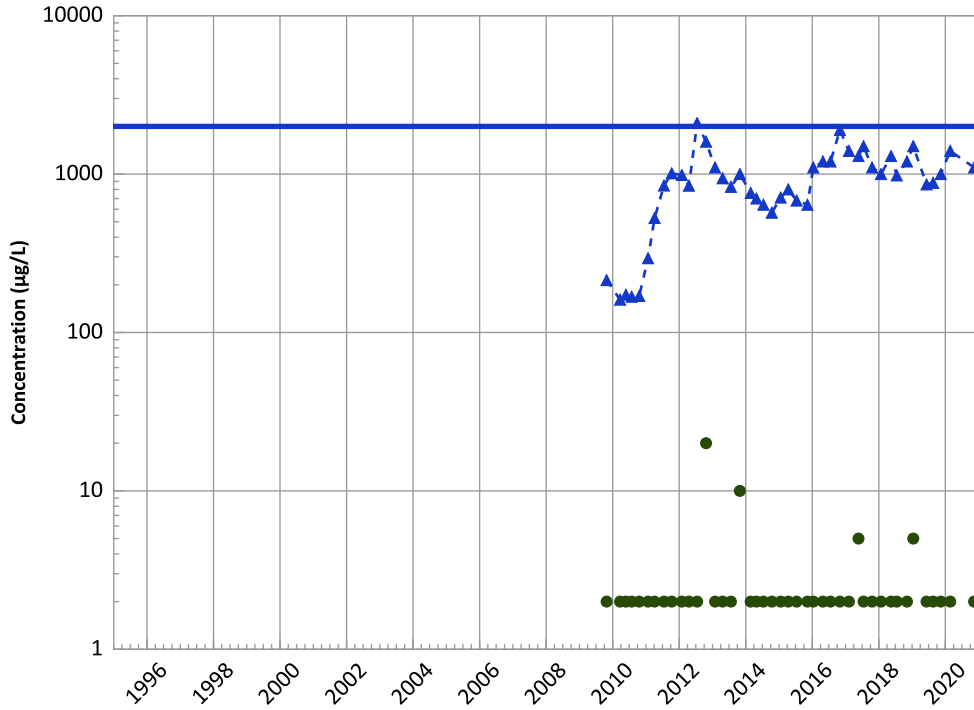
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

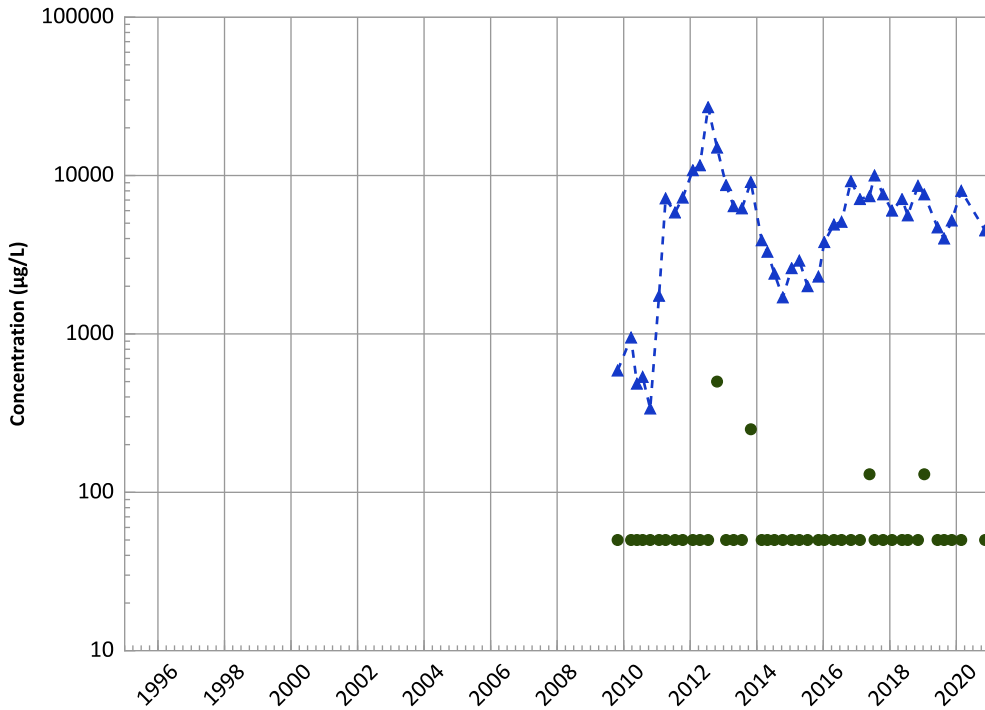
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

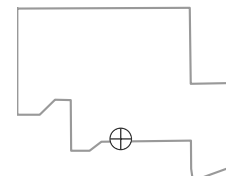
2018 - 2020 Data:

No Trend

All Data:

Increasing

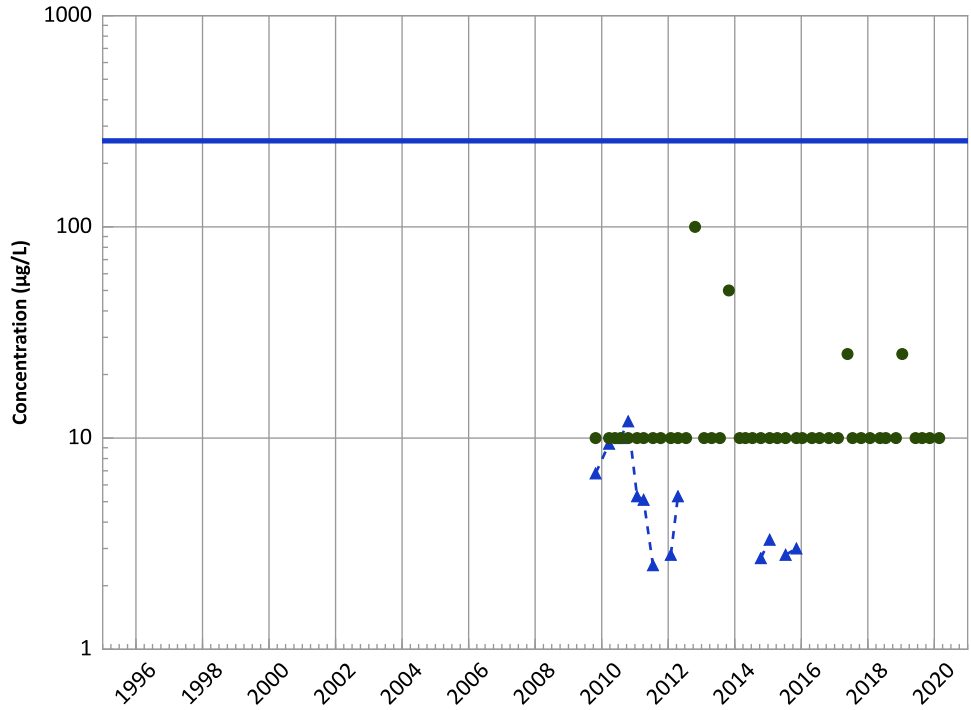
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



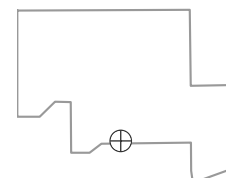
Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Decreasing

MAROS Linear Regression Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Decreasing

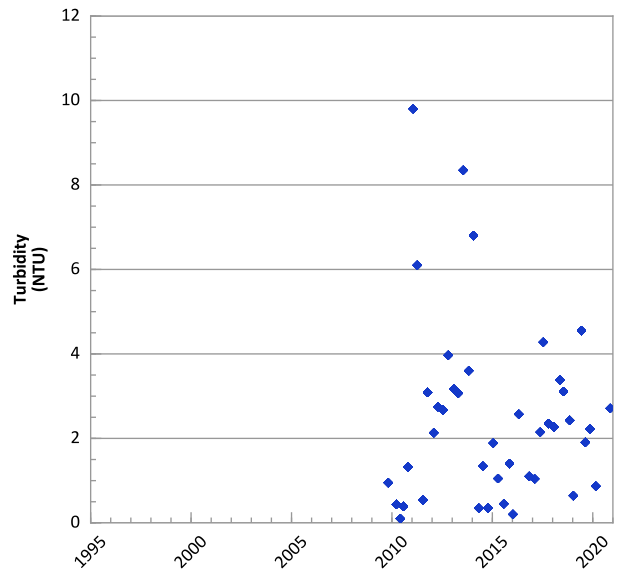
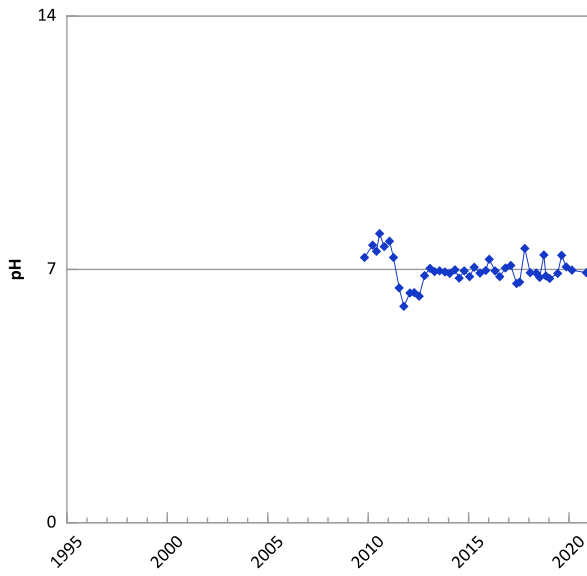
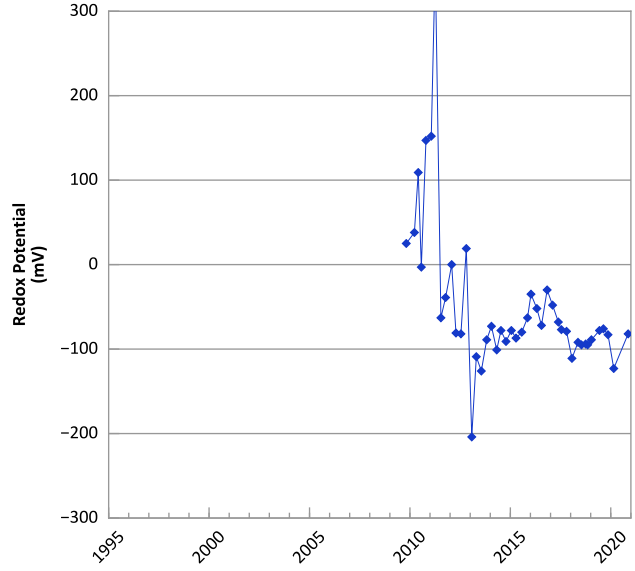
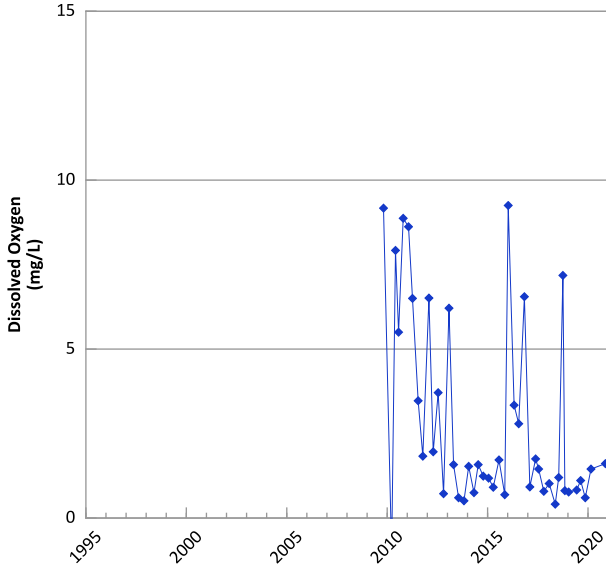
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/26/2009 to 11/12/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

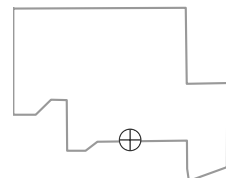


**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



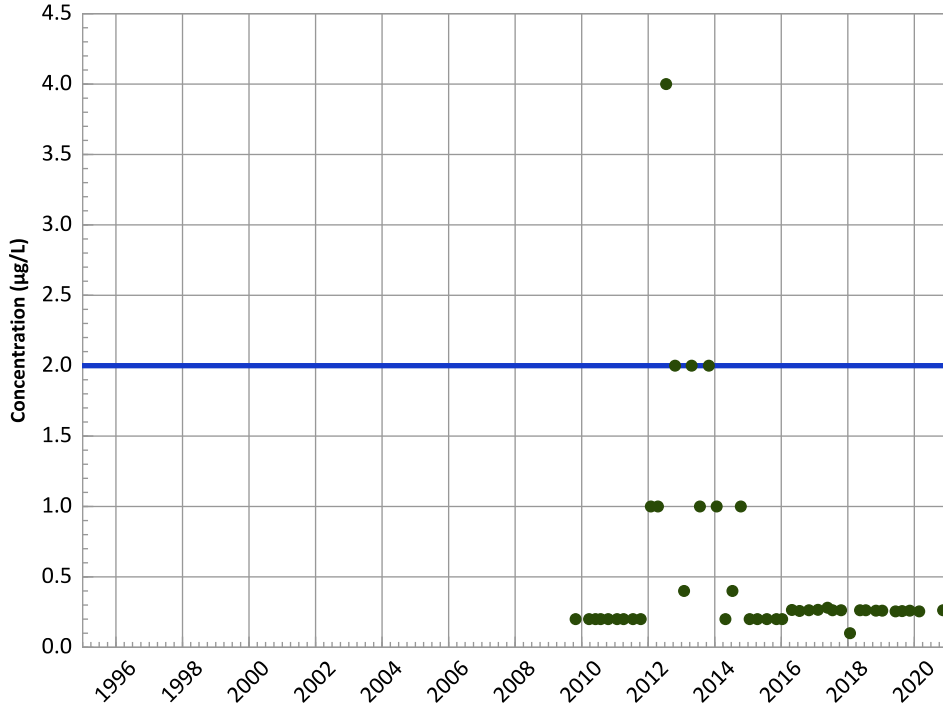
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

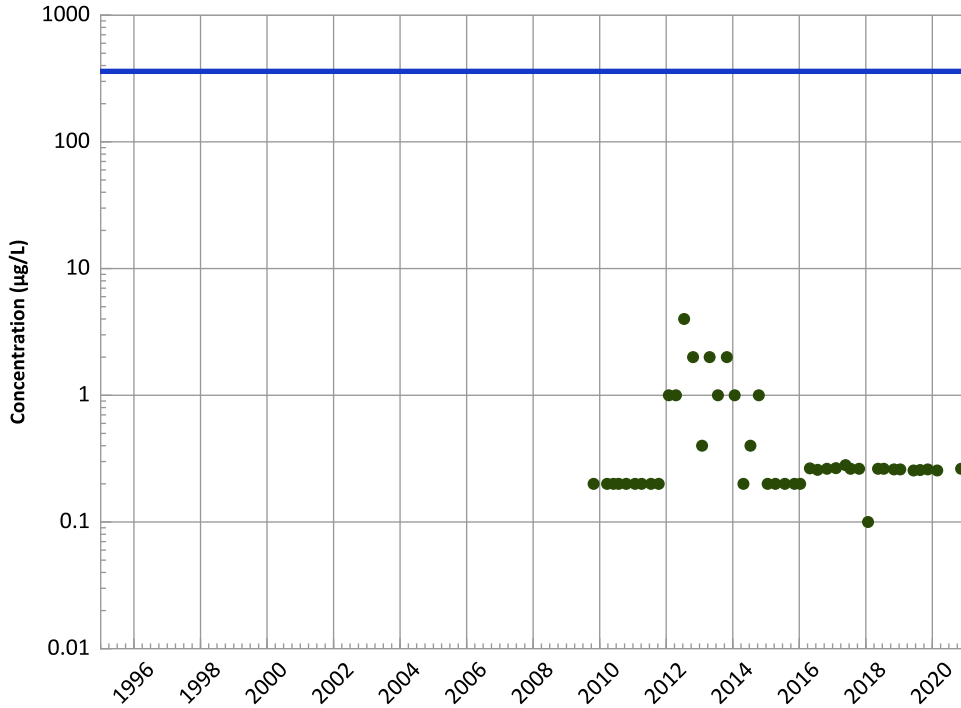
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

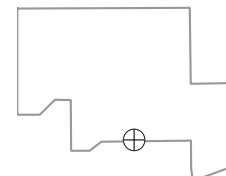
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

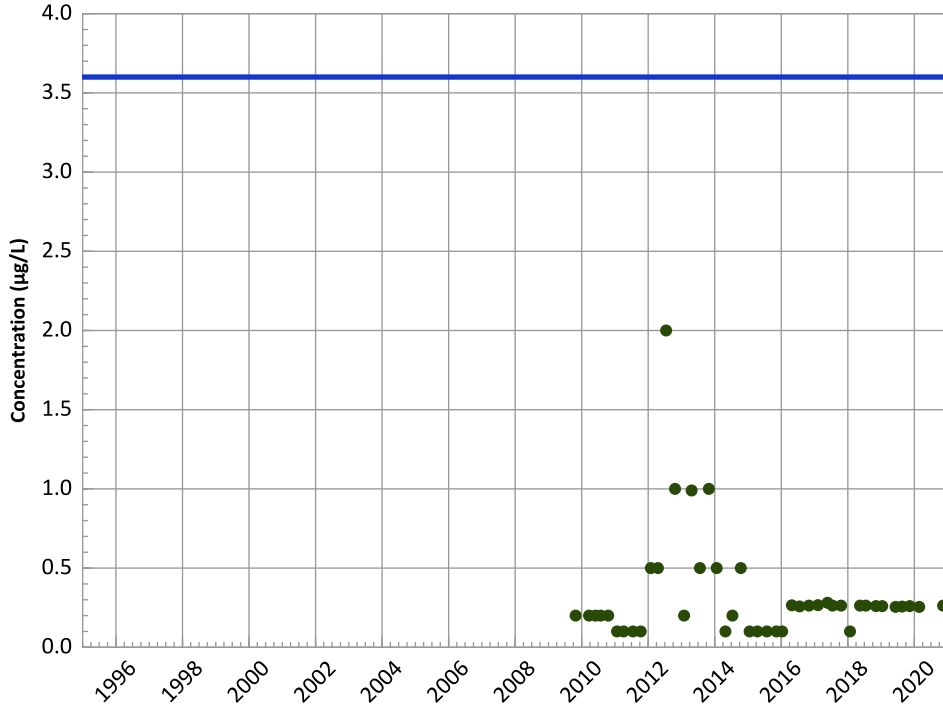
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

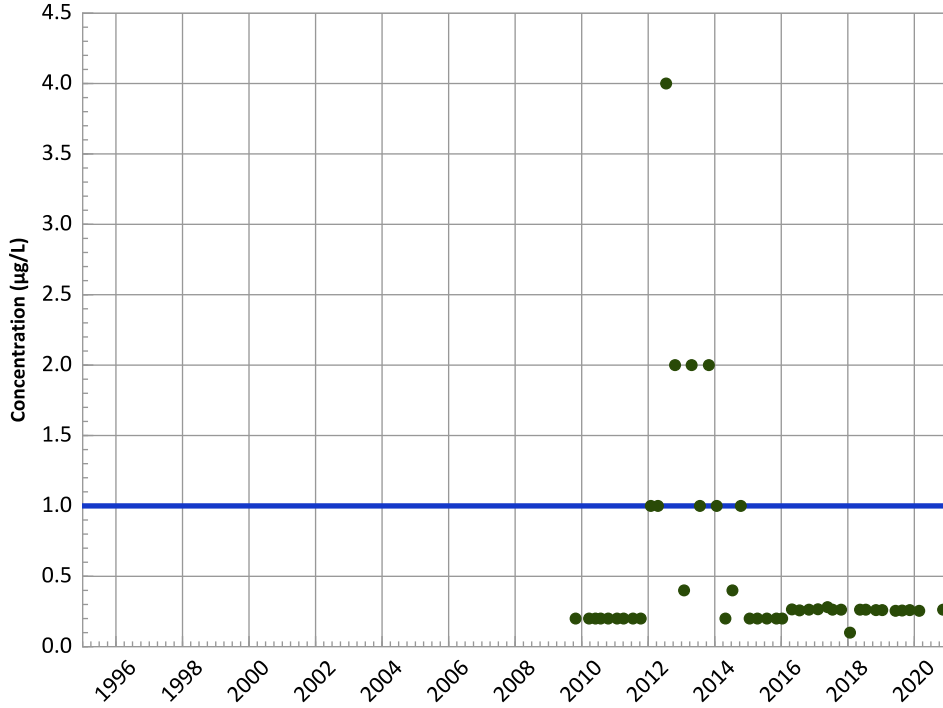
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect





All Data:
All Non-Detect

MAROS Linear Regression Method

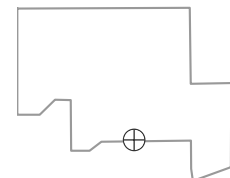
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

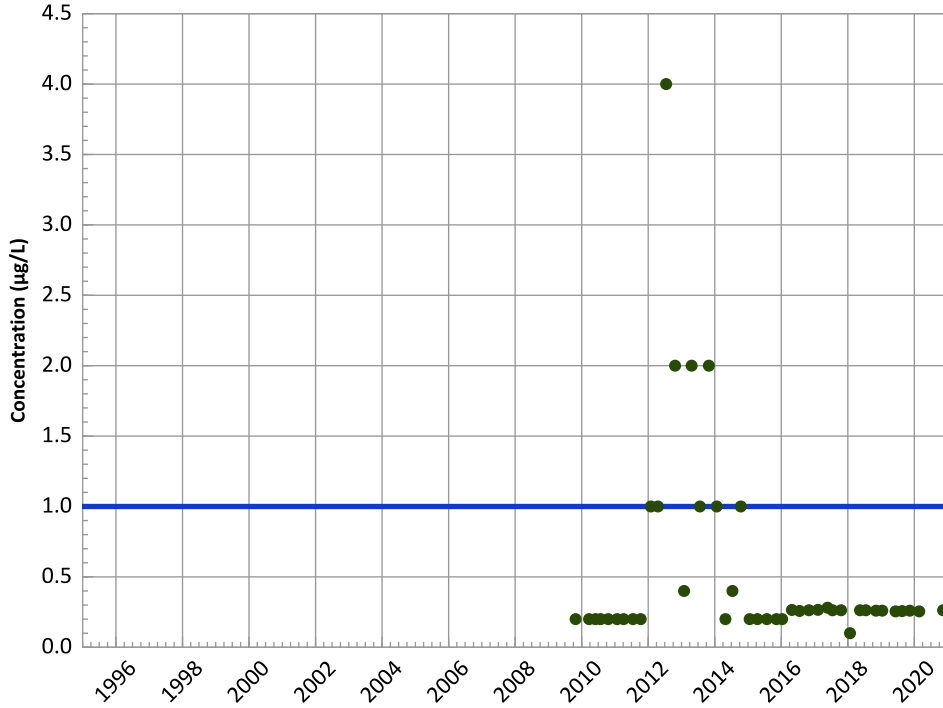
-  Measured Value
-  Sample Detection Limit
-  Concentration Trend
-  Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

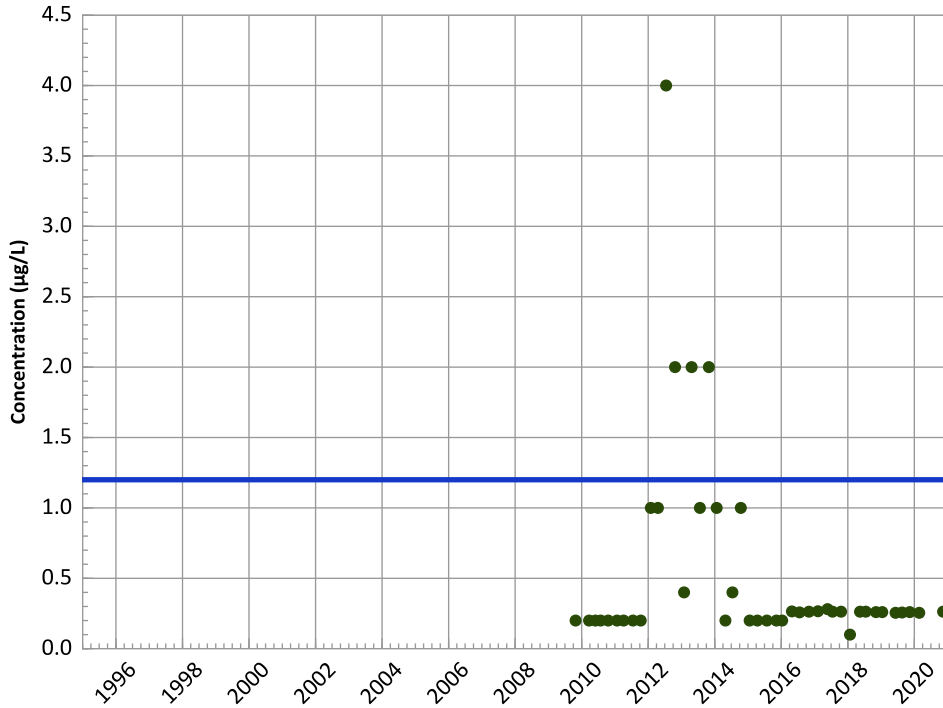
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

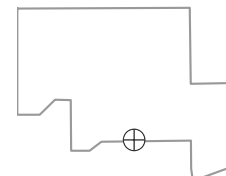
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

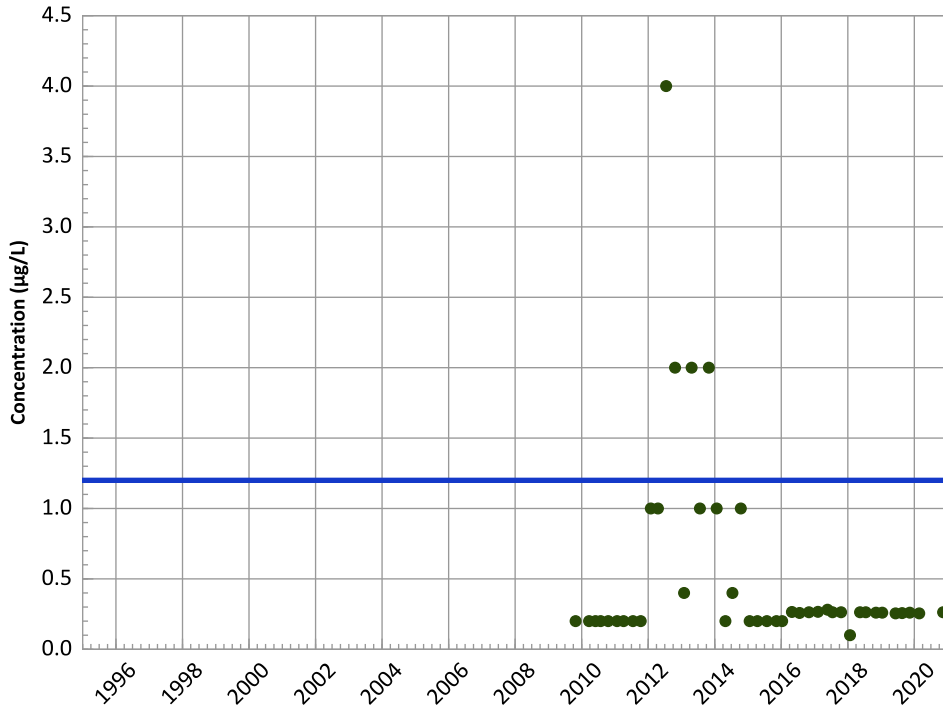
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

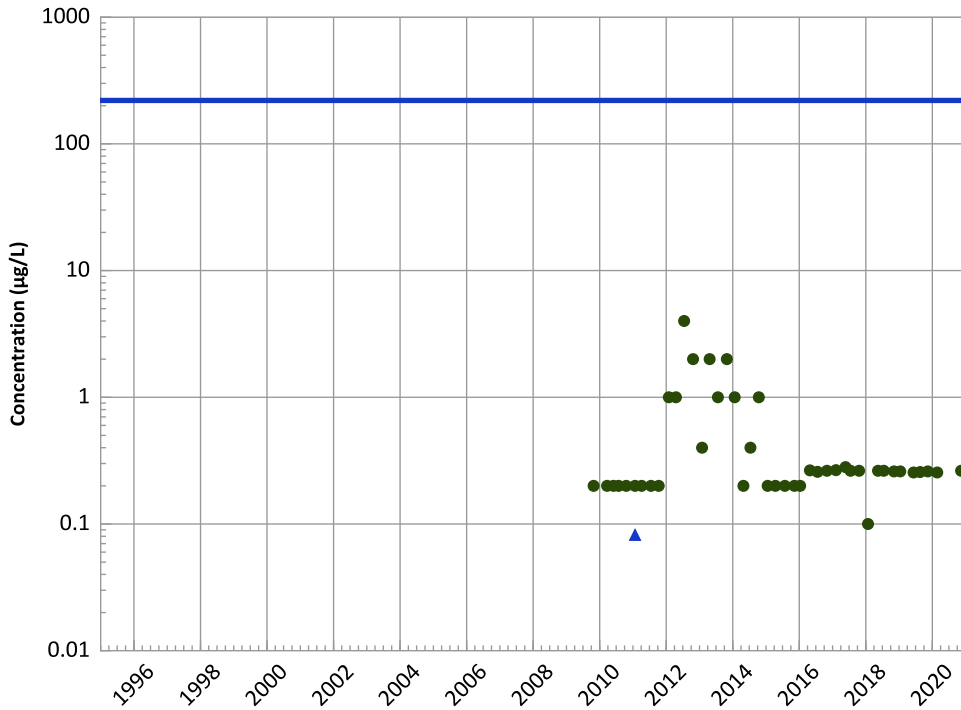
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

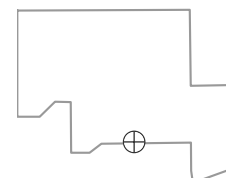
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

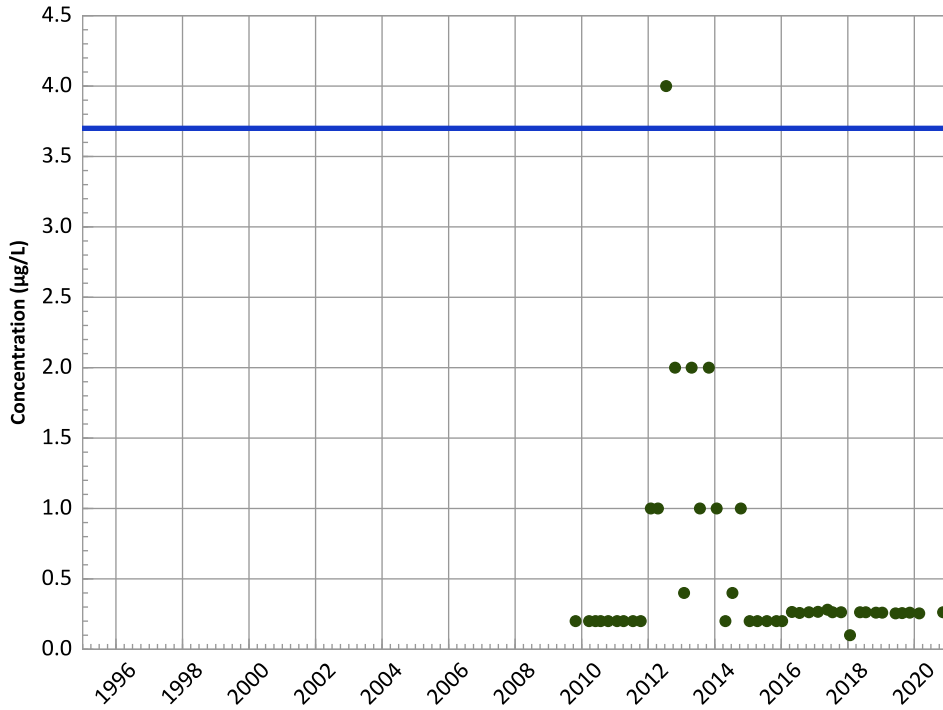


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

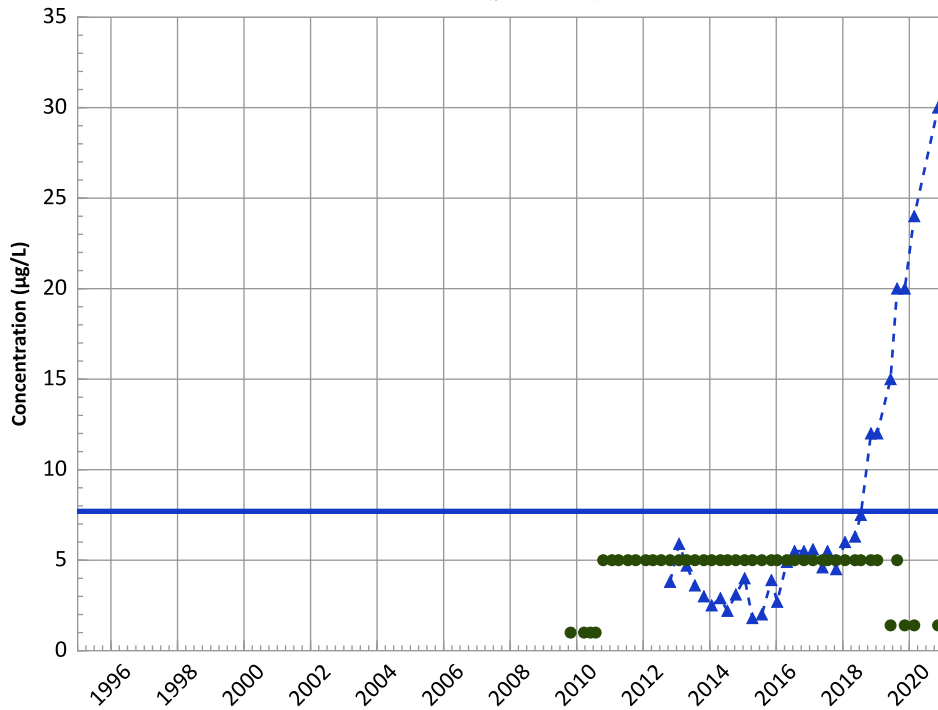
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

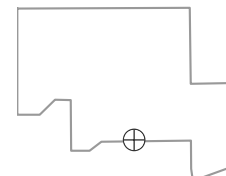
All Data:

Increasing

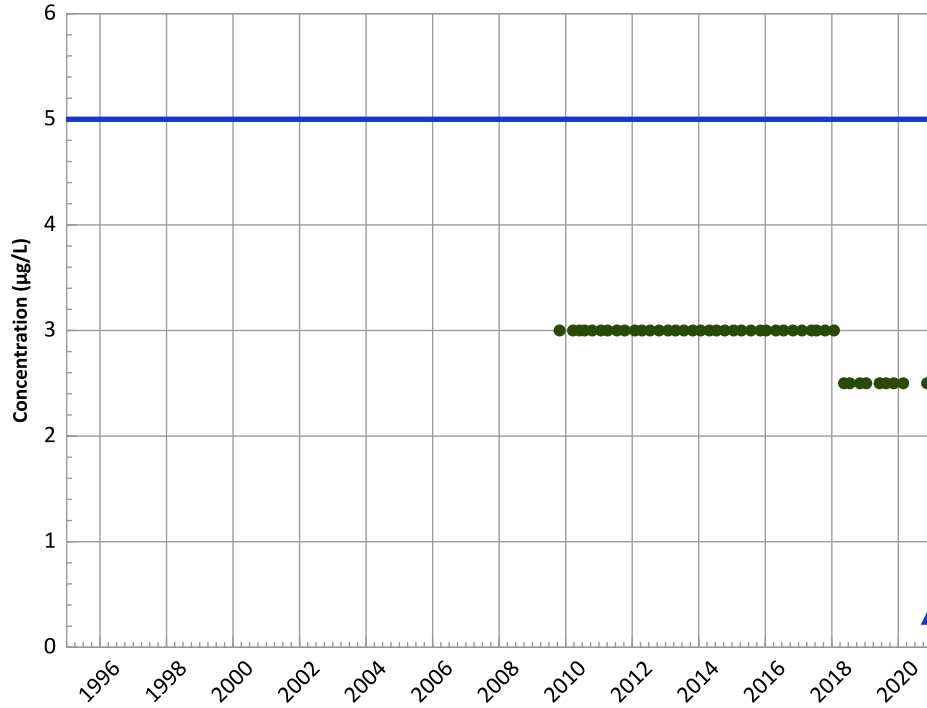
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

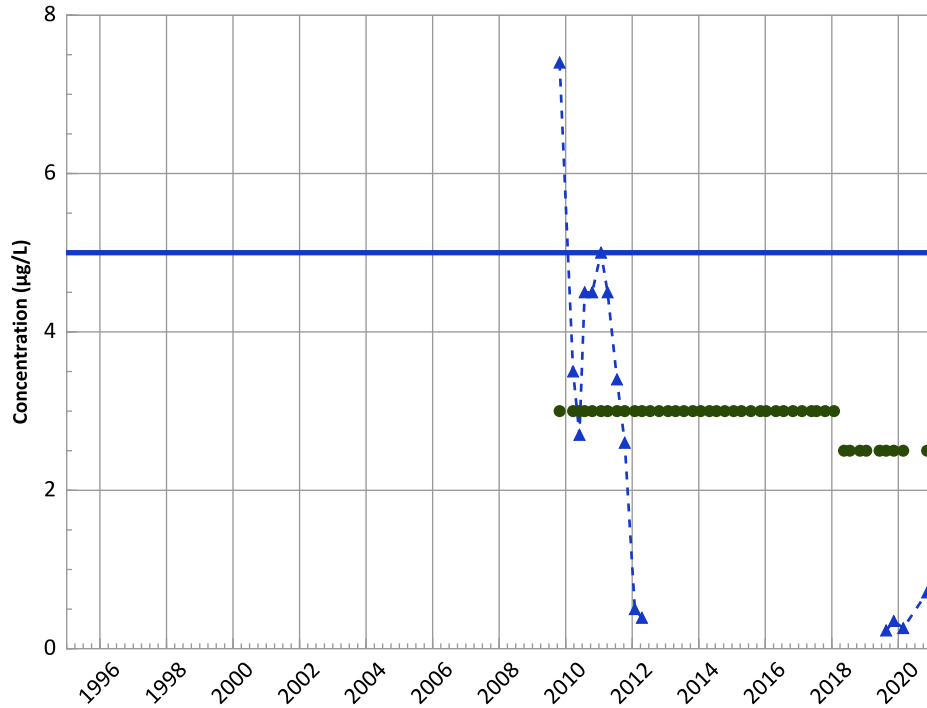


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend

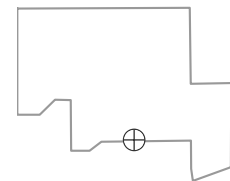


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

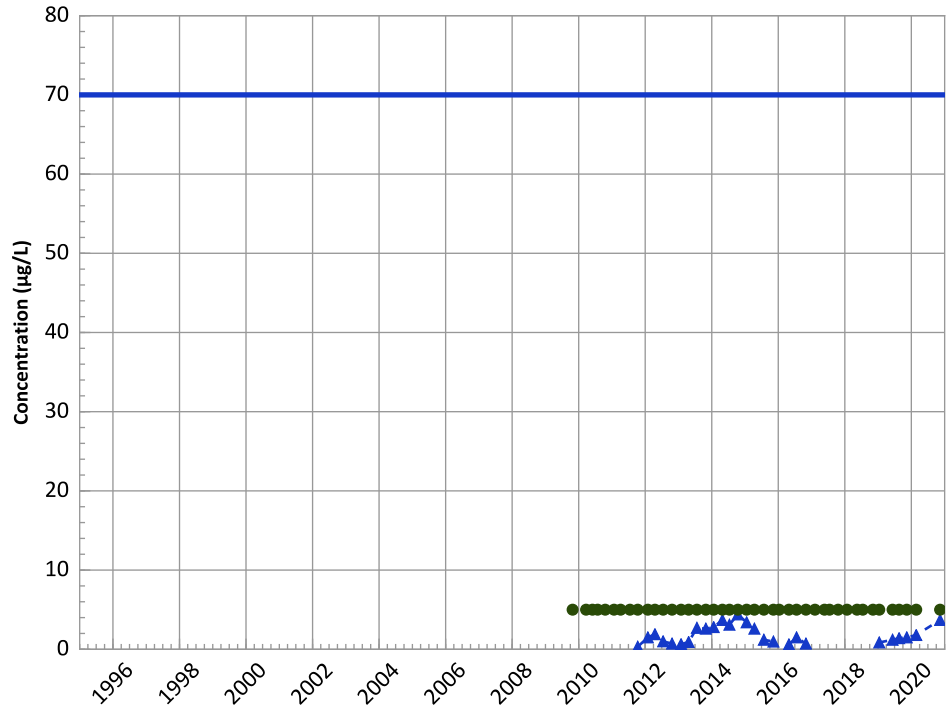
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

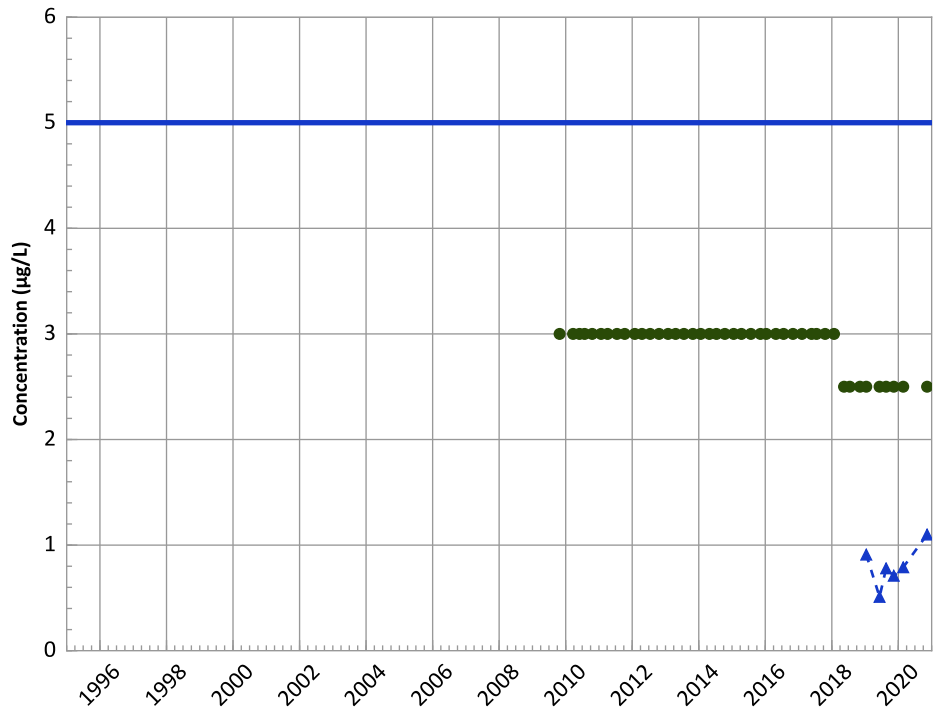
2018 - 2020 Data:

Probably Increasing

All Data:

No Trend

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

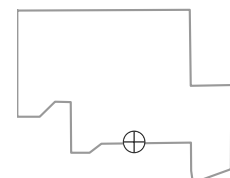
2018 - 2020 Data:

No Trend

All Data:

Increasing

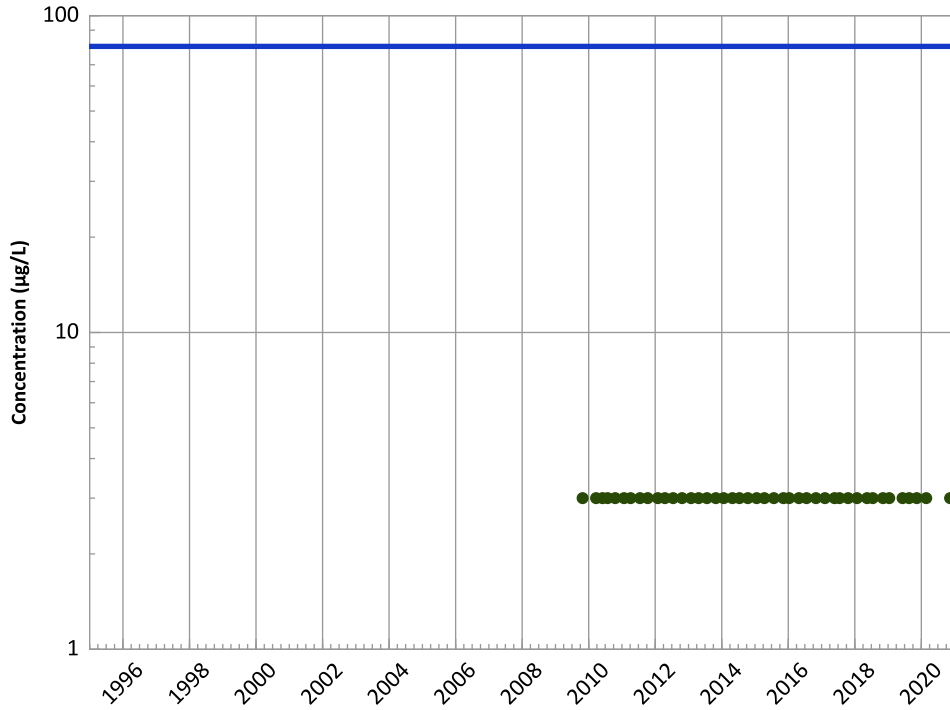
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

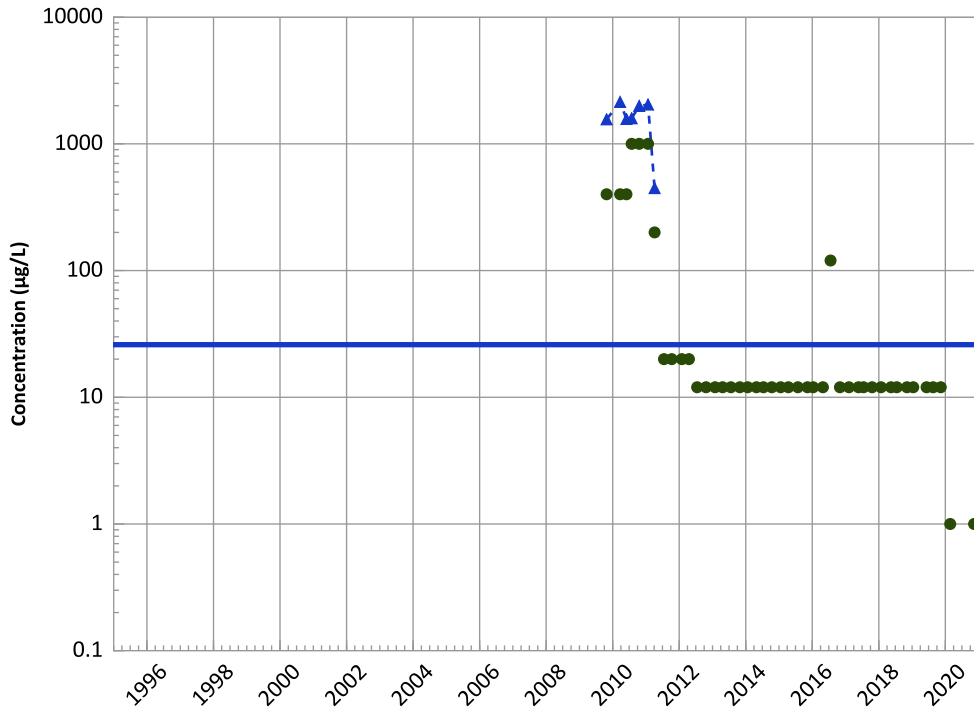
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

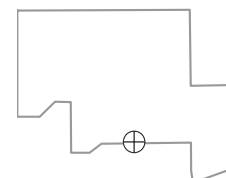
2018 - 2020 Data:

Stable

All Data:

Stable

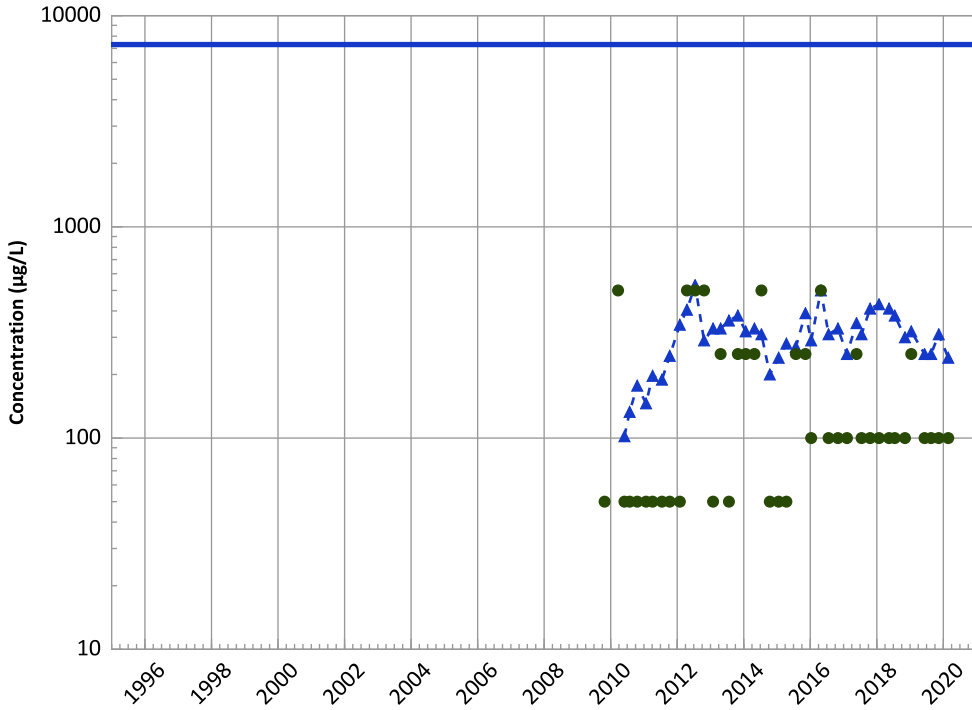
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

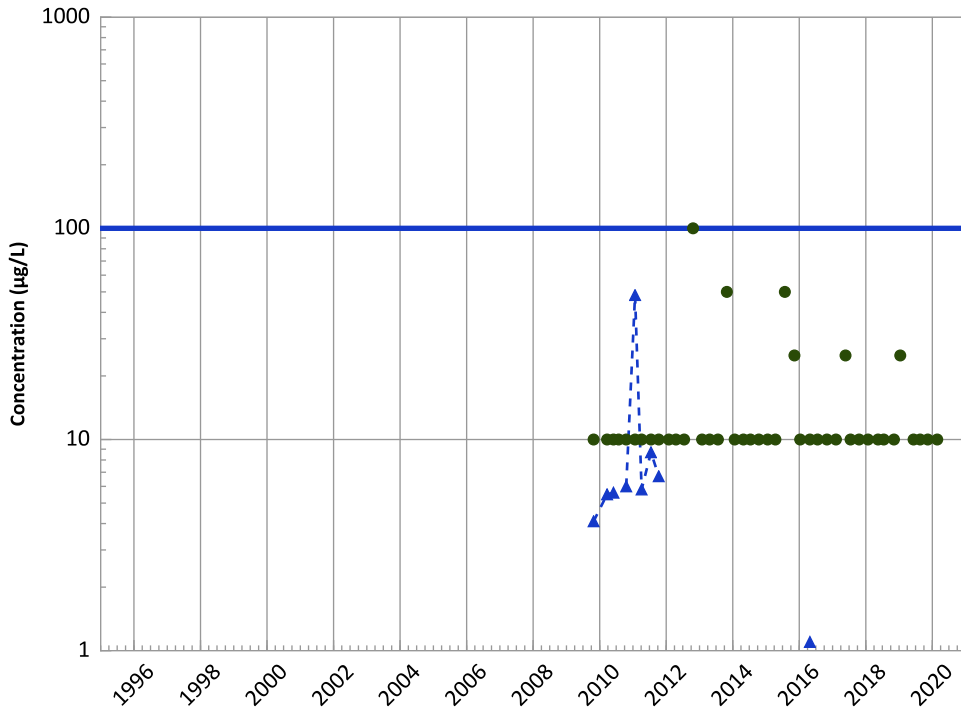
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

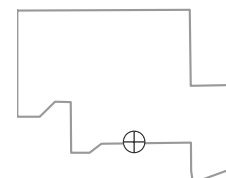
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

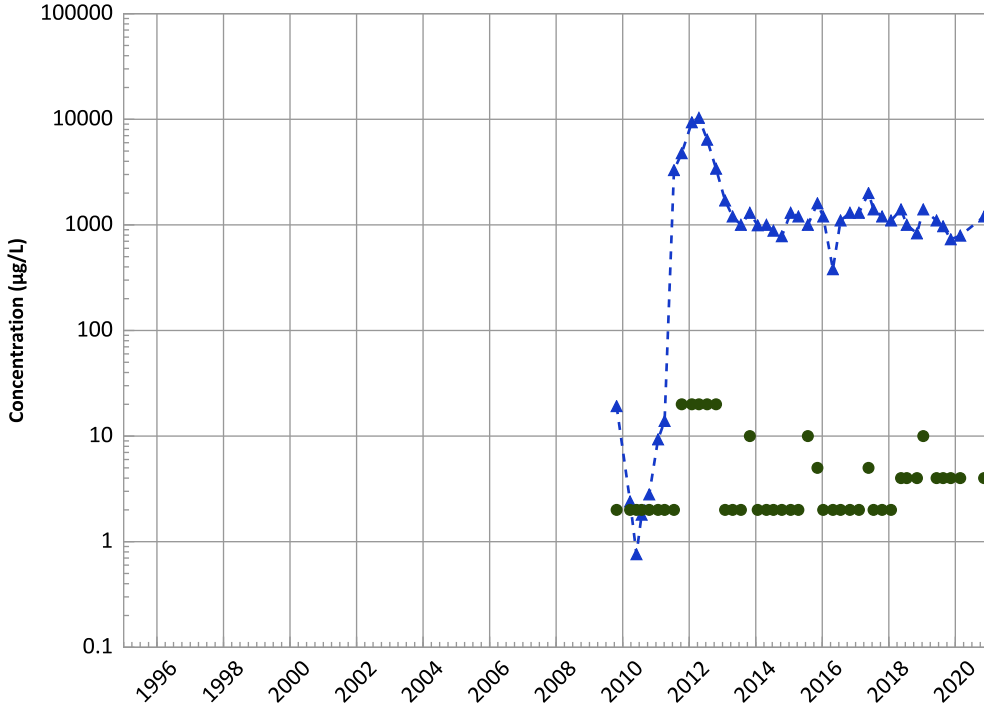


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

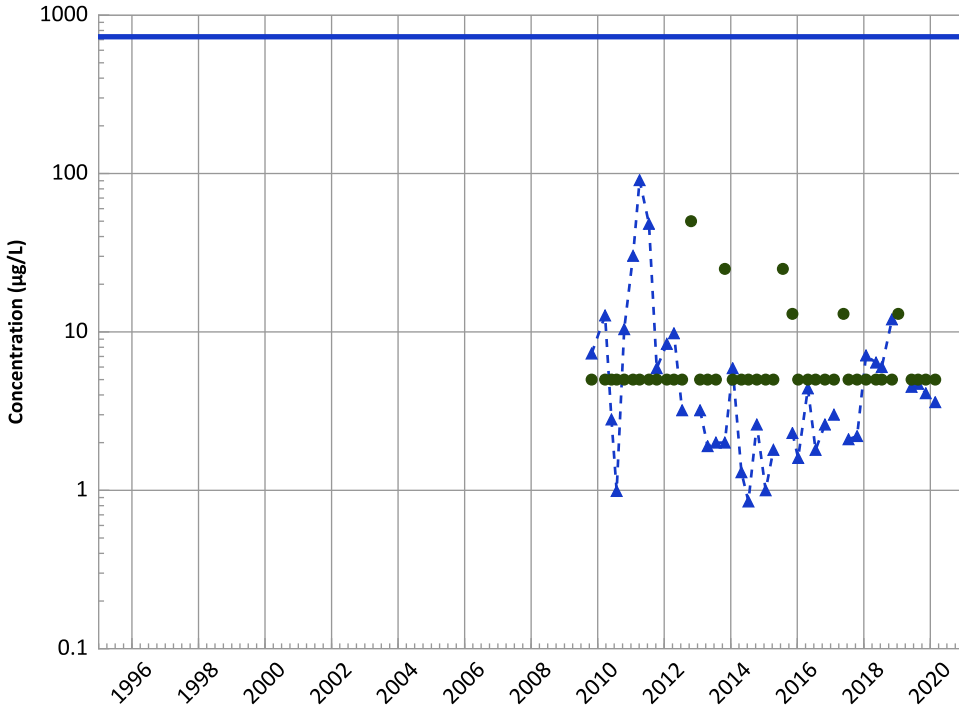
2018 - 2020 Data:

No Trend

All Data:

Increasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

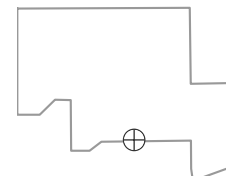
All Data:

Probably Decreasing

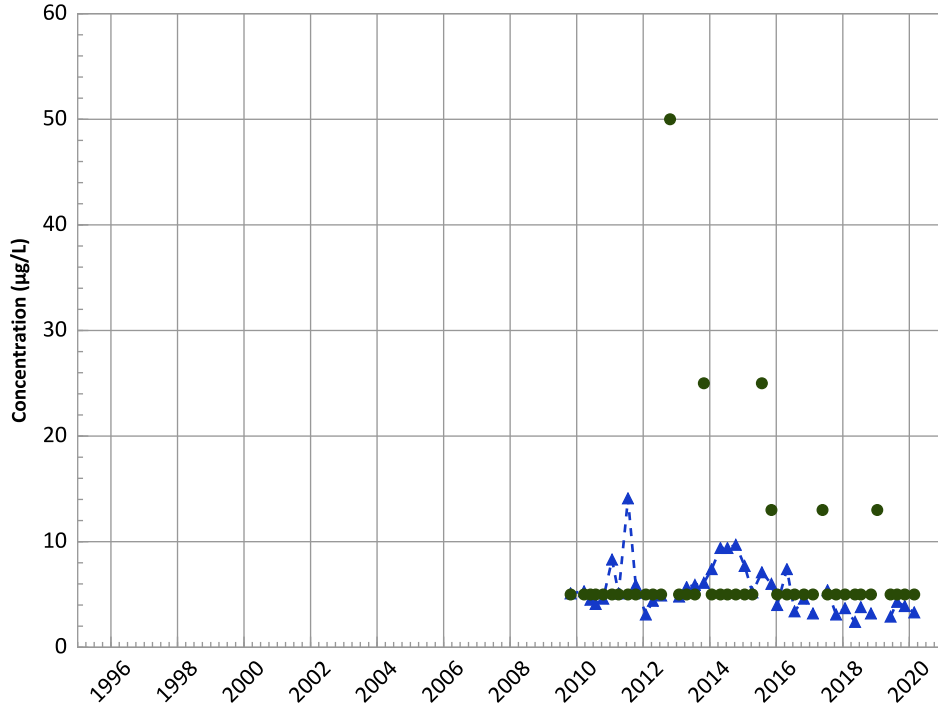
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

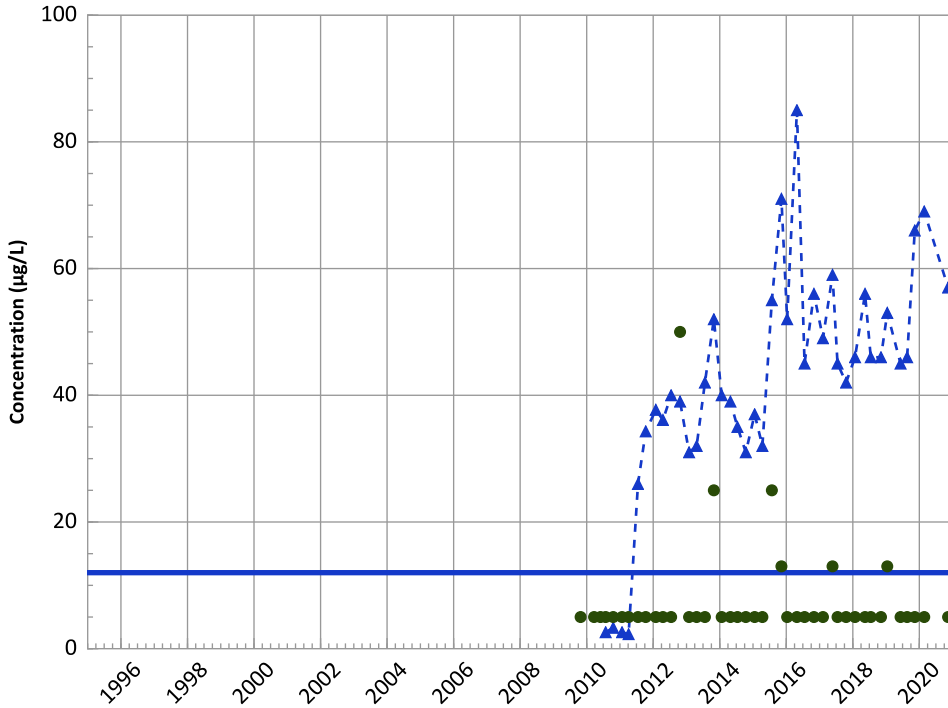


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

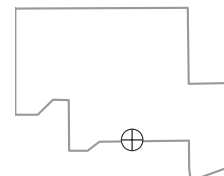
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

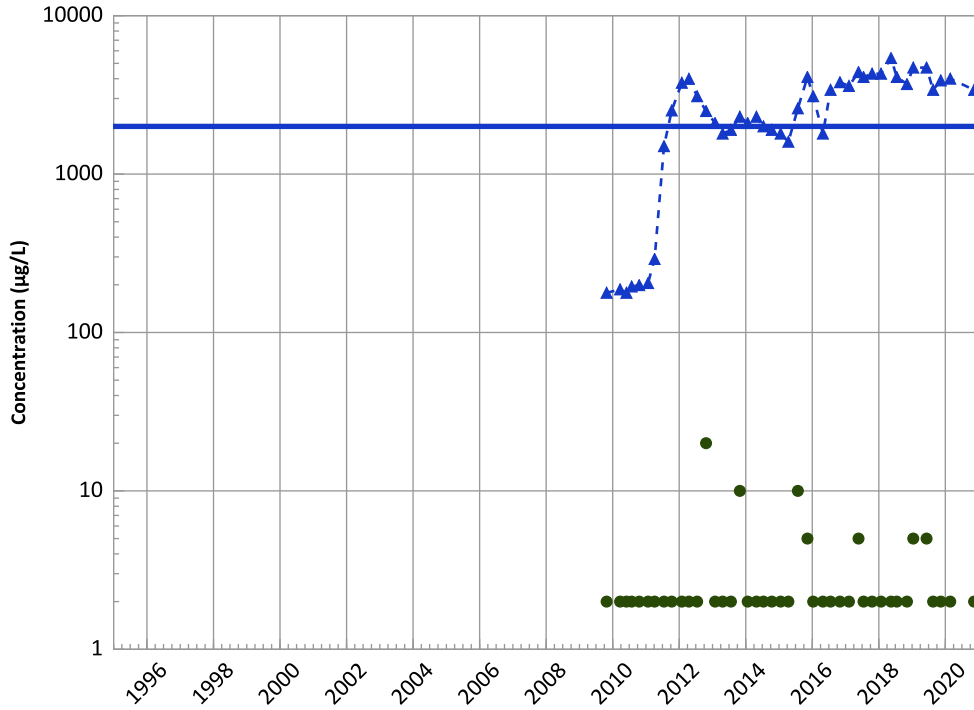
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

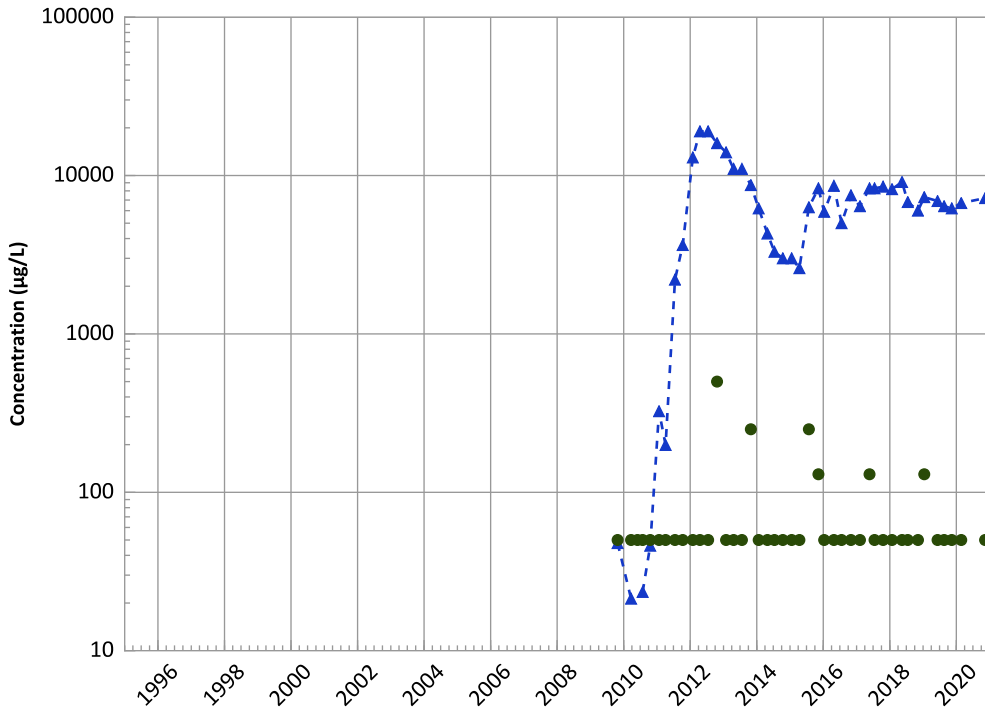
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

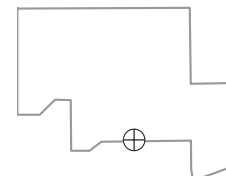
All Data:

Increasing

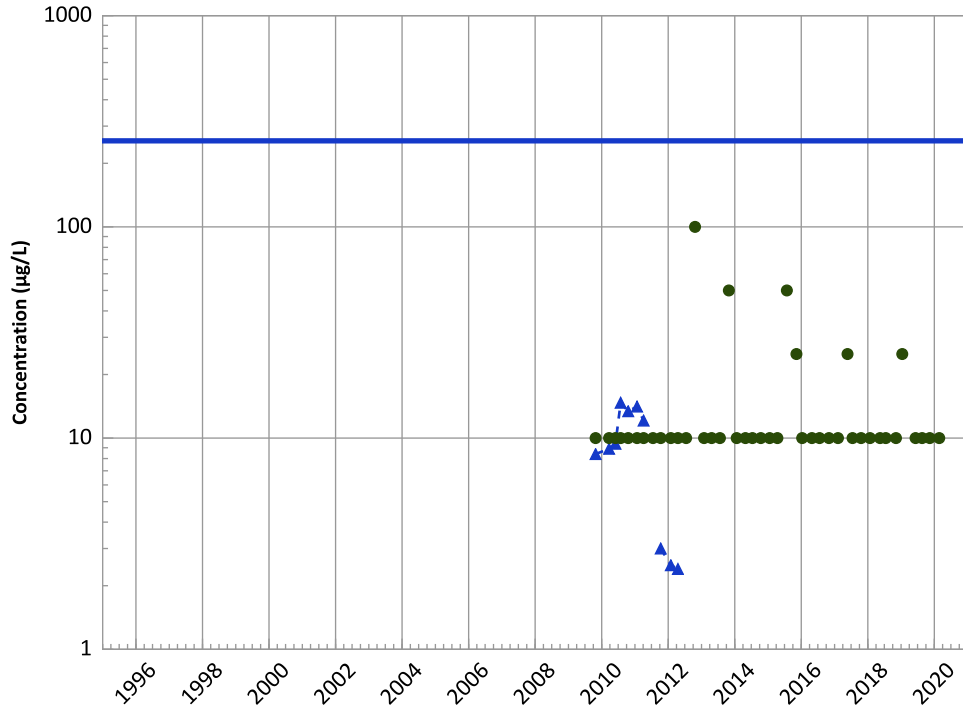
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

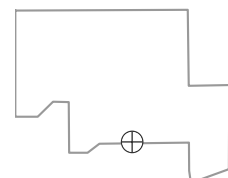
All Data:

Decreasing

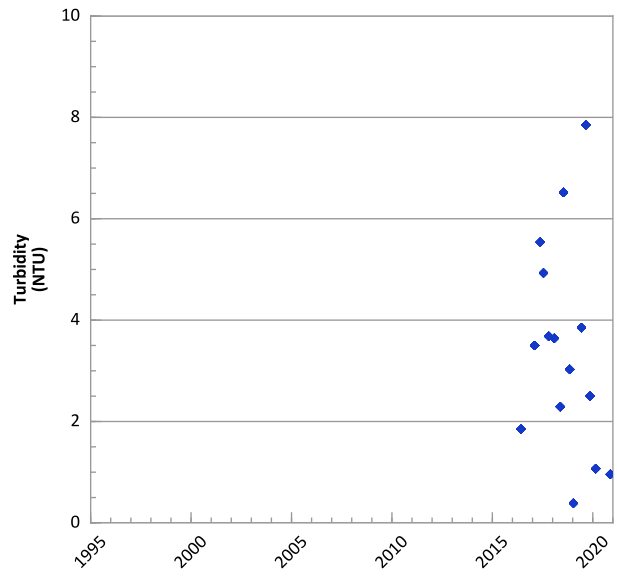
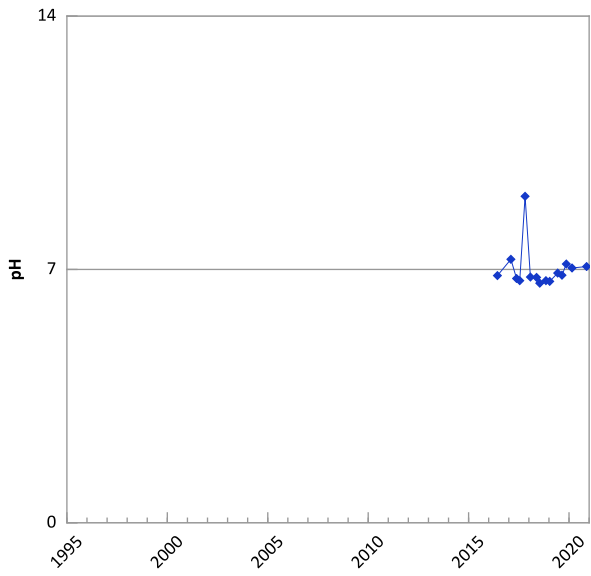
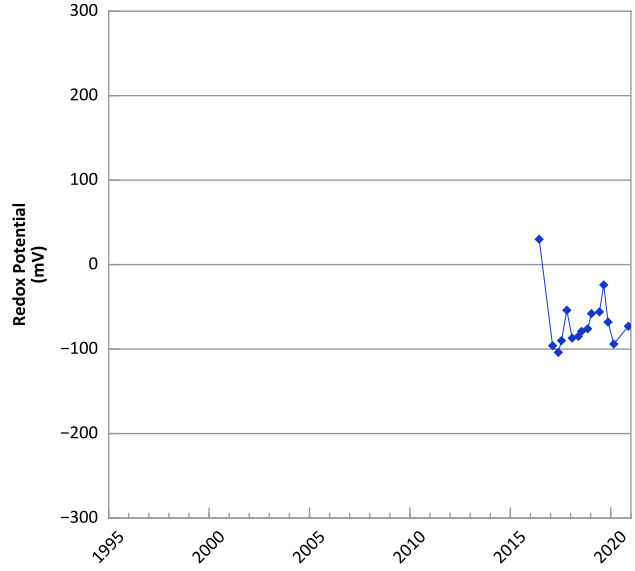
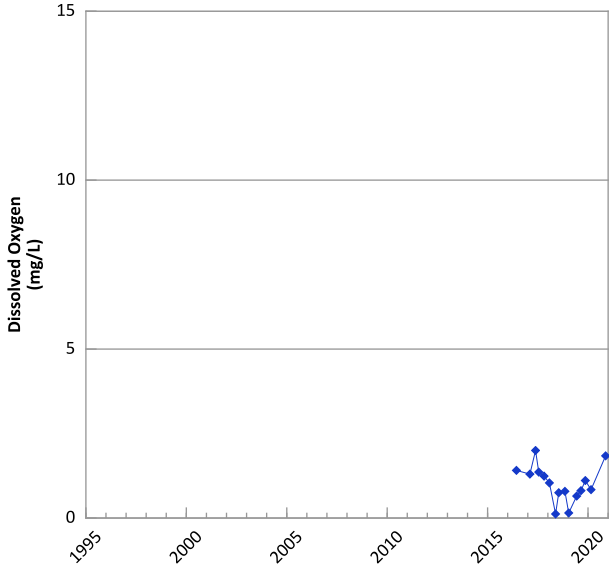
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

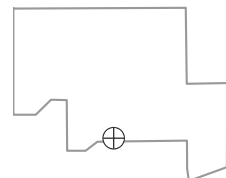


**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



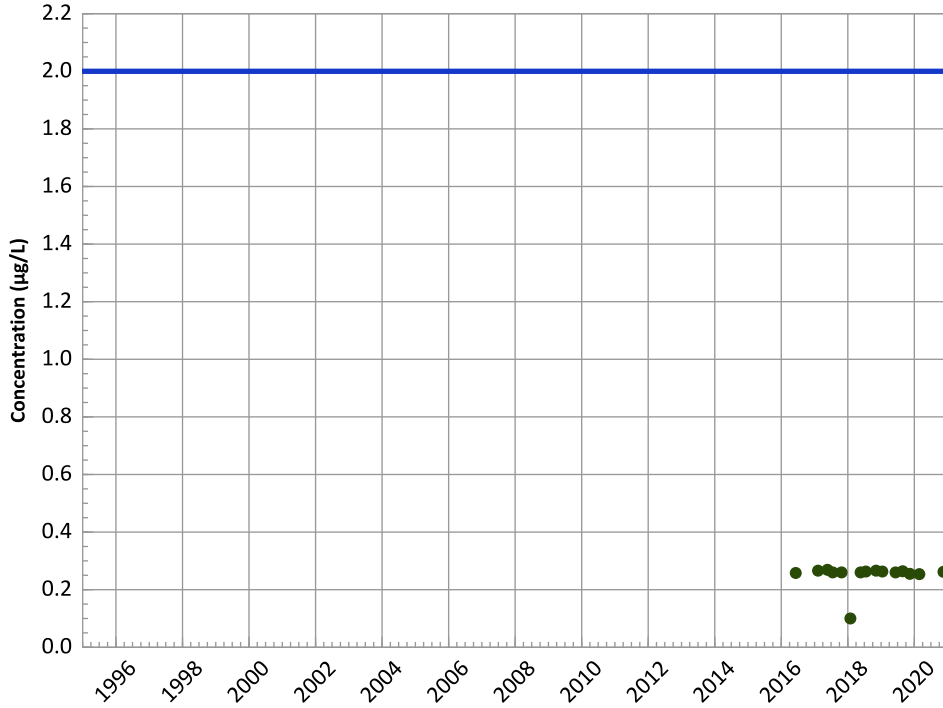
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

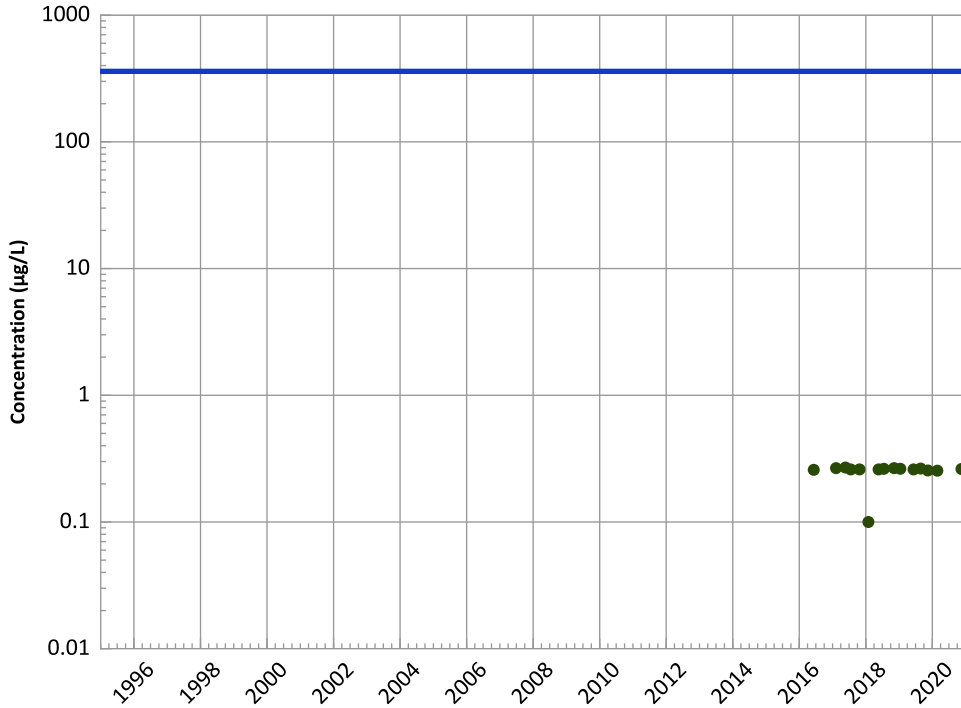
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

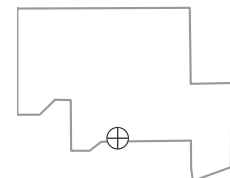
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

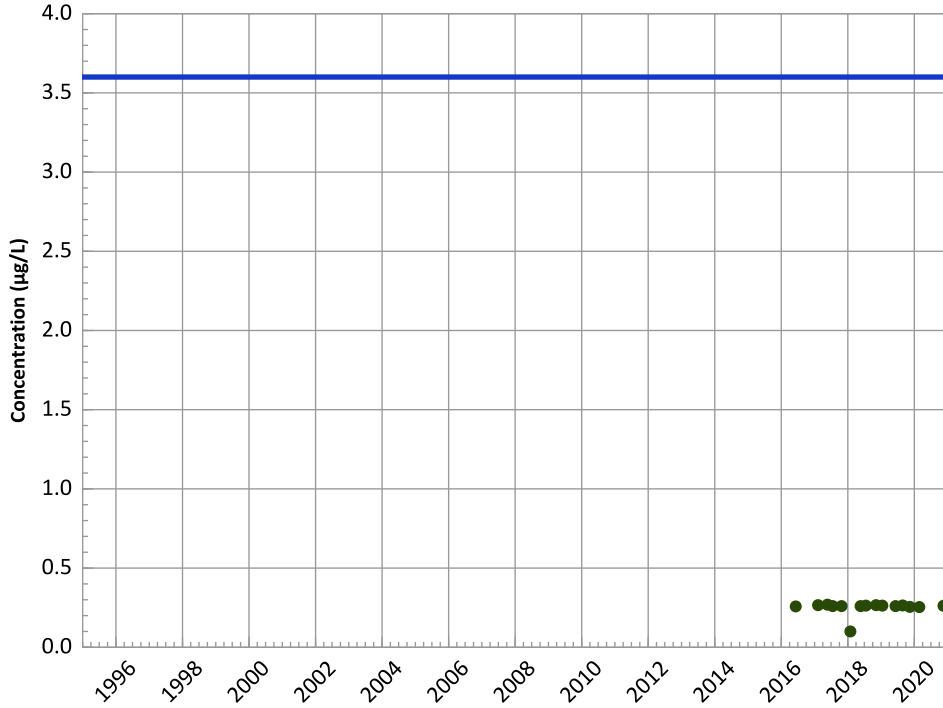
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

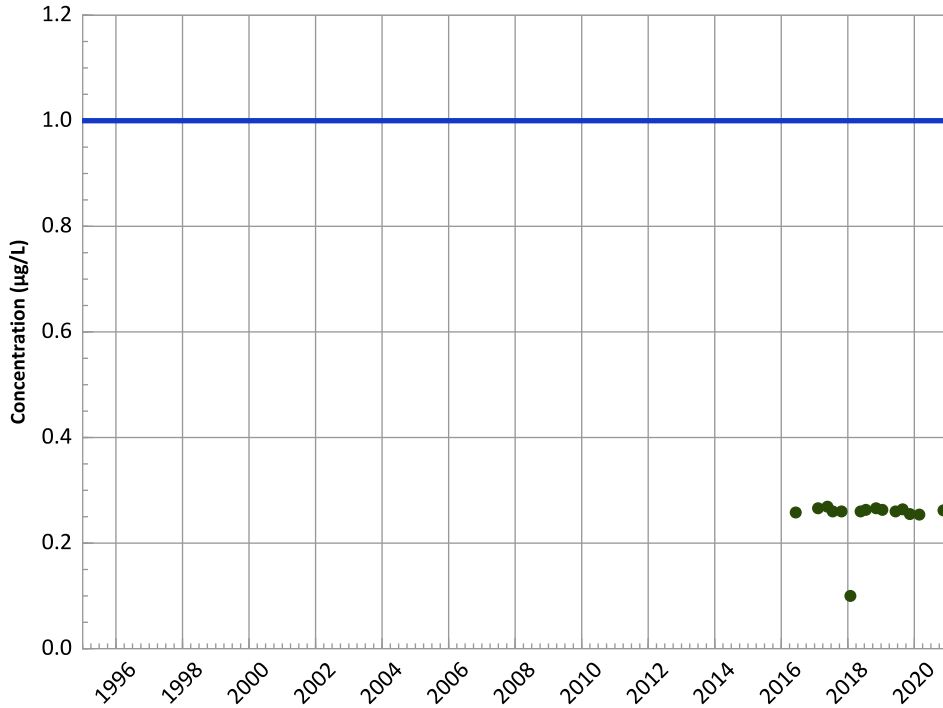
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

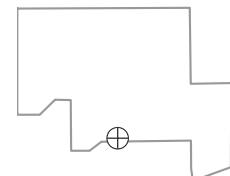
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

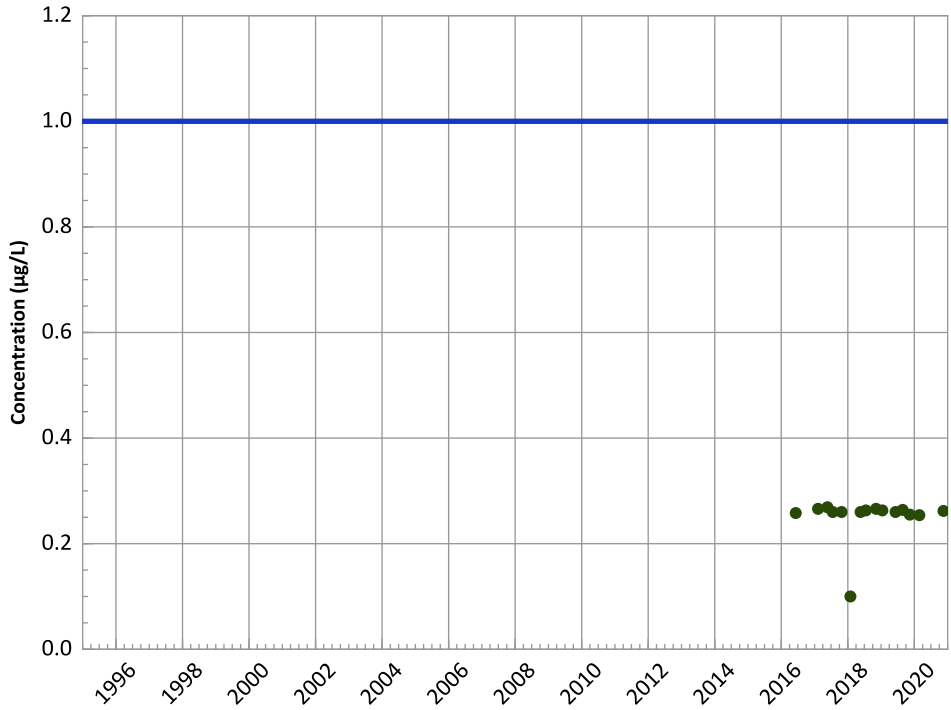
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**

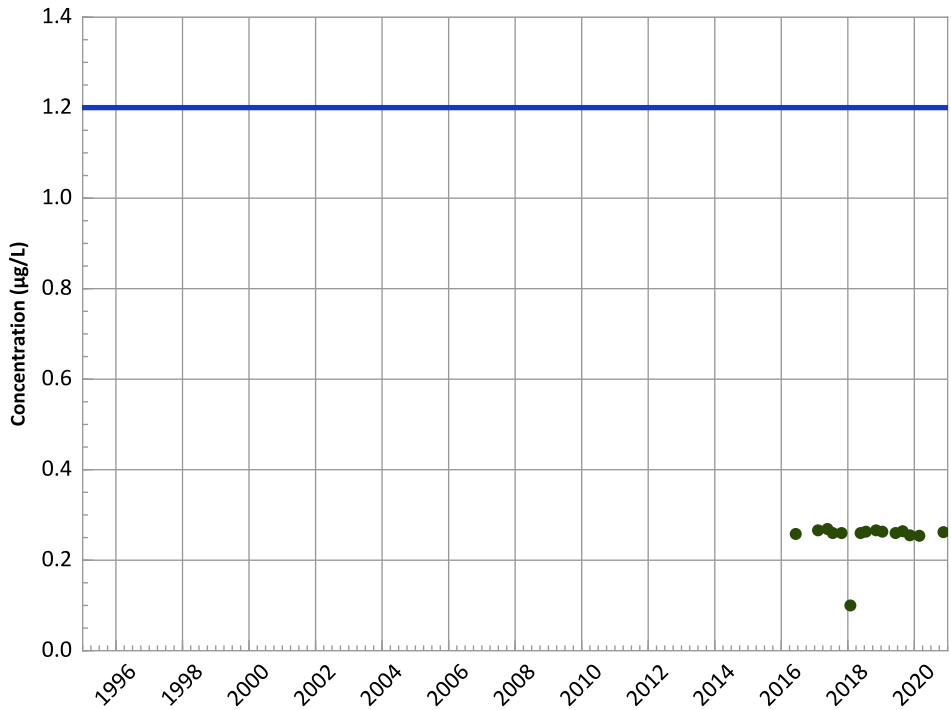


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

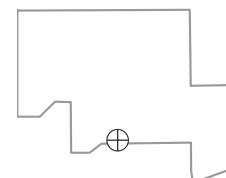


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

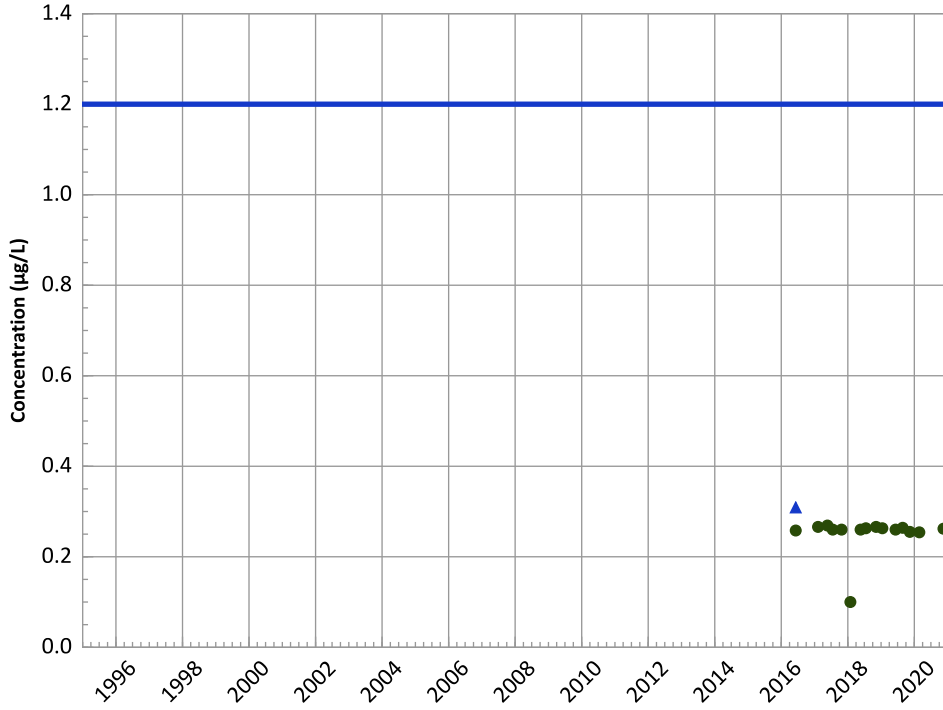


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

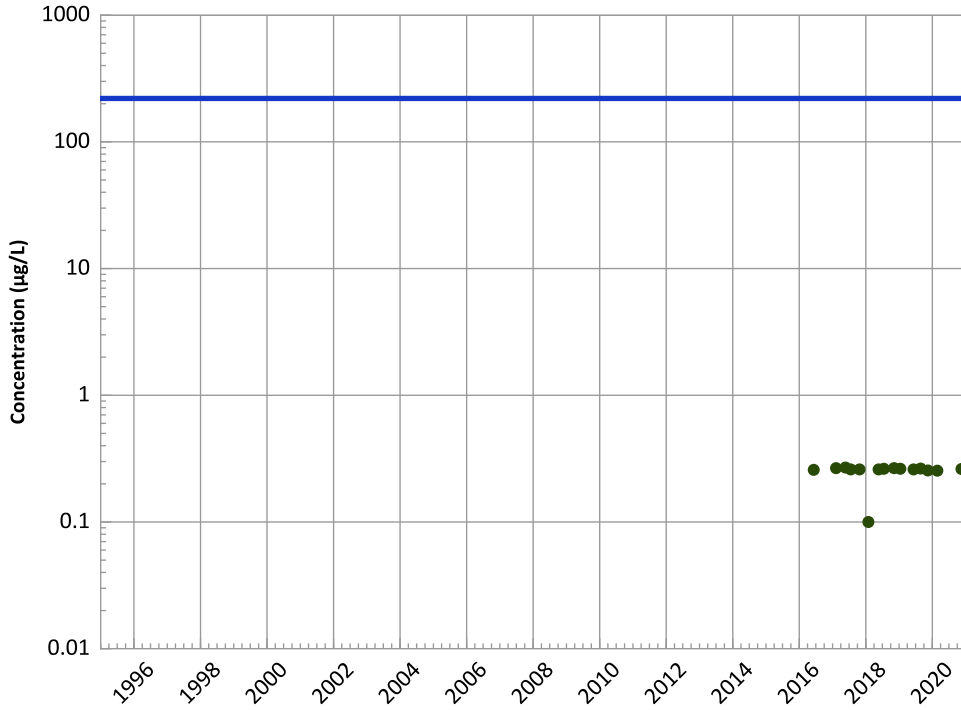
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

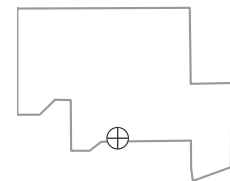
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

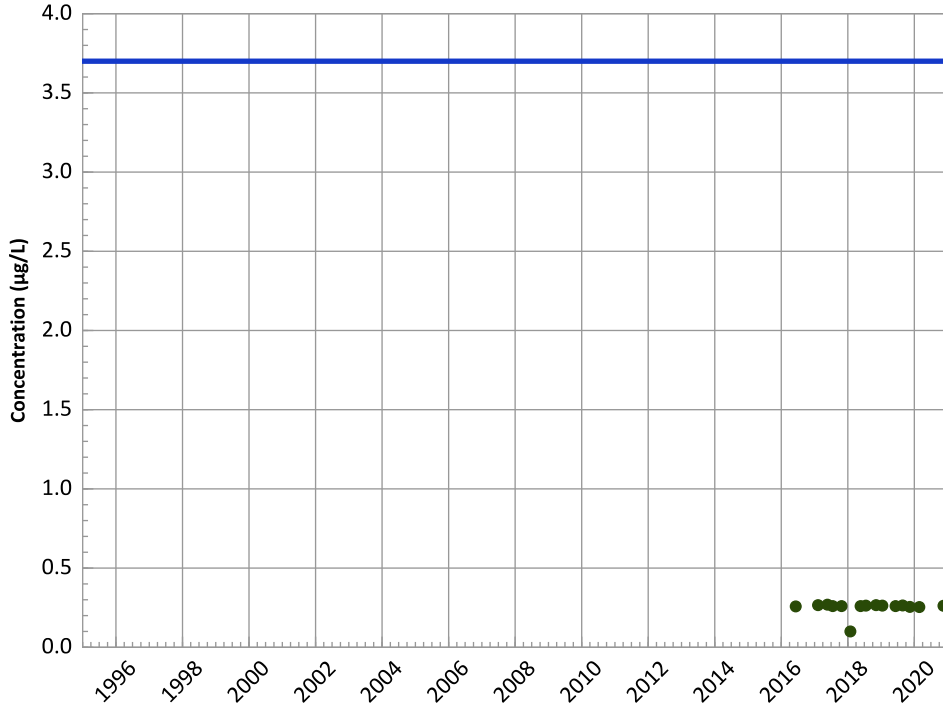


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

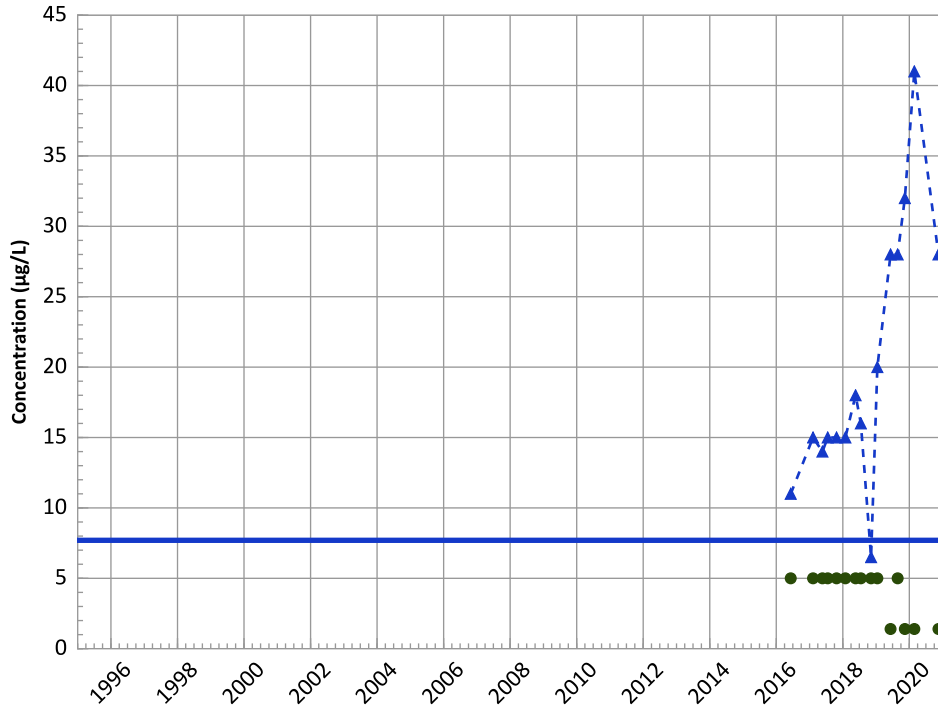
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

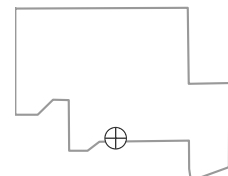
All Data:

Increasing

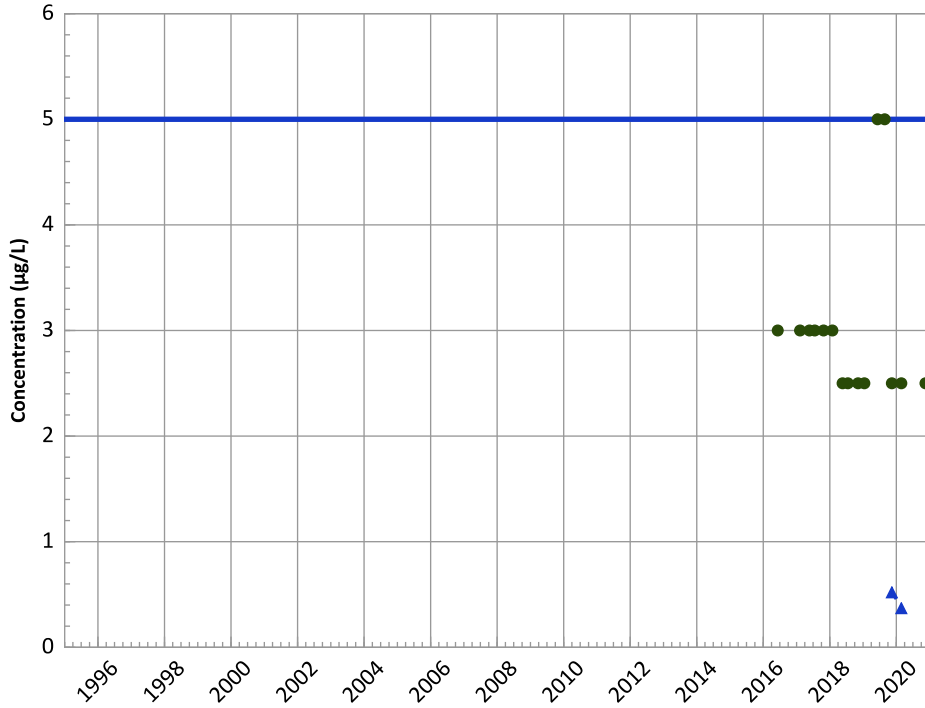
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

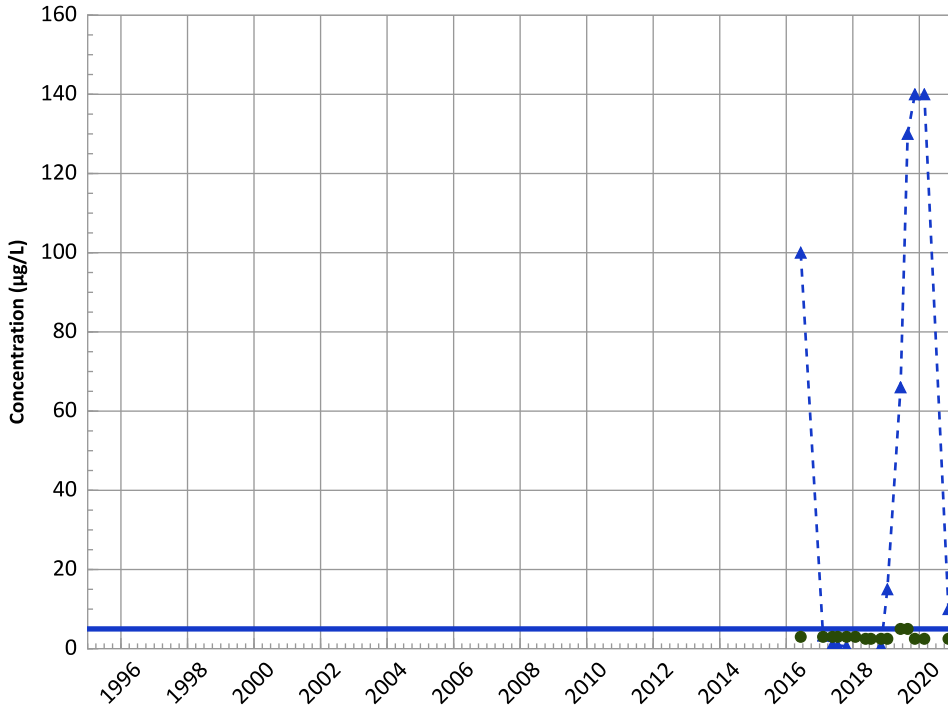


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

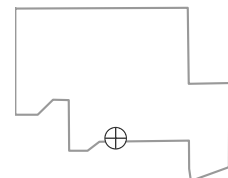
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

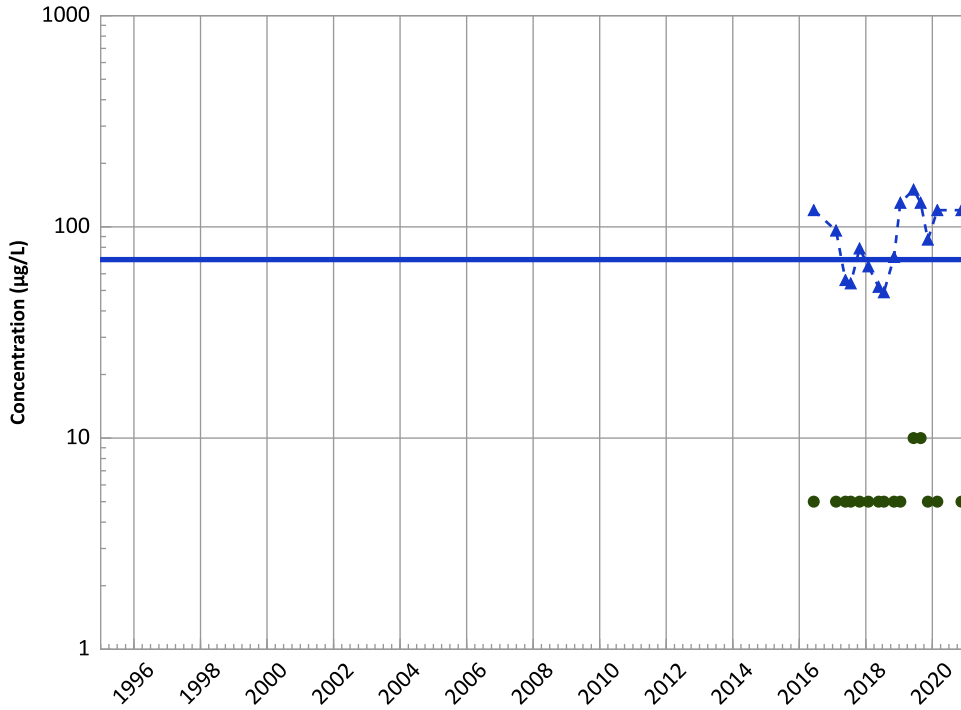
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend

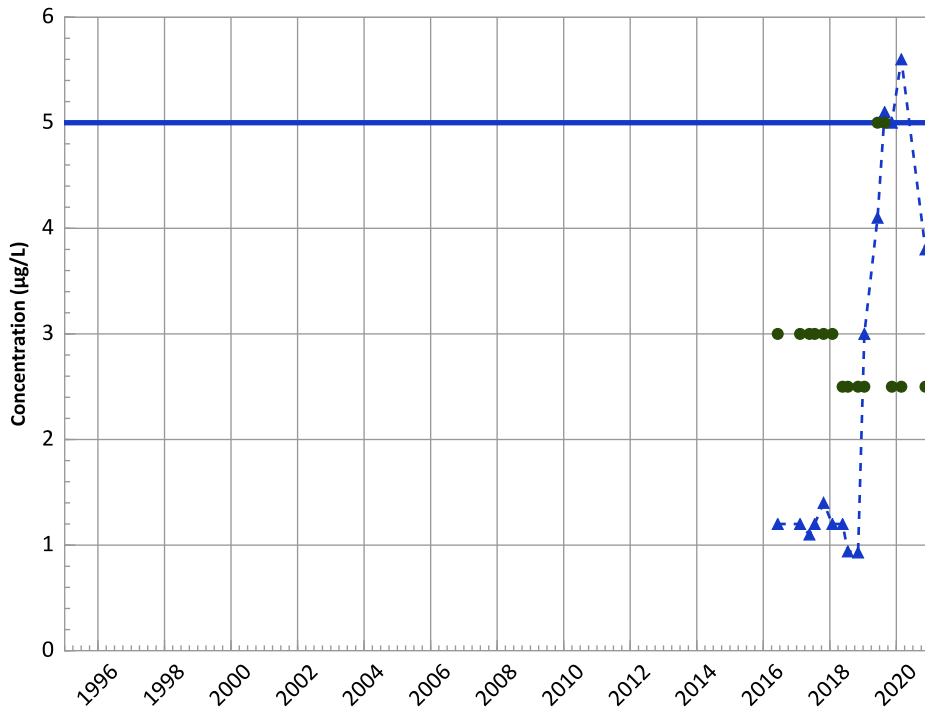


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

1,2-Dichloroethane Trend

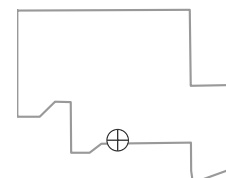


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

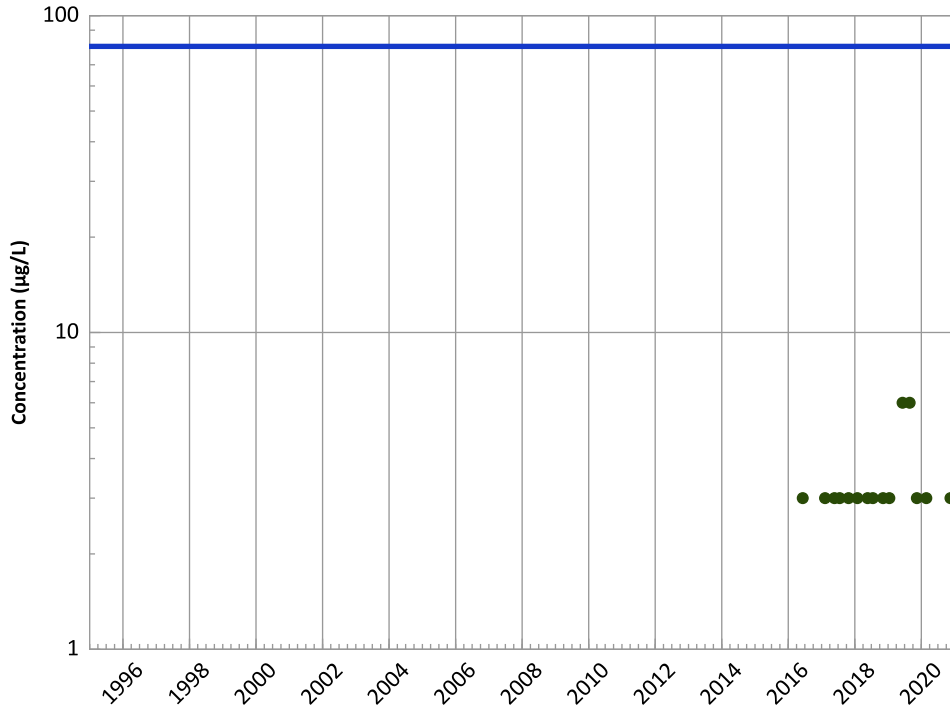
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

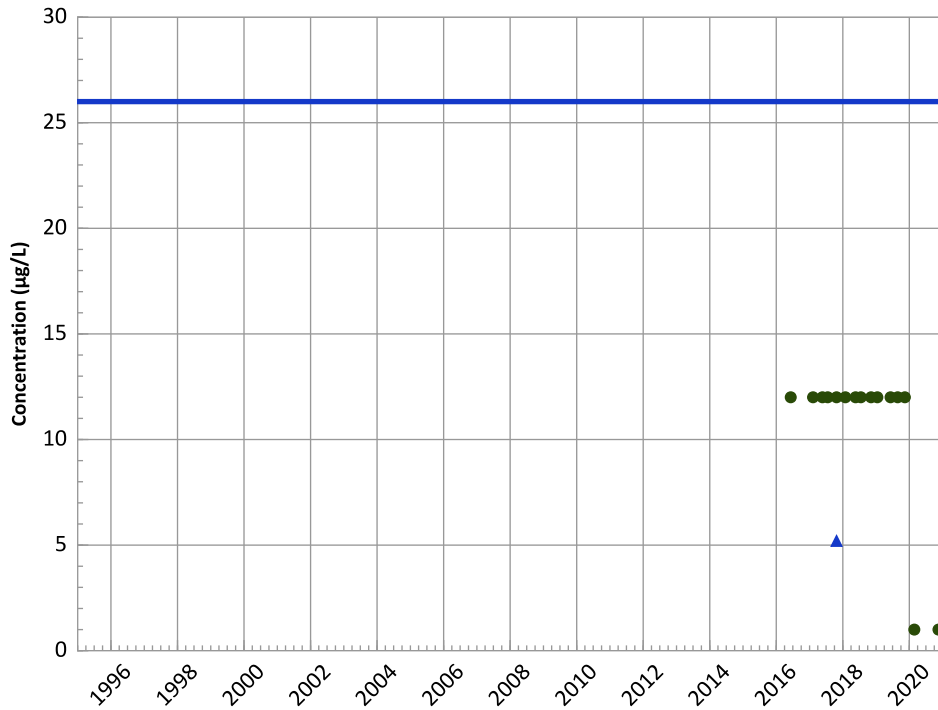
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

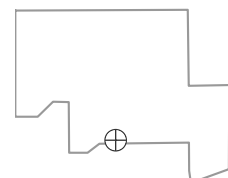
All Data:

N/A (<4 Detections in Dataset)

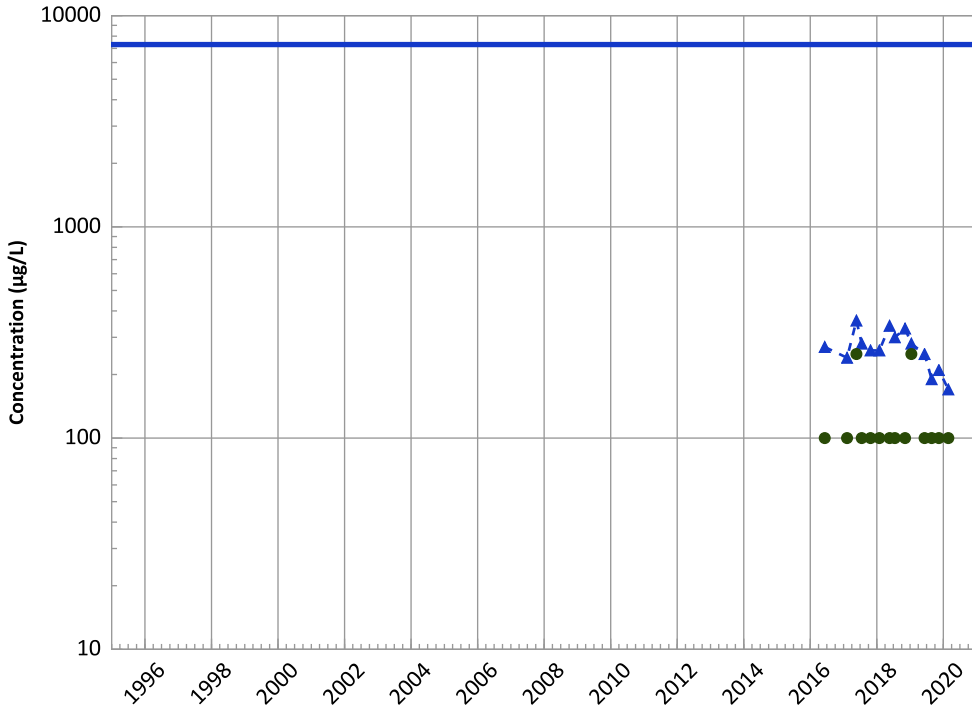
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

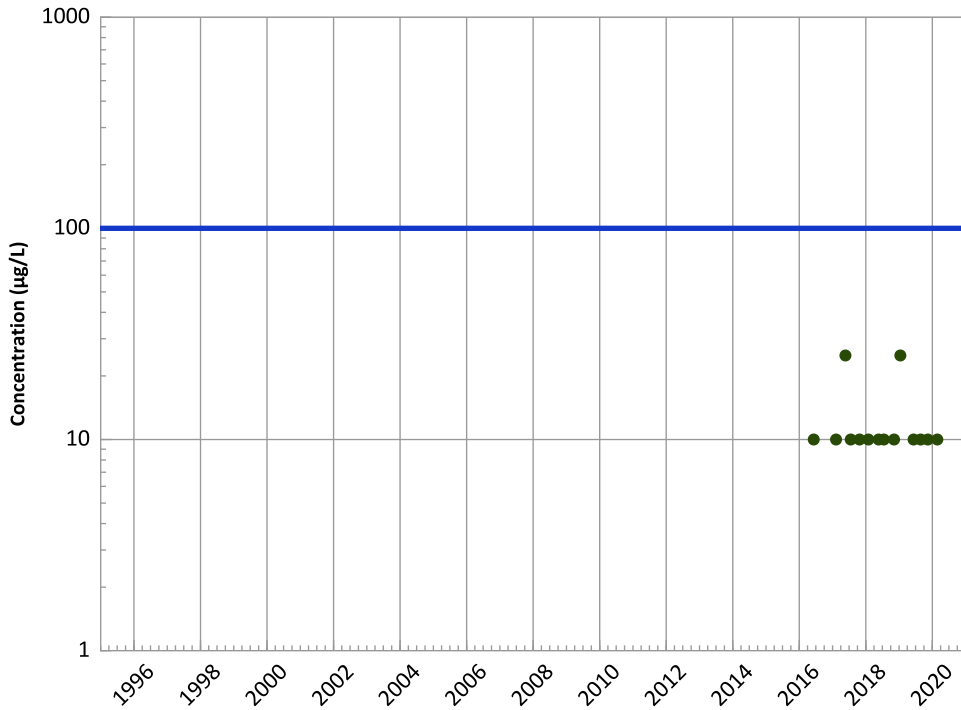
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

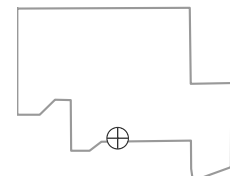
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

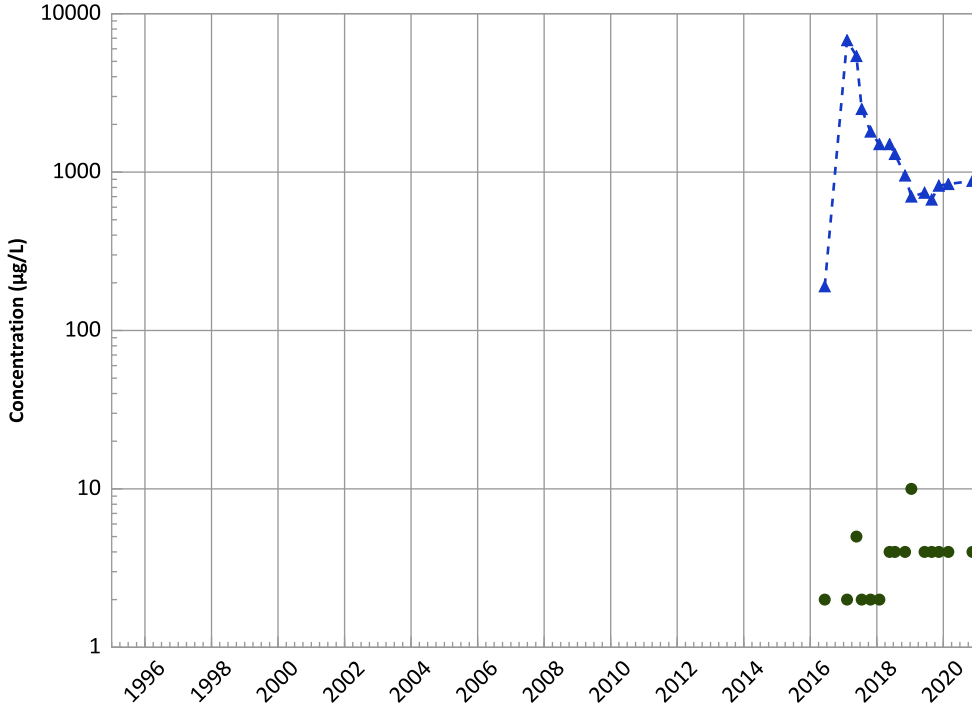
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

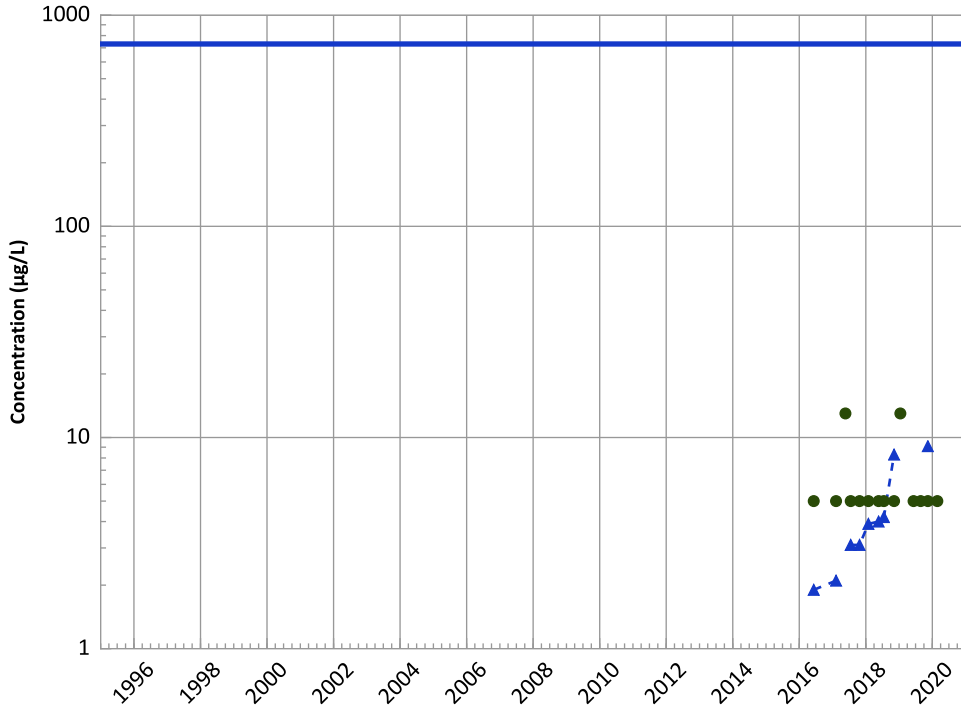
2018 - 2020 Data:

Increasing

All Data:

No Trend

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Probably Increasing

MAROS Linear Regression Method

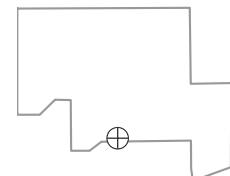
2018 - 2020 Data:

No Trend

All Data:

Increasing

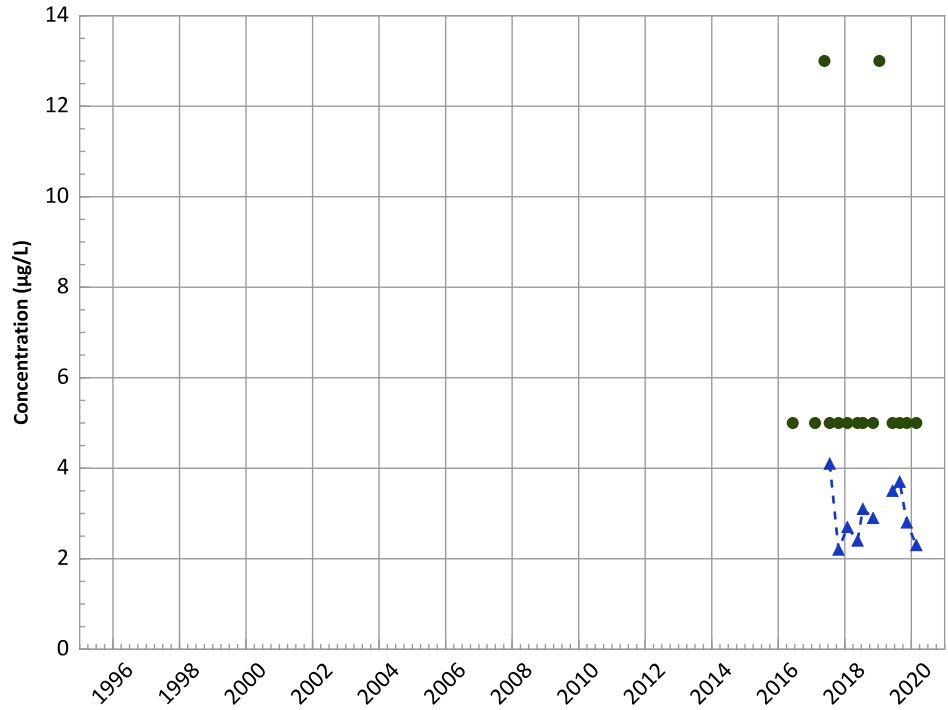
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

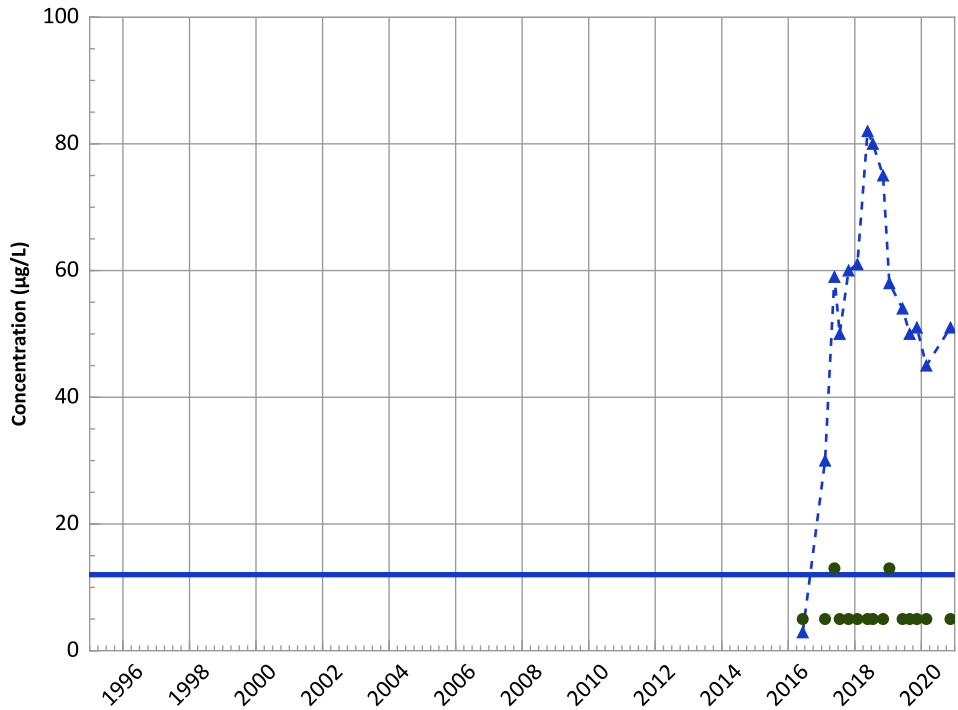


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: Decreasing
All Data: No Trend

MAROS Linear Regression Method
2018 - 2020 Data: Probably Decreasing
All Data: No Trend

Arsenic Trend



Concentration Trend

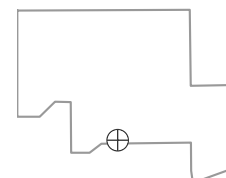
MAROS Mann-Kendall Method
2018 - 2020 Data: No Trend
All Data: Decreasing

MAROS Linear Regression Method
2018 - 2020 Data: Stable
All Data: Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

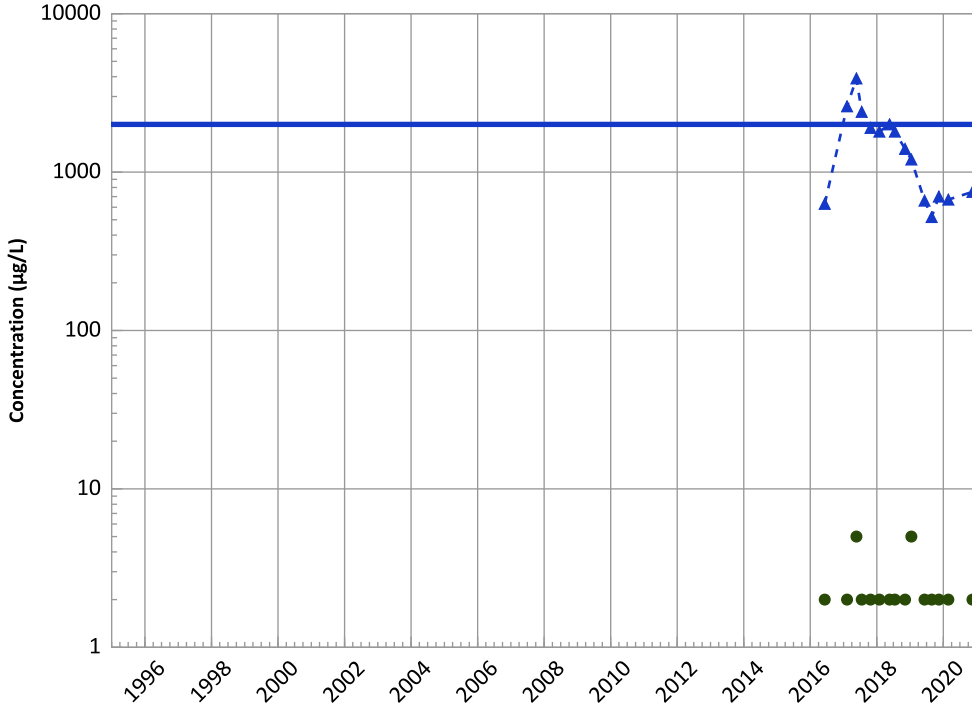
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

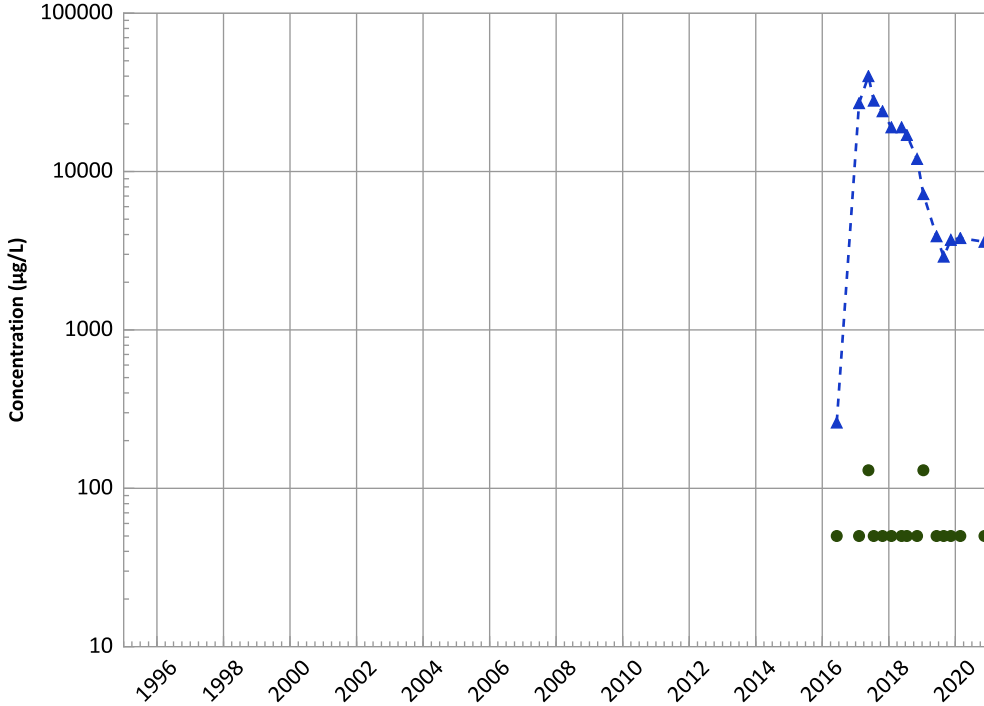
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

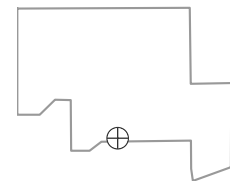
2018 - 2020 Data:

Probably Increasing

All Data:

Stable

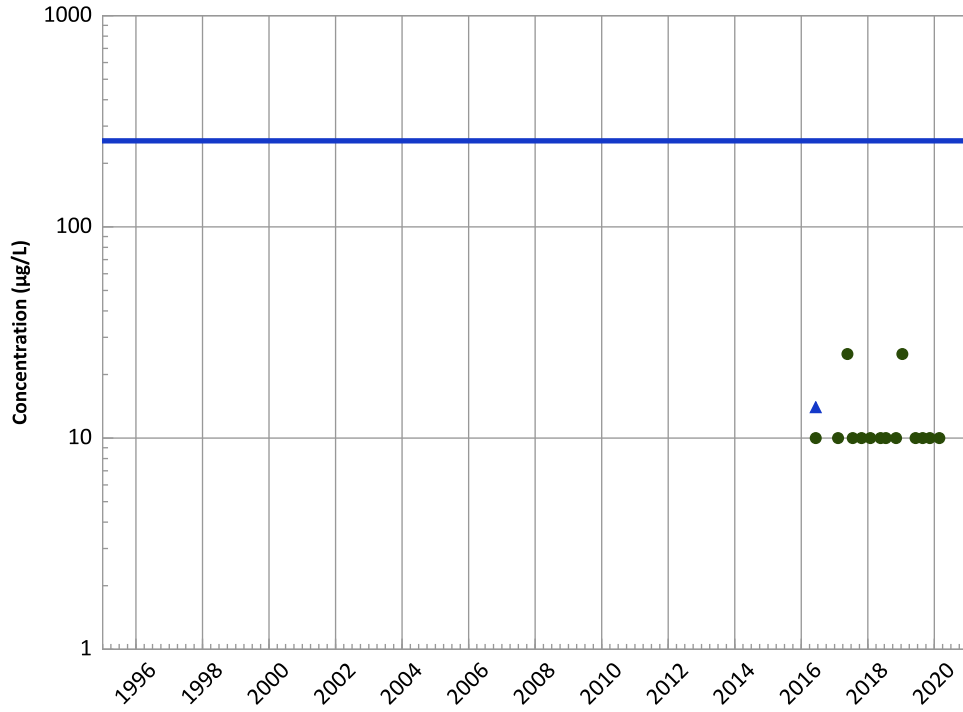
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend



Concentration Trend

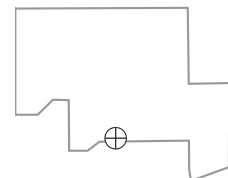
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 N/A (<4 Detections in Dataset)

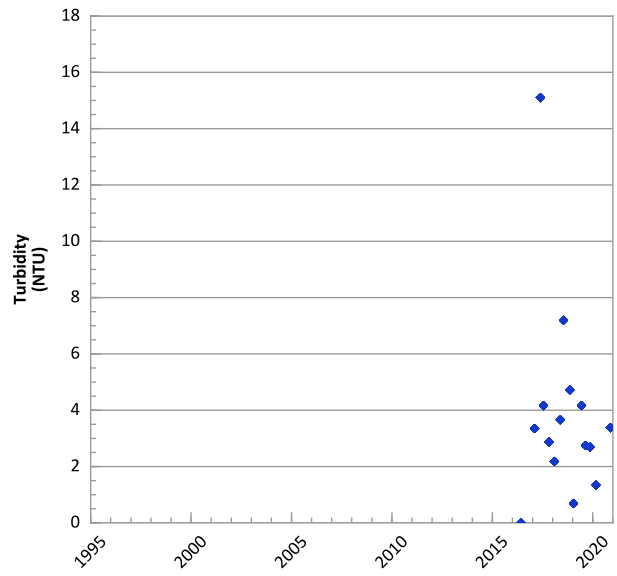
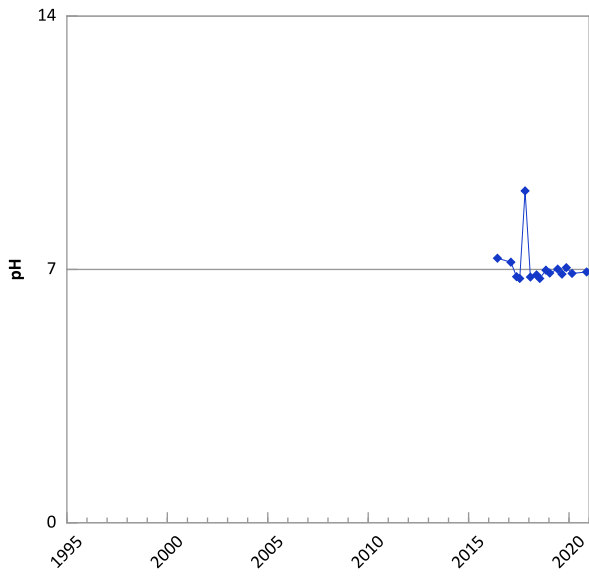
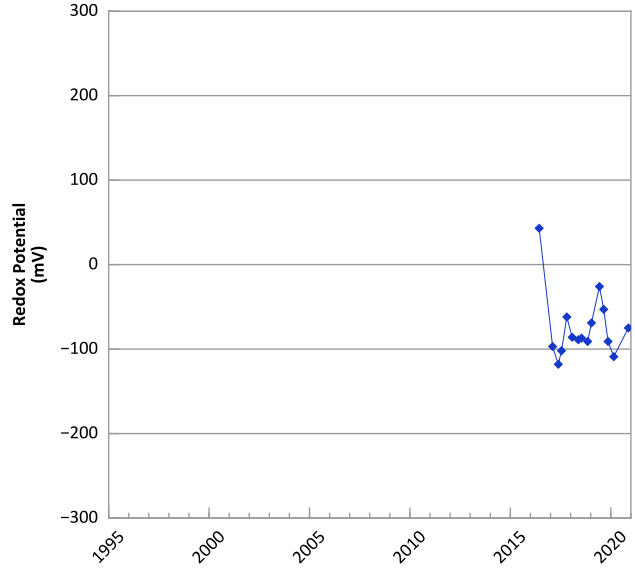
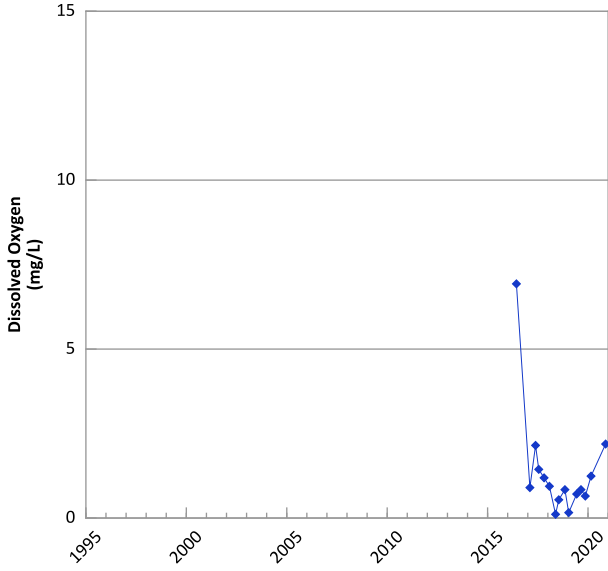
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

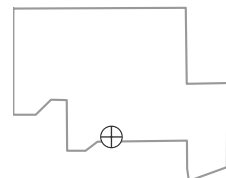


**PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



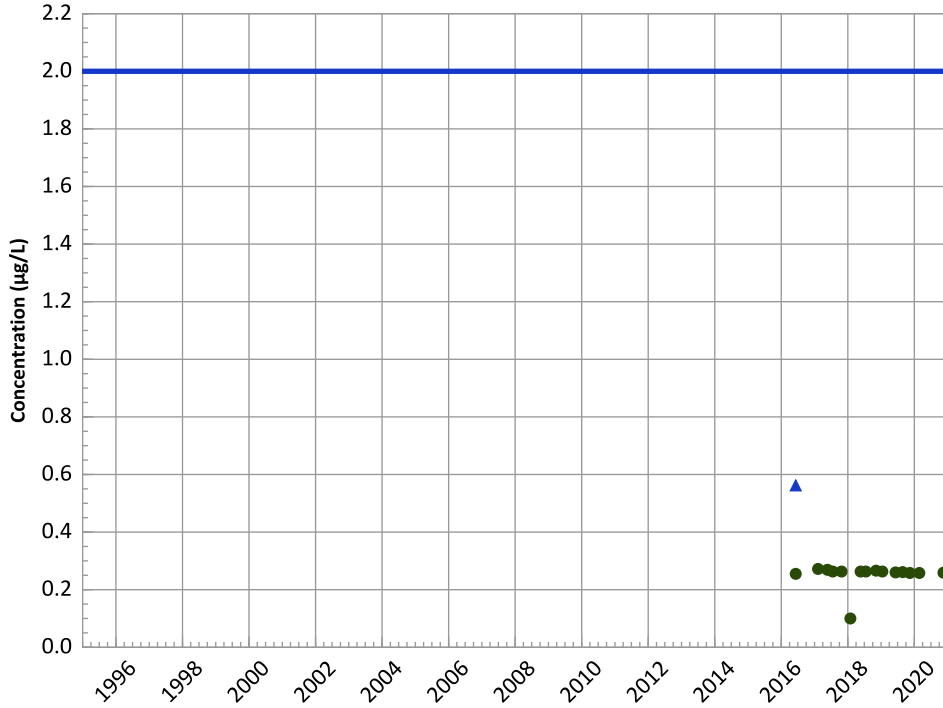
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

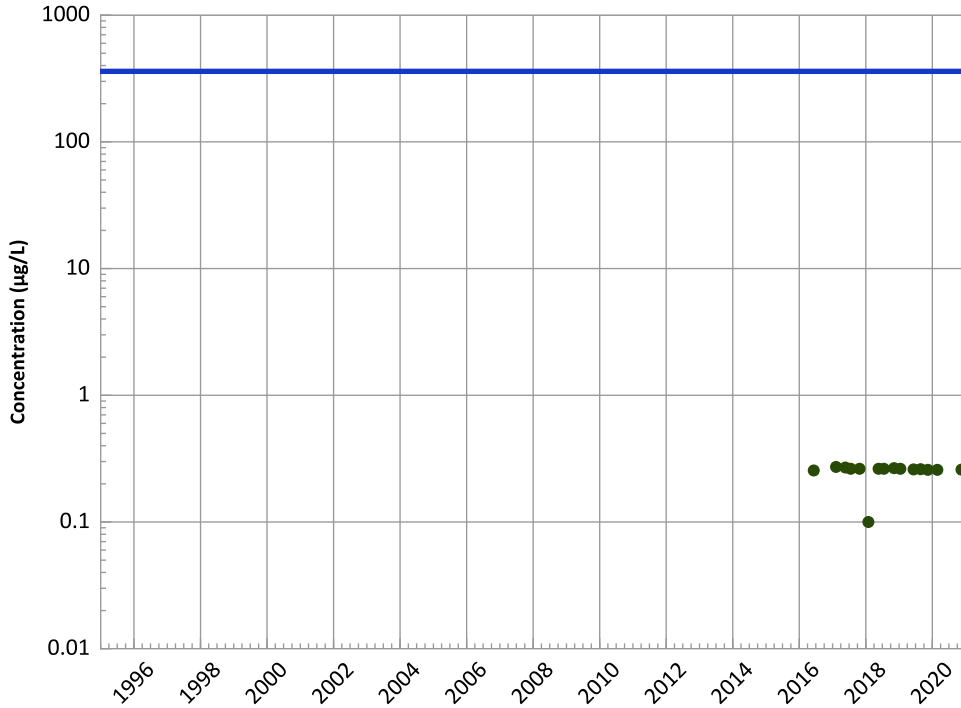
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

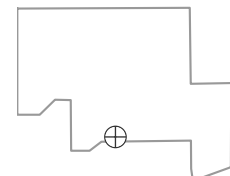
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

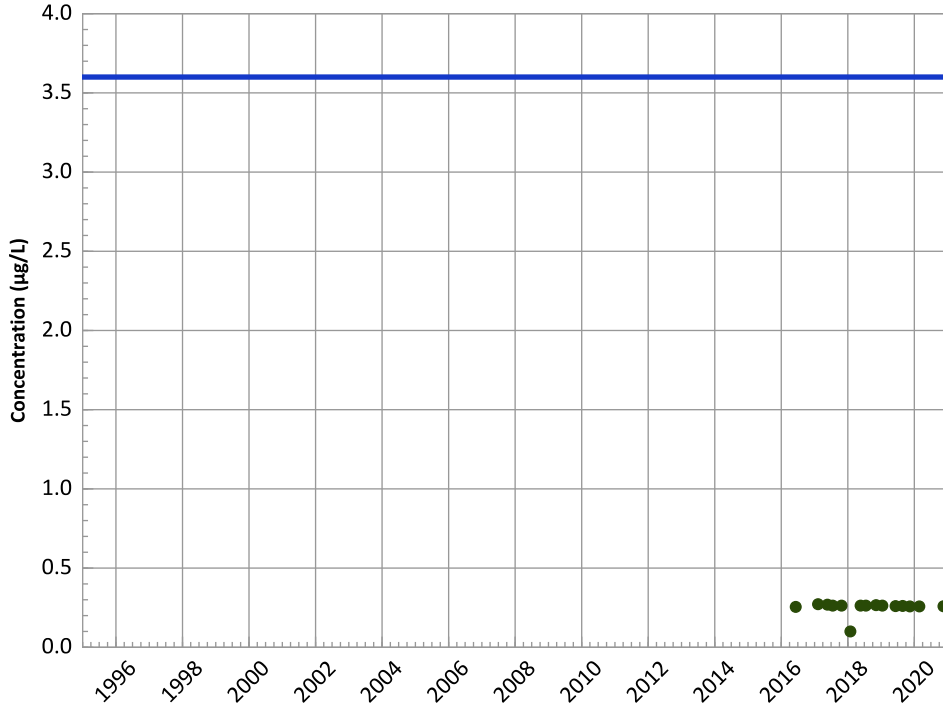


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

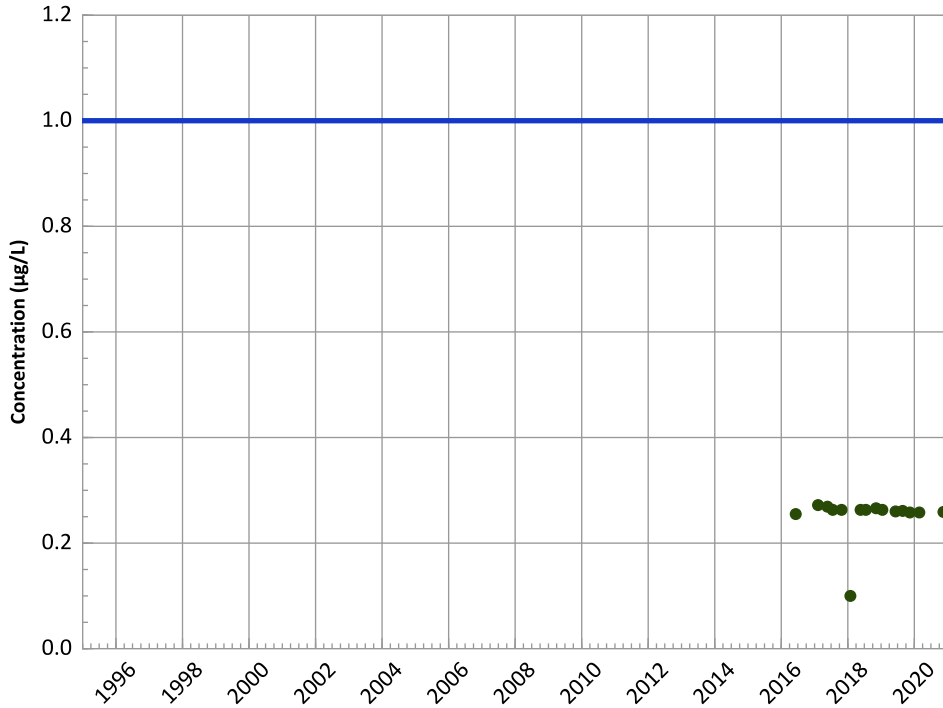
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

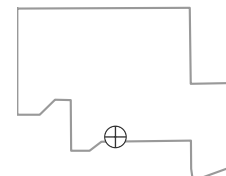
All Data:

All Non-Detect

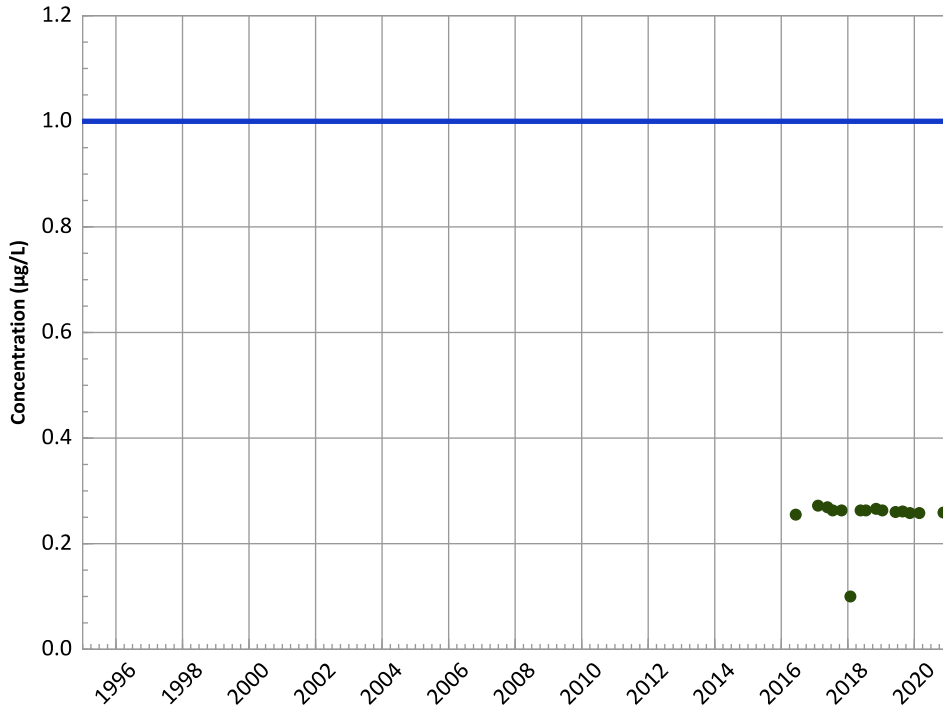
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ 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**

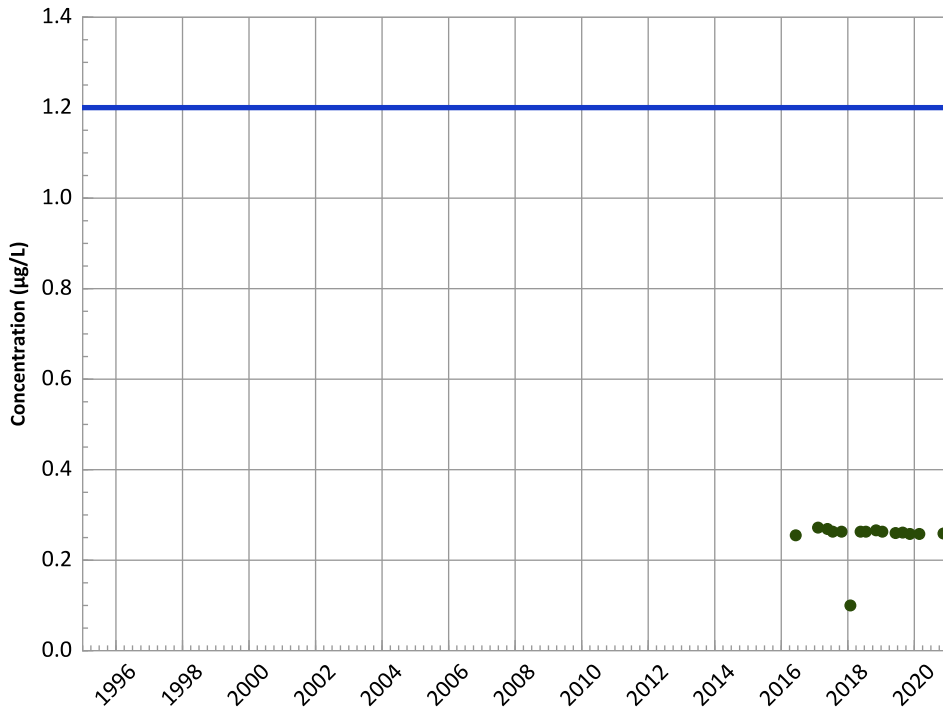


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

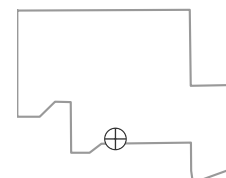


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

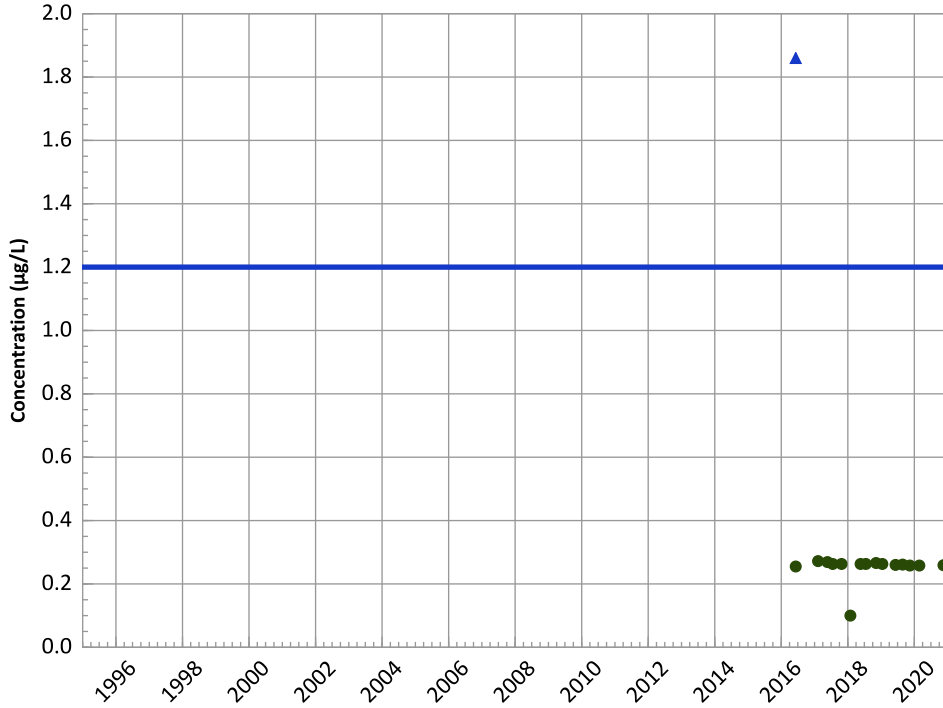


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

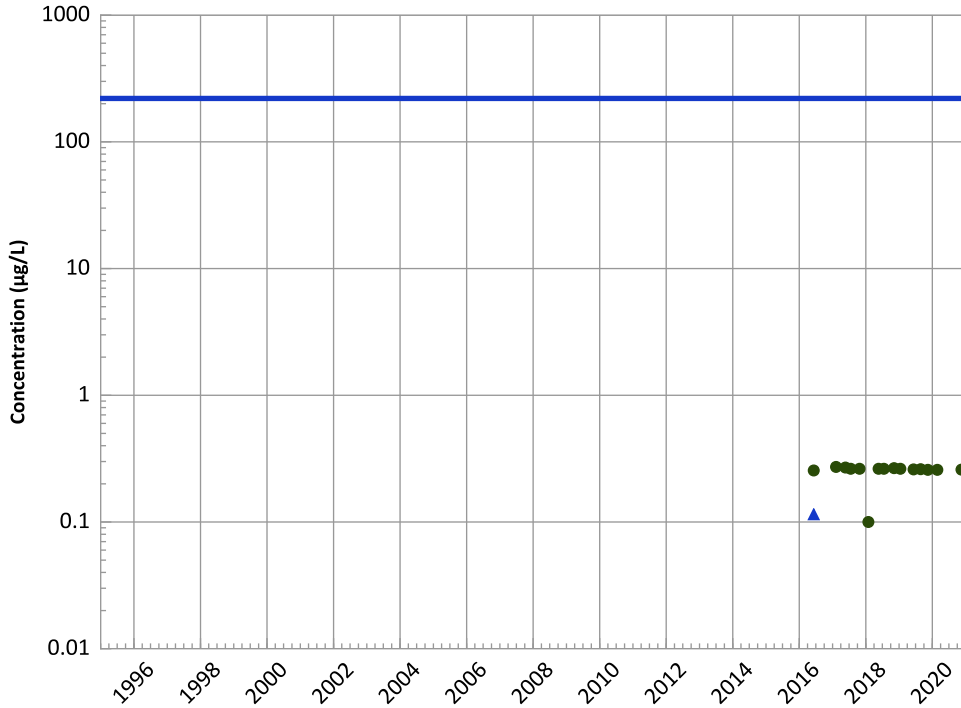
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

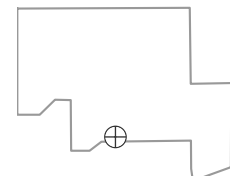
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

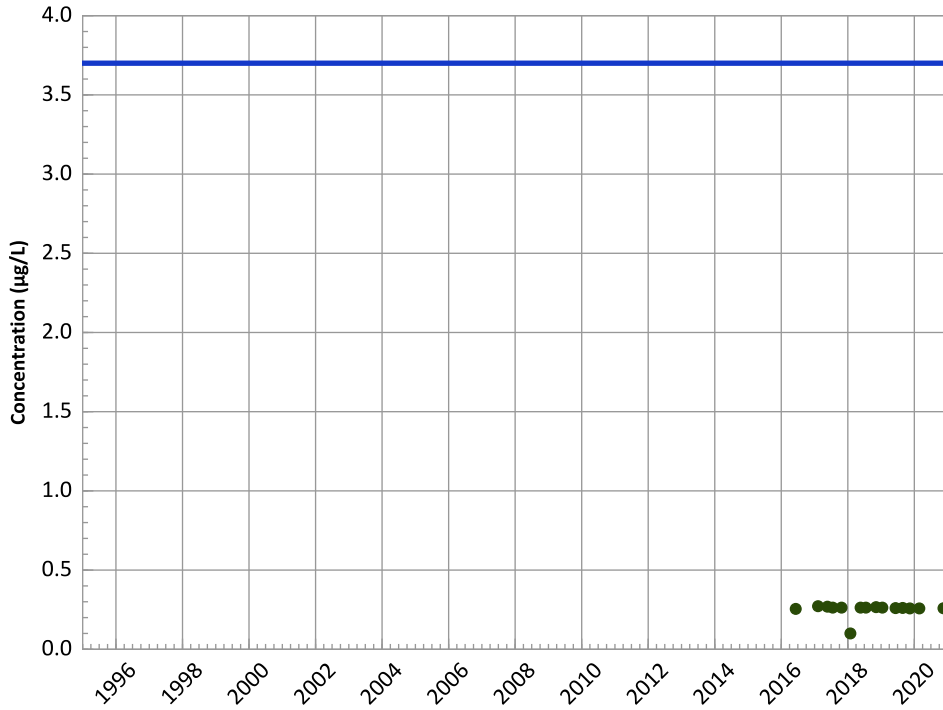


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

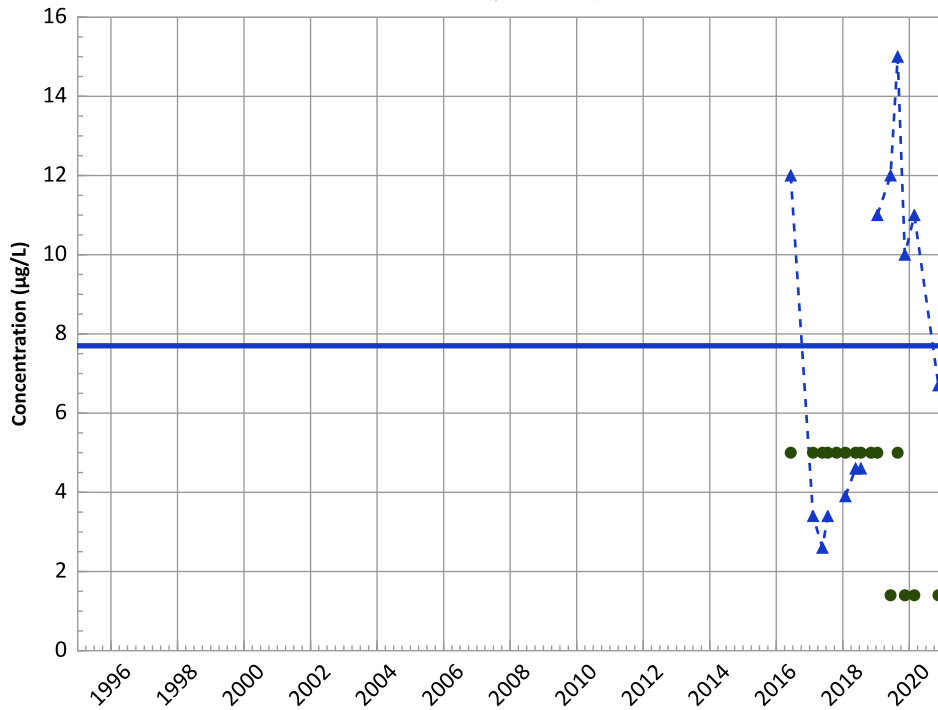
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

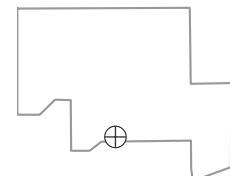
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

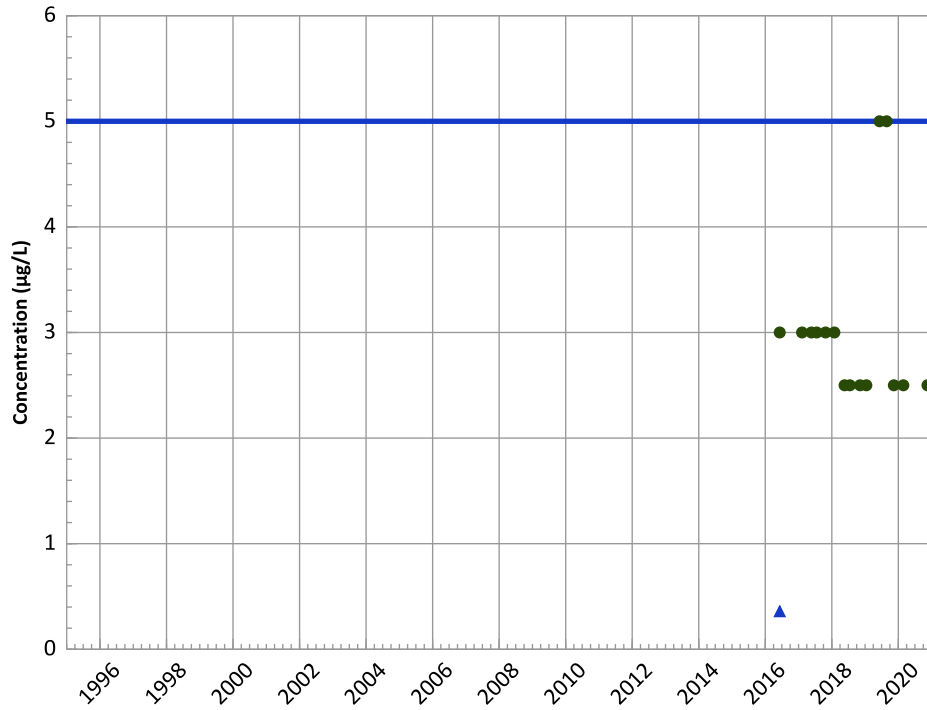
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

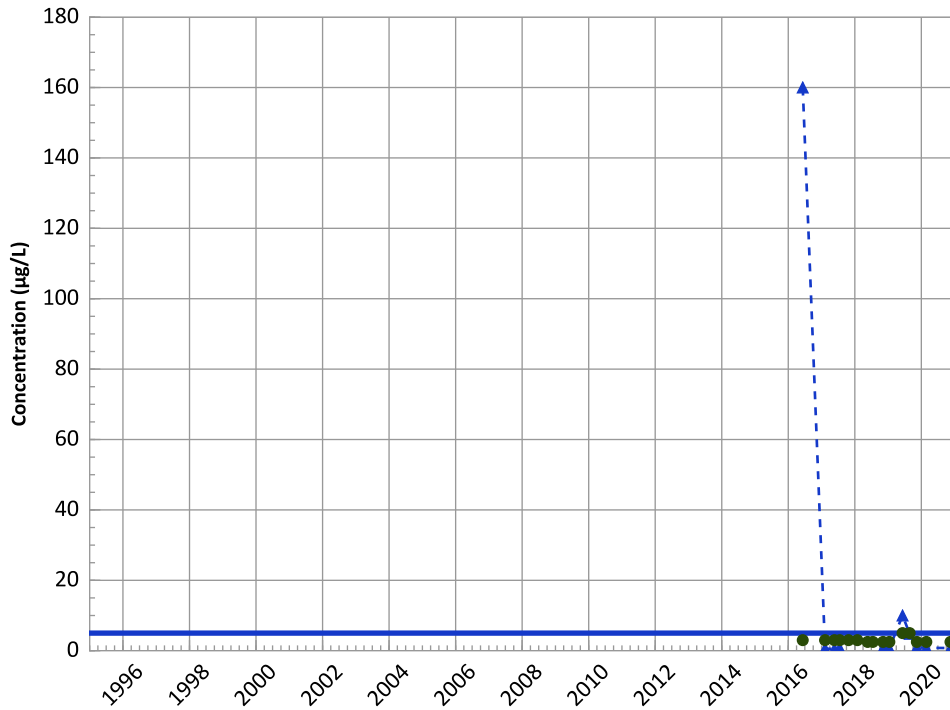


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

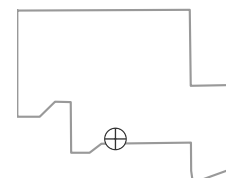
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

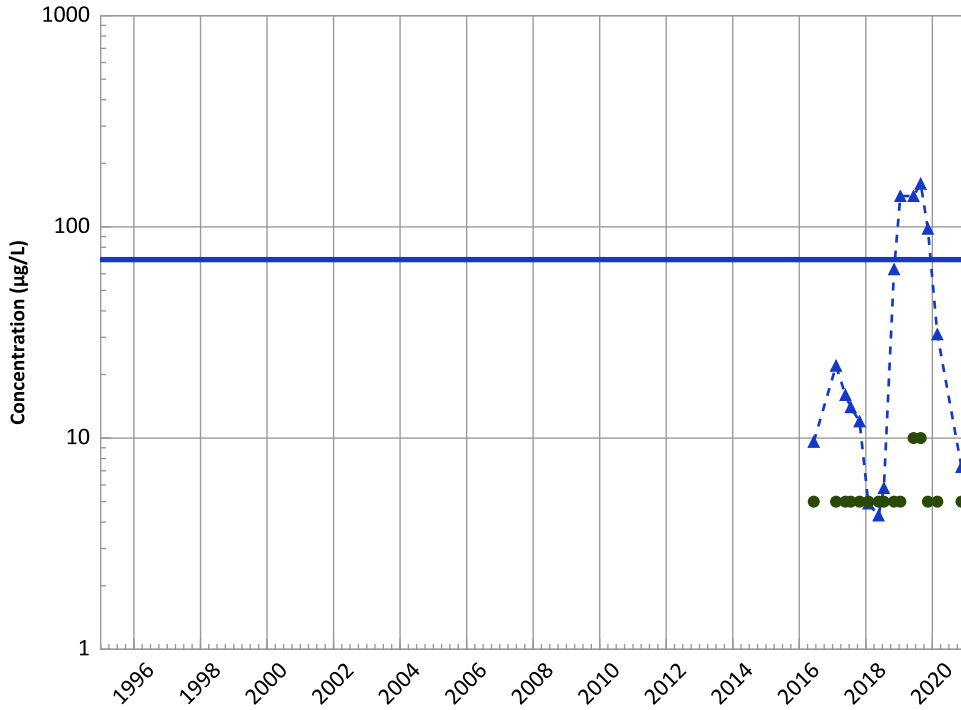
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

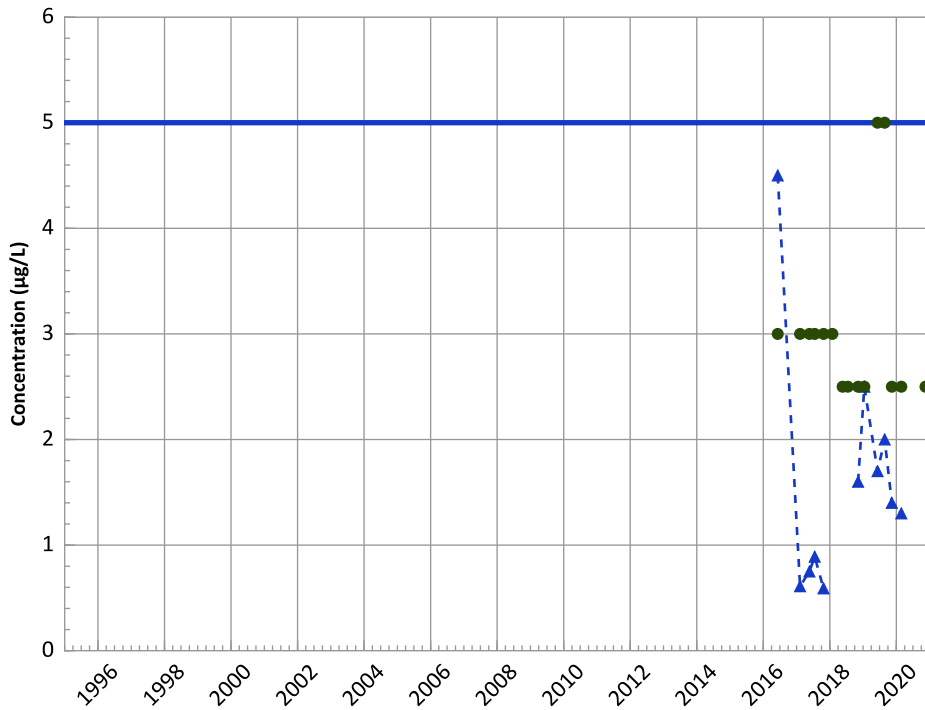
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Probably Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
No Trend

MAROS Linear Regression Method

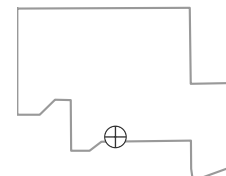
2018 - 2020 Data:
Stable

All Data:
No Trend

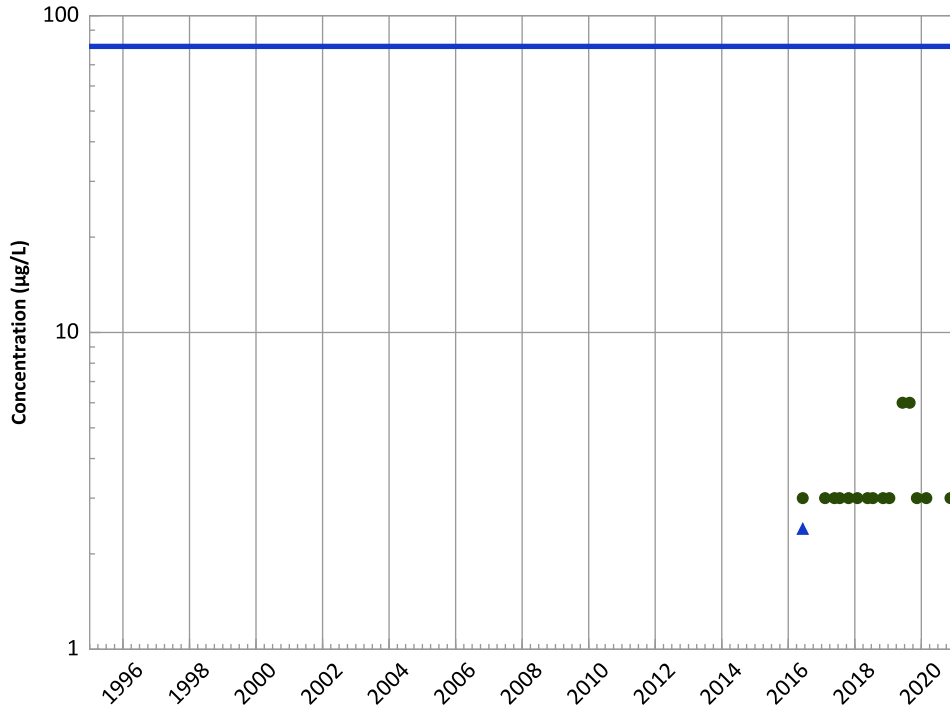
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

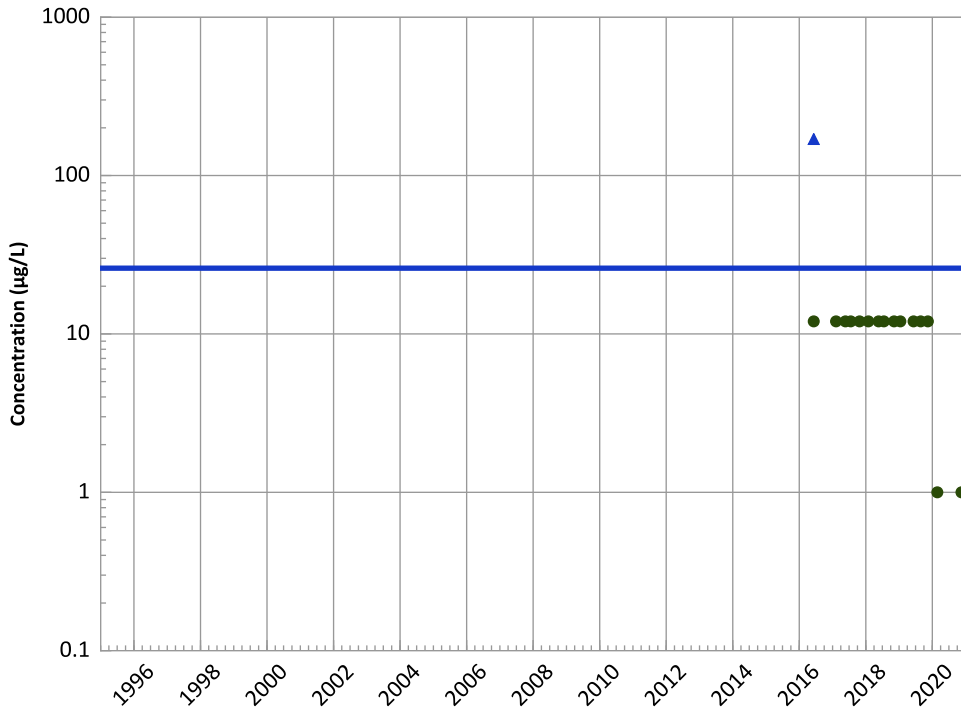


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend

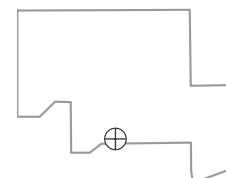


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

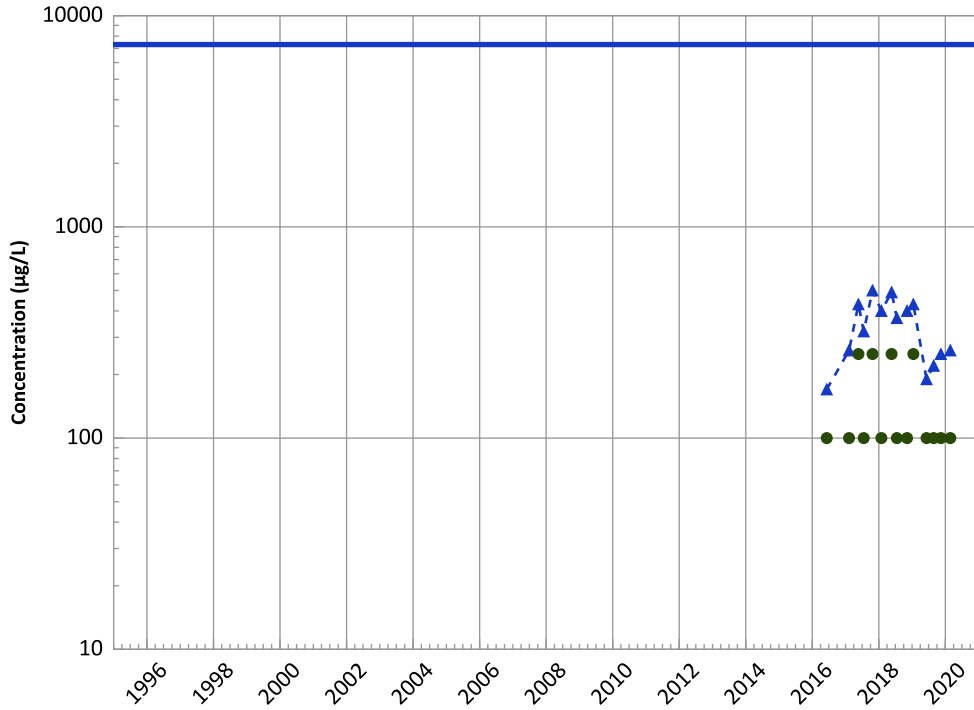
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

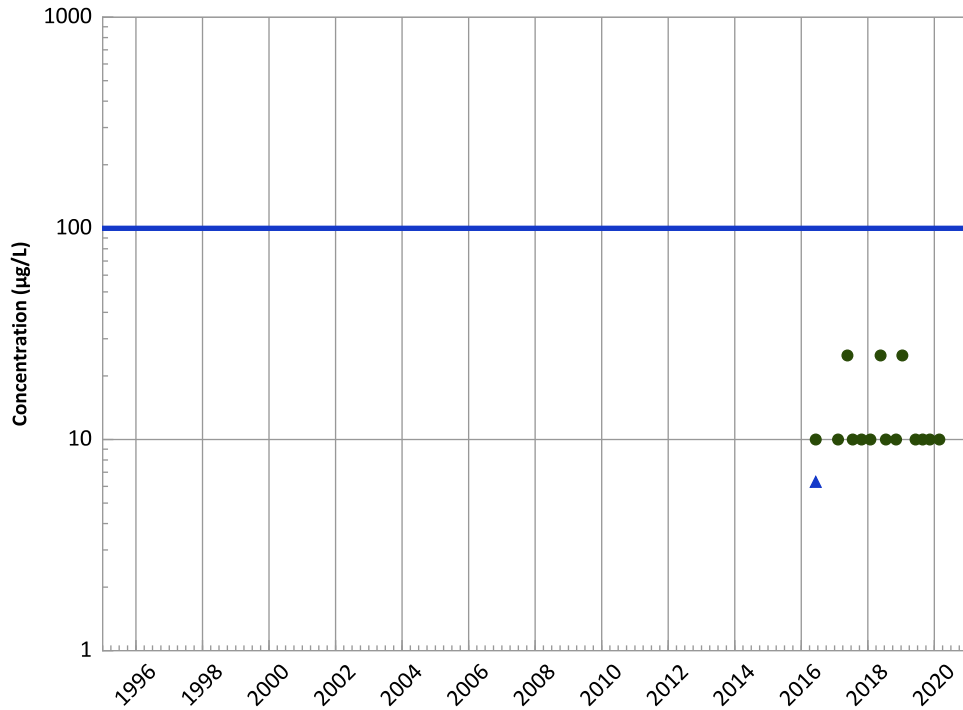
2018 - 2020 Data:

Increasing

All Data:

Stable

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

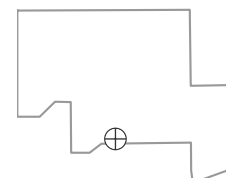
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

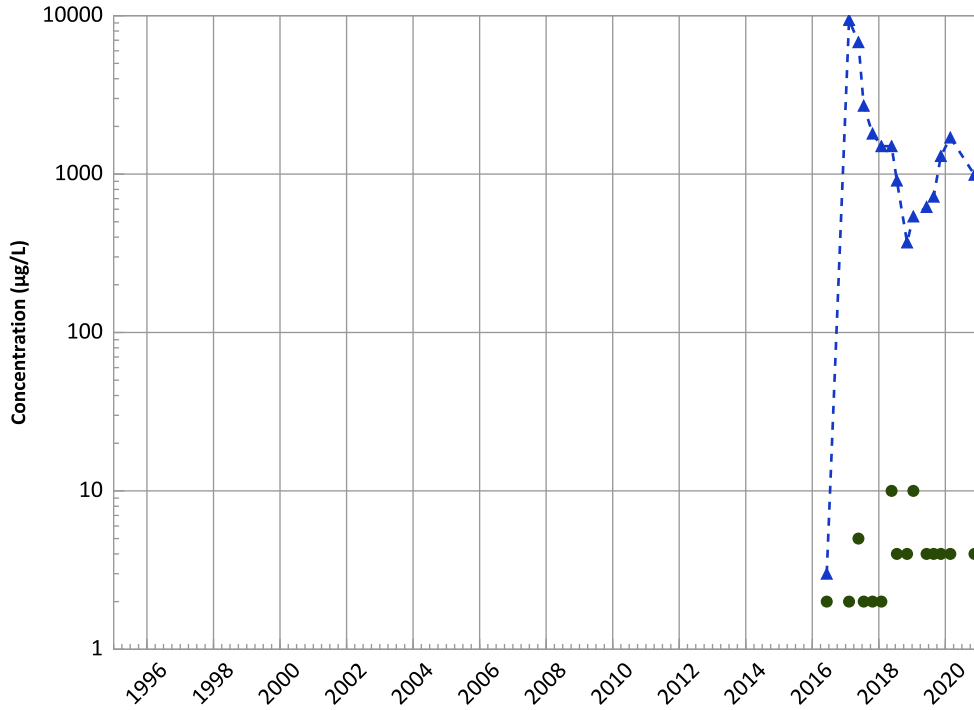


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

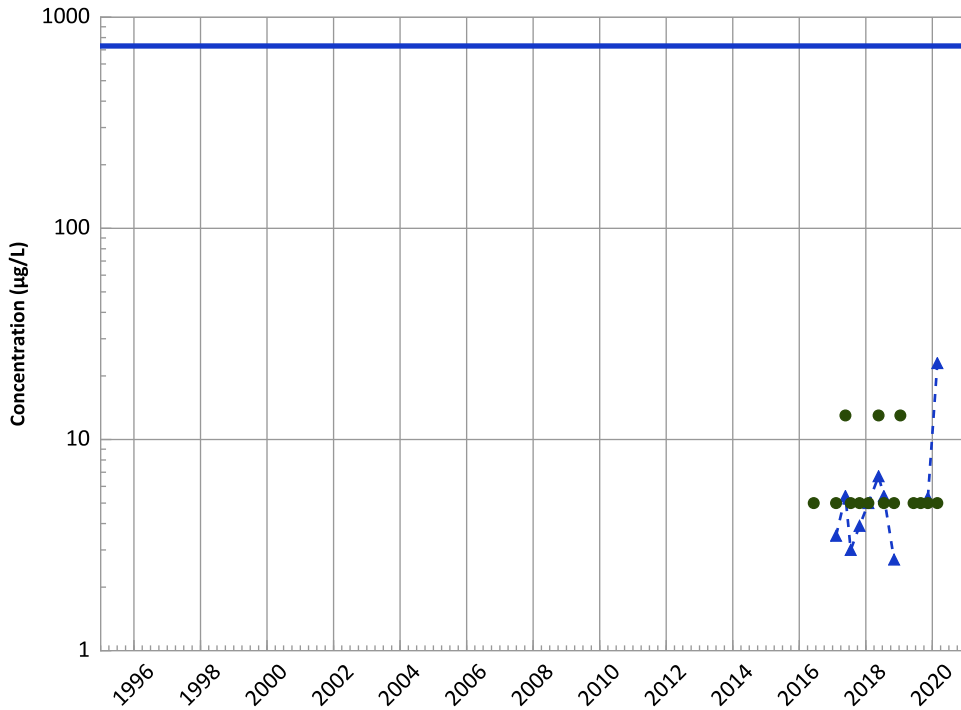
2018 - 2020 Data:

No Trend

All Data:

No Trend

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

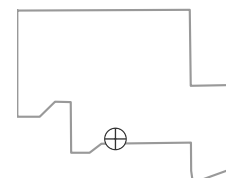
2018 - 2020 Data:

No Trend

All Data:

Increasing

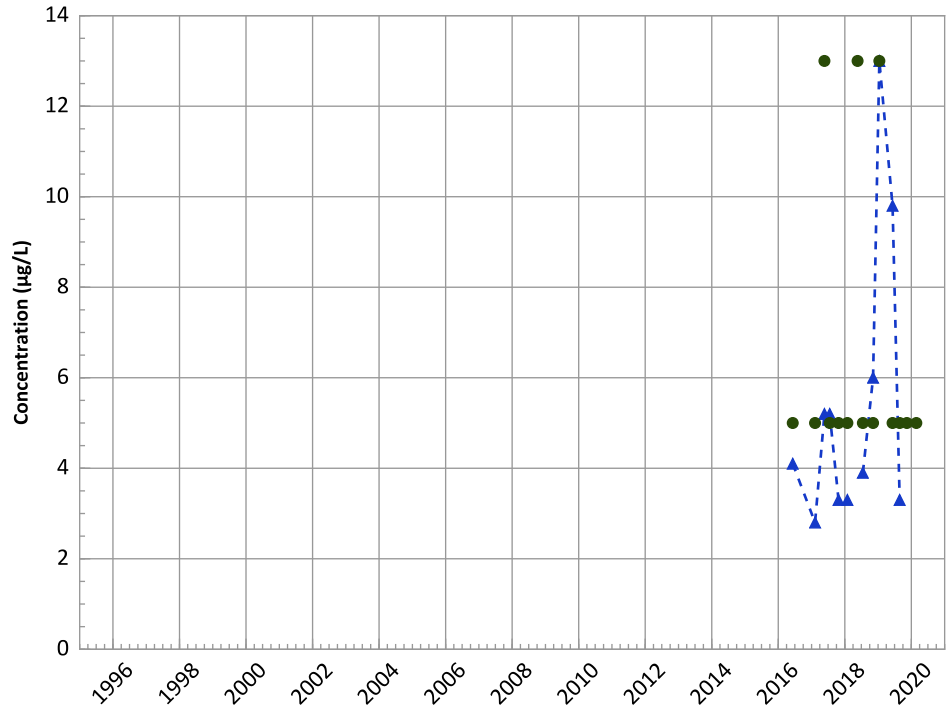
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

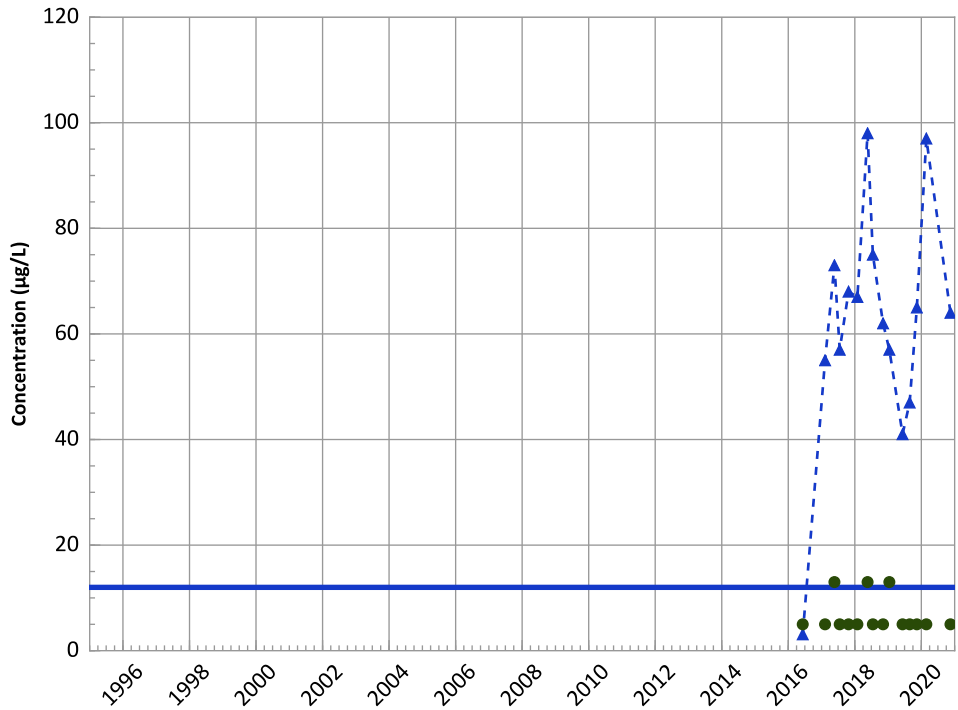


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

Arsenic Trend



Concentration Trend

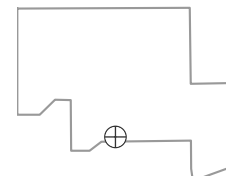
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

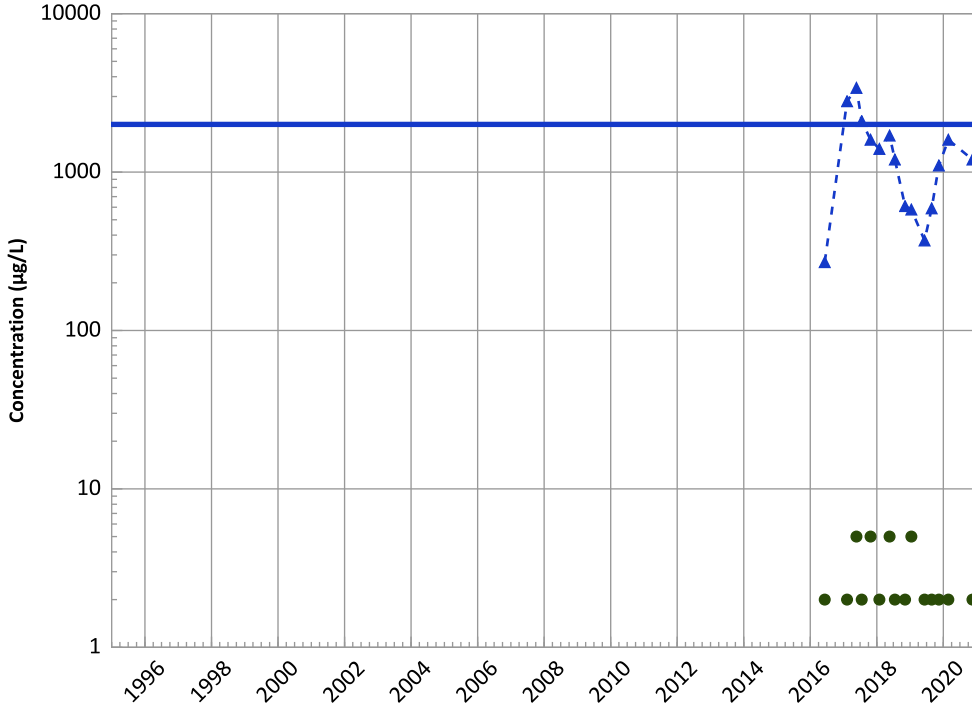
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

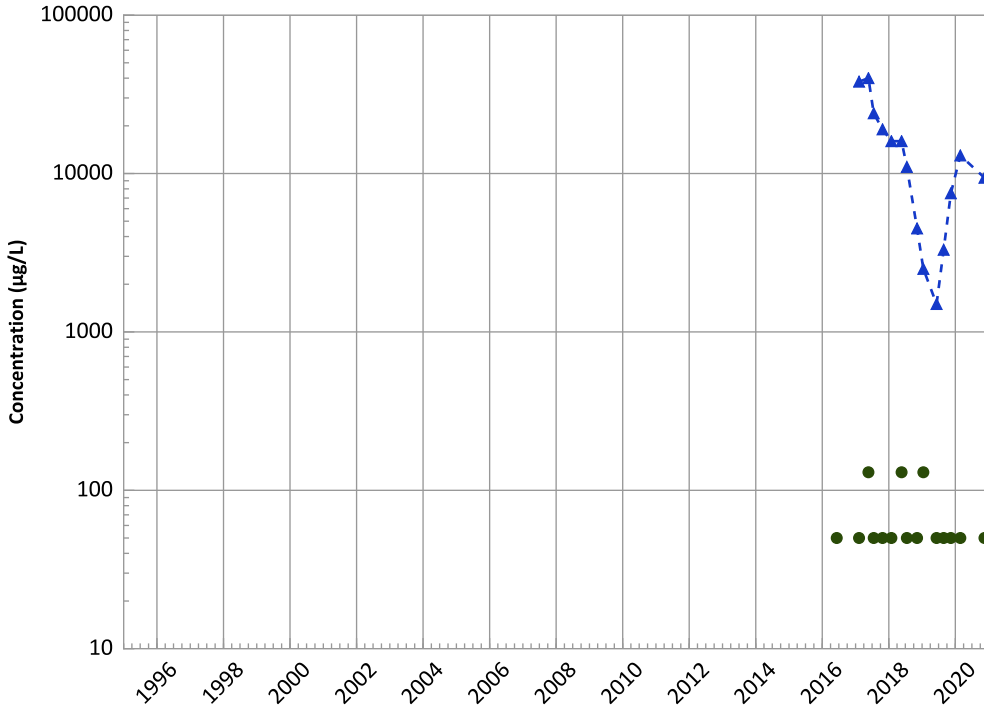


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Stable

Iron Trend

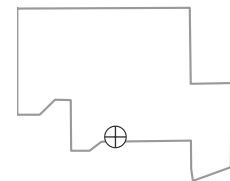


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Decreasing

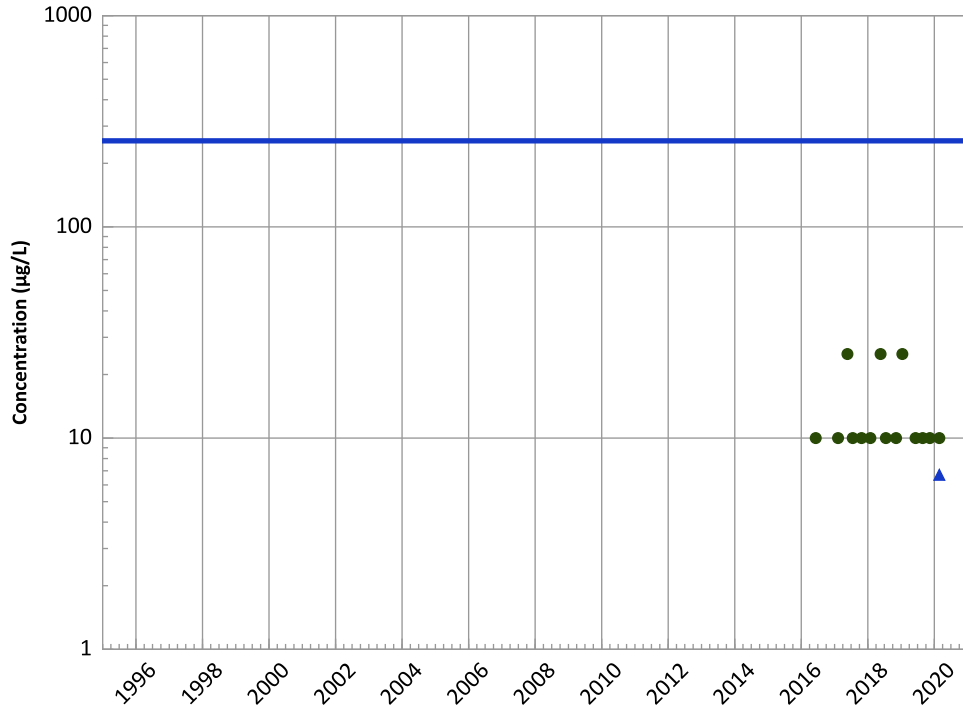
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend



Concentration Trend

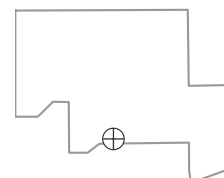
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 N/A (<4 Detections in Dataset)

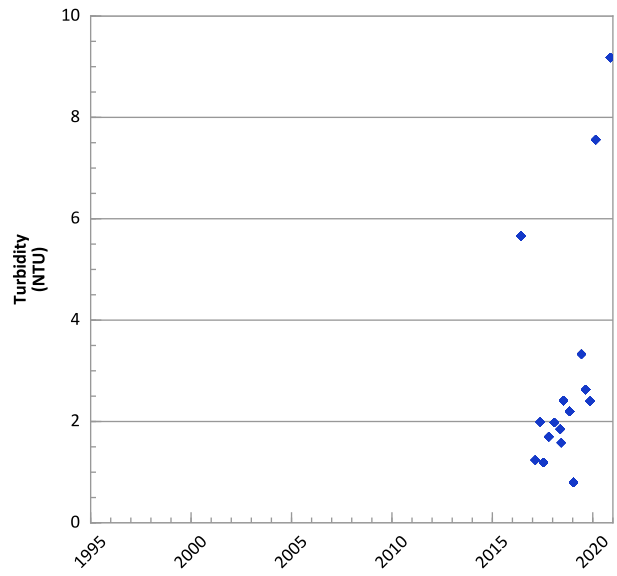
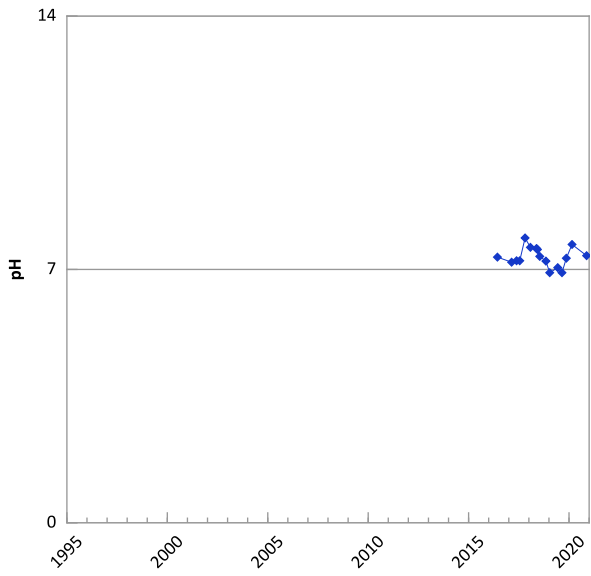
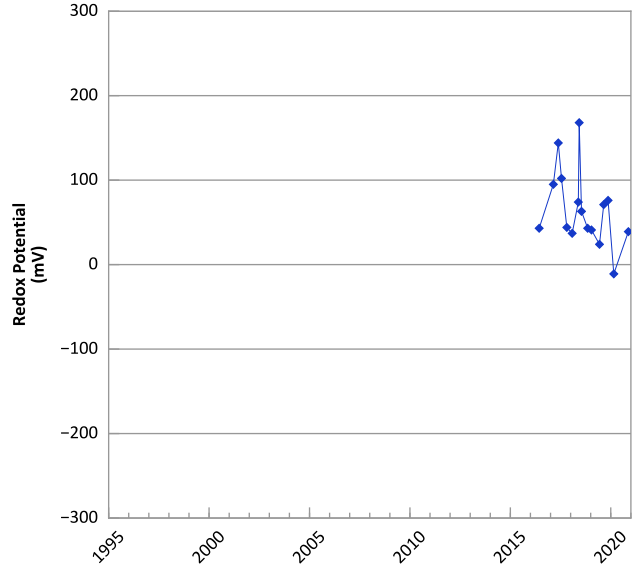
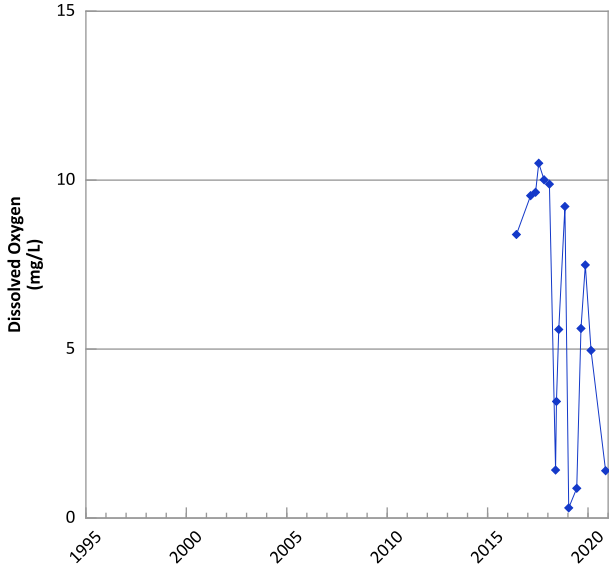
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

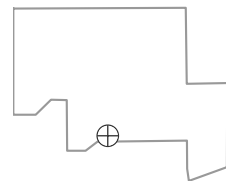


**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



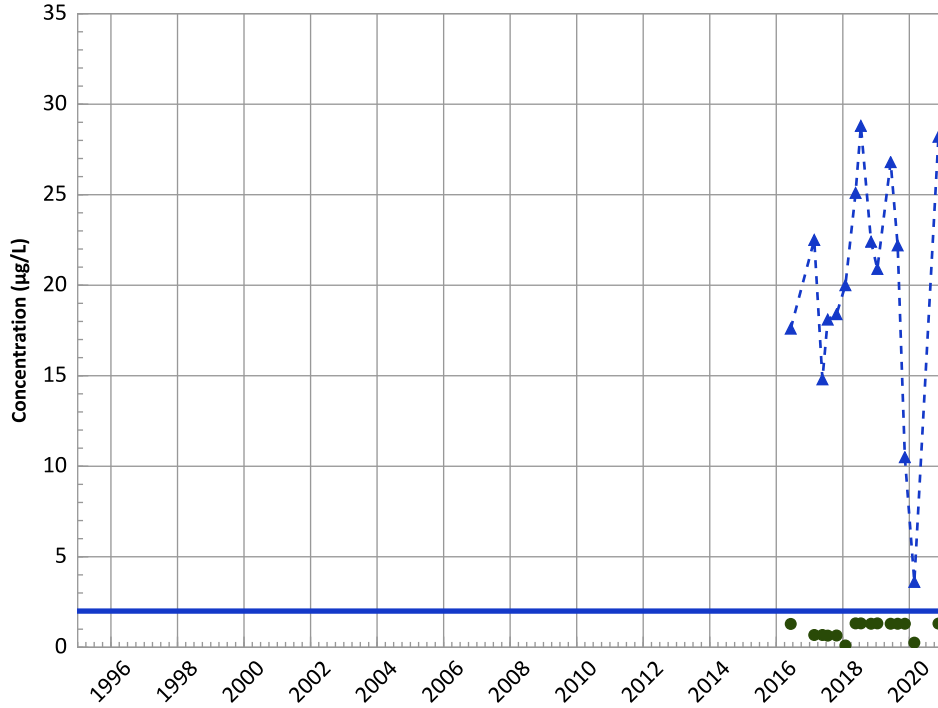
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

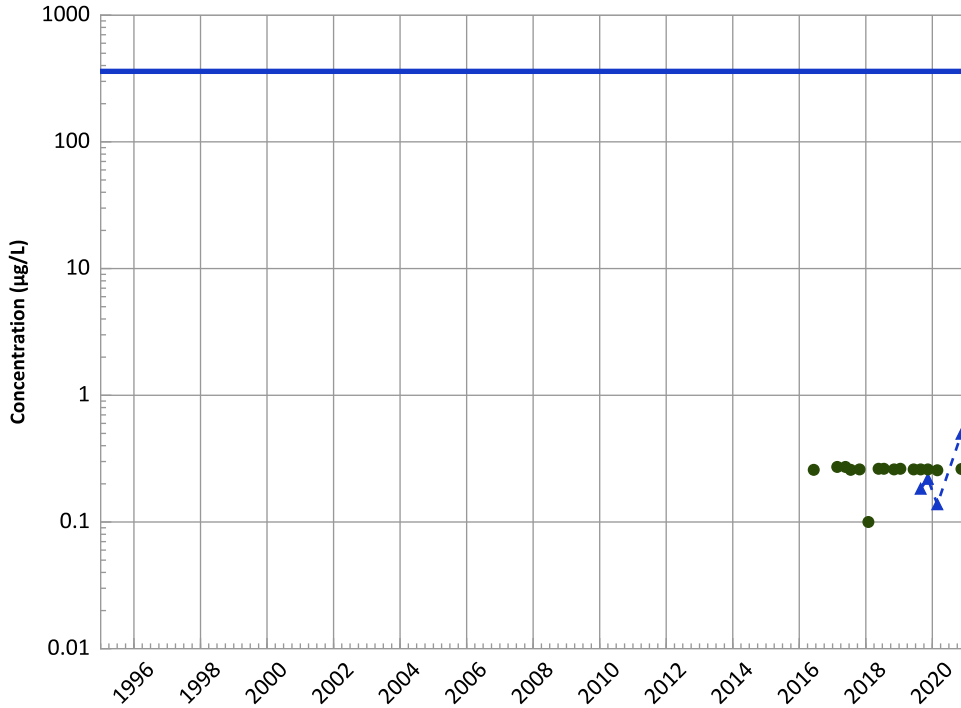


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

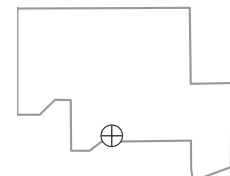


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Well Location

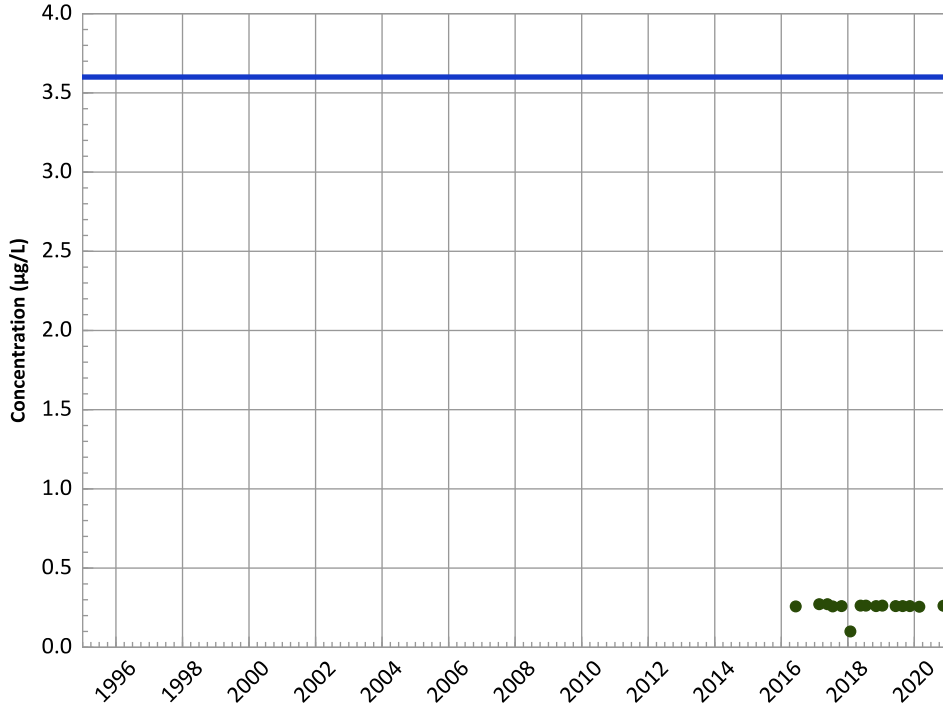


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

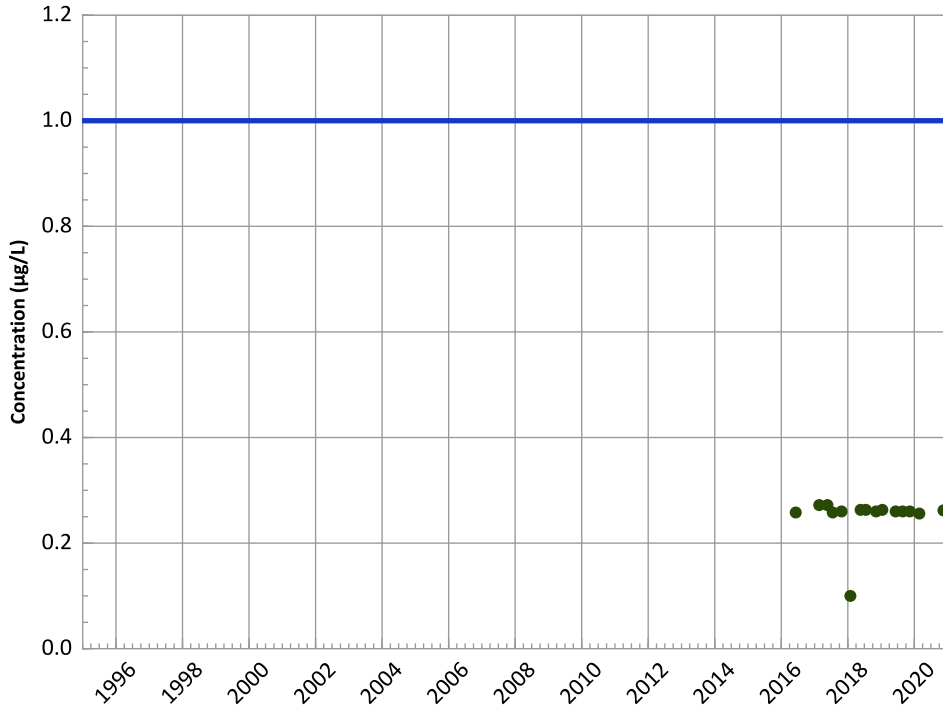
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

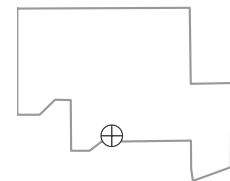
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

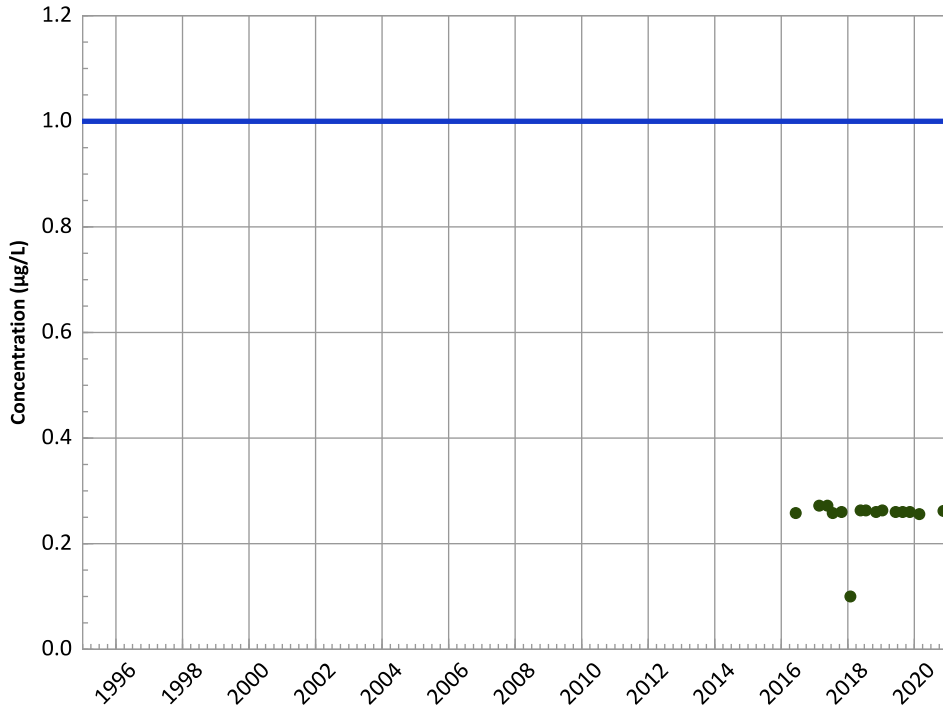


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

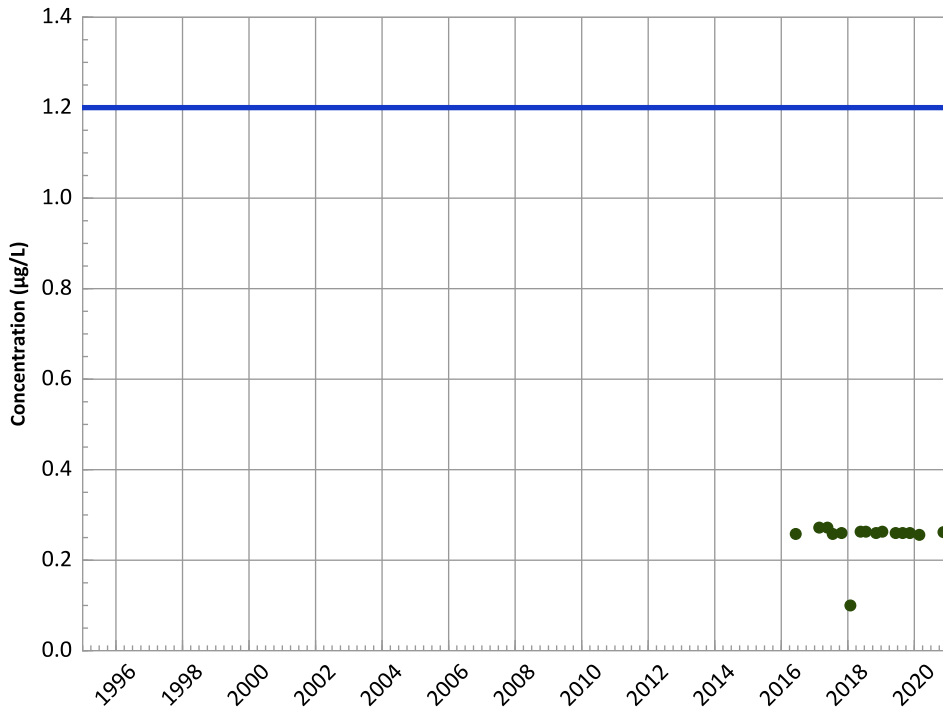
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

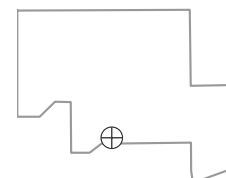
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

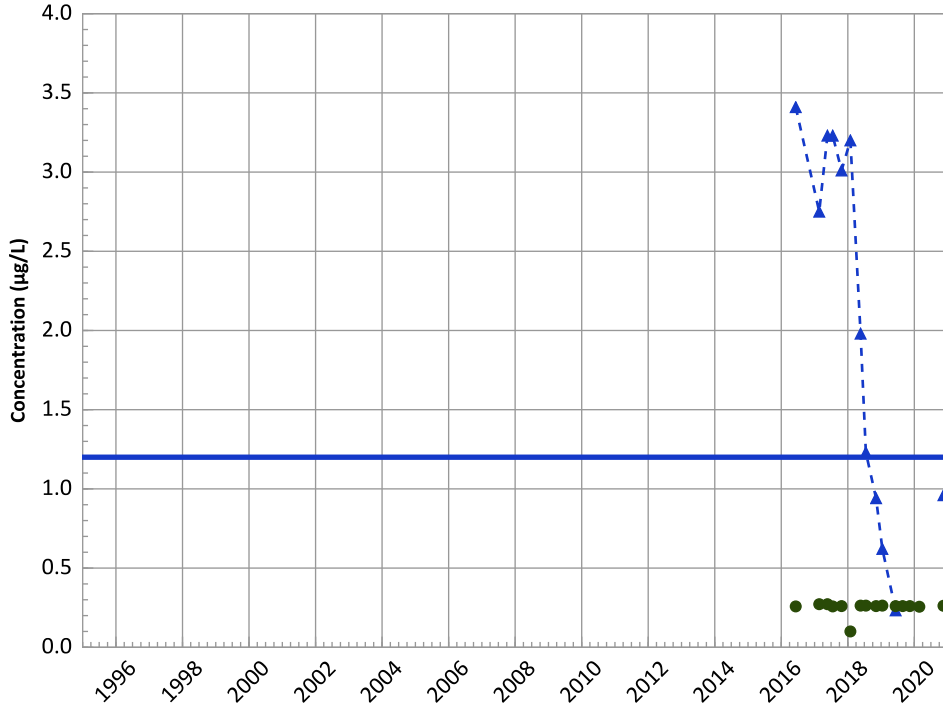


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

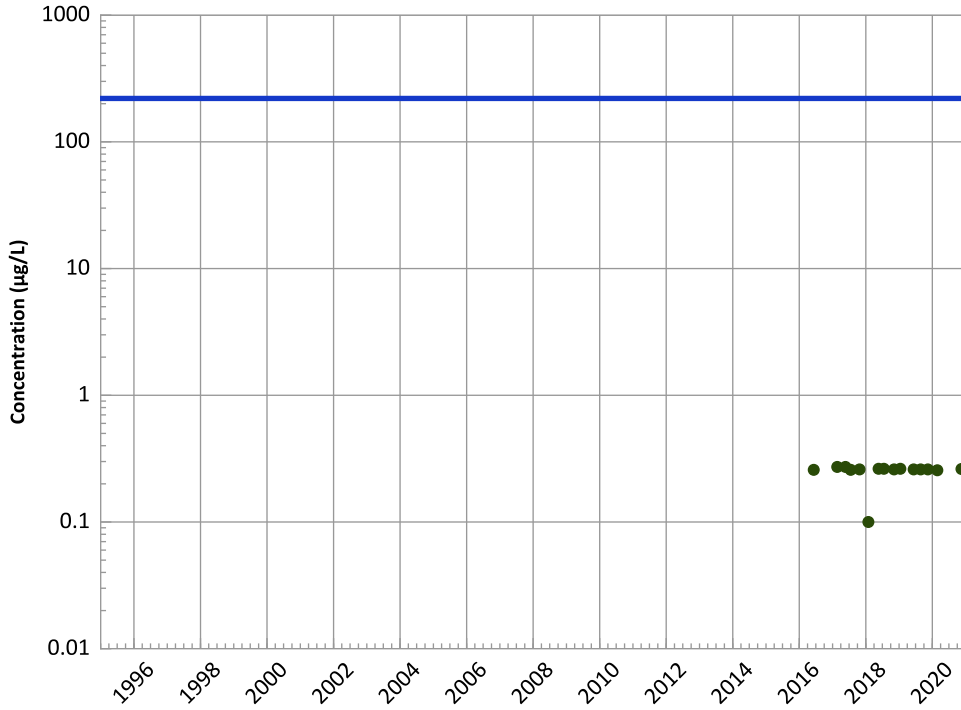


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend

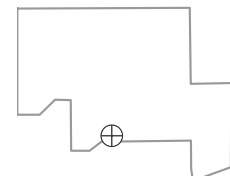


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

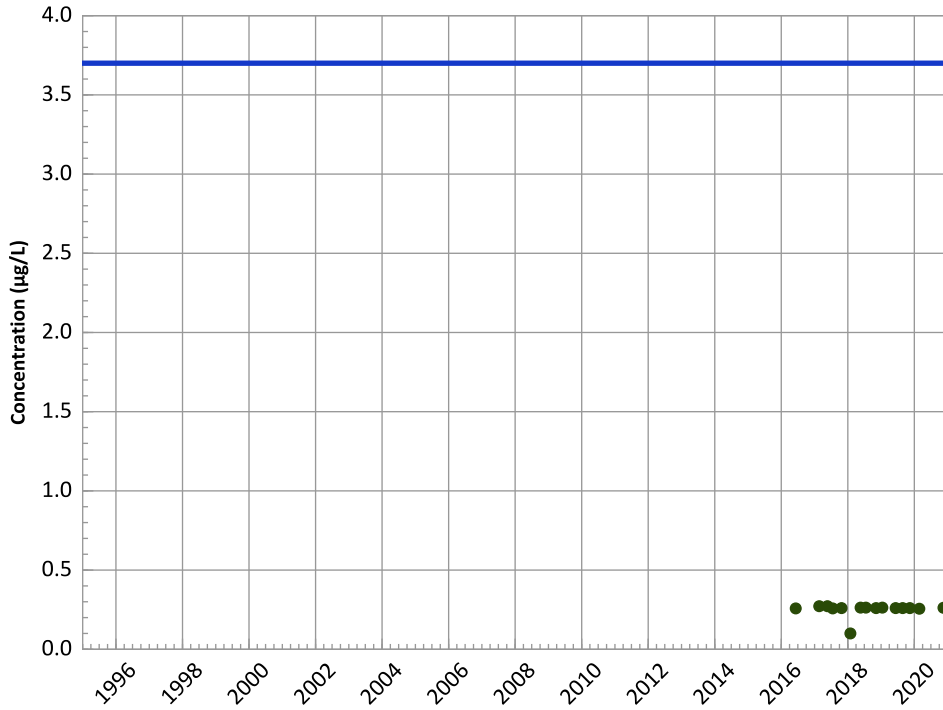


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

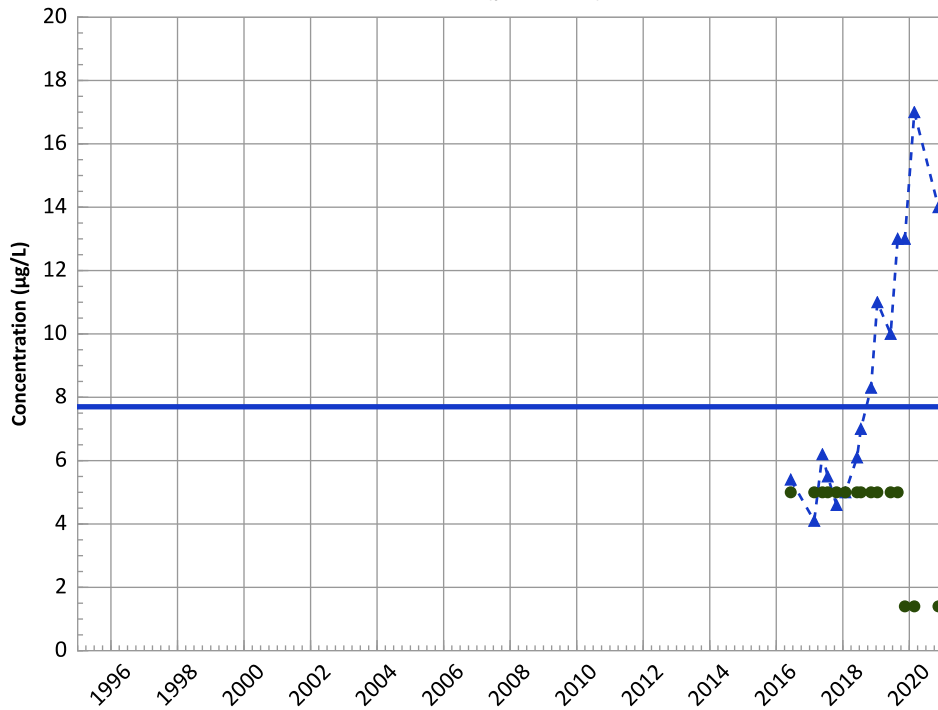
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

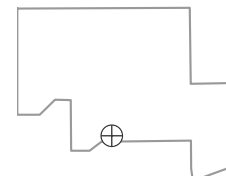
All Data:

Increasing

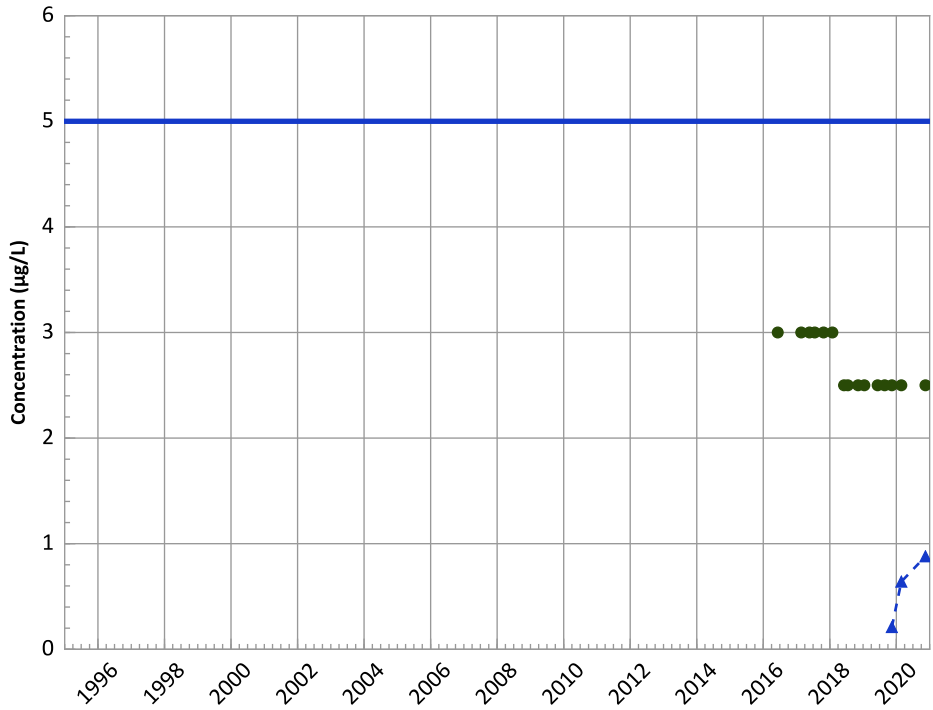
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

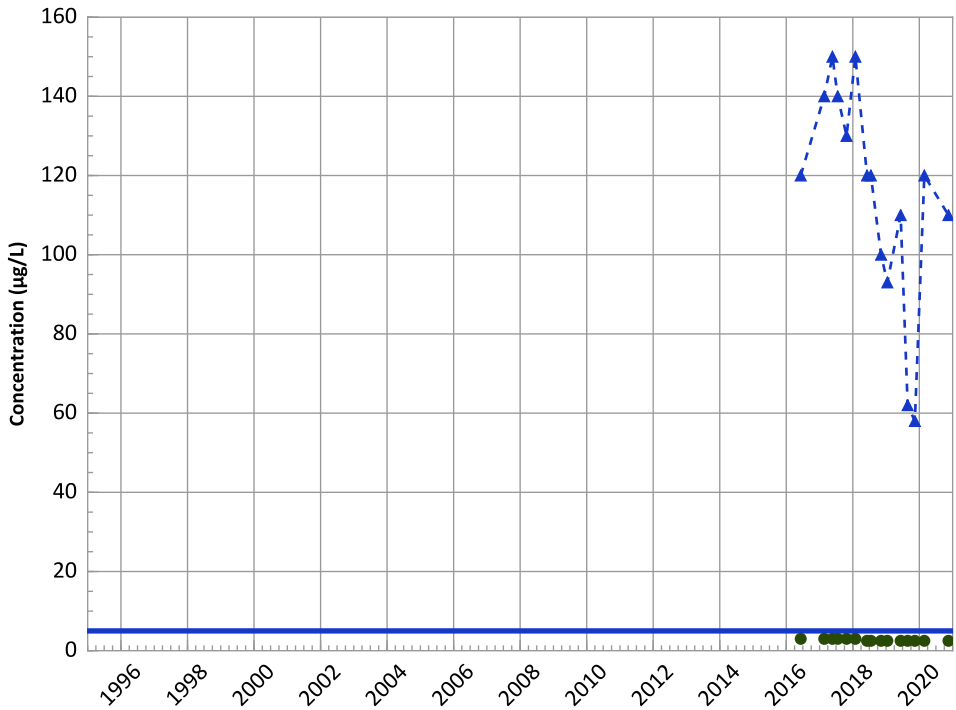


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Trichloroethene Trend



Concentration Trend

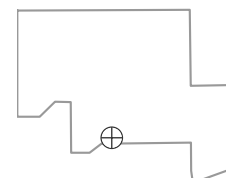
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

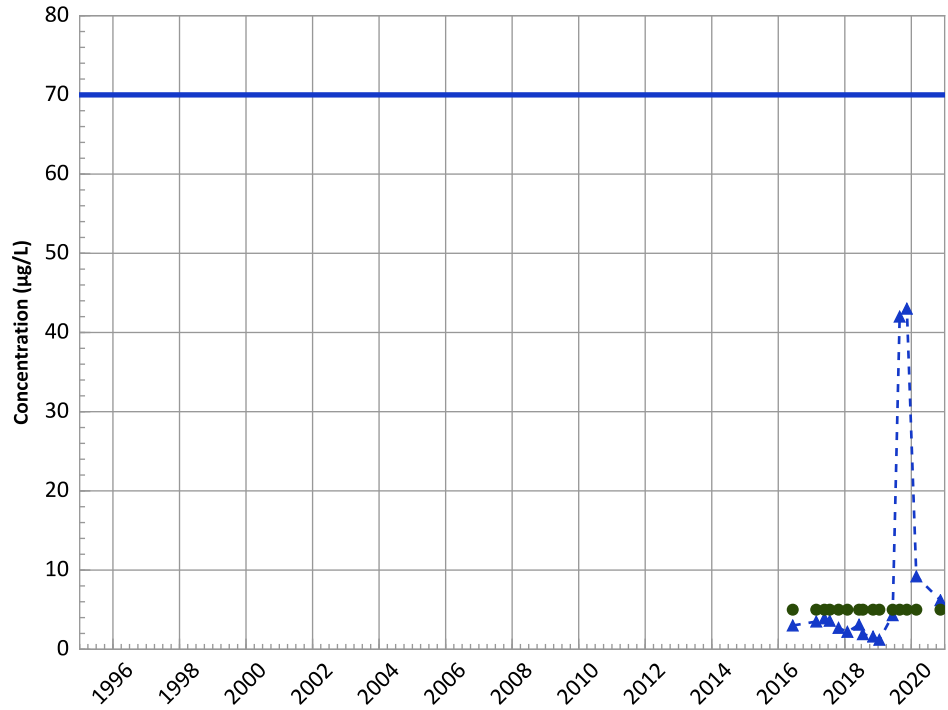
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

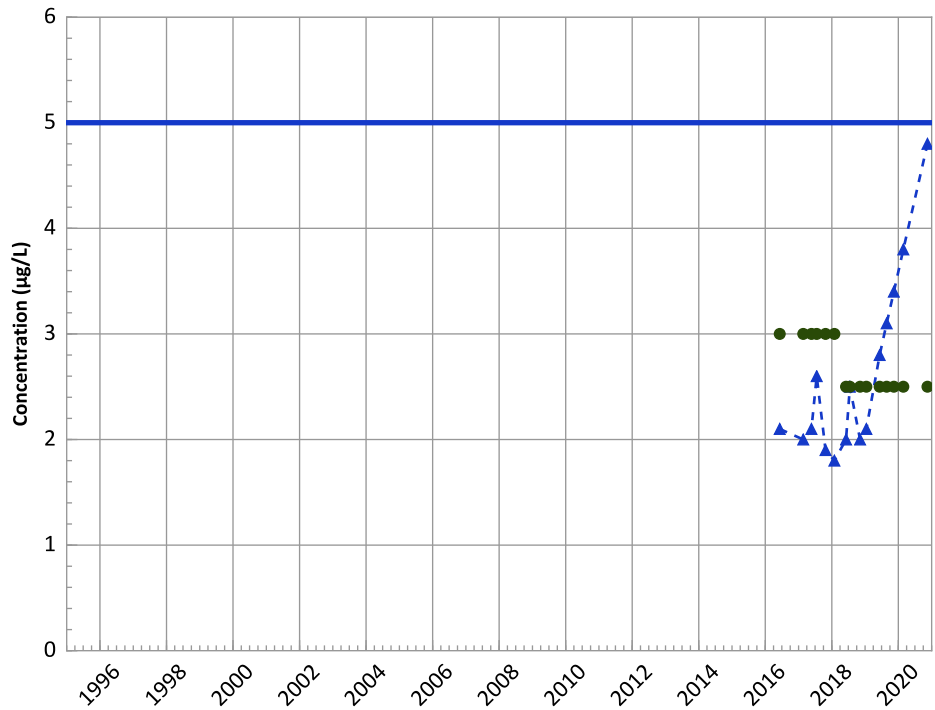
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing
All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing
All Data:
Increasing

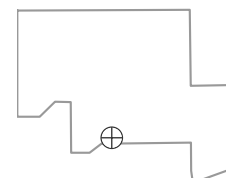
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Increasing
All Data:
Increasing

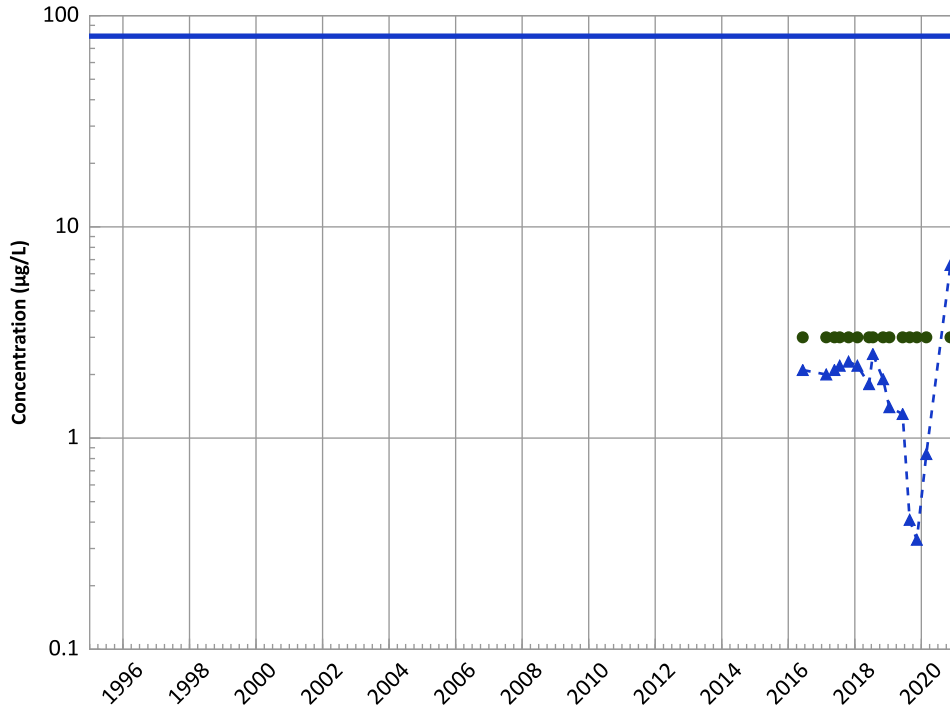
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

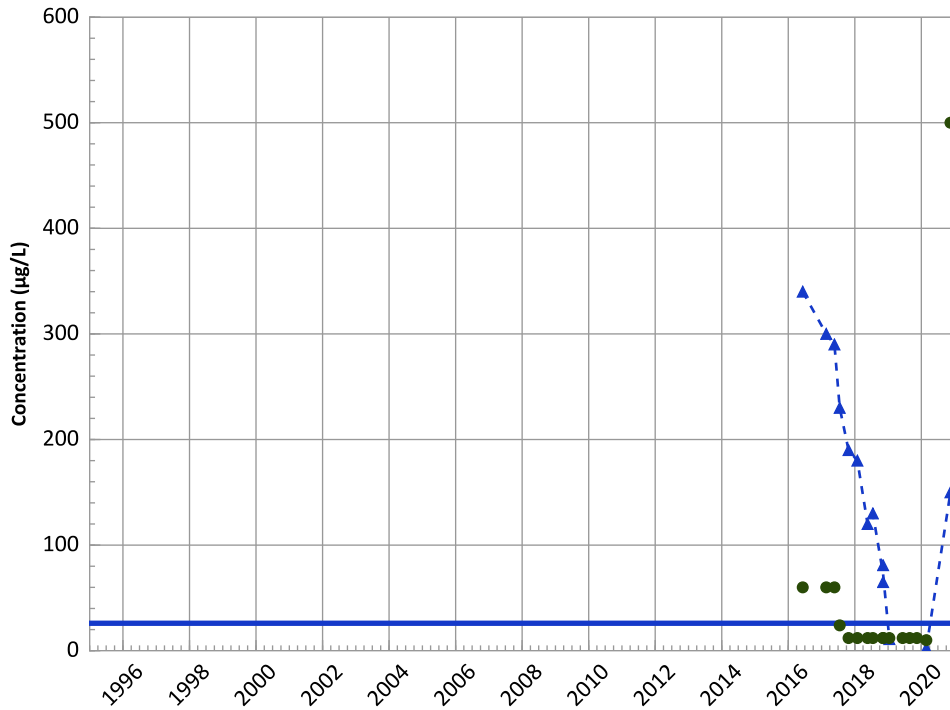
2018 - 2020 Data:

No Trend

All Data:

Stable

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

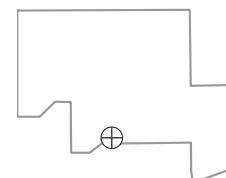
2018 - 2020 Data:

No Trend

All Data:

Decreasing

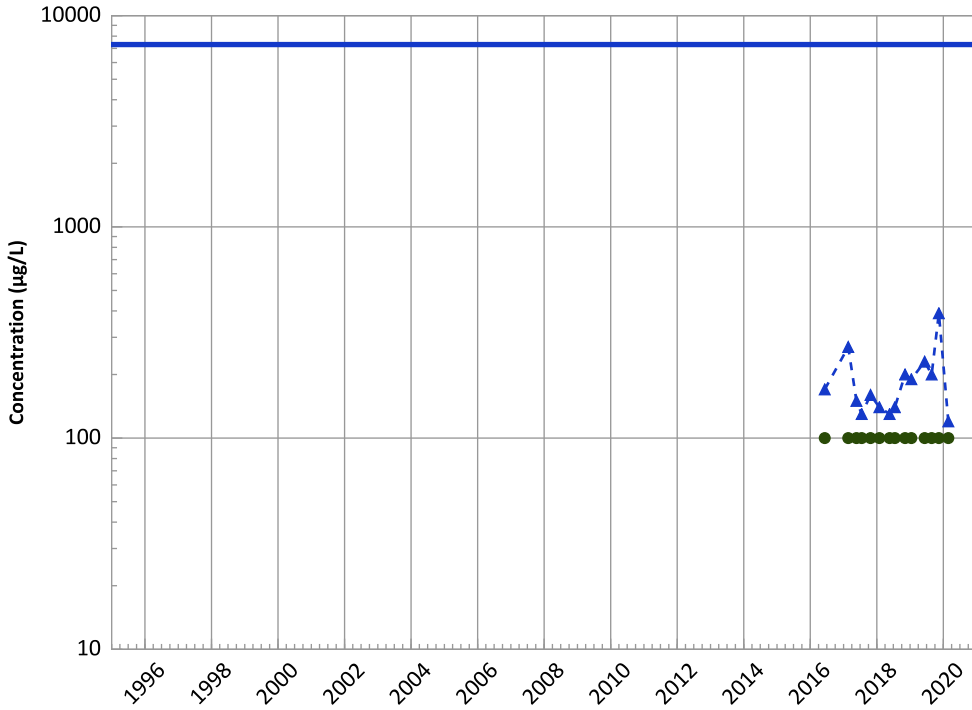
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

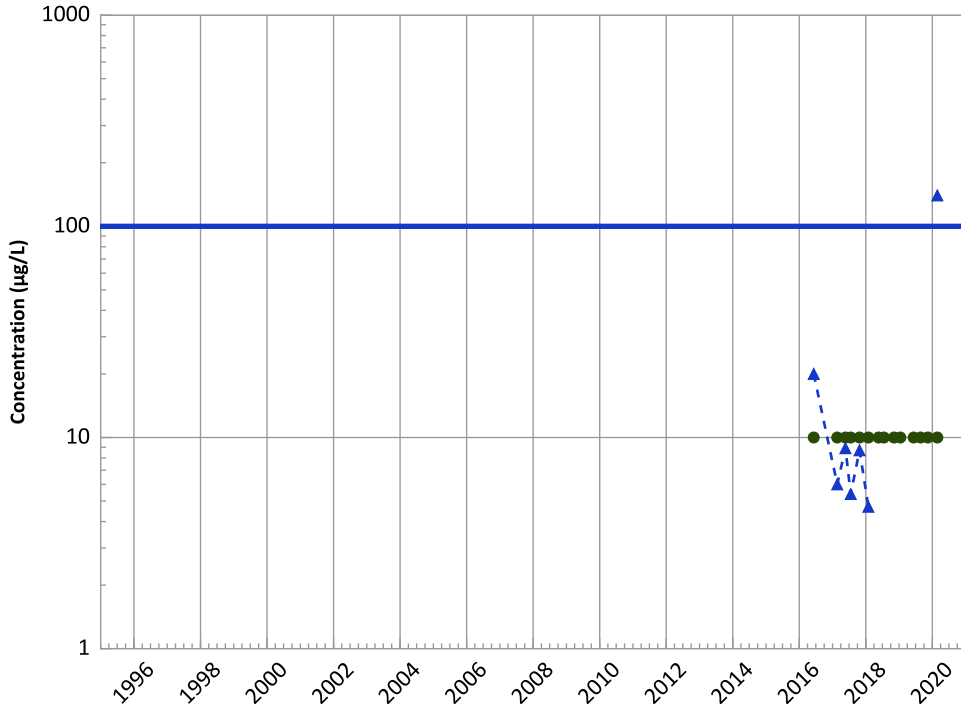
2018 - 2020 Data:

Stable

All Data:

No Trend

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

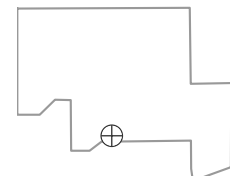
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

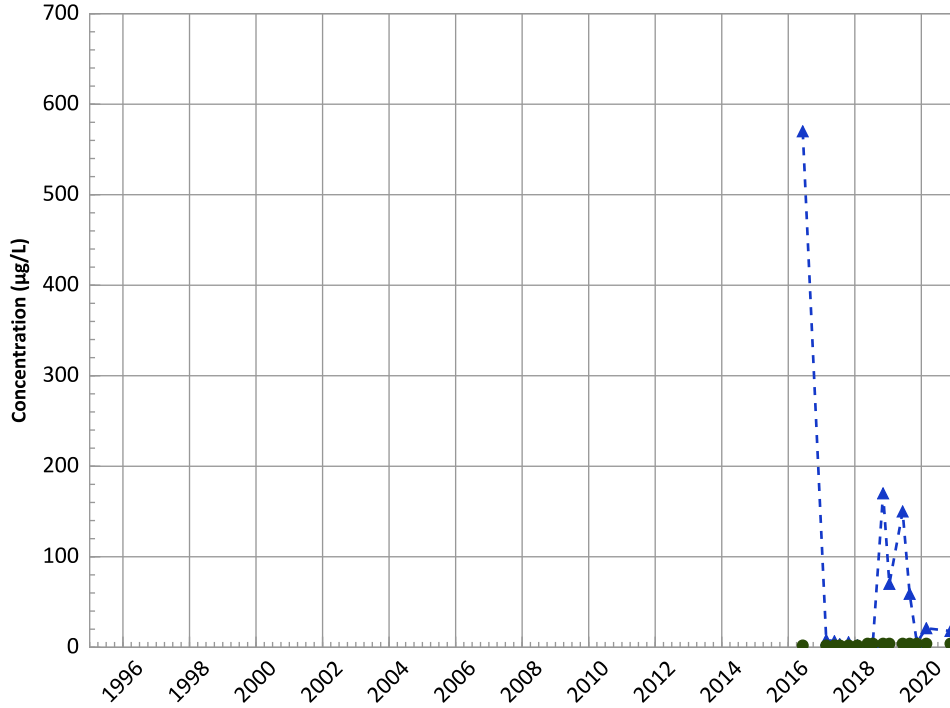


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

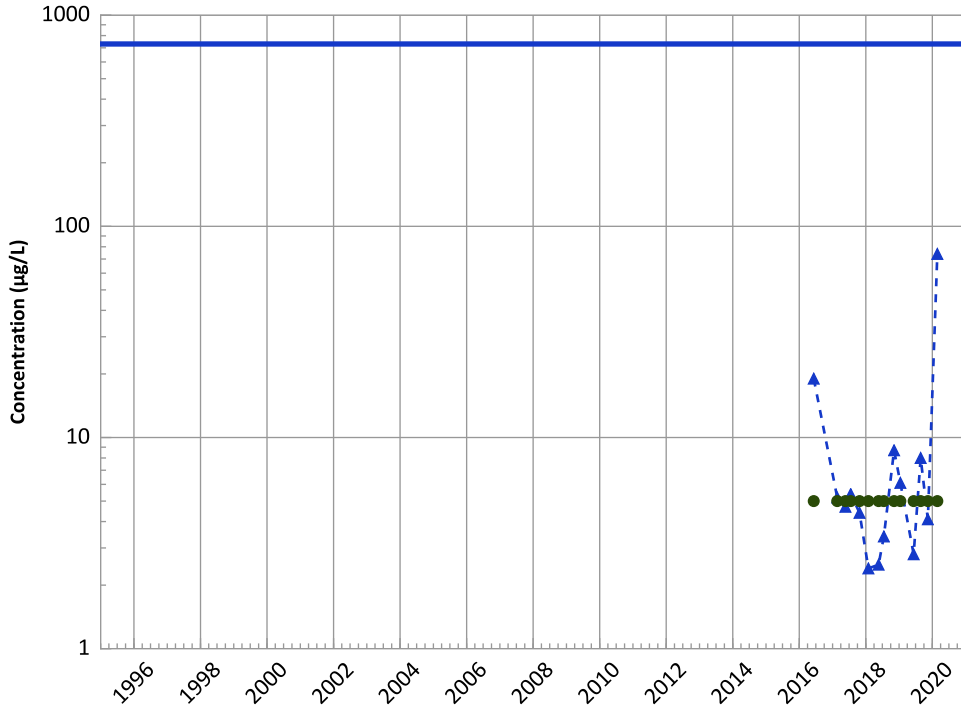
2018 - 2020 Data:

Stable

All Data:

No Trend

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

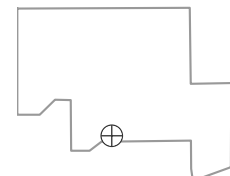
2018 - 2020 Data:

No Trend

All Data:

No Trend

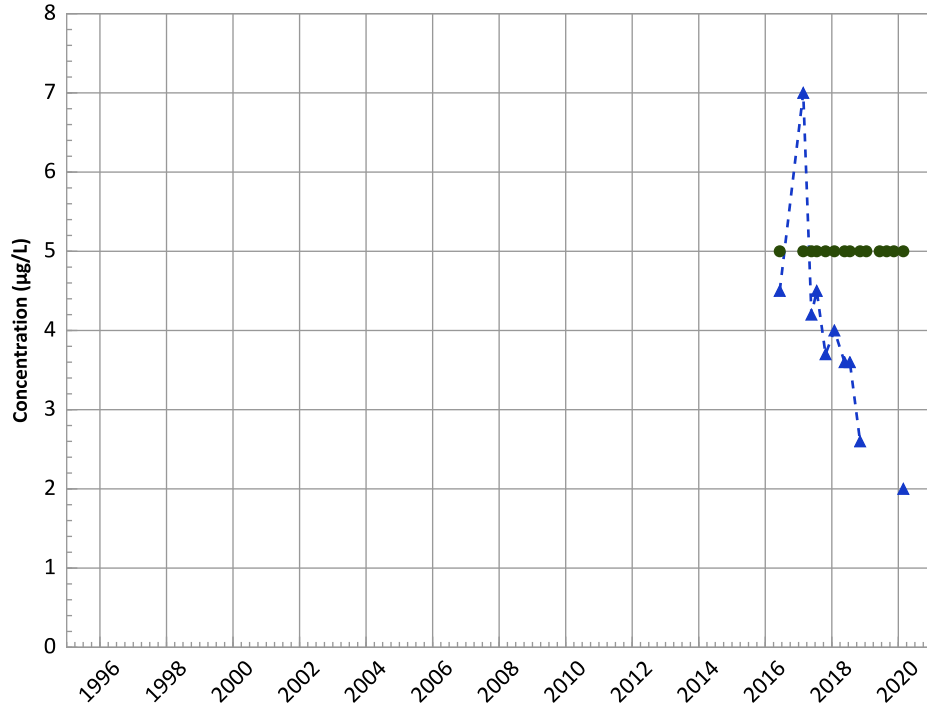
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

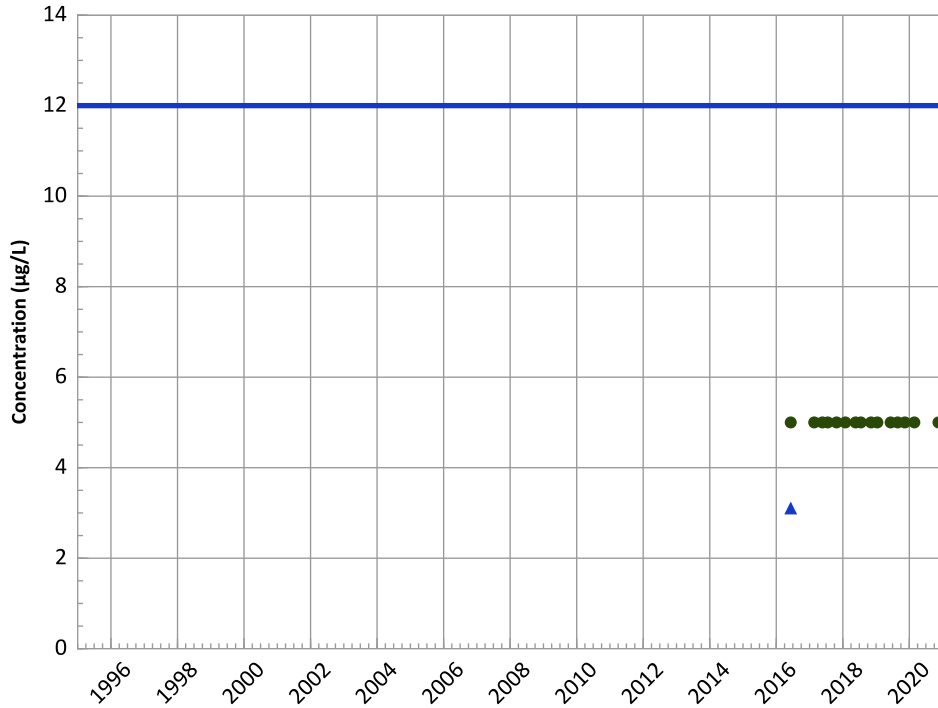


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Arsenic Trend

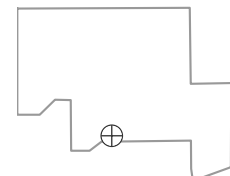


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

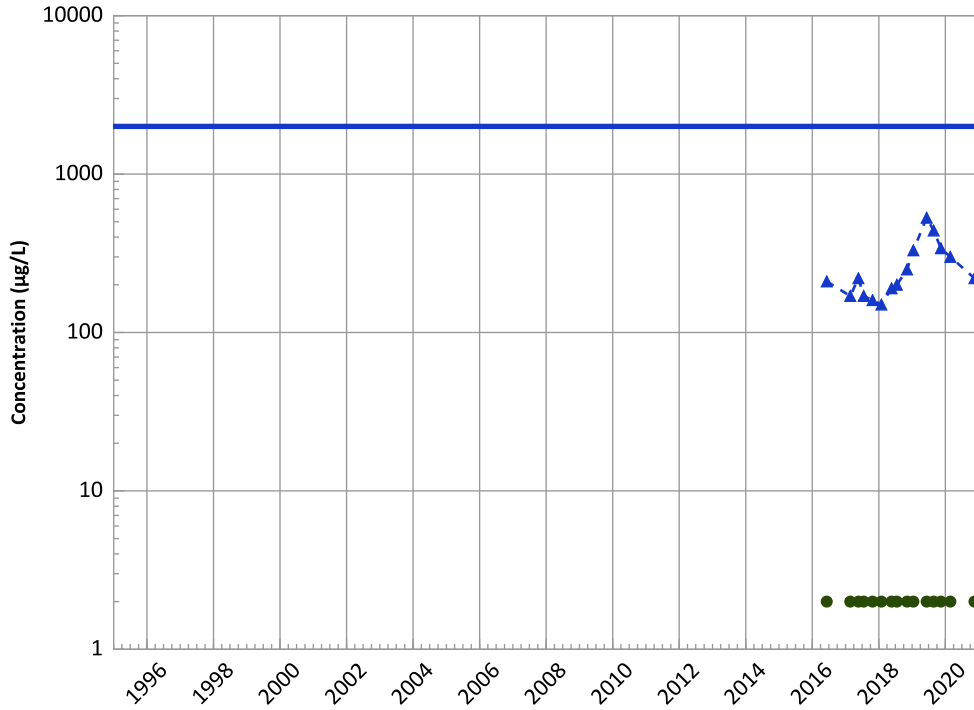


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

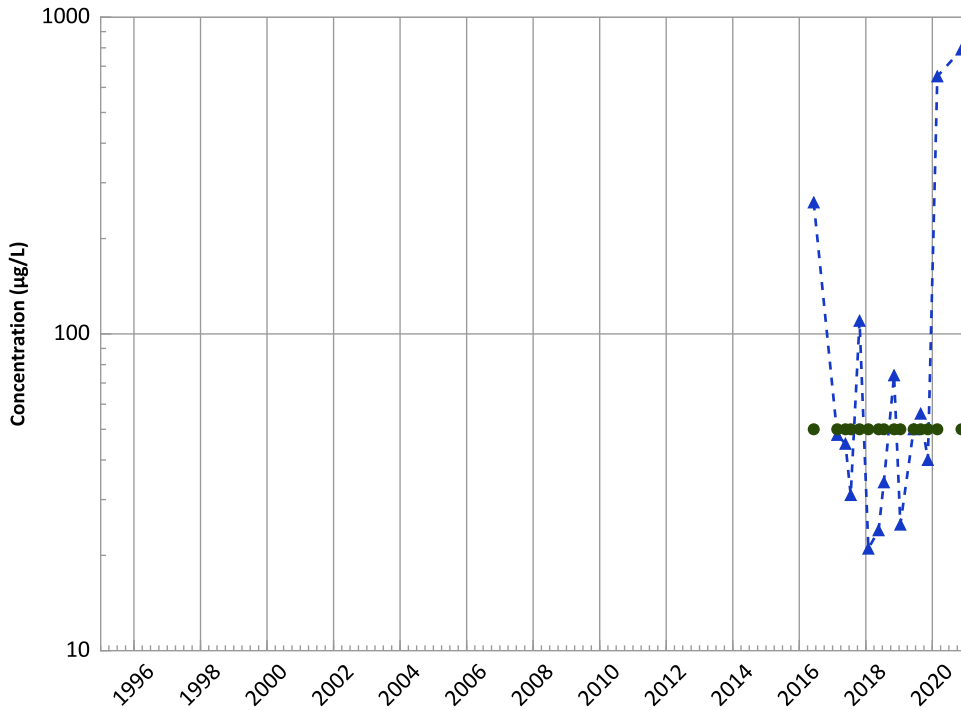
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

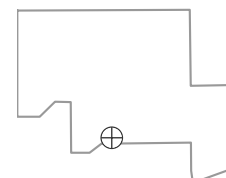
2018 - 2020 Data:

No Trend

All Data:

No Trend

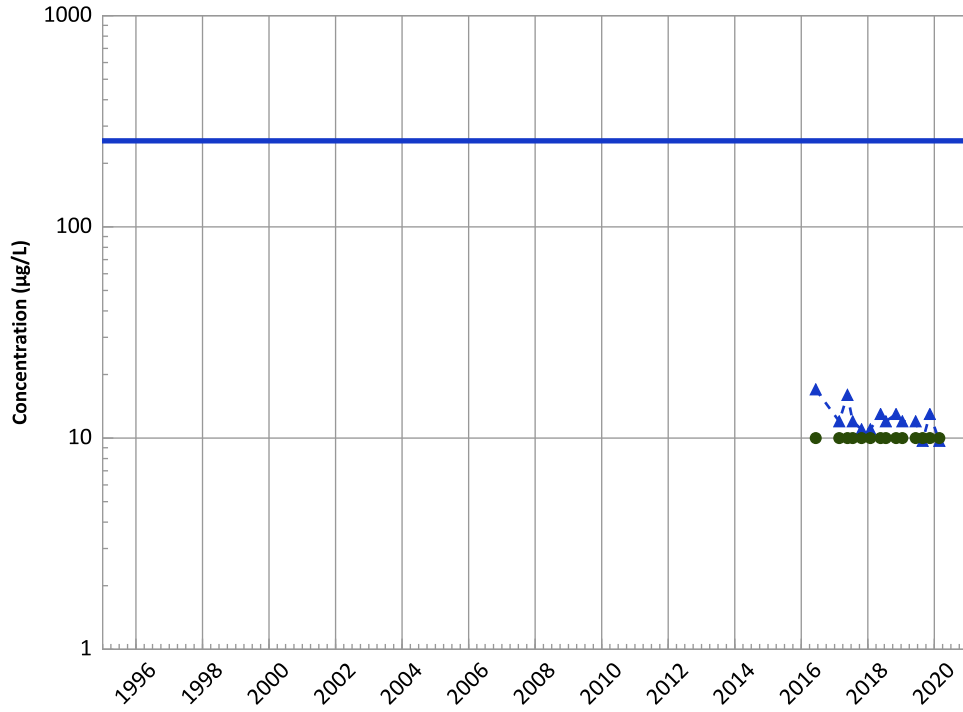
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**

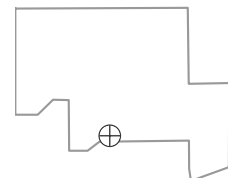


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data: Decreasing
 All Data: Decreasing
MAROS Linear Regression Method
 2018 - 2020 Data: Stable
 All Data: Decreasing

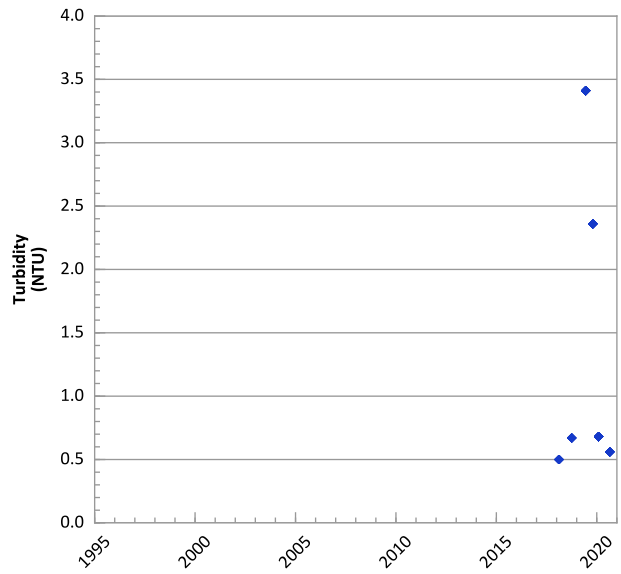
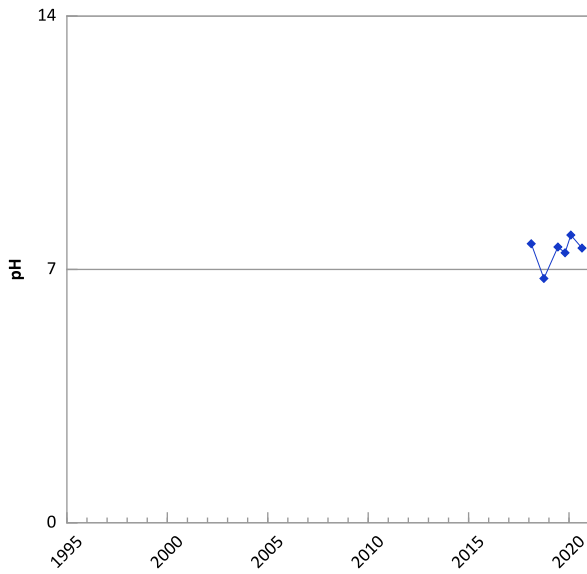
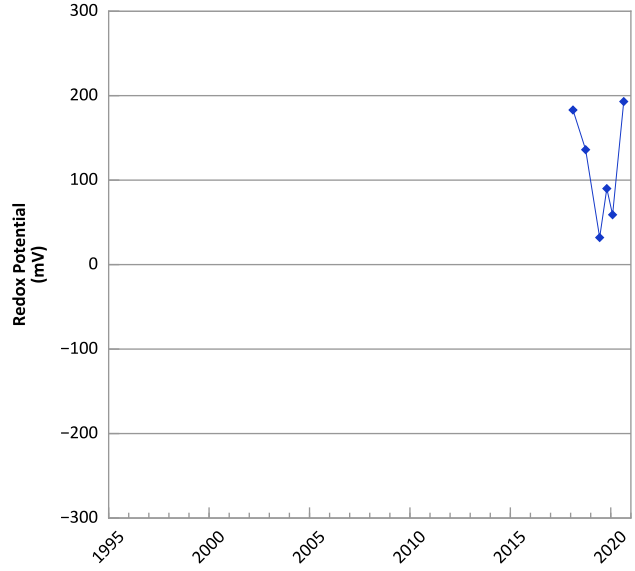
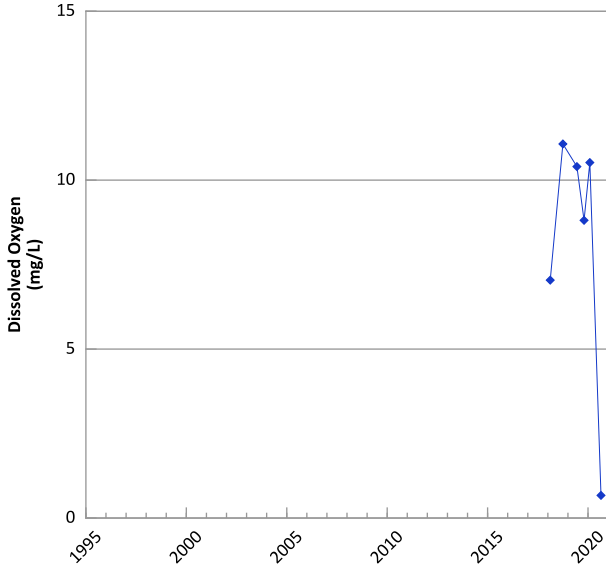
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

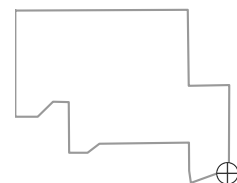


**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



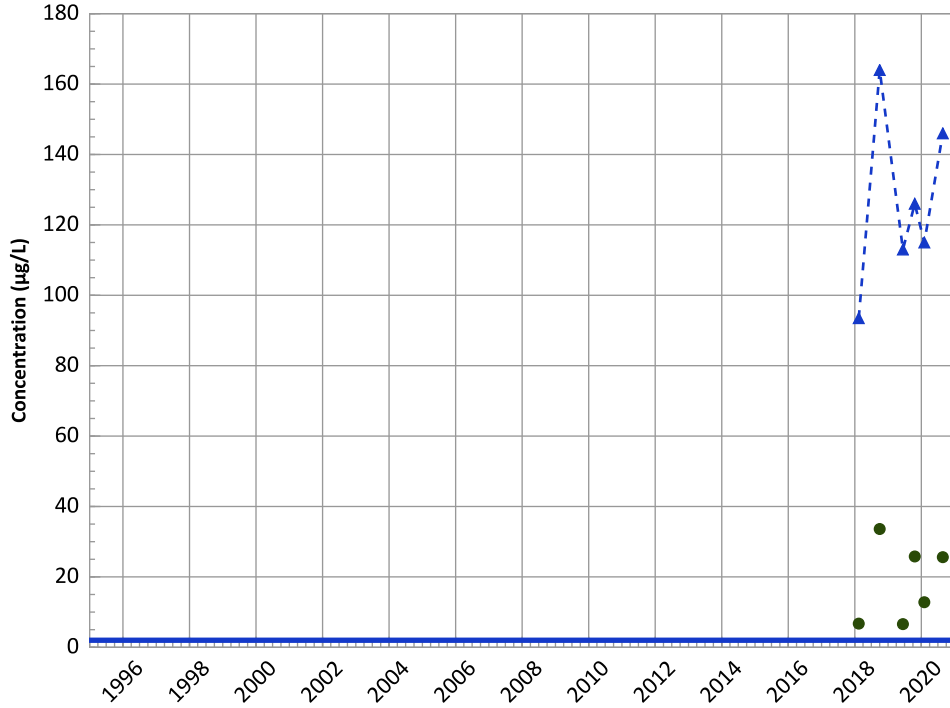
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/13/2018 to 08/24/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

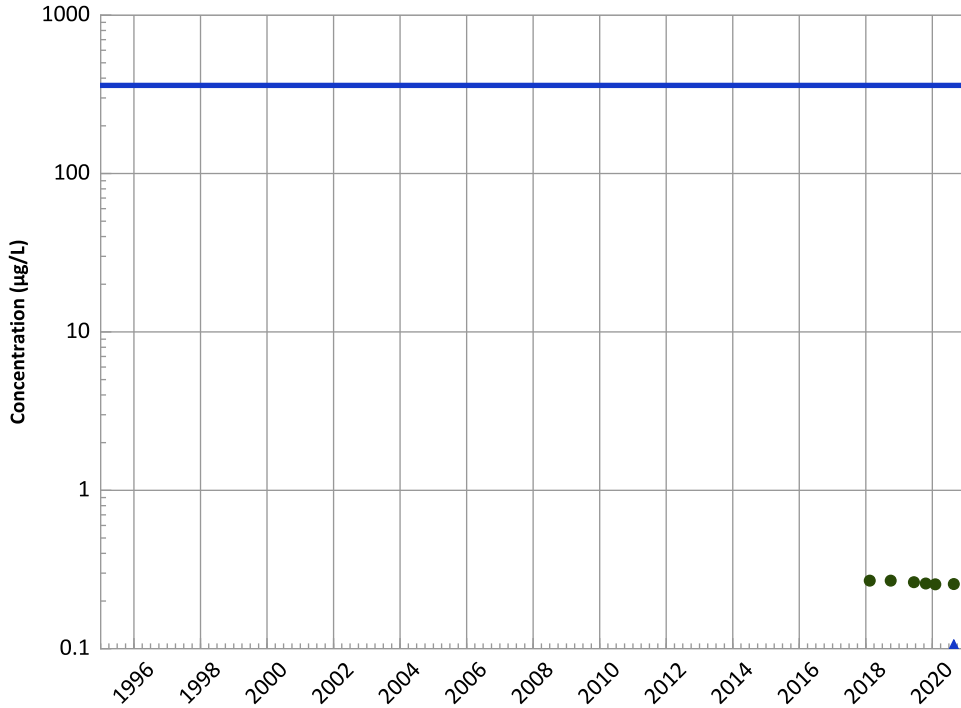
2018 - 2020 Data:

No Trend

All Data:

No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

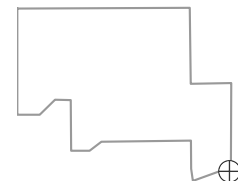
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

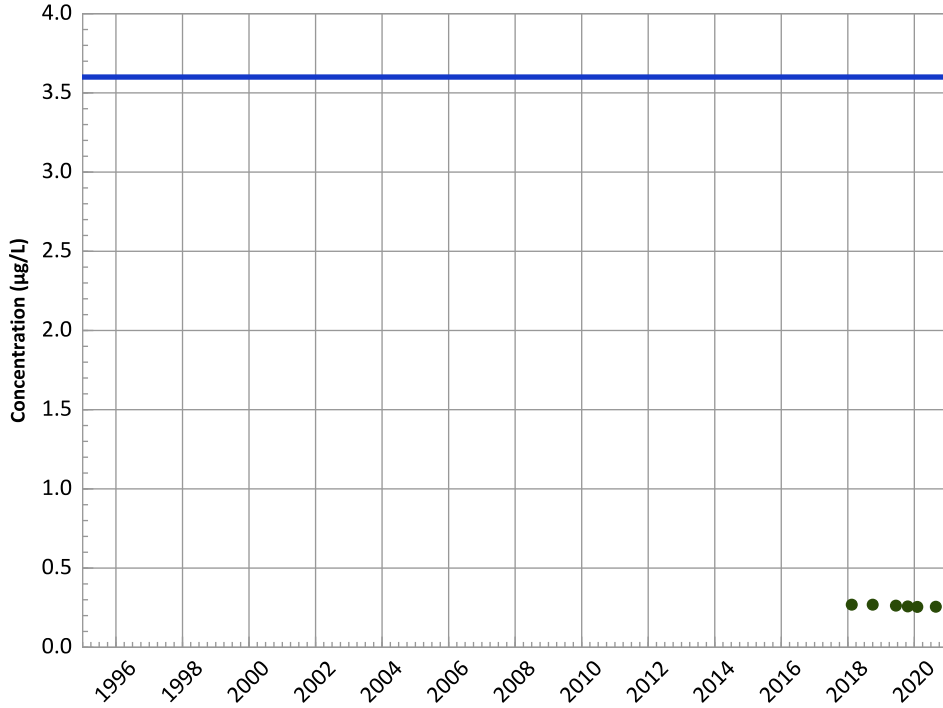


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

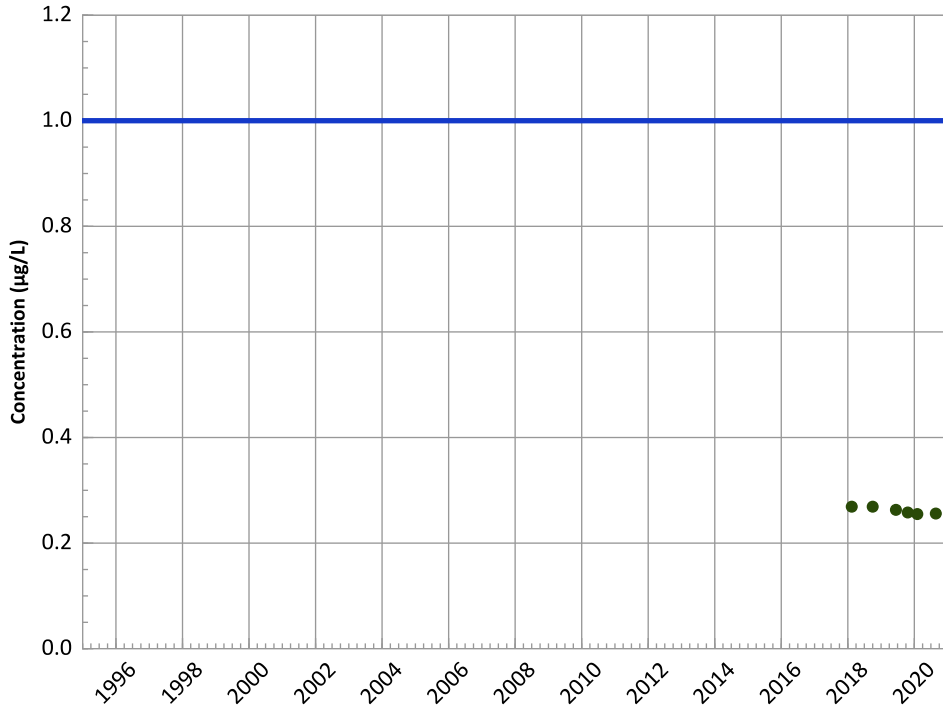
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

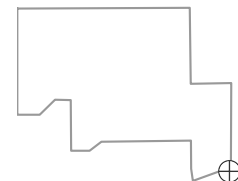
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

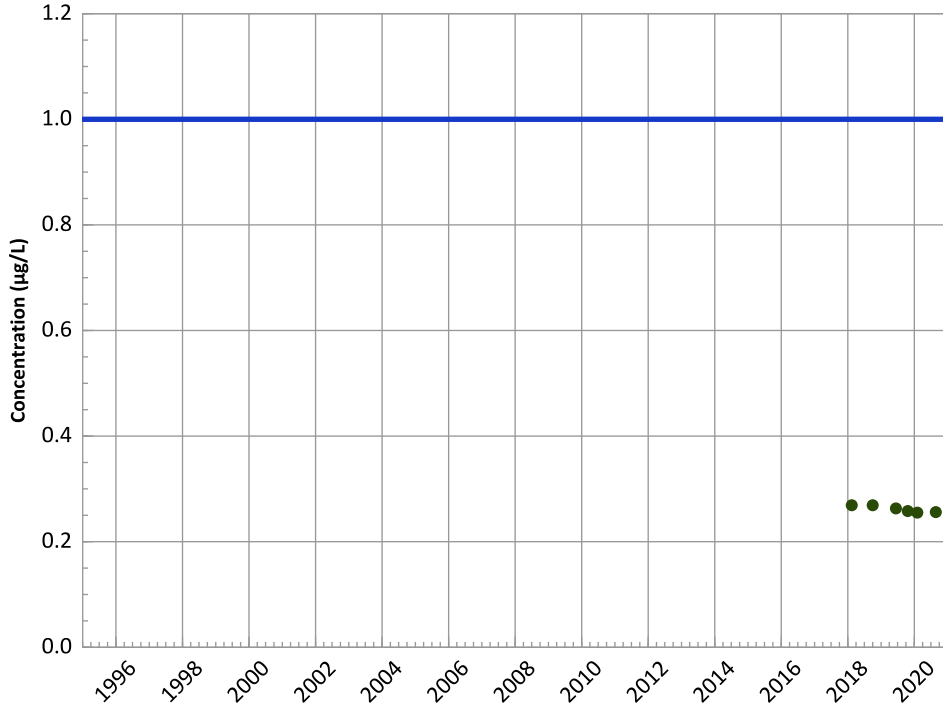


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

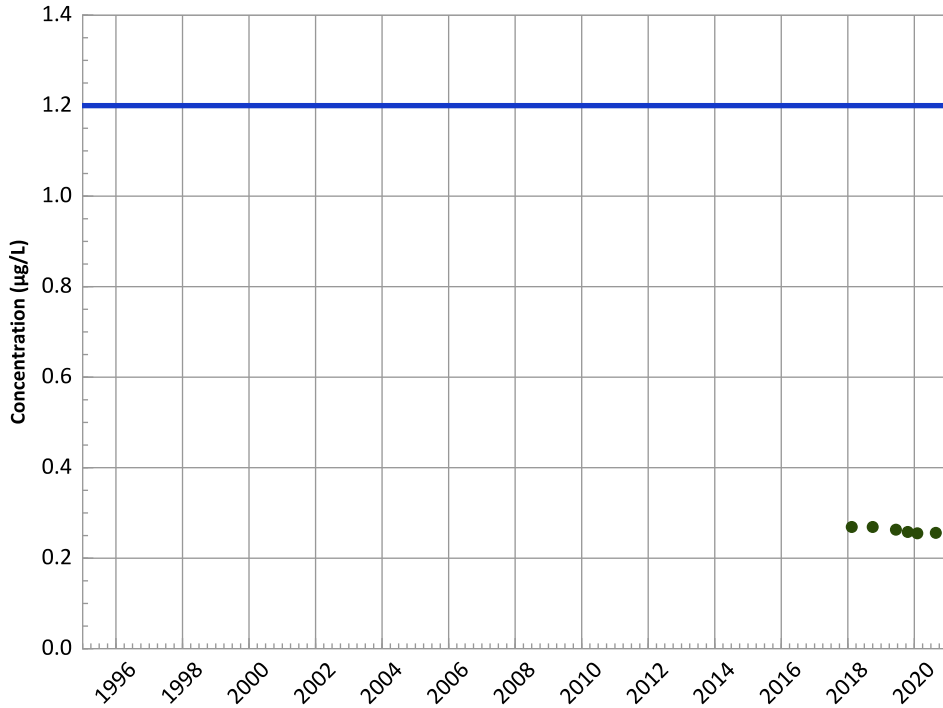
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

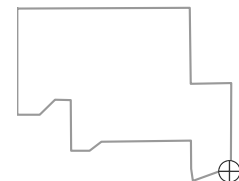
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

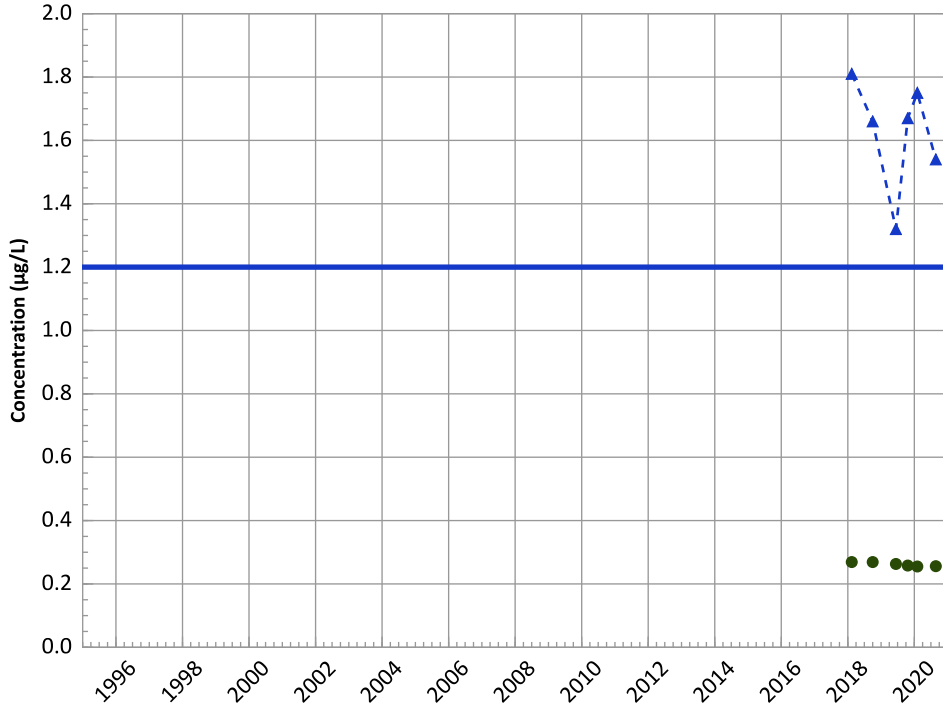
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

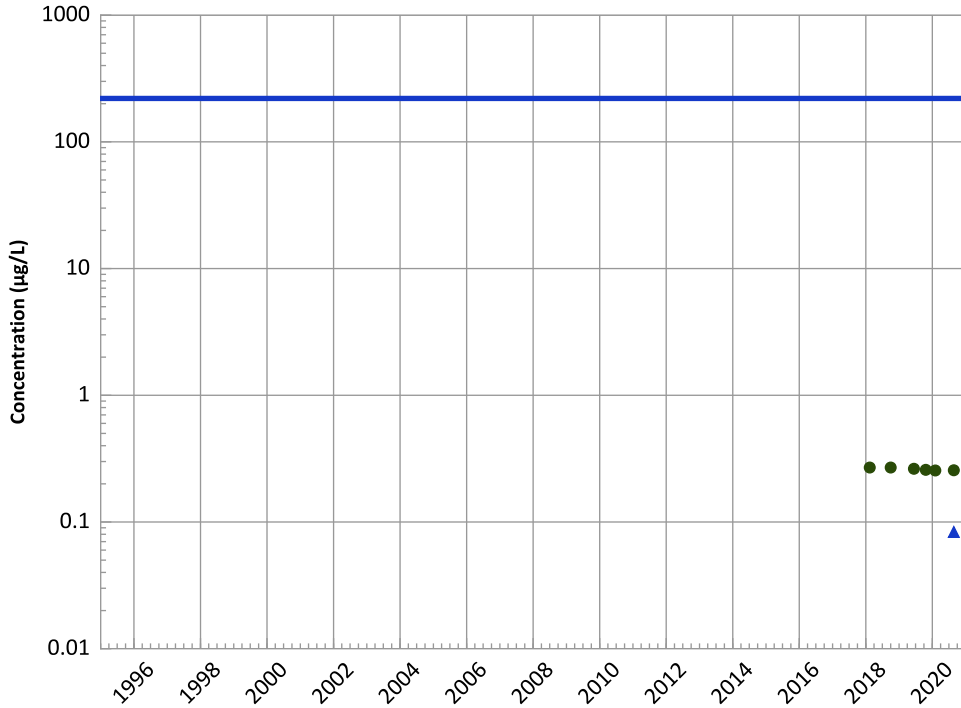
2018 - 2020 Data:

No Trend

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

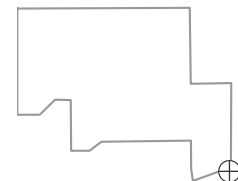
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

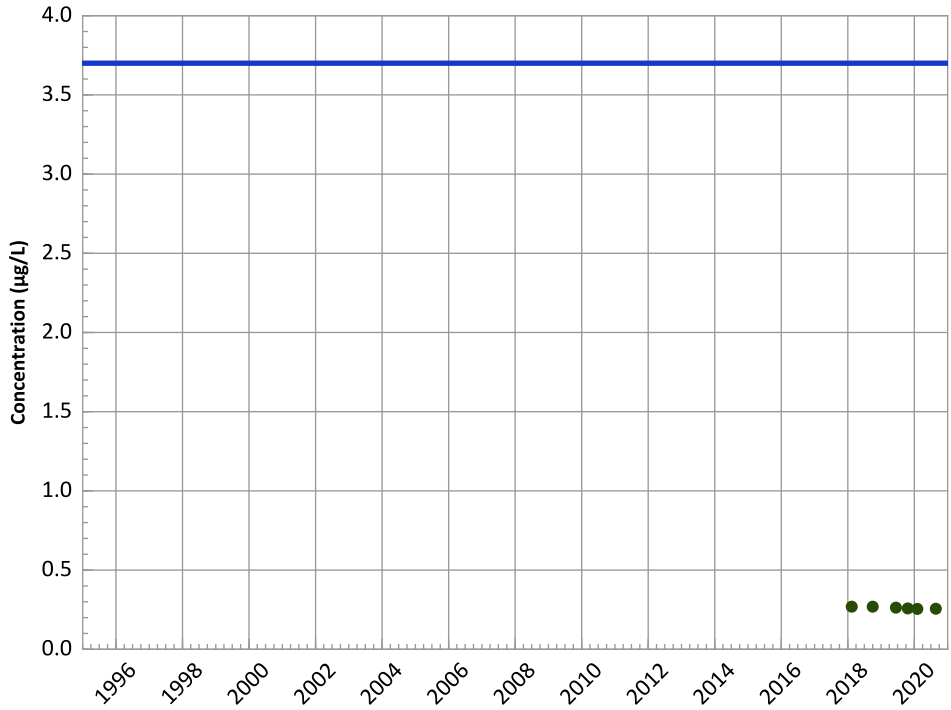
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

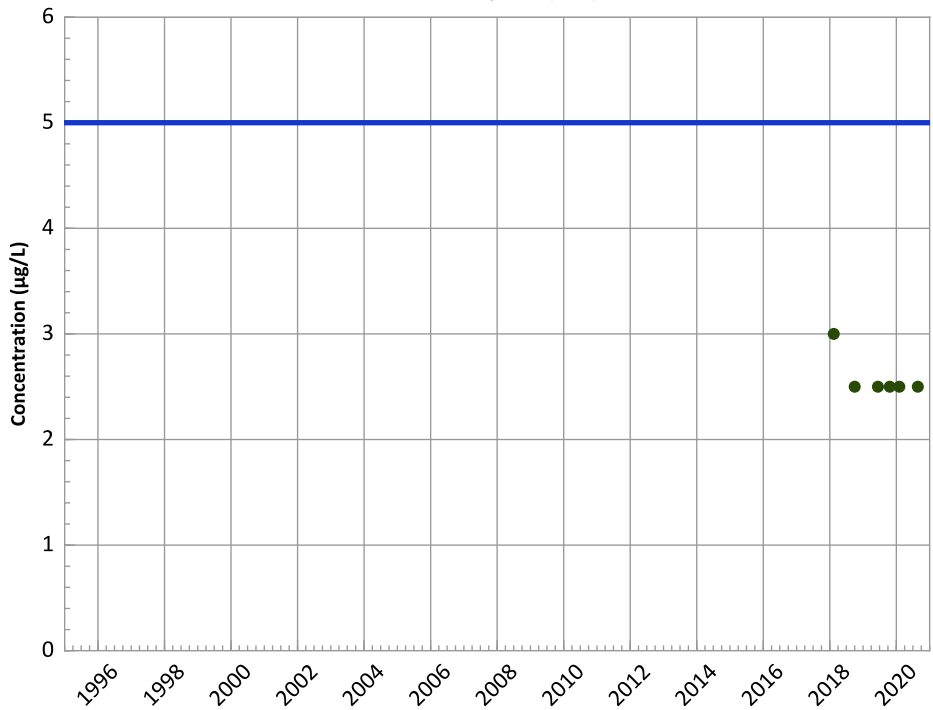
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

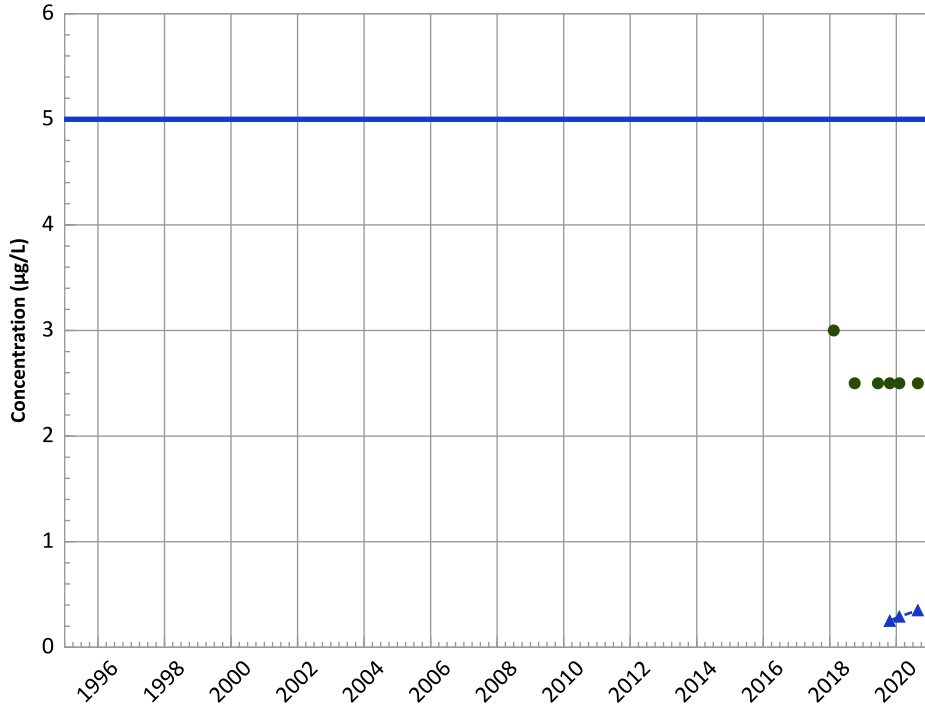


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

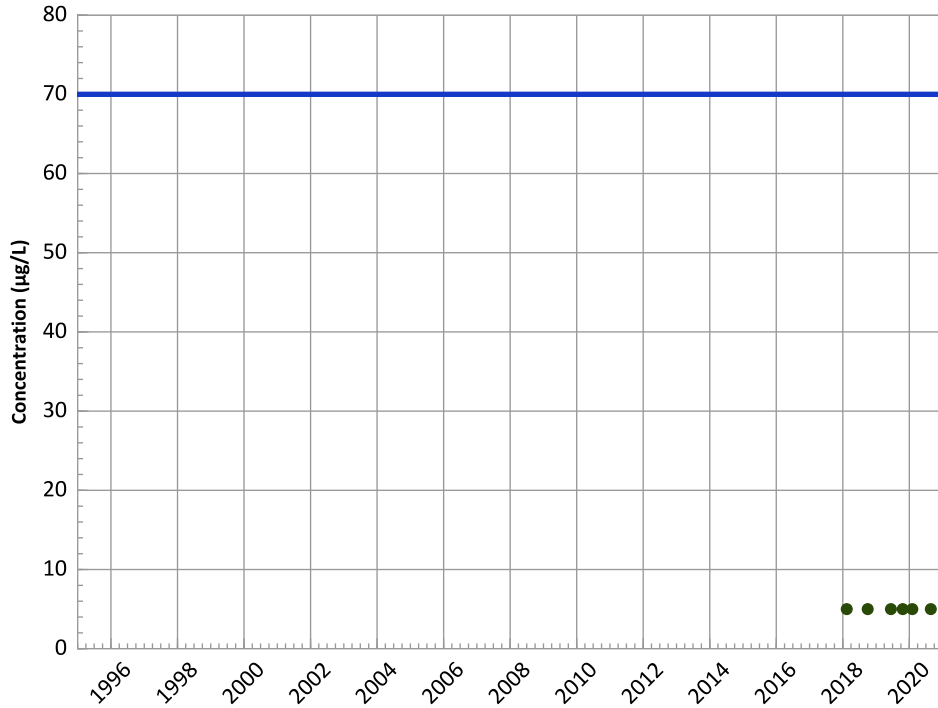


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

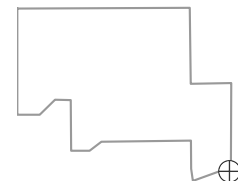


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

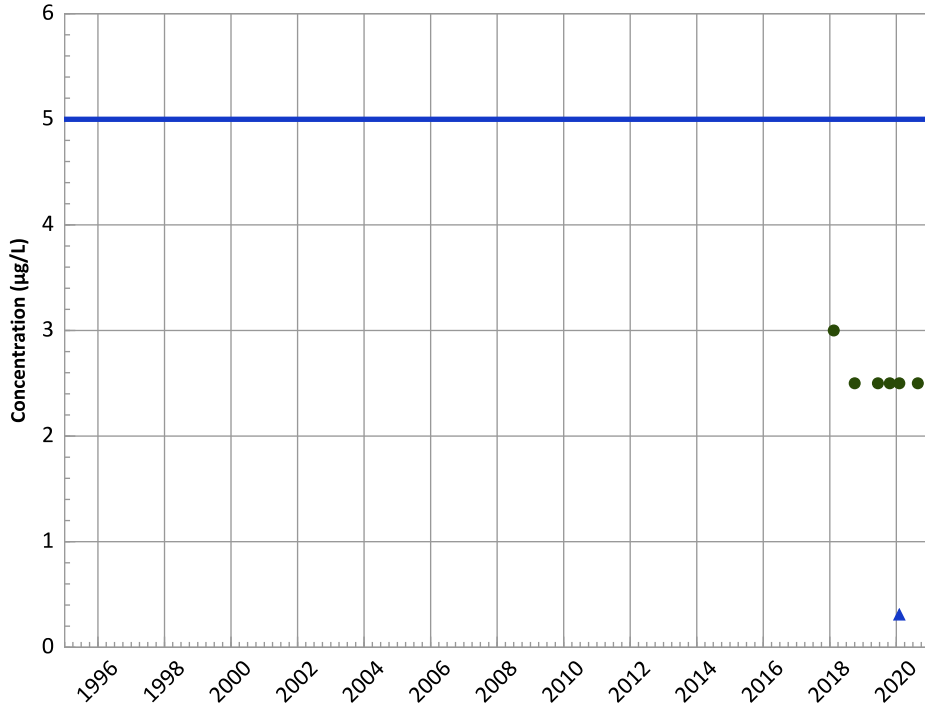
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

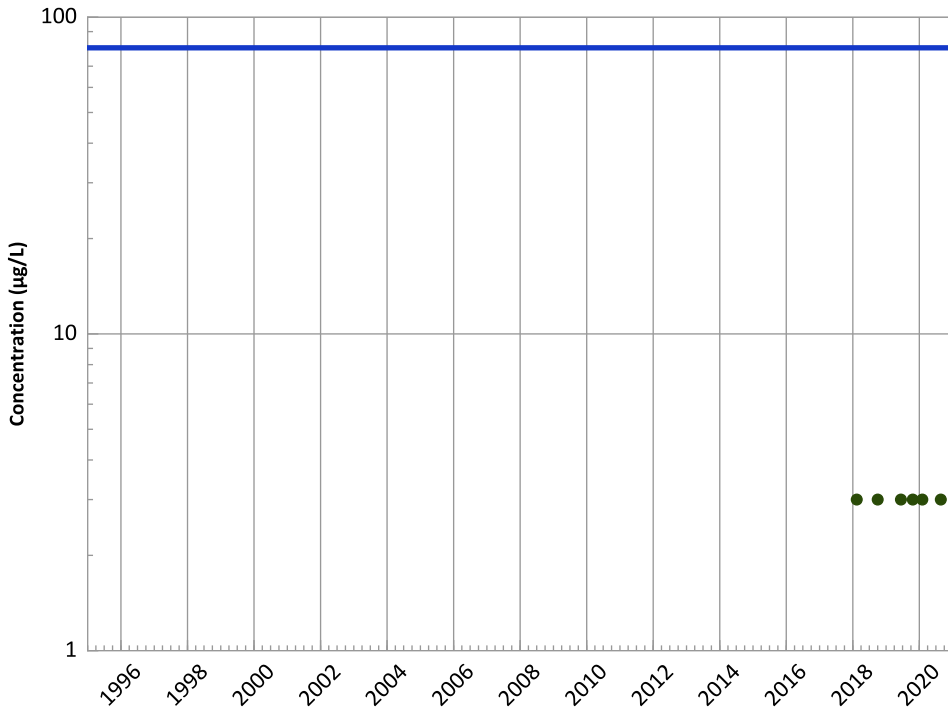


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

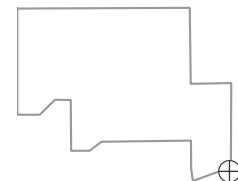


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

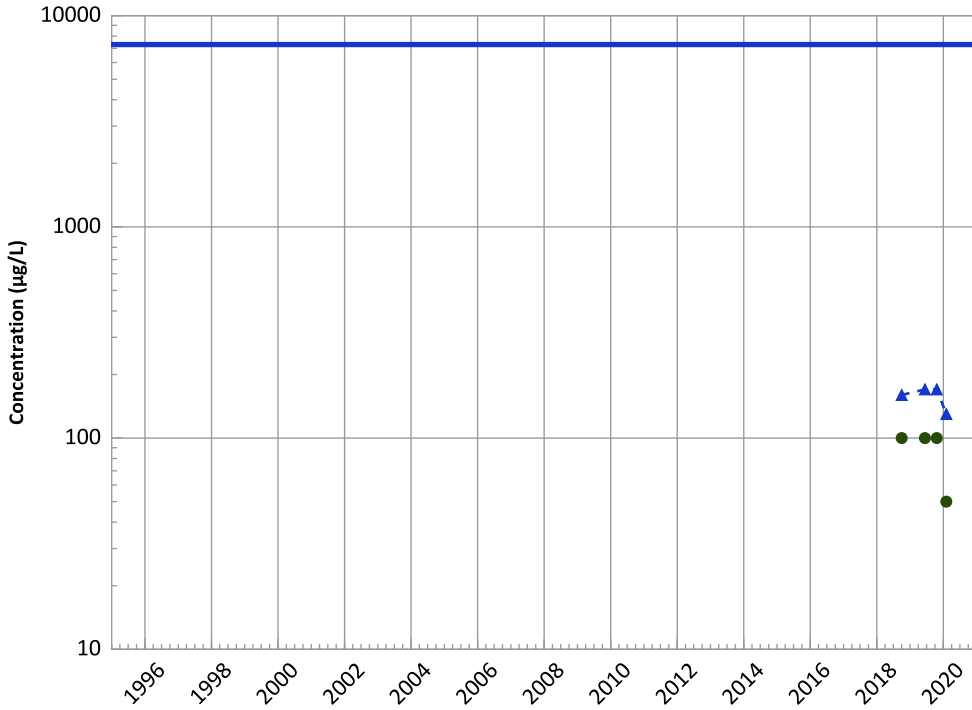
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

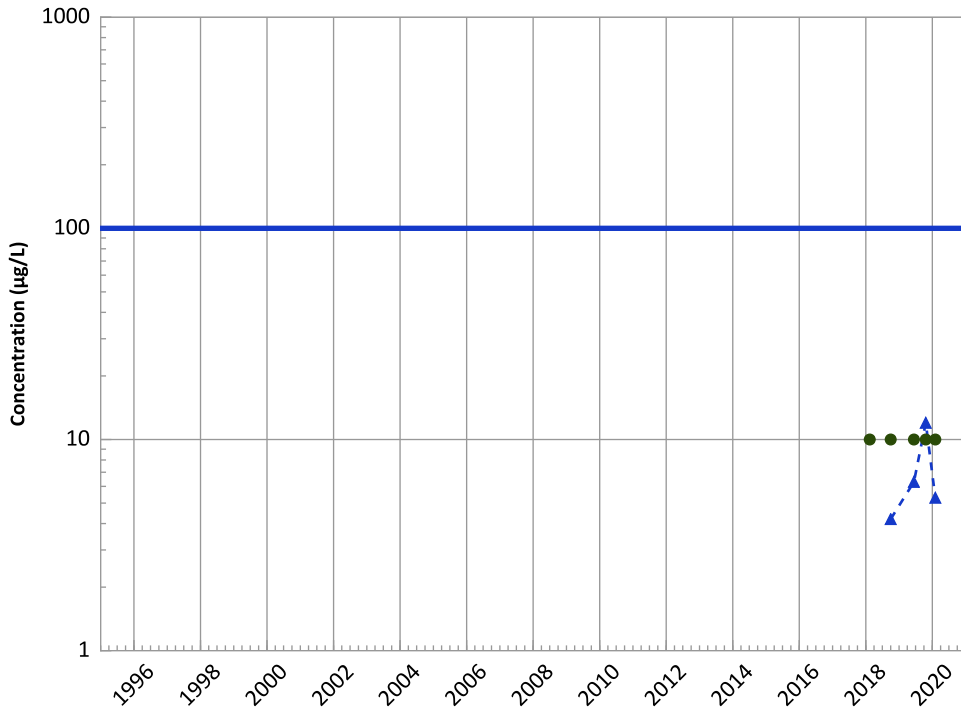


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Chromium, Total Trend

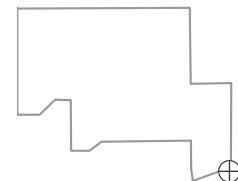


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Well Location

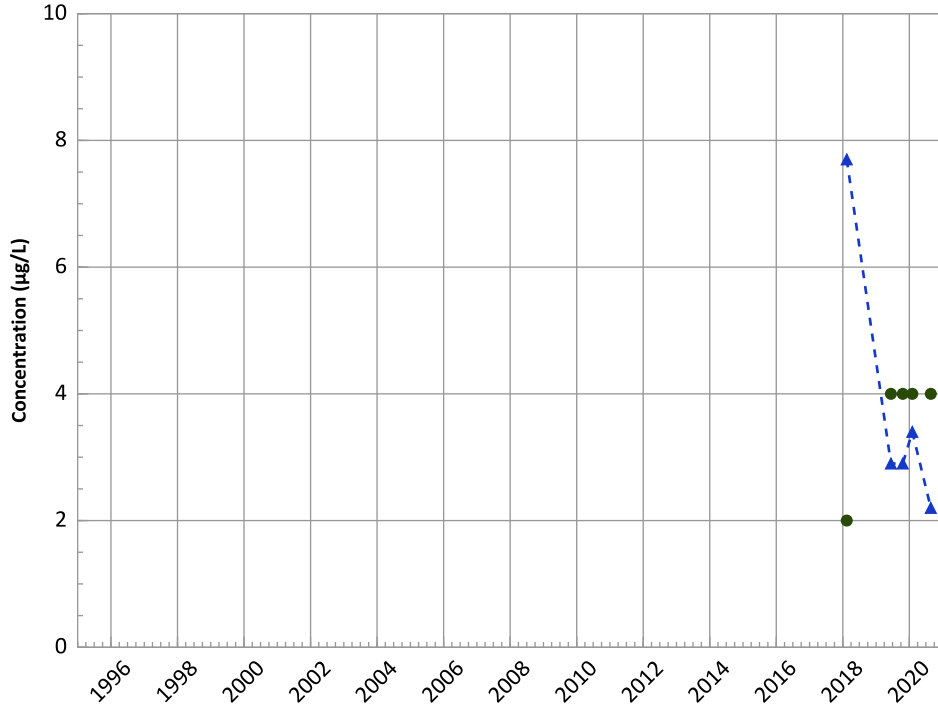


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

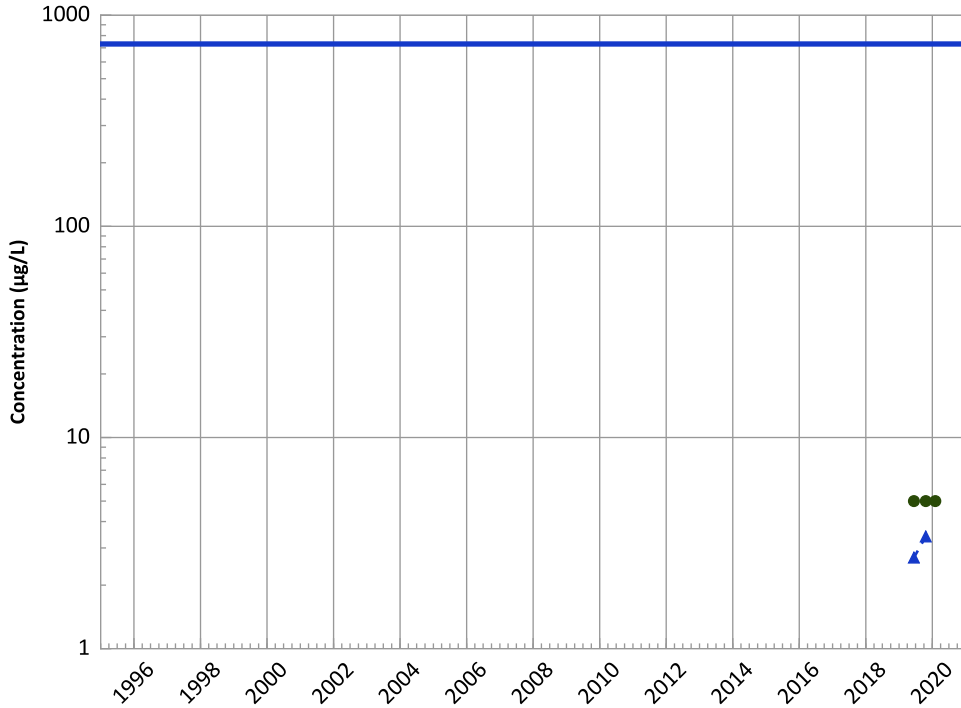
2018 - 2020 Data:

Stable

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

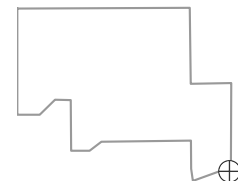
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

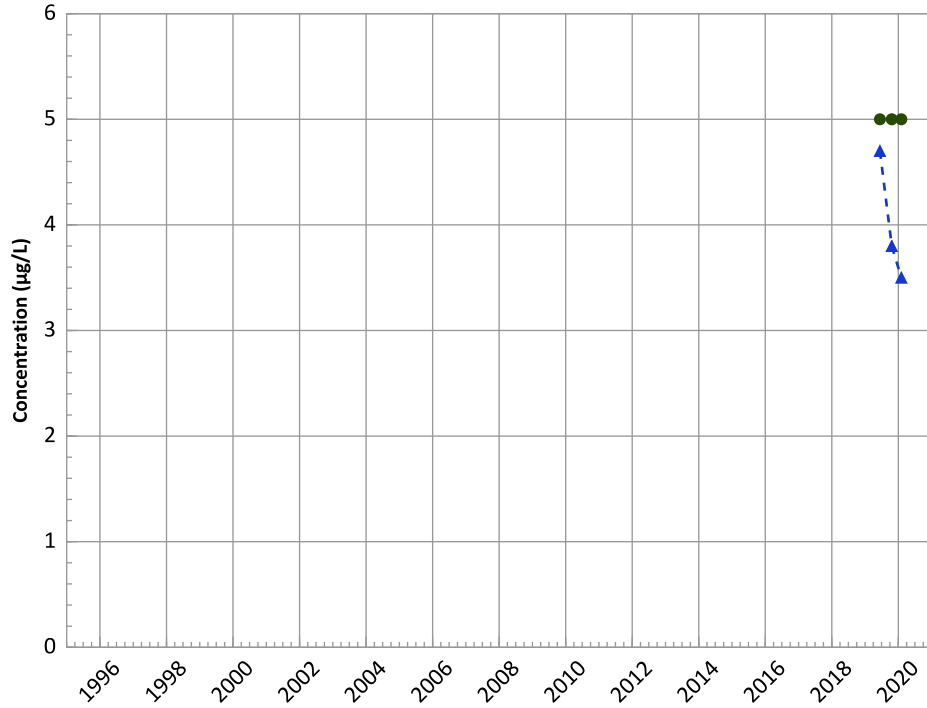
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

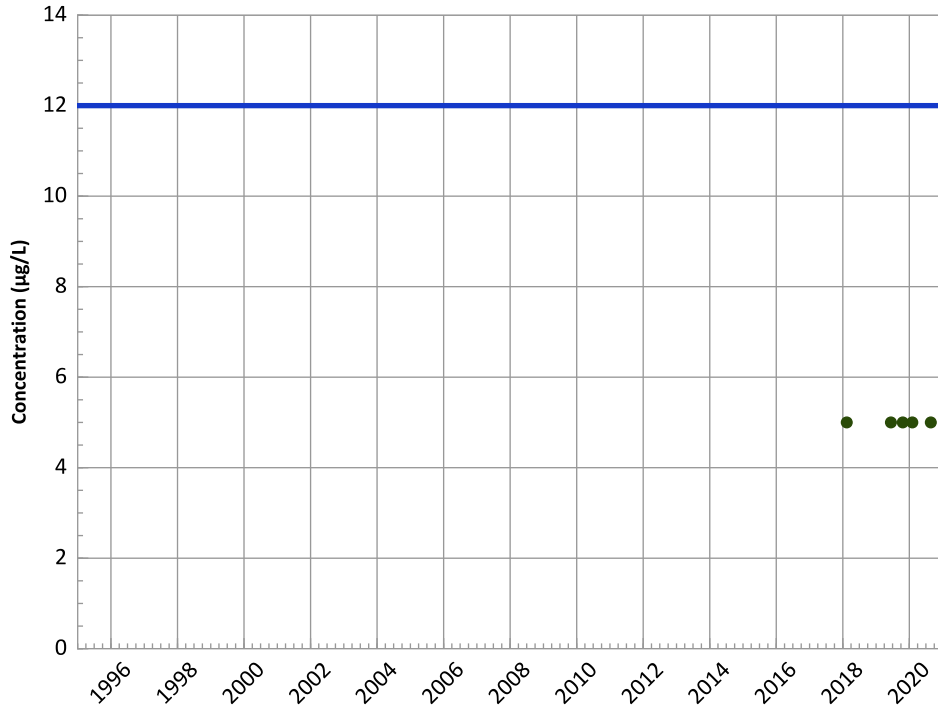


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

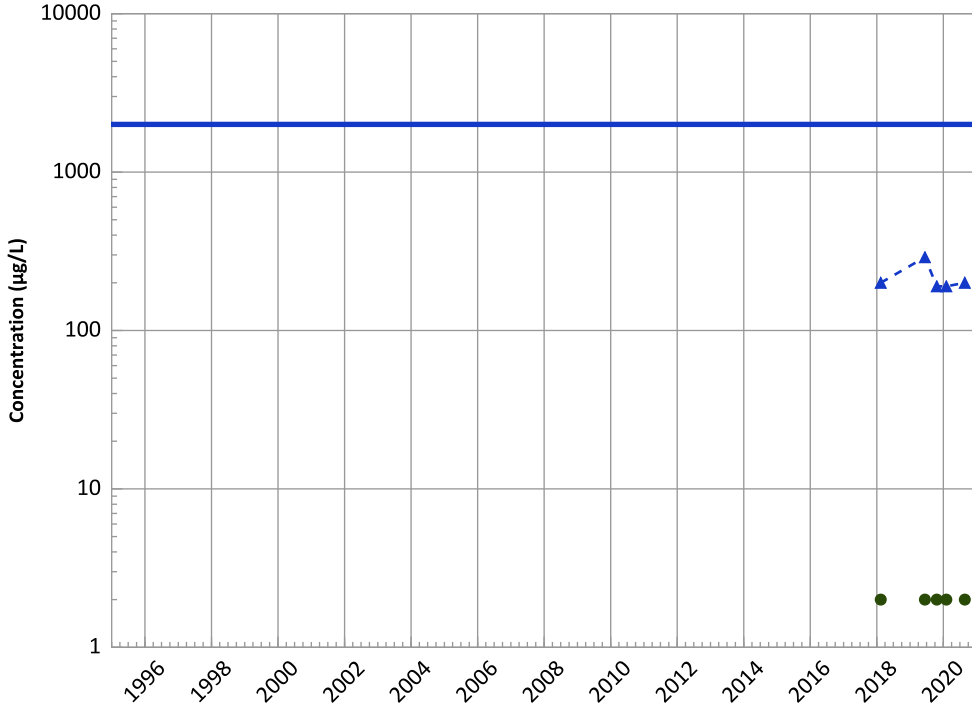


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

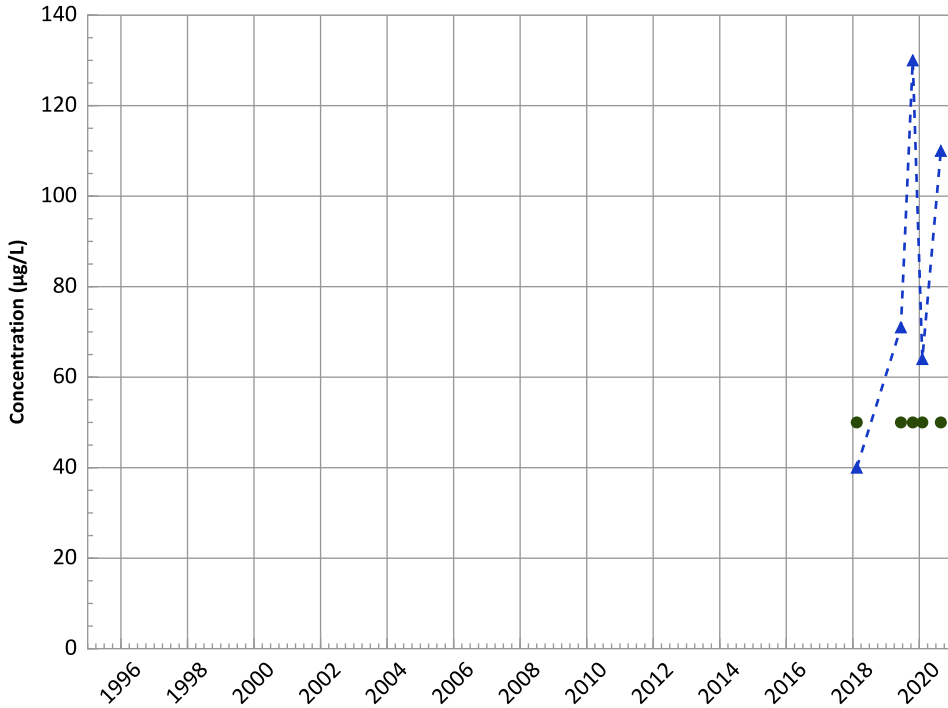
2018 - 2020 Data:

Decreasing

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

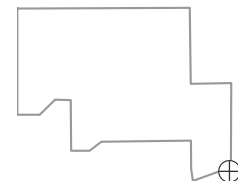
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

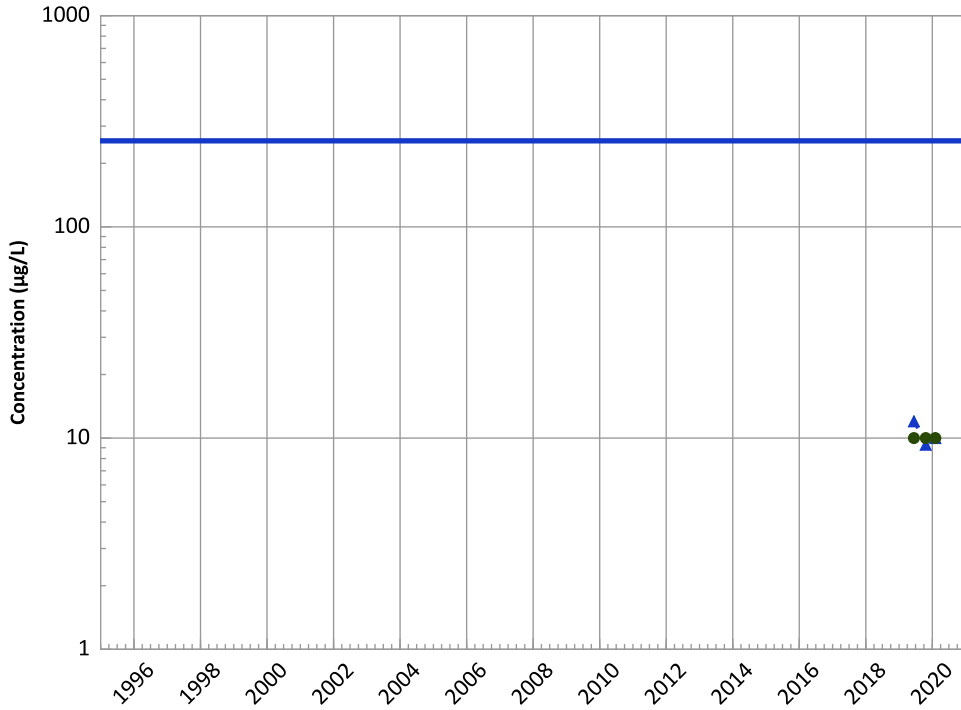
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

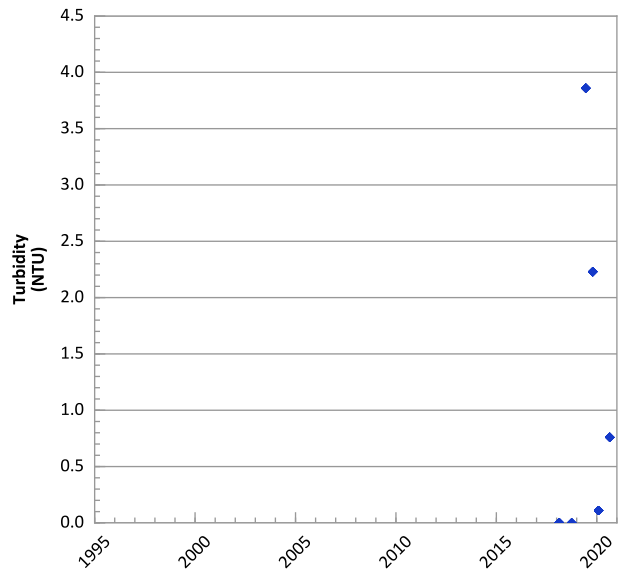
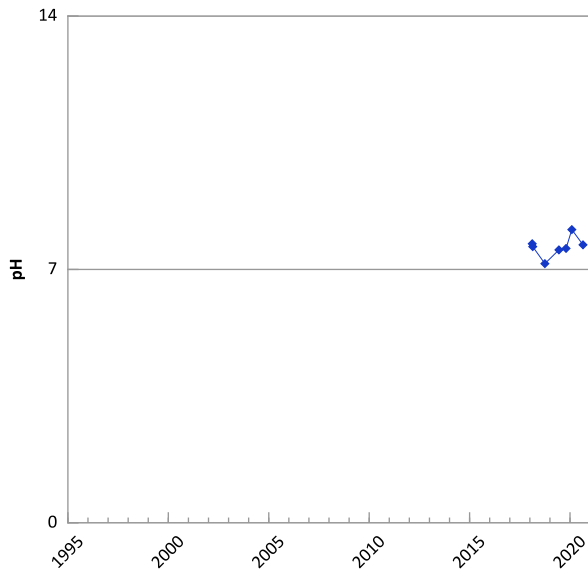
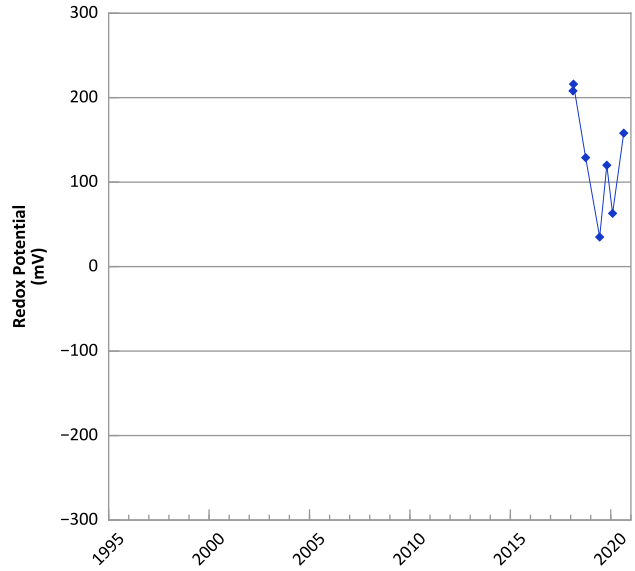
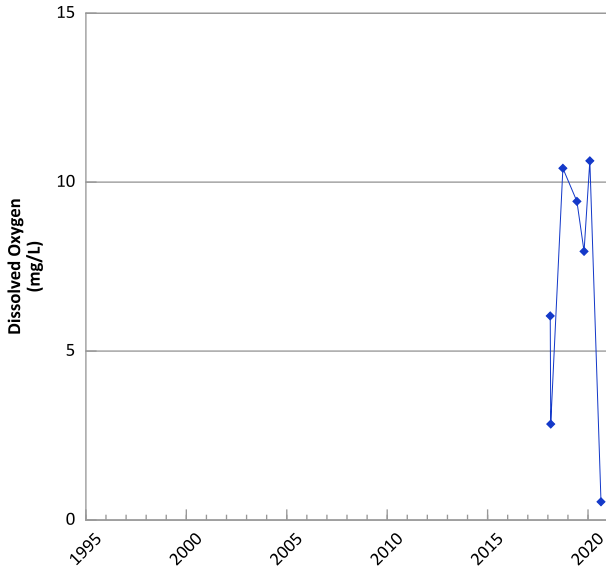
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

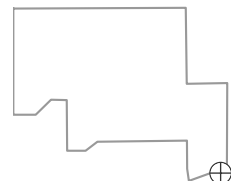


**PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



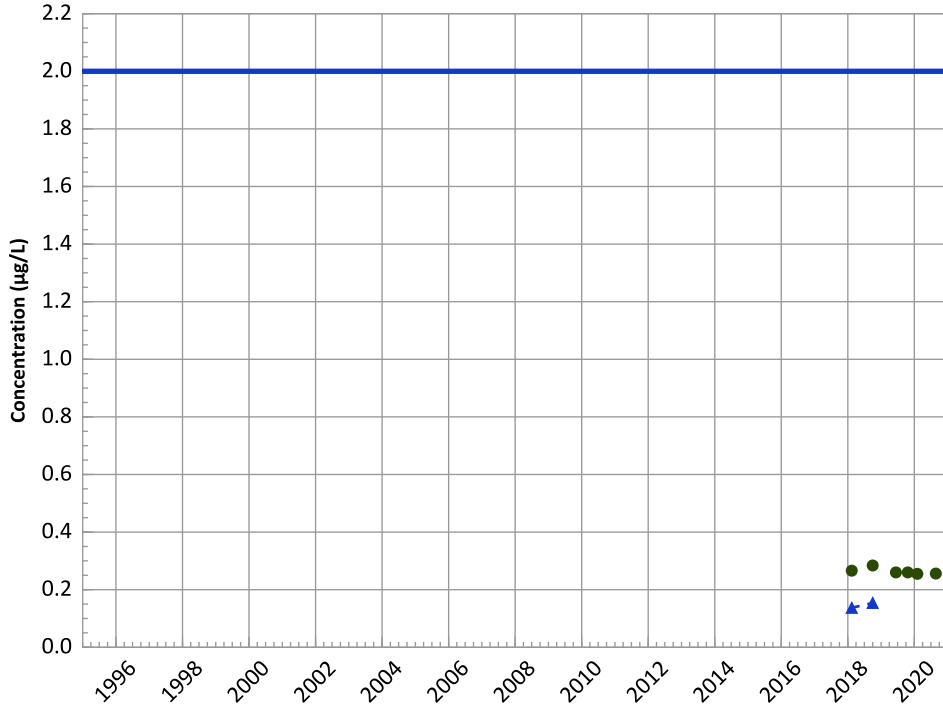
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/13/2018 to 08/24/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

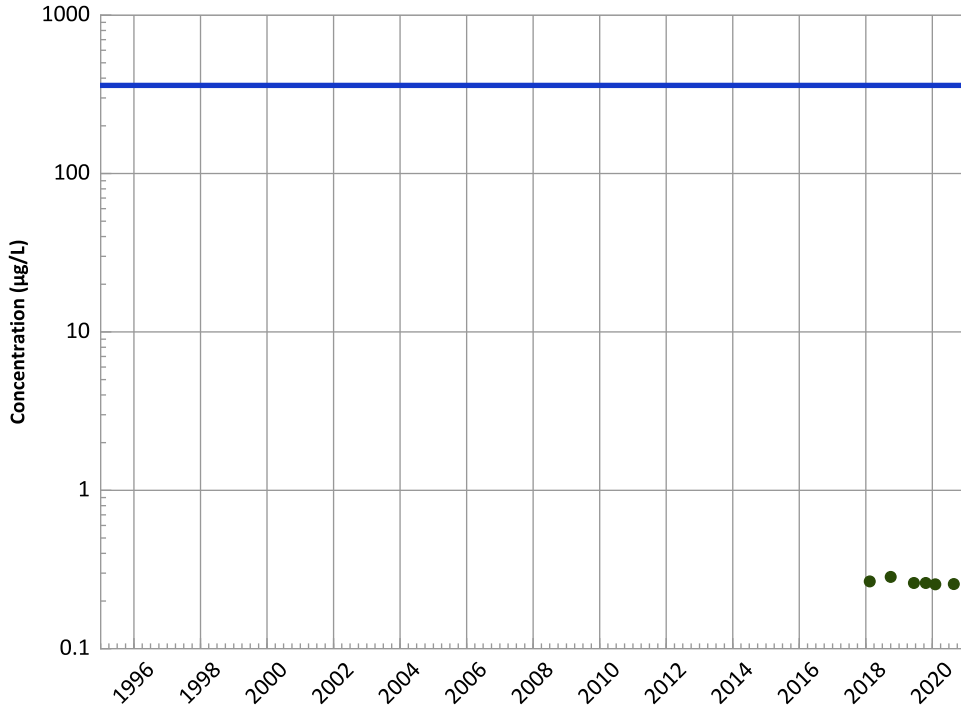


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

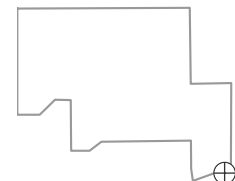


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

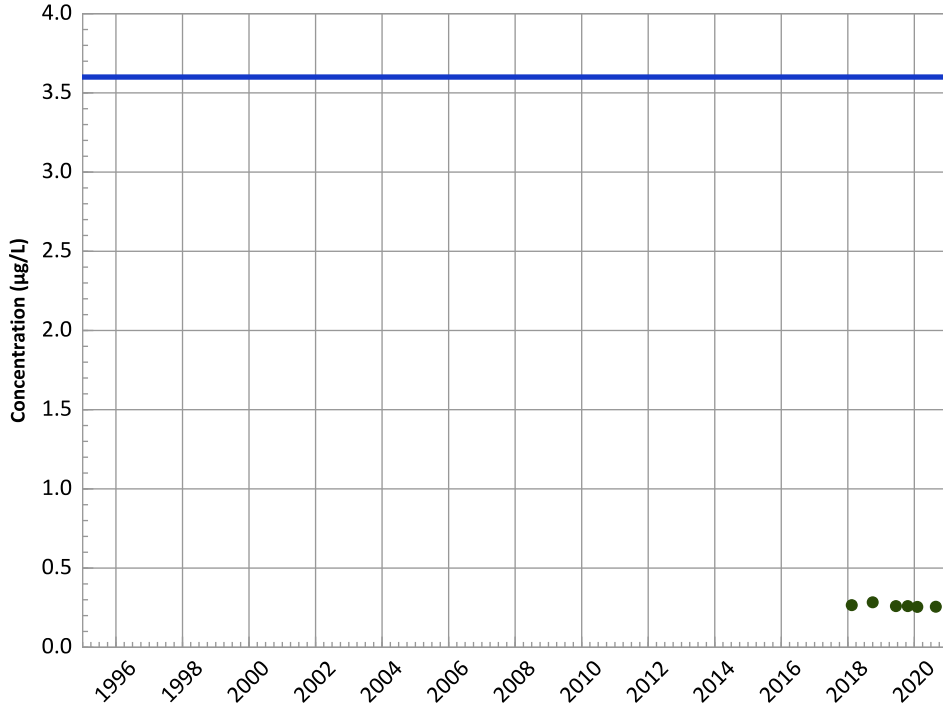


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

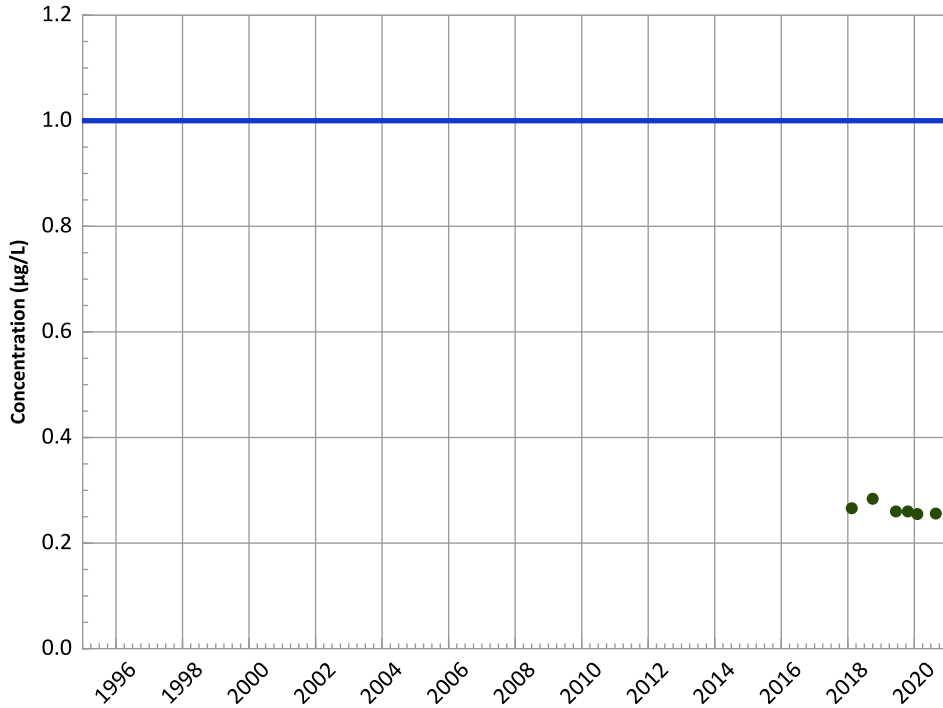
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

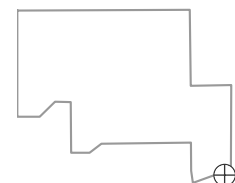
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

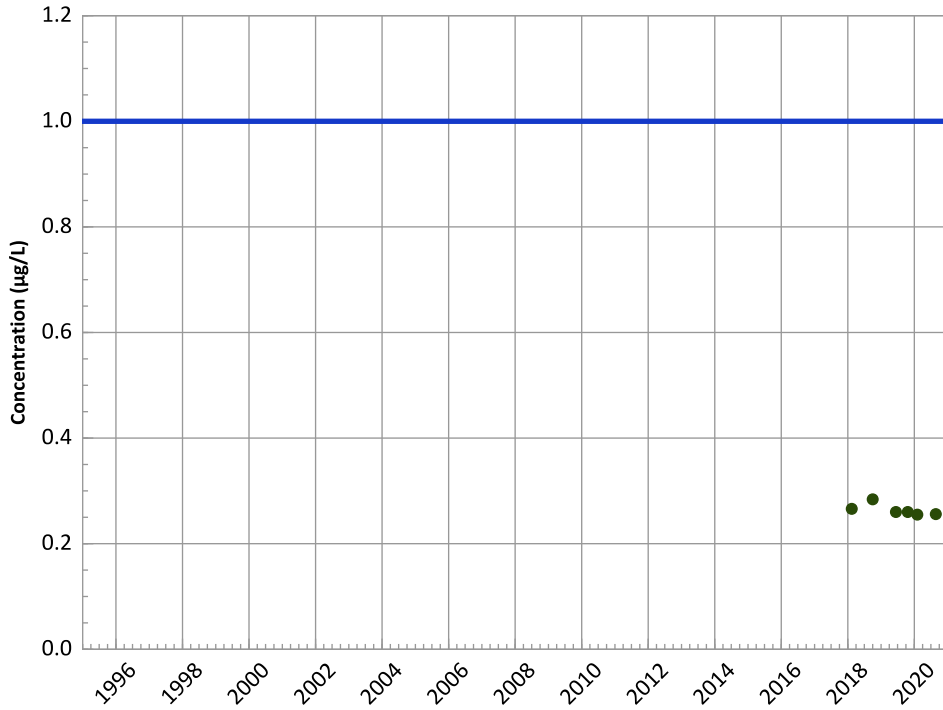


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

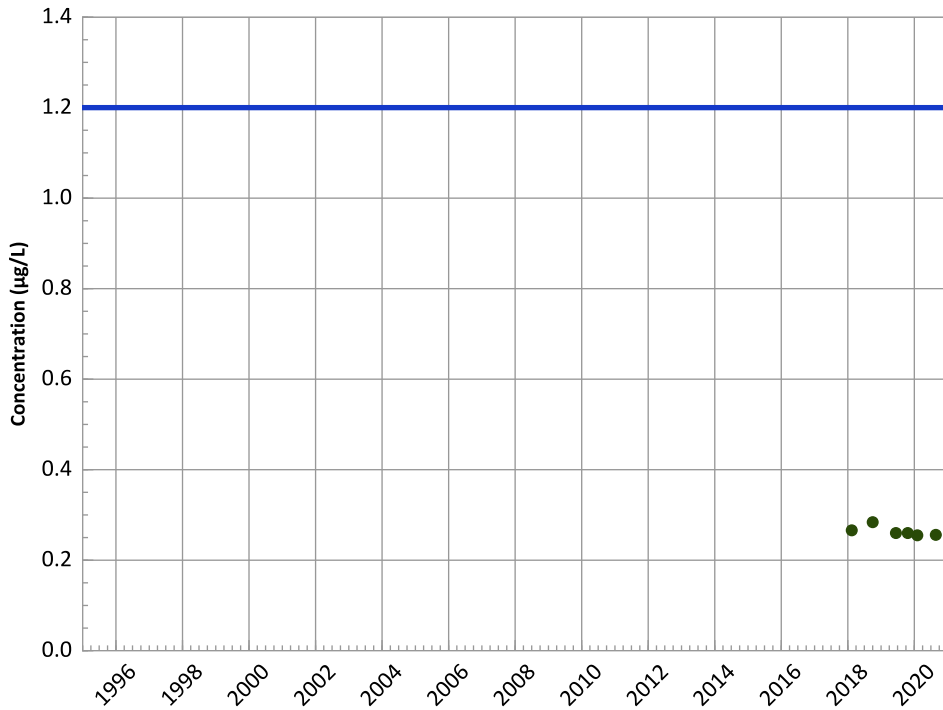
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

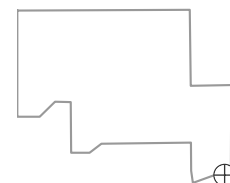
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

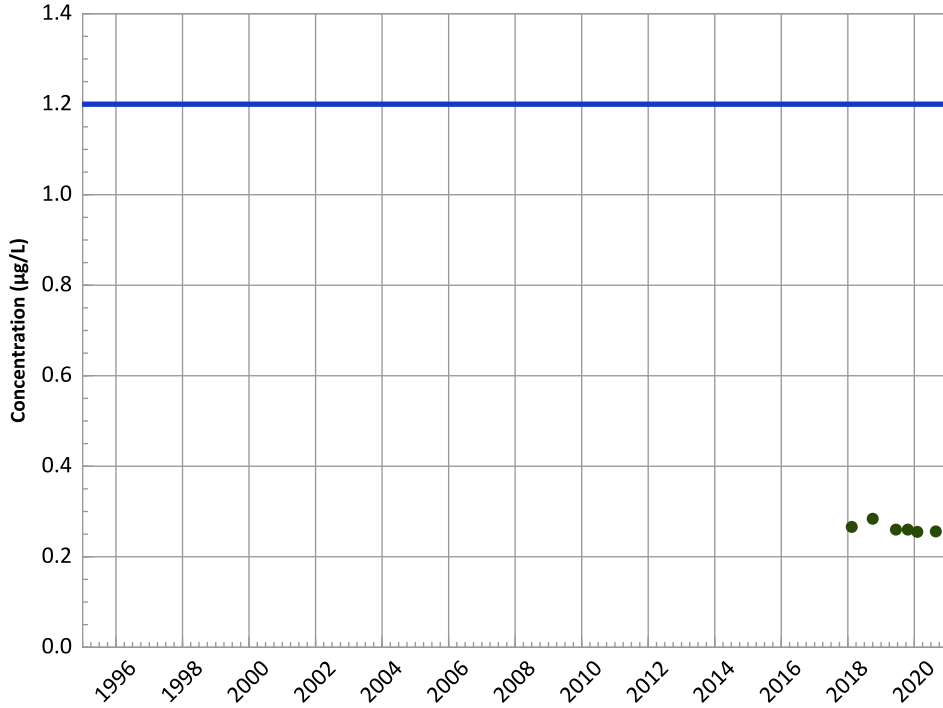


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

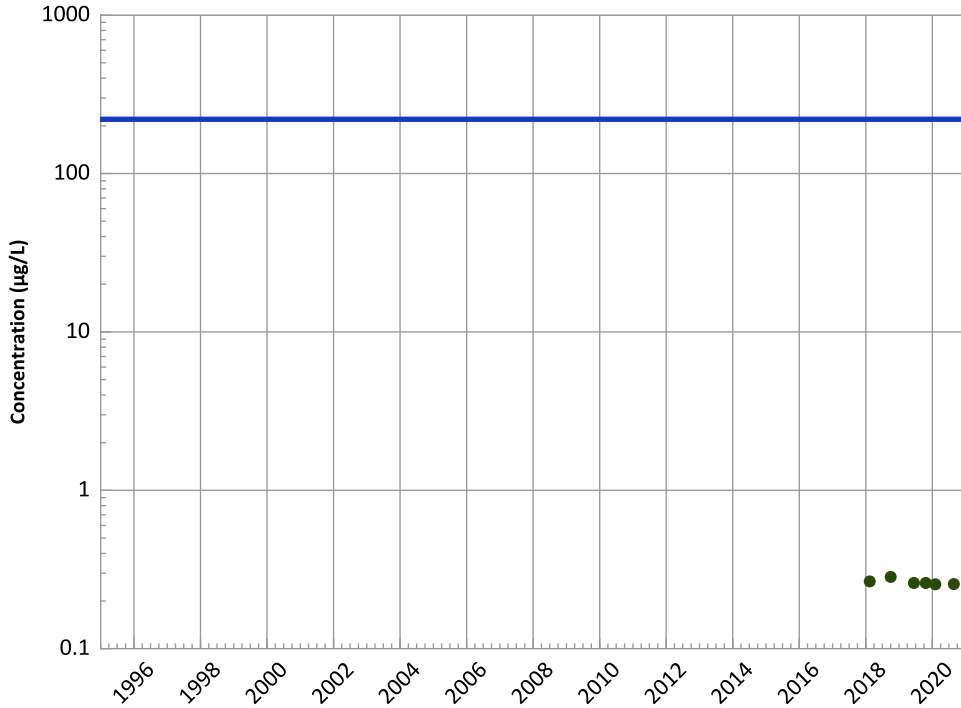
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

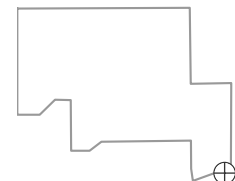
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

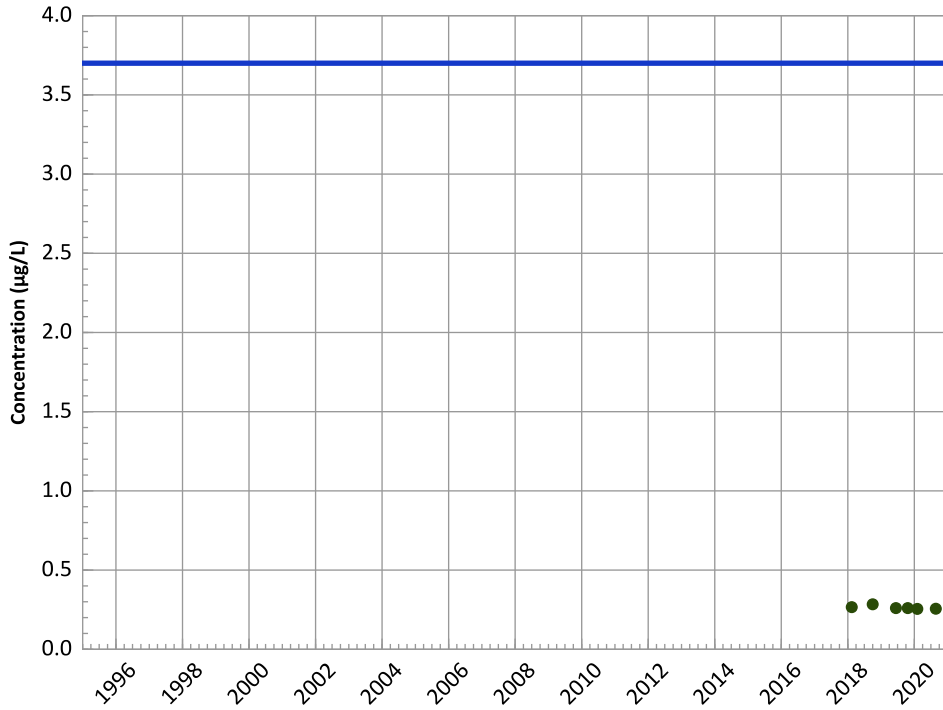
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

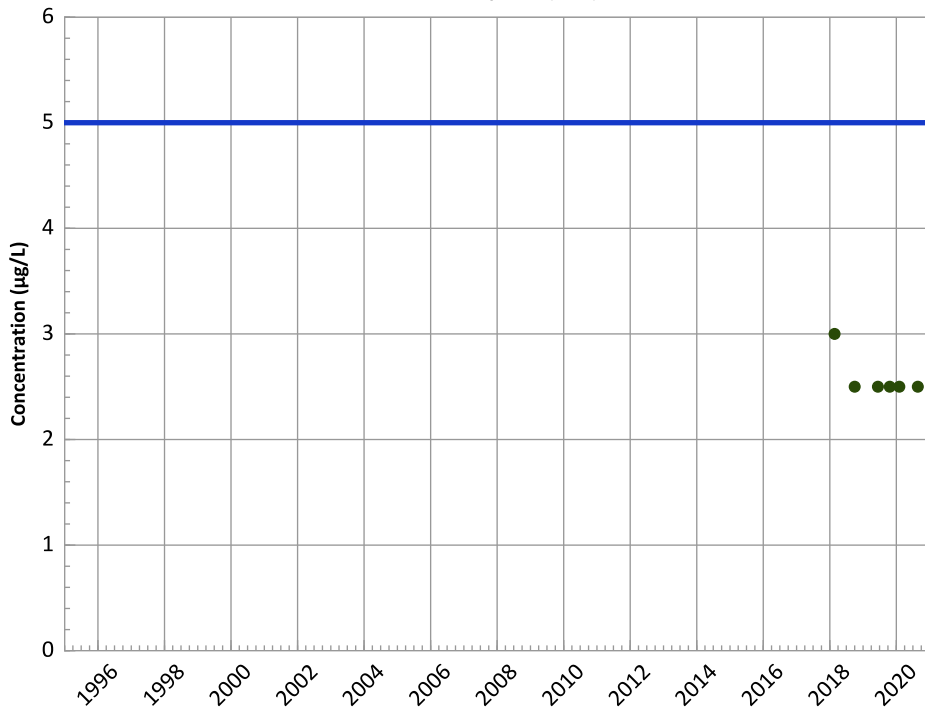
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

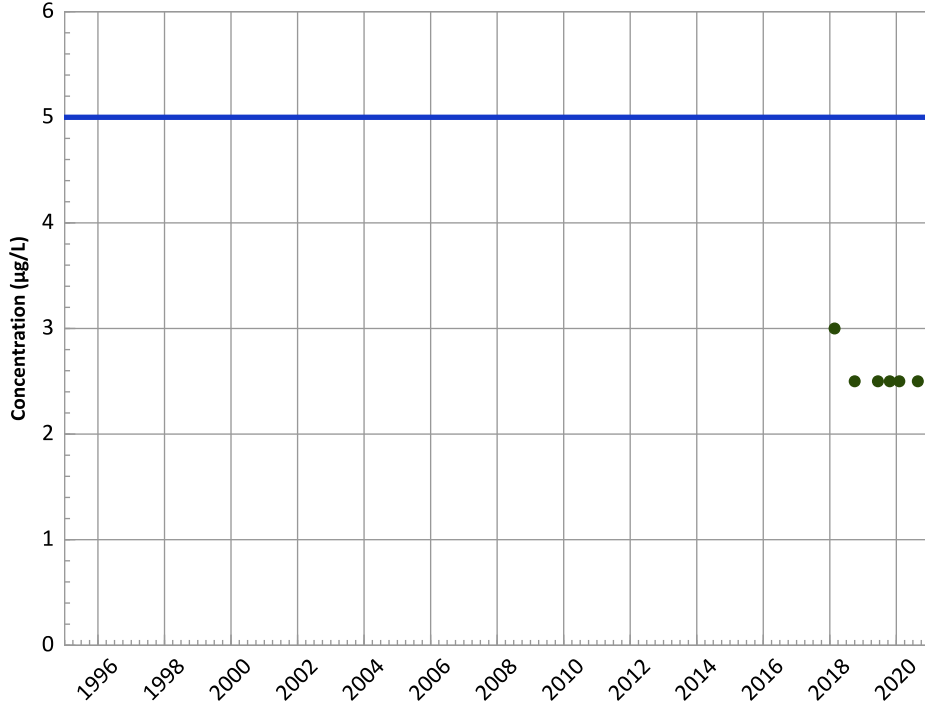


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

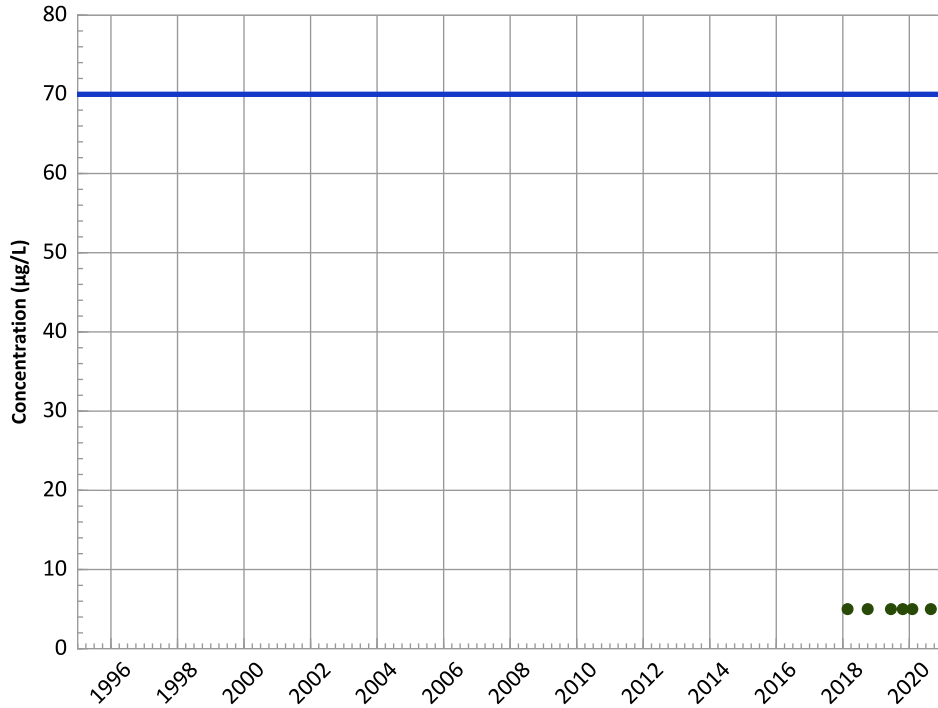
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

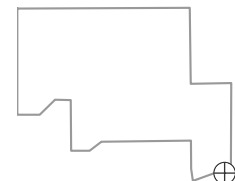
All Data:

All Non-Detect

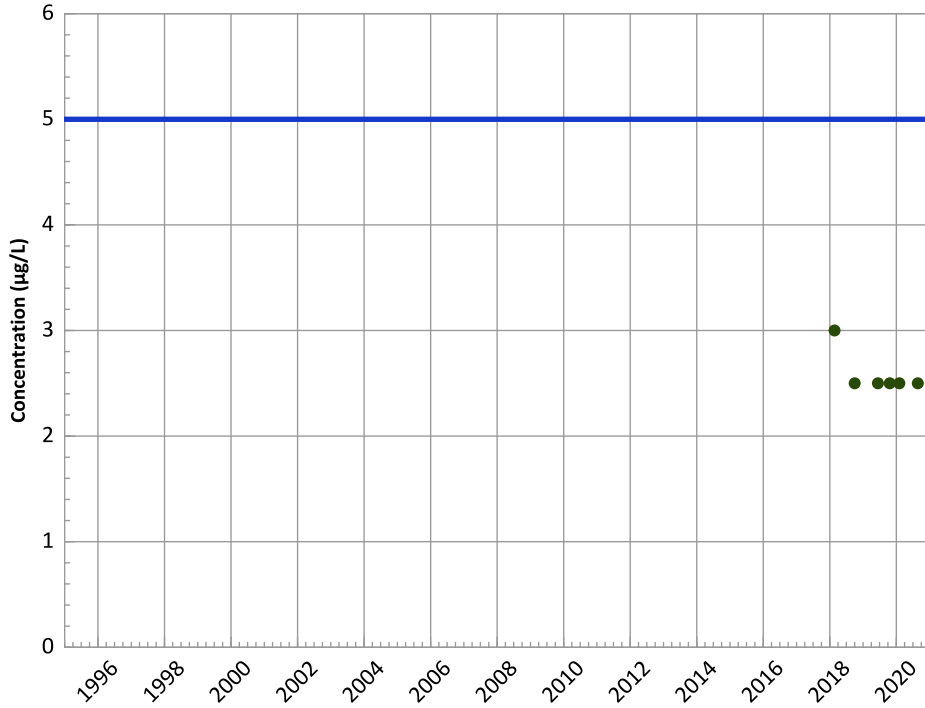
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

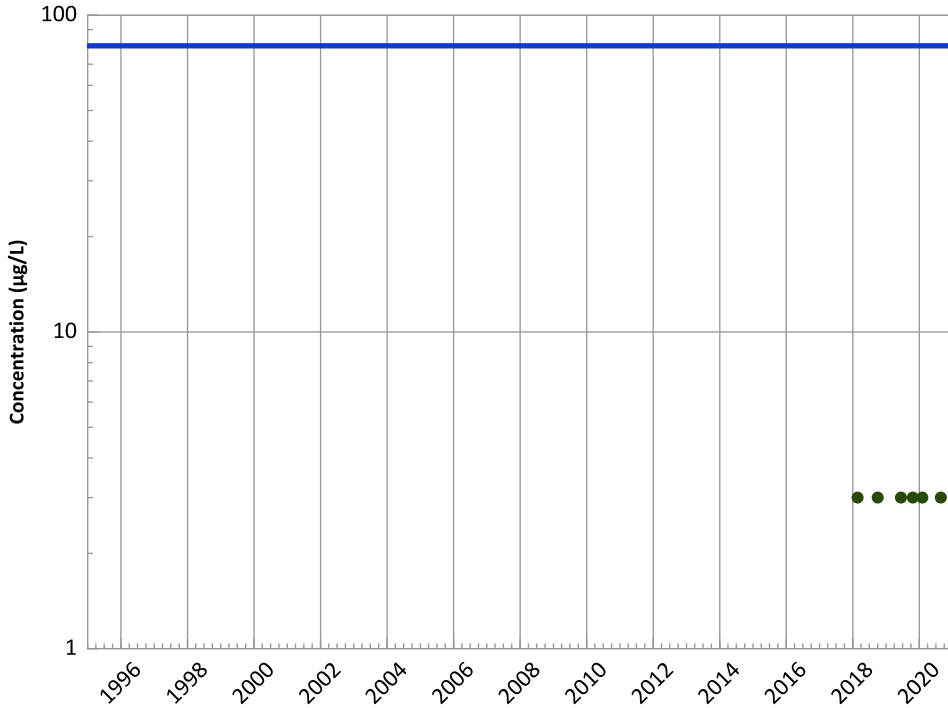
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

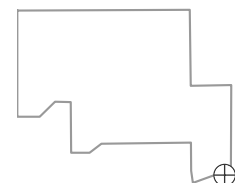
All Data:

All Non-Detect

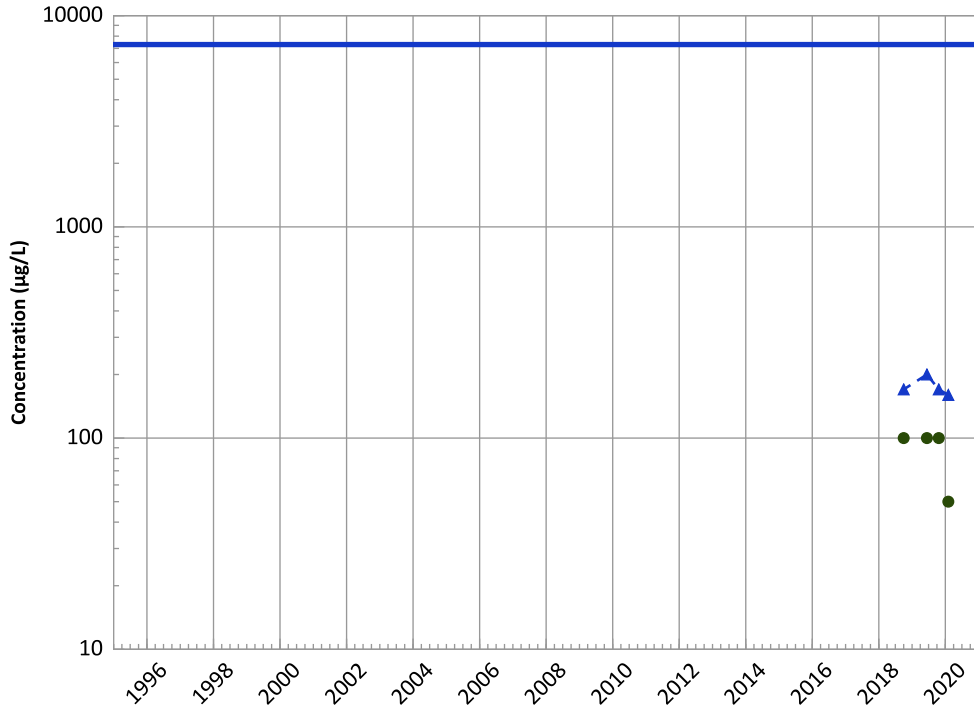
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

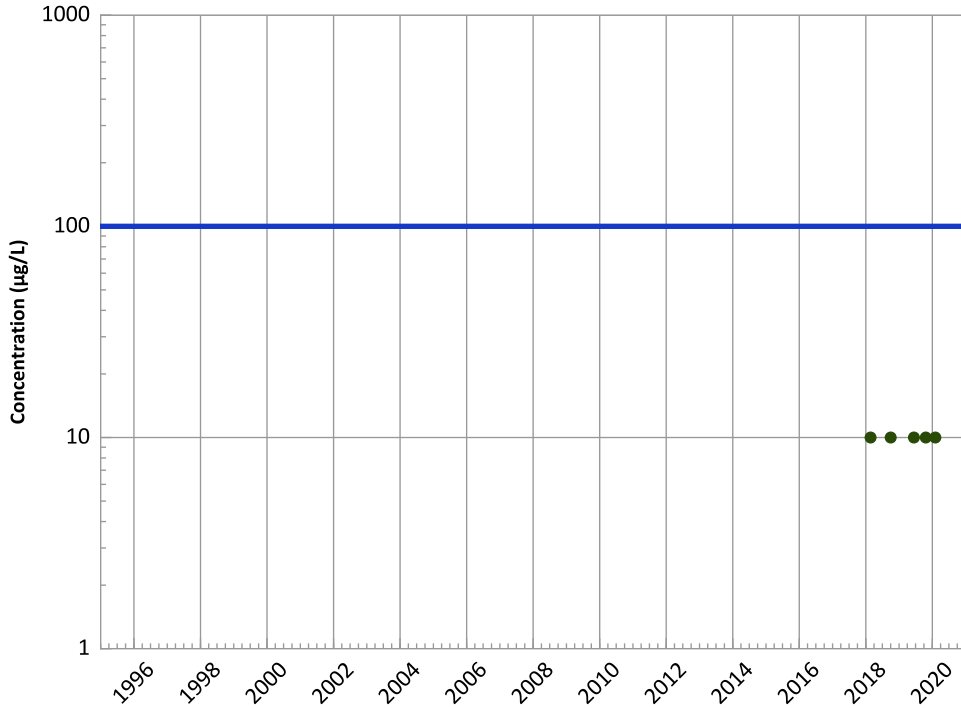


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: Decreasing
All Data: Decreasing

MAROS Linear Regression Method
2018 - 2020 Data: Stable
All Data: Stable

Chromium, Total Trend

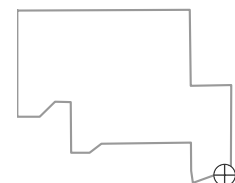


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: All Non-Detect
All Data: All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data: All Non-Detect
All Data: All Non-Detect

Well Location

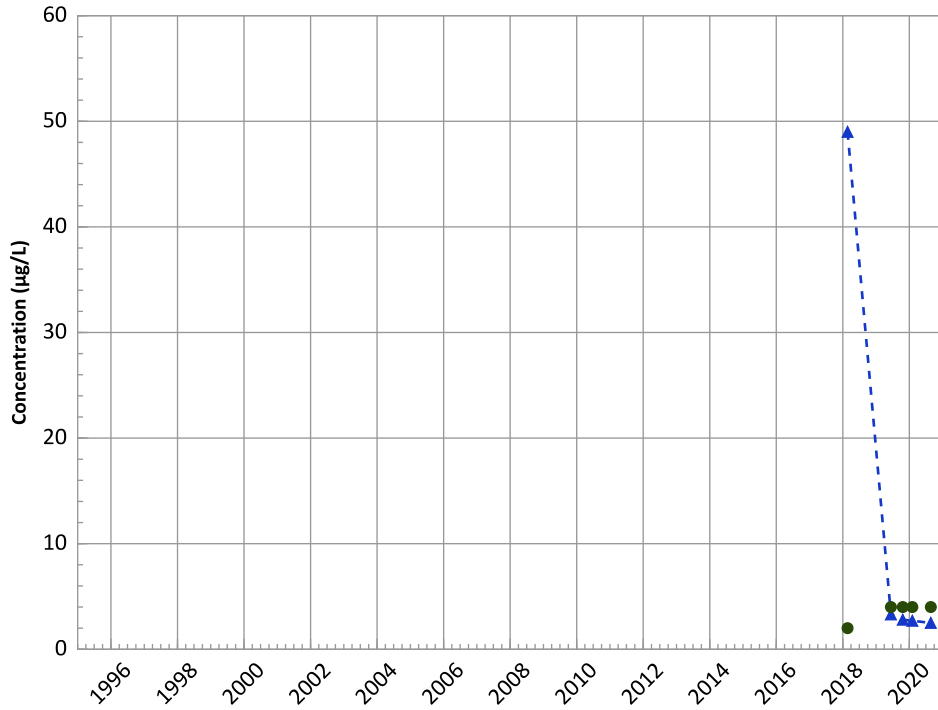


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

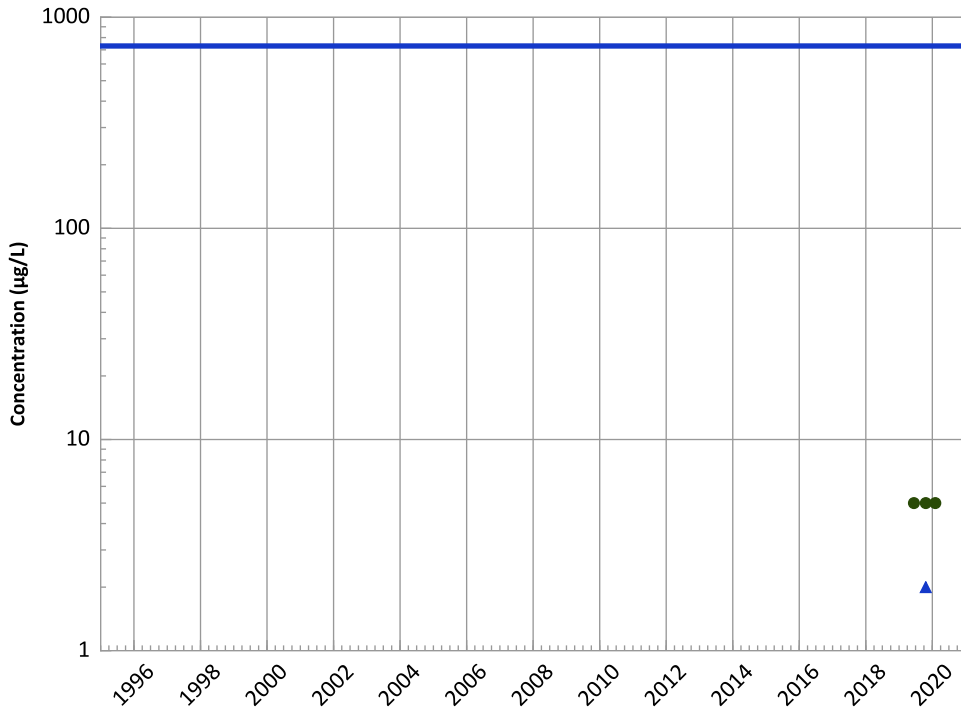
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

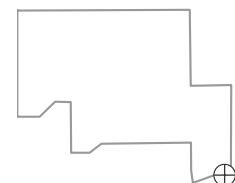
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

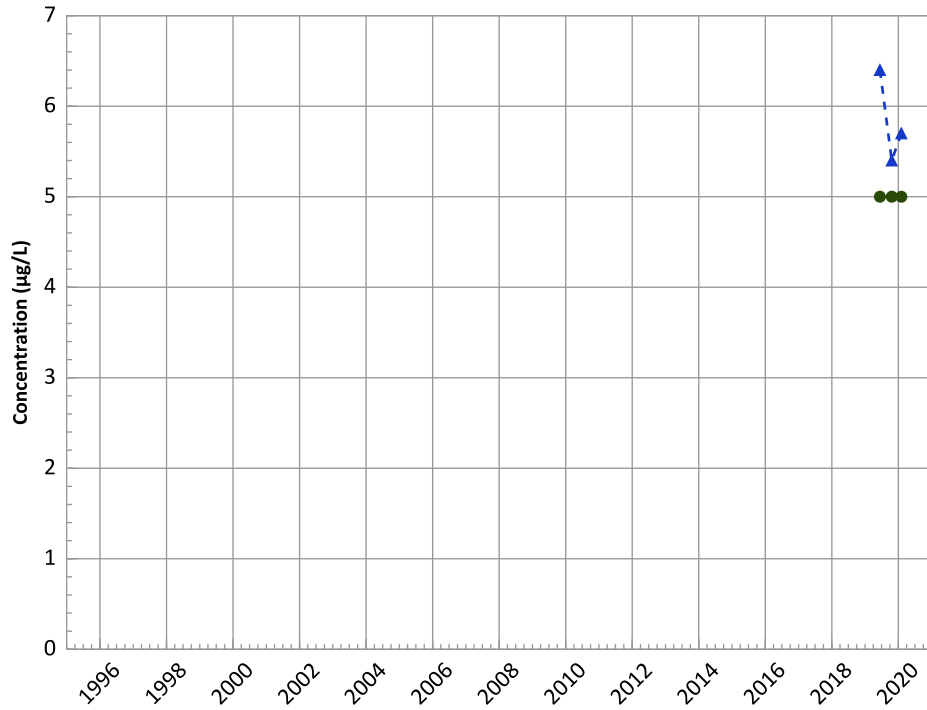
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

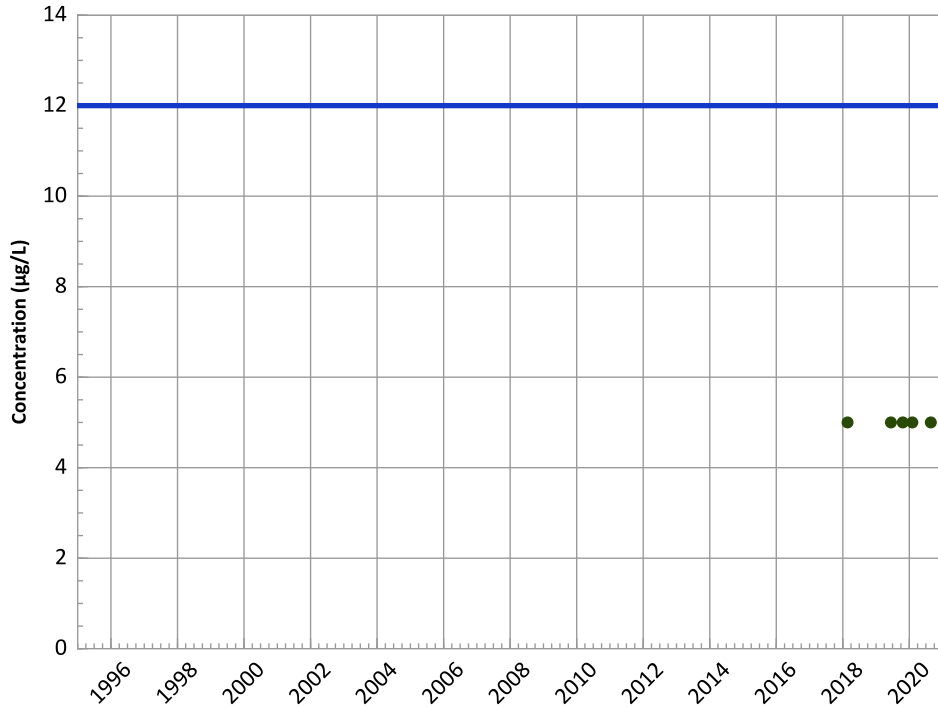
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

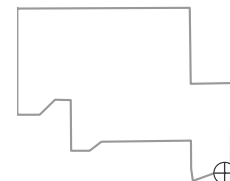
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

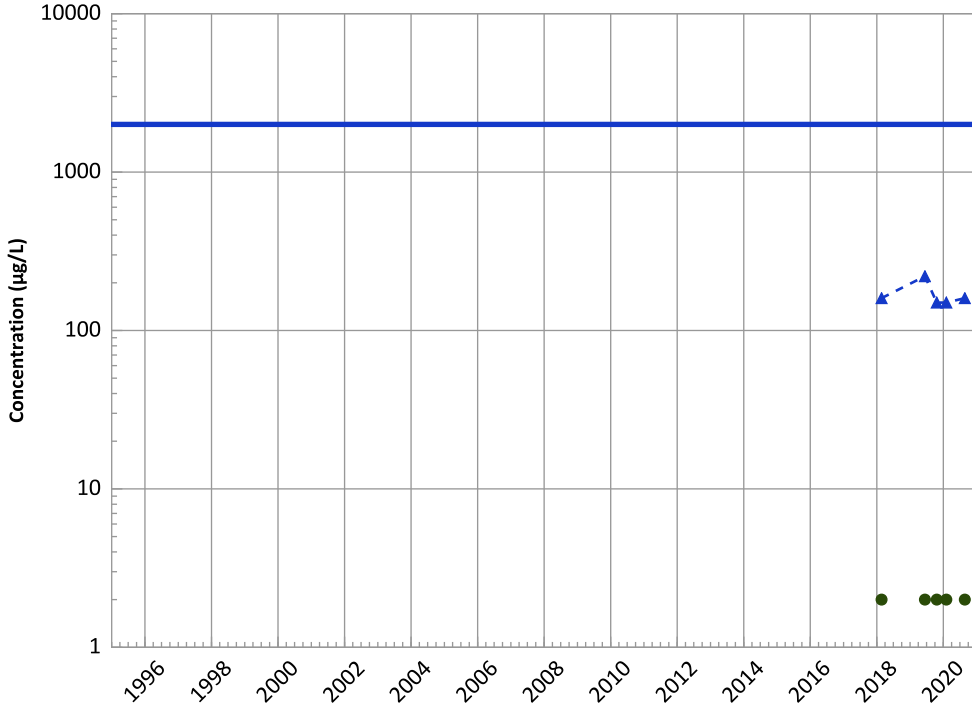


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

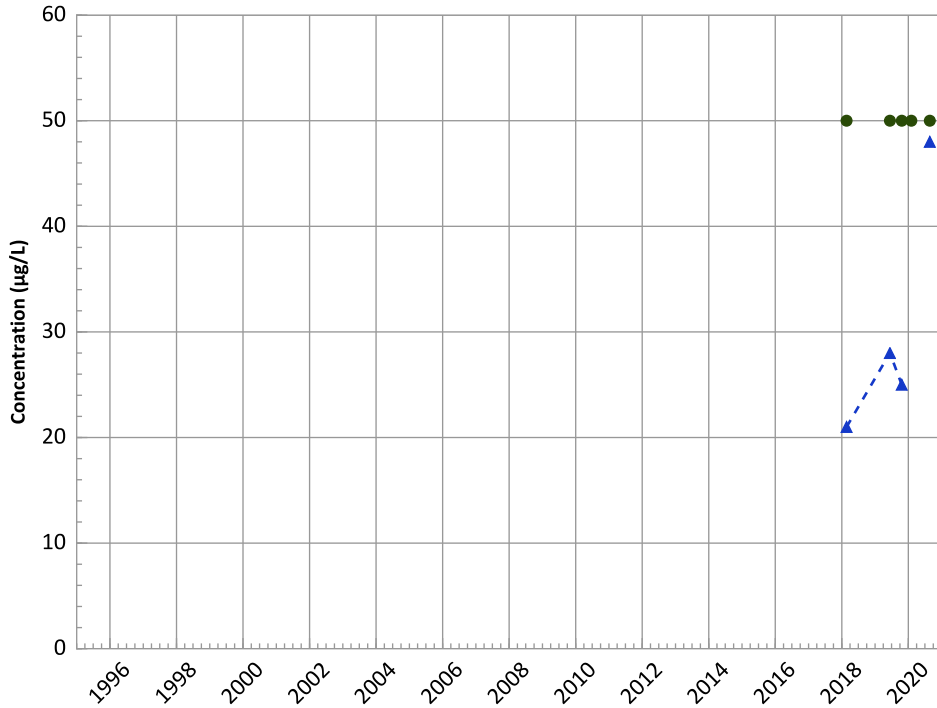
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

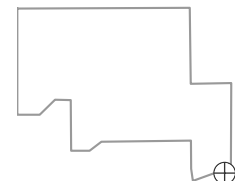
2018 - 2020 Data:

Probably Increasing

All Data:

Probably Increasing

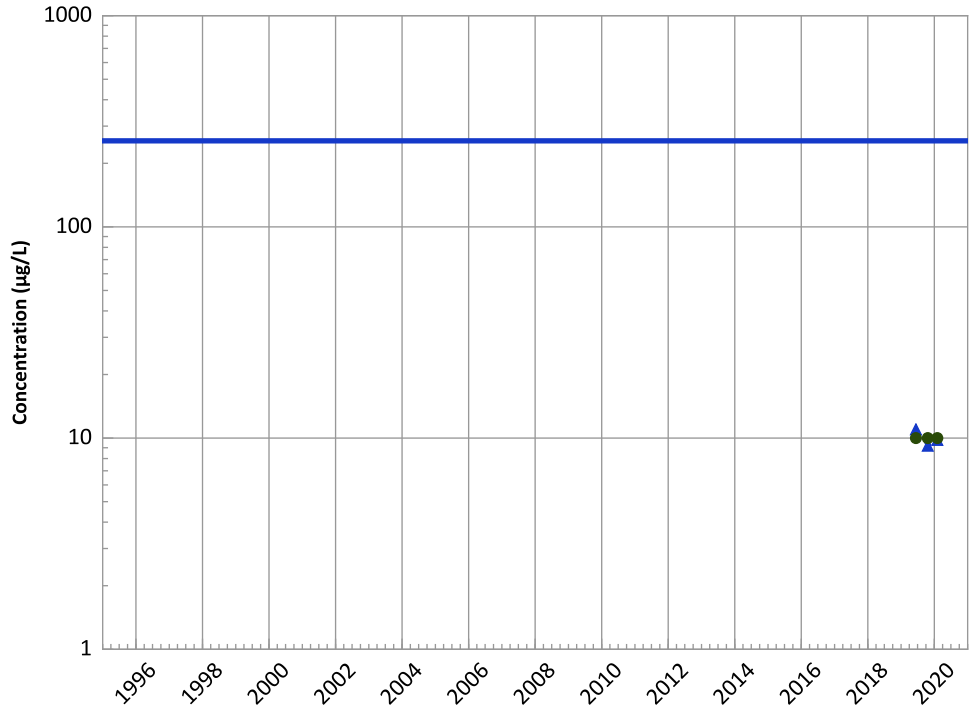
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

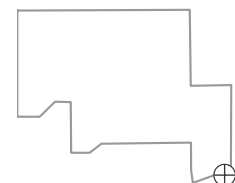
All Data:

N/A (<4 Detections in Dataset)

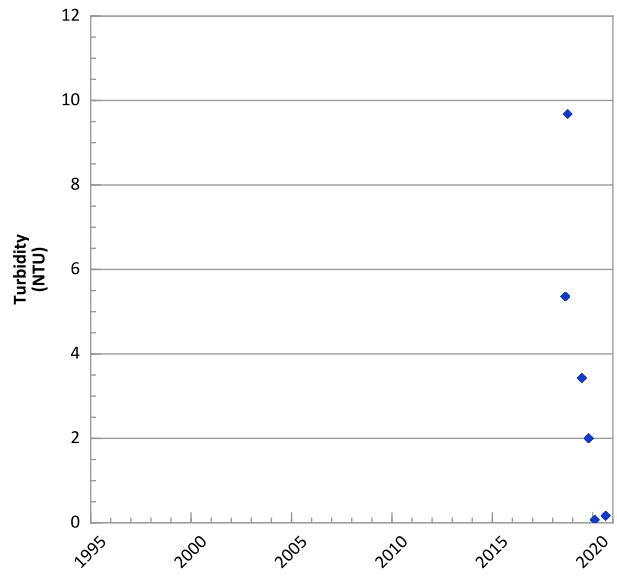
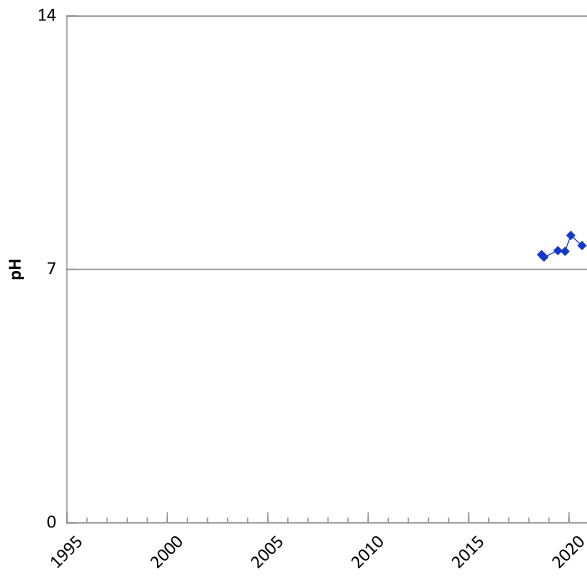
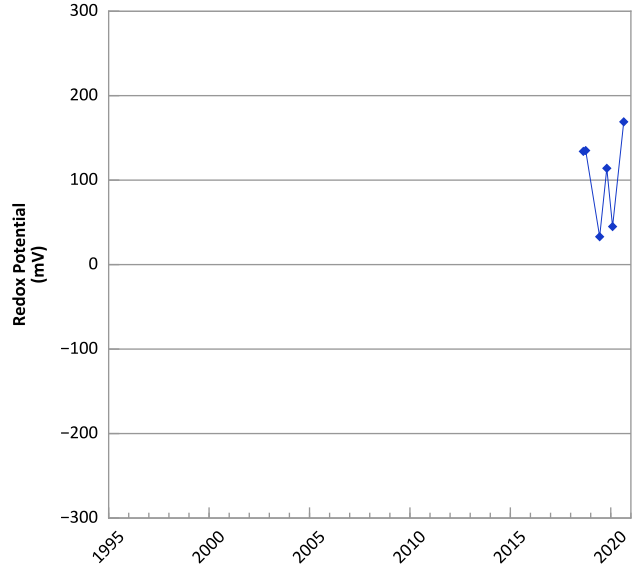
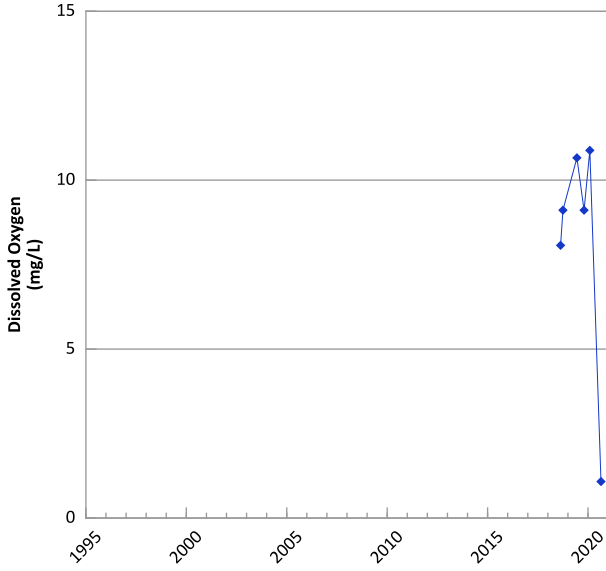
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



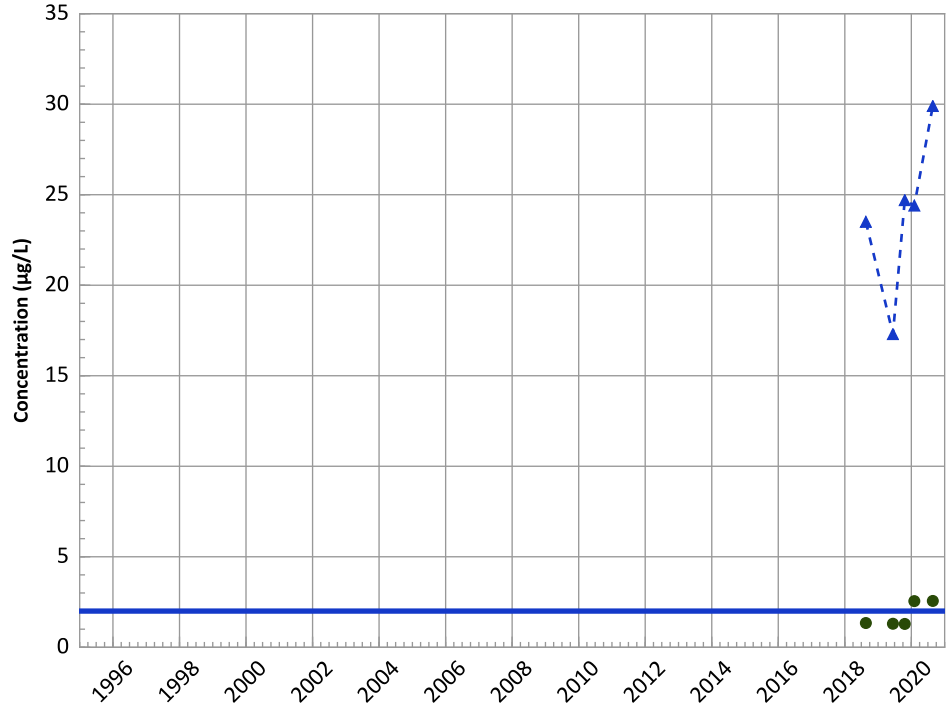
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/20/2018 to 08/24/2020
 Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

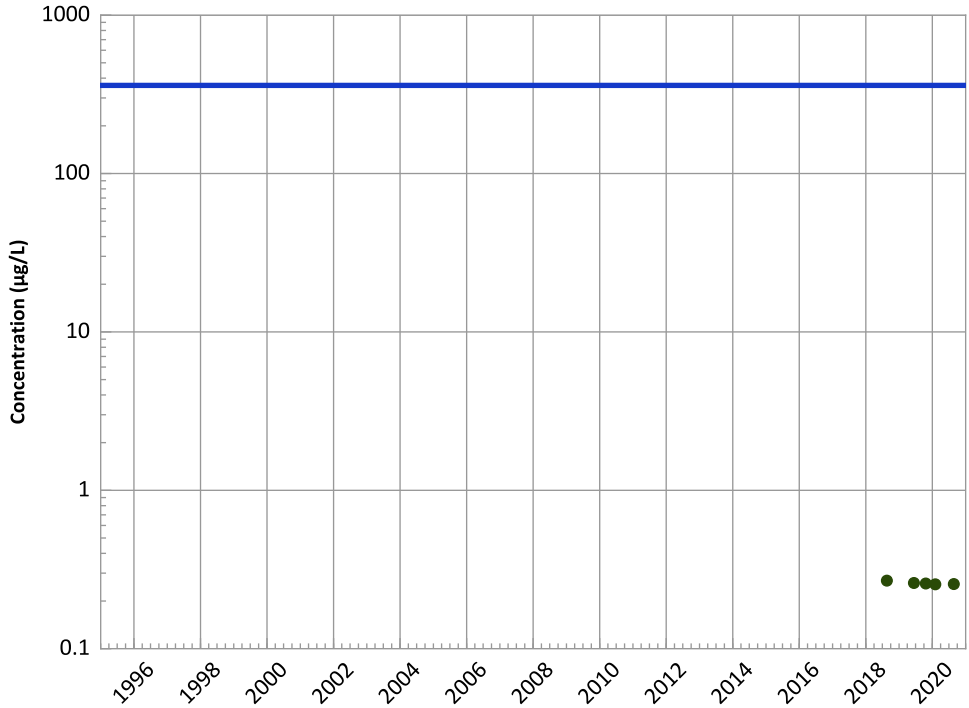
2018 - 2020 Data:

Increasing

All Data:

No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

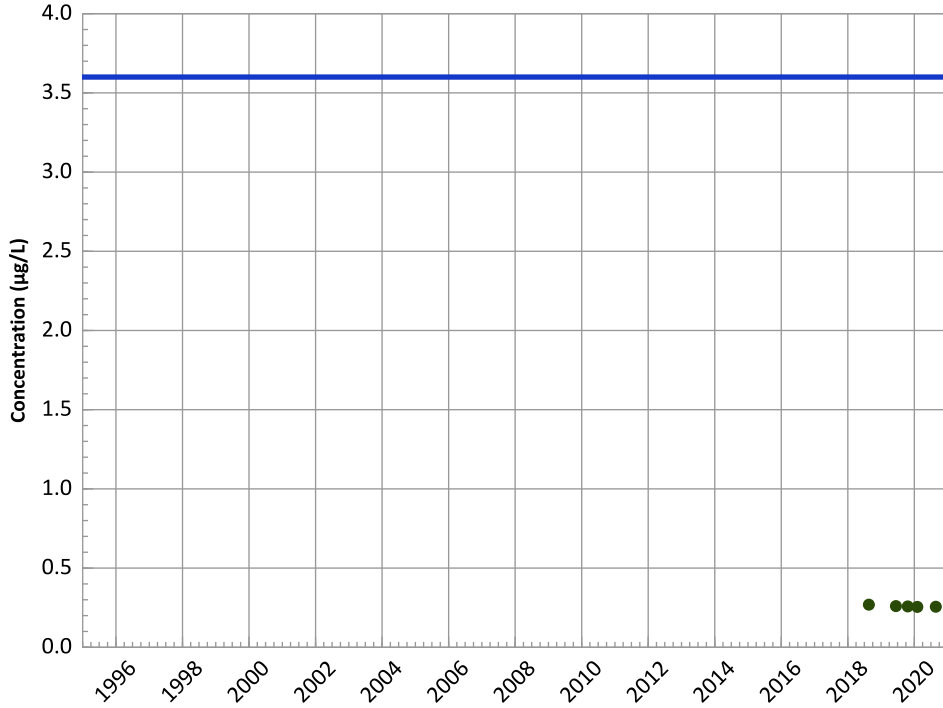
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

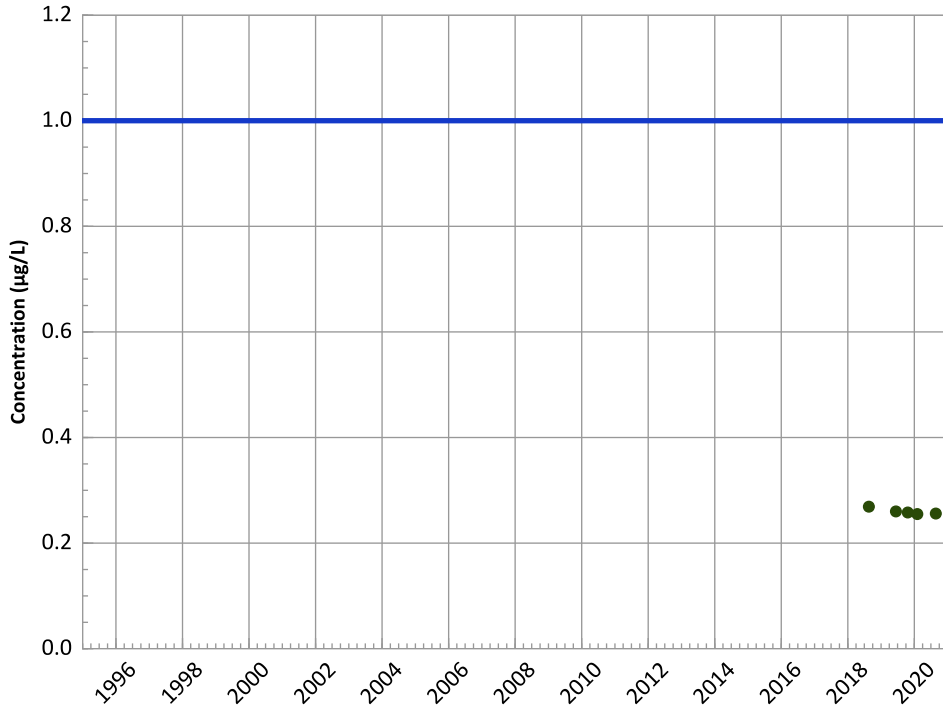
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

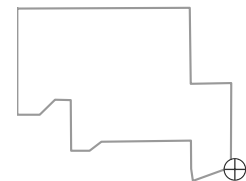
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

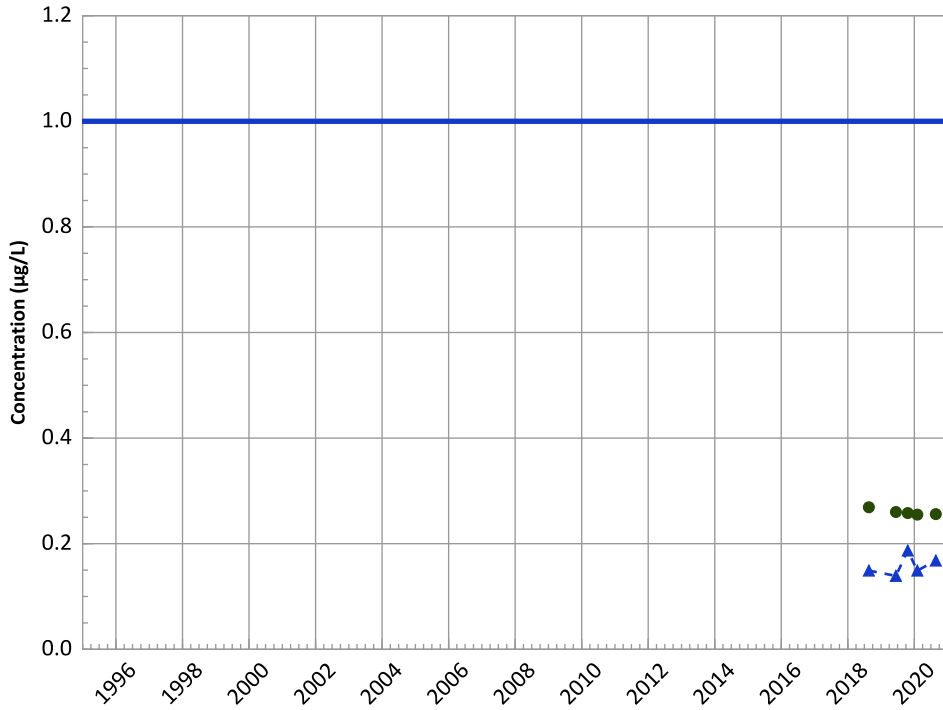


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

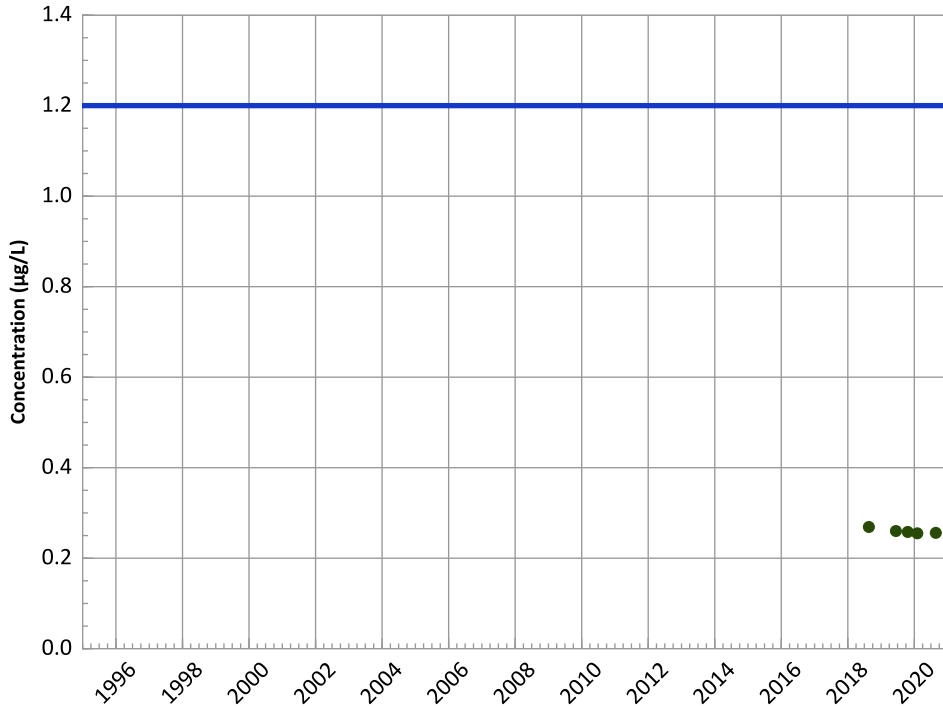
2018 - 2020 Data:

No Trend

All Data:

No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

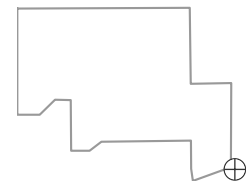
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

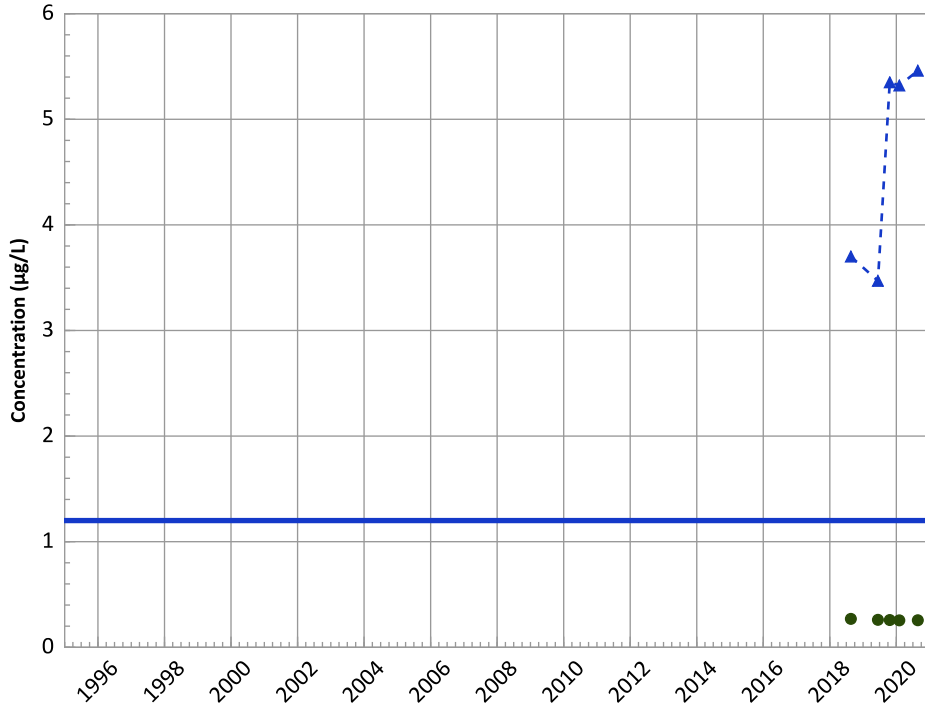
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

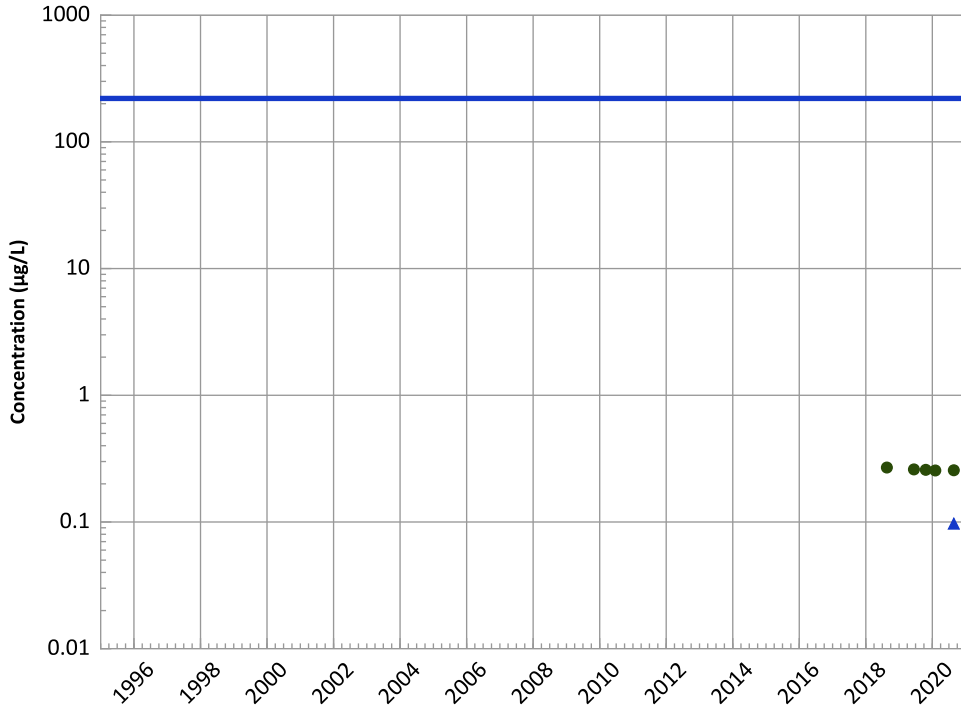
2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

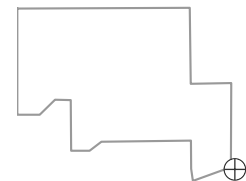
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

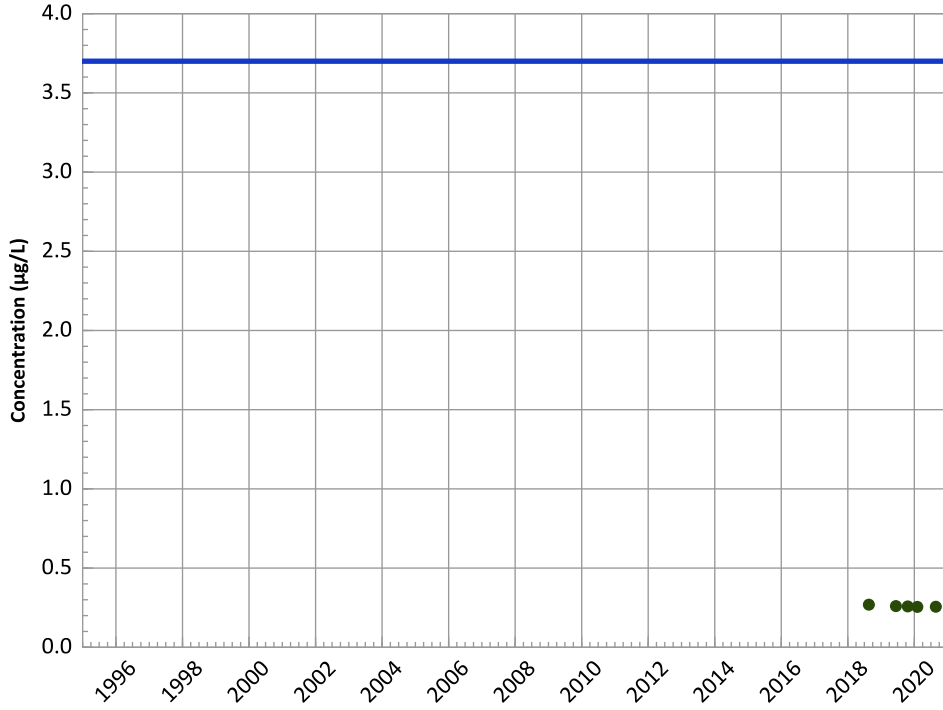


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

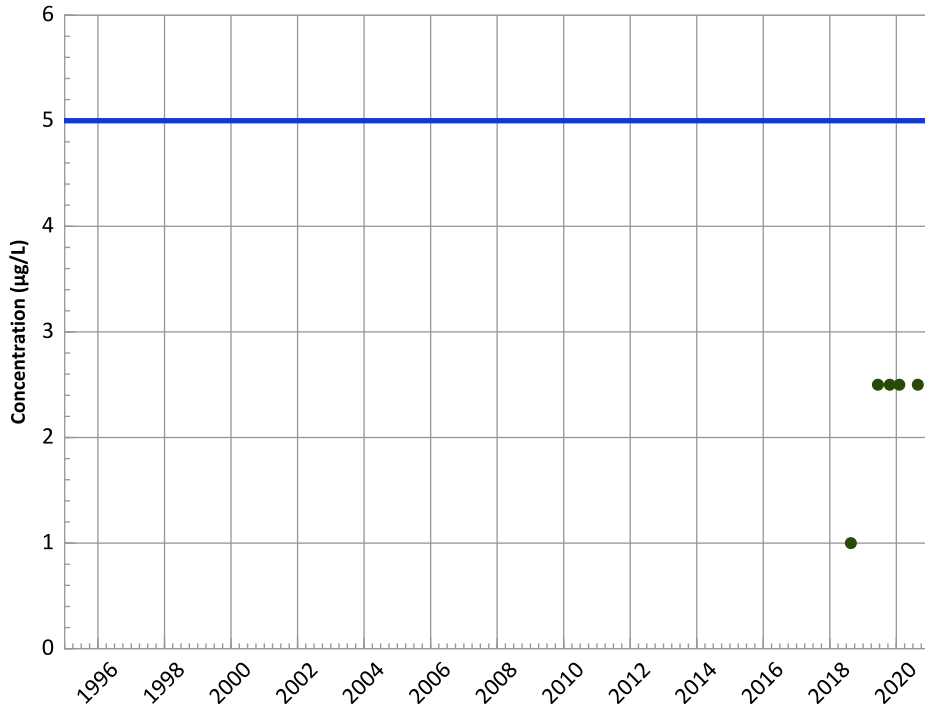
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

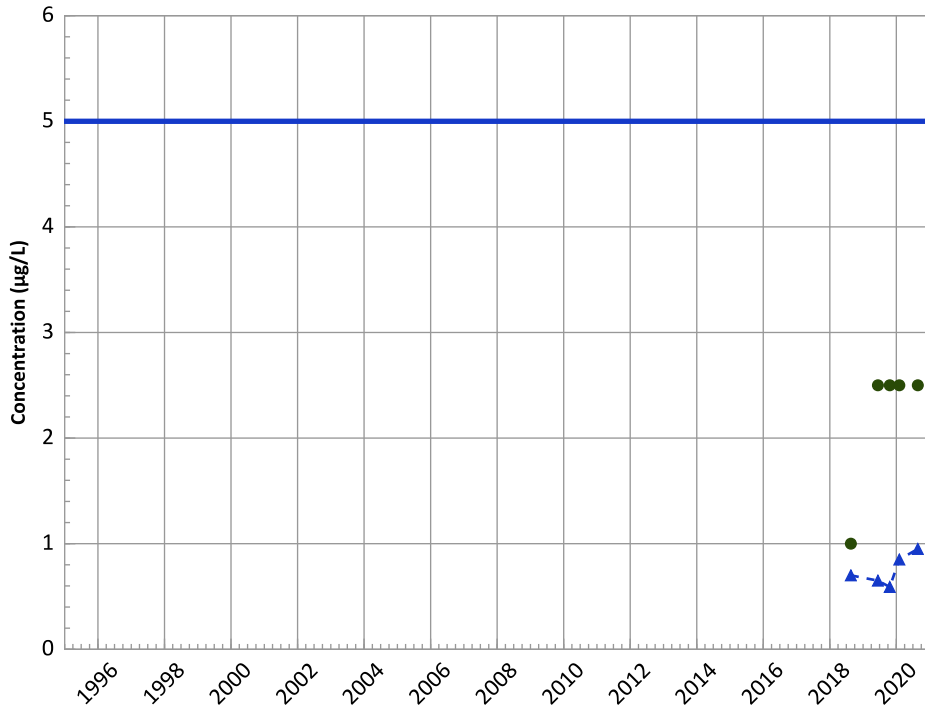


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

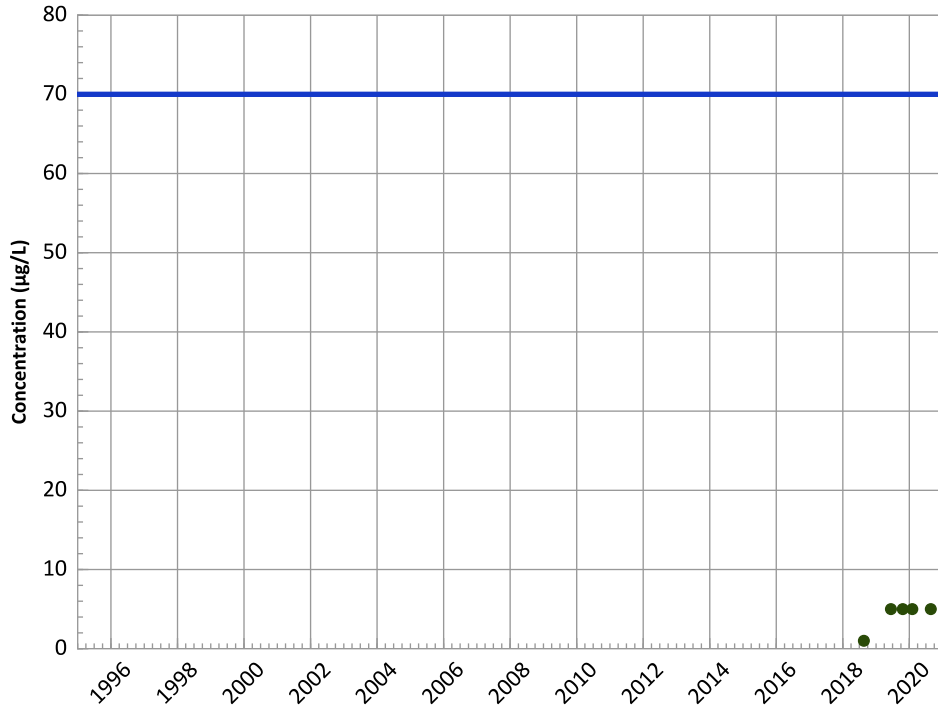
2018 - 2020 Data:

No Trend

All Data:

No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

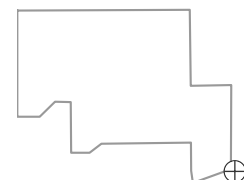
All Data:

All Non-Detect

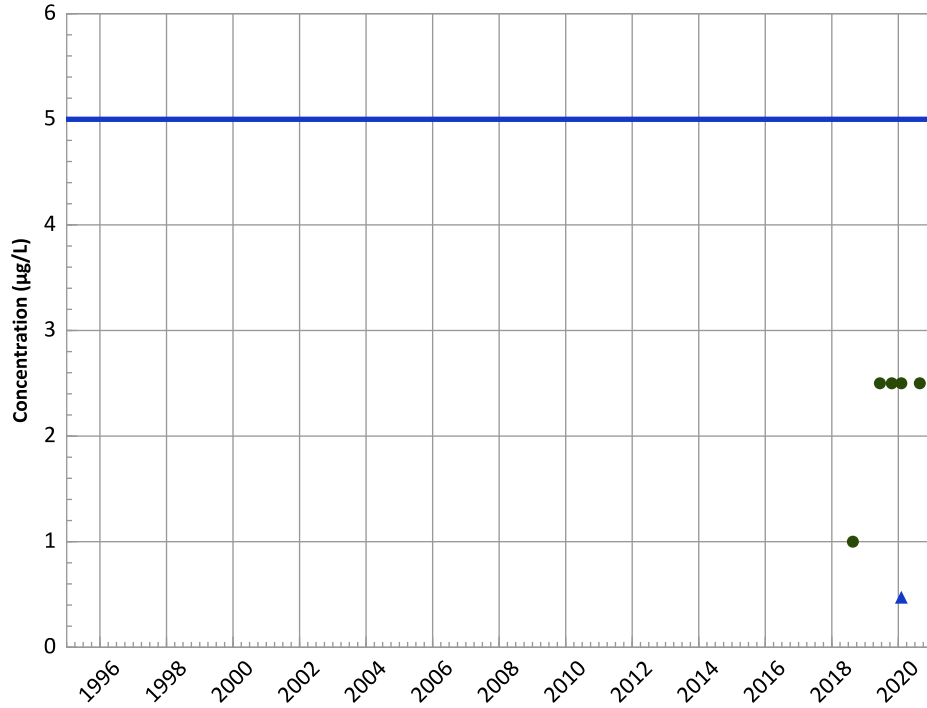
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ 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**

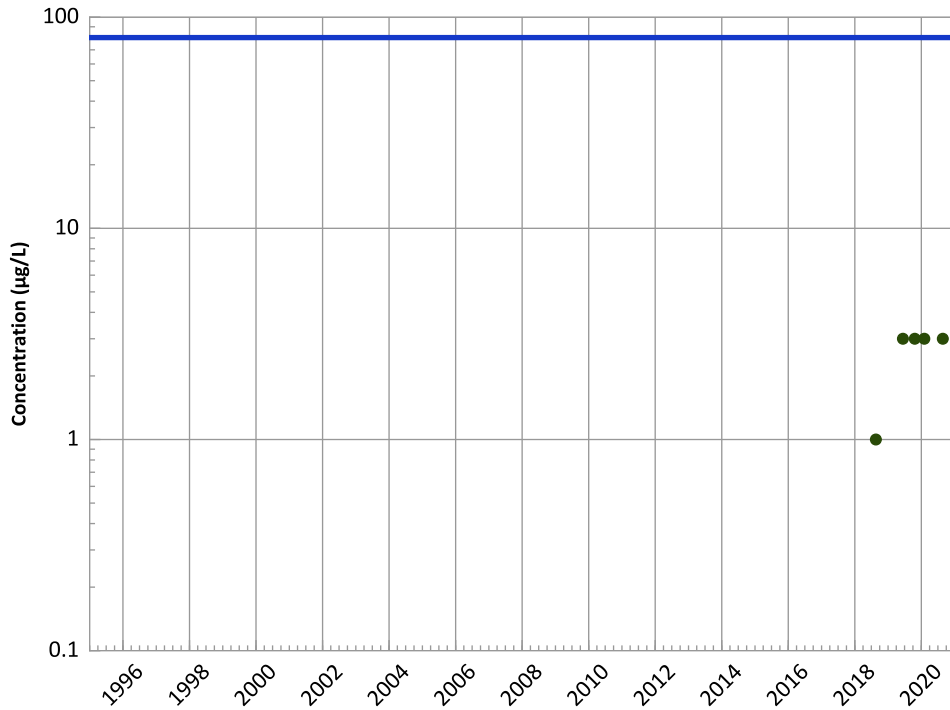


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

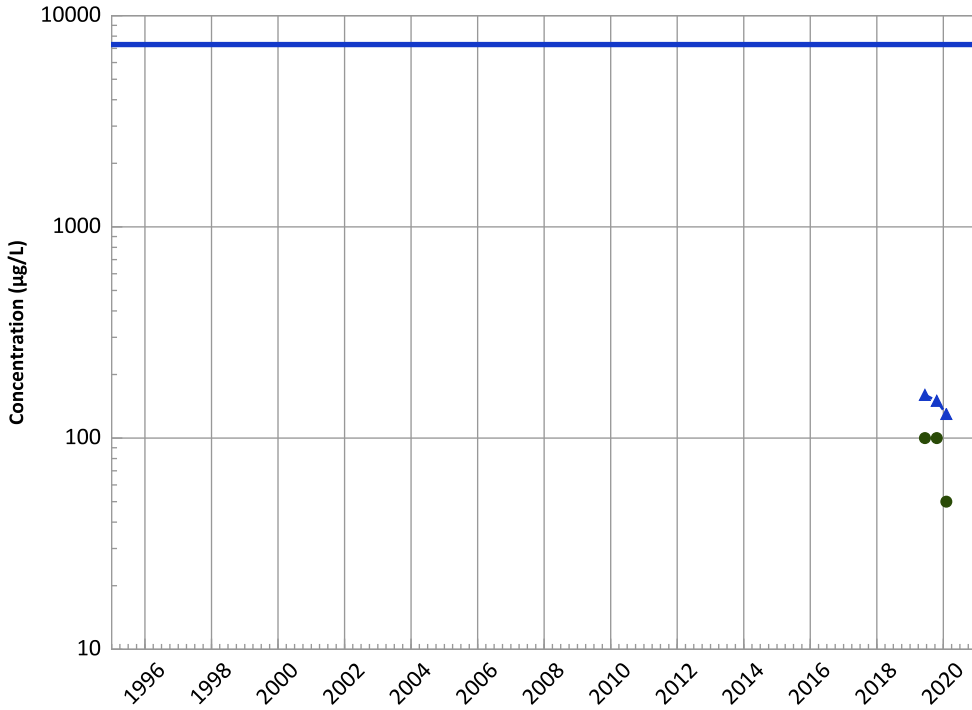
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

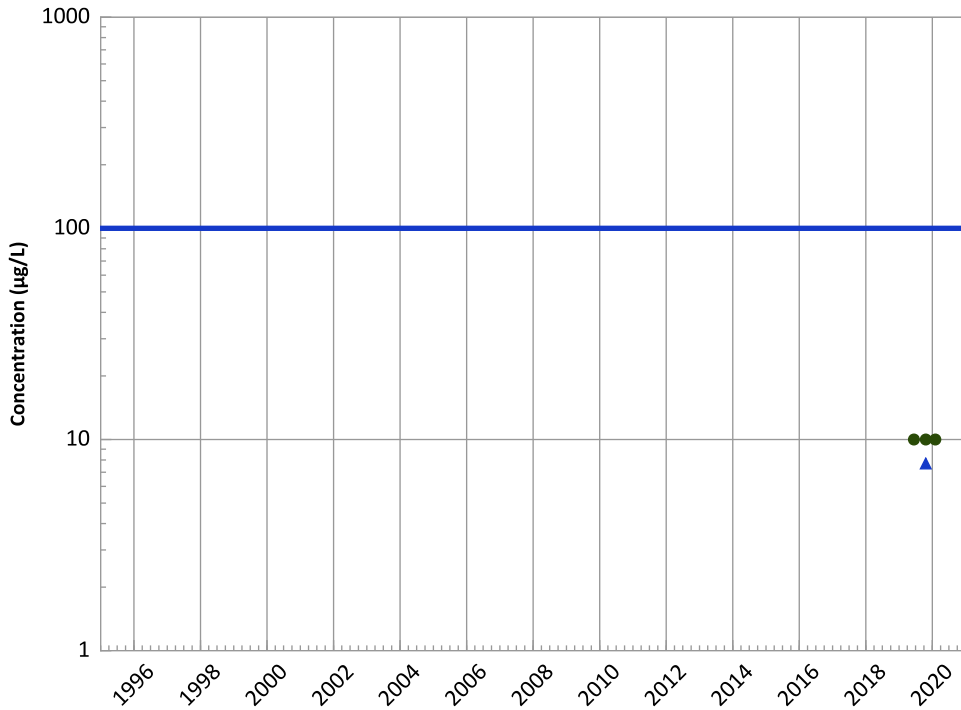


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend

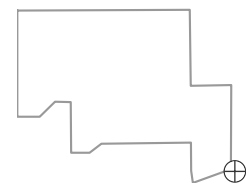


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

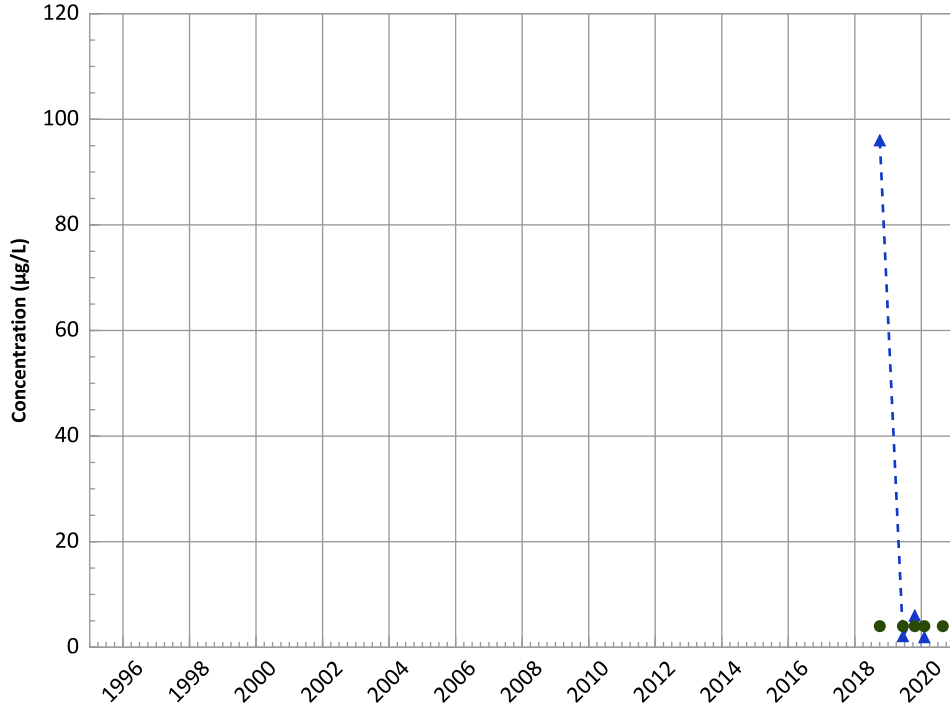


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

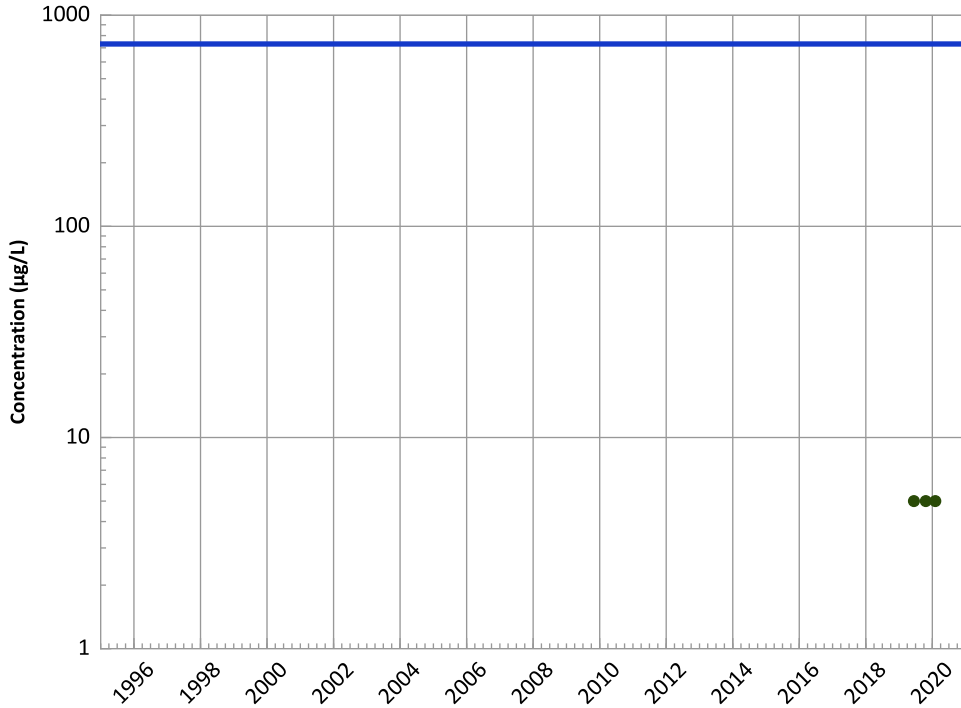


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

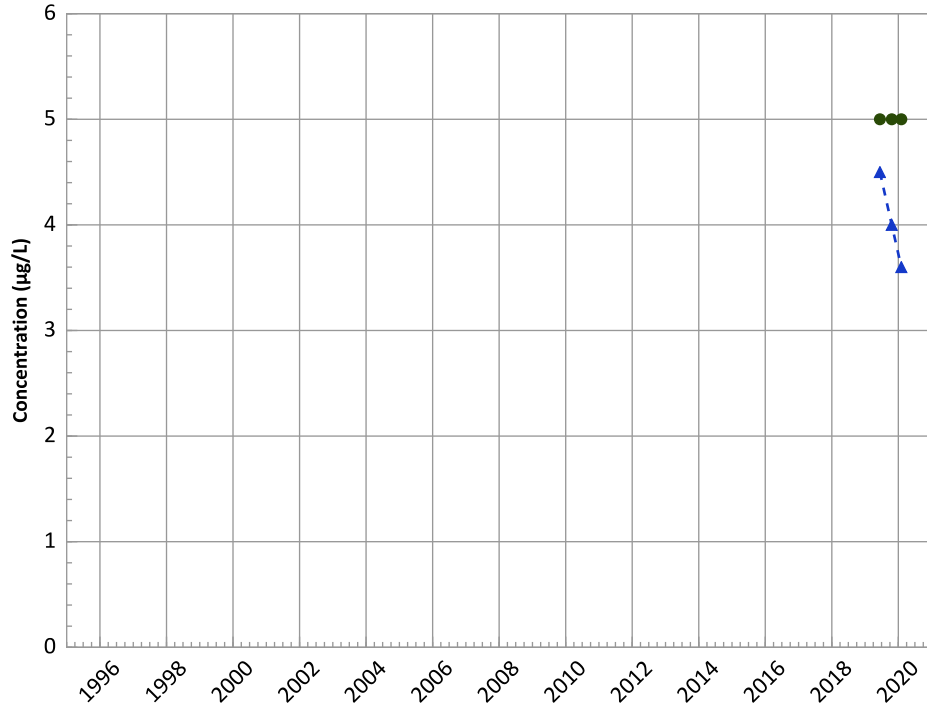
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

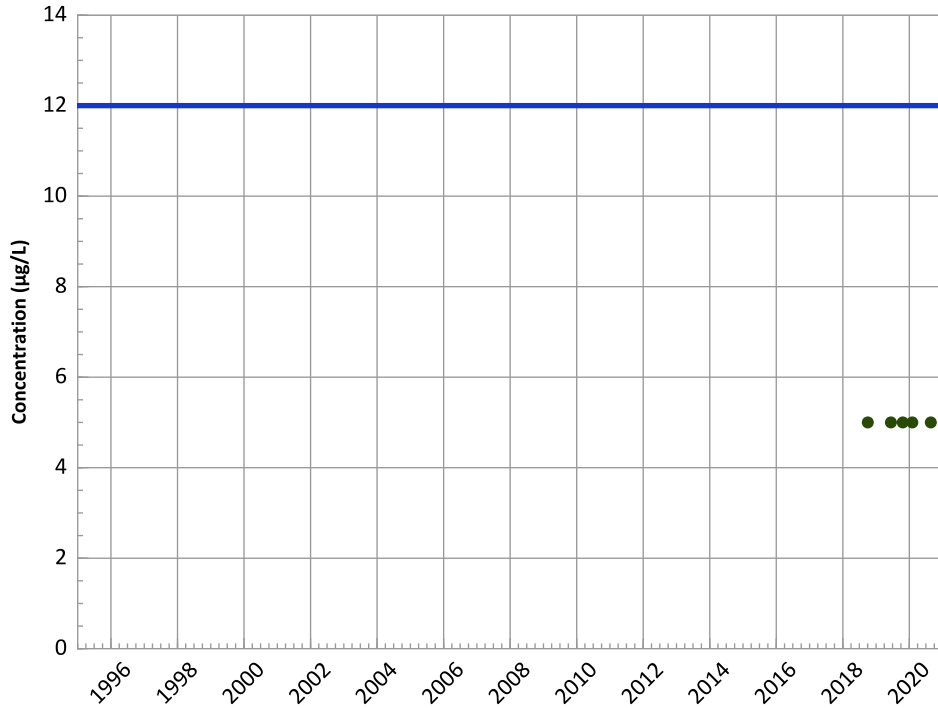


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

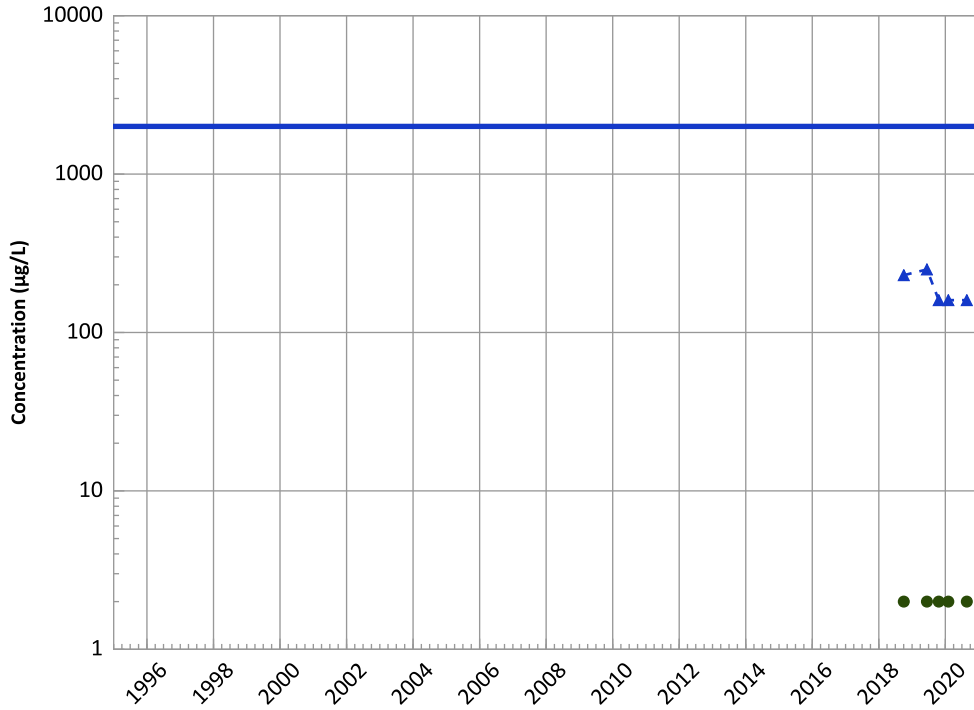


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

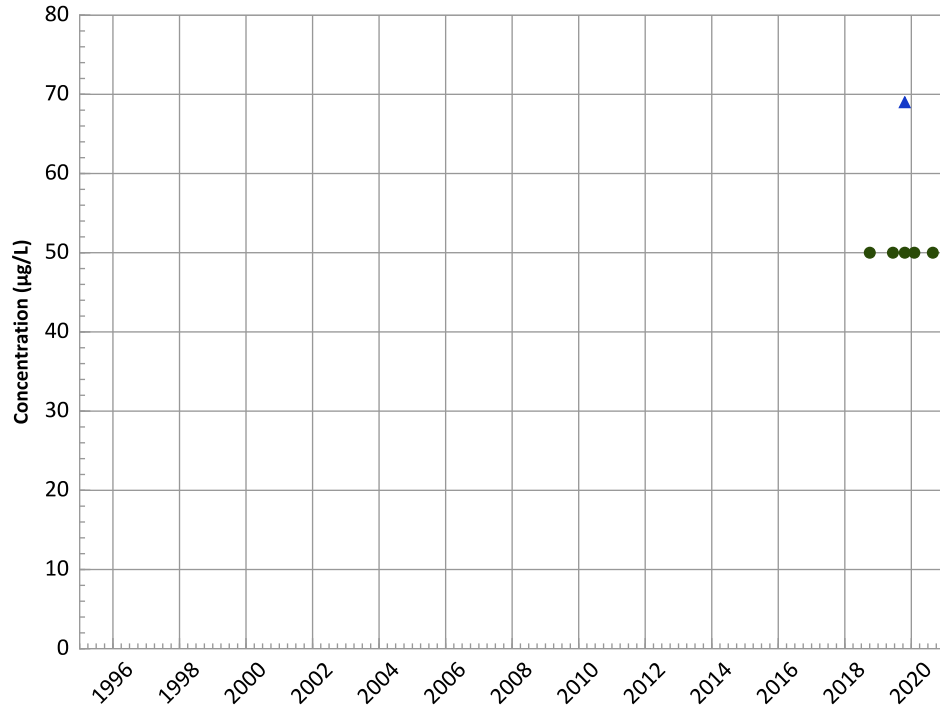


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Decreasing

Iron Trend

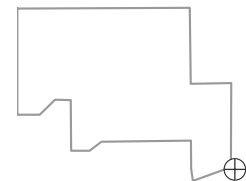


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

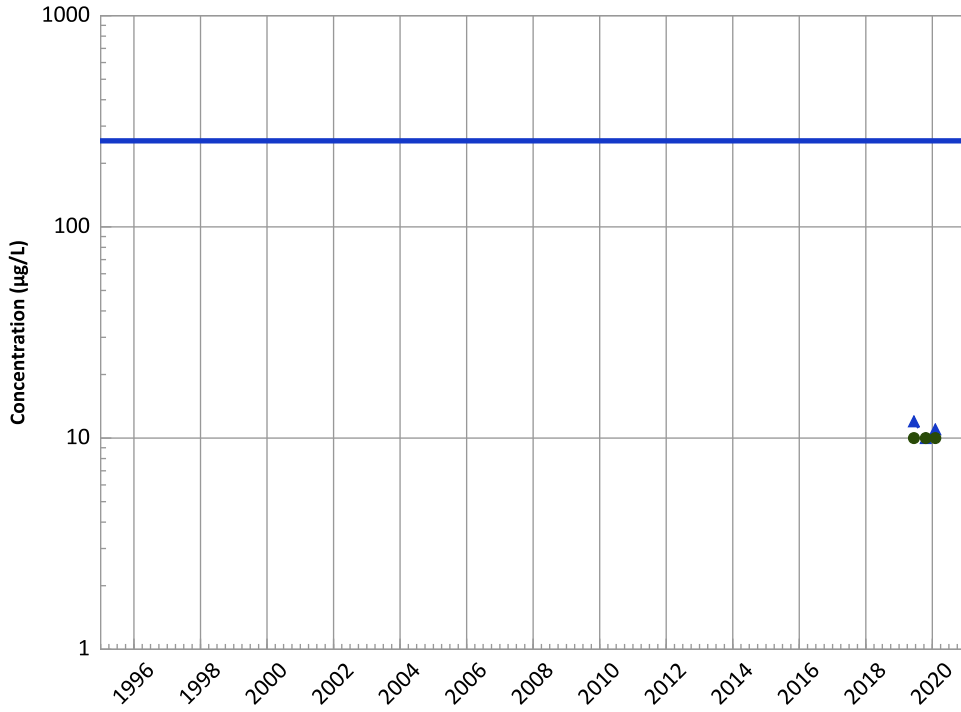
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

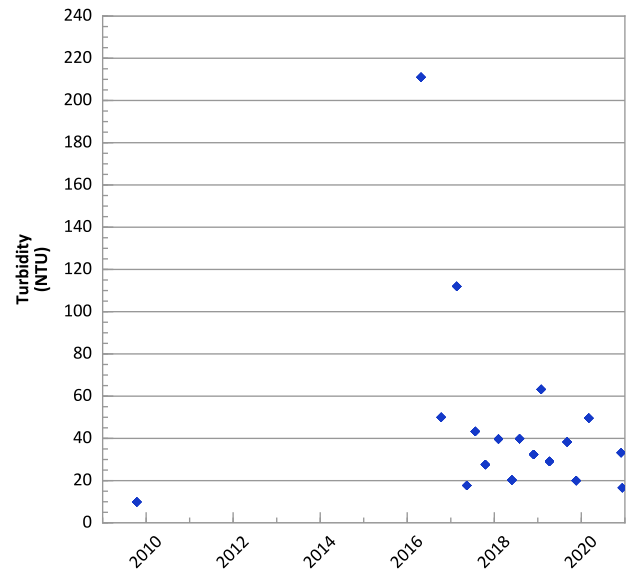
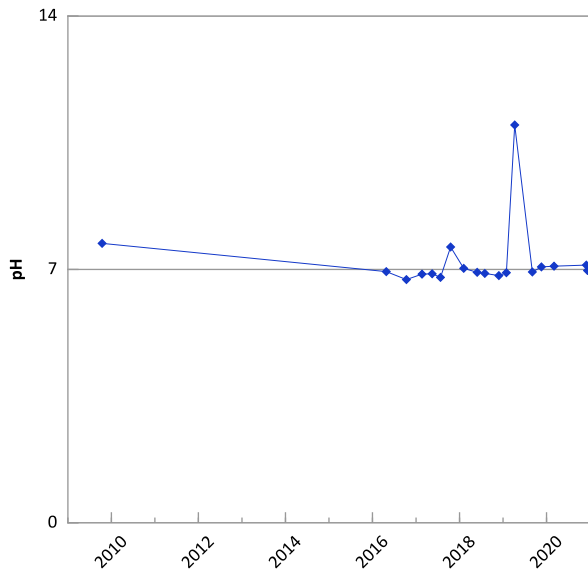
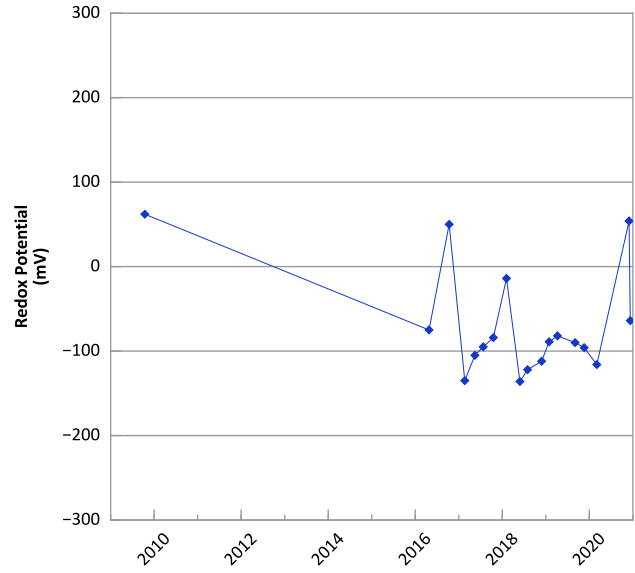
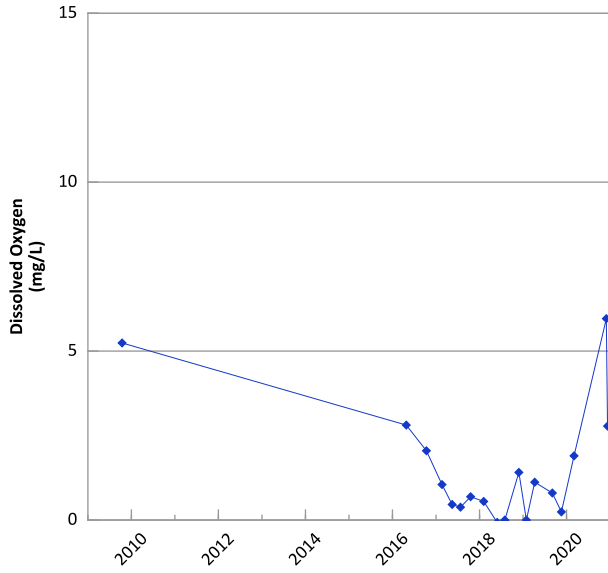
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - - Concentration Trend
- Groundwater Protection Standard

Well Location

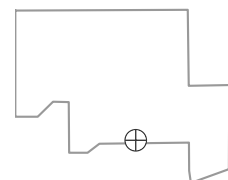


**PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**

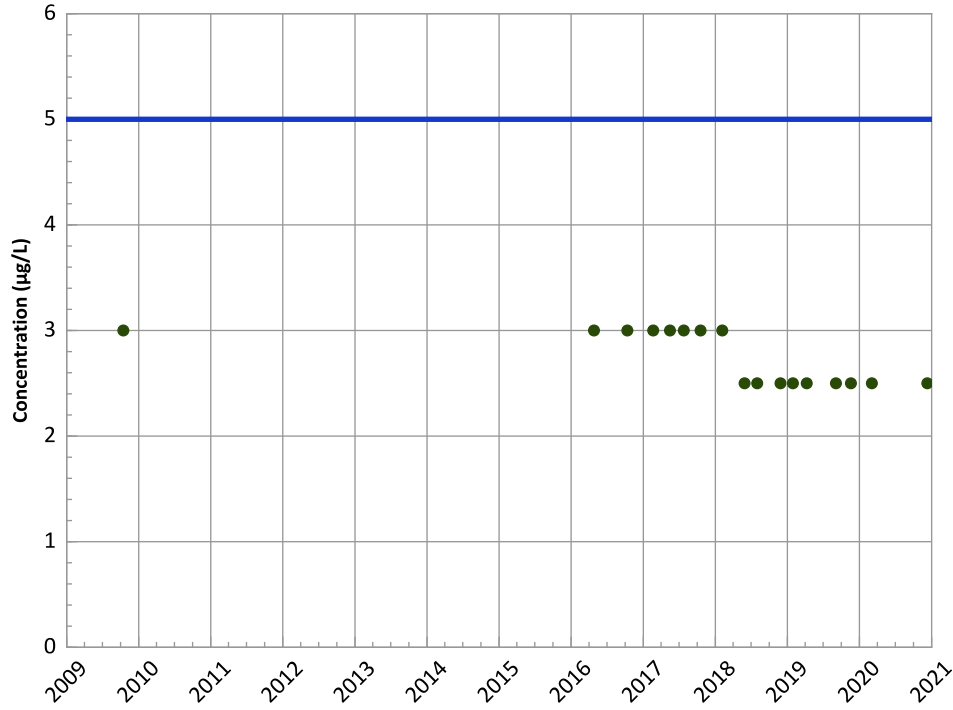


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/15/2009 to 12/10/2020
 Analysis Date: 05/19/2021

Well Location



**PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

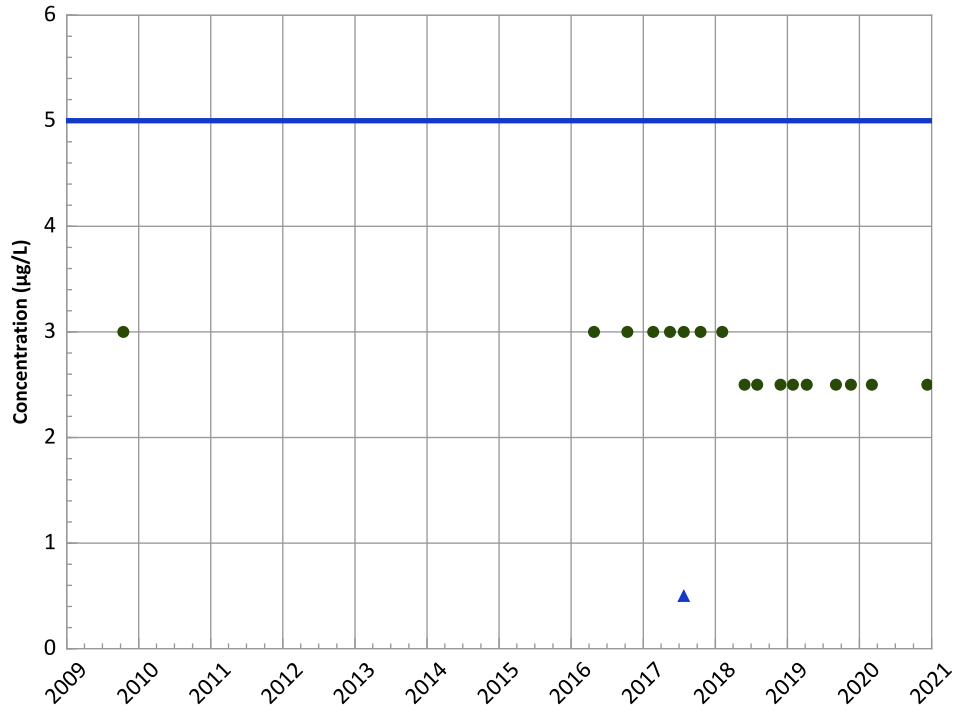
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

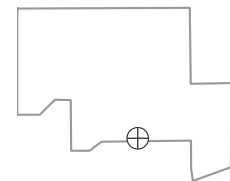
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

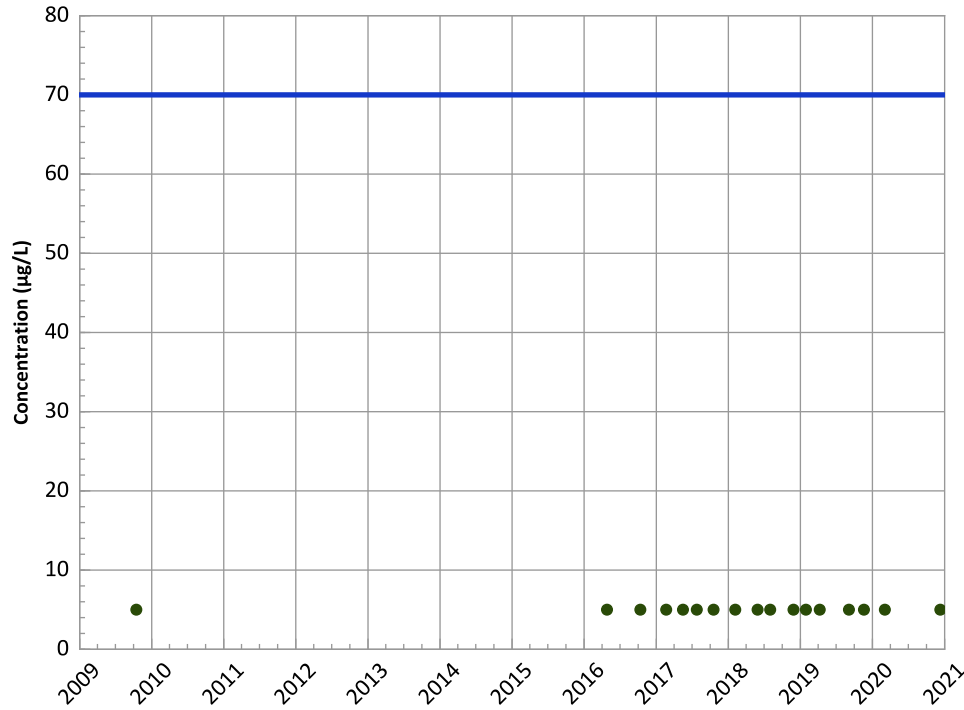


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

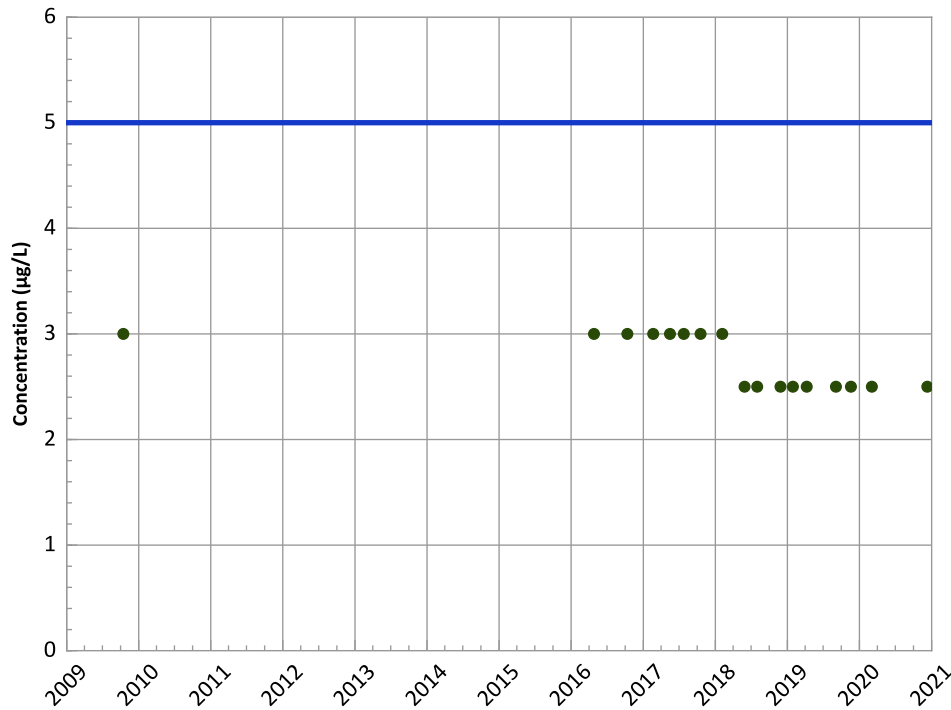
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

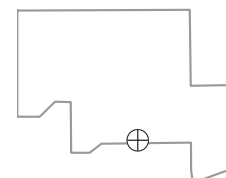
All Data:

All Non-Detect

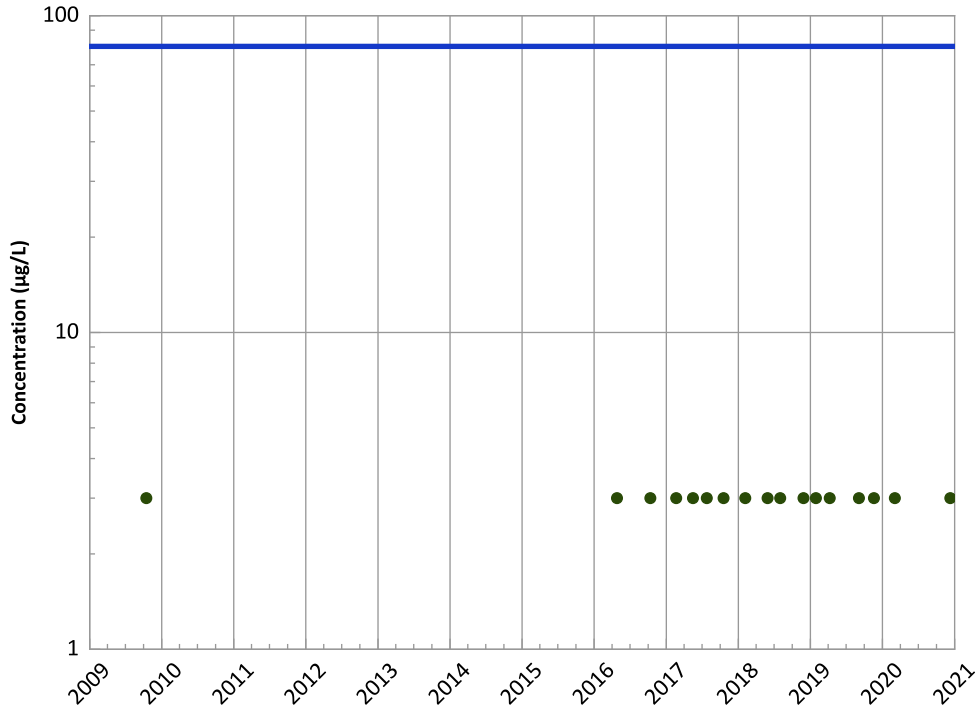
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

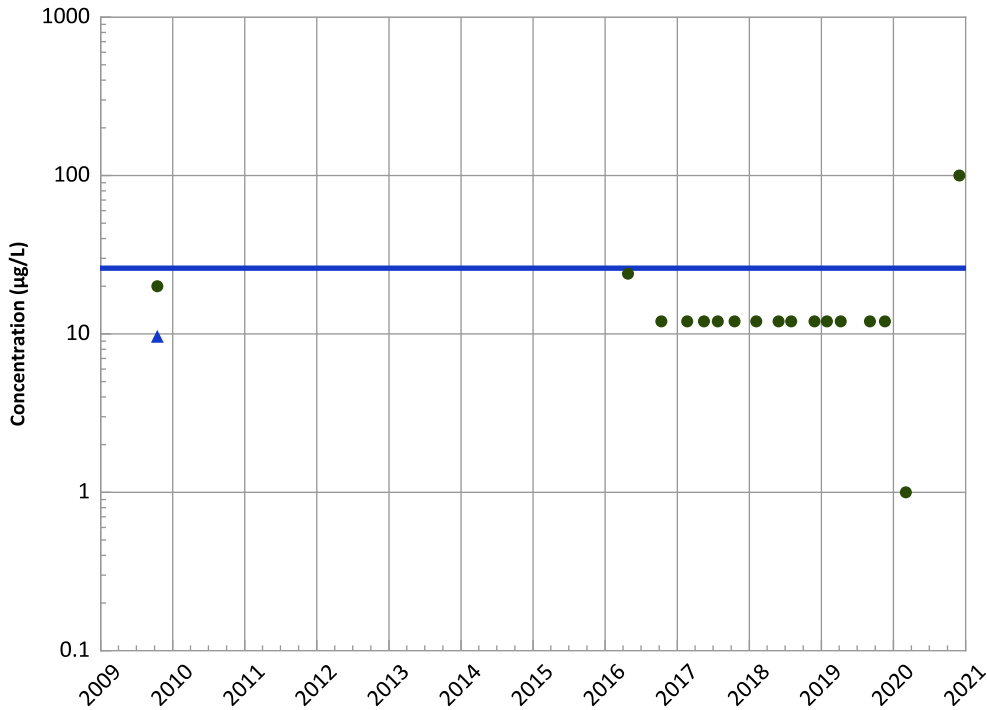
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

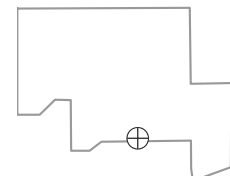
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

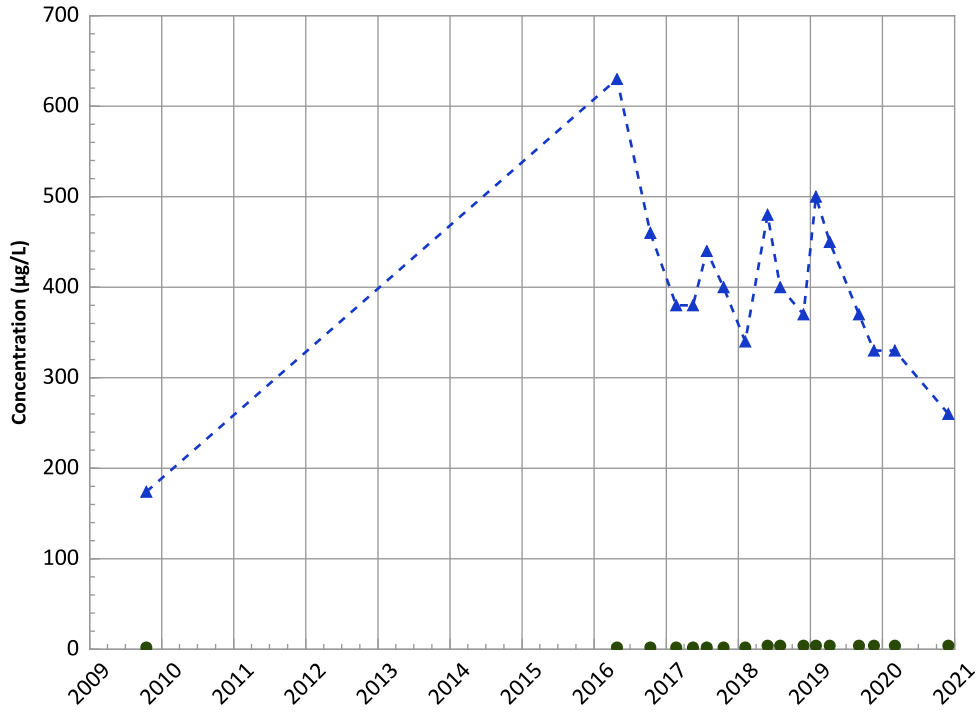


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

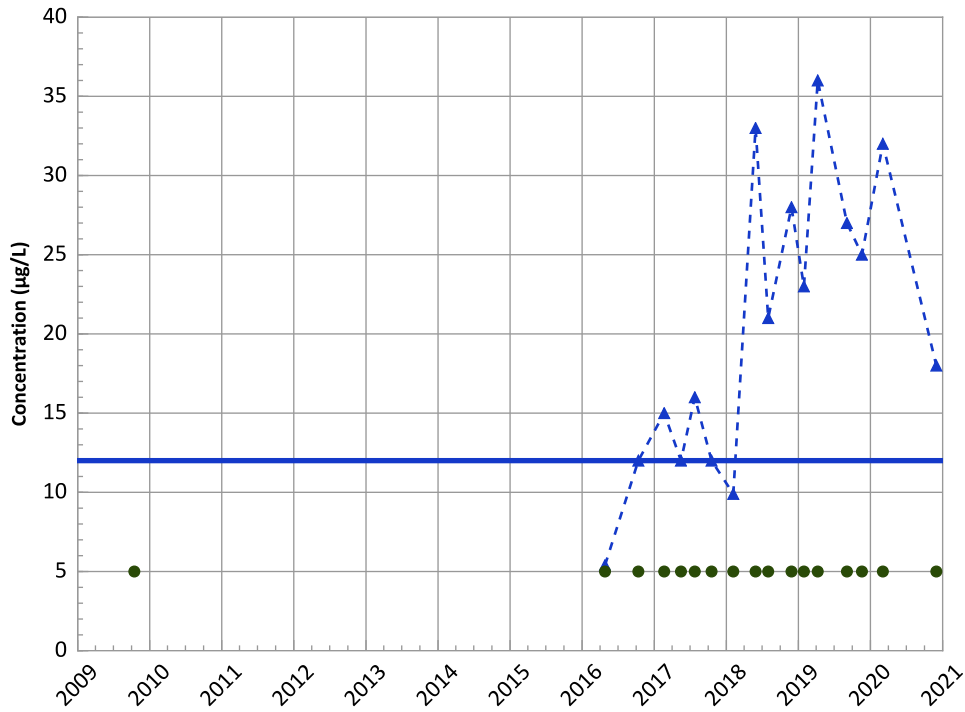
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

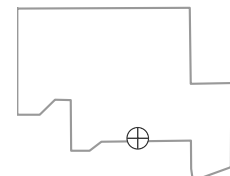
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

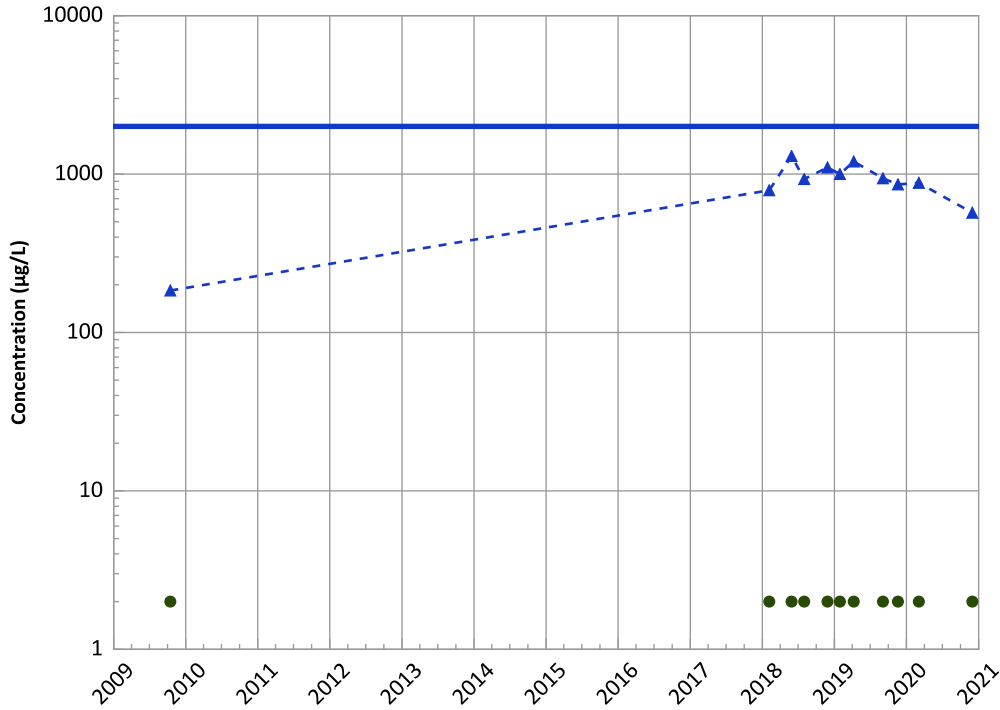


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

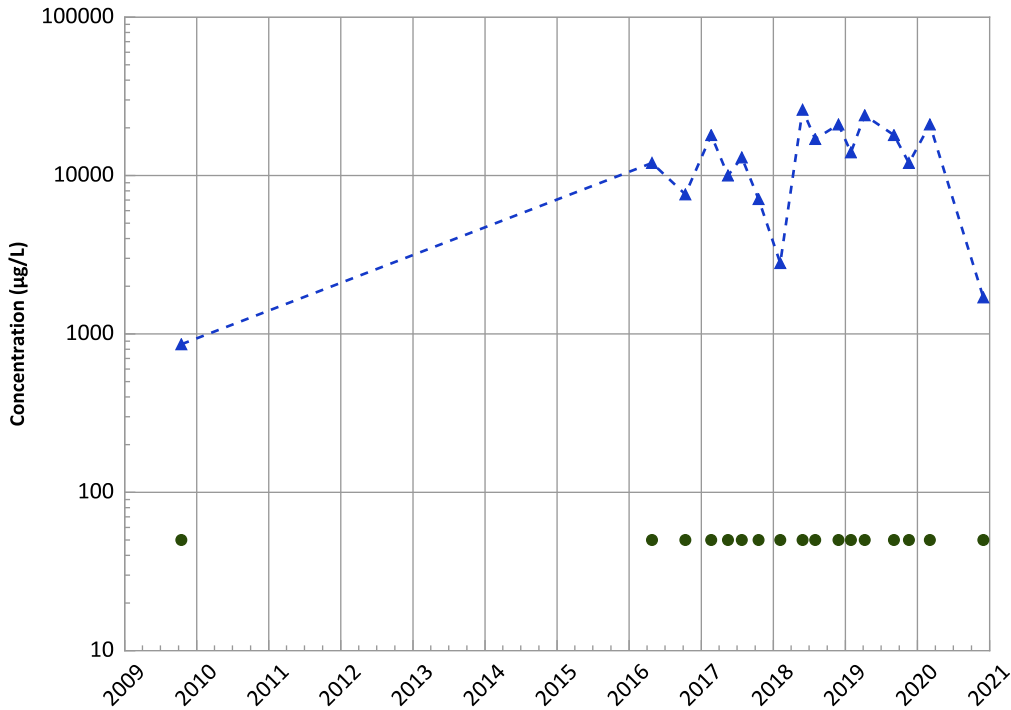
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

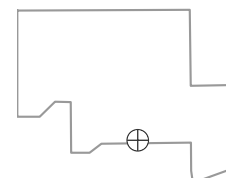
2018 - 2020 Data:

Stable

All Data:

Increasing

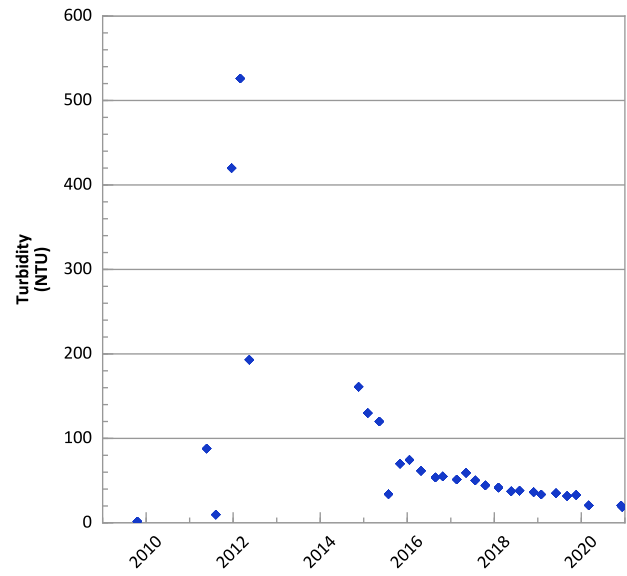
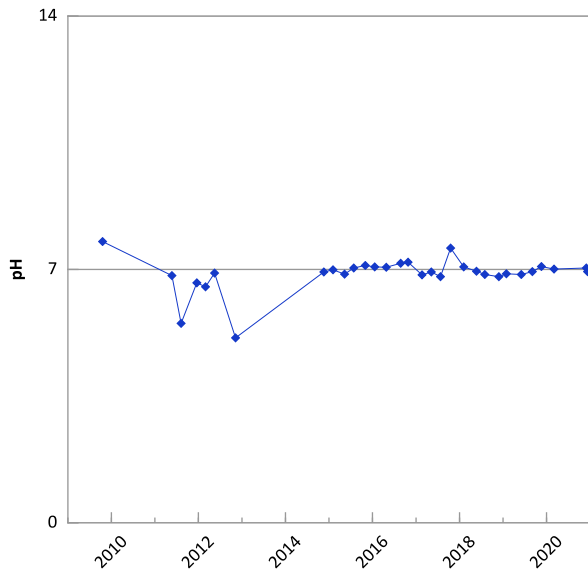
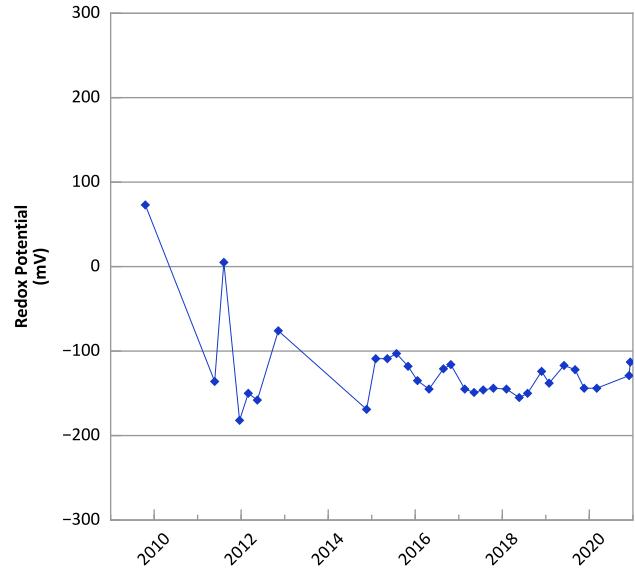
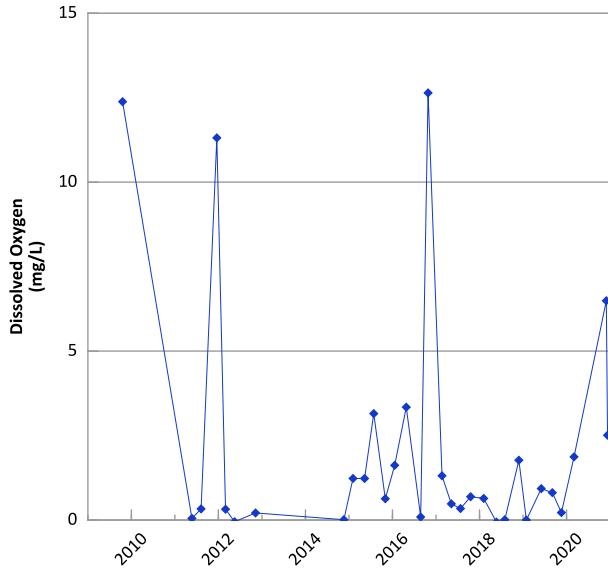
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

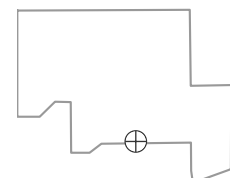
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**

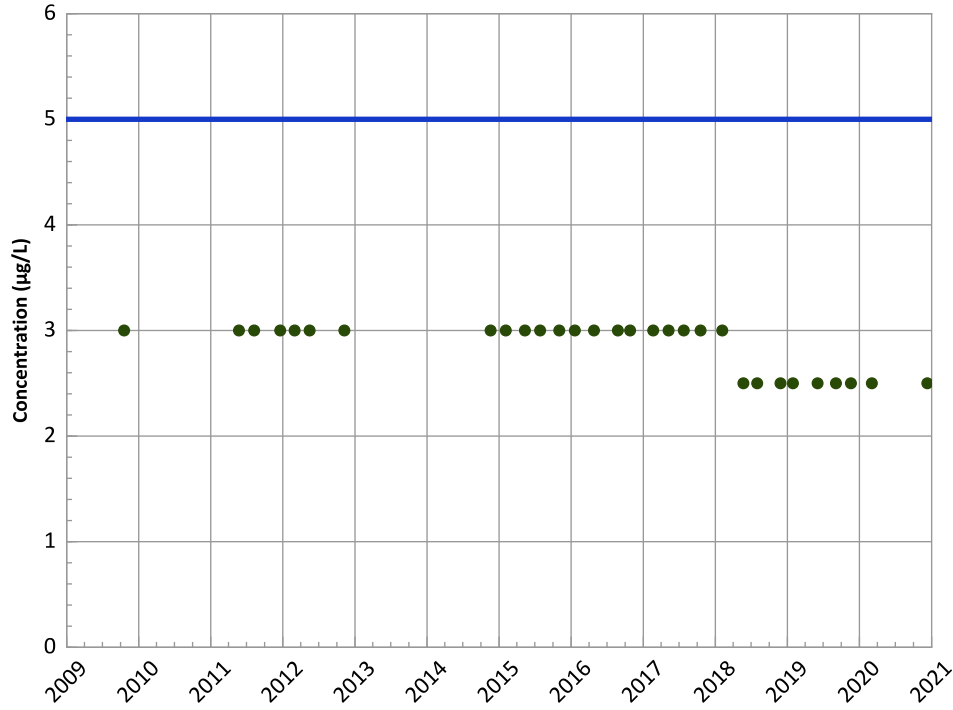


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/19/2009 to 12/10/2020
 Analysis Date: 05/19/2021

Well Location



**PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

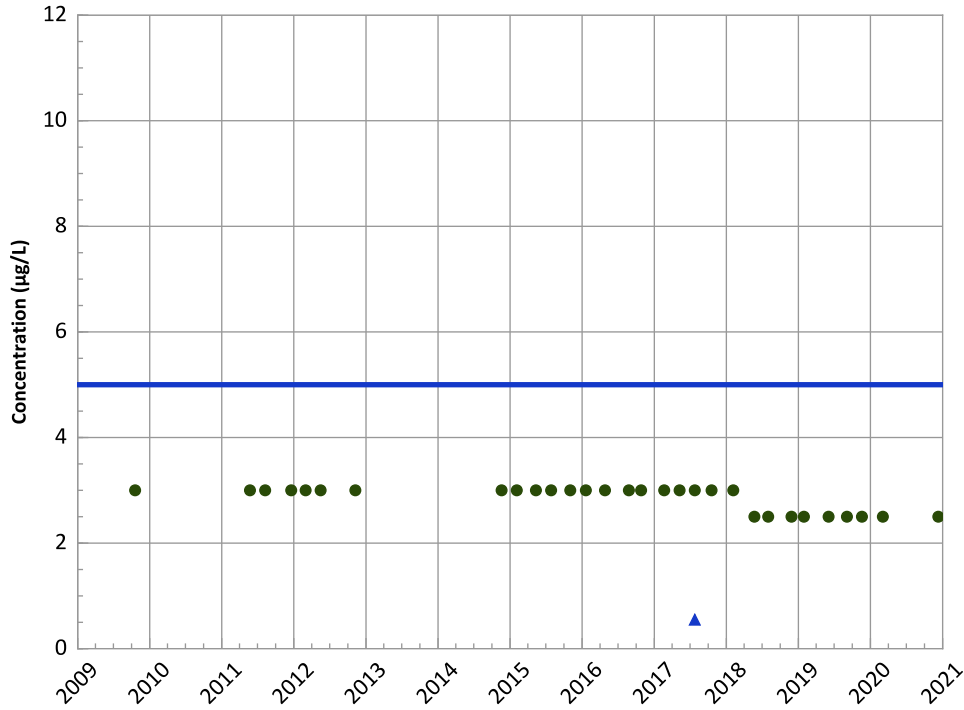
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

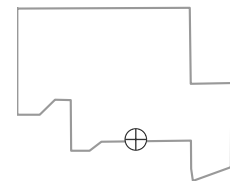
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

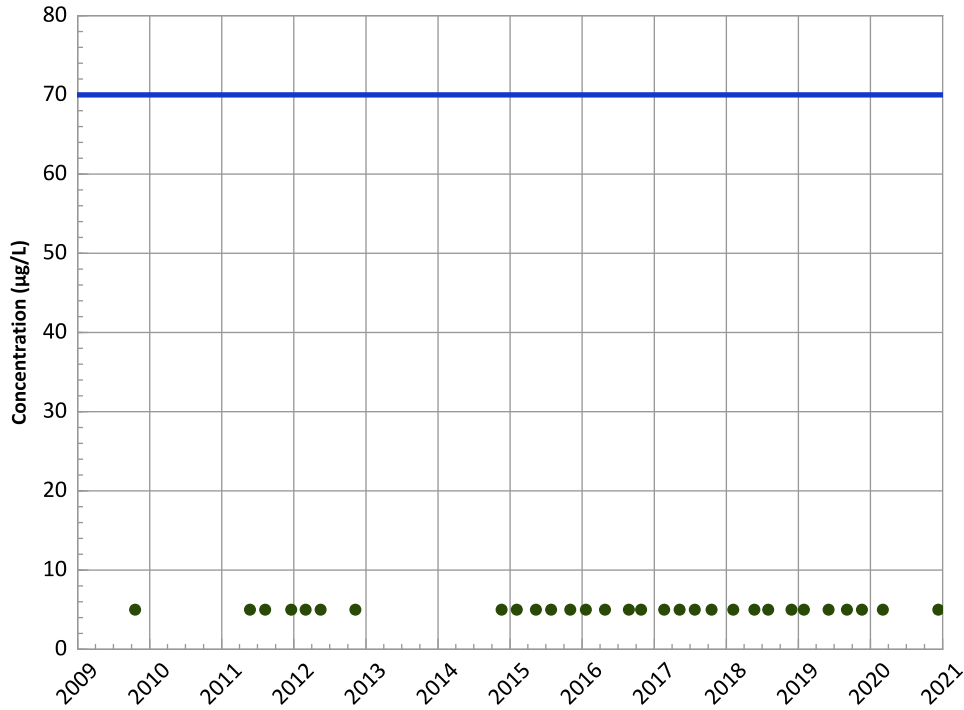
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

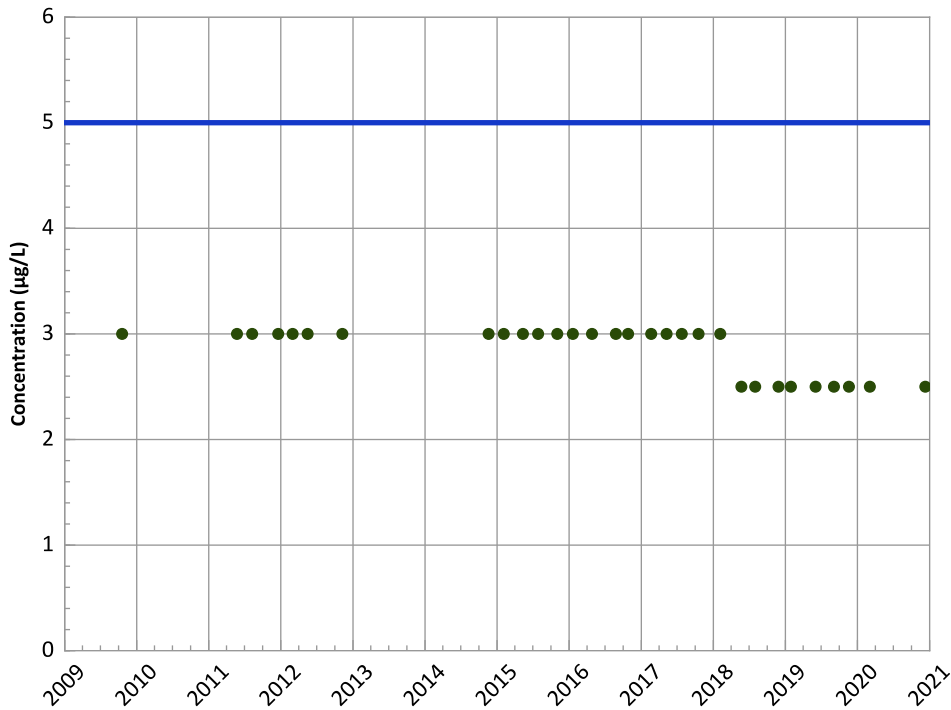
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

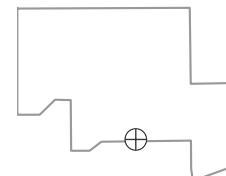
All Data:

All Non-Detect

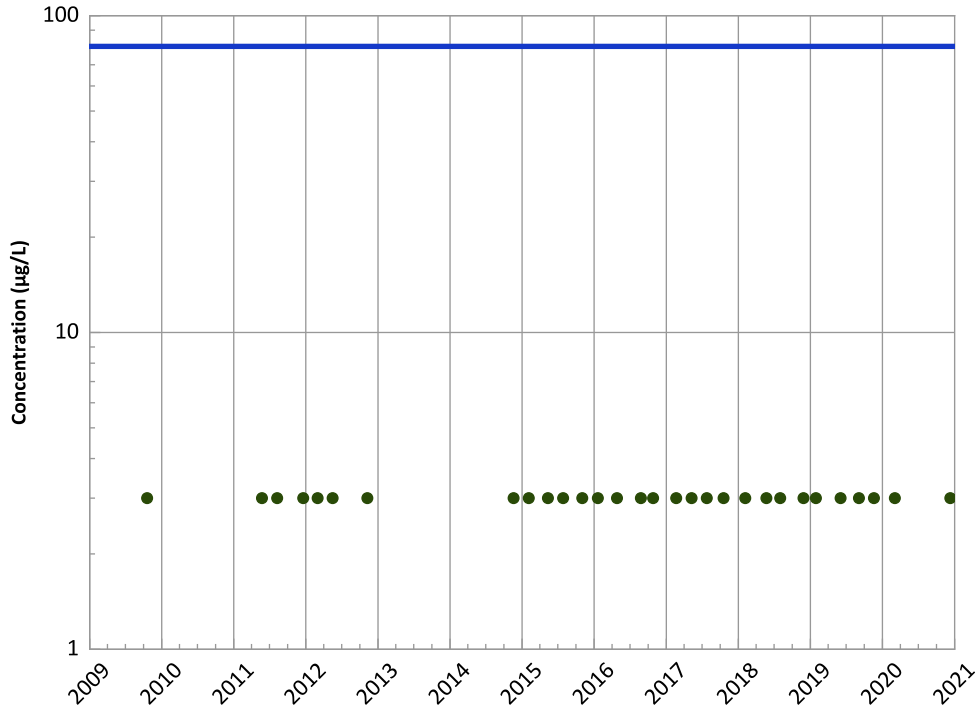
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

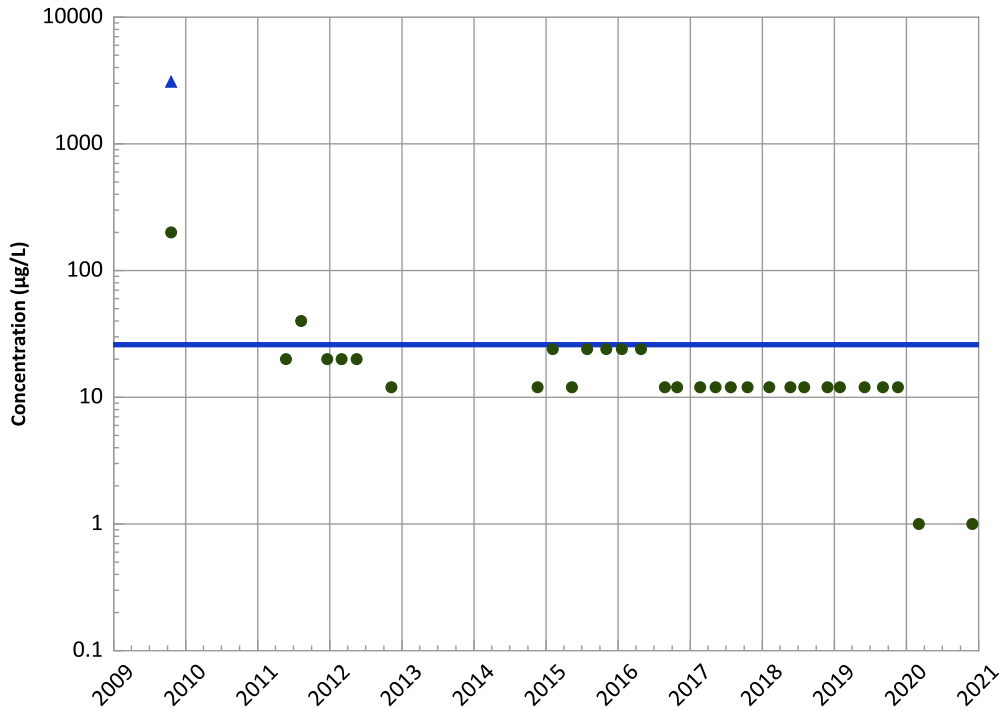


PTX06-ISB082 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Chloroform Trend



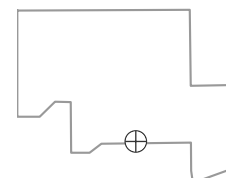
Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect
 MAROS Linear Regression Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect

Perchlorate Trend



Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 N/A (<4 Detections in Dataset)
 MAROS Linear Regression Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 N/A (<4 Detections in Dataset)

Well Location

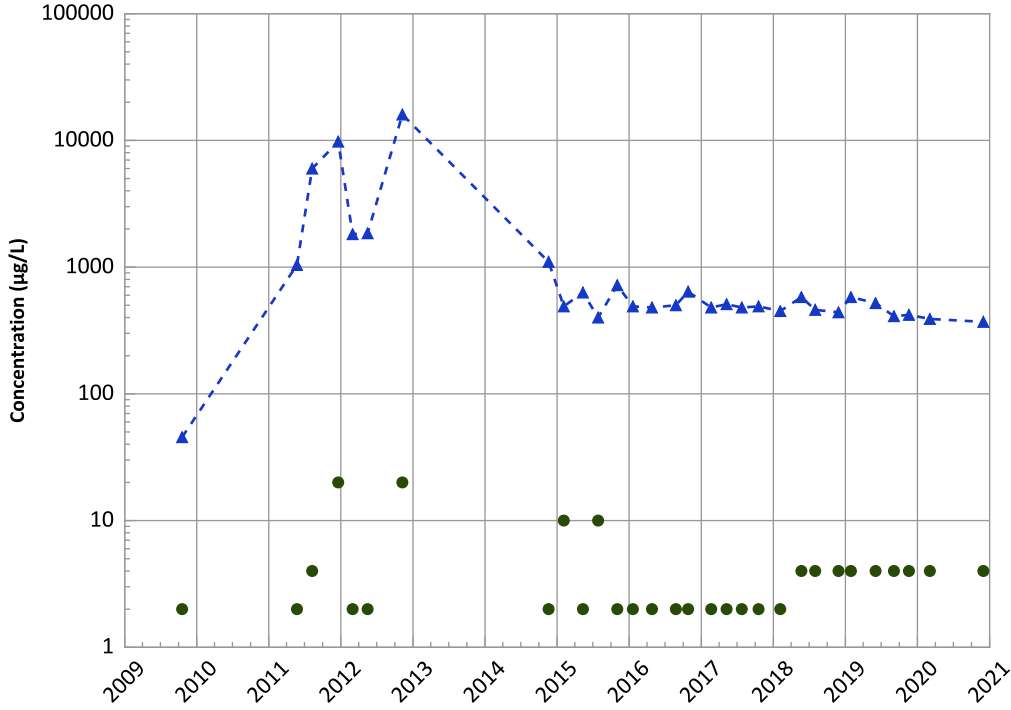


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/19/2009 to 12/10/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

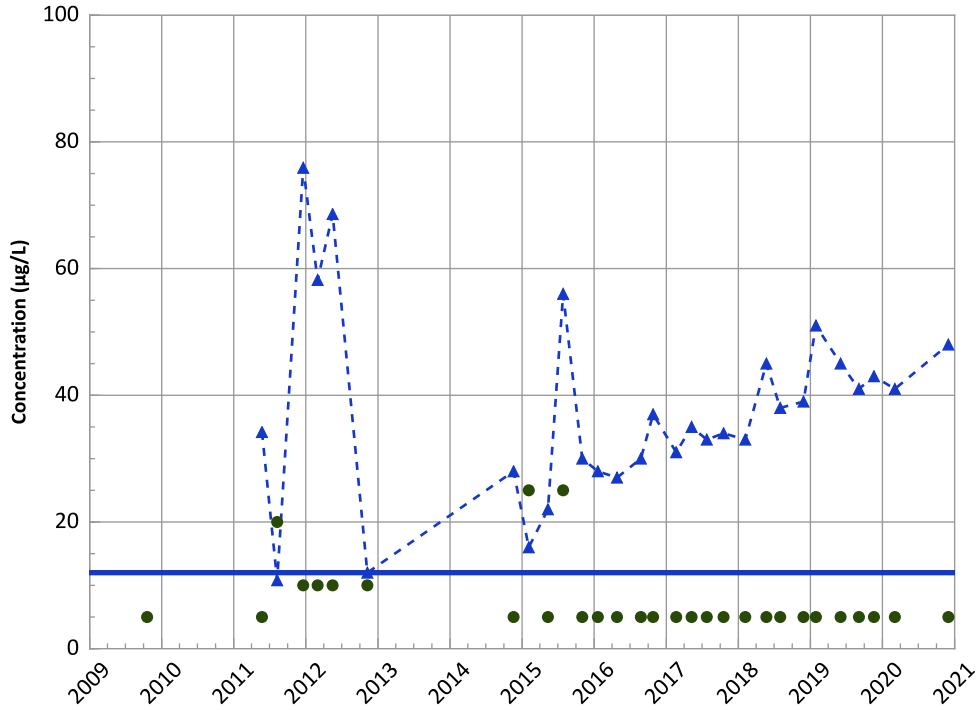
2018 - 2020 Data:

Stable

All Data:

Decreasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

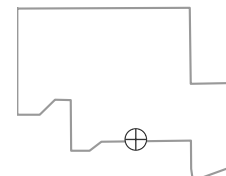
All Data:

Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 05/19/2021

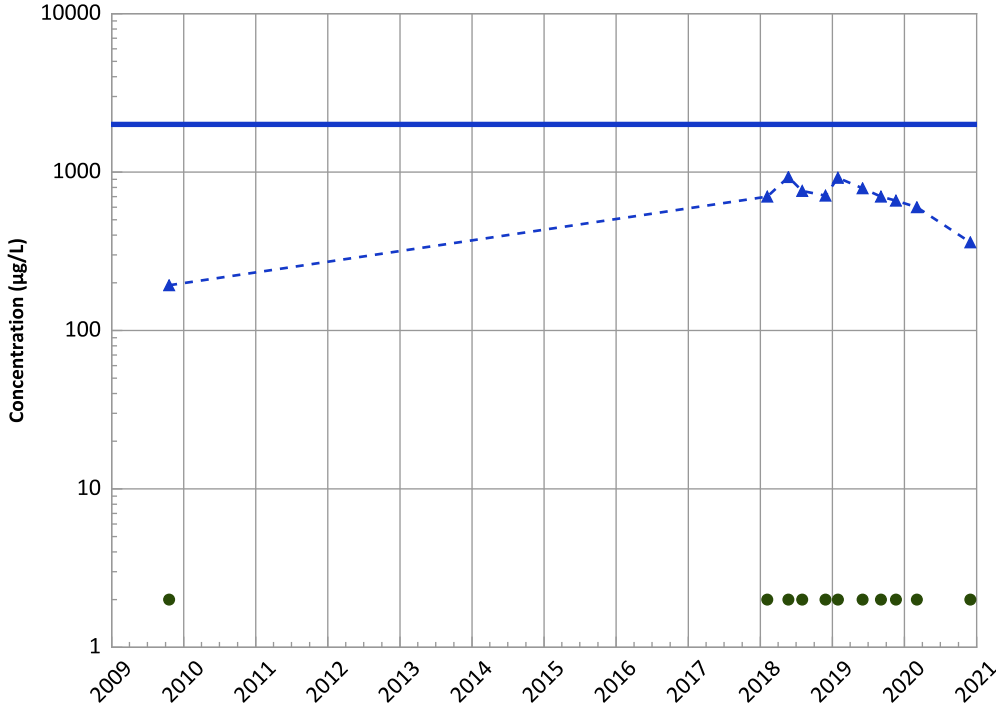
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

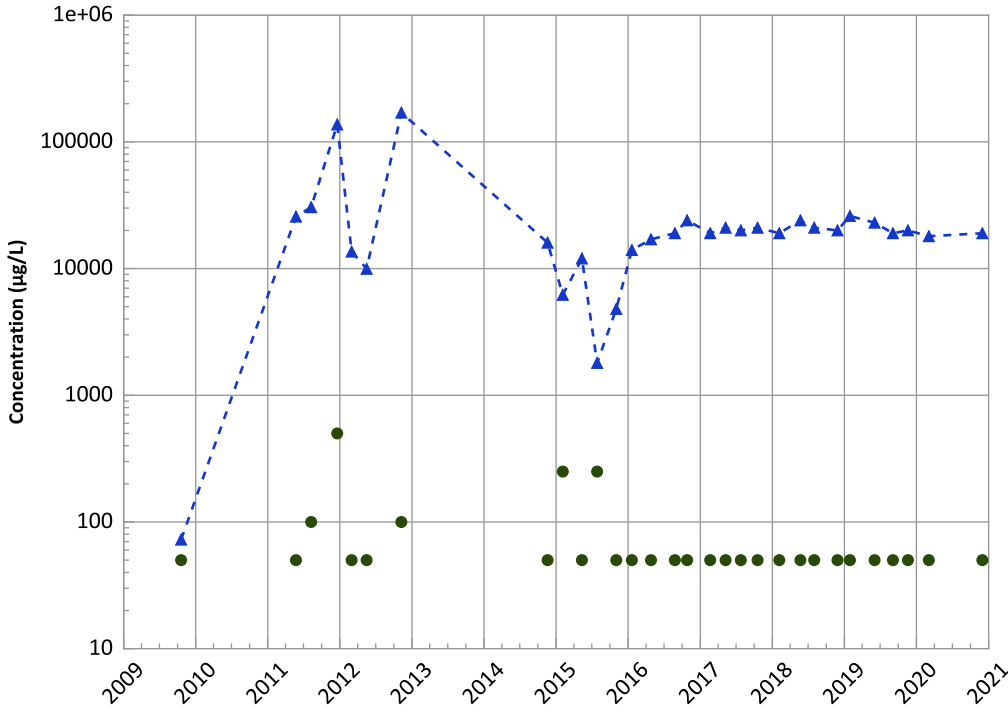
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

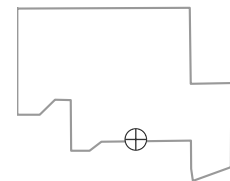
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Well Location

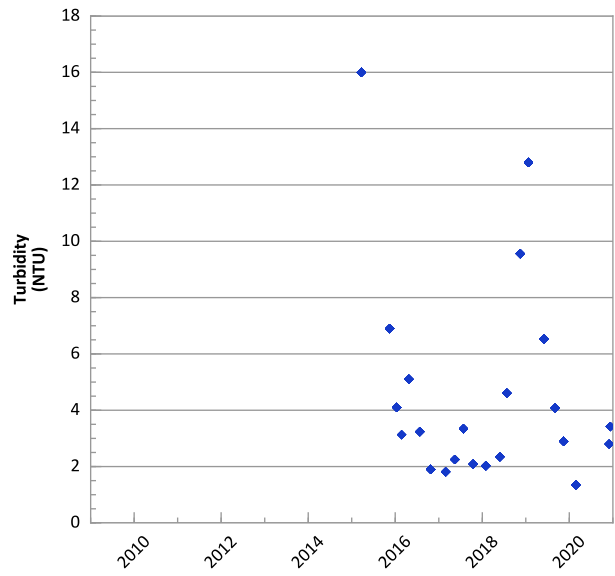
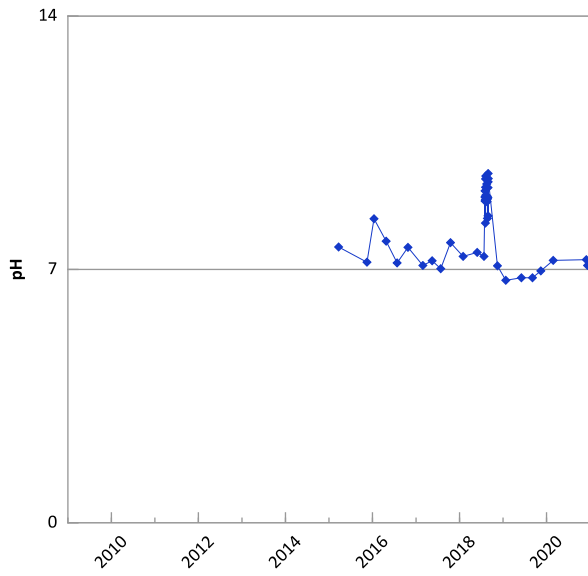
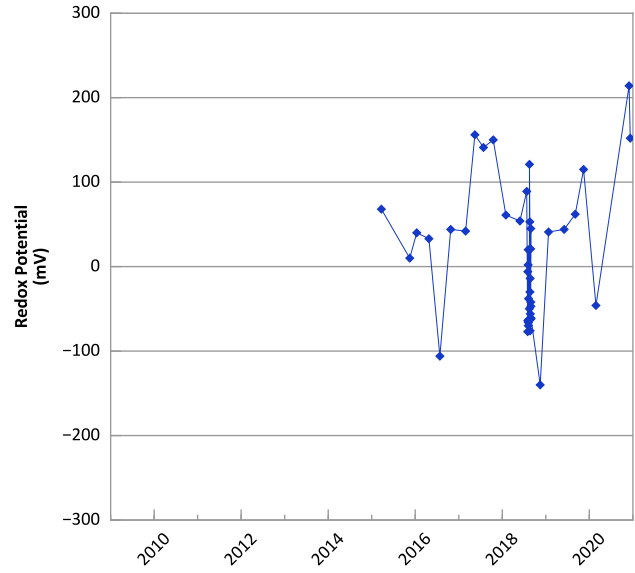
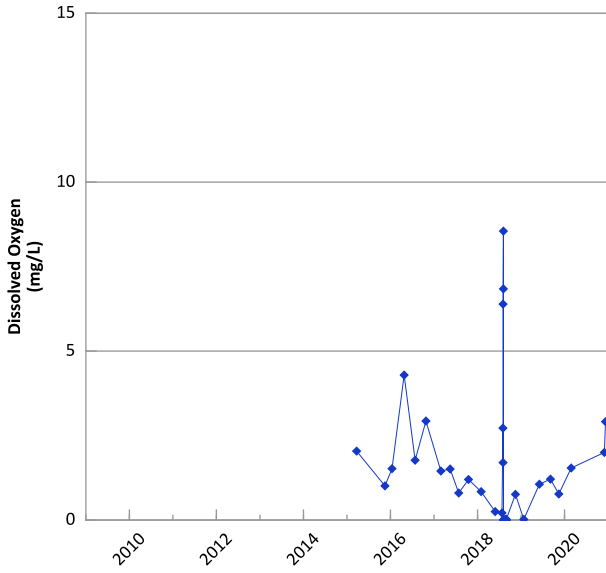


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

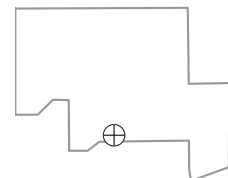
**ISB Treatment Zone Well and
Performance Monitoring Well
Analyte Concentration Trends**

**PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**

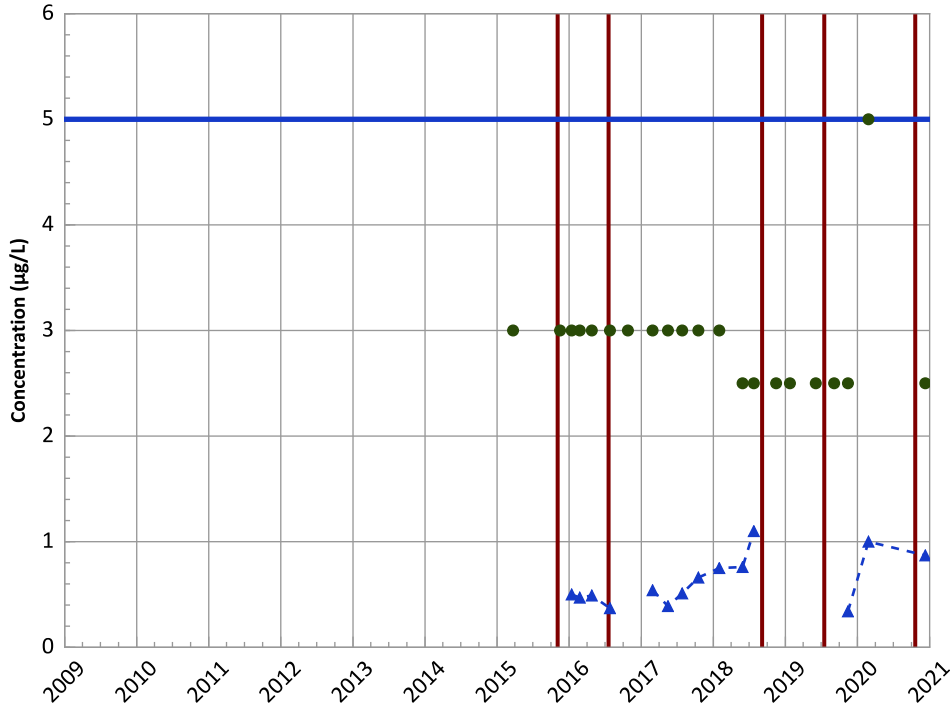


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/23/2015 to 12/10/2020
 Analysis Date: 06/03/2021

Well Location



**PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

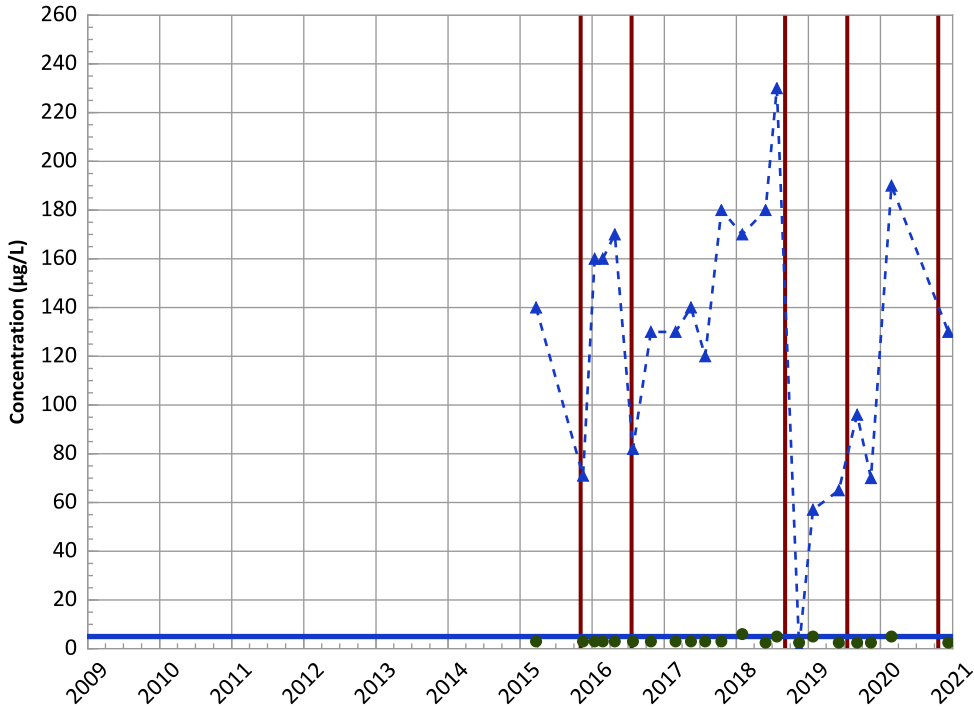


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Trichloroethene Trend

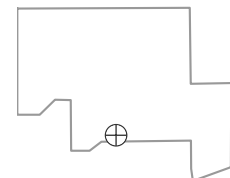


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
No Trend

Well Location

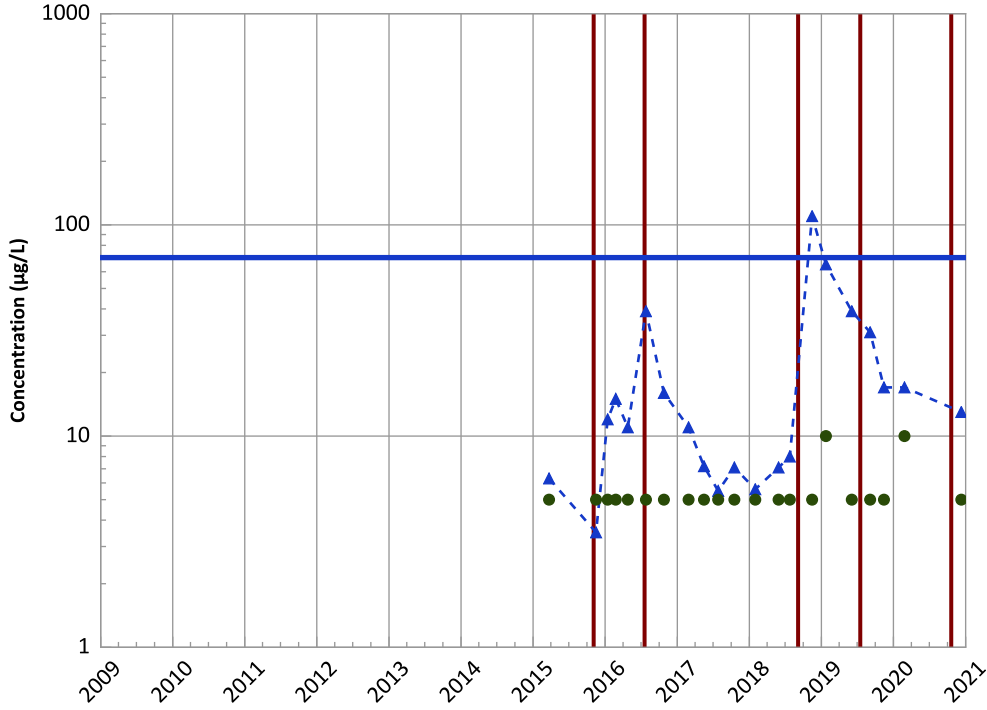


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

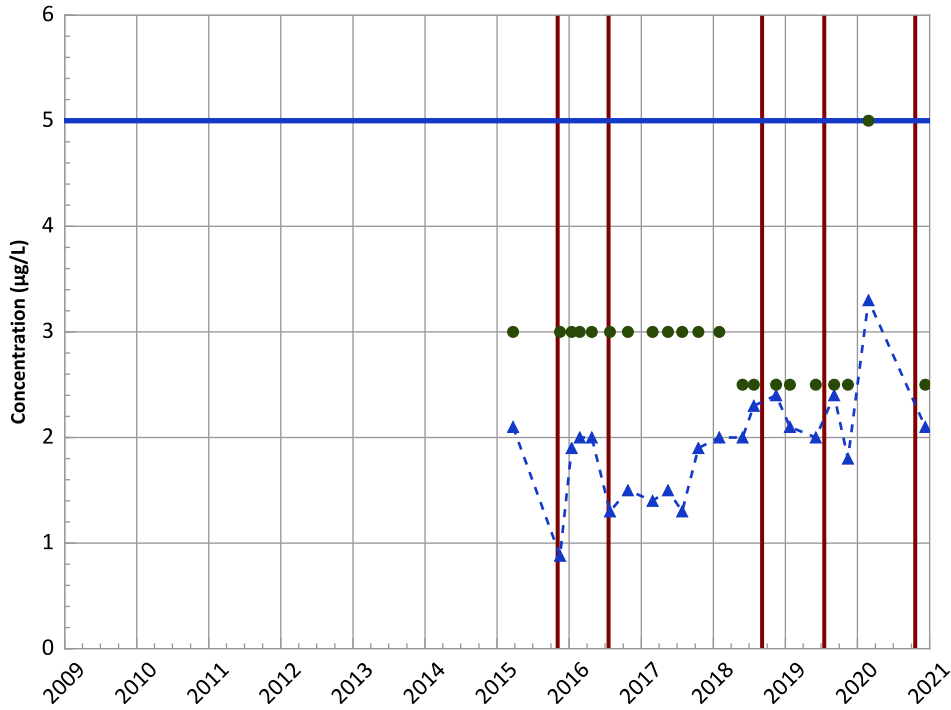


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

1,2-Dichloroethane Trend

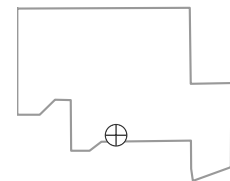


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

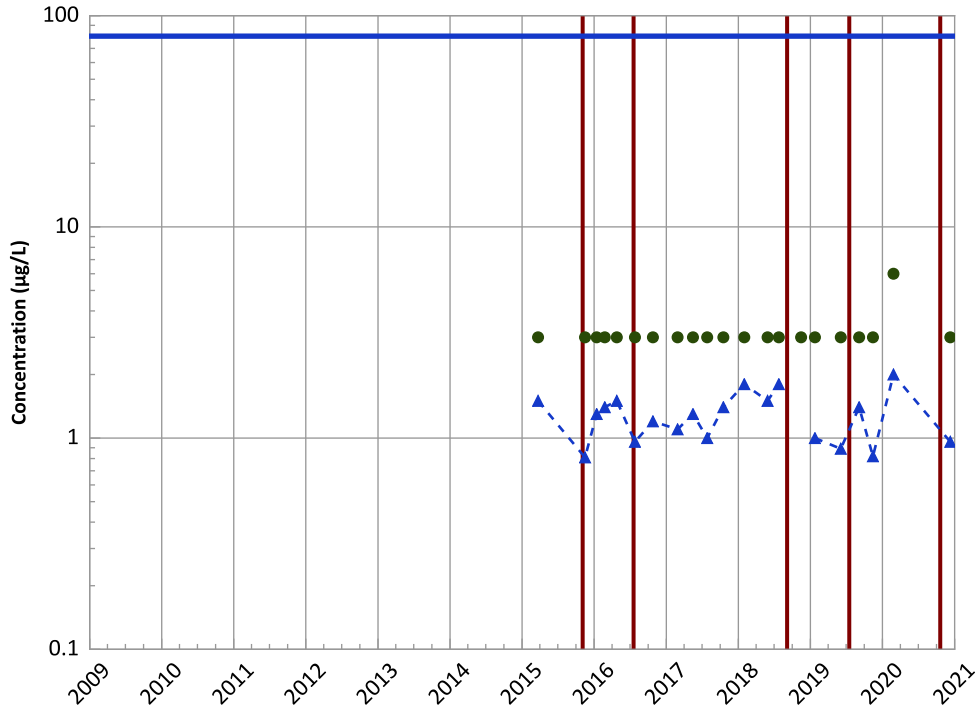


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

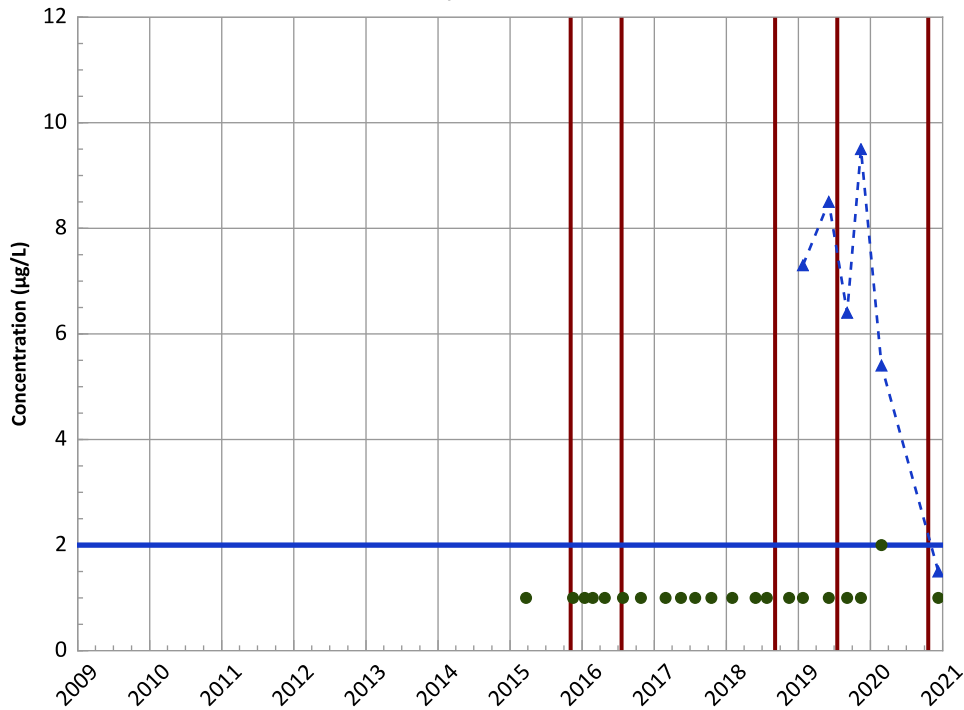


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
Stable

Vinyl Chloride Trend

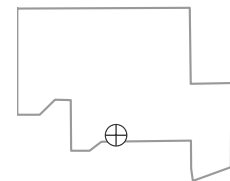


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Well Location

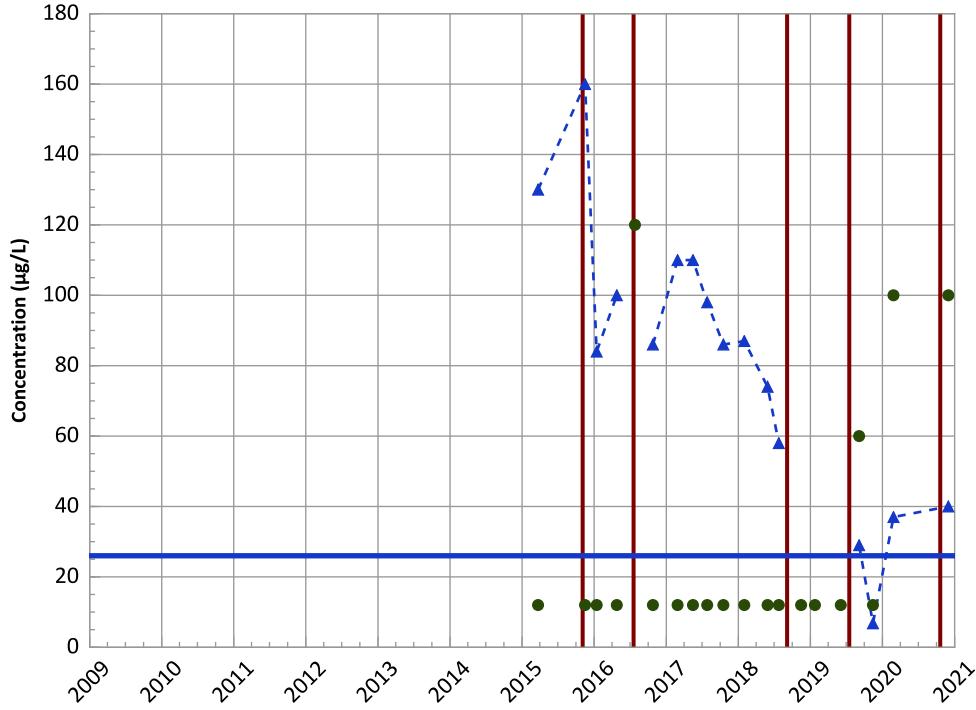


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing

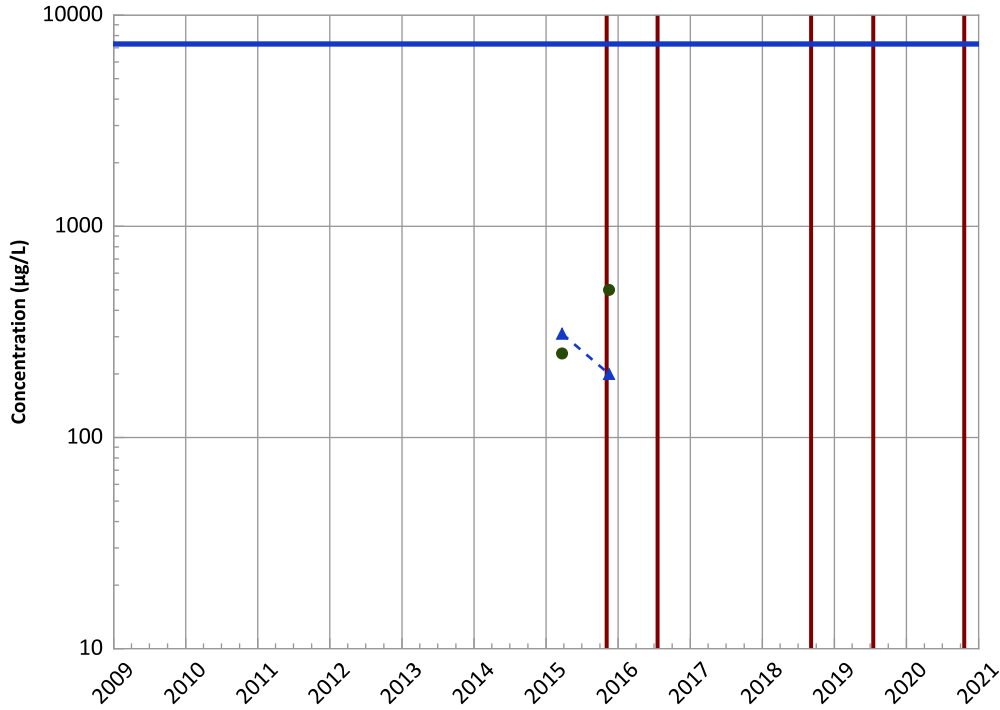
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Decreasing

2018 - 2020 Data:
No Trend

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)

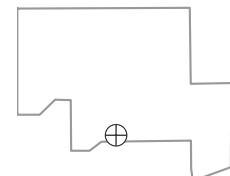
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

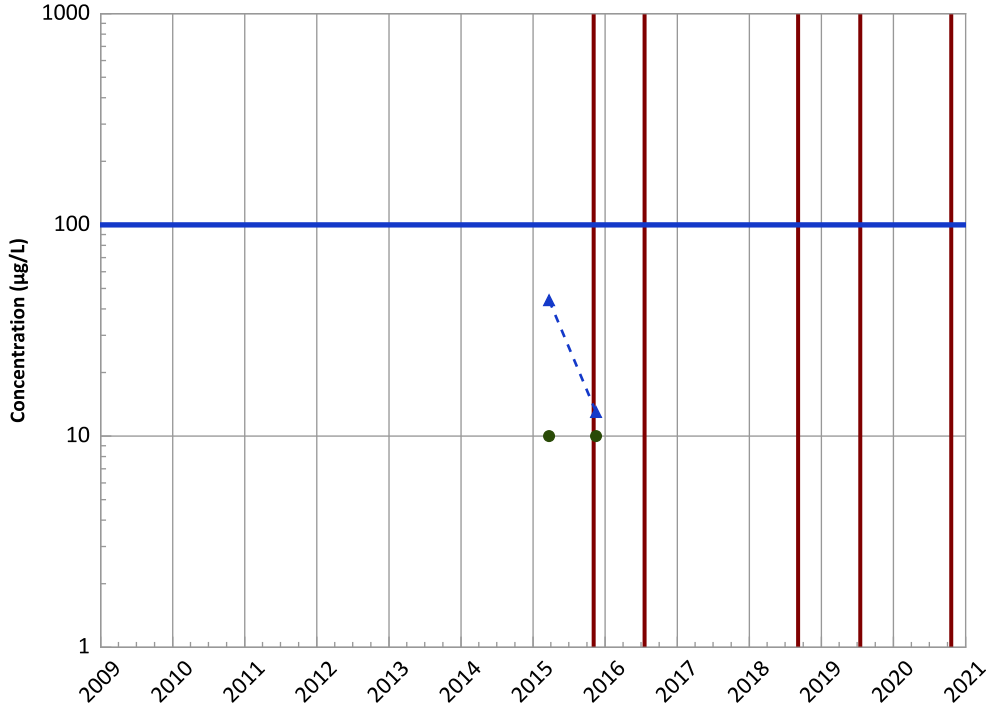


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

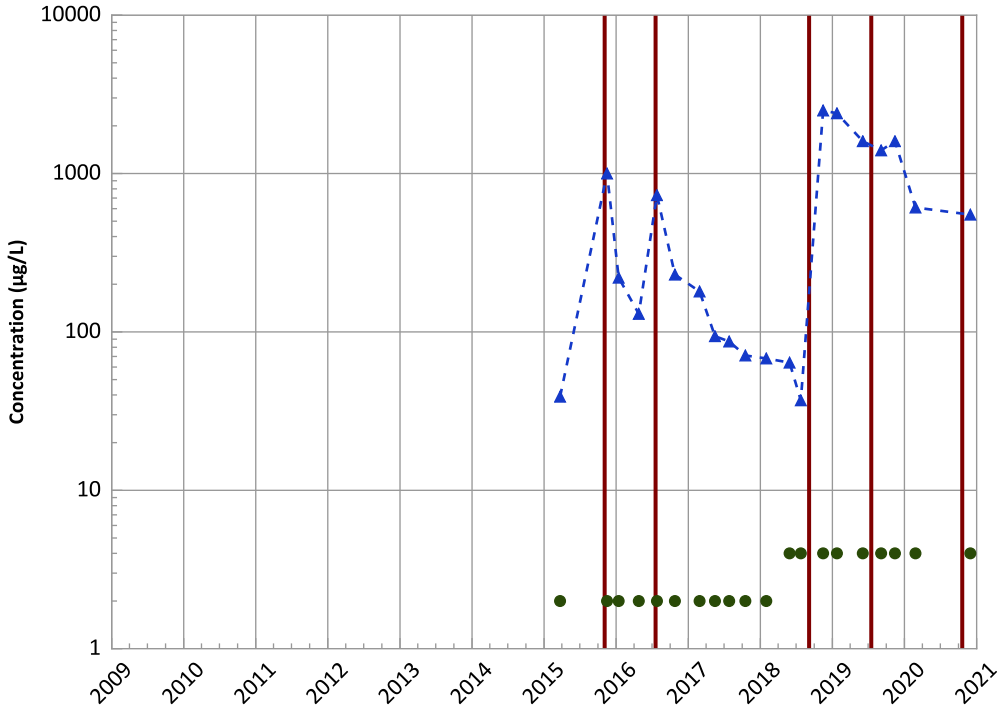
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

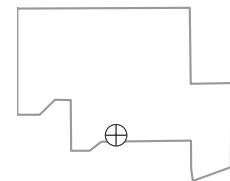
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
No Trend' 'No Trend'
2018 - 2020 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Increasing' 'Increasing'
2018 - 2020 Data:
Stable' 'Stable

Well Location

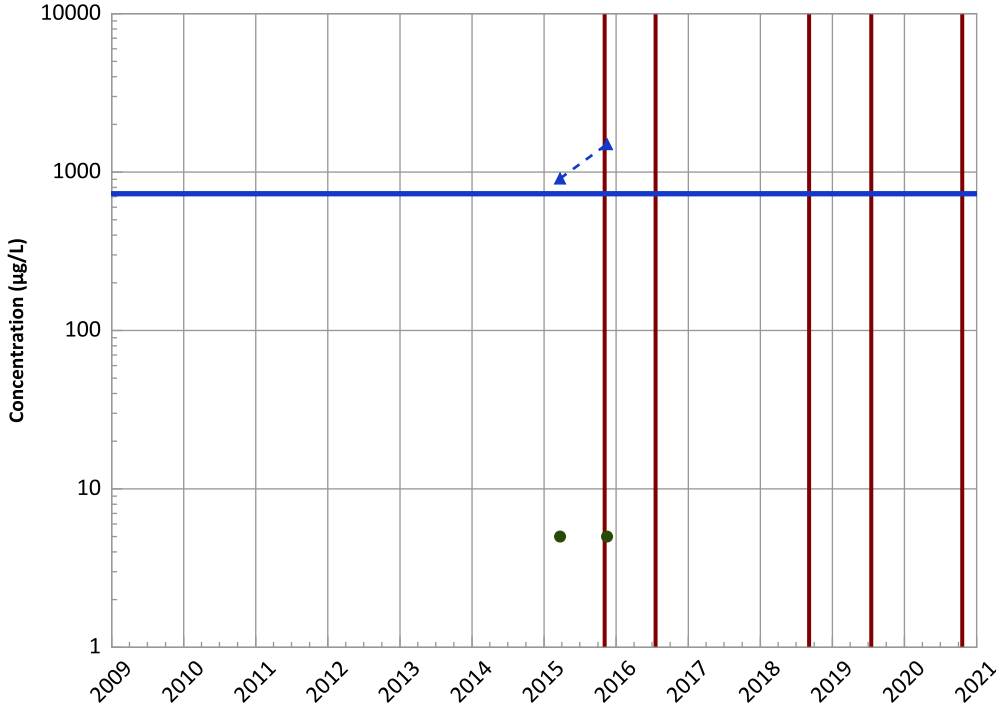


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

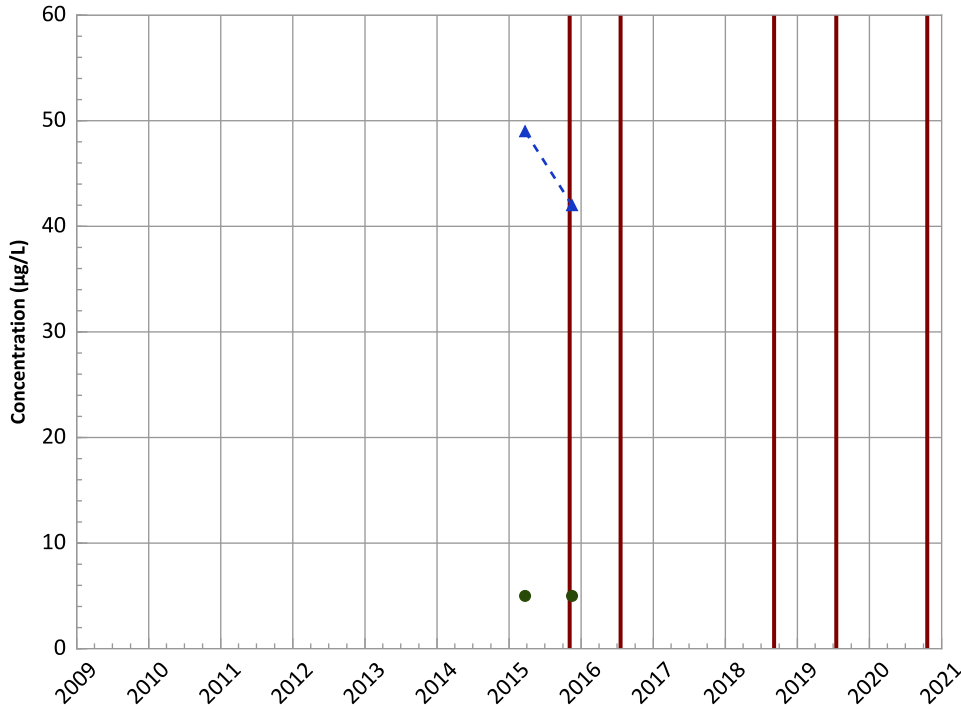
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

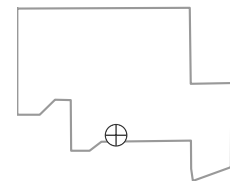
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

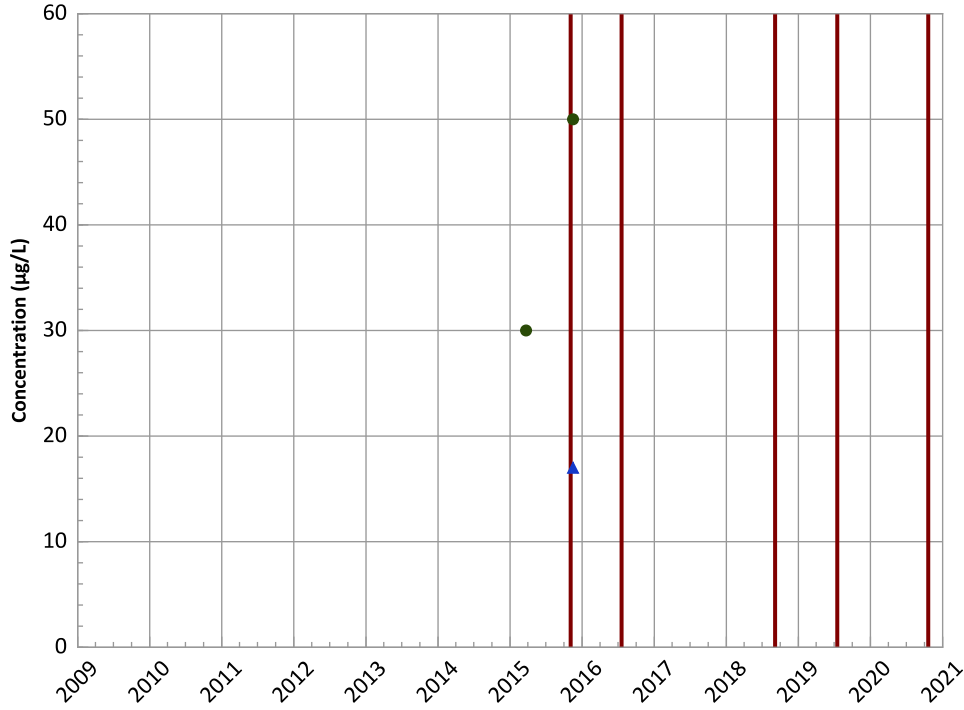


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)

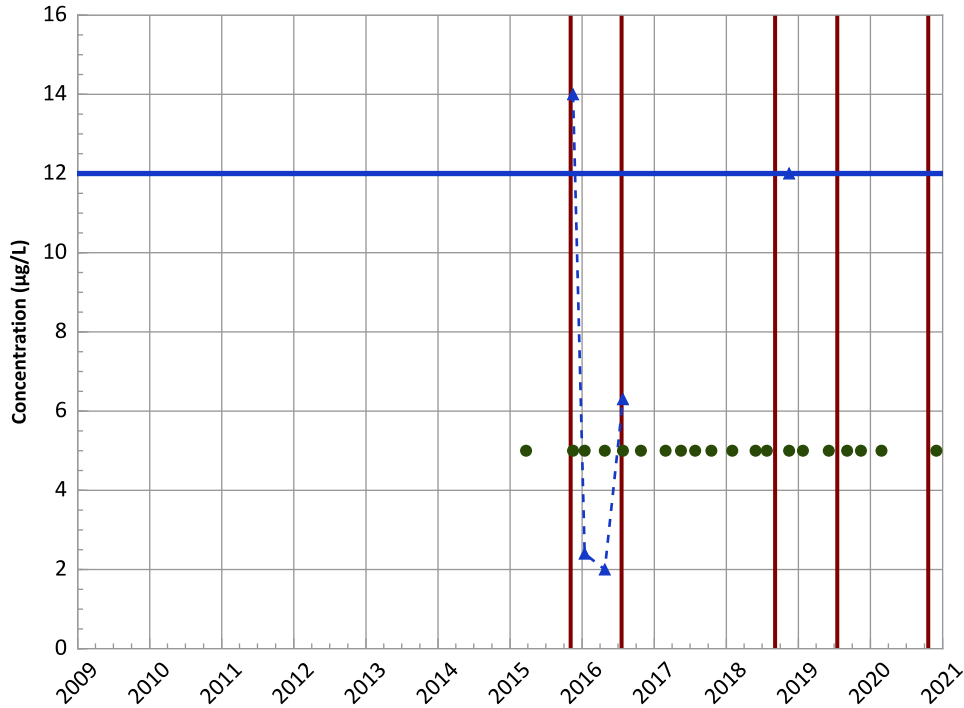
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing

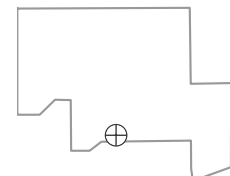
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
No Trend

2018 - 2020 Data:
Increasing

Well Location

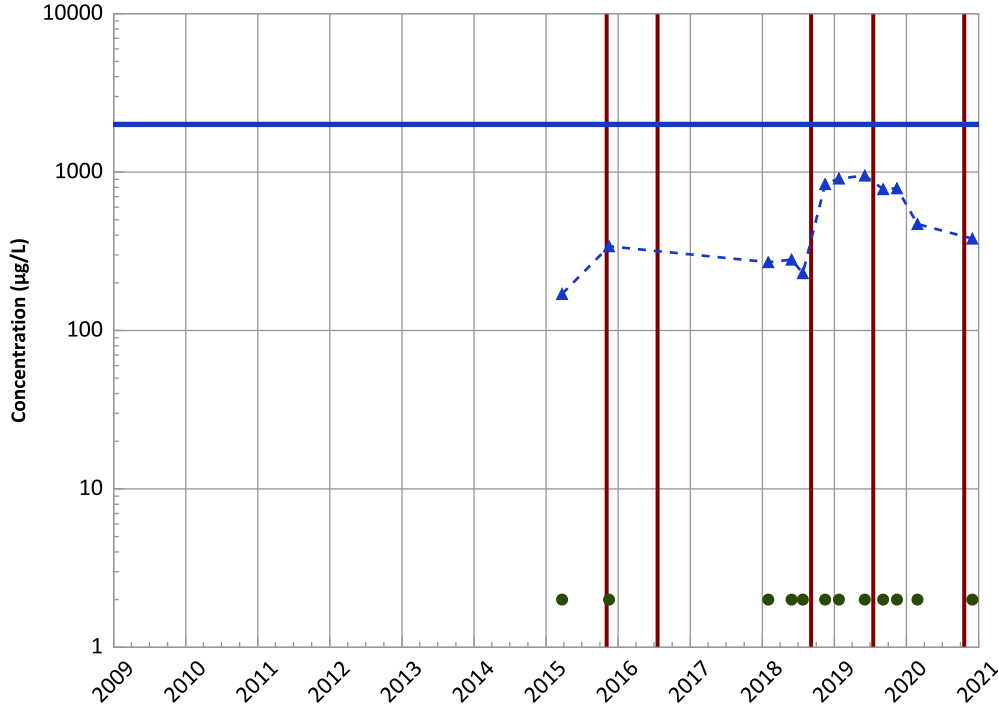


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

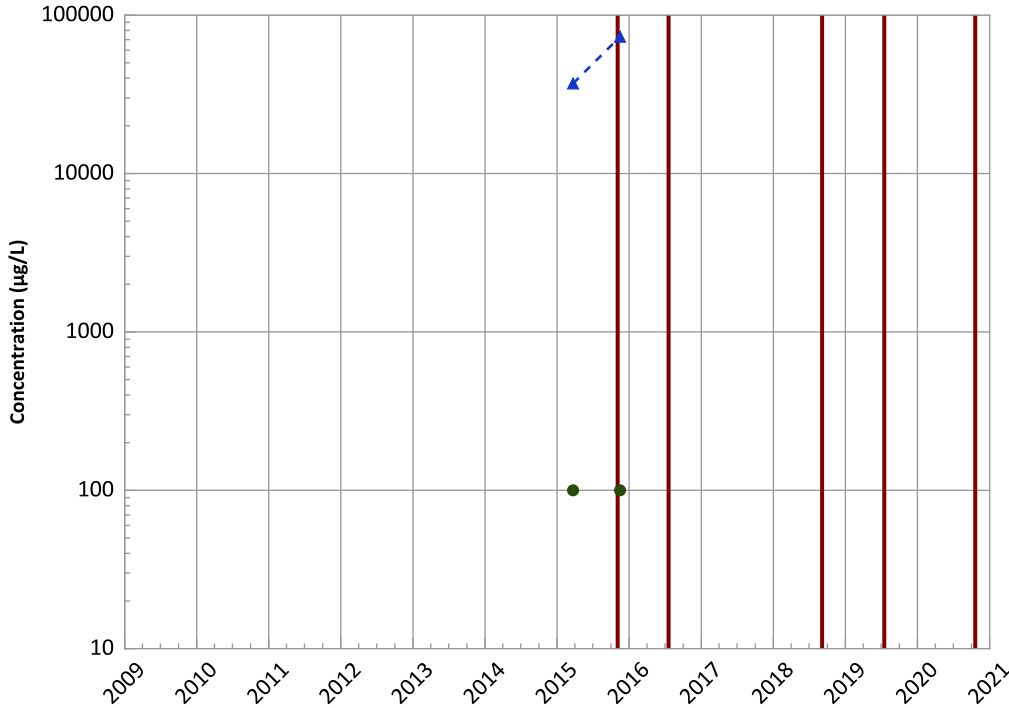


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

Calcium Trend

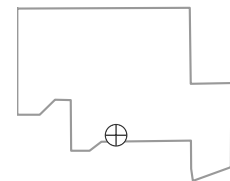


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

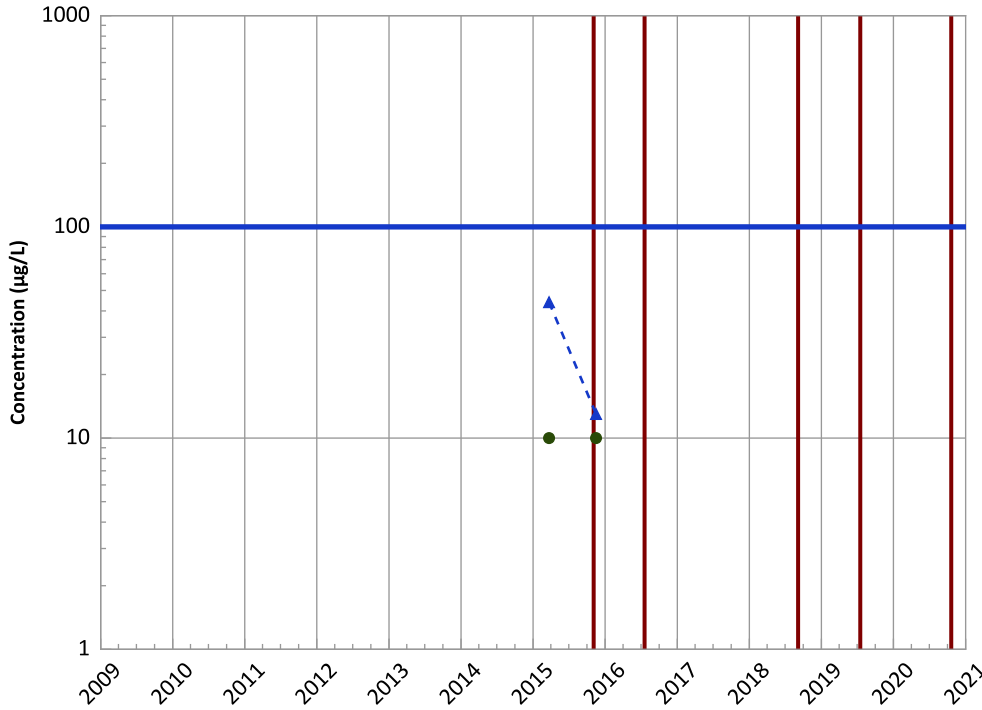


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

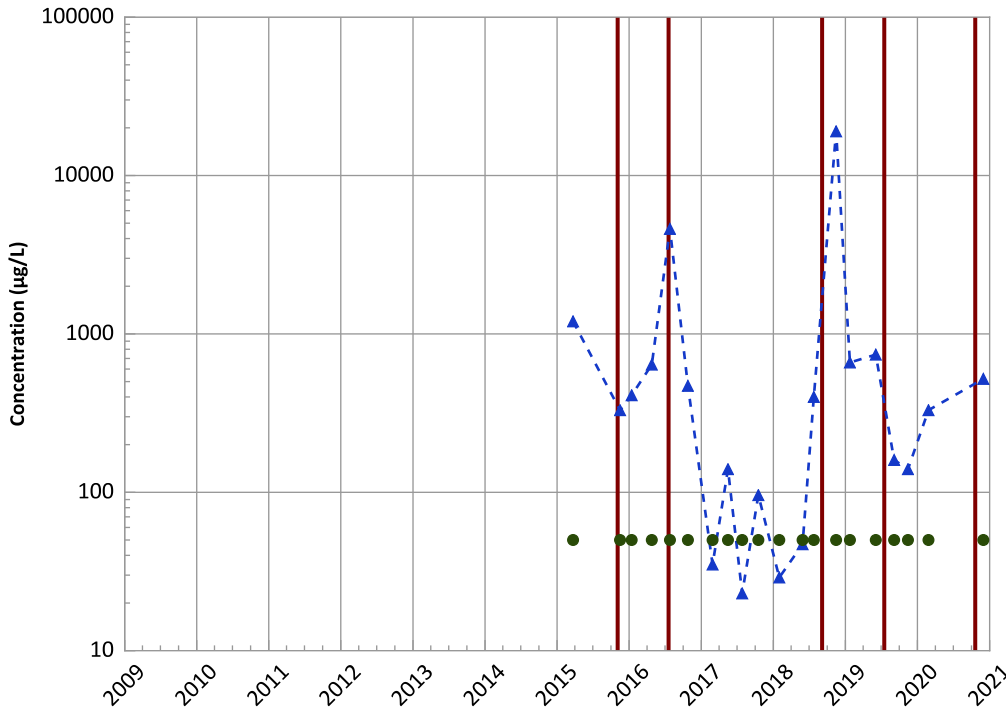


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Iron Trend

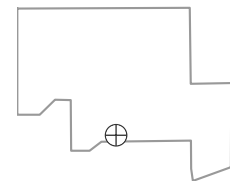


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

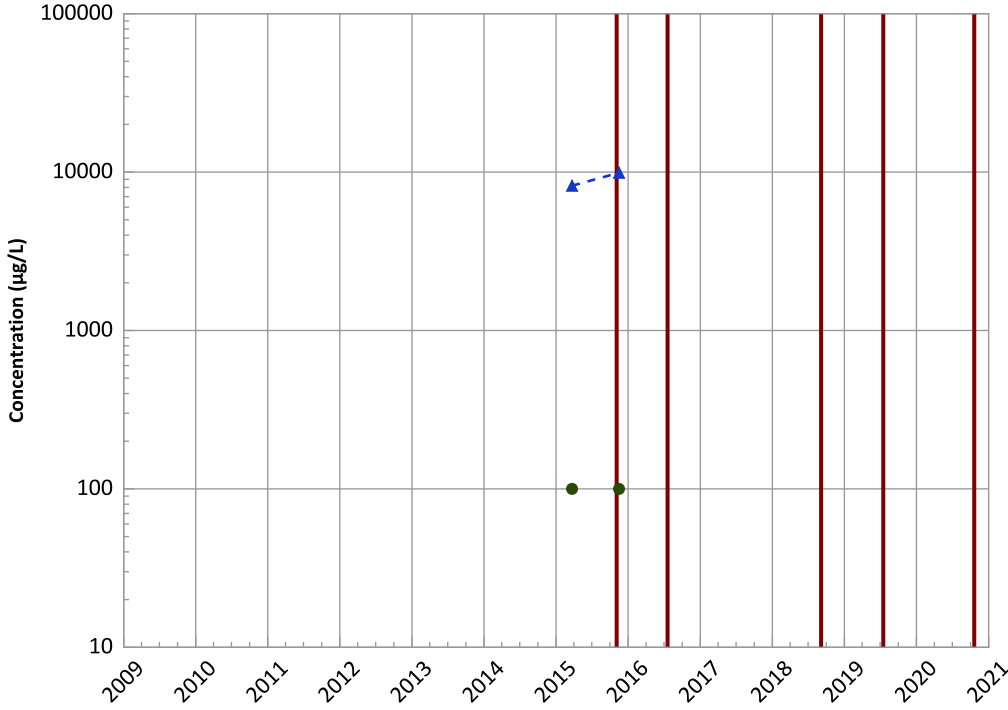


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

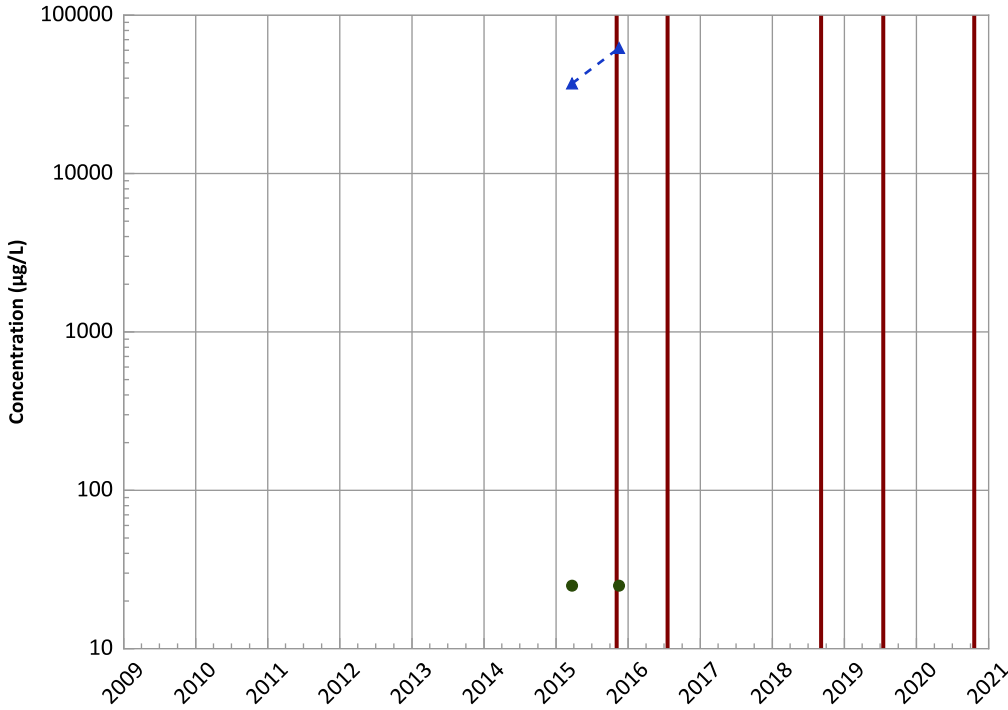


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Magnesium Trend

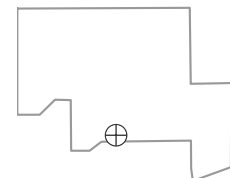


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

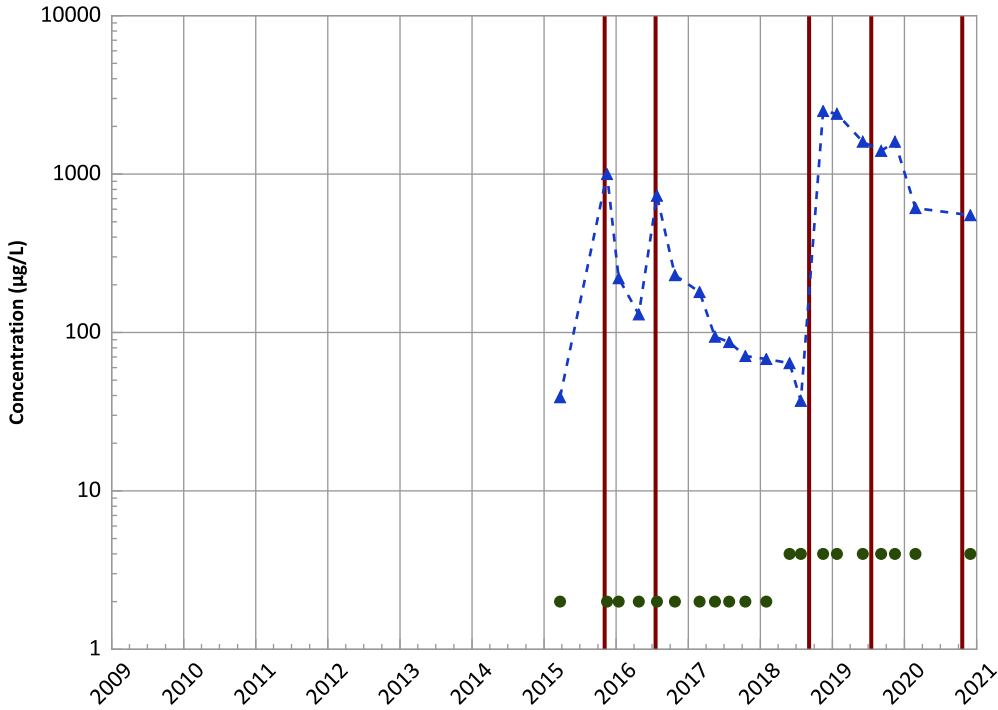


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

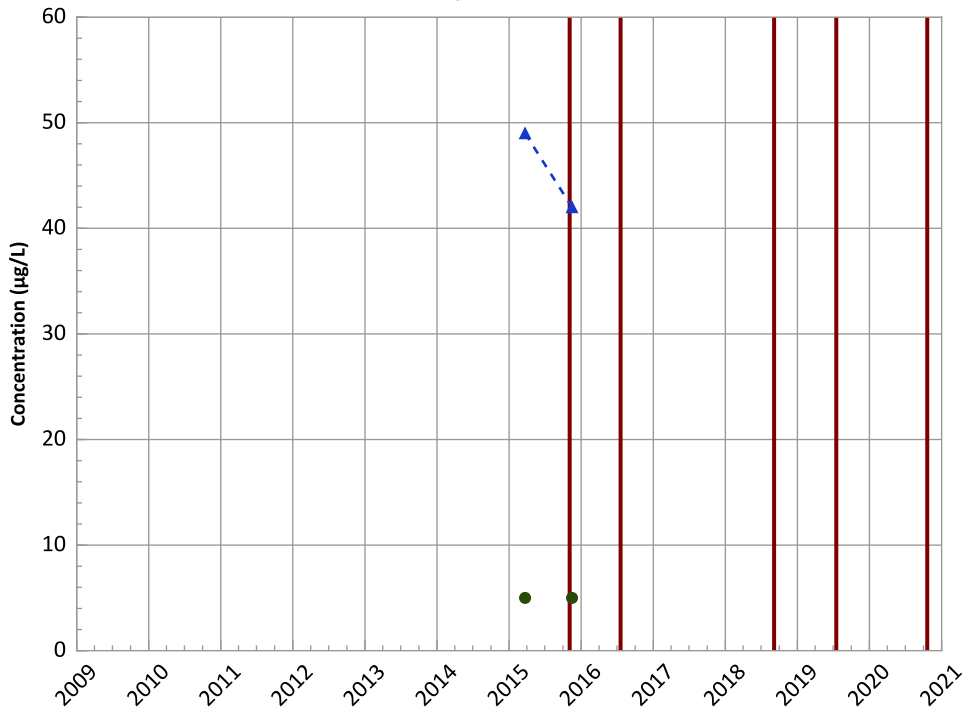
Data (7/2009 - 12/2020):

Increasing' 'Increasing

2018 - 2020 Data:

Stable' 'Stable

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

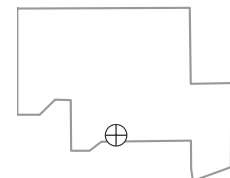
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

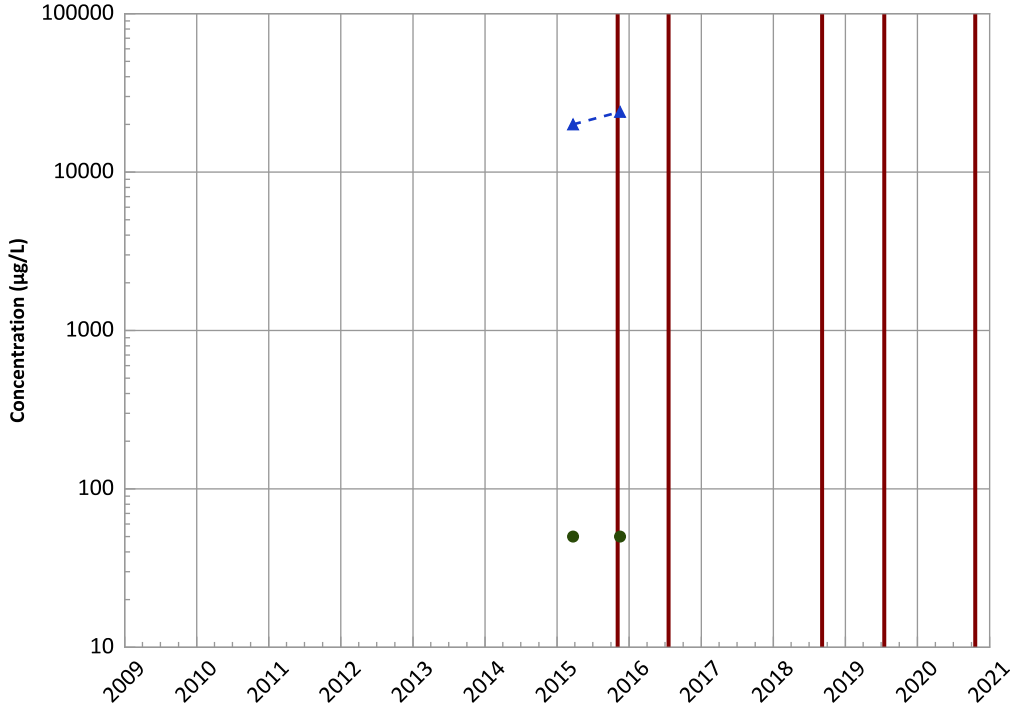


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

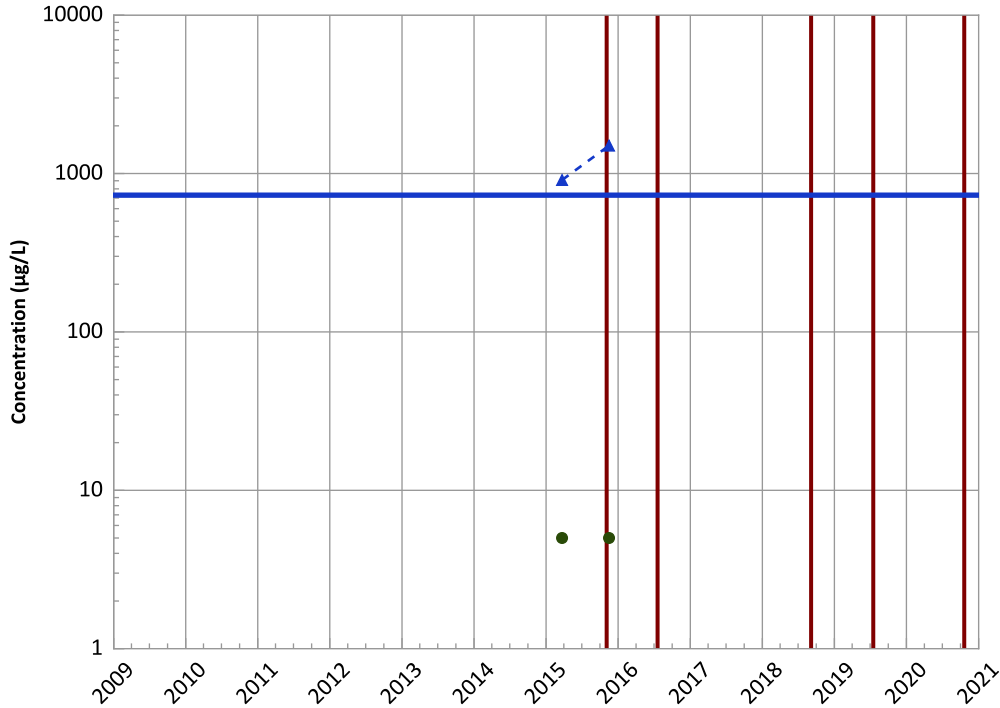
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

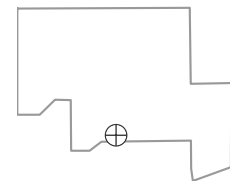
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

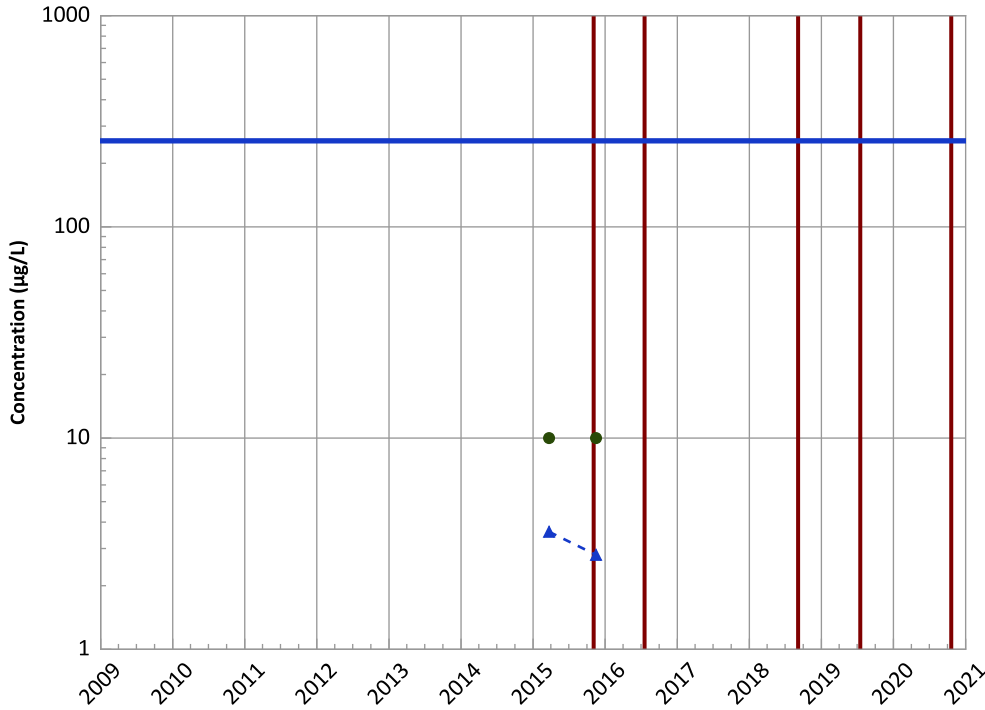


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant**

Vanadium Trend

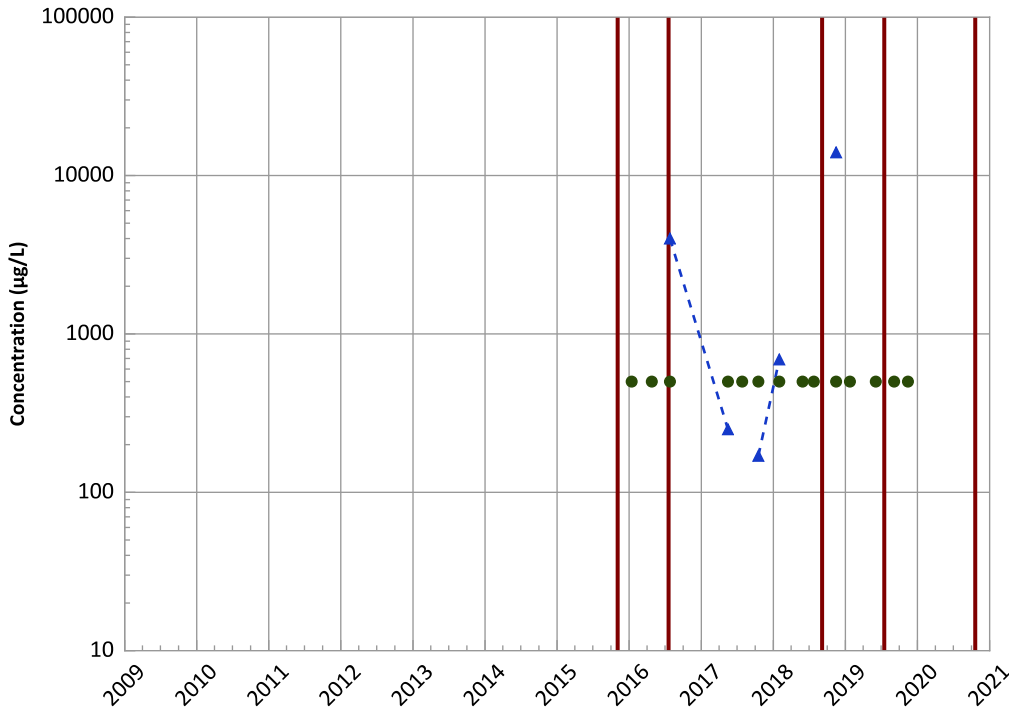


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Ferrous Iron Trend

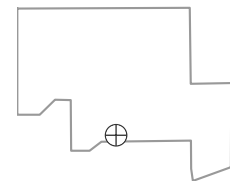


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

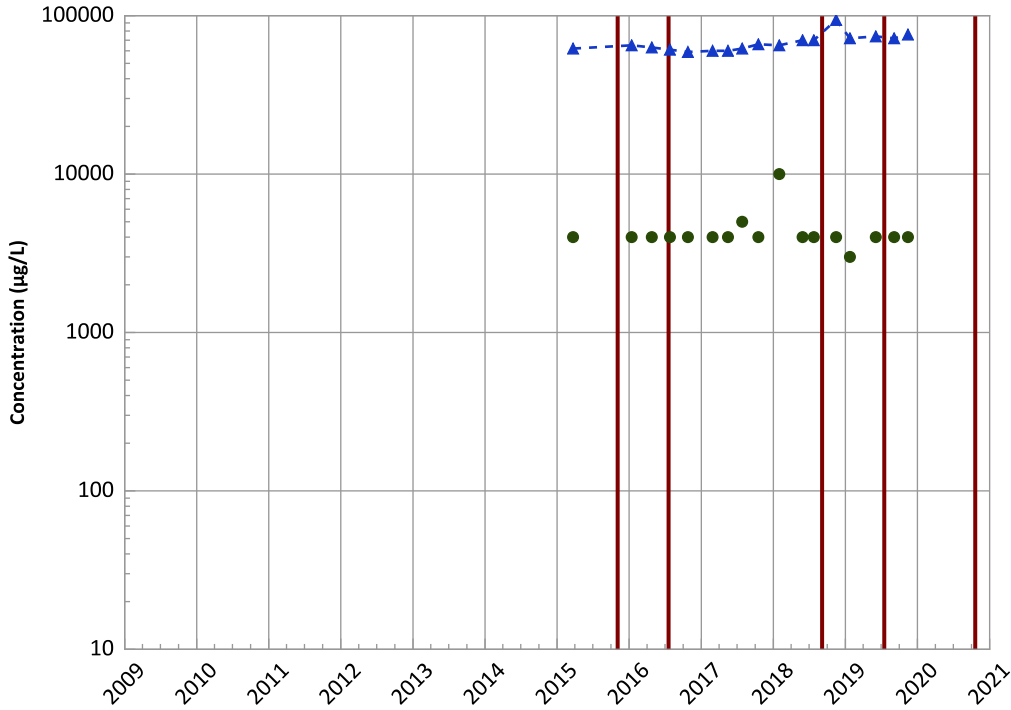


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

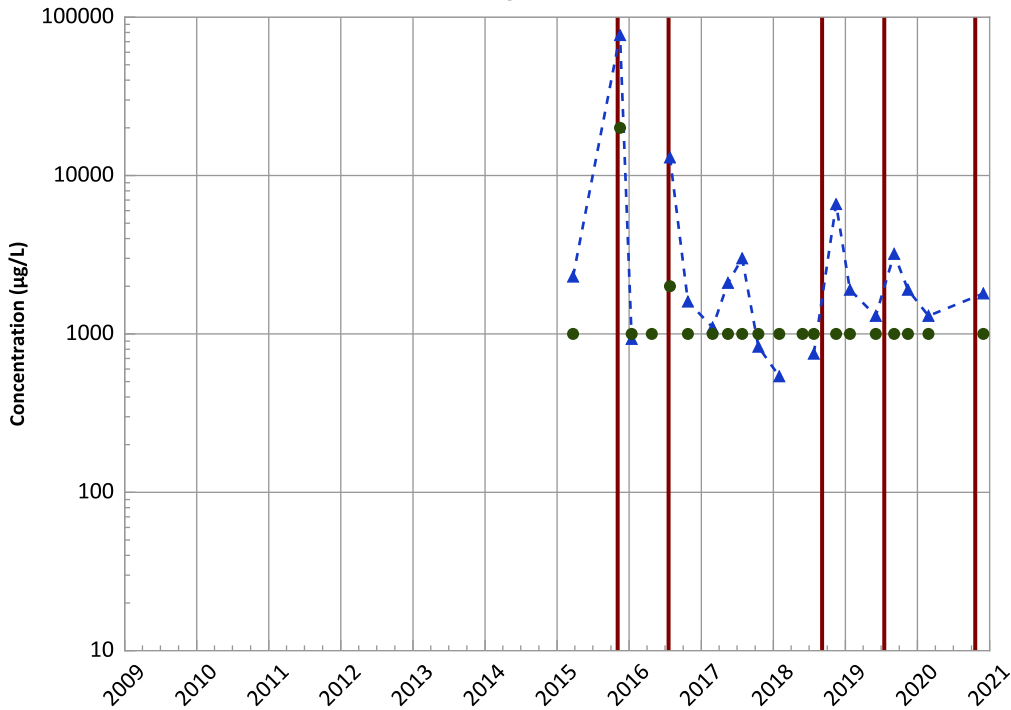


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Total Organic Carbon Trend

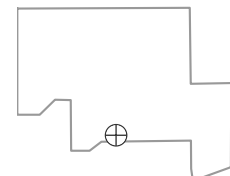


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

Well Location

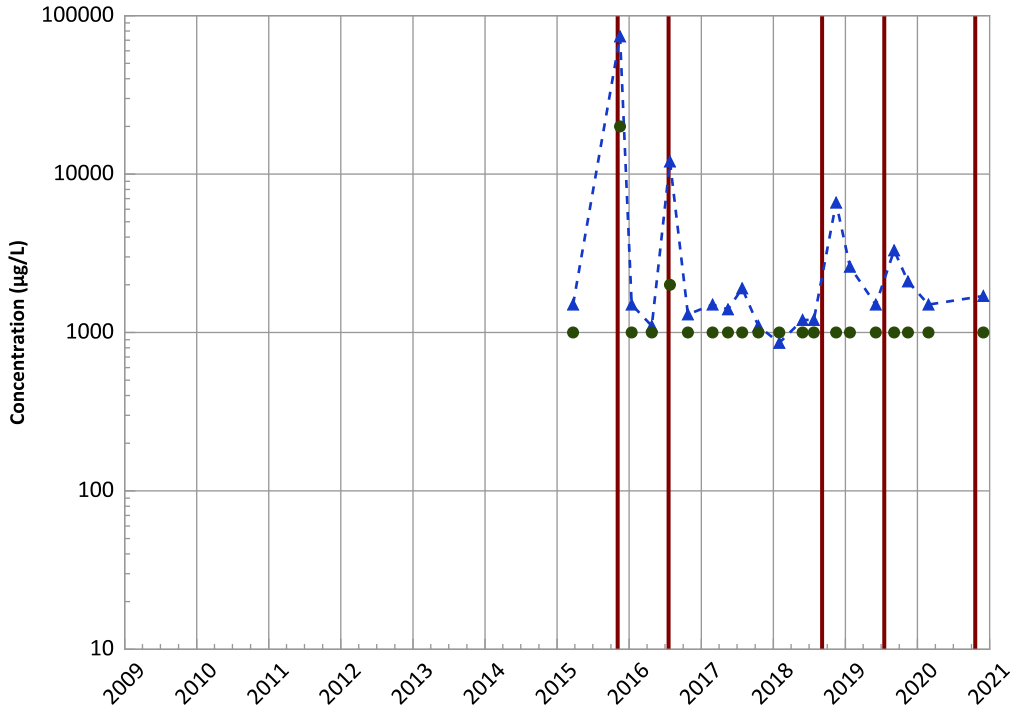


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ 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

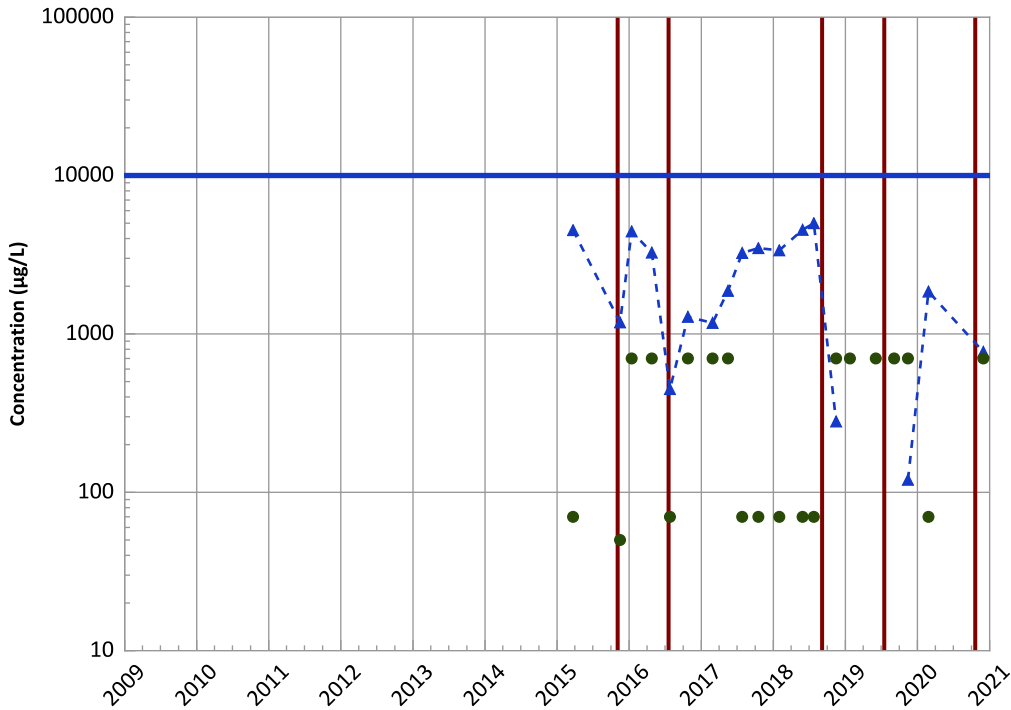


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Decreasing

Nitrate as N Trend

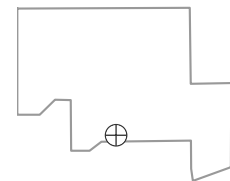


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
No Trend

Well Location

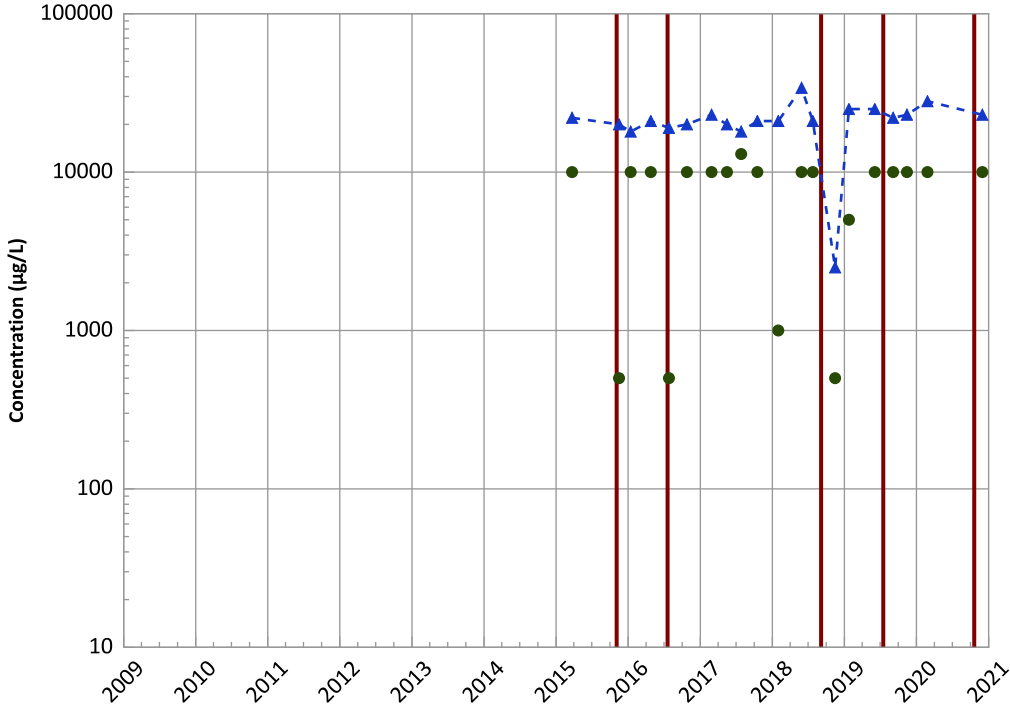


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

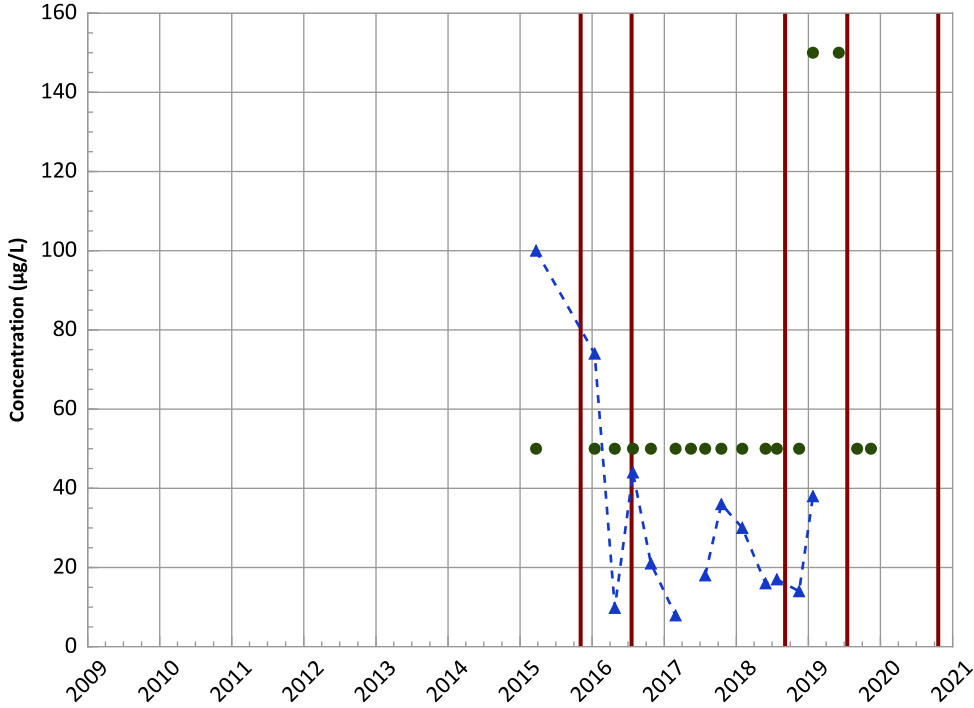
Data (7/2009 - 12/2020):

No Trend

2018 - 2020 Data:

No Trend

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

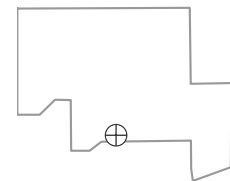
Data (7/2009 - 12/2020):

Probably Decreasing

2018 - 2020 Data:

No Trend

Well Location

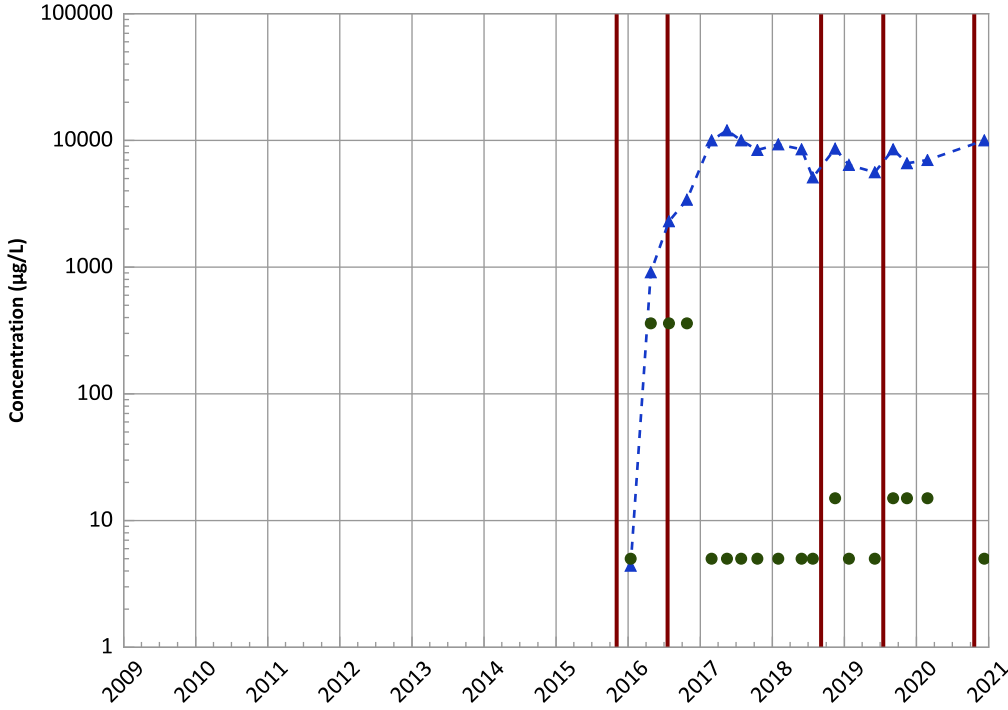


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend

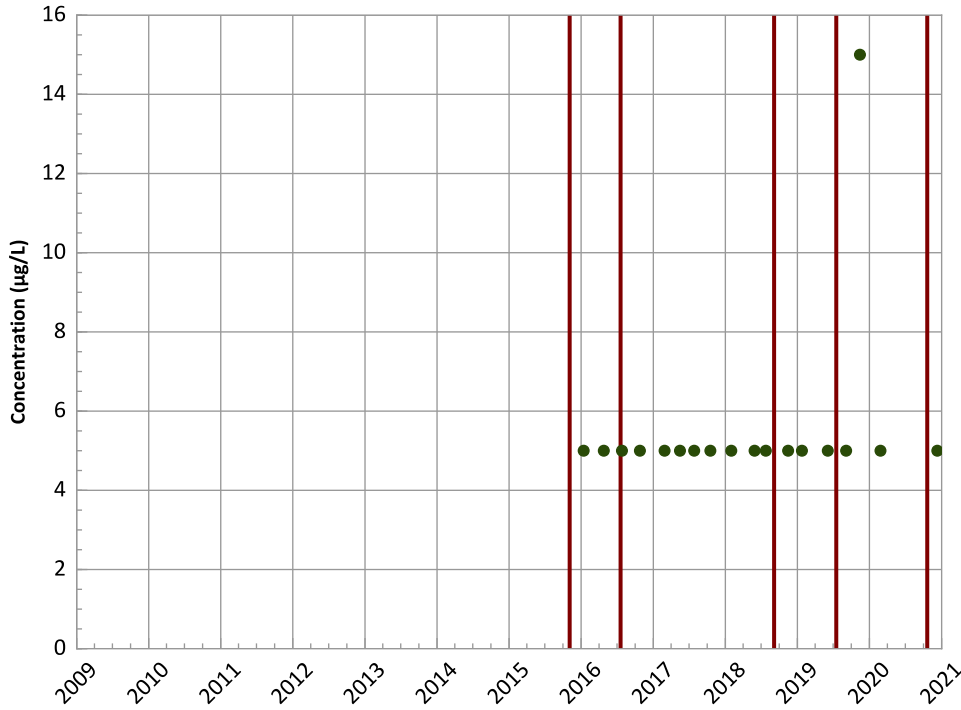
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Increasing

2018 - 2020 Data:
No Trend

Ethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect

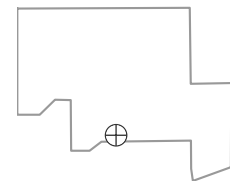
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
All Non-Detect

2018 - 2020 Data:
All Non-Detect

Well Location

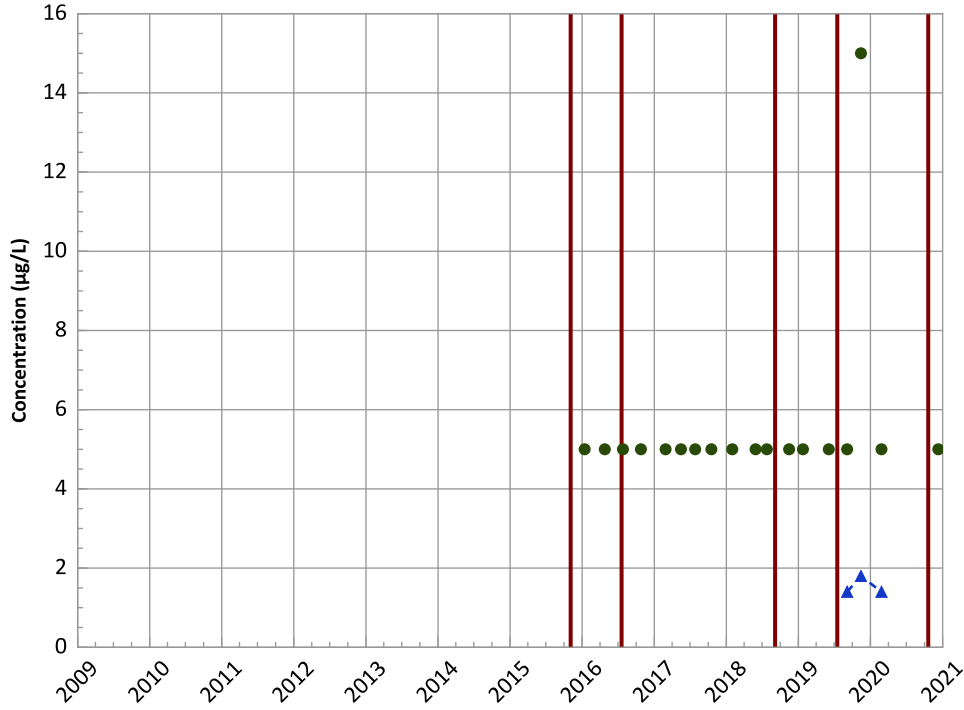


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/23/2015 to 12/10/2020
Analysis Date: 06/03/2021

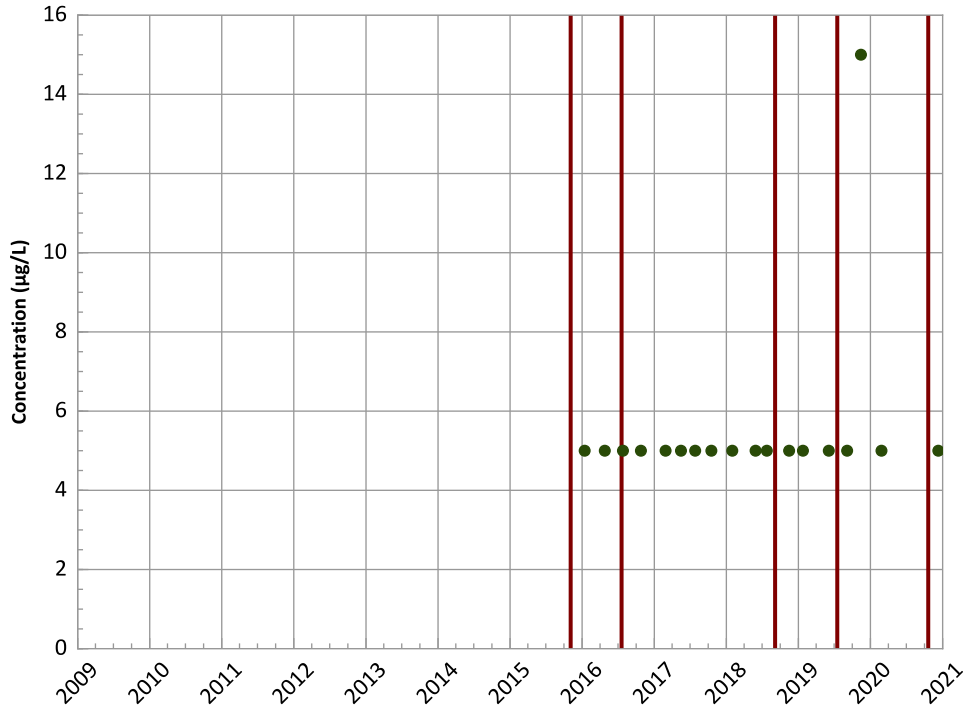
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

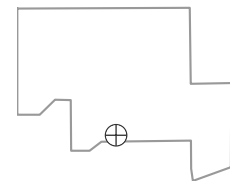
Ethene (Ethylene) Trend



Trend



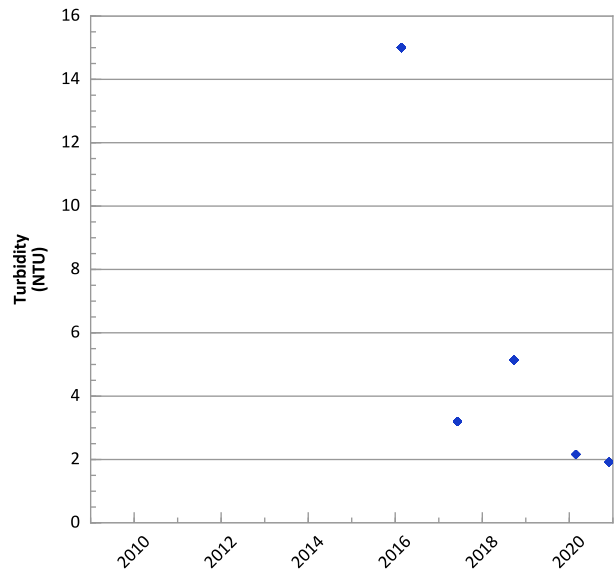
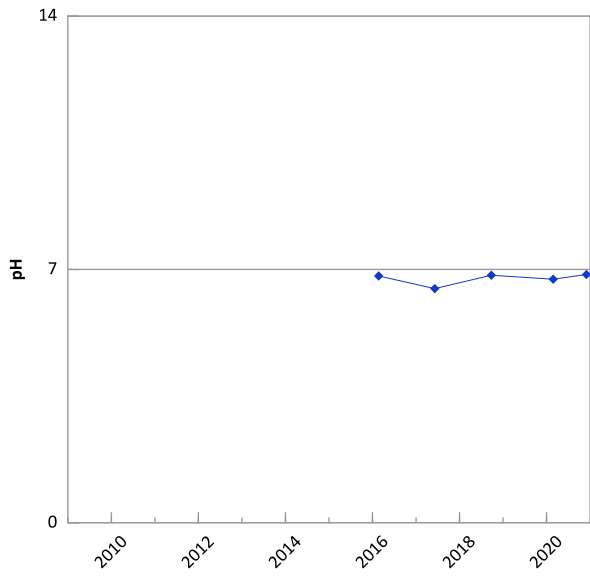
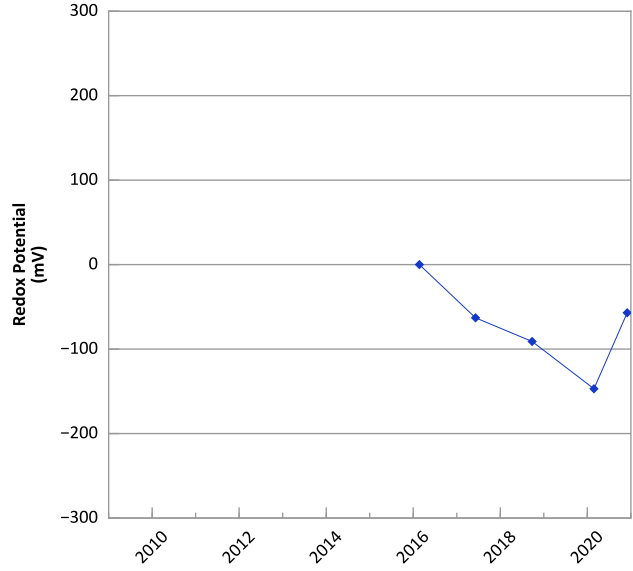
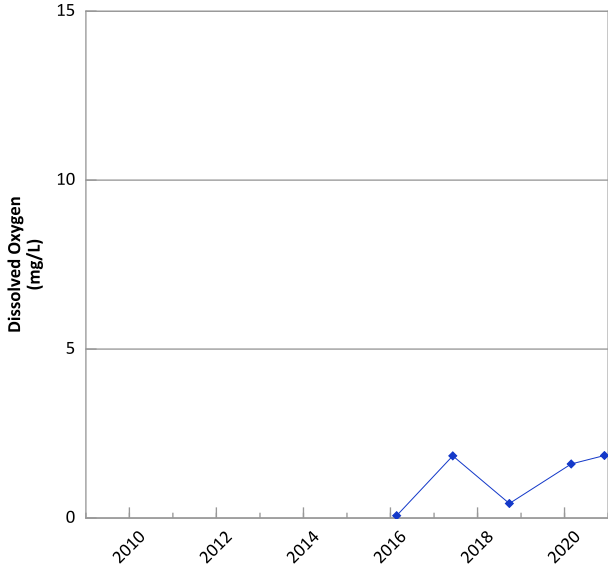
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/23/2015 to 12/10/2020
 Analysis Date: 06/03/2021

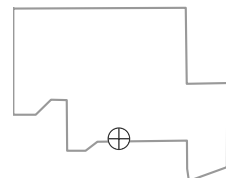
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



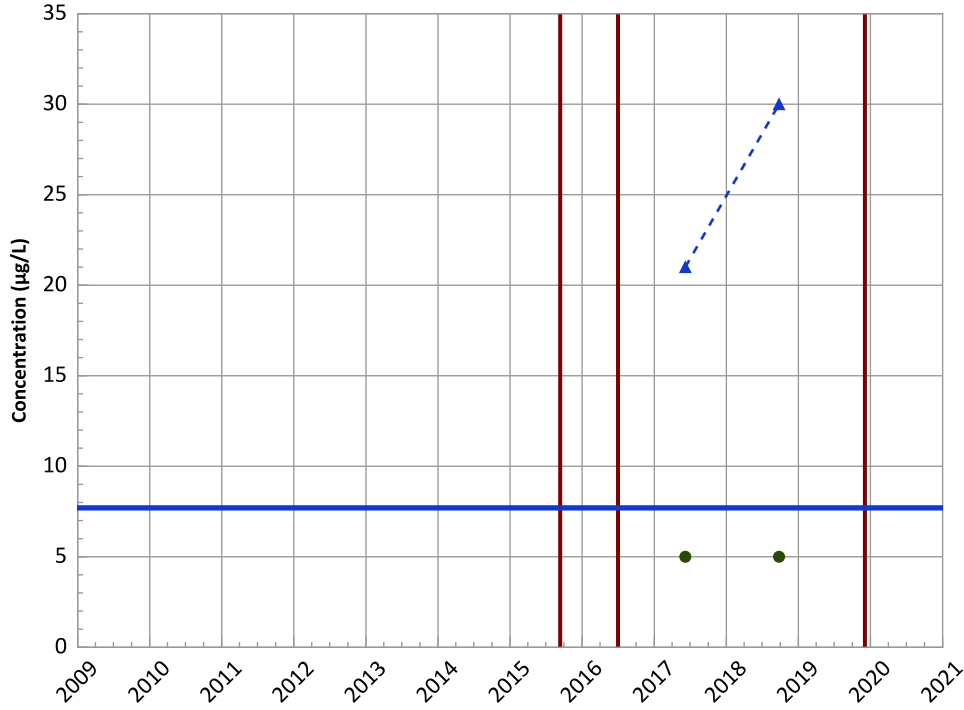
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 02/22/2016 to 12/01/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

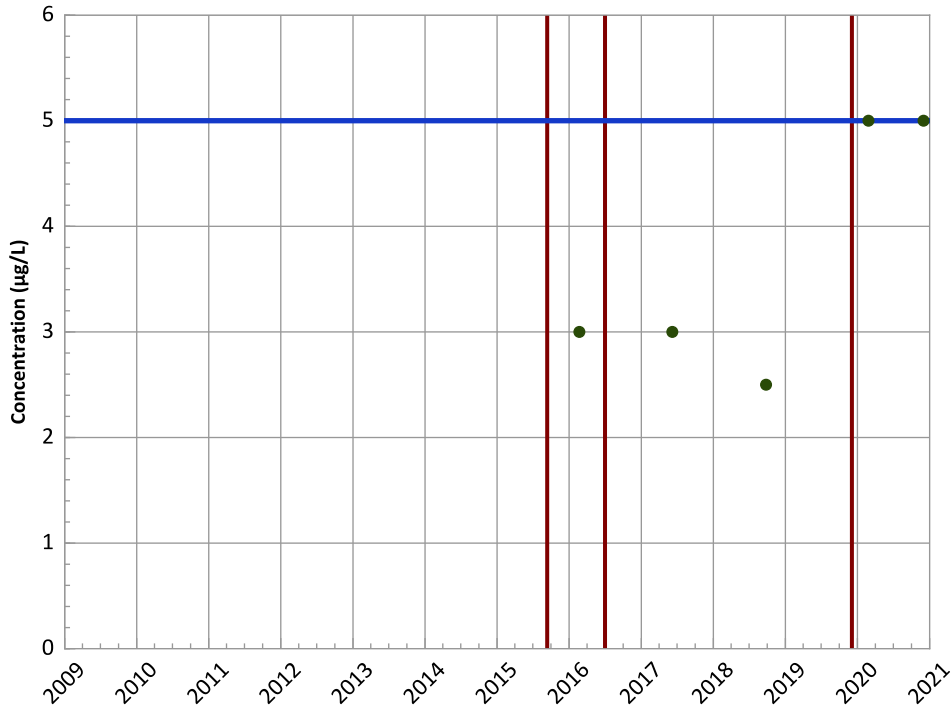


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend

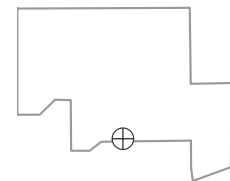


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

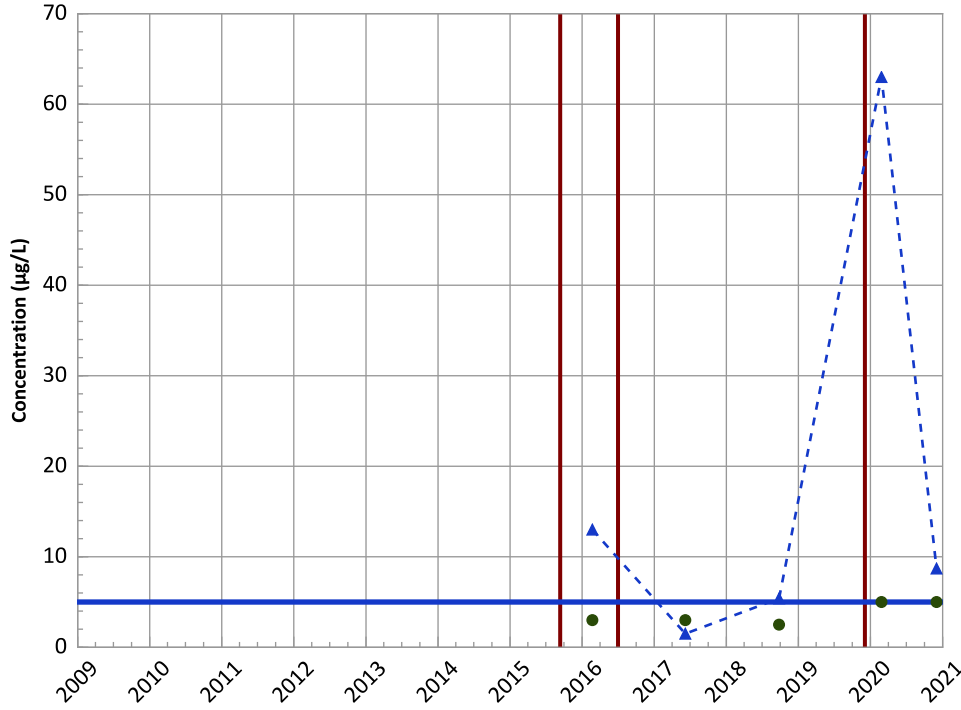


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

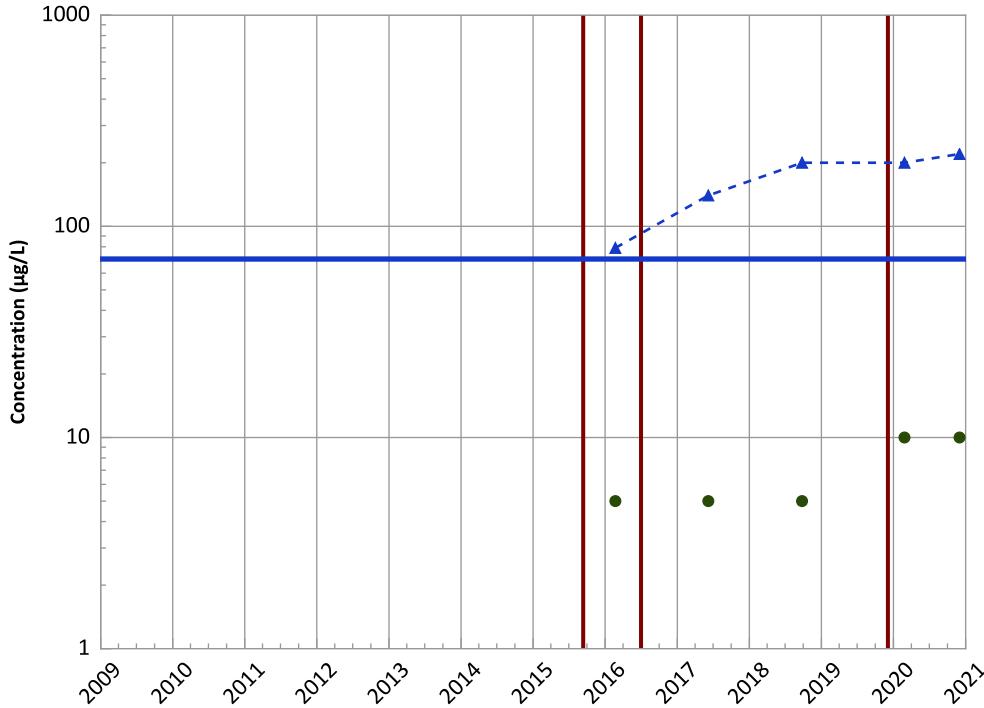


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

cis-1,2-Dichloroethene Trend

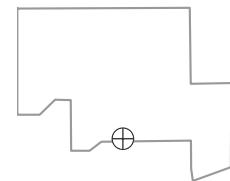


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Probably Increasing

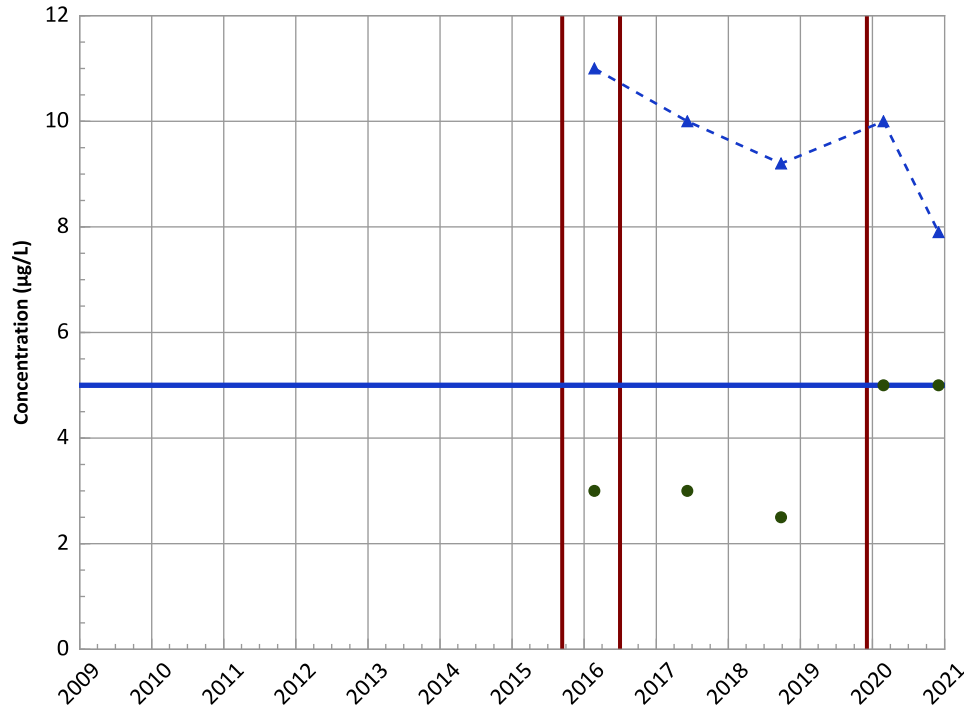
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

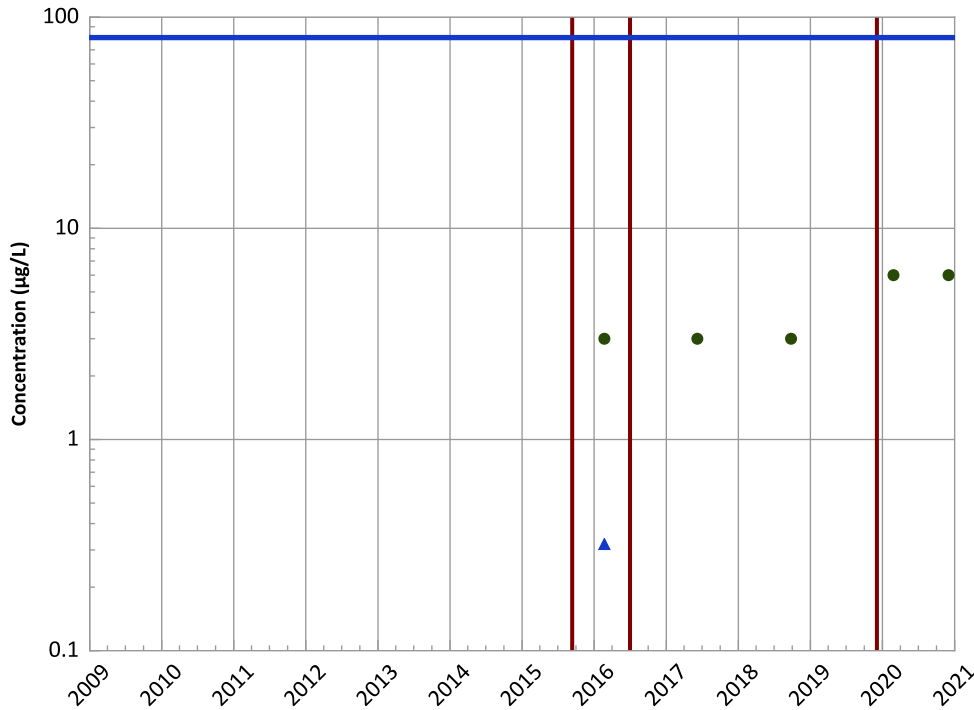


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
Stable

Chloroform Trend

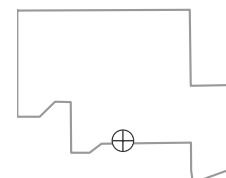


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

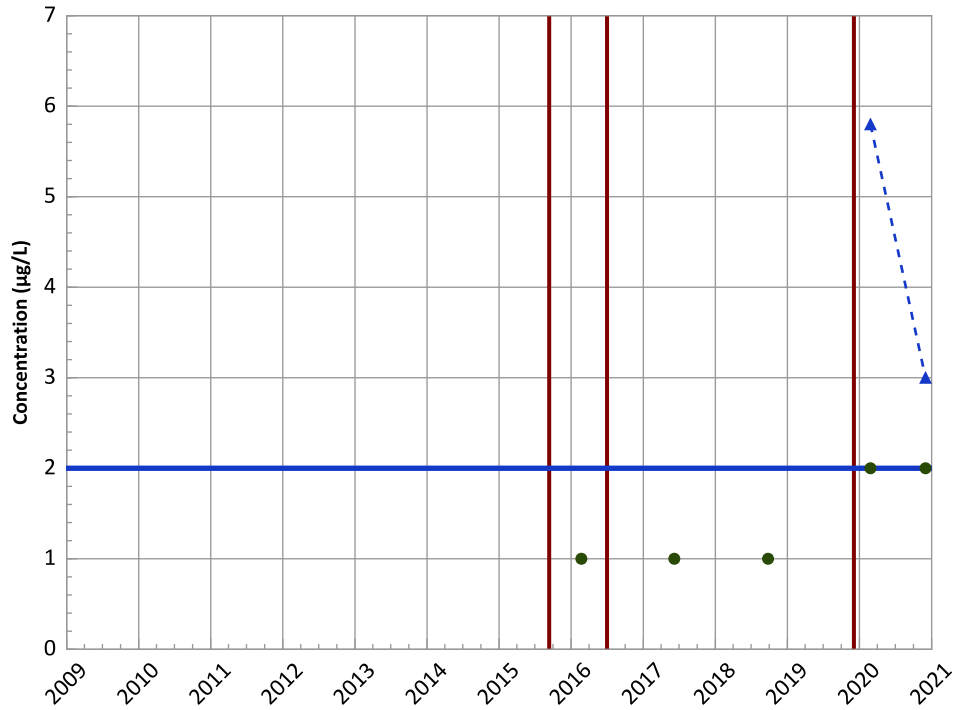
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

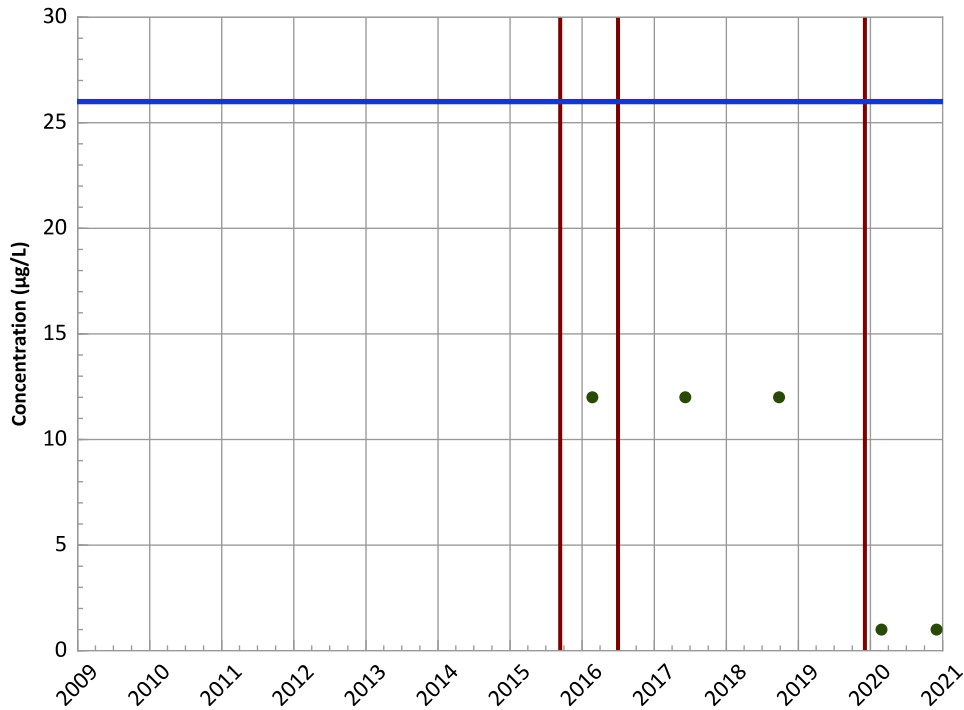


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend

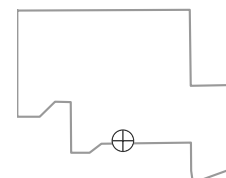


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

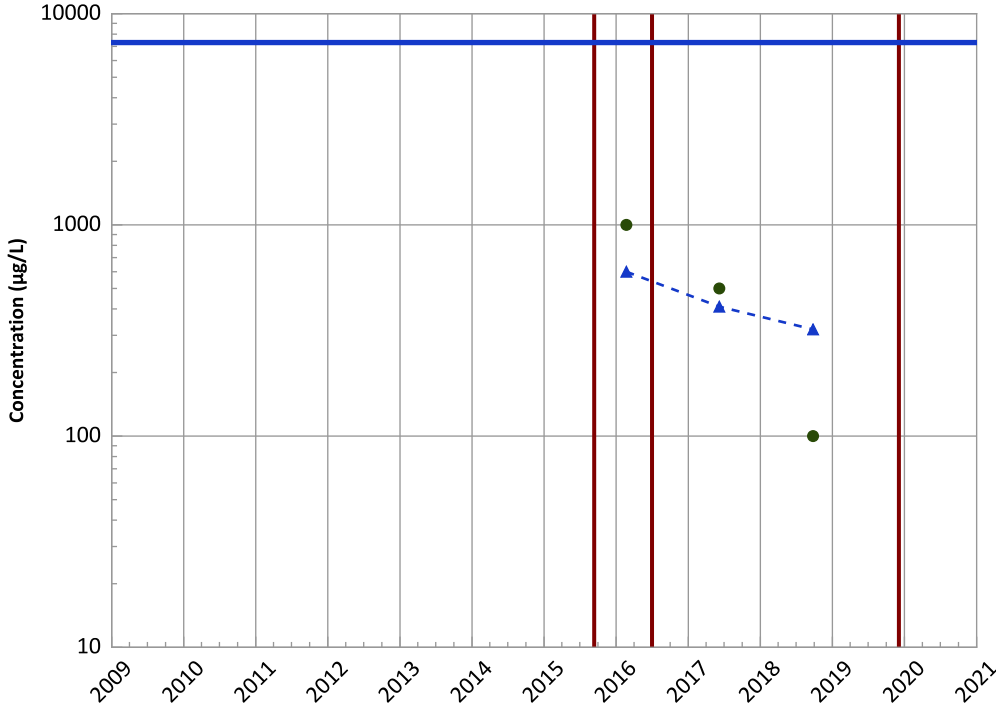


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

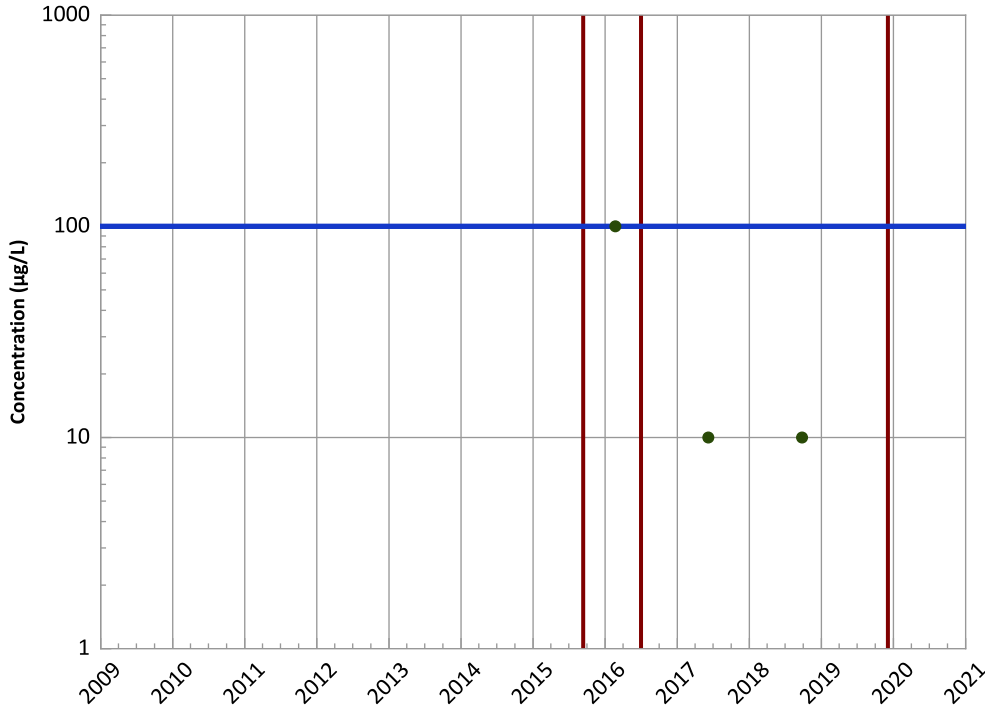
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

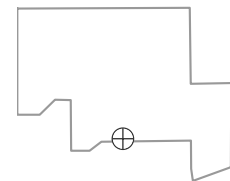
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect' 'All Non-Detect

Well Location

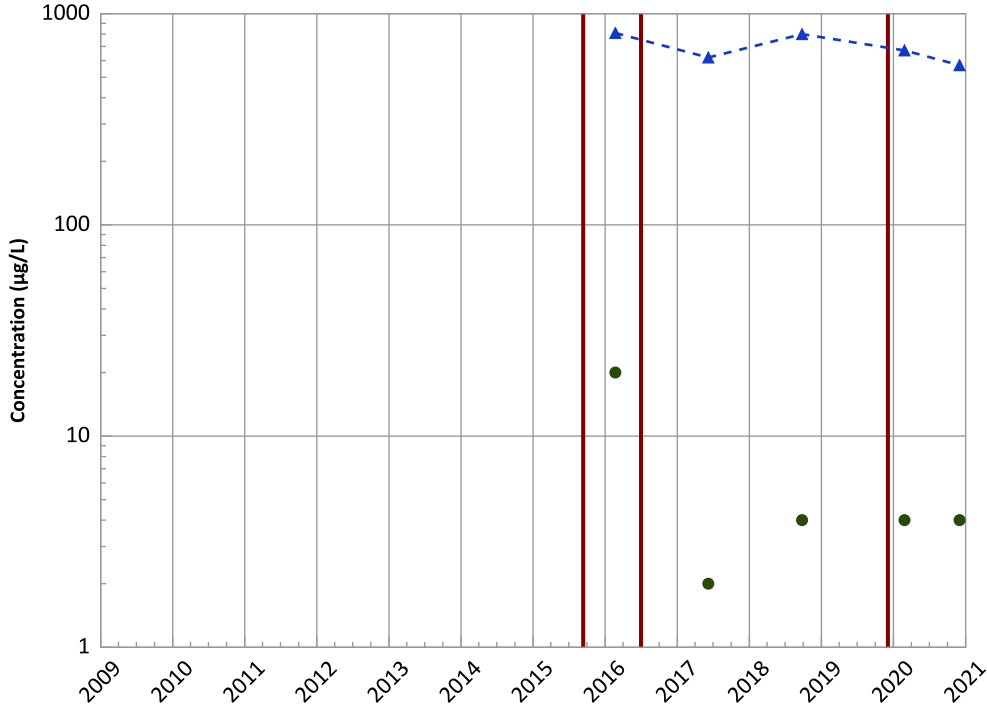


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing 'Decreasing

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

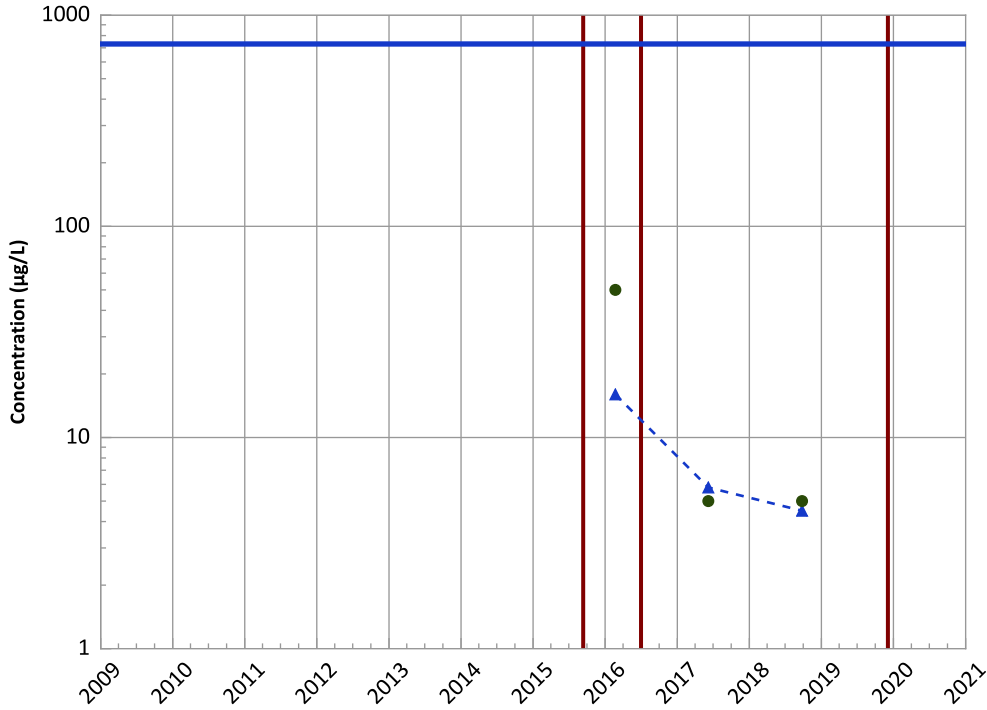
Data (7/2009 - 12/2020):

Stable' 'Stable

2018 - 2020 Data:

Stable' 'Stable

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

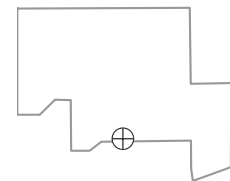
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

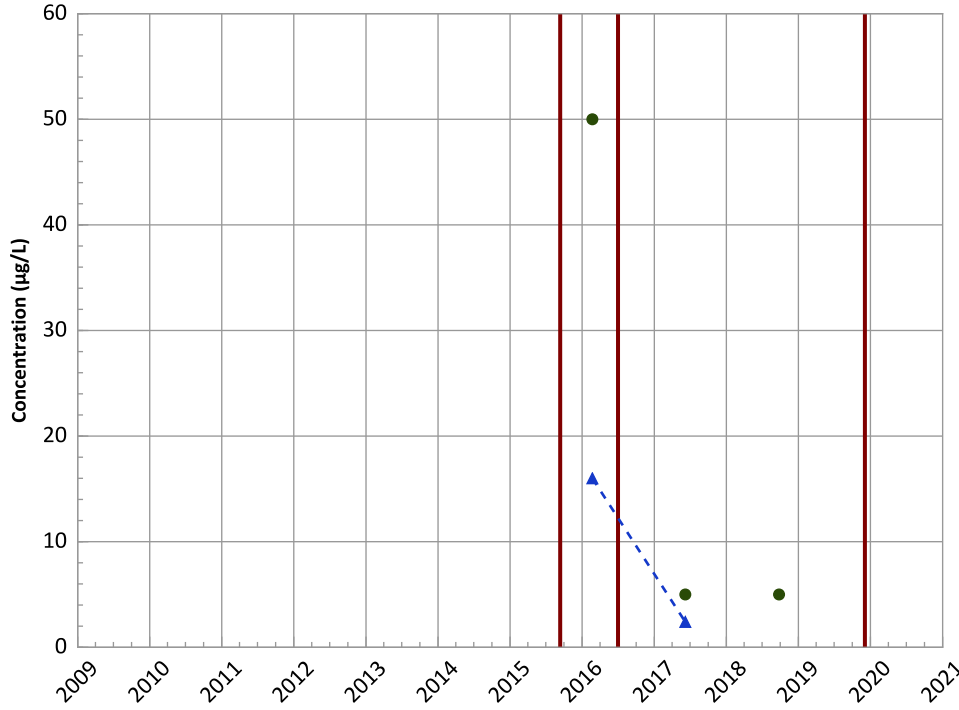


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

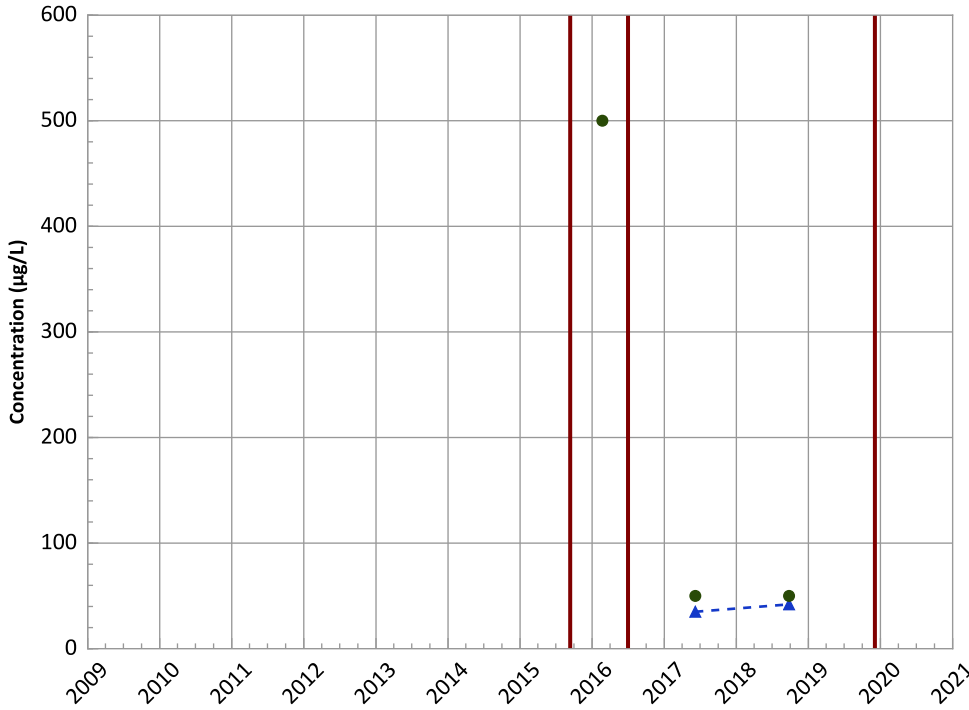
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Aluminum Trend



Concentration Trend

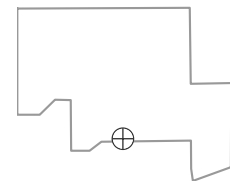
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

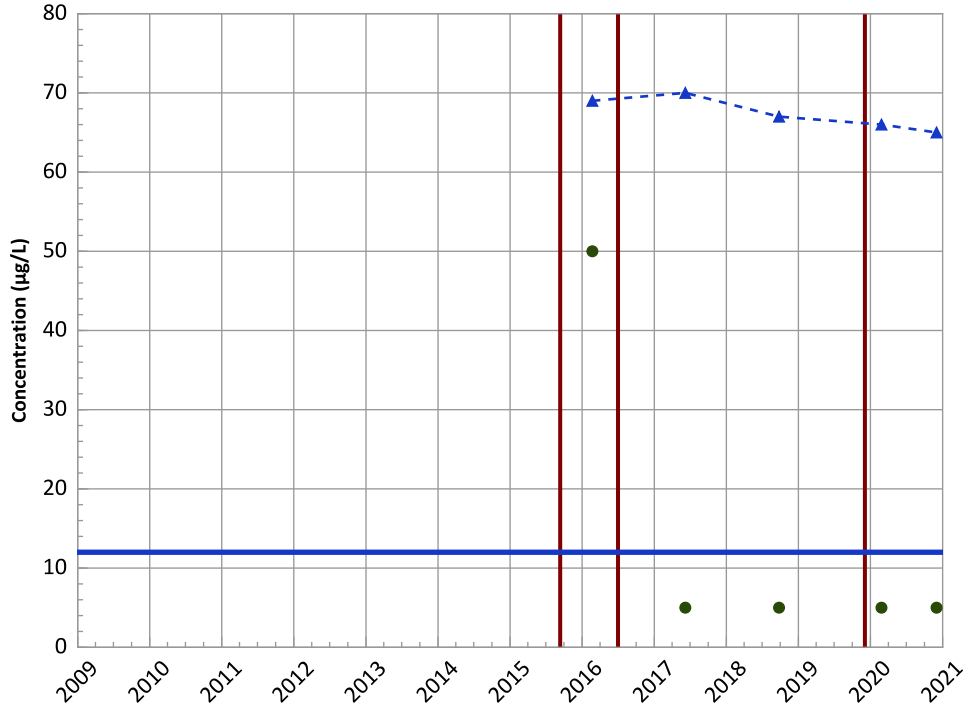


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

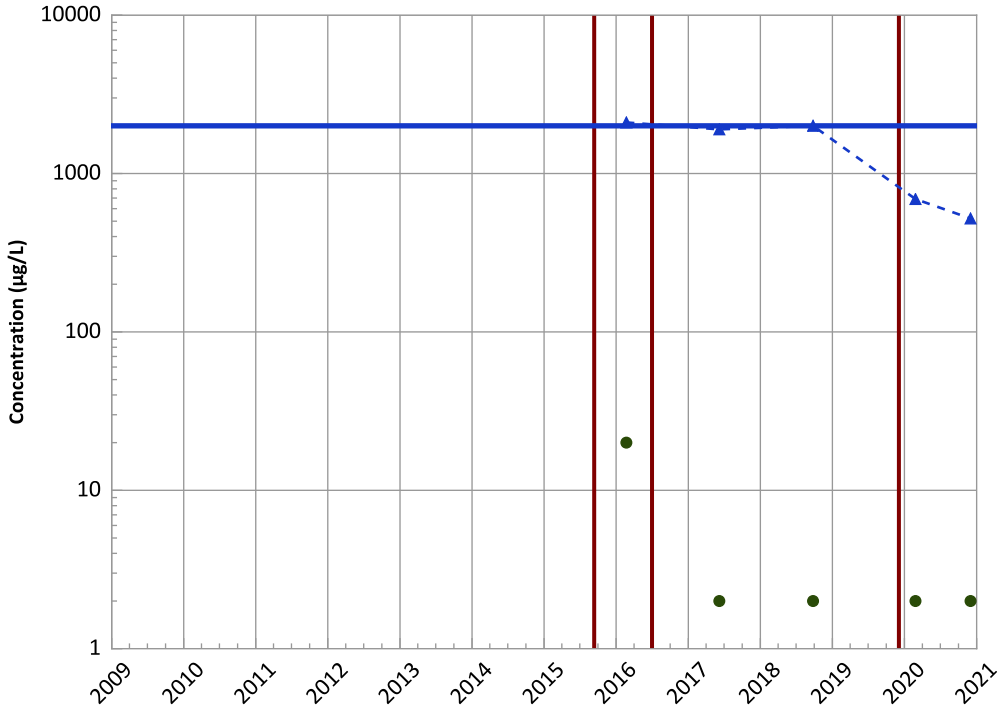


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

Barium Trend

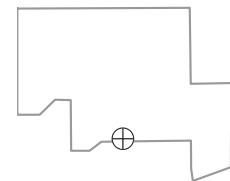


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

Well Location

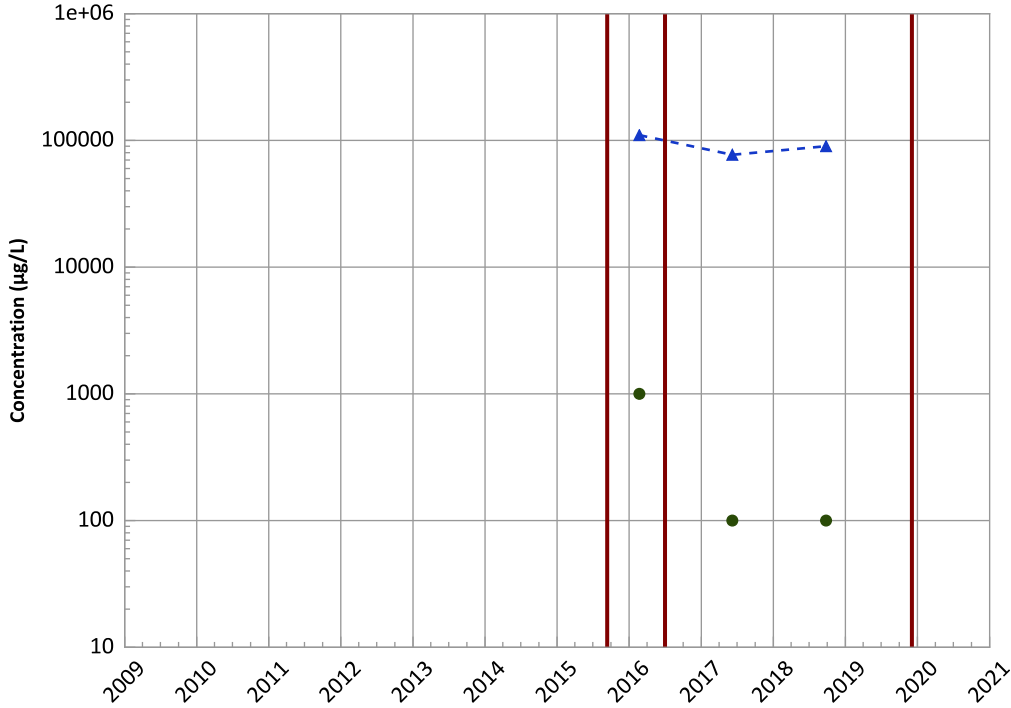


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

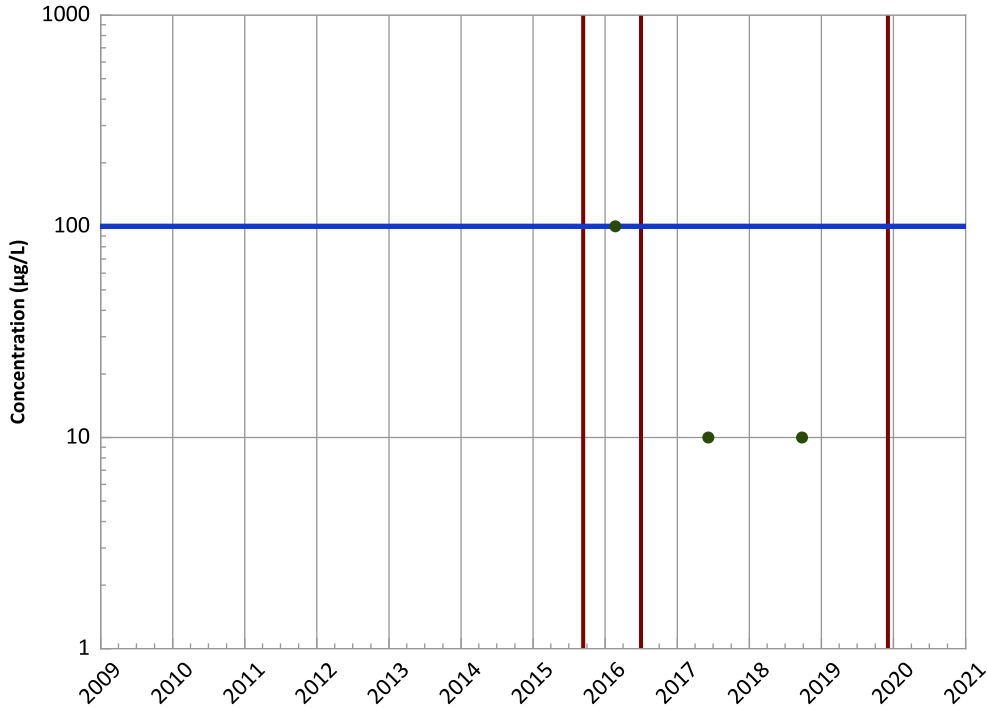
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

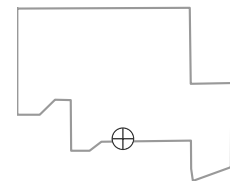
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect' 'All Non-Detect

Well Location

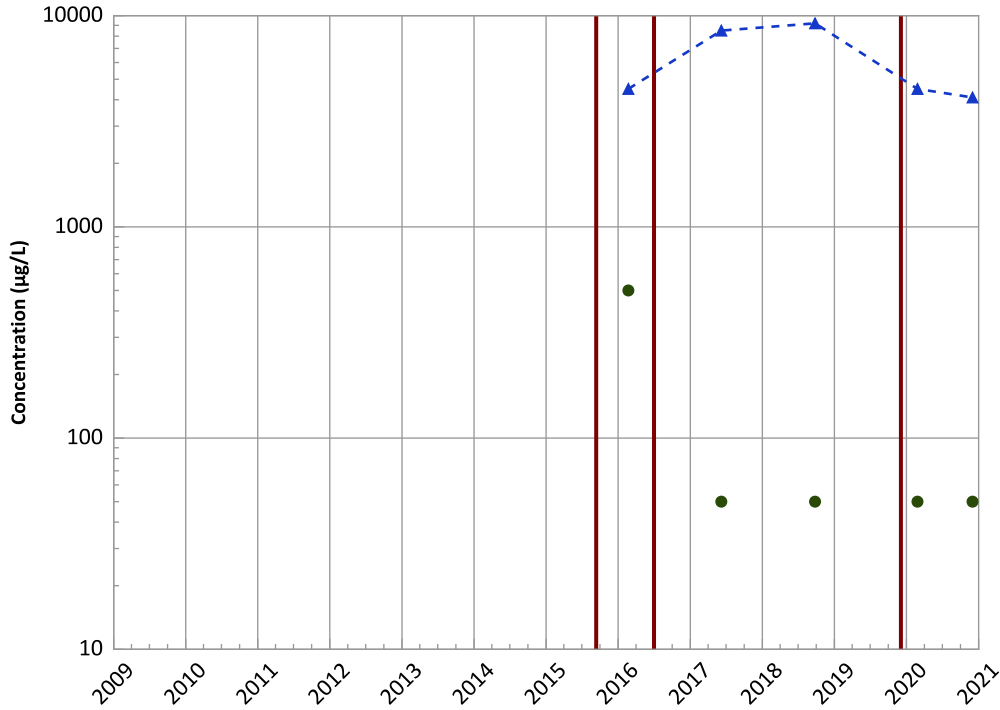


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

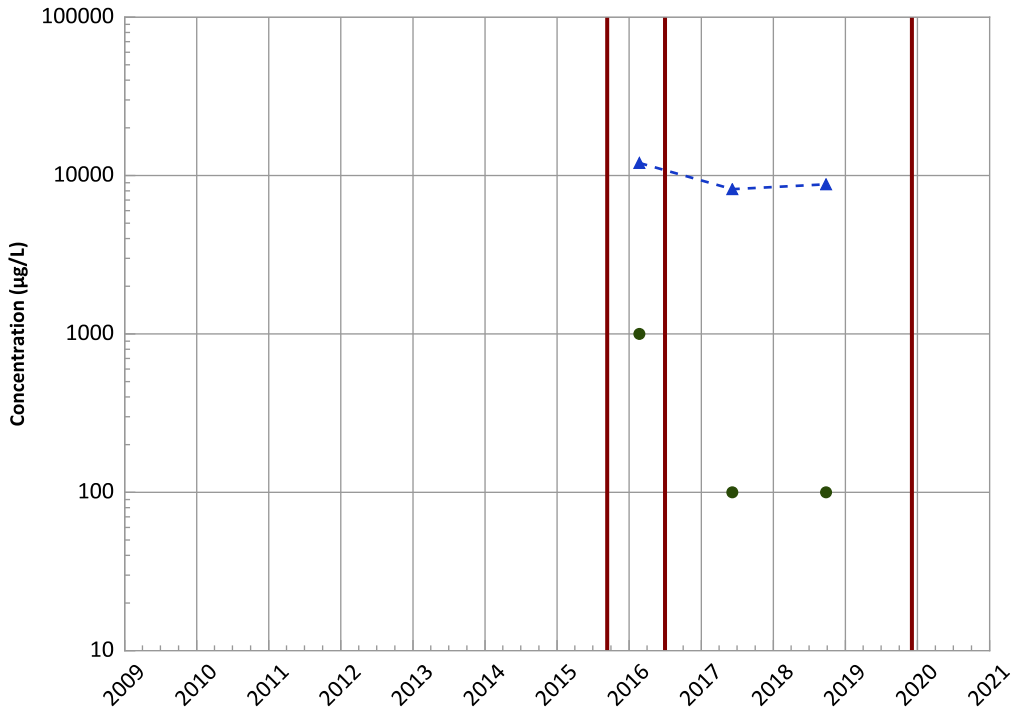


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
Probably Decreasing

Potassium Trend

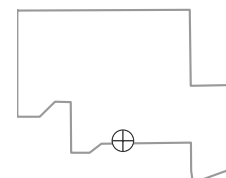


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

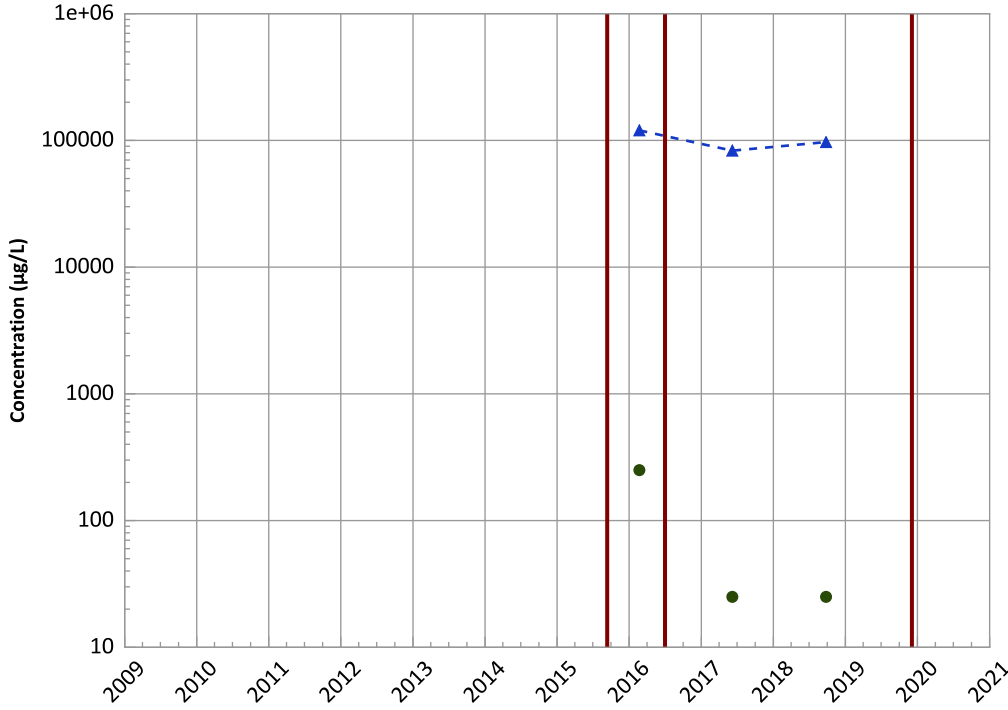


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

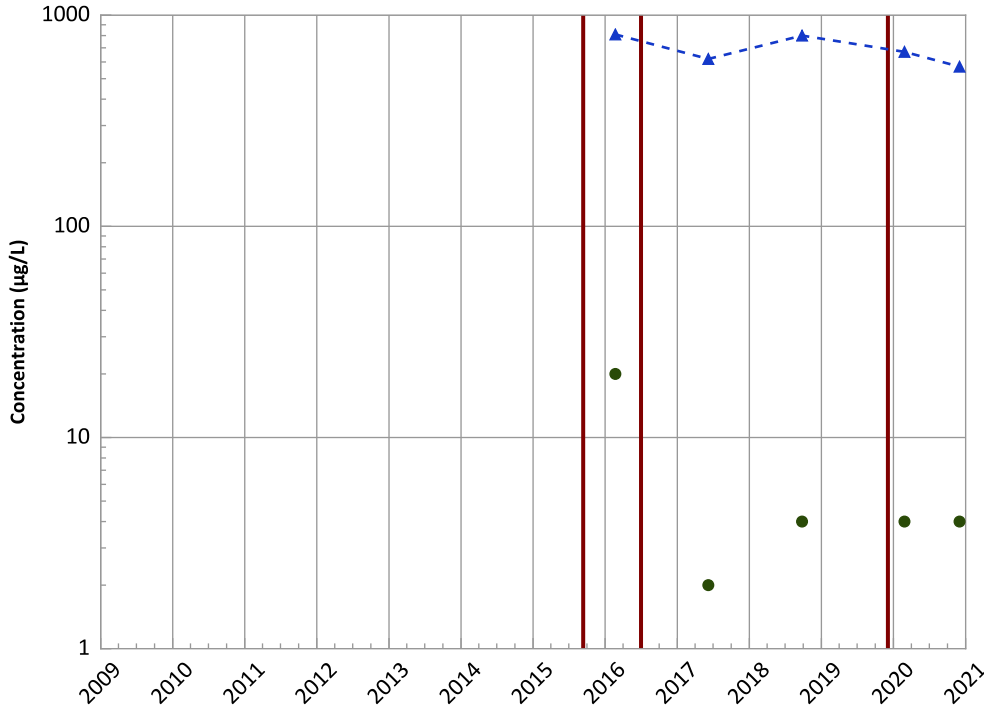
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

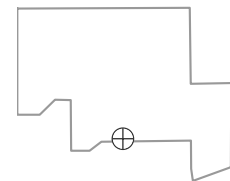
Data (7/2009 - 12/2020):

Stable' 'Stable

2018 - 2020 Data:

Stable' 'Stable

Well Location

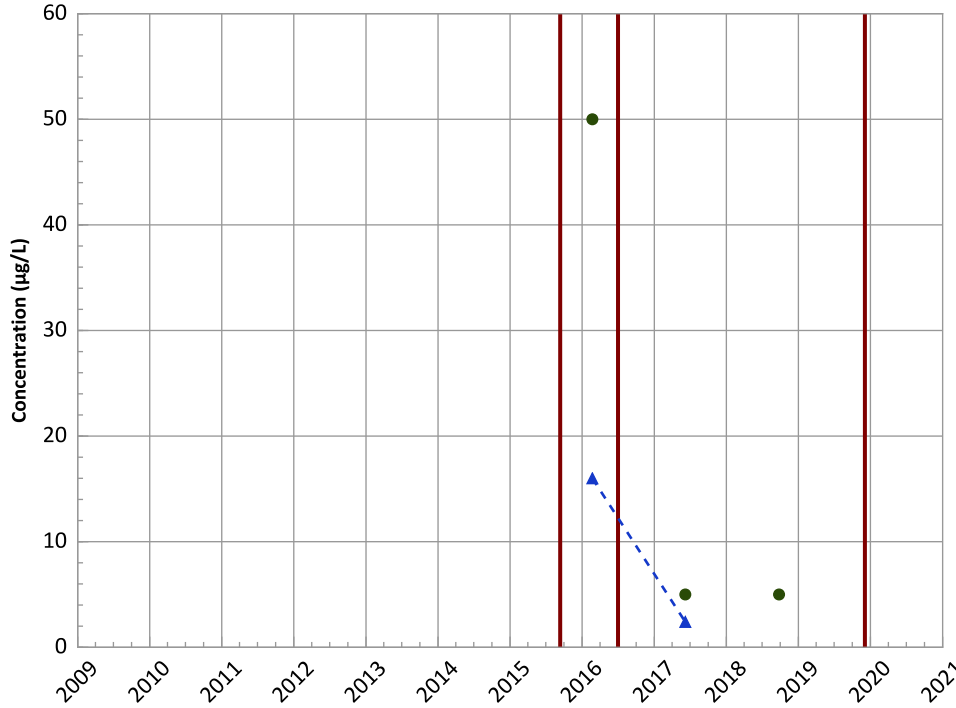


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

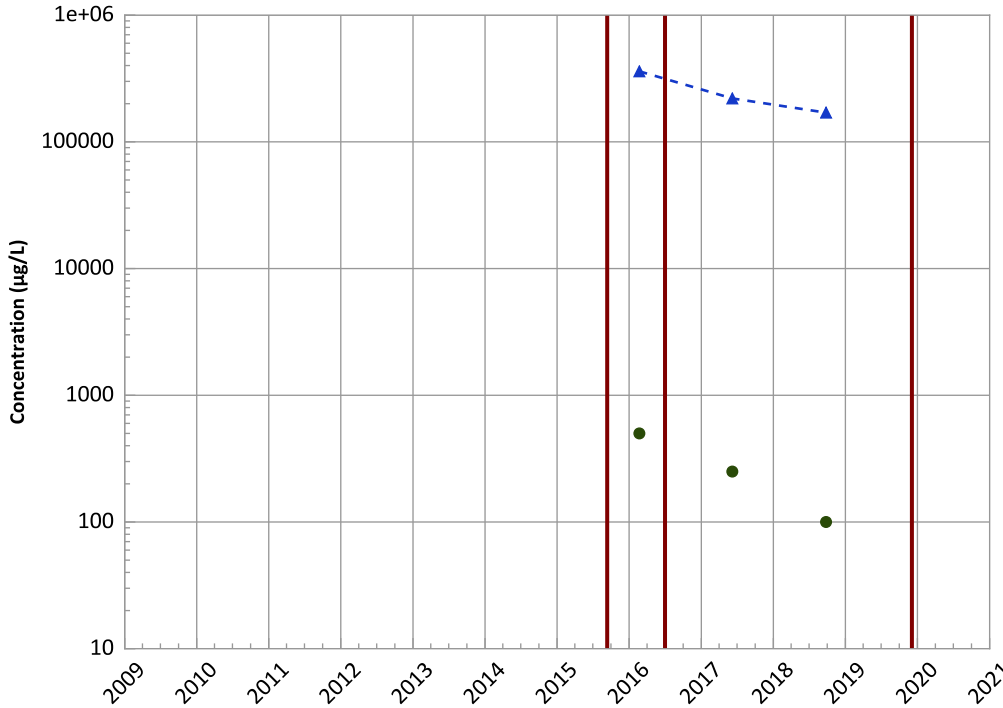
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Sodium Trend



Concentration Trend

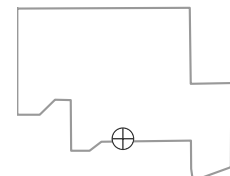
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

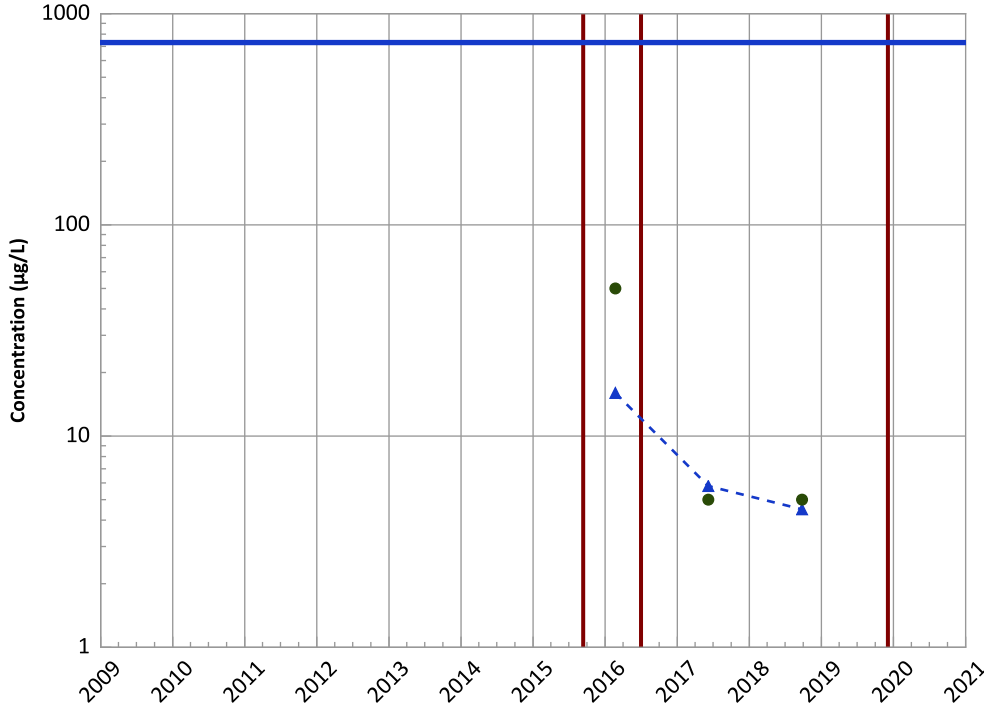


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

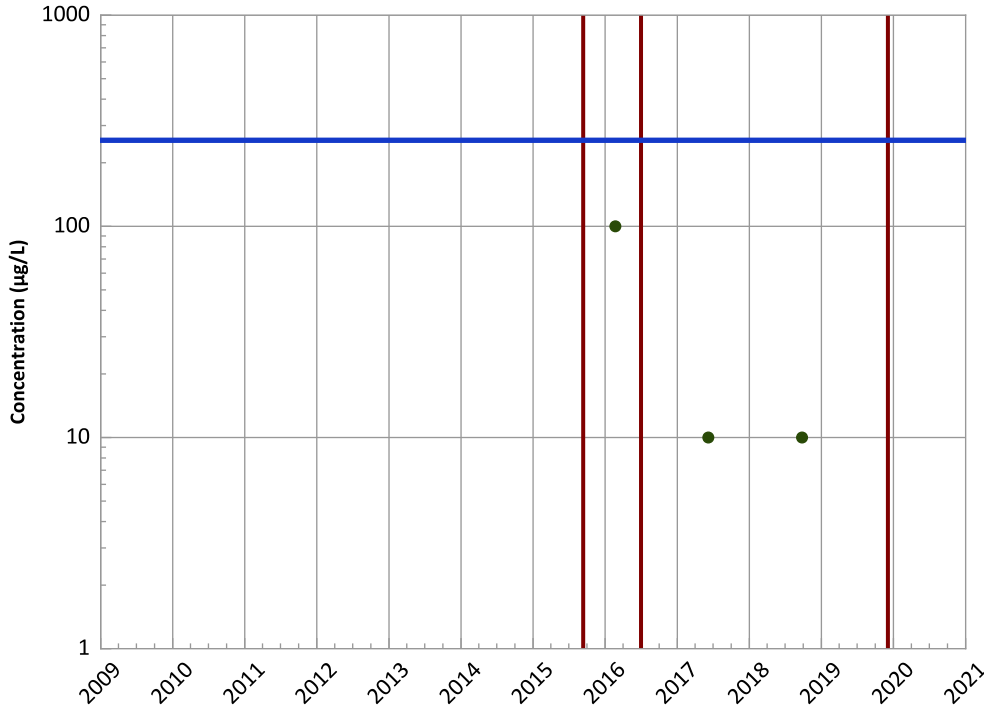
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

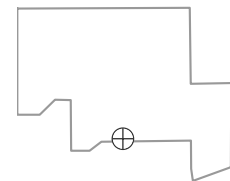
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

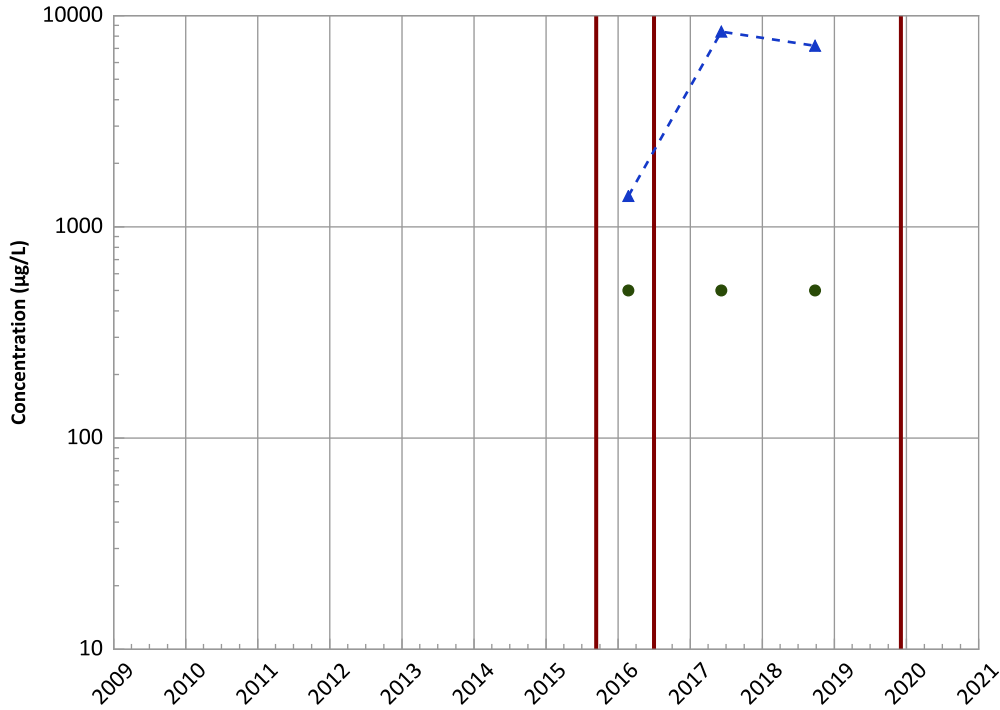


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

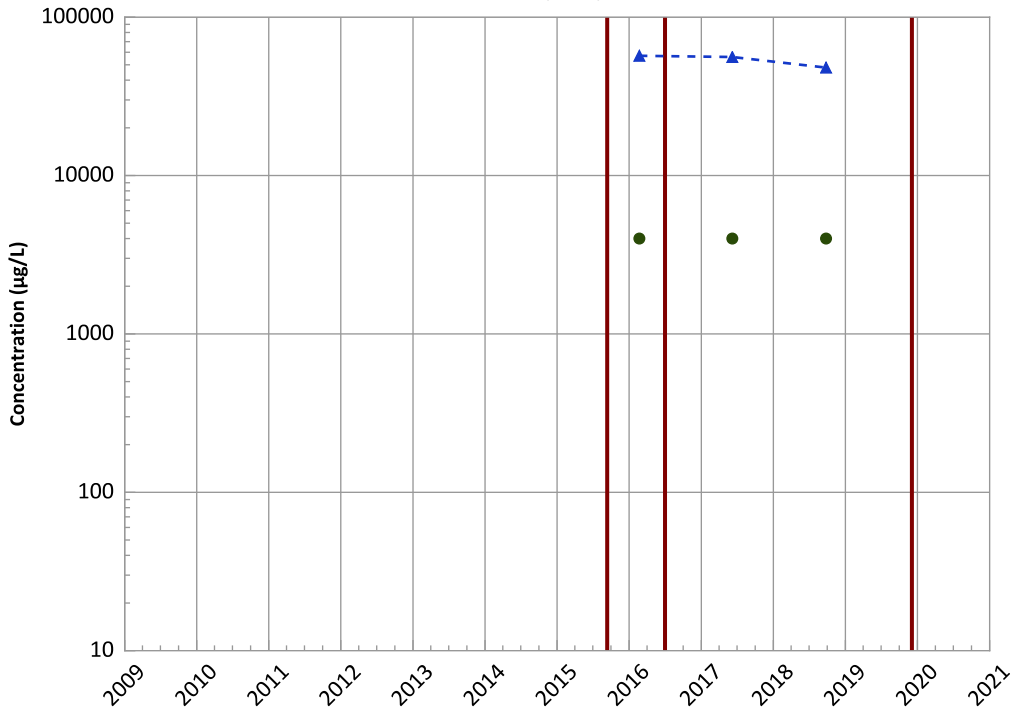
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Chloride (as Cl) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

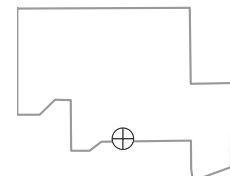
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

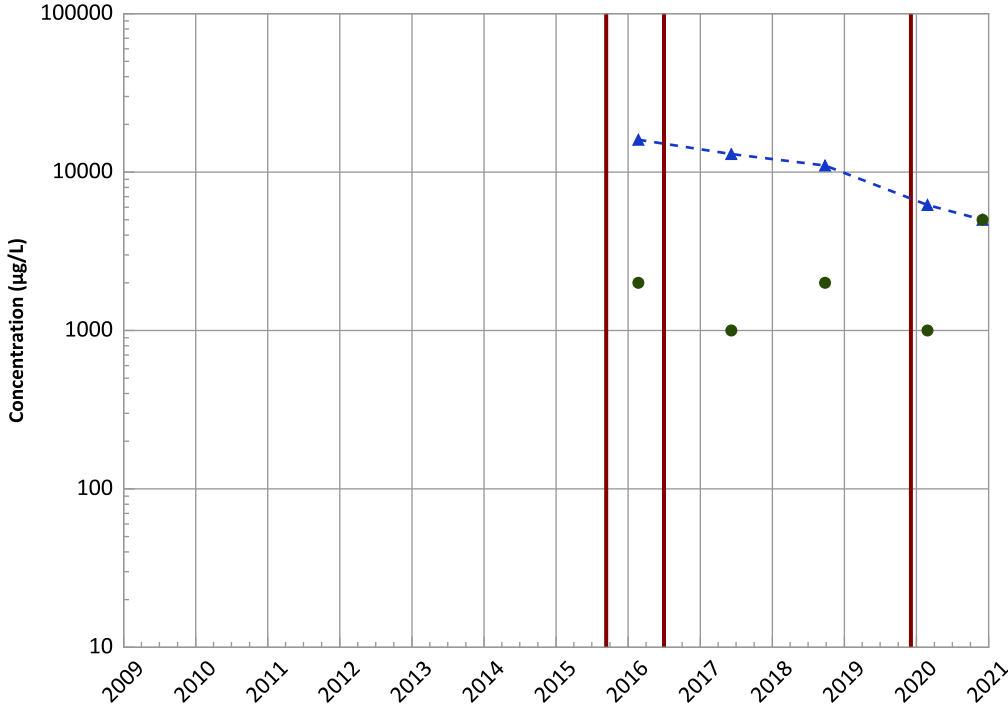


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

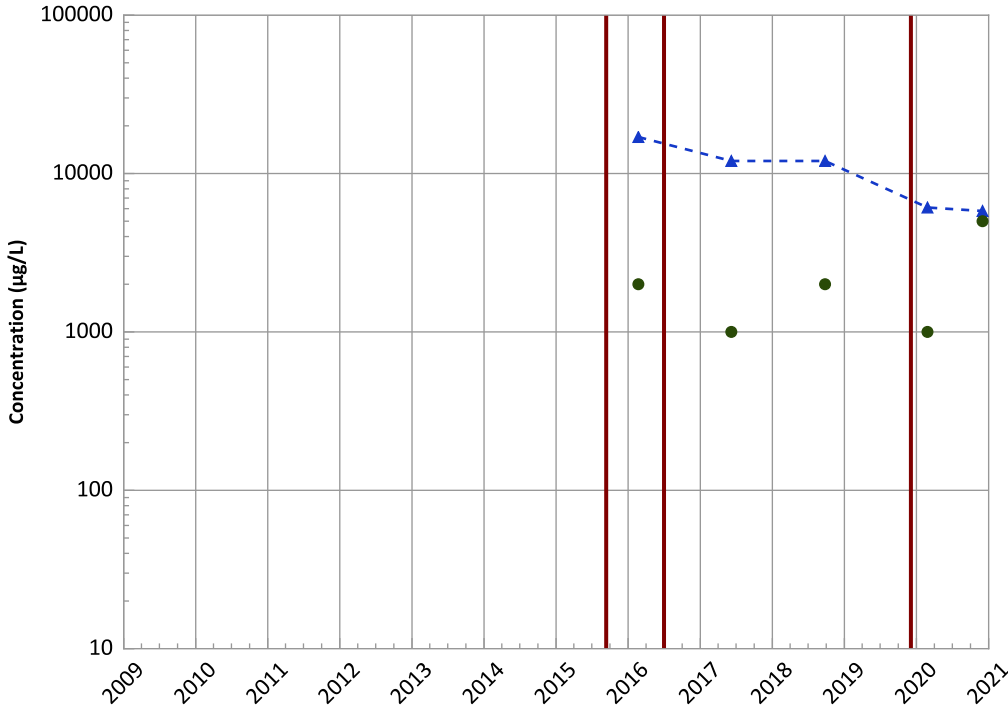


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend

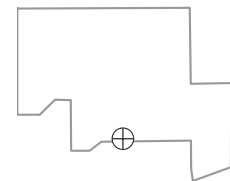


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

Well Location

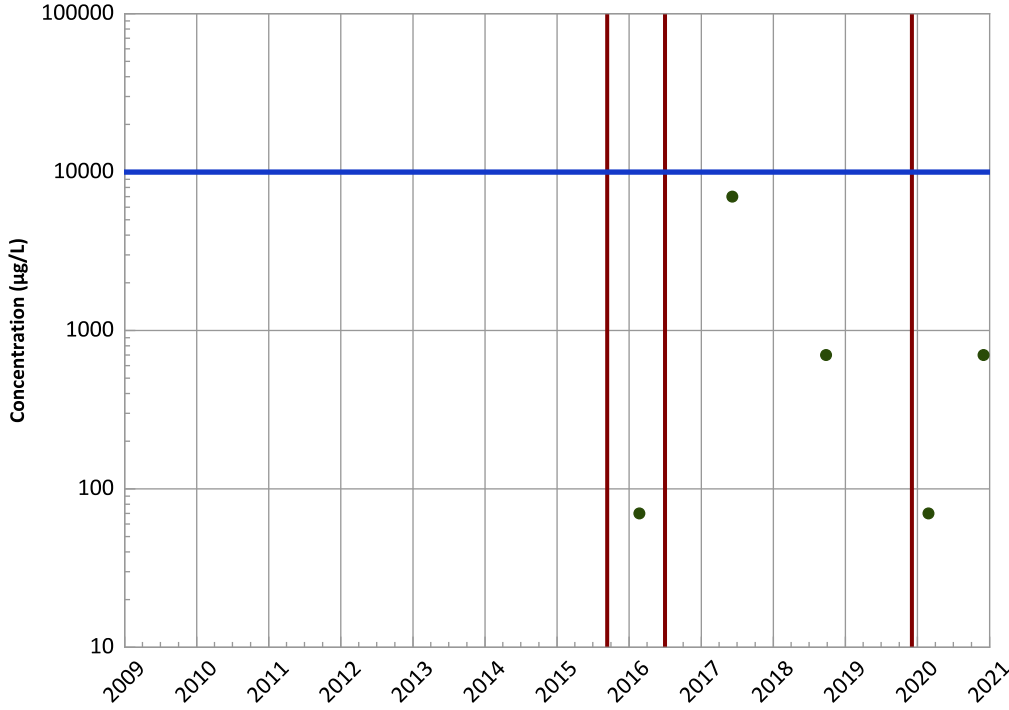


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

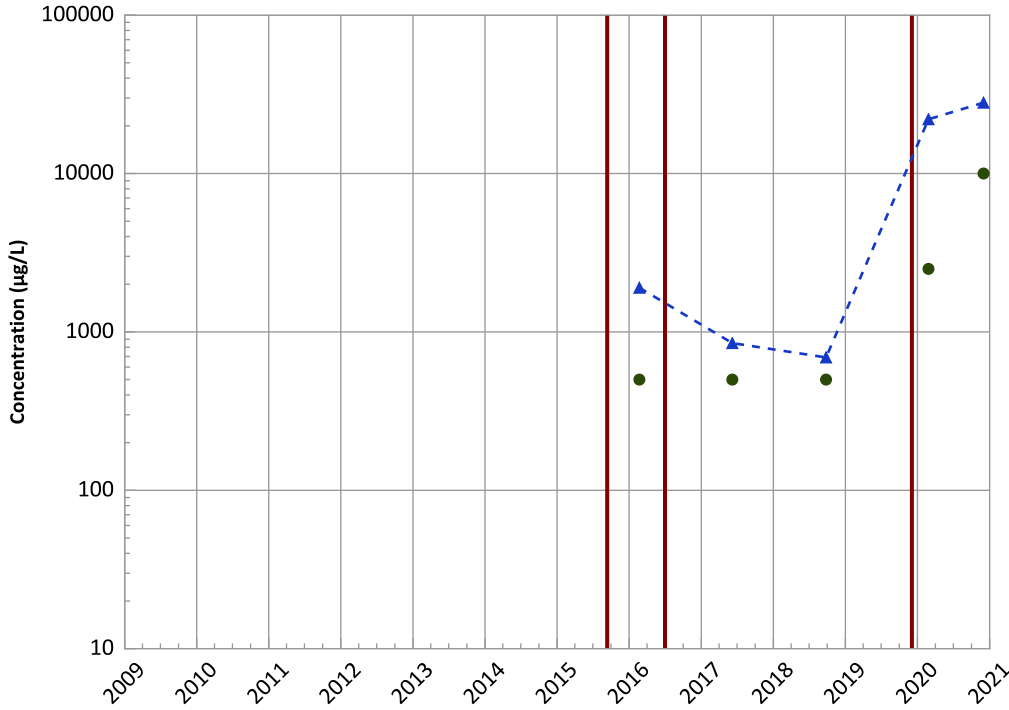


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Sulfate (as SO4) Trend

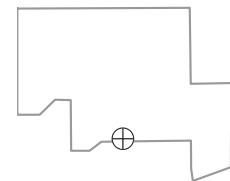


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Probably Increasing

Well Location

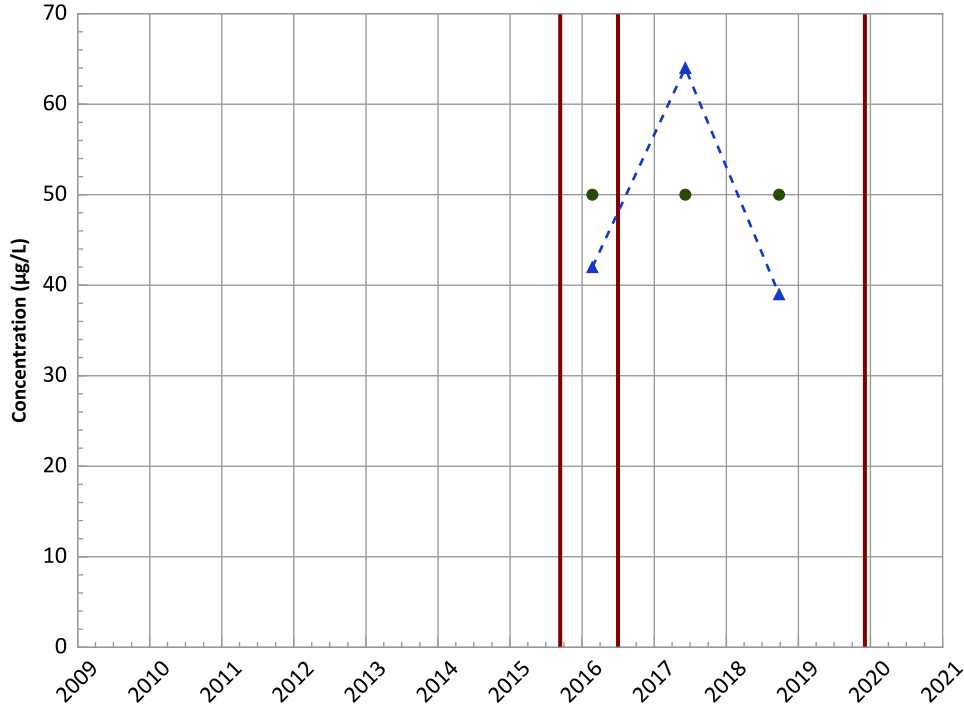


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend

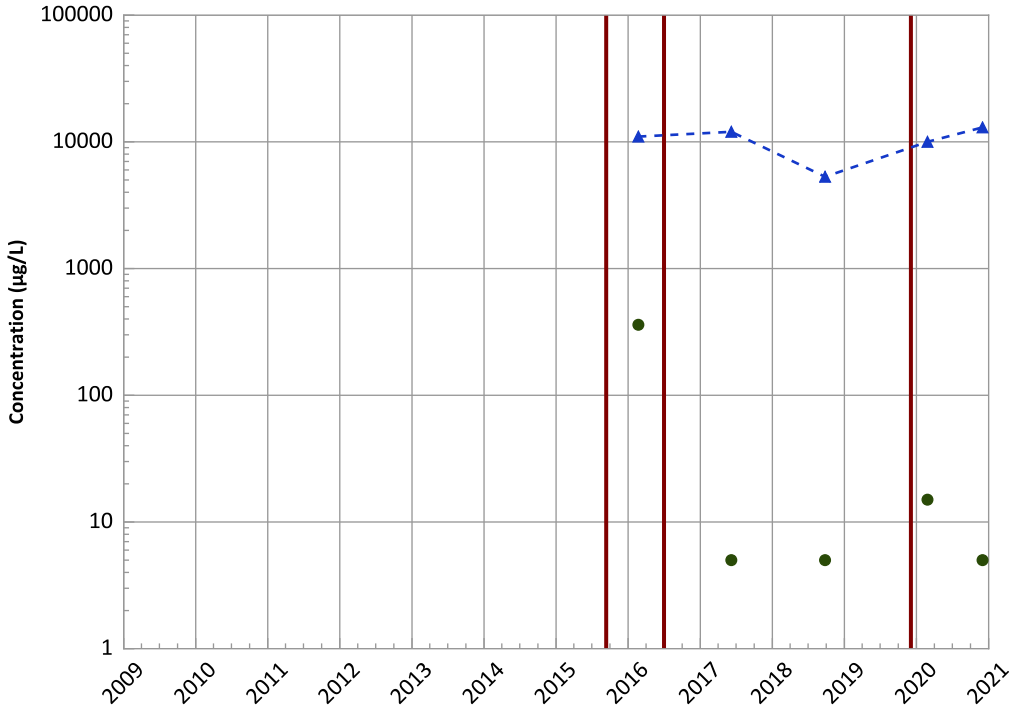


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Methane Trend

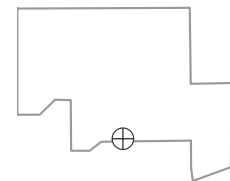


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

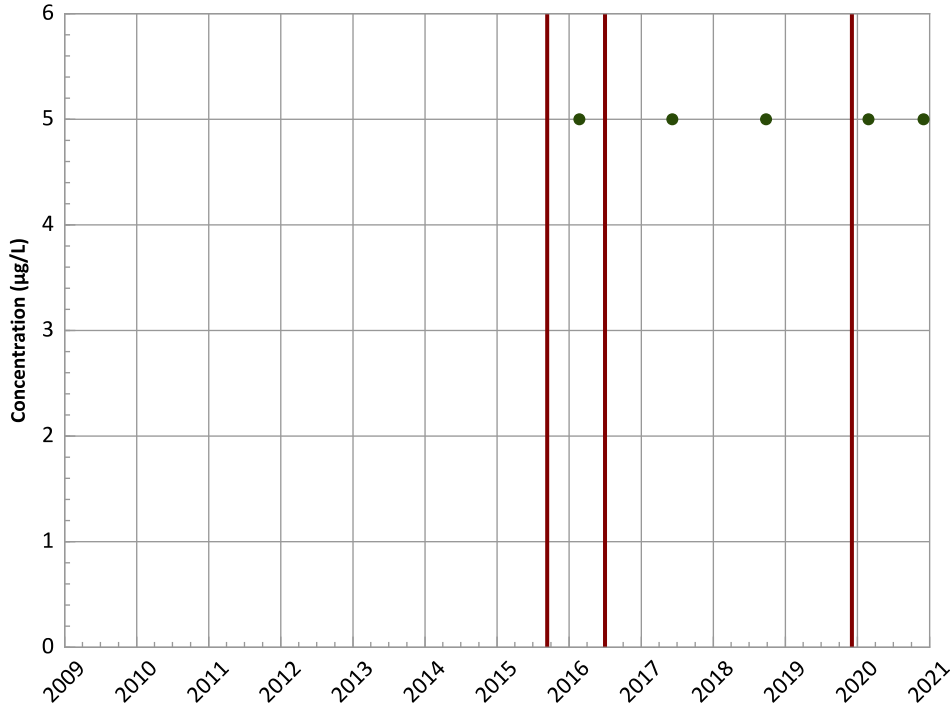


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

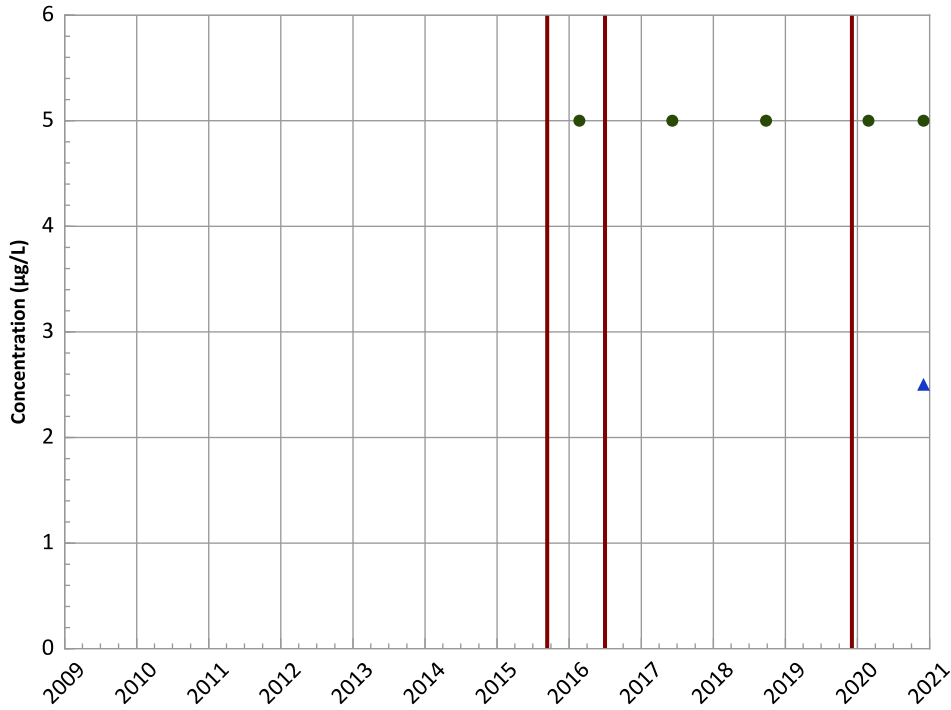


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Ethene (Ethylene) Trend

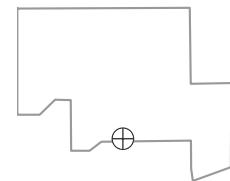


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

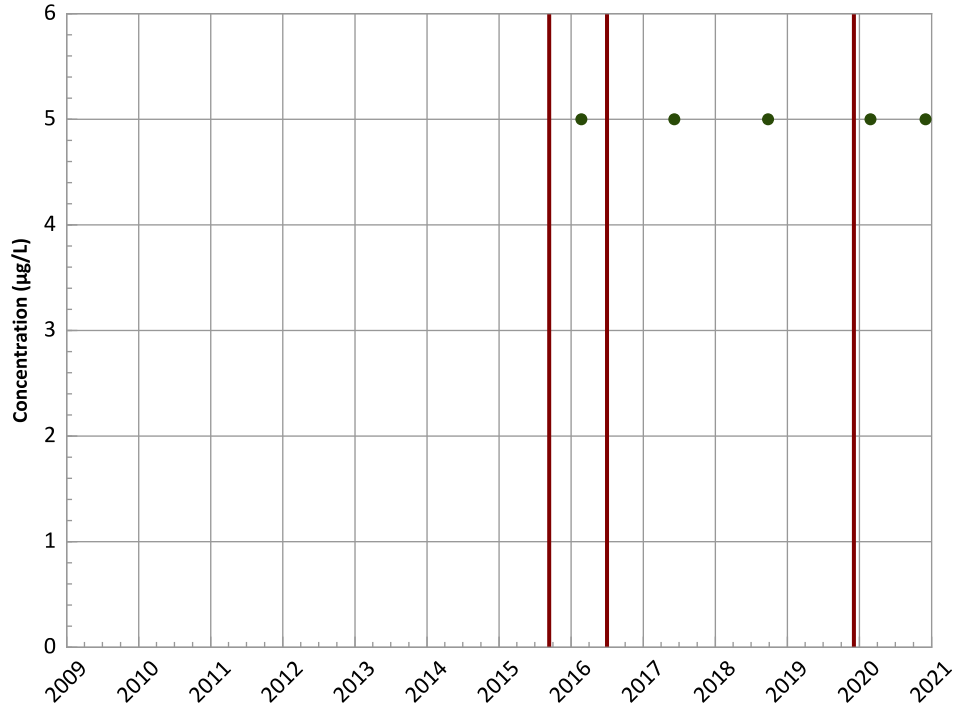


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant**

Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

All Non-Detect

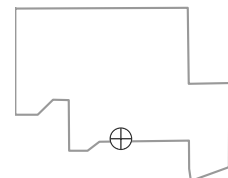
2018 - 2020 Data:

All Non-Detect

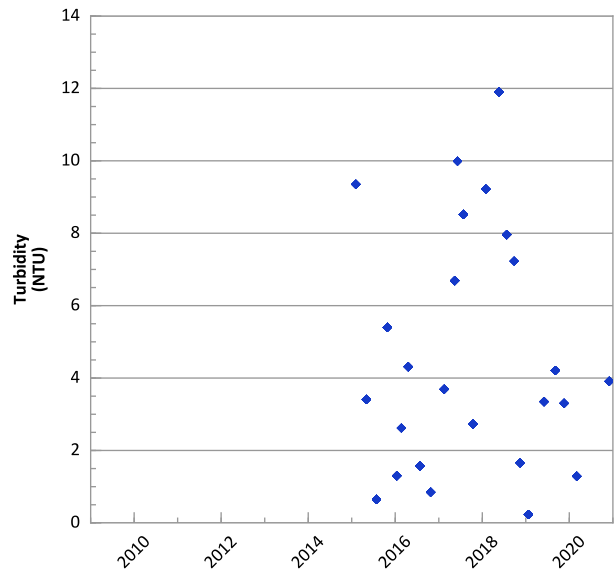
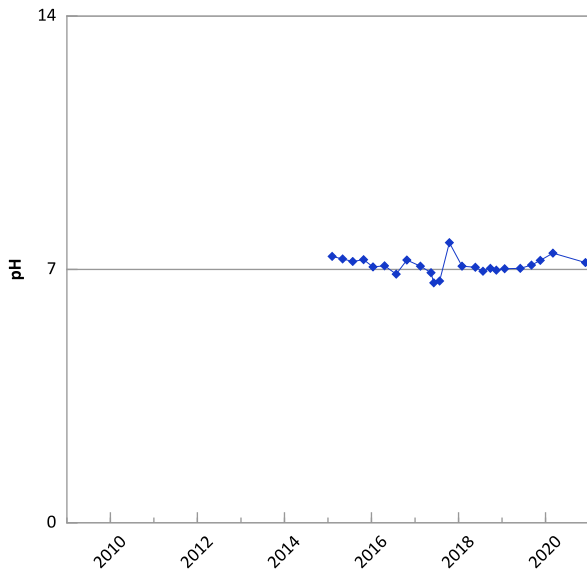
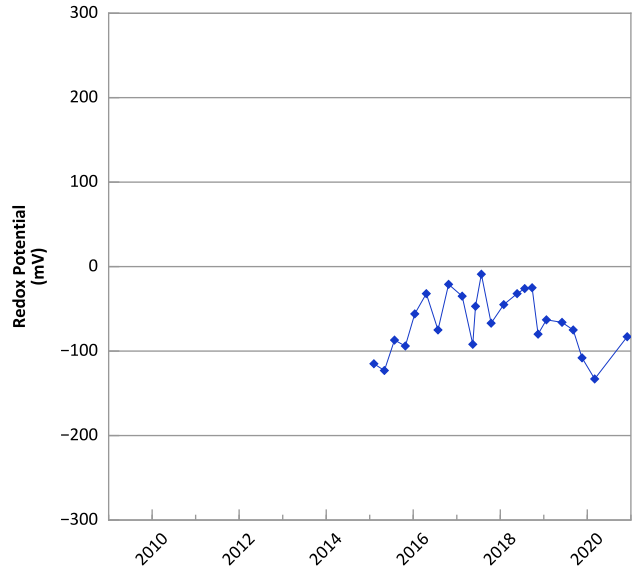
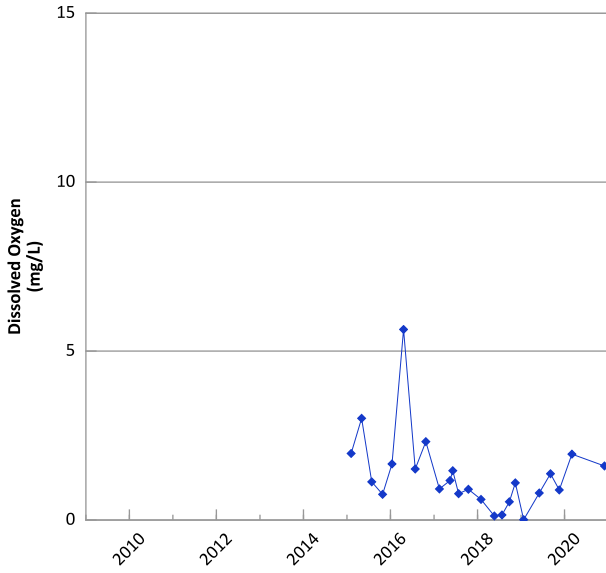
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/22/2016 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

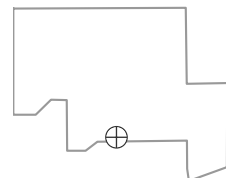


**PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



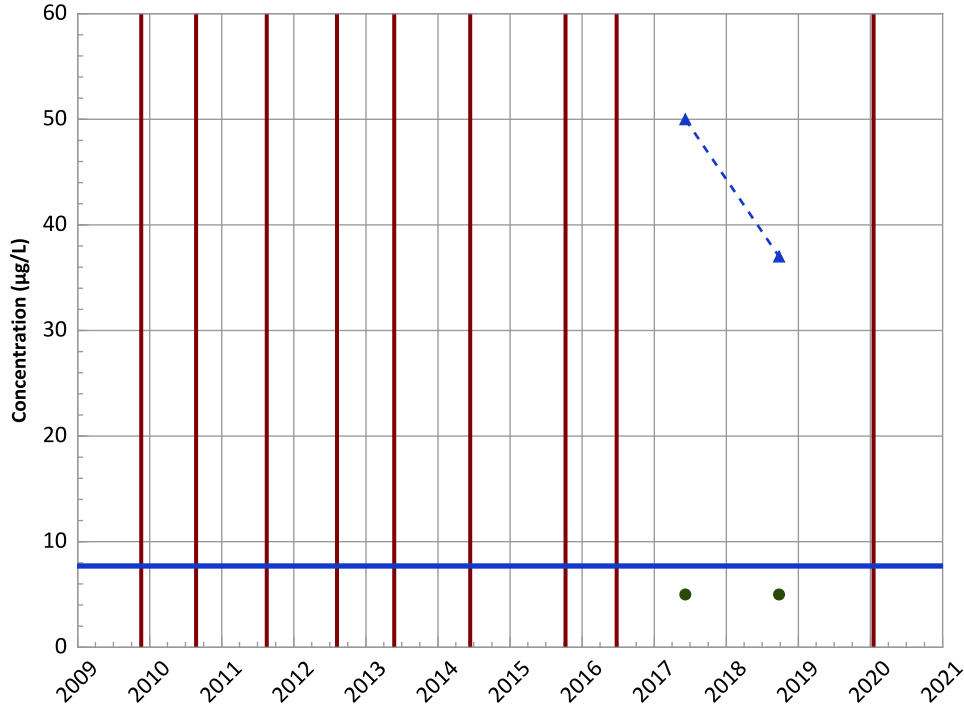
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 02/05/2015 to 12/01/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

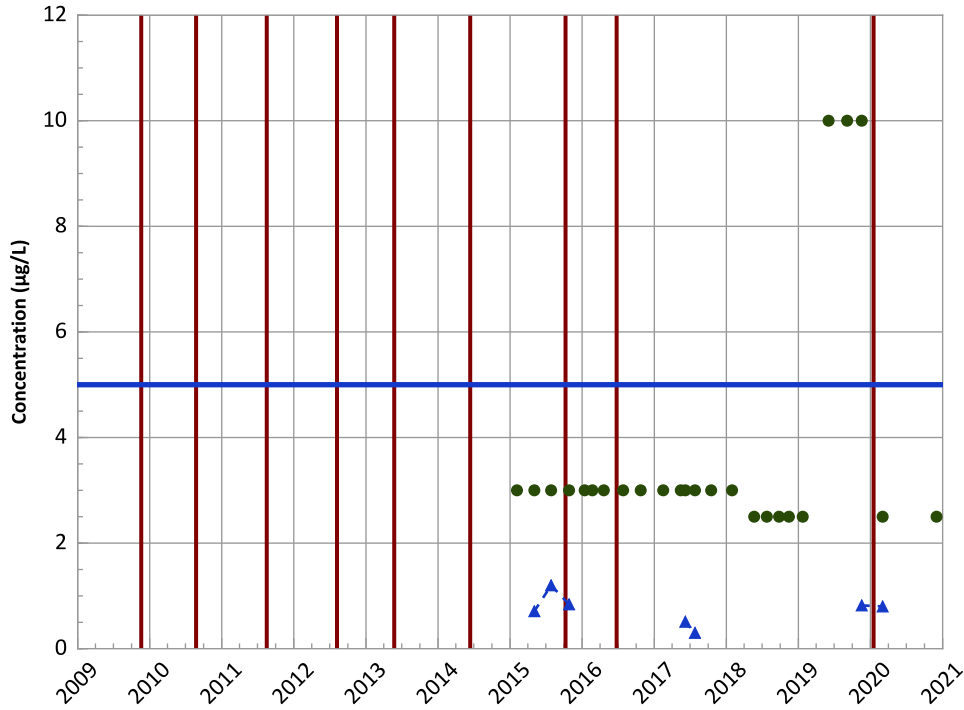
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

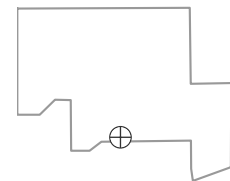
Data (7/2009 - 12/2020):

Stable

2018 - 2020 Data:

No Trend

Well Location

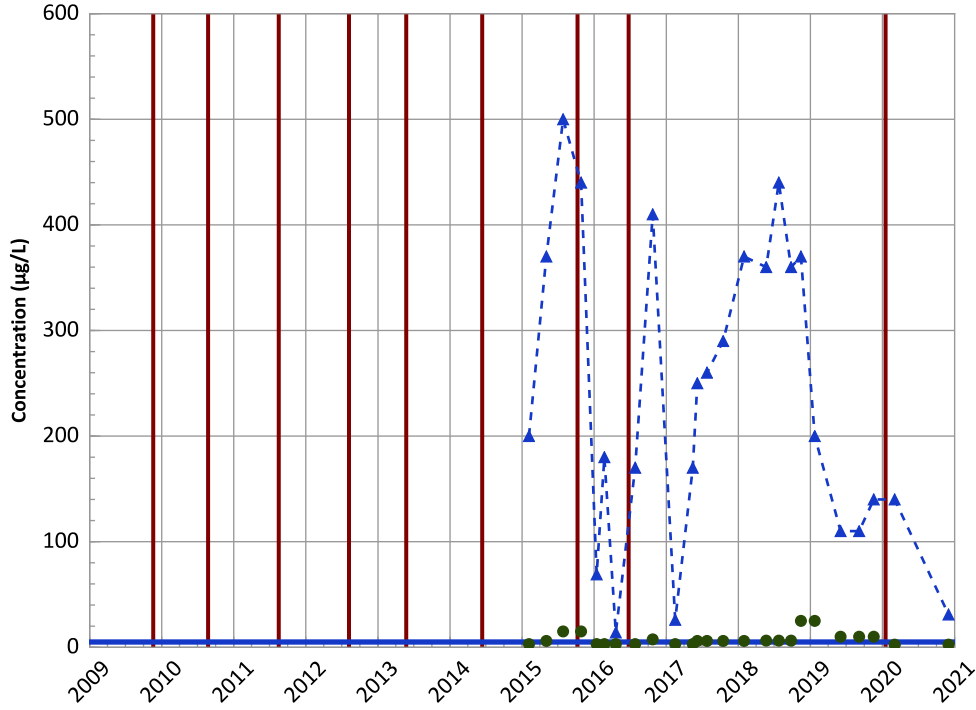


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

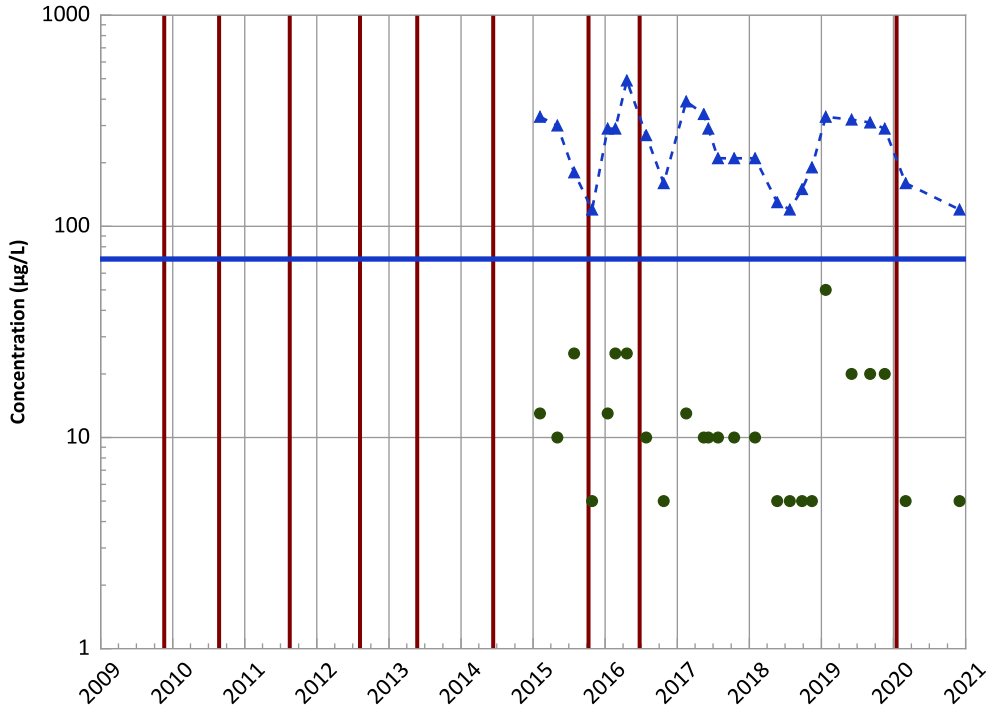


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
Stable

cis-1,2-Dichloroethene Trend

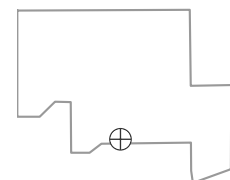


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
Decreasing

Well Location

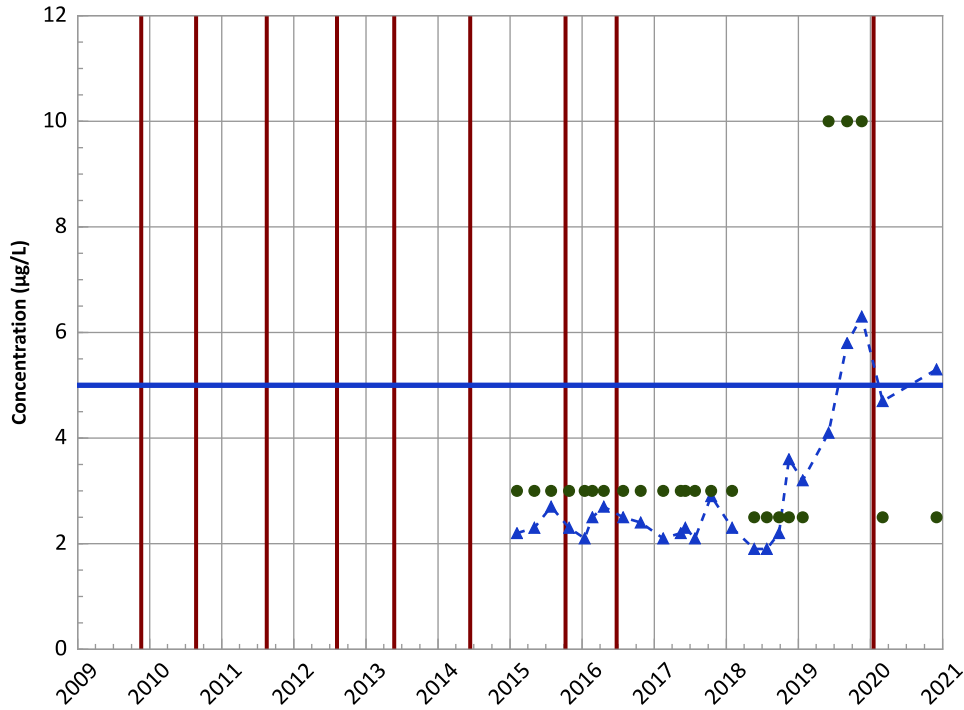


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

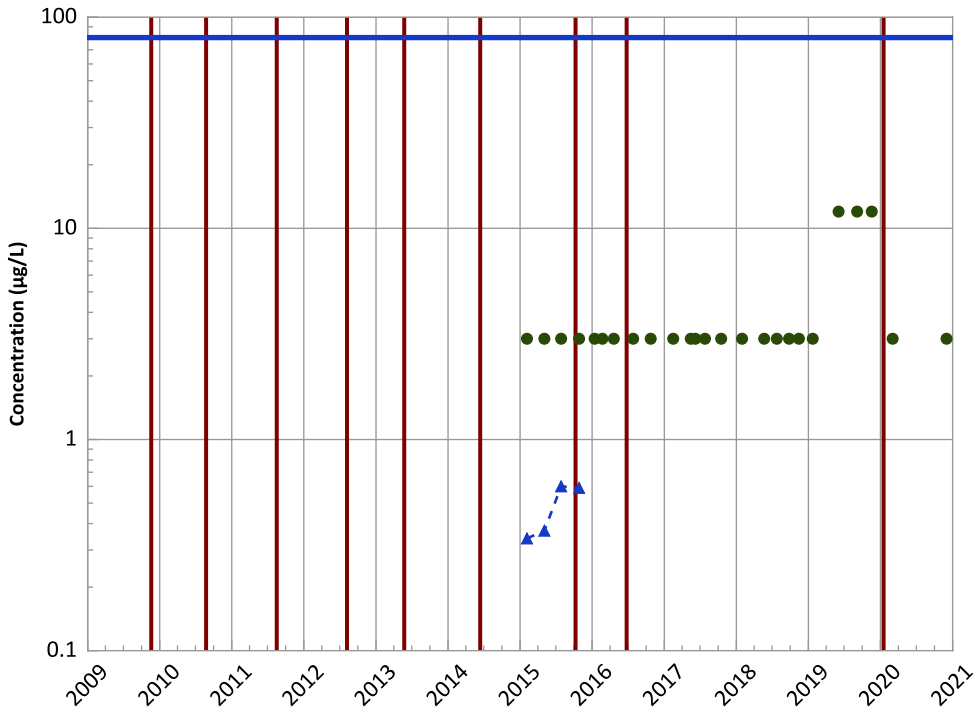


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Chloroform Trend

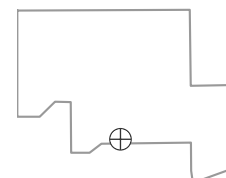


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

Well Location

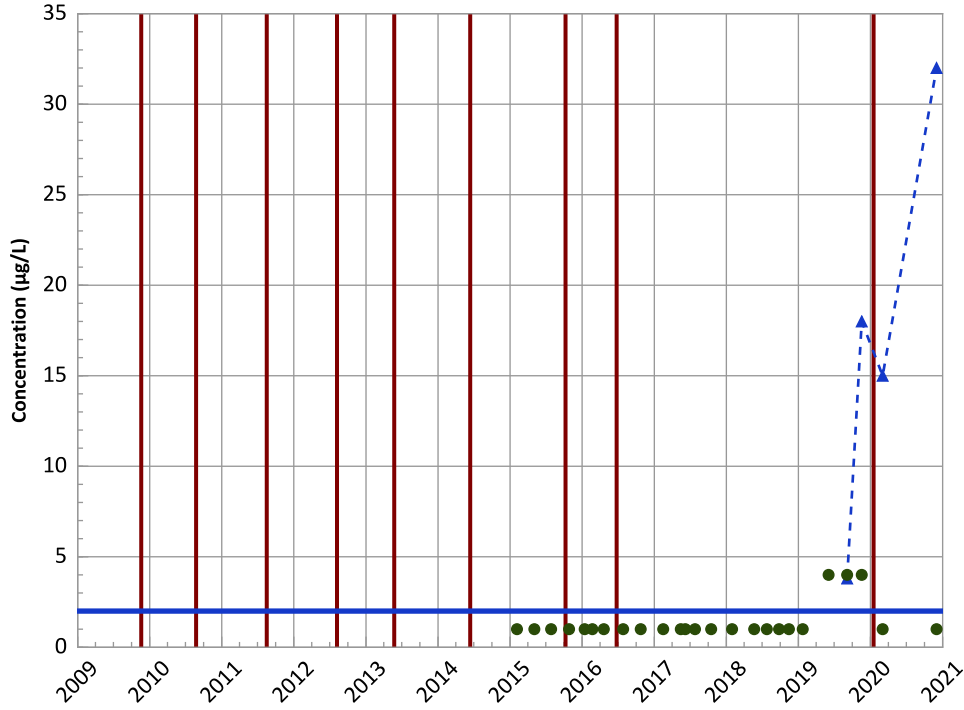


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

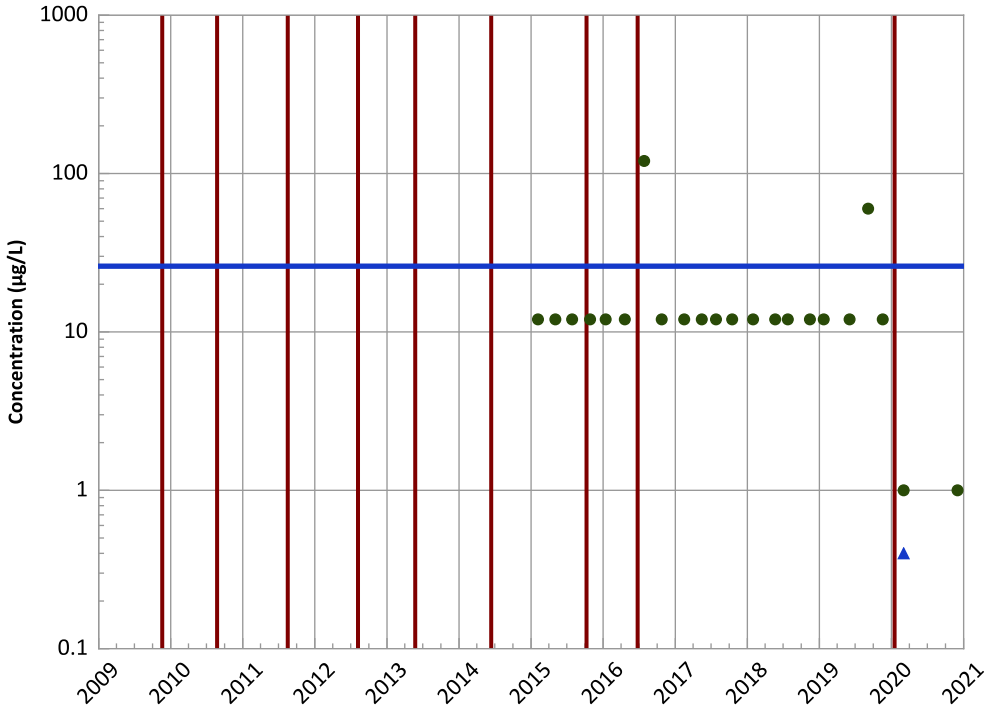


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Probably Increasing

Perchlorate Trend

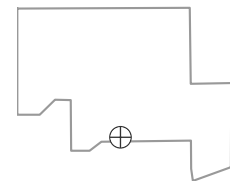


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

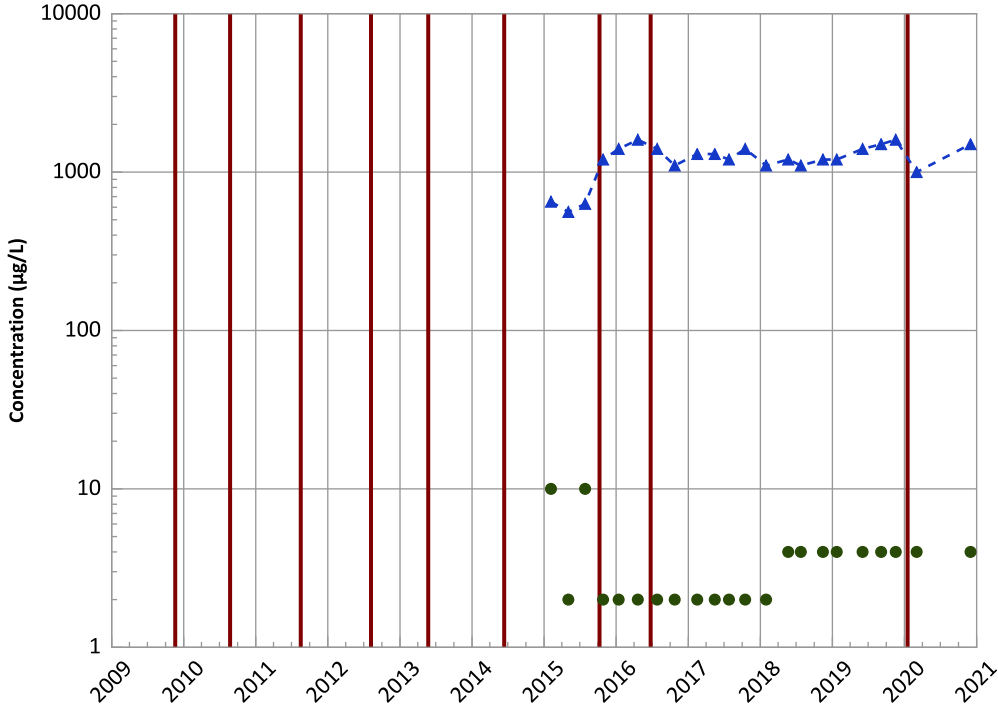


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing 'Increasing

2018 - 2020 Data:

Decreasing 'Decreasing

MAROS Linear Regression Method

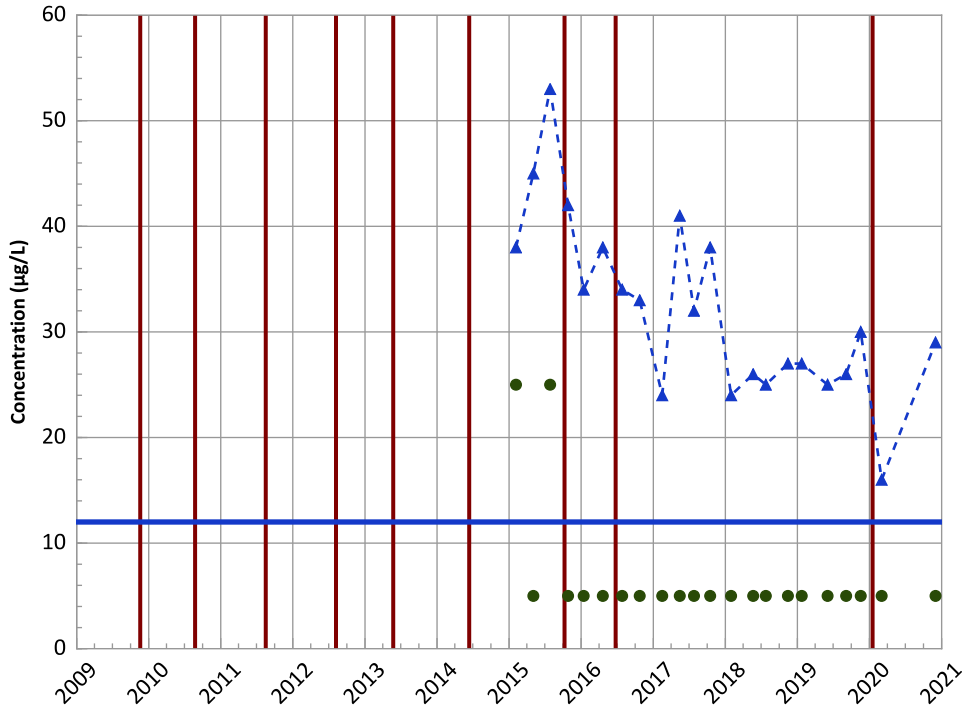
Data (7/2009 - 12/2020):

Increasing 'Increasing

2018 - 2020 Data:

Stable 'Stable

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Stable

MAROS Linear Regression Method

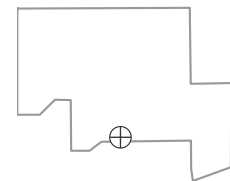
Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Stable

Well Location

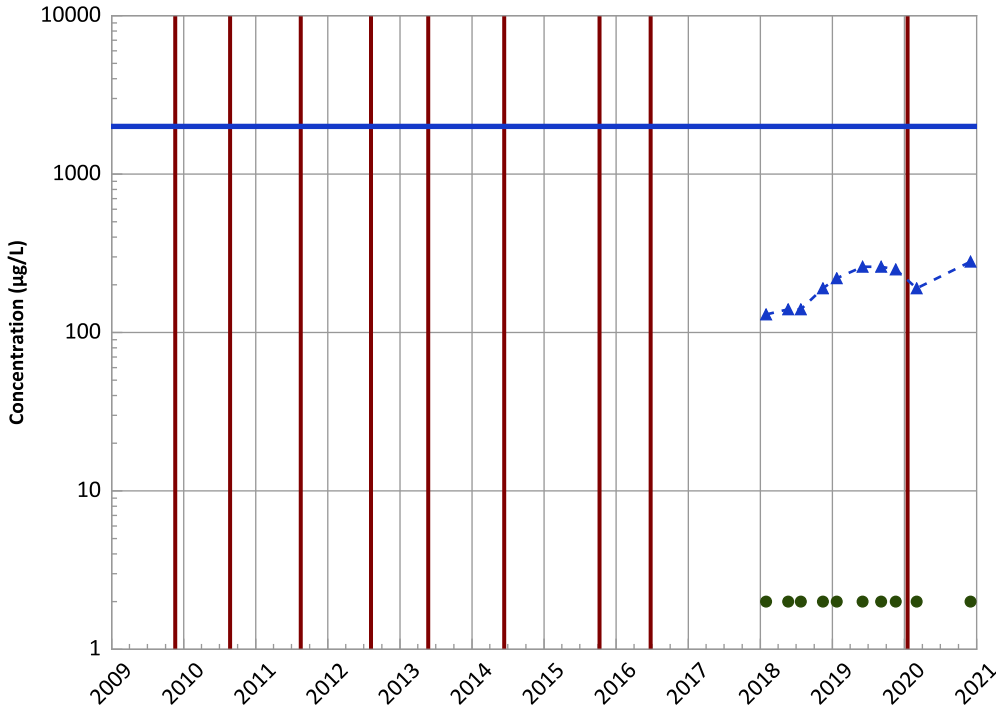


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

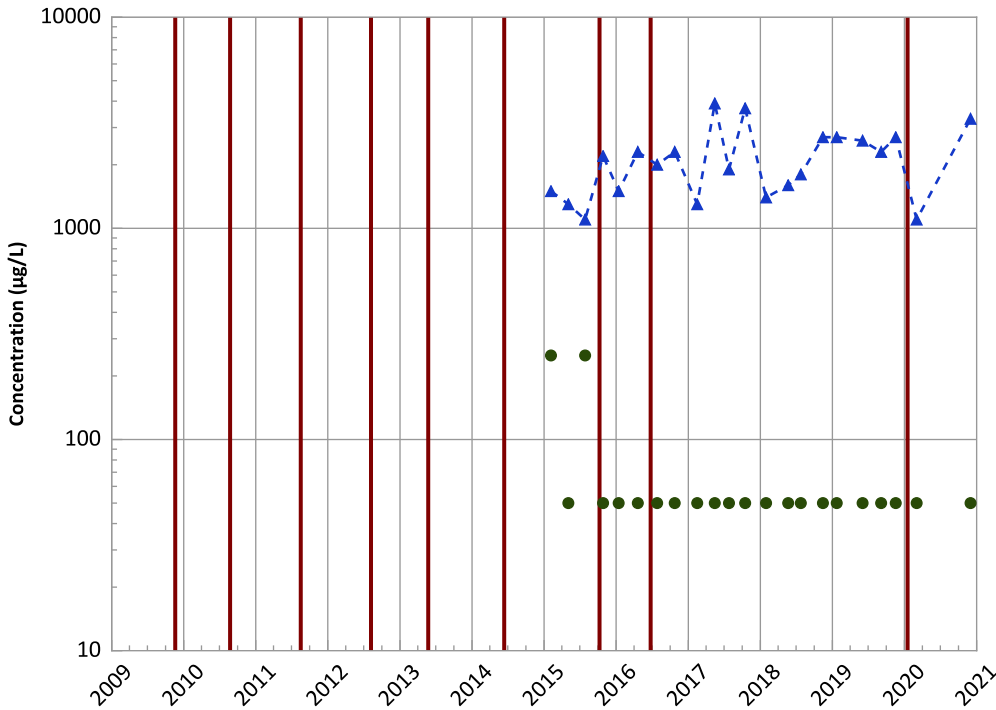


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Iron Trend

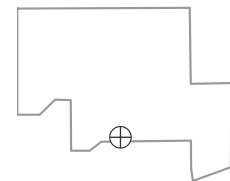


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

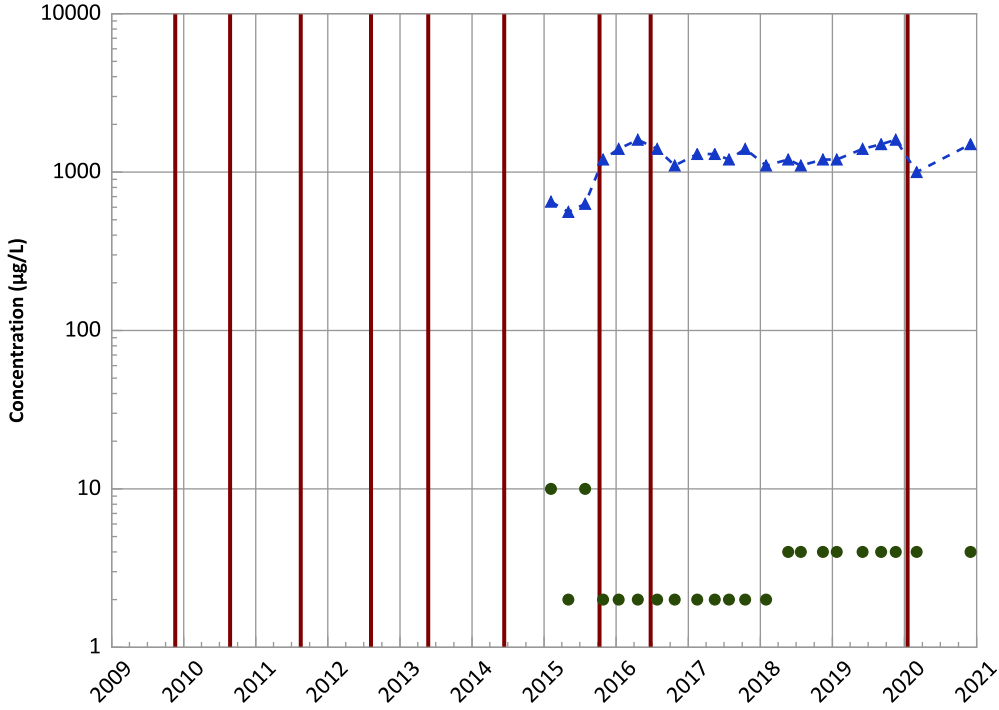


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing' 'Increasing

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

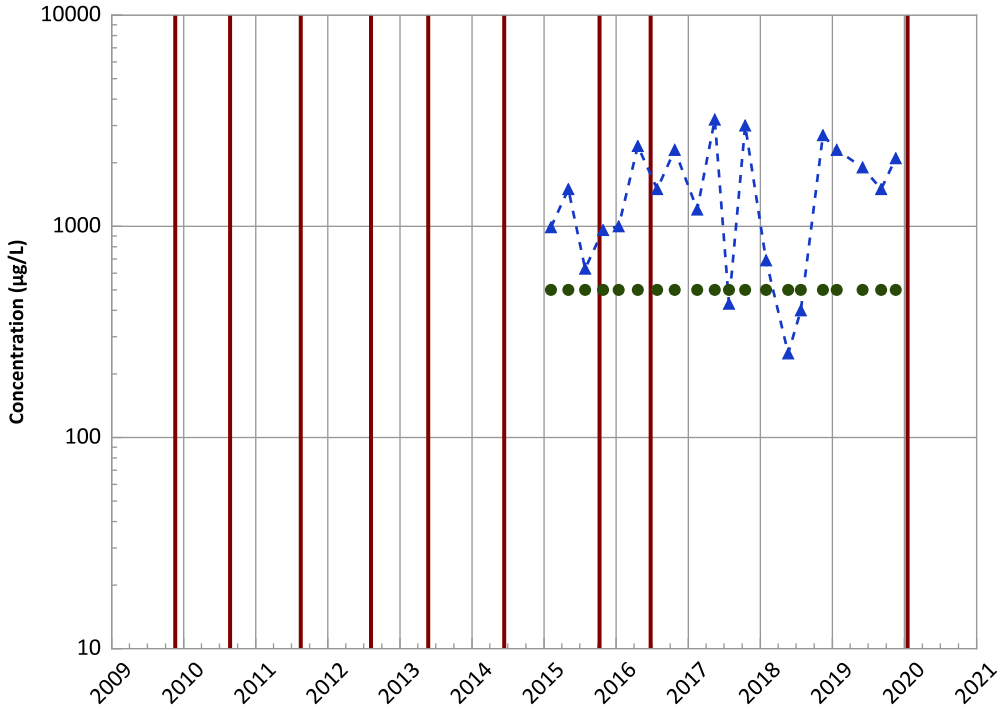
Data (7/2009 - 12/2020):

Increasing' 'Increasing

2018 - 2020 Data:

Stable' 'Stable

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

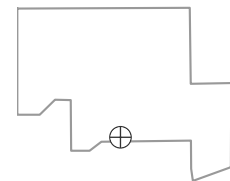
Data (7/2009 - 12/2020):

No Trend

2018 - 2020 Data:

Stable

Well Location

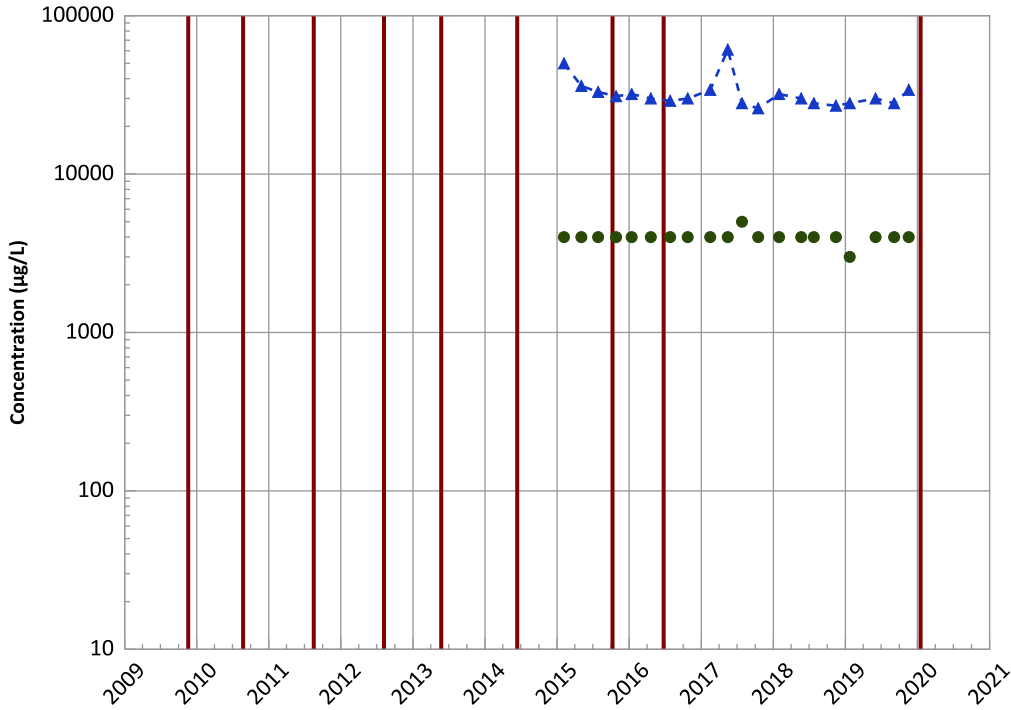


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

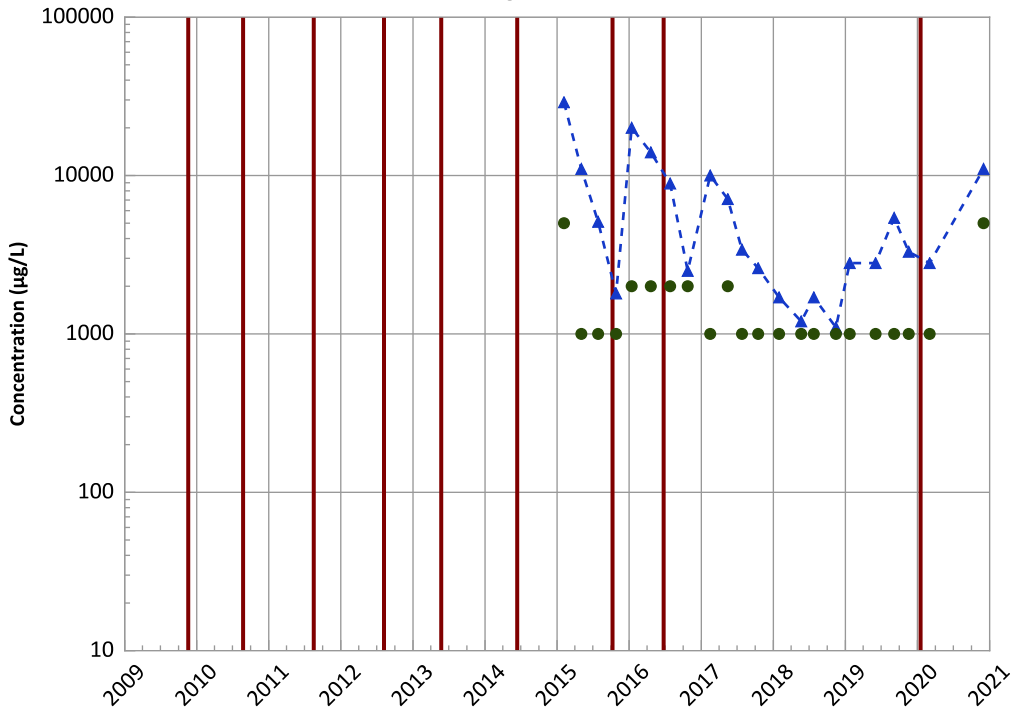


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
No Trend

Total Organic Carbon Trend

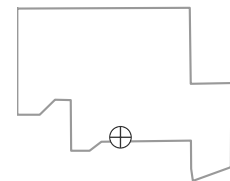


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Well Location

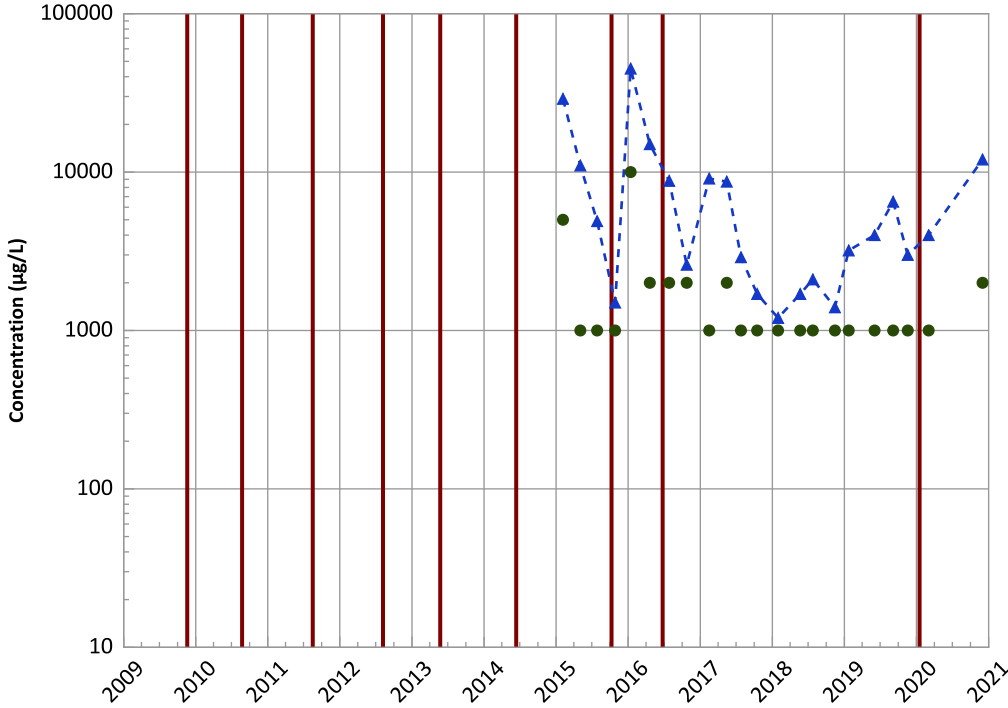


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing

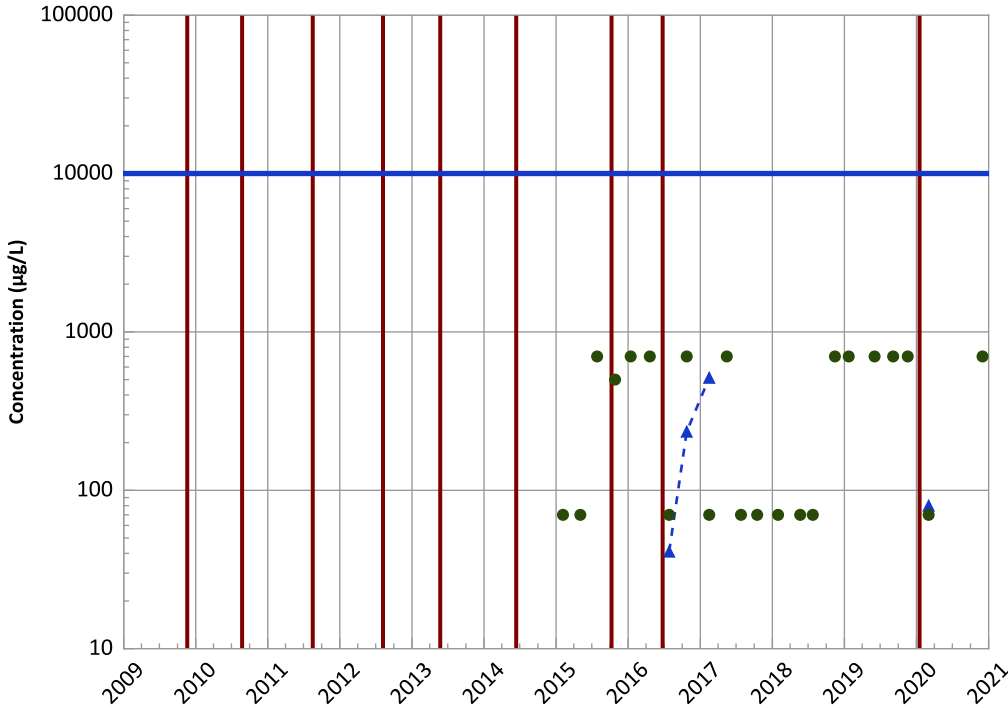
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Probably Decreasing

2018 - 2020 Data:
No Trend

Nitrate as N Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend

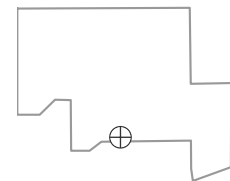
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Stable

2018 - 2020 Data:
Probably Decreasing

Well Location

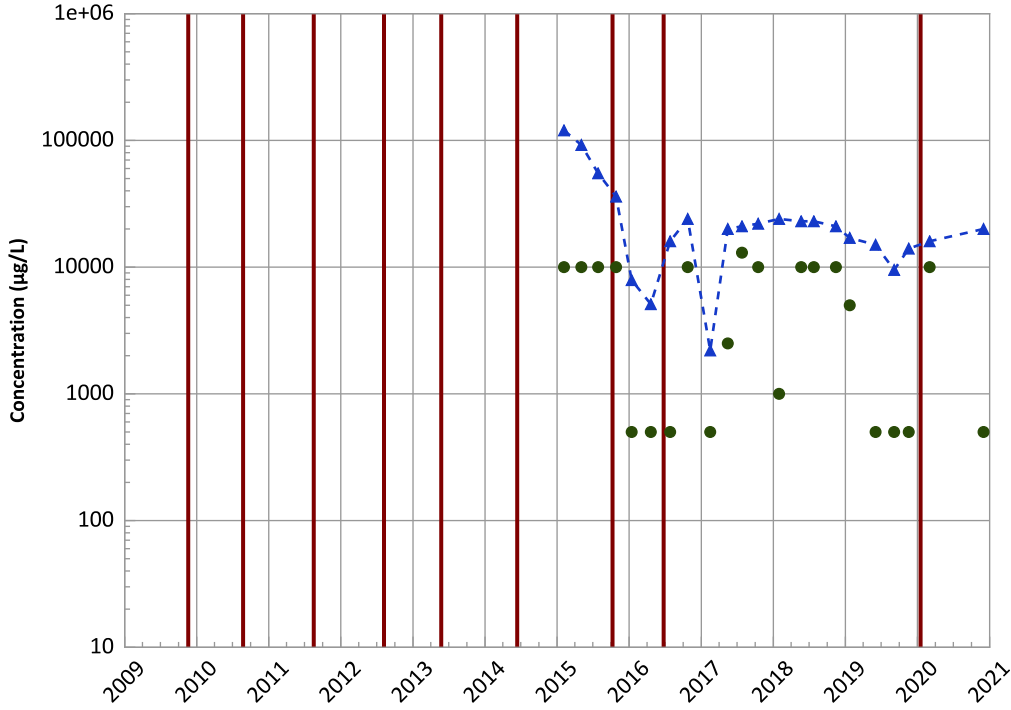


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

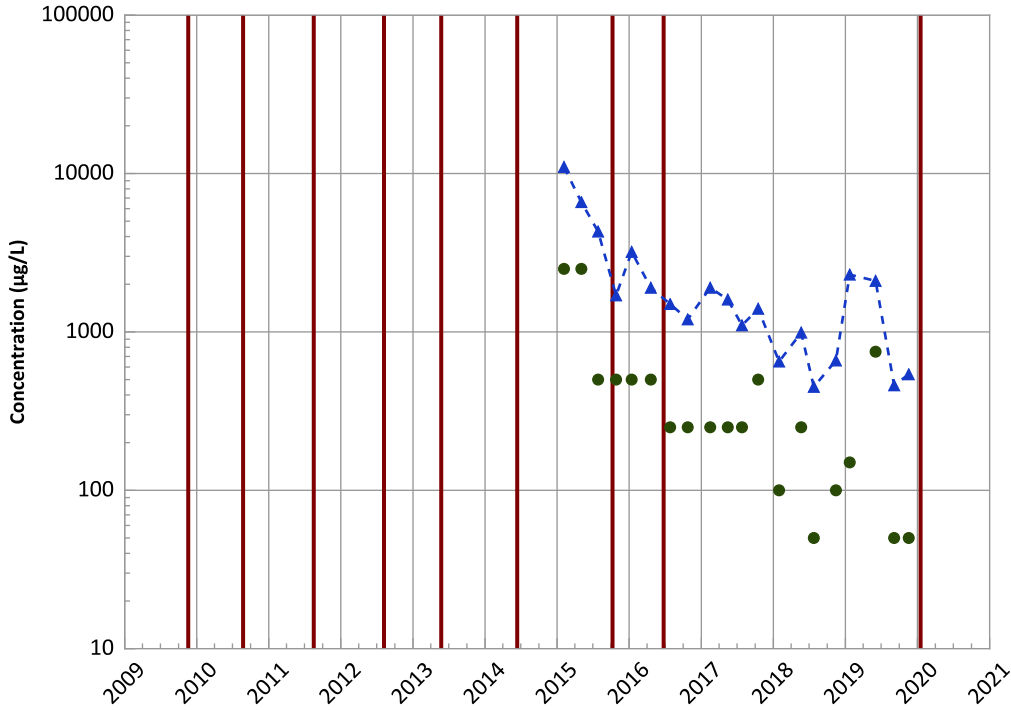


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
Increasing

Phosphorus, Total (as P) Trend

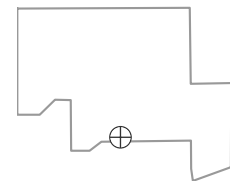


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Probably Decreasing

Well Location

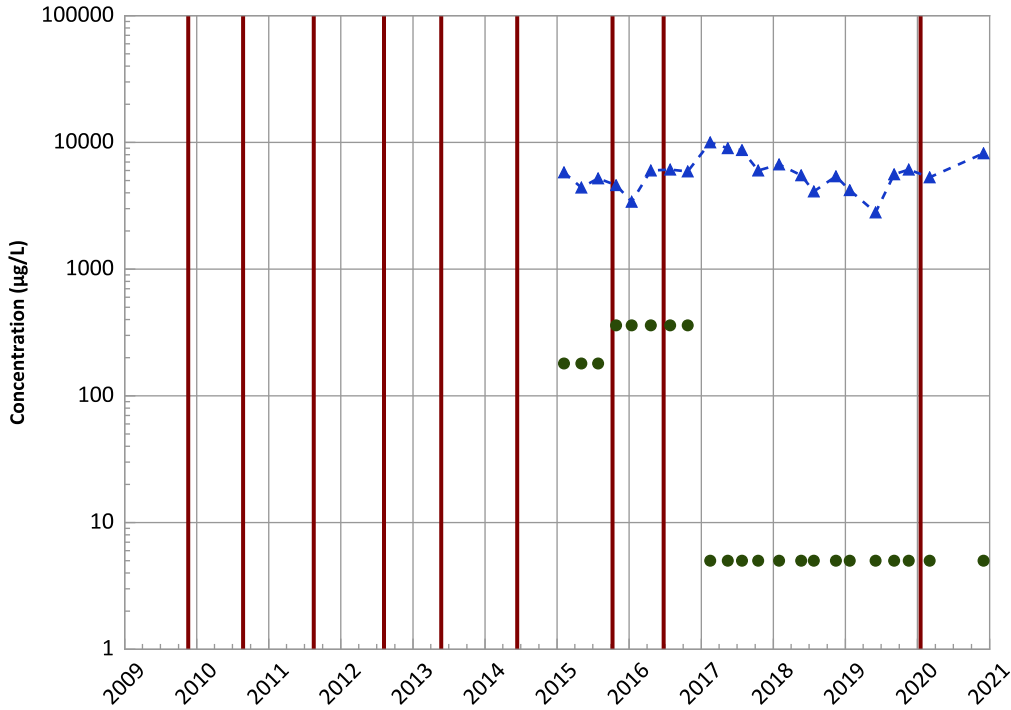


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

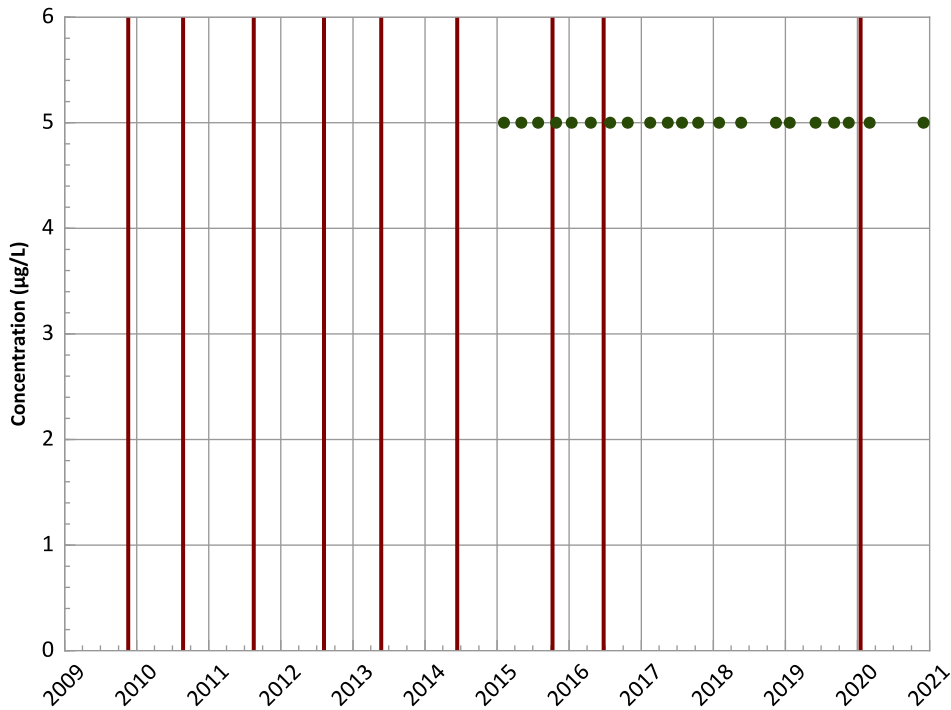


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Ethane Trend



Concentration Trend

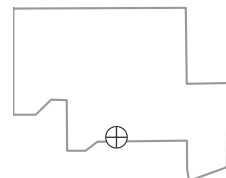
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

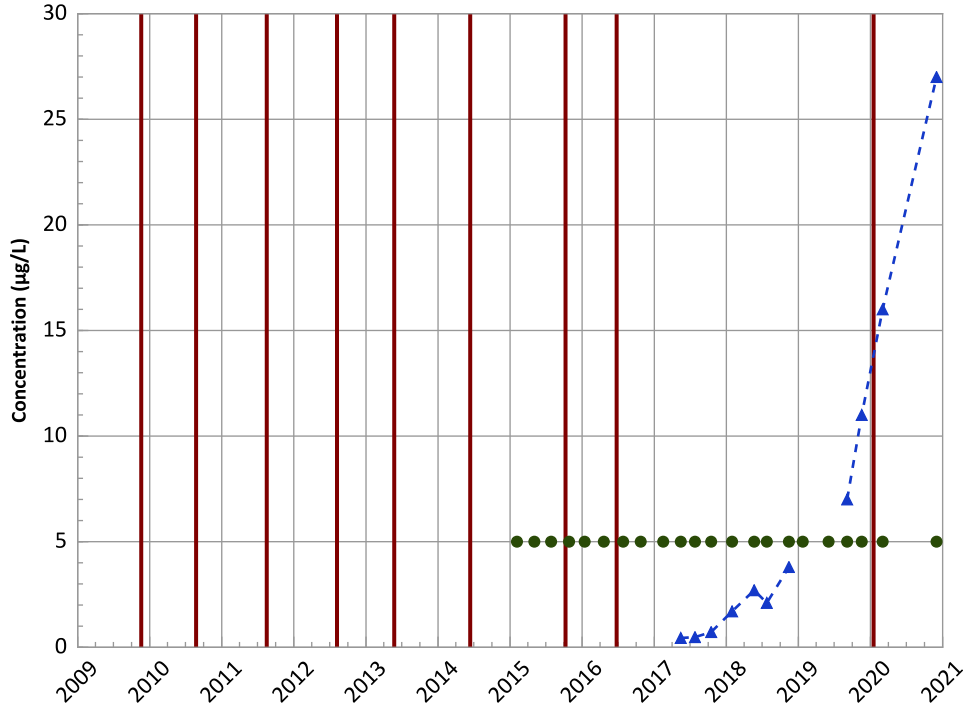
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

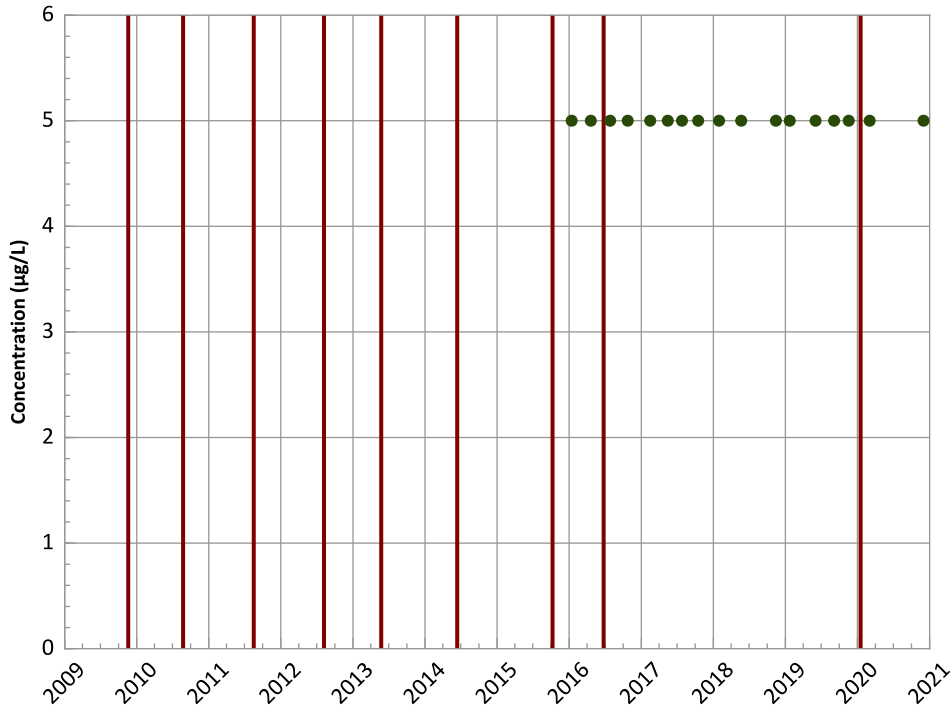


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

Trend

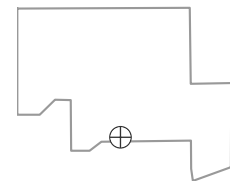


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

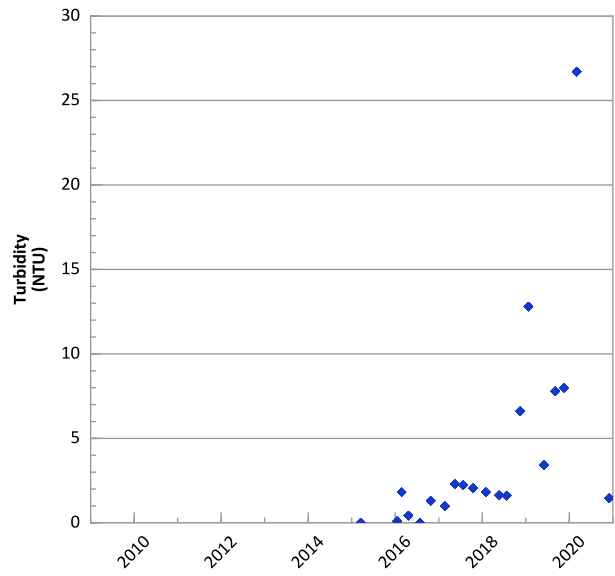
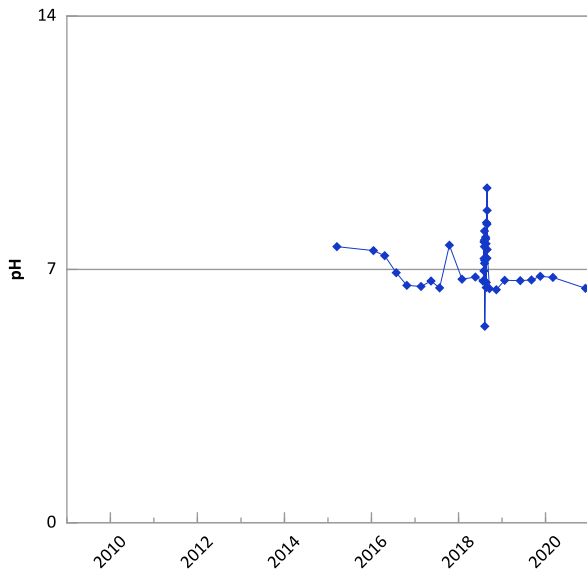
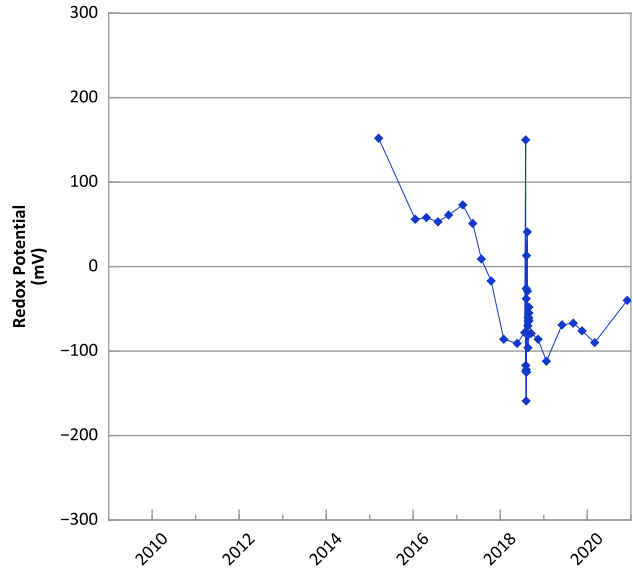
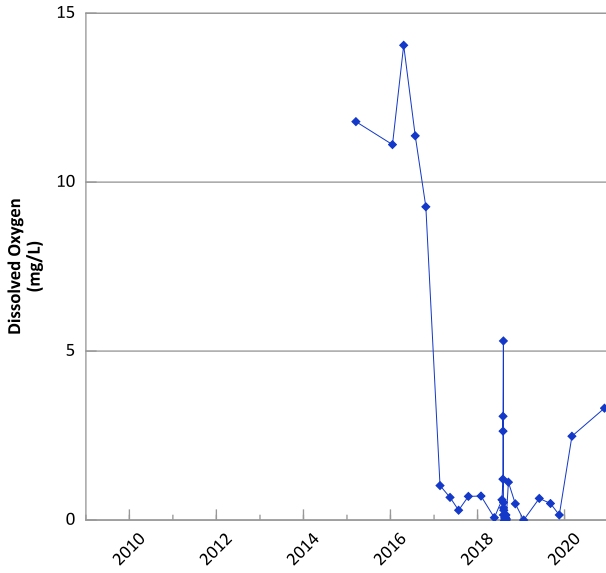
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2015 to 12/01/2020
Analysis Date: 06/03/2021

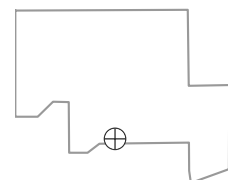
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**

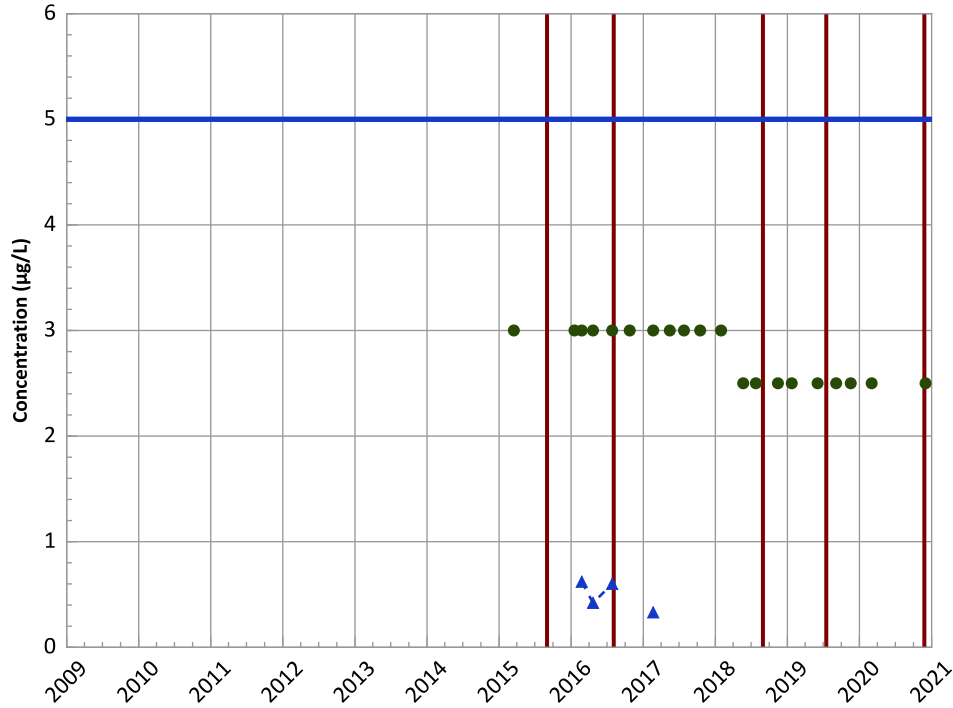


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/17/2015 to 12/01/2020
 Analysis Date: 06/03/2021

Well Location



**PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

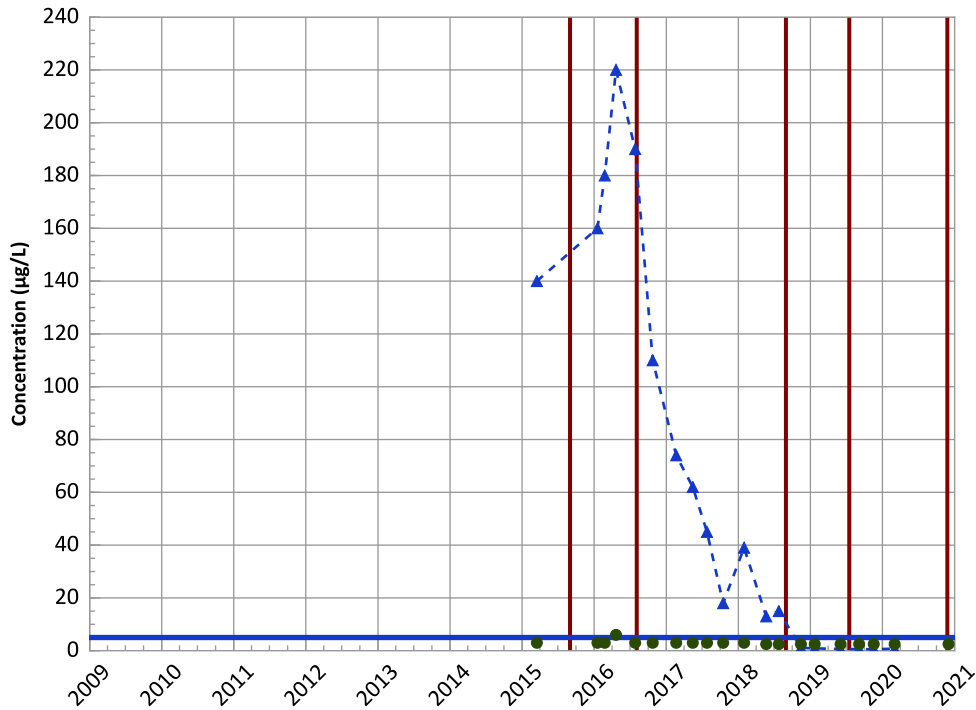


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

Trichloroethene Trend



Concentration Trend

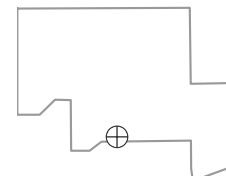
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

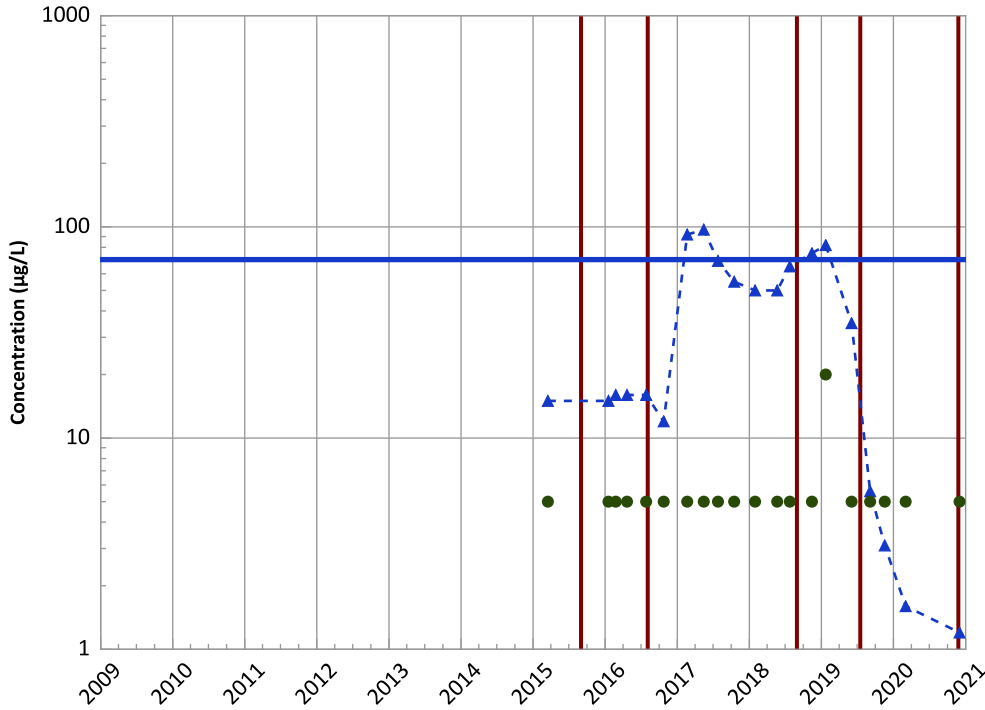
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



**PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**

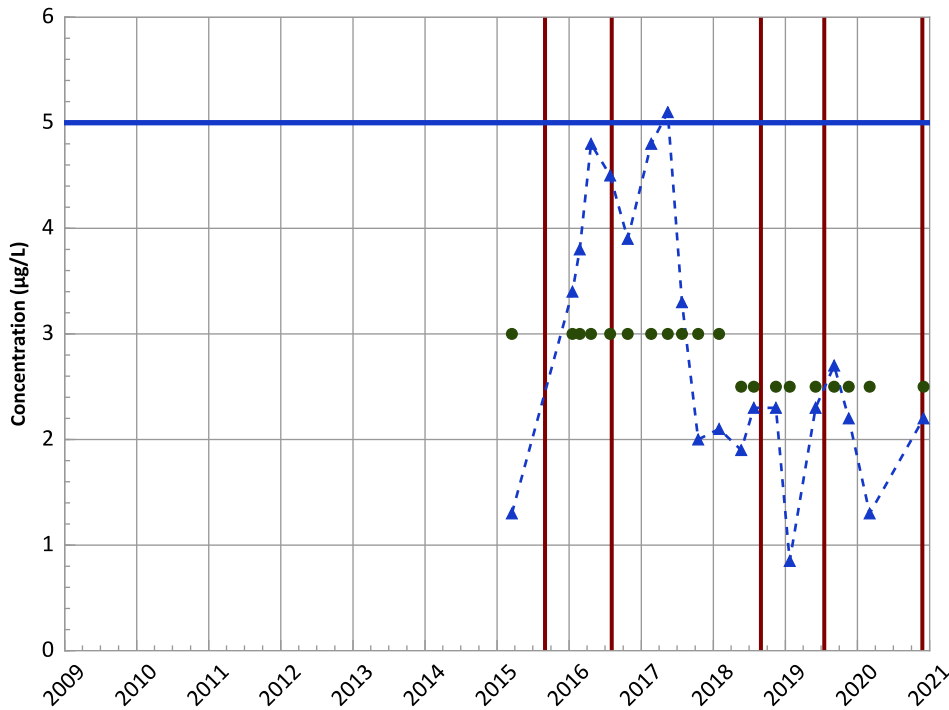


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
Decreasing

1,2-Dichloroethane Trend

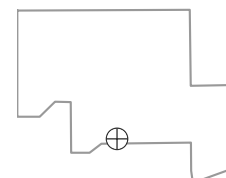


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Well Location

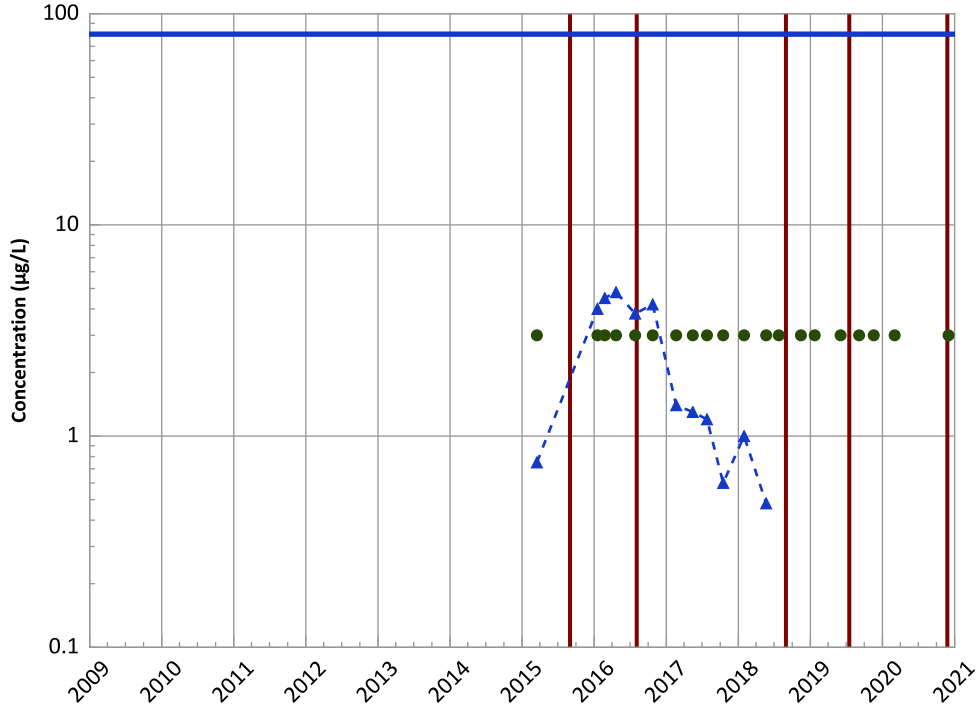


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

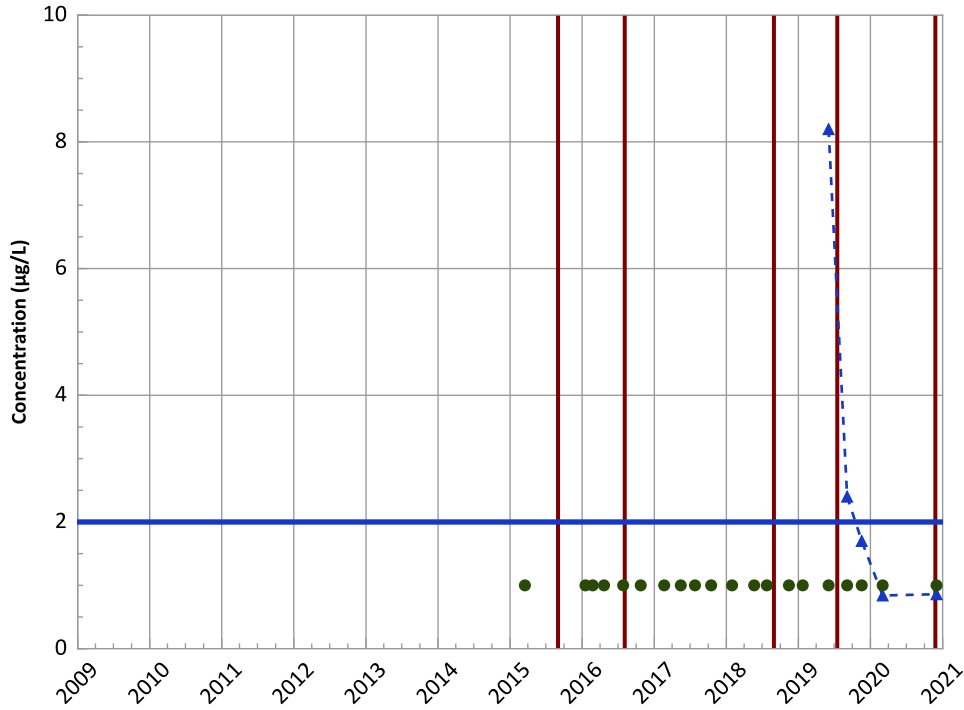


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Vinyl Chloride Trend

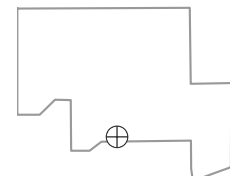


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

Well Location

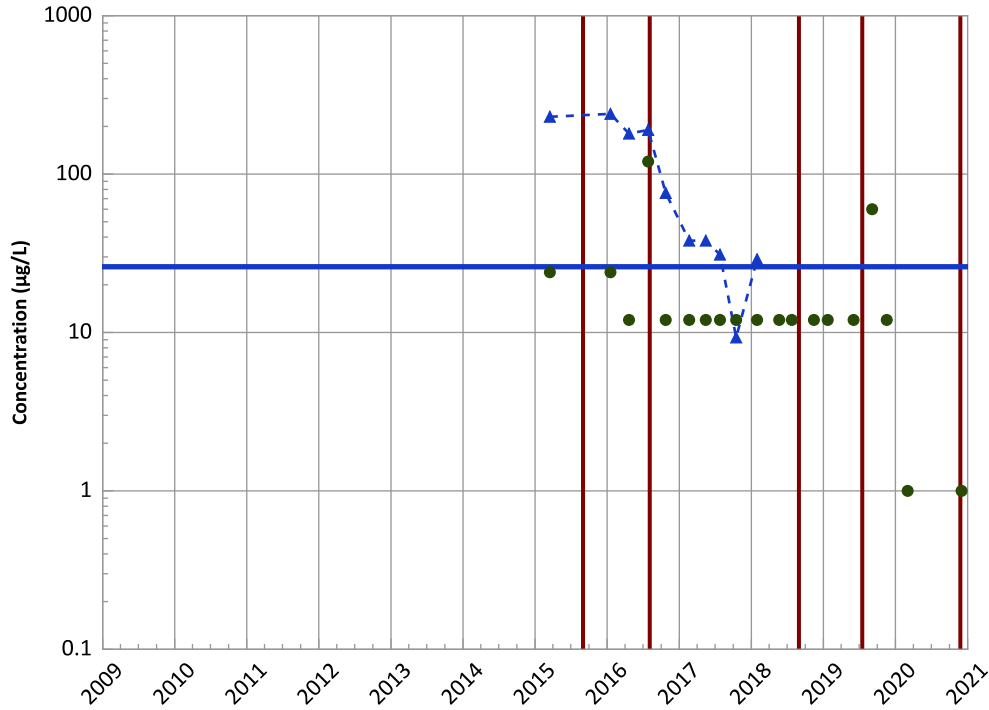


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

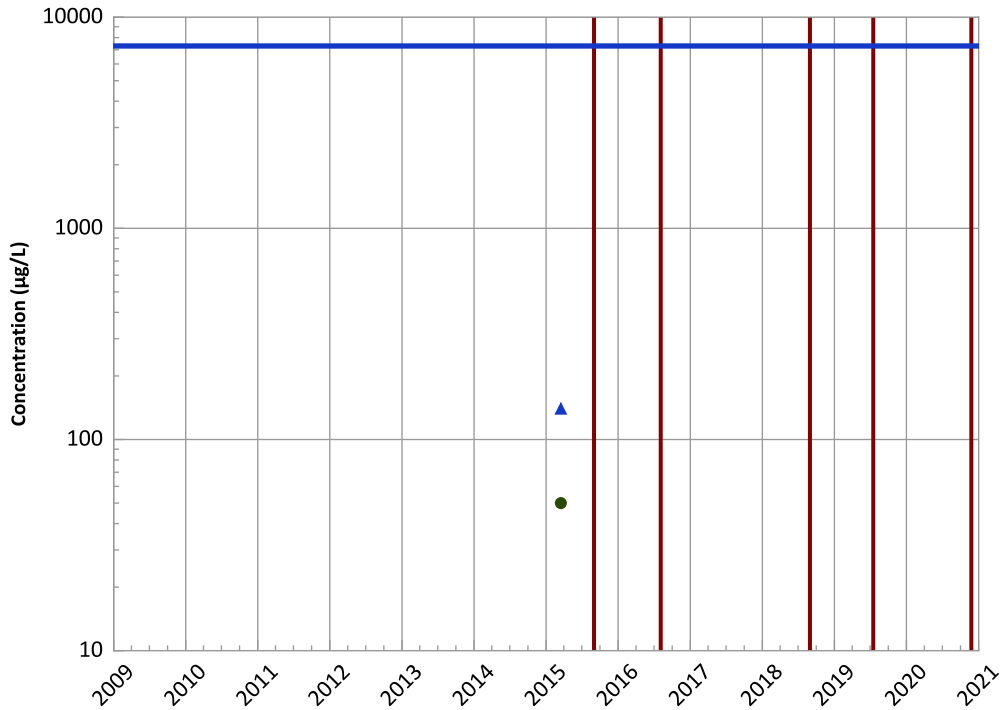


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Boron Trend

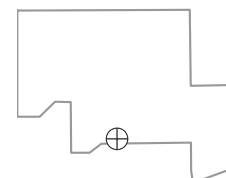


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

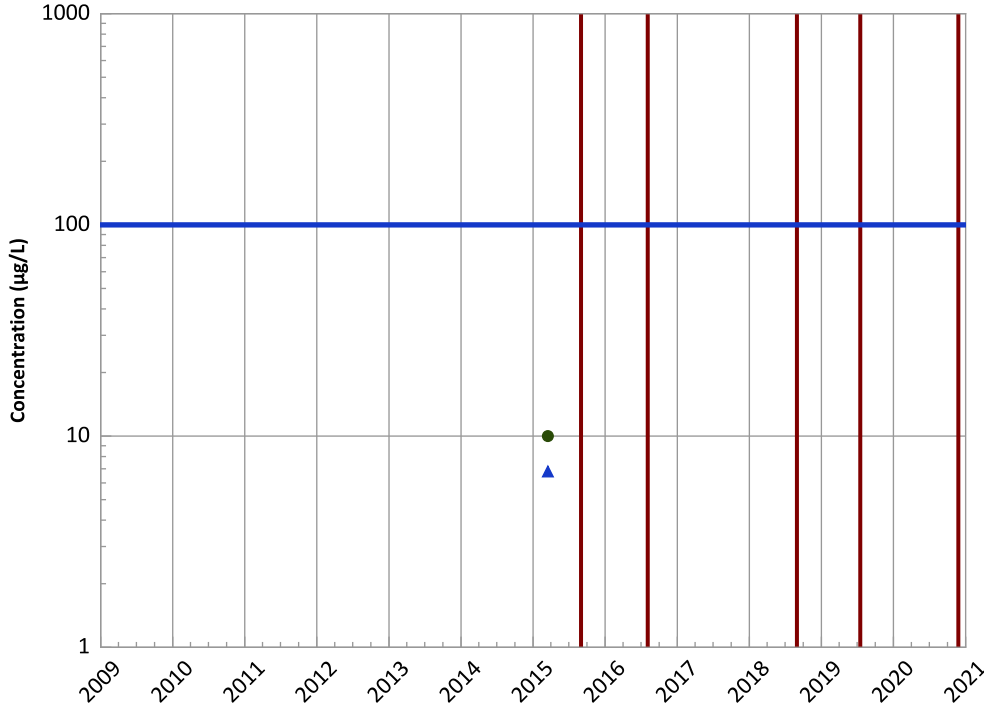


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

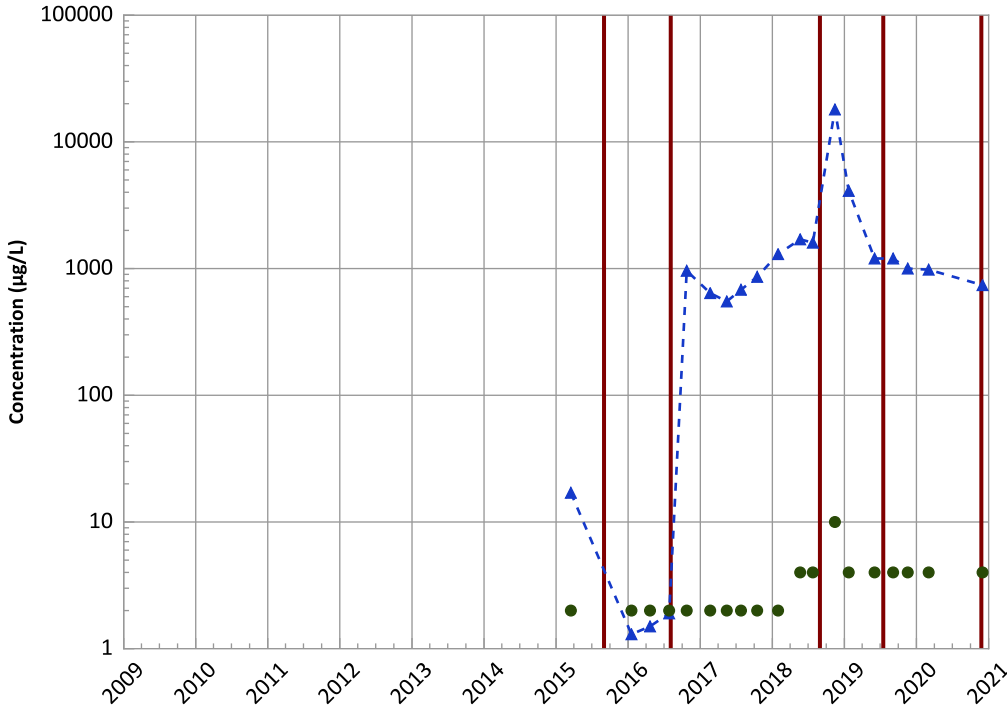
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

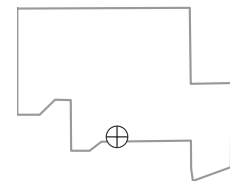
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
Increasing' 'Increasing
2018 - 2020 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Increasing' 'Increasing
2018 - 2020 Data:
Probably Decreasing' 'Probably Decreasing

Well Location

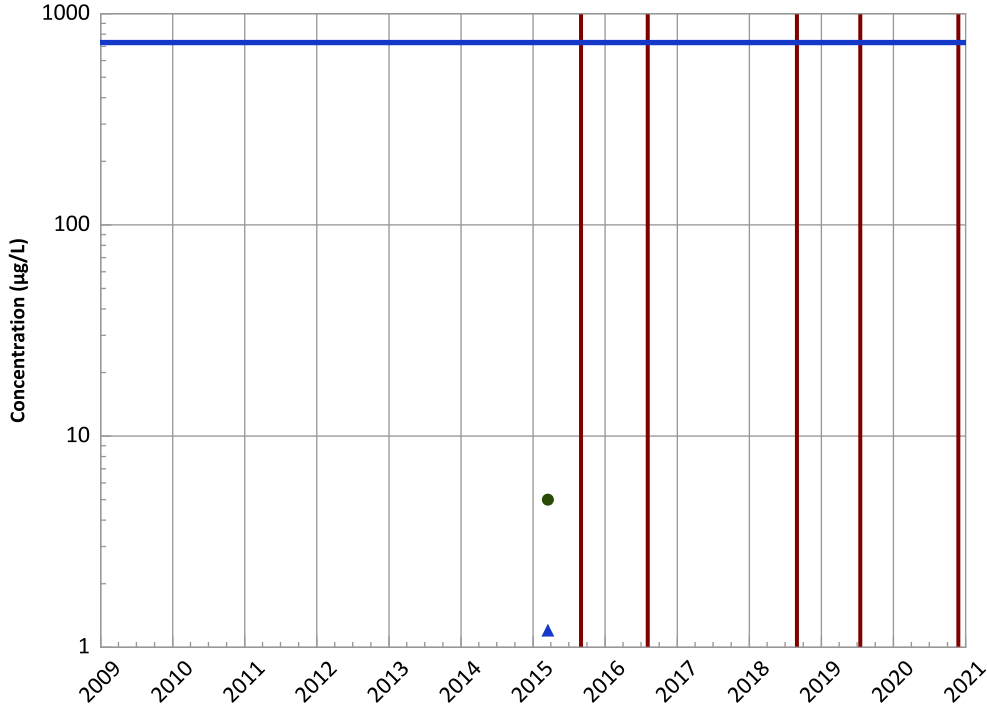


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

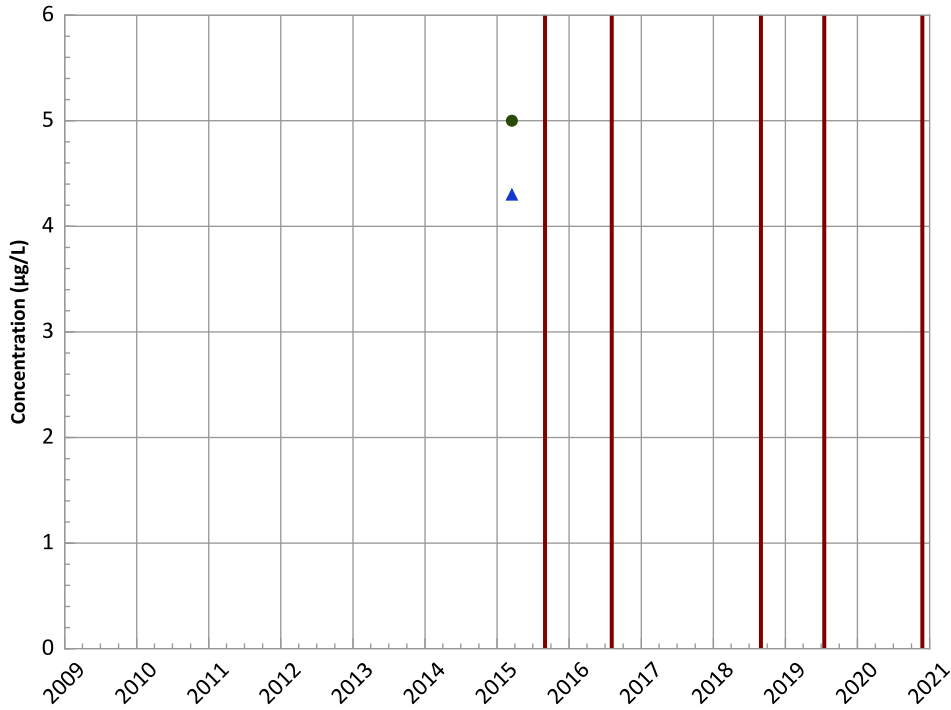
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

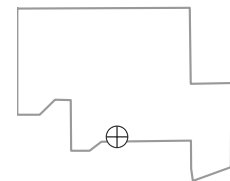
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

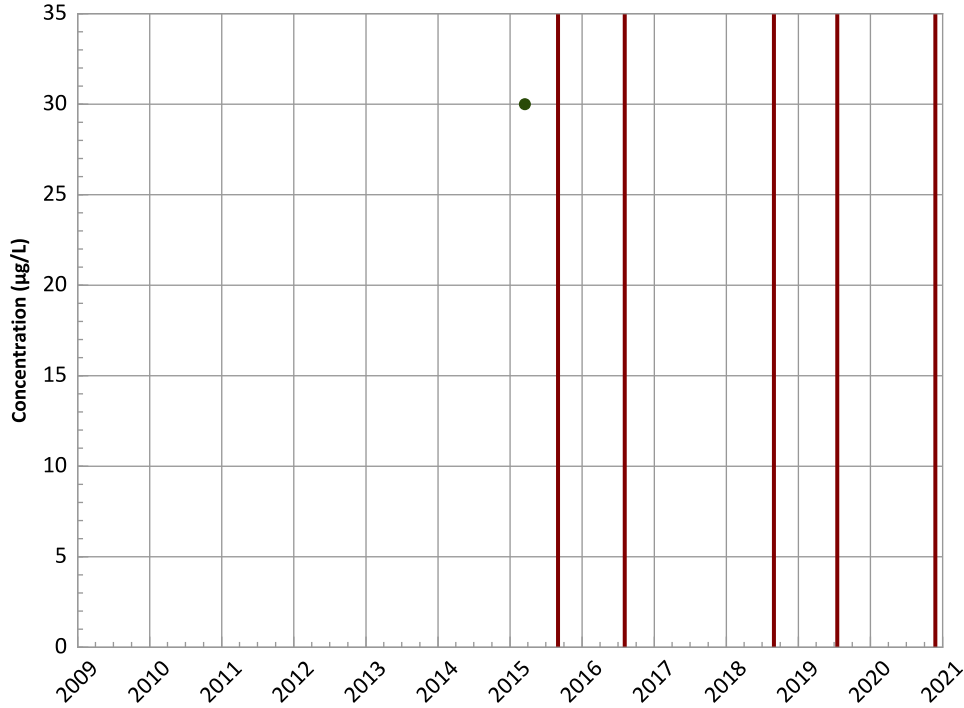


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

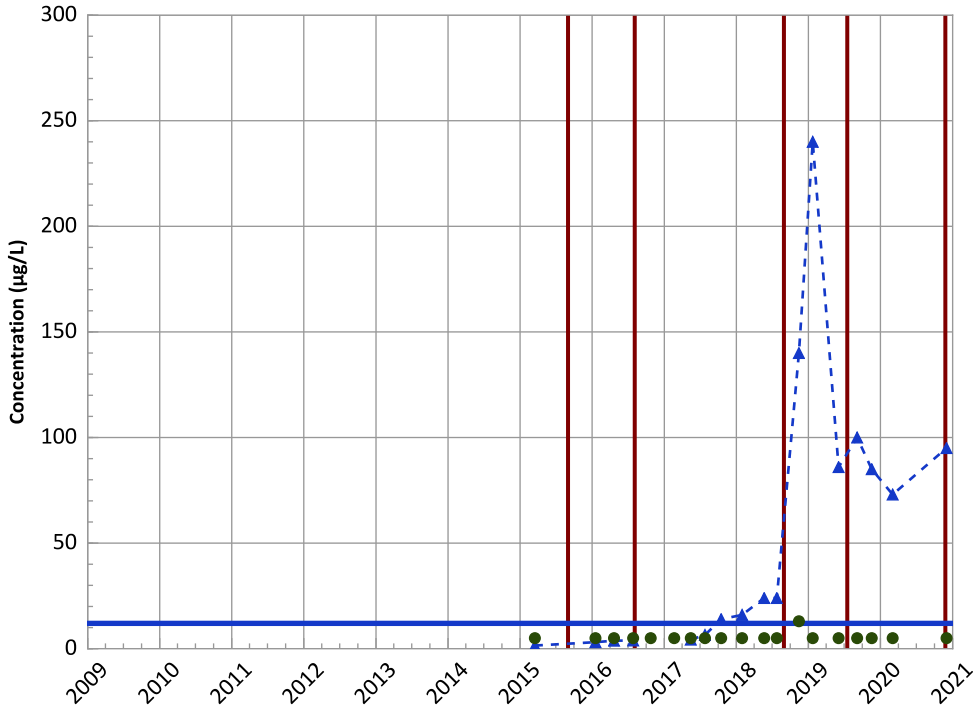


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Arsenic Trend

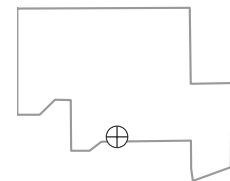


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

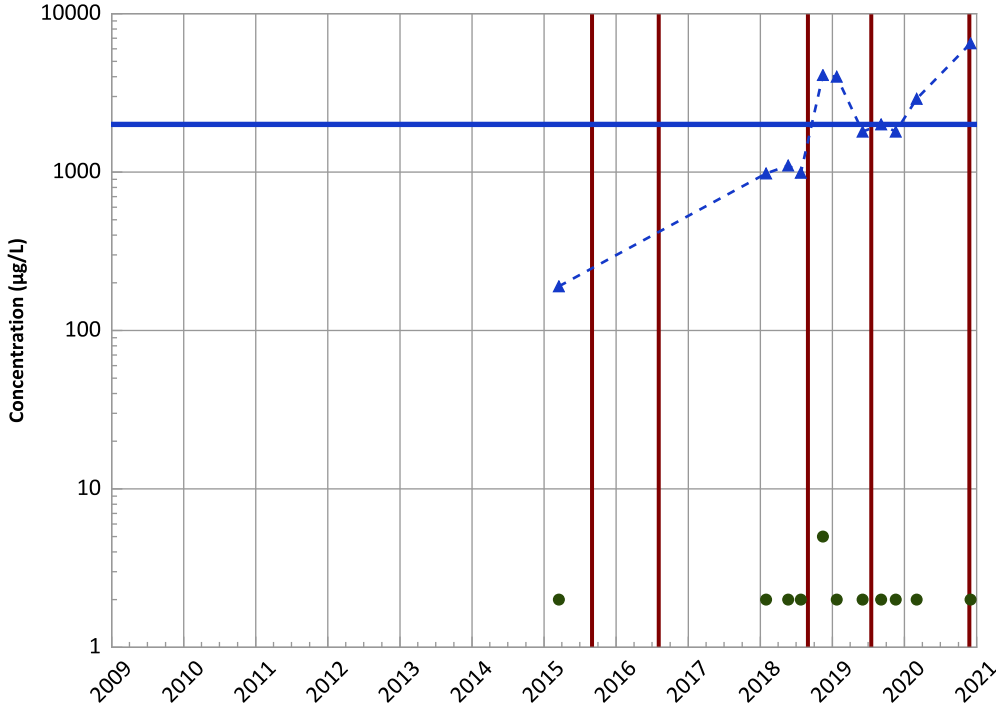


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

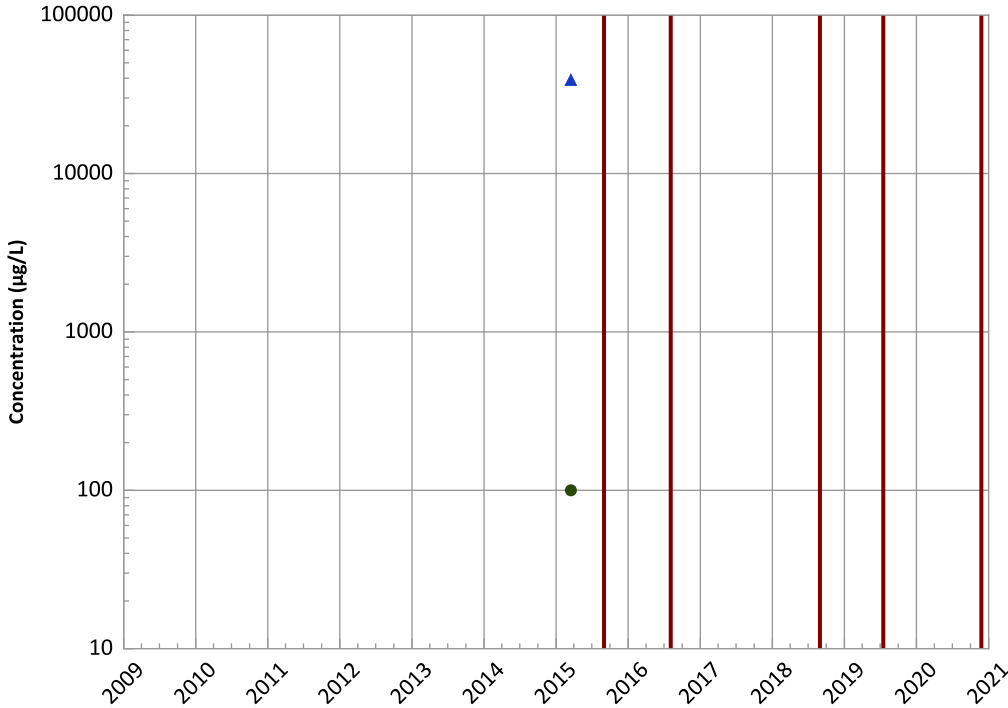


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Calcium Trend

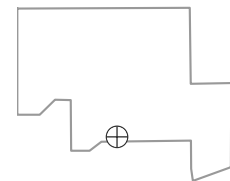


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

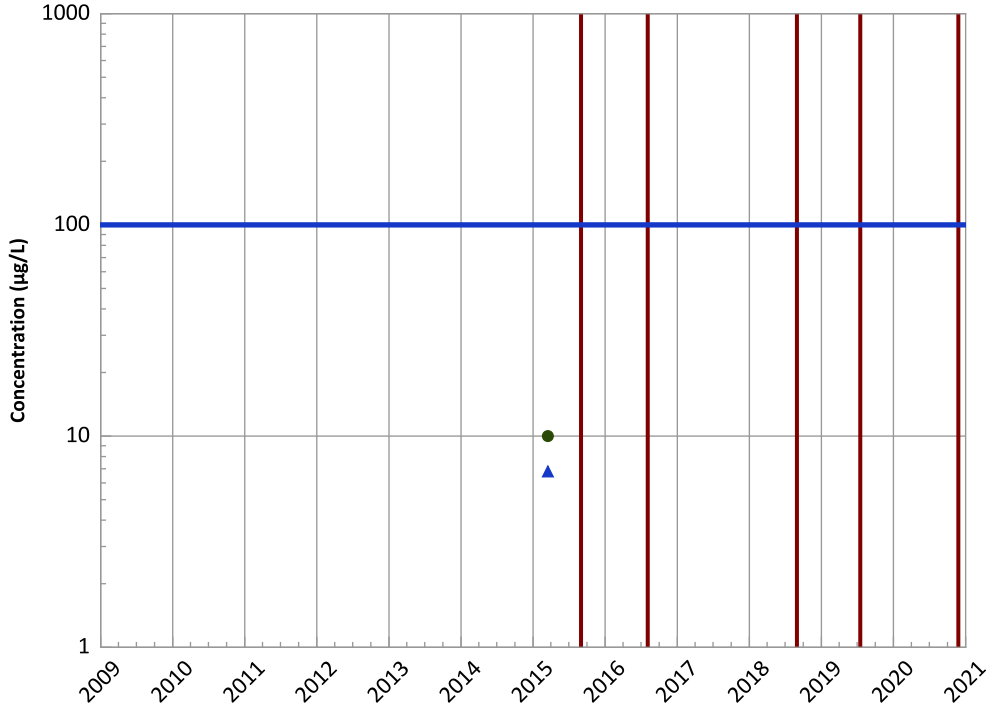


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

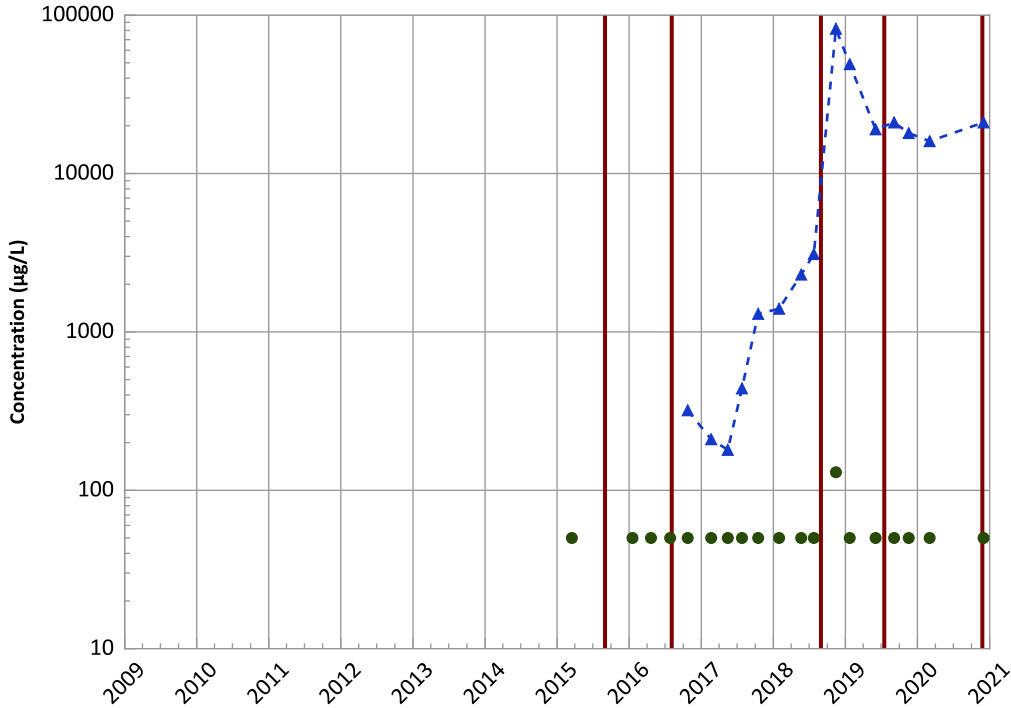


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Iron Trend

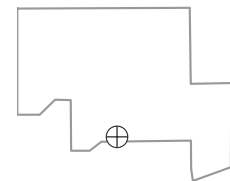


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

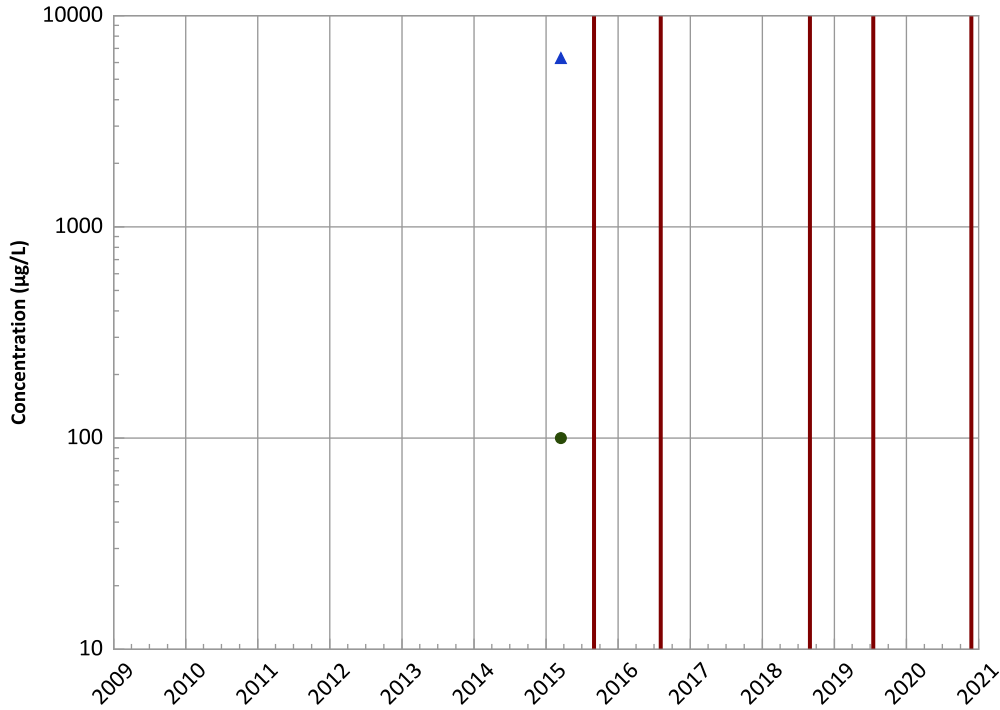


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

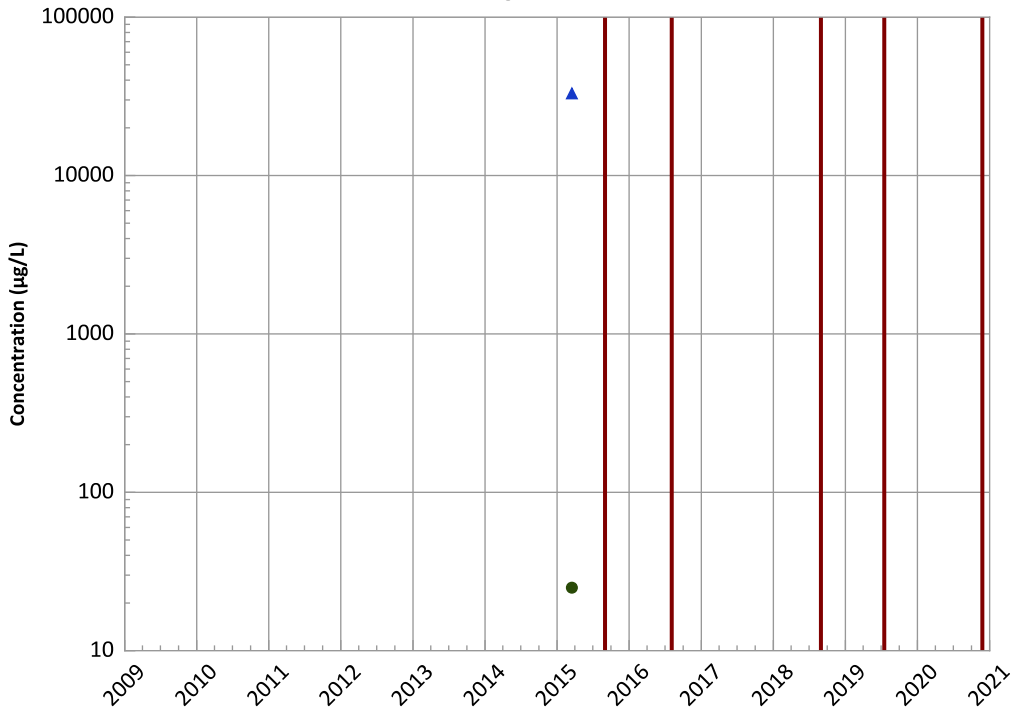
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

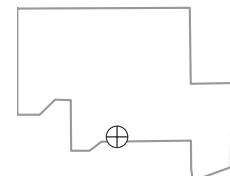
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

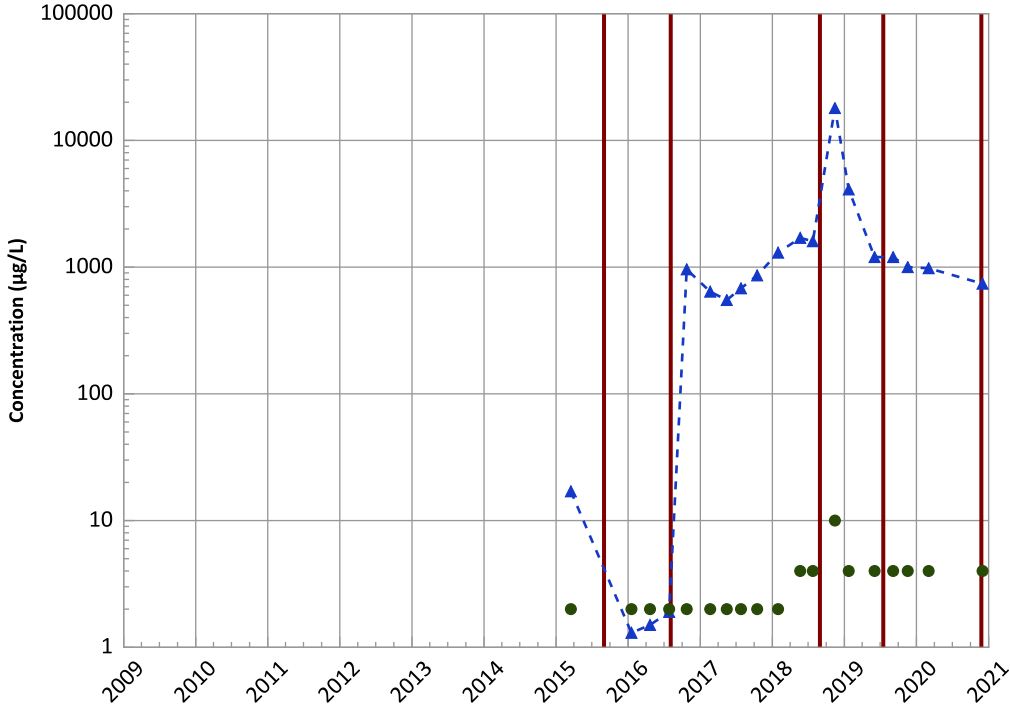


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing' 'Increasing

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

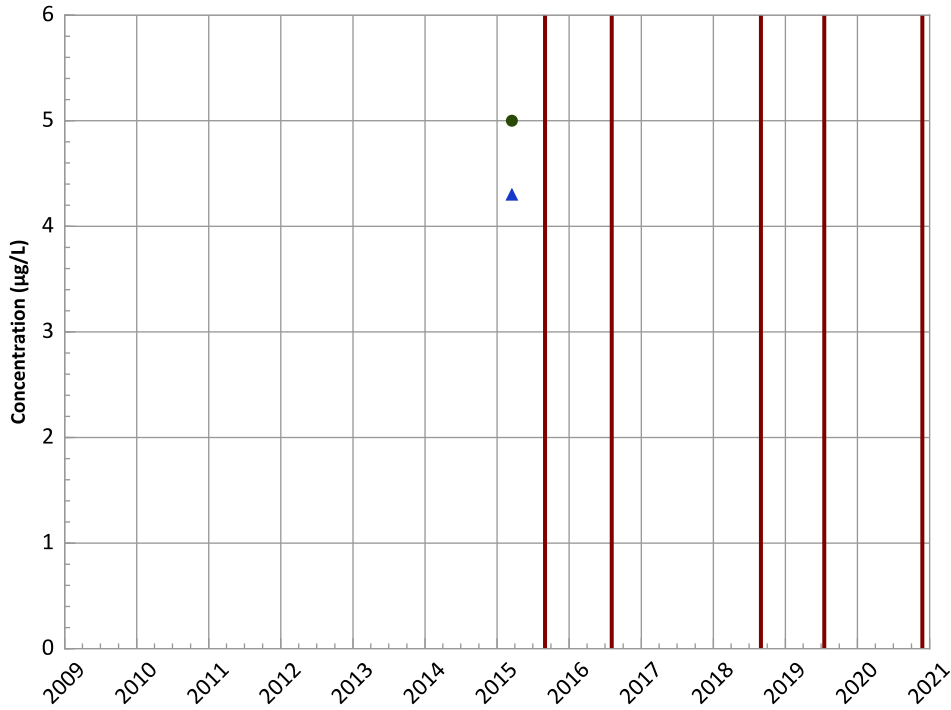
Data (7/2009 - 12/2020):

Increasing' 'Increasing

2018 - 2020 Data:

Probably Decreasing' 'Probably Decreasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

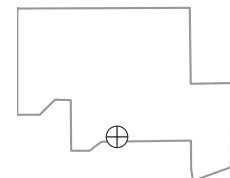
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

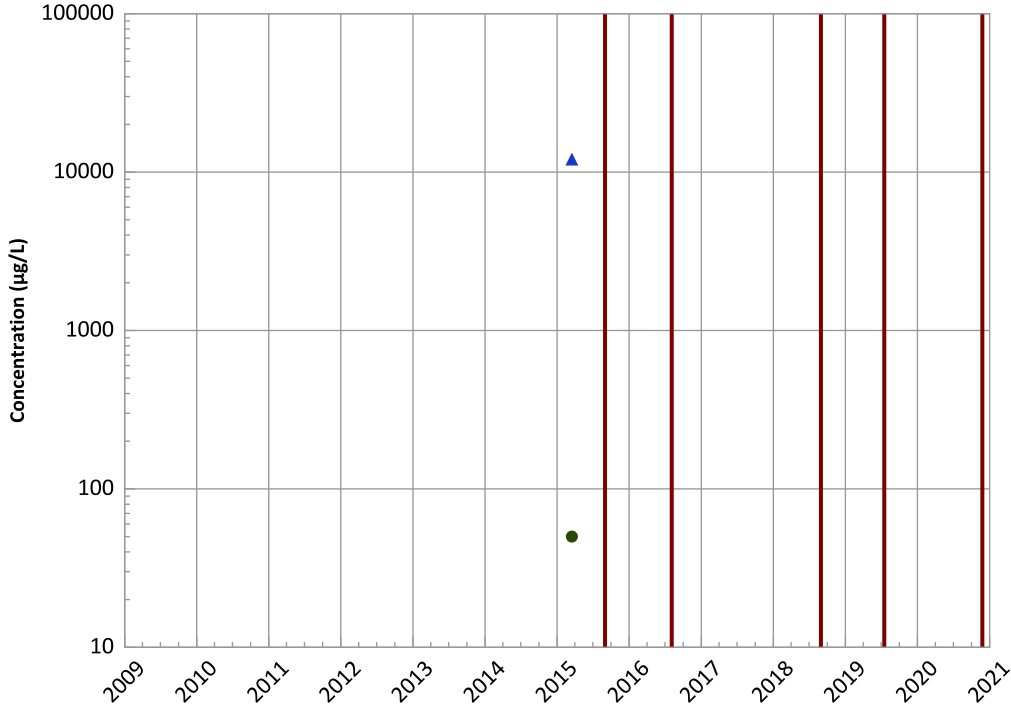


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

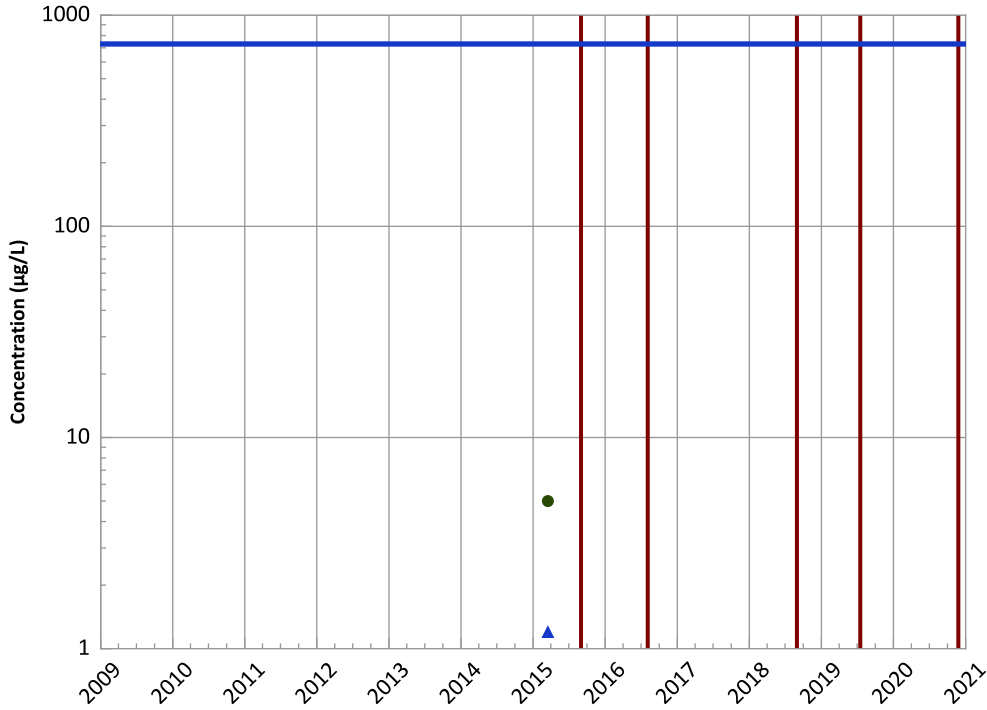
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

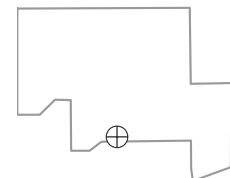
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

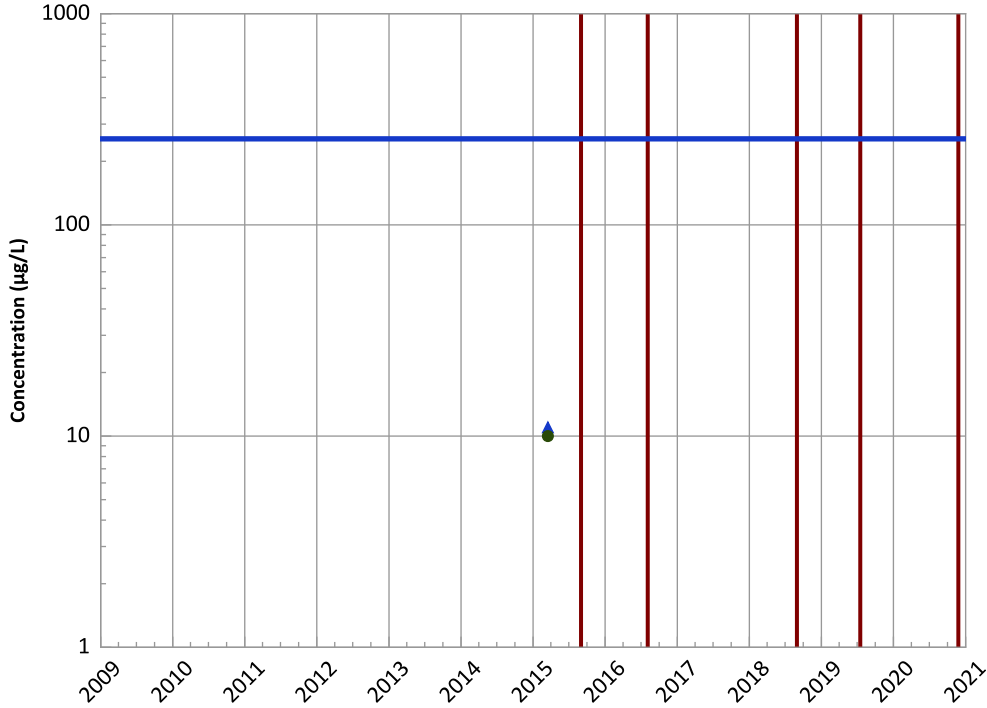


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

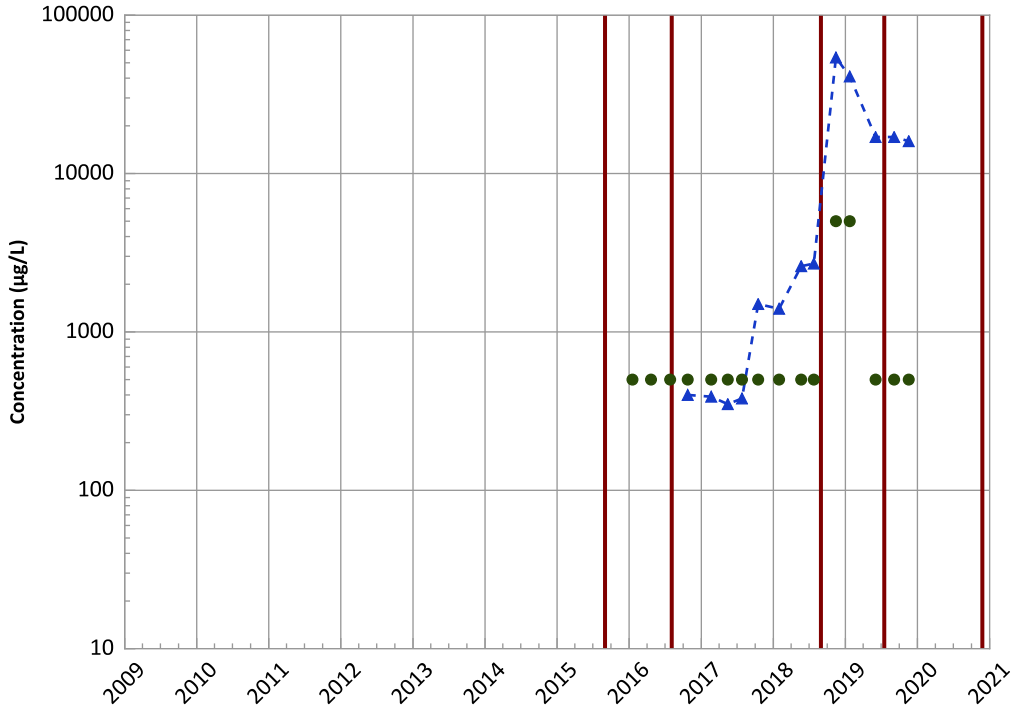
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

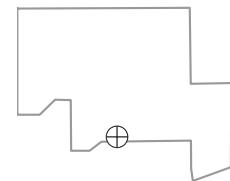
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Decreasing

Well Location

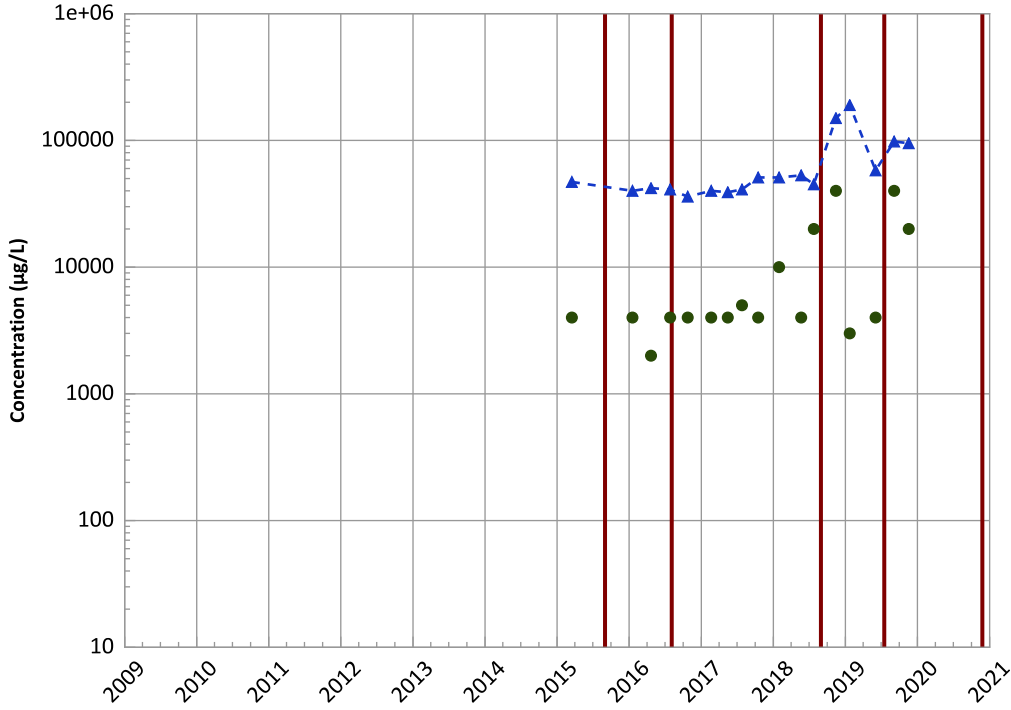


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

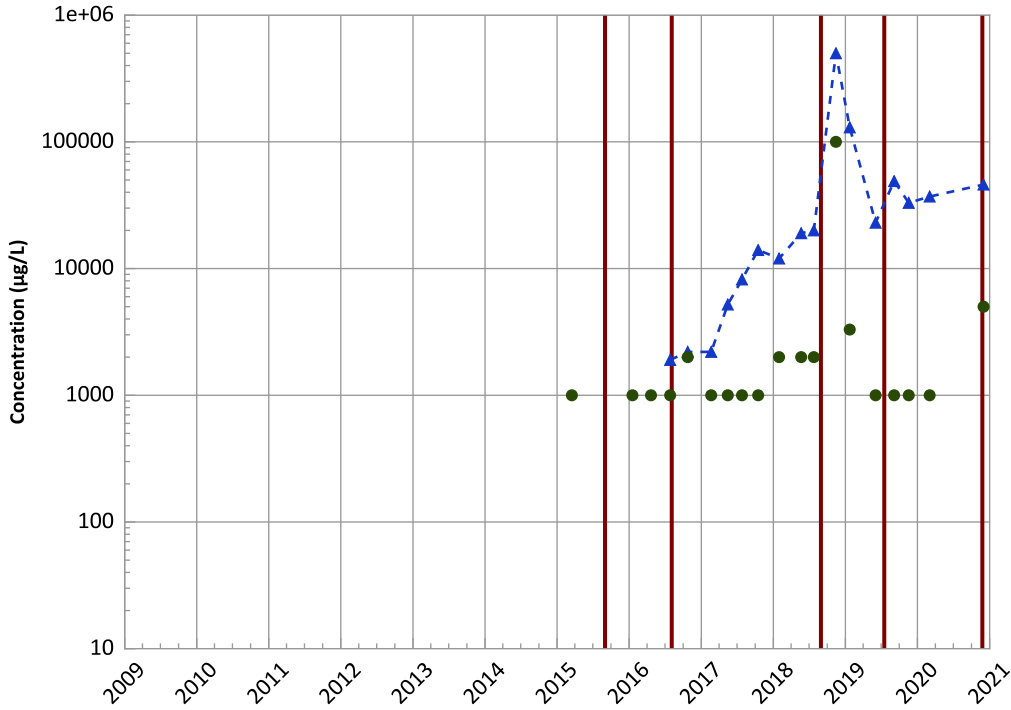


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Total Organic Carbon Trend

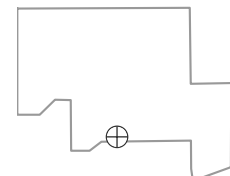


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

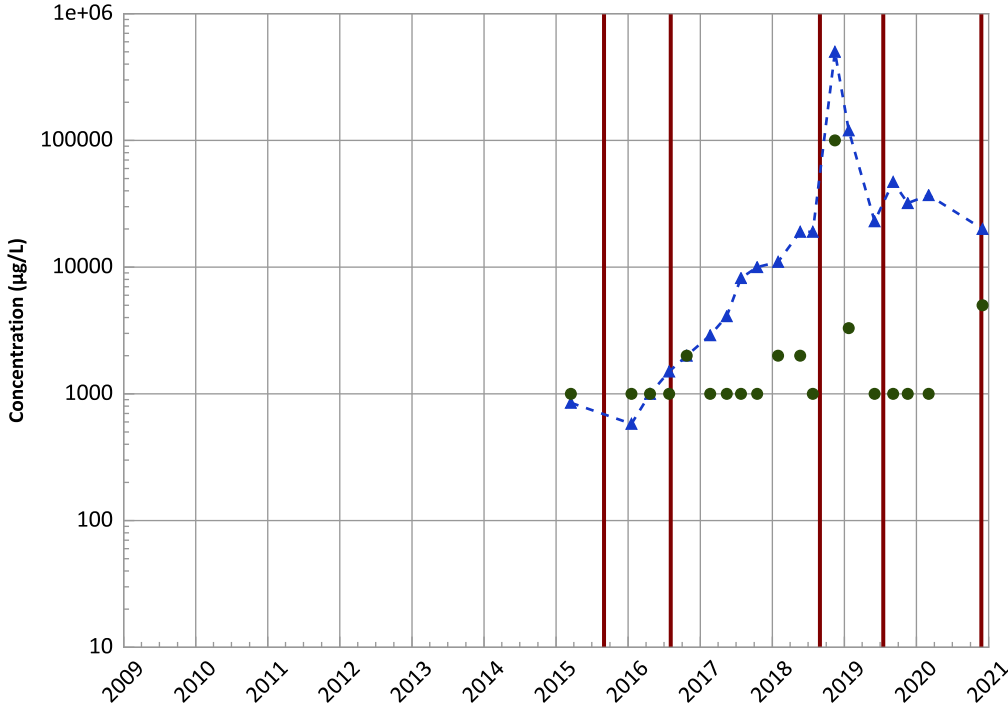


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

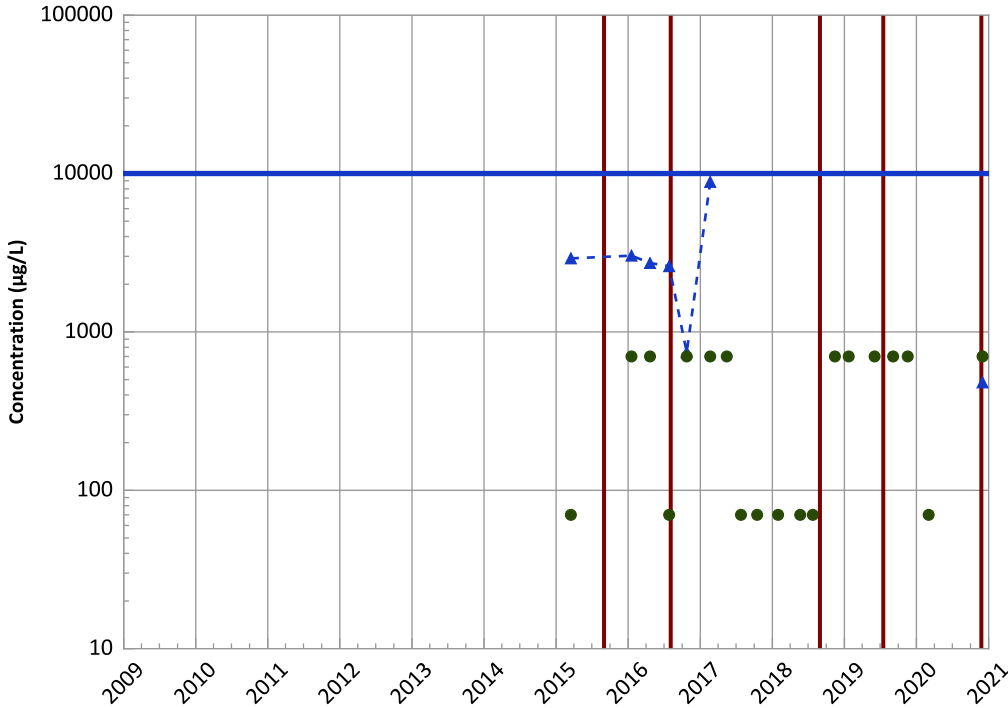


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Probably Decreasing

Nitrate as N Trend

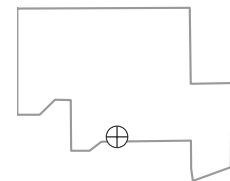


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
Probably Decreasing

Well Location

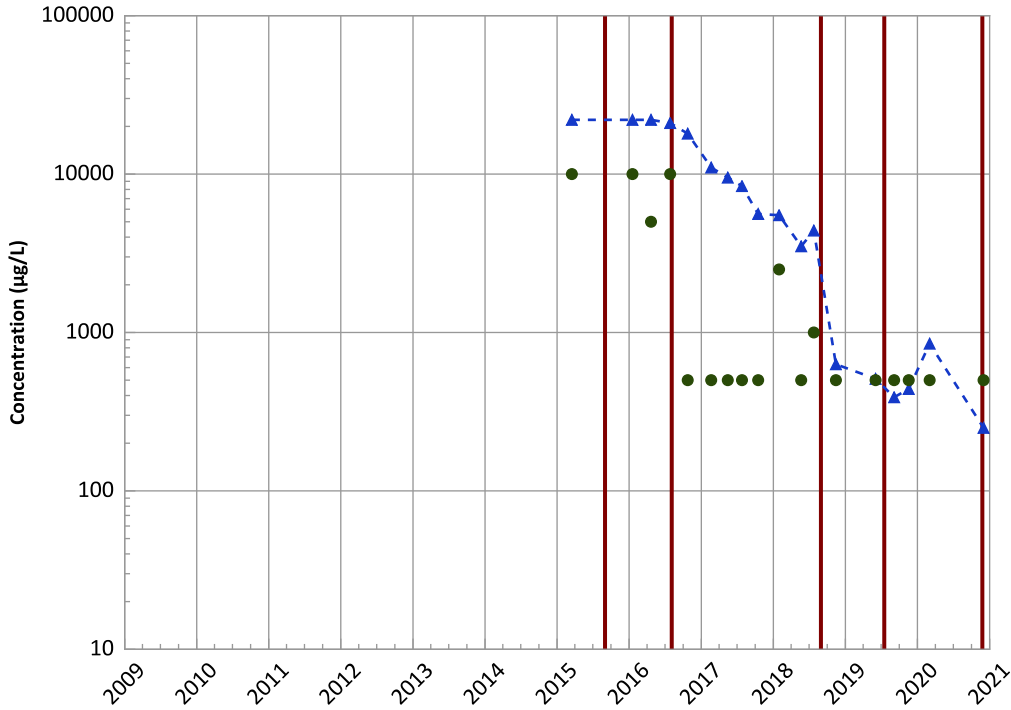


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

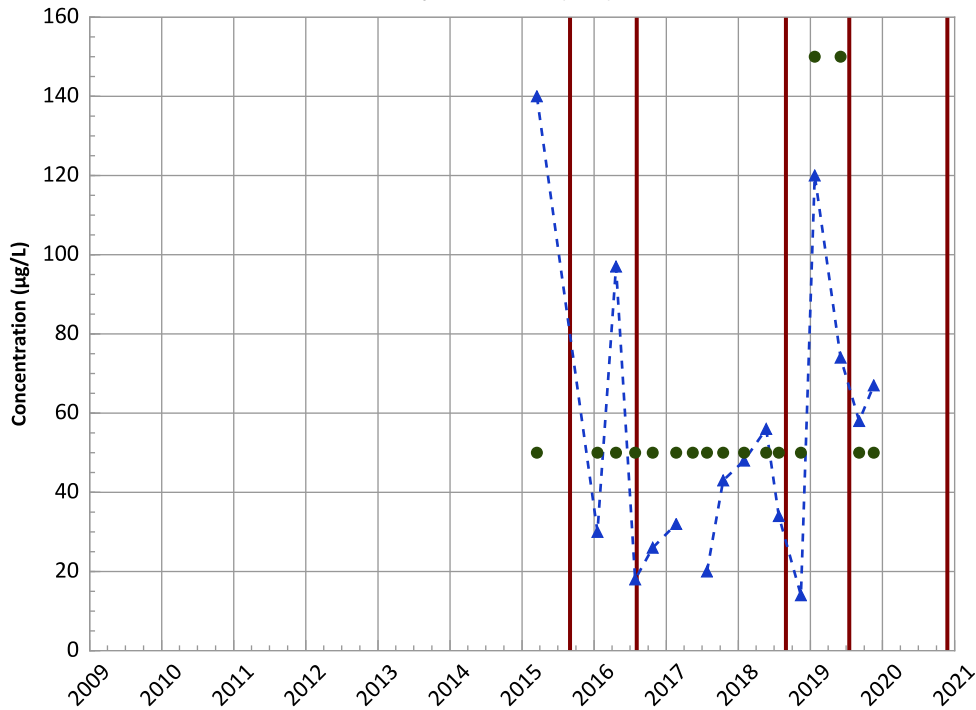


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Phosphorus, Total (as P) Trend

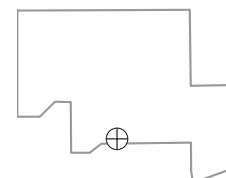


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Decreasing

Well Location

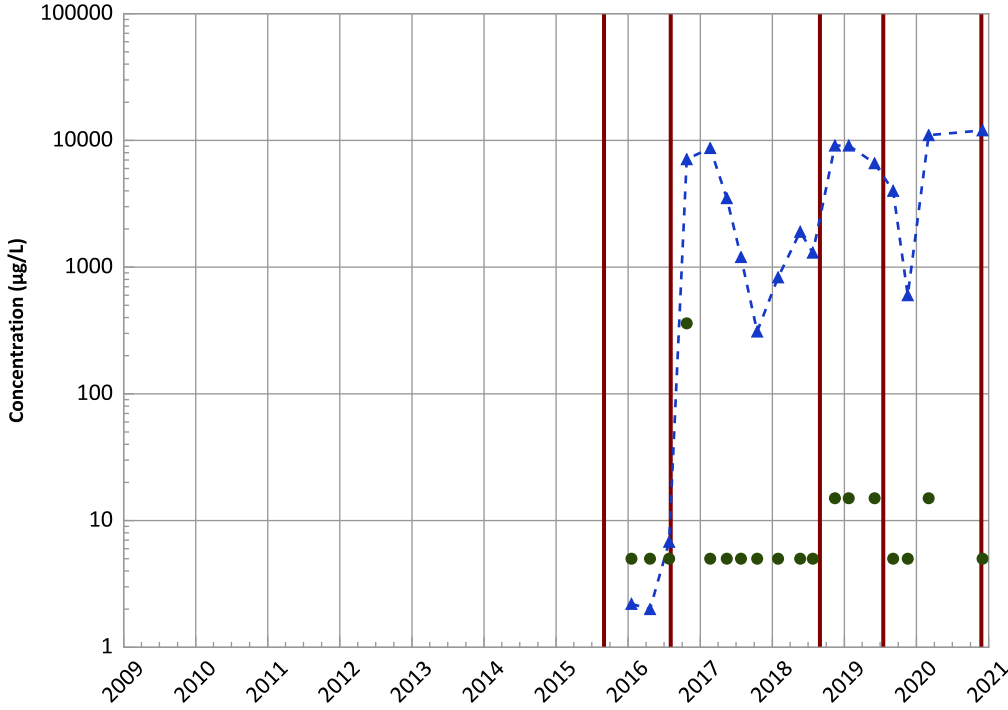


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

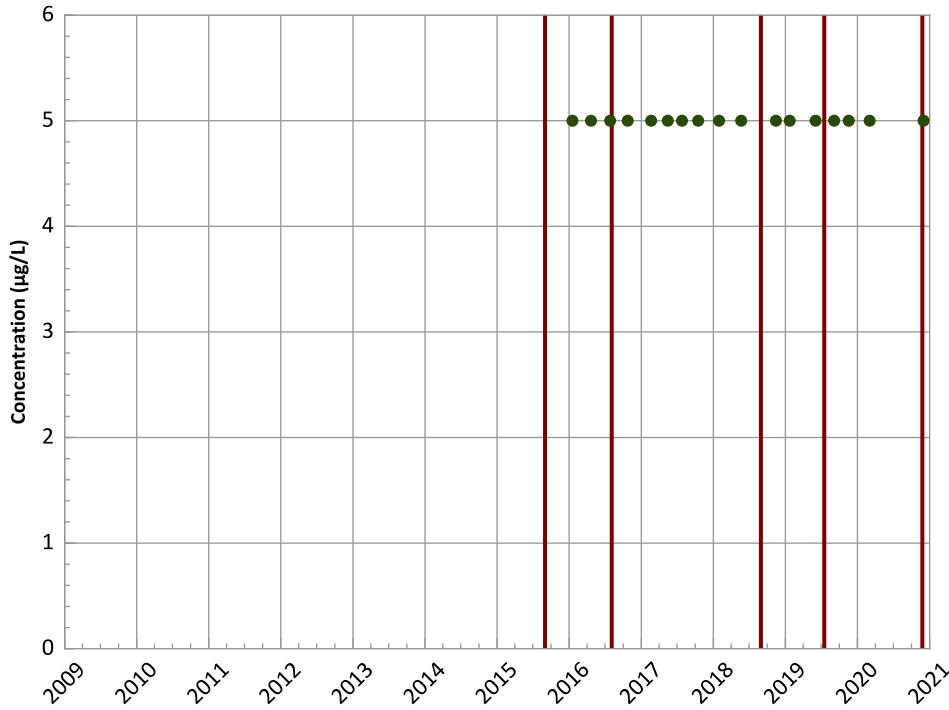


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Ethane Trend

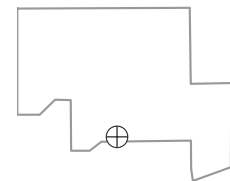


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

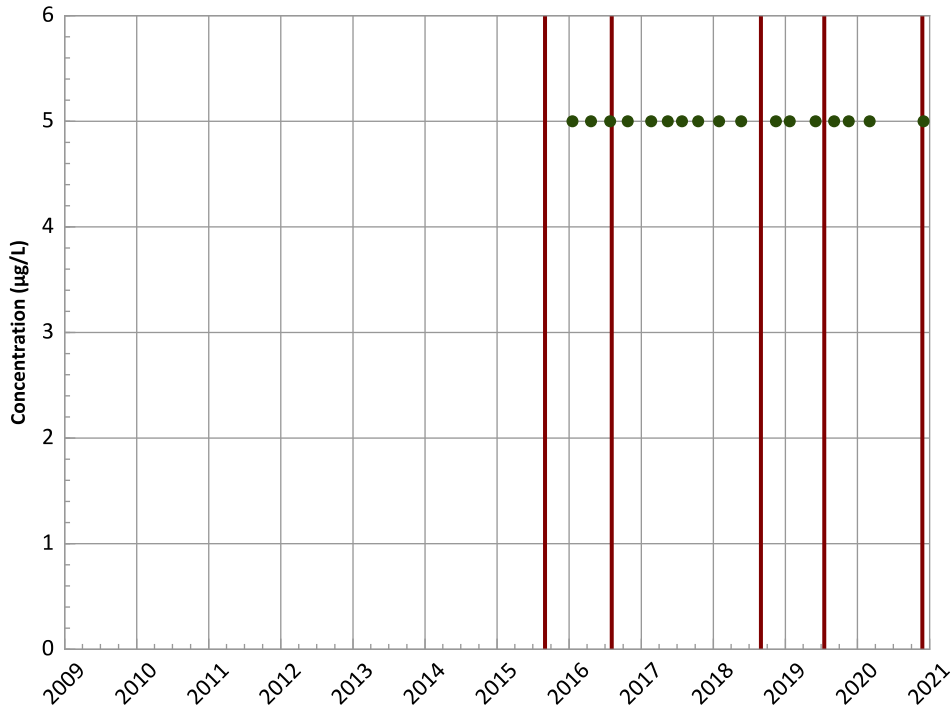
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant
Ethene (Ethylene) Trend**

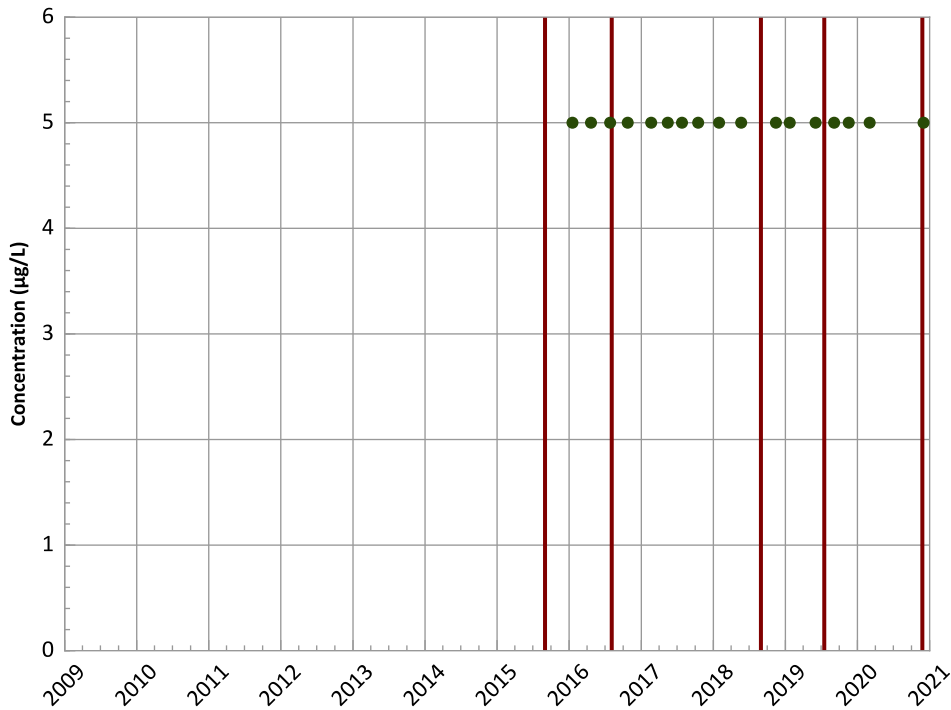


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Trend

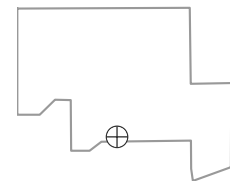


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

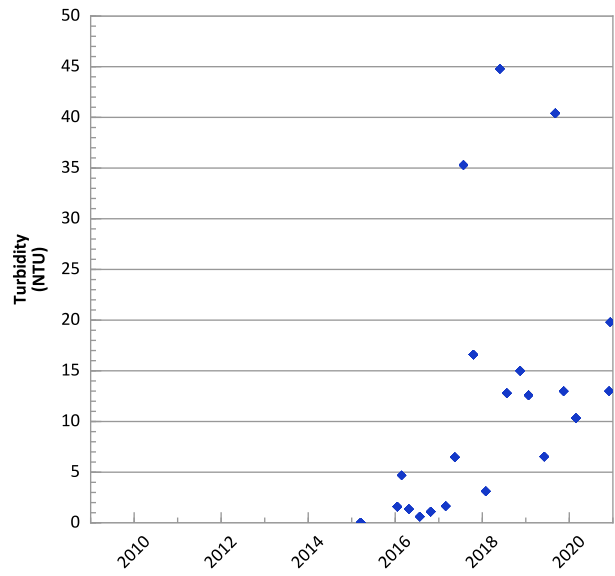
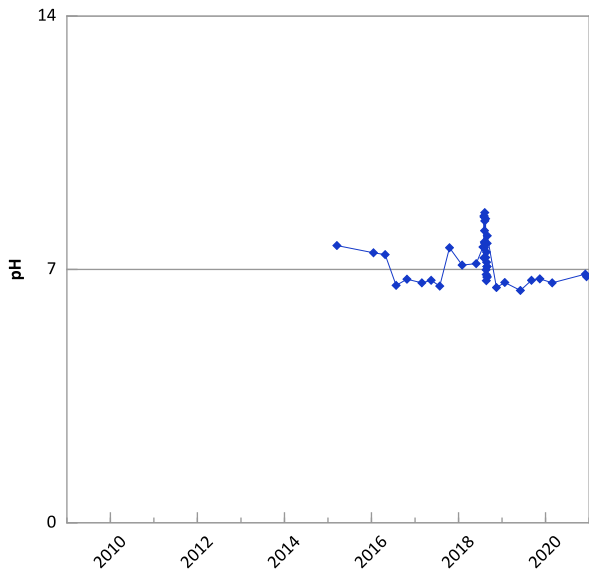
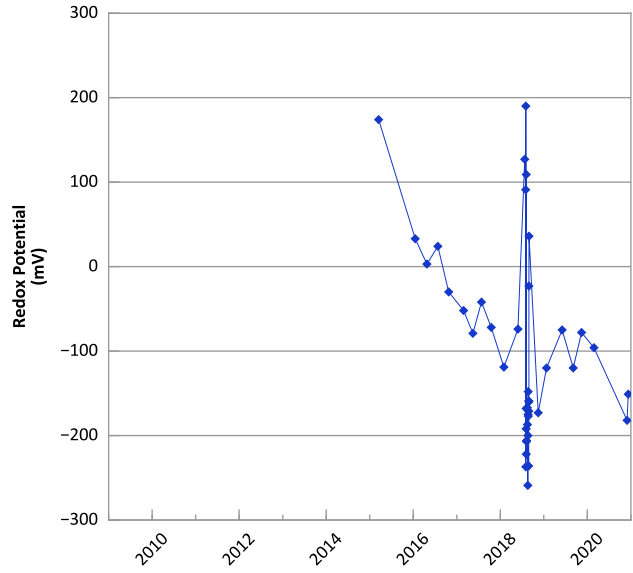
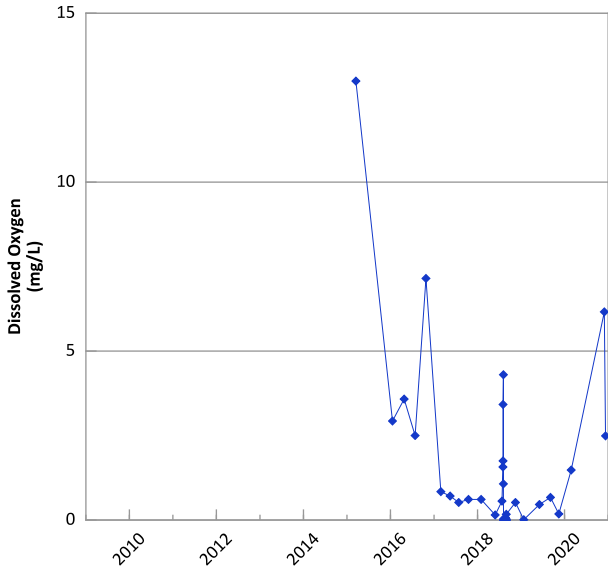
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/01/2020
Analysis Date: 06/03/2021

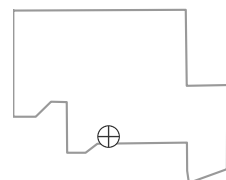
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**

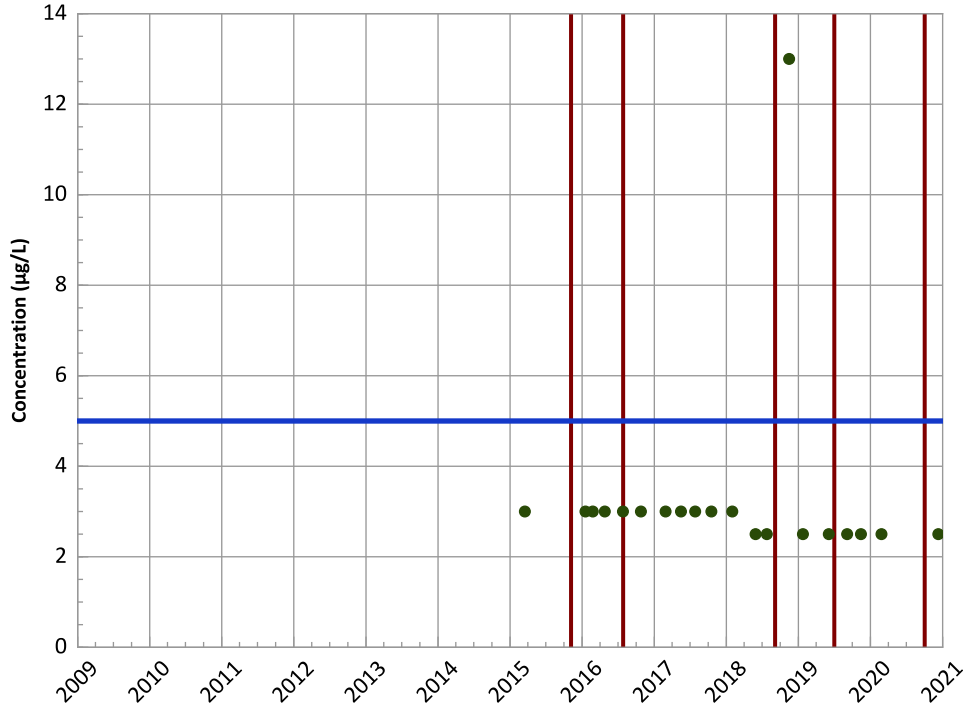


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/17/2015 to 12/10/2020
 Analysis Date: 06/03/2021

Well Location



**PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

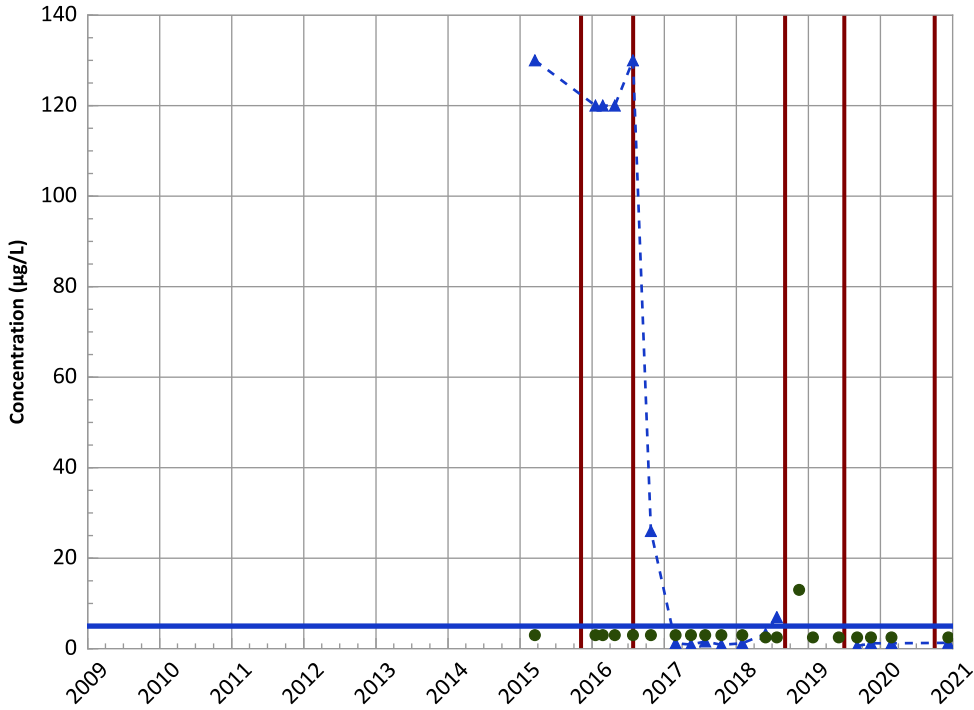


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

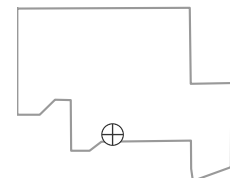
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Increasing

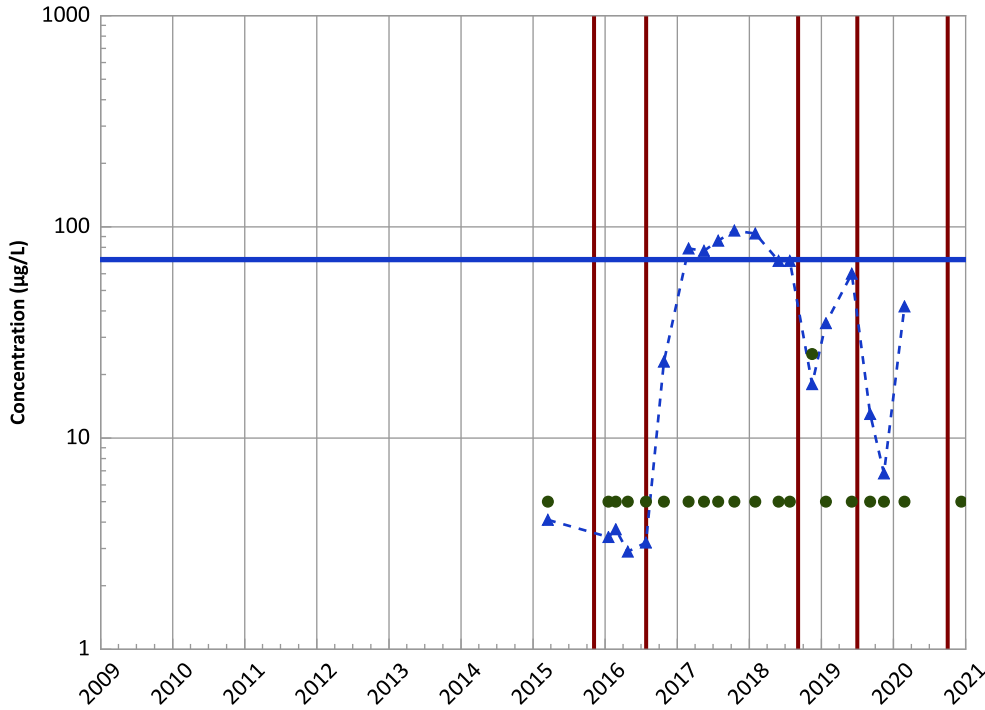
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



**PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend

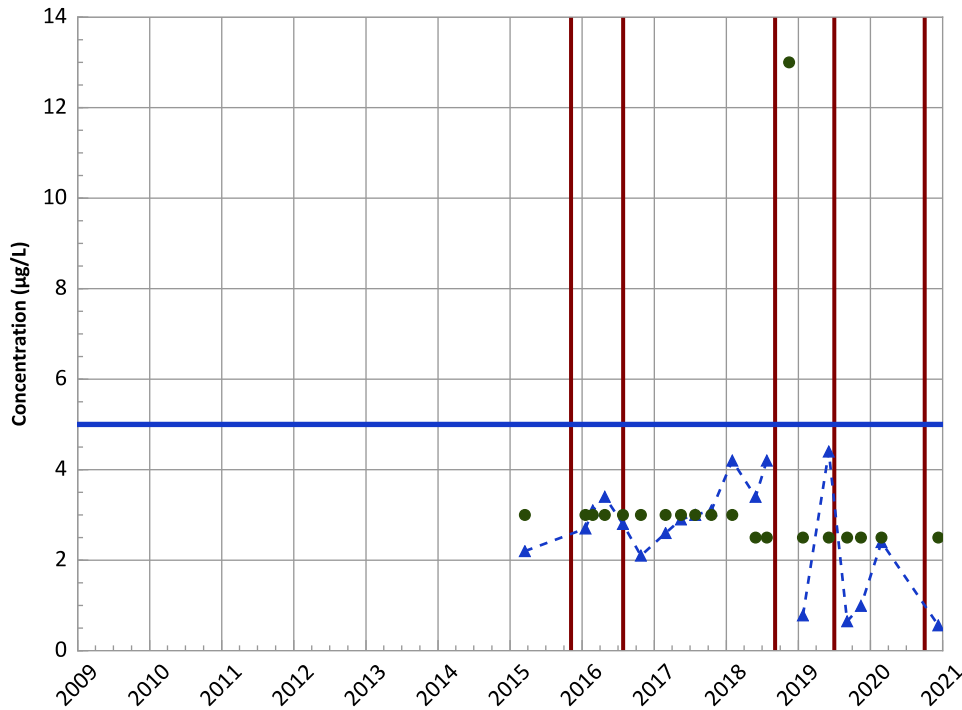


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

1,2-Dichloroethane Trend

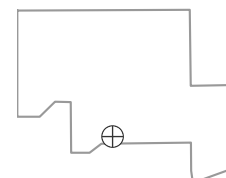


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Well Location

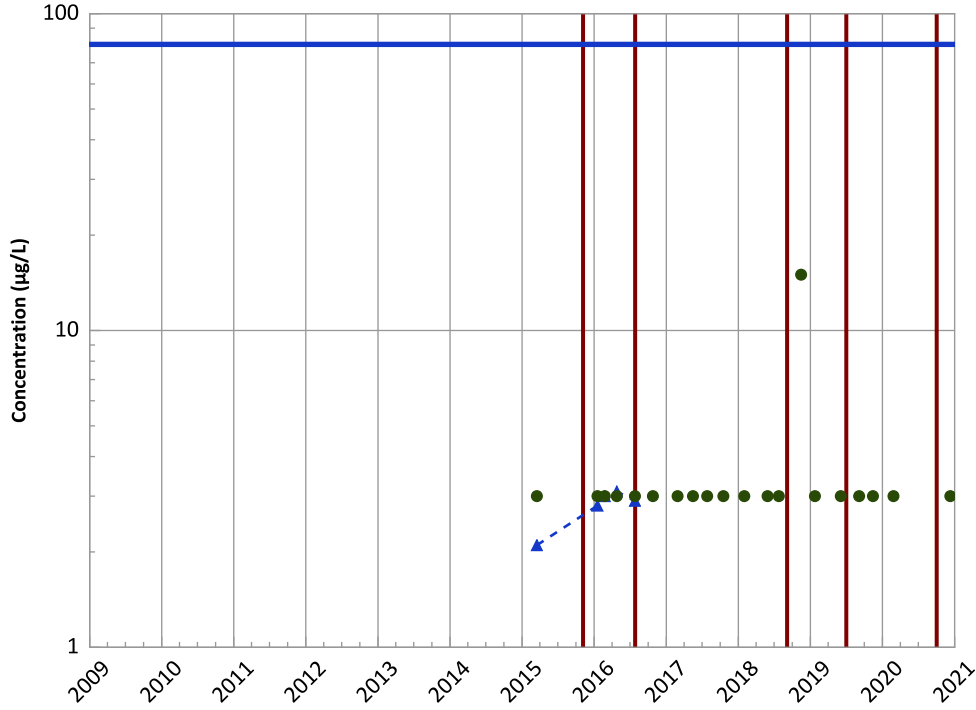


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

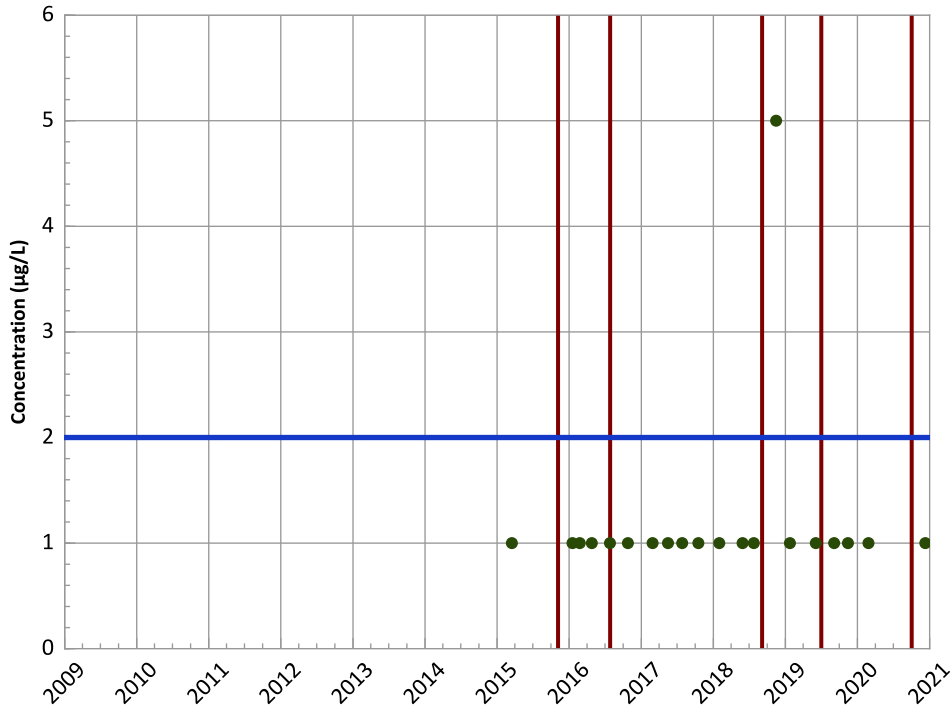


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Vinyl Chloride Trend

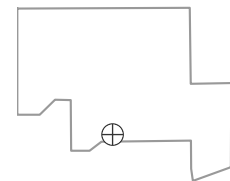


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

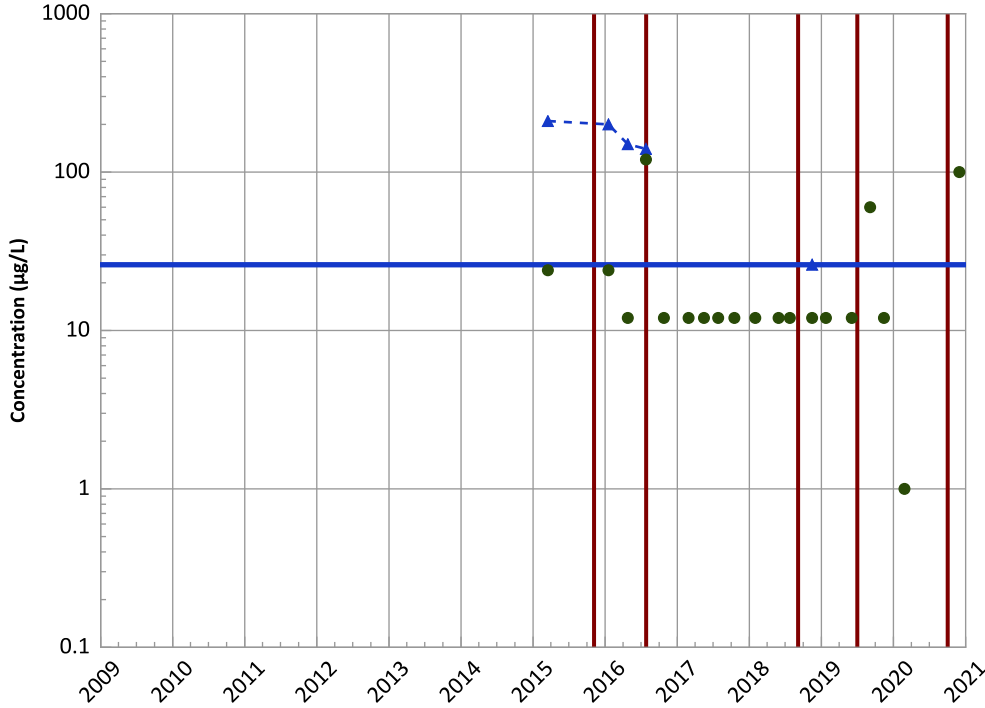


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

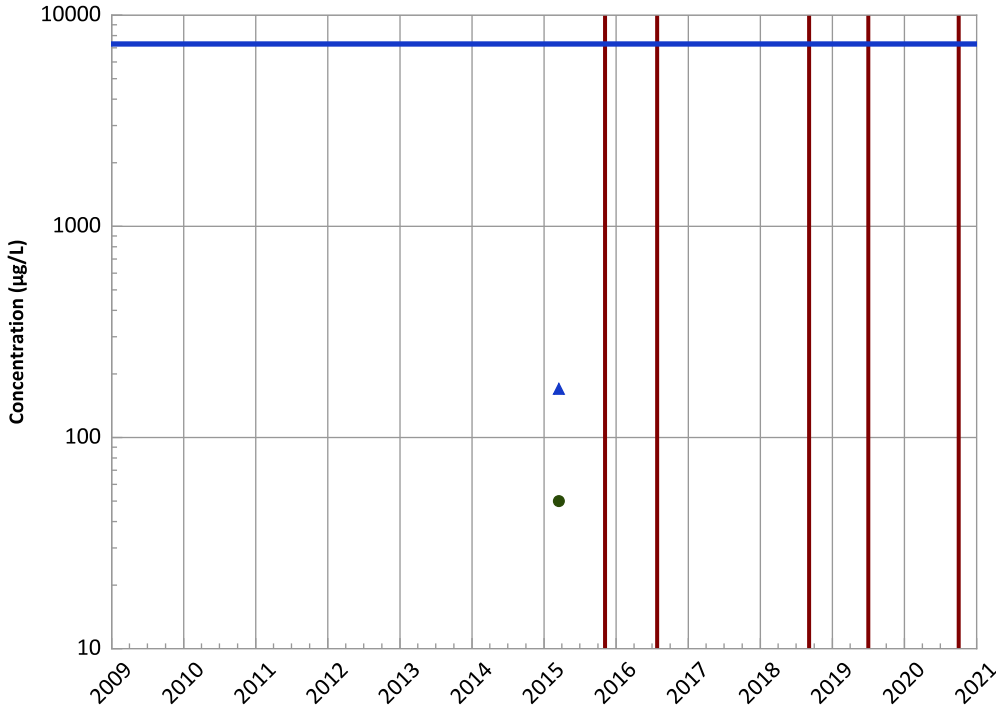


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Boron Trend

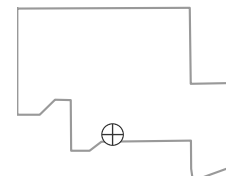


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

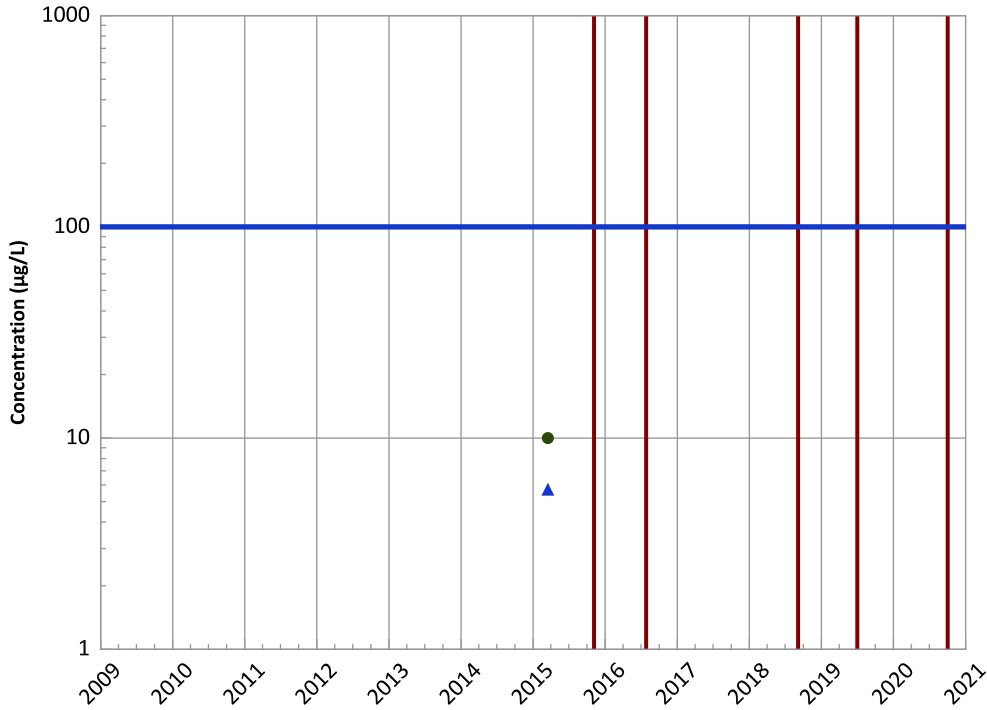


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

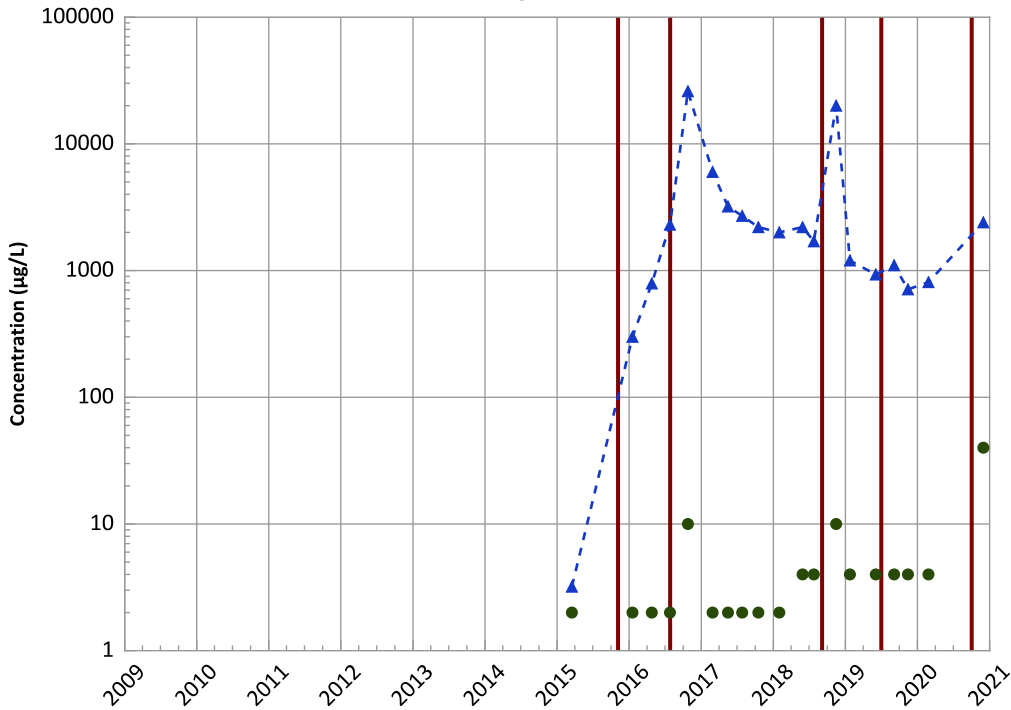
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

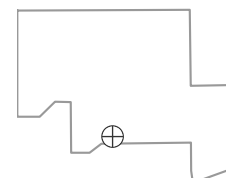
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
No Trend' 'No Trend
2018 - 2020 Data:
No Trend' 'No Trend

Well Location

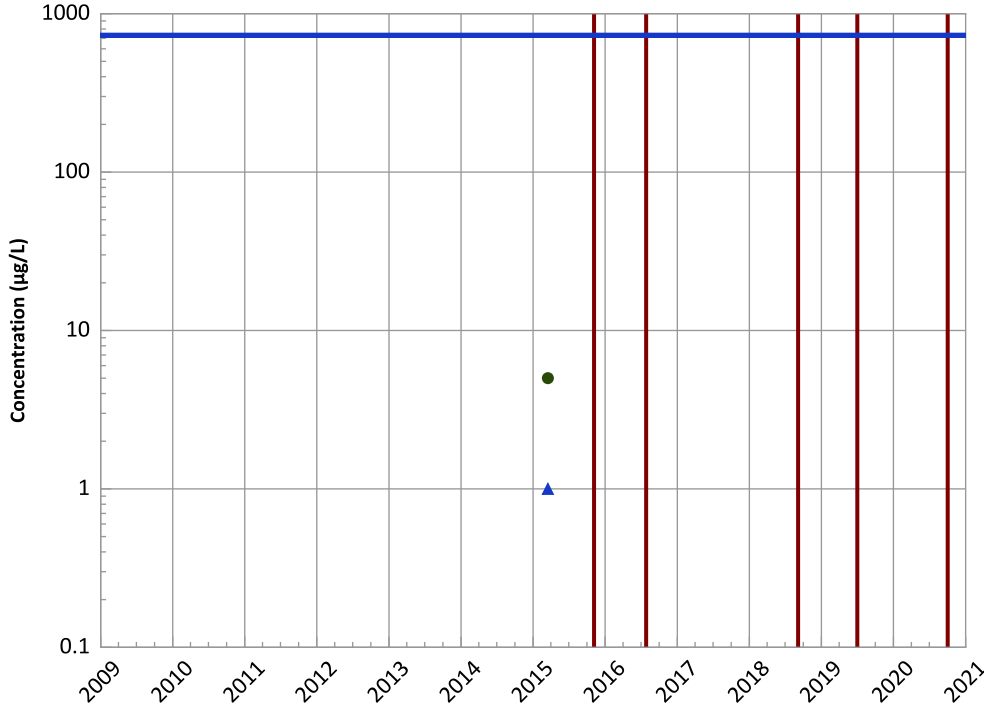


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

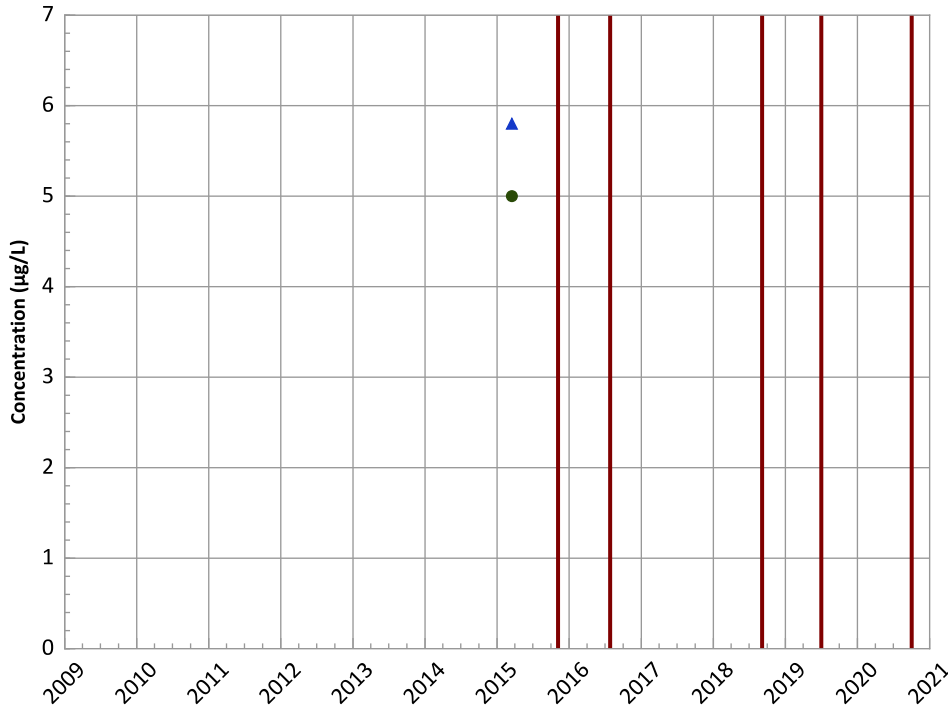
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

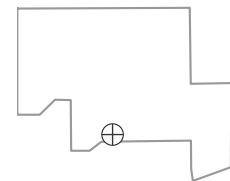
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

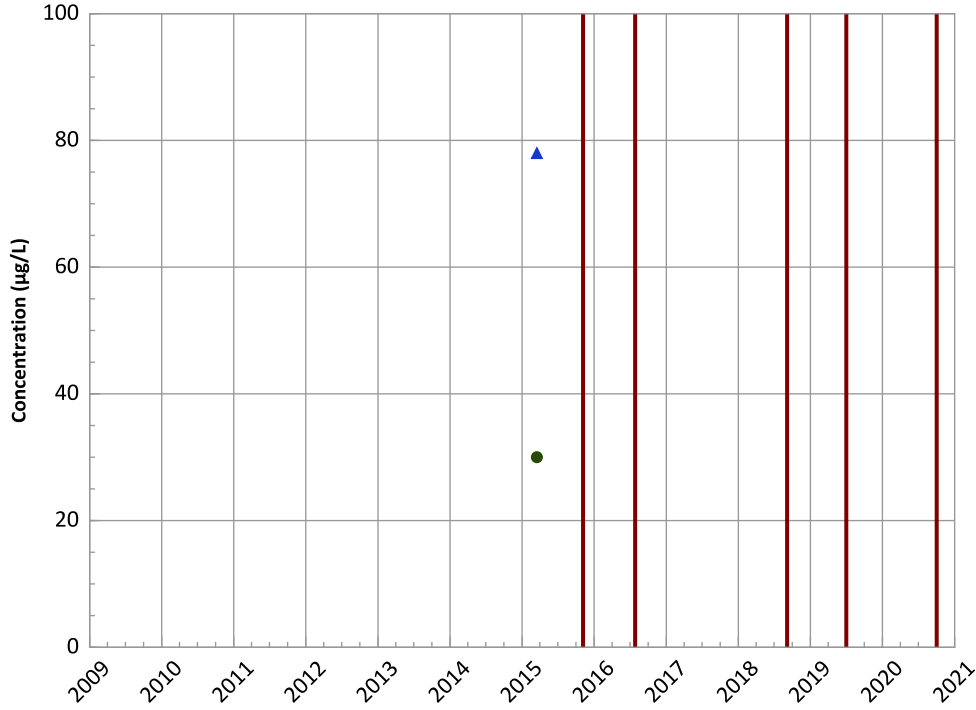


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

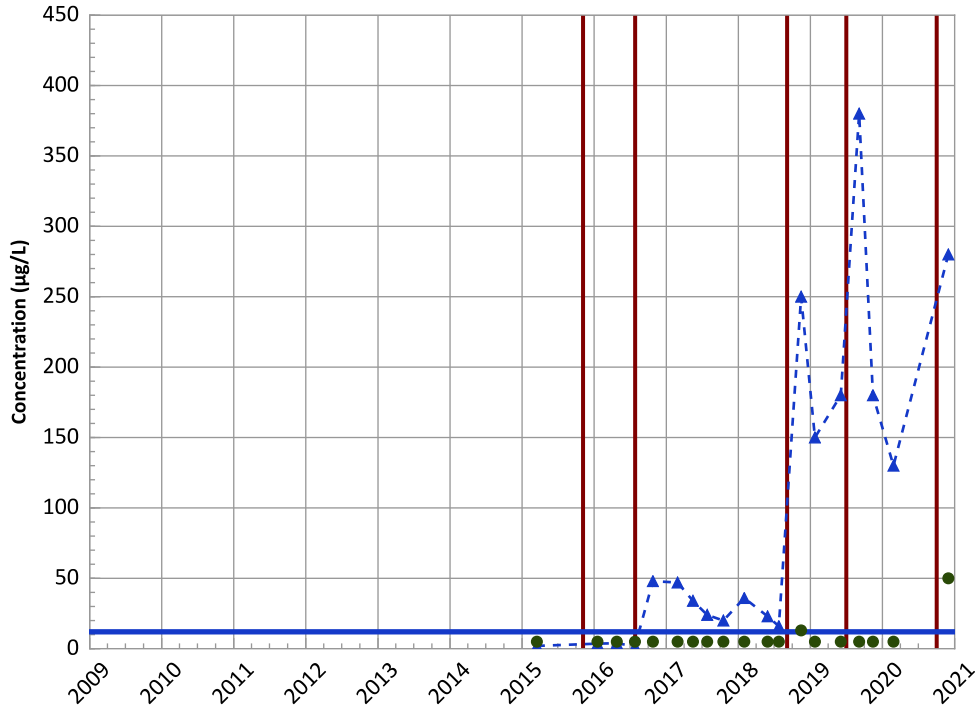
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

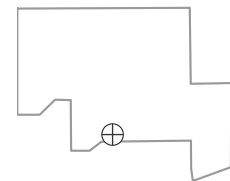
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Stable

Well Location

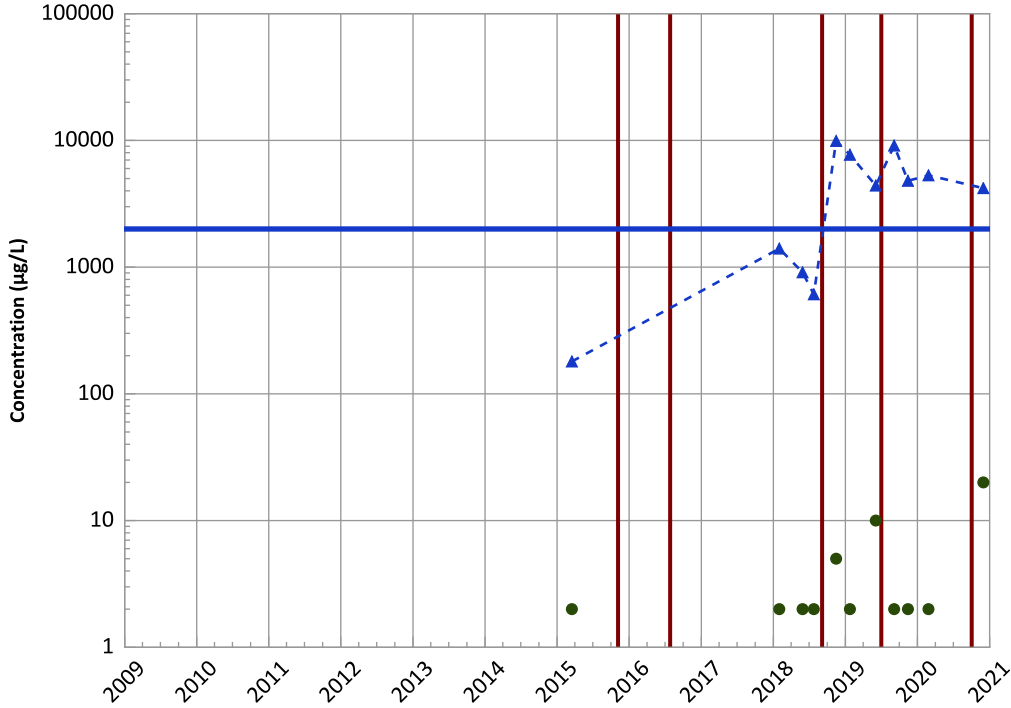


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

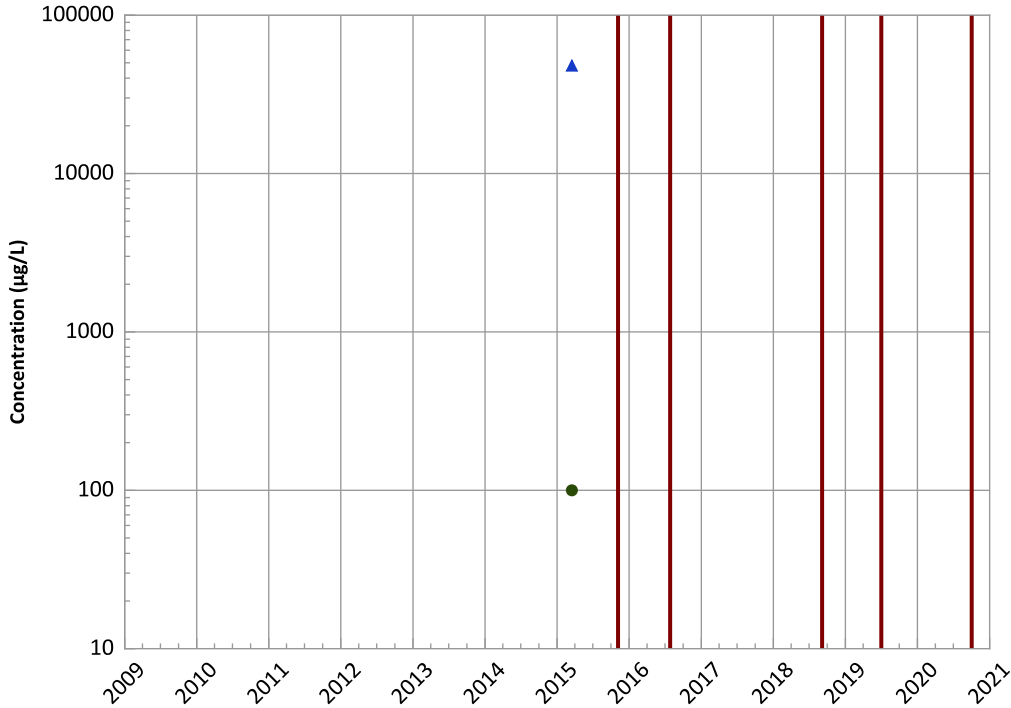


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

Calcium Trend

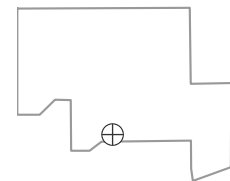


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

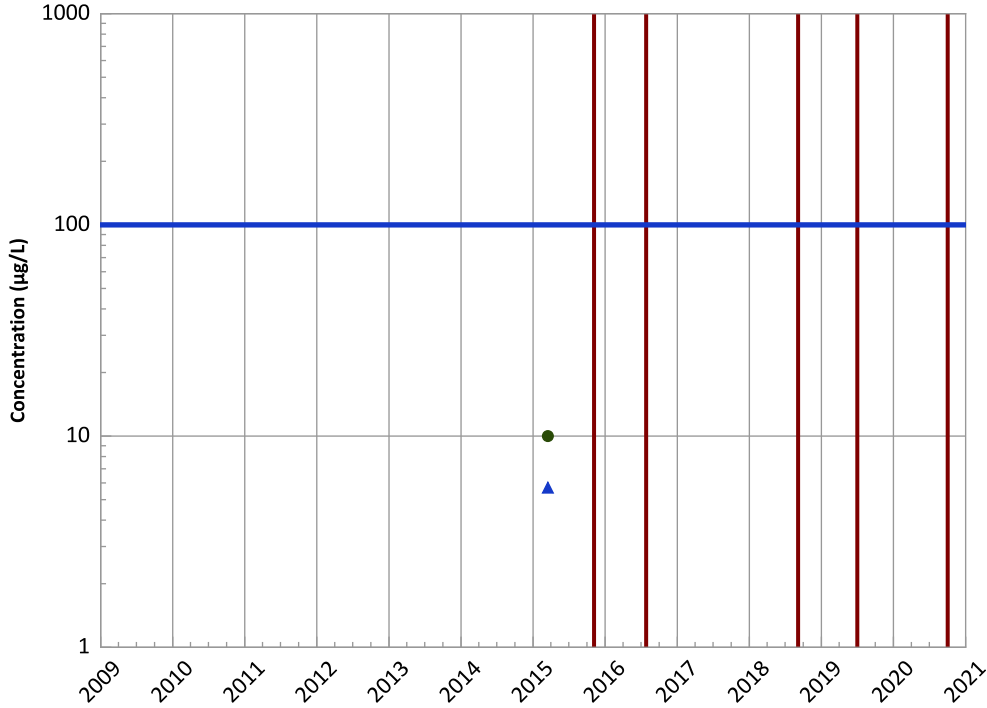


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

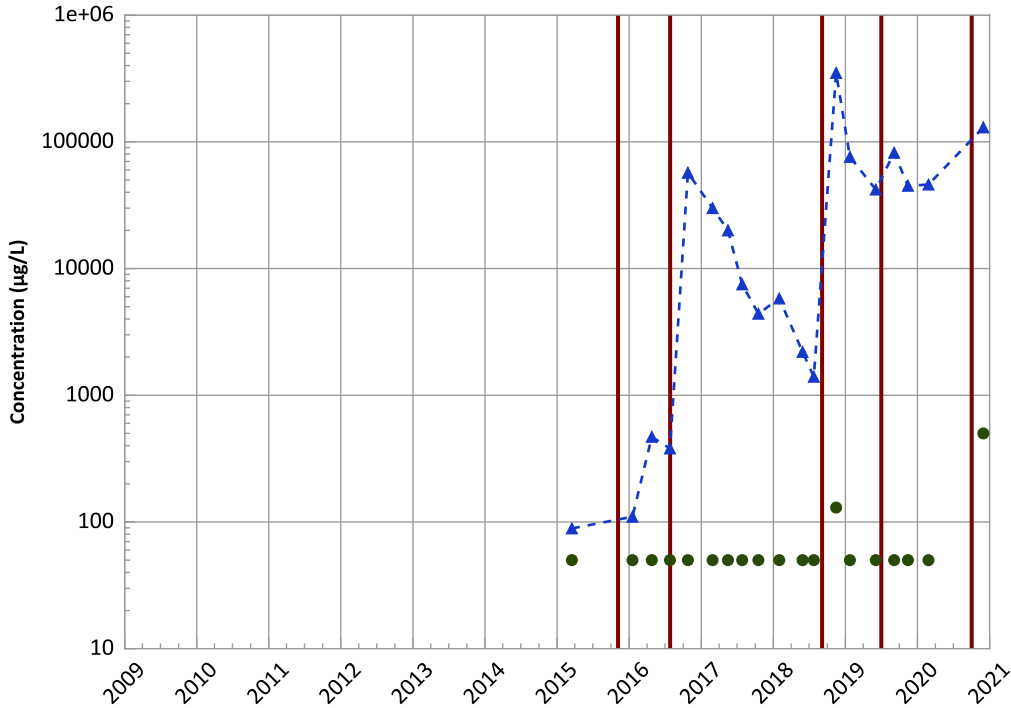
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

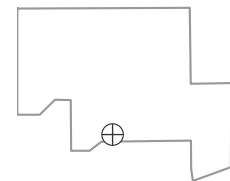
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

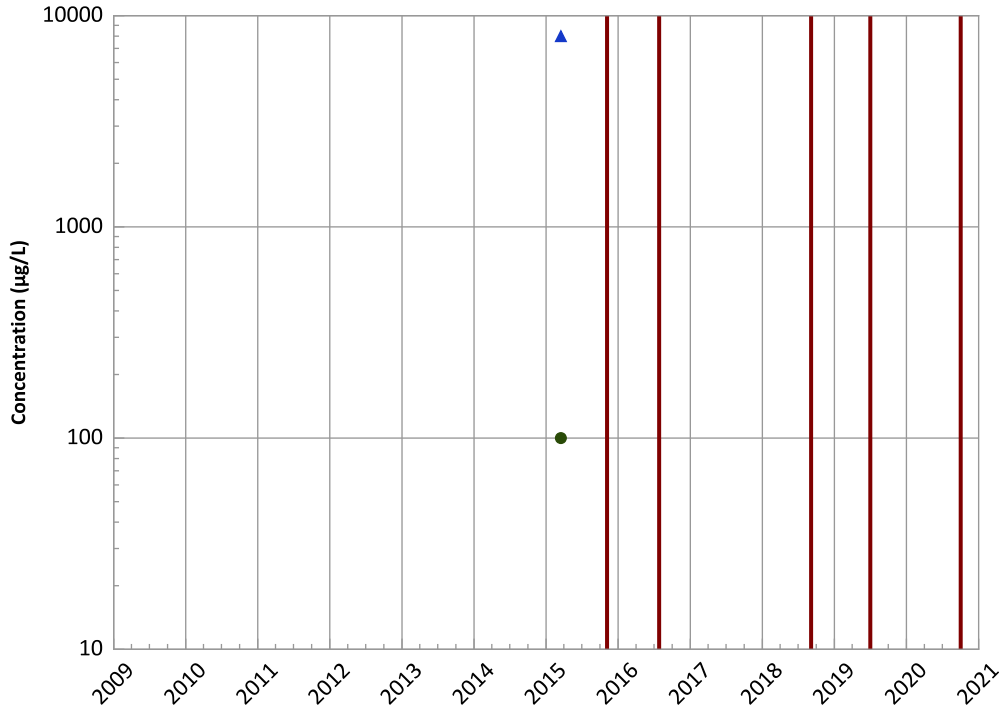


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

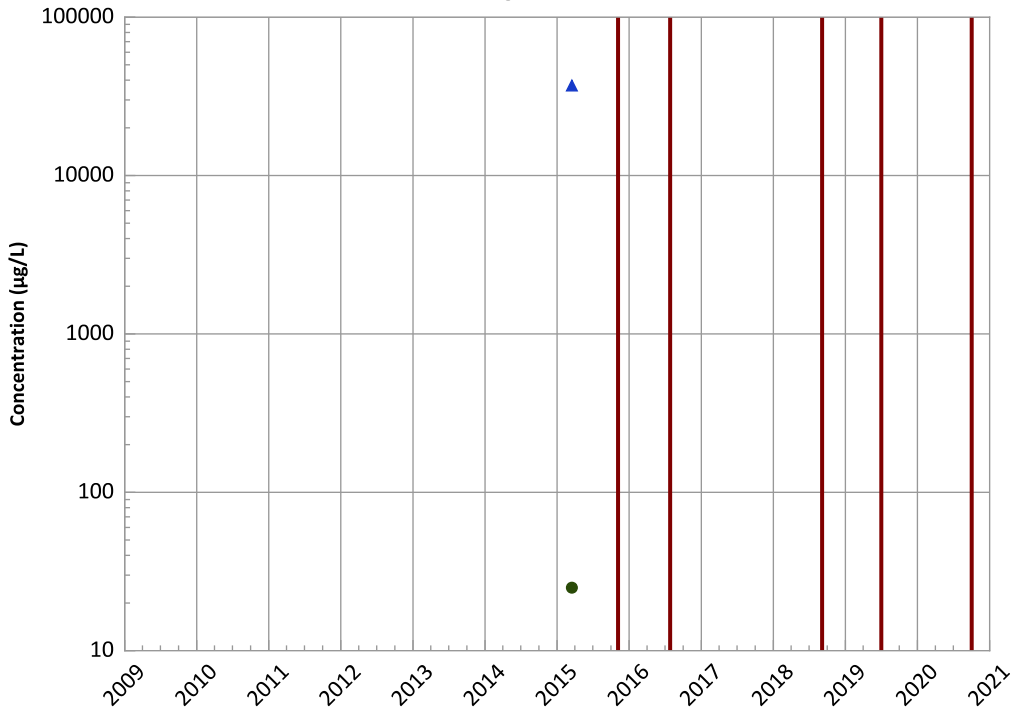


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Magnesium Trend

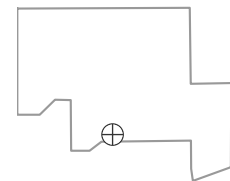


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

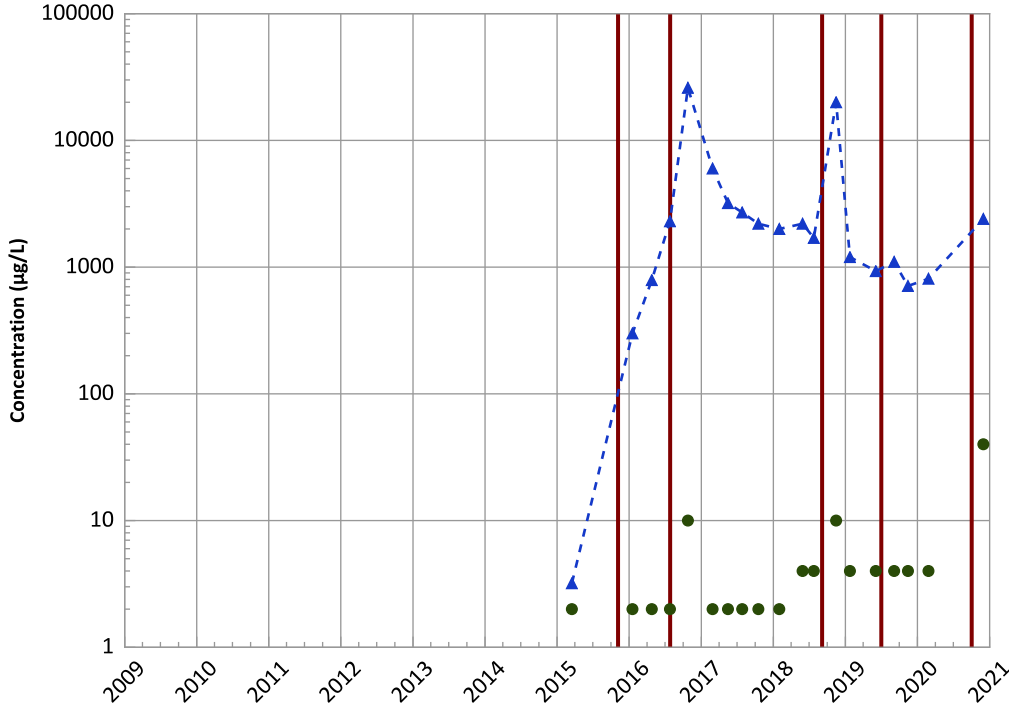


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

MAROS Linear Regression Method

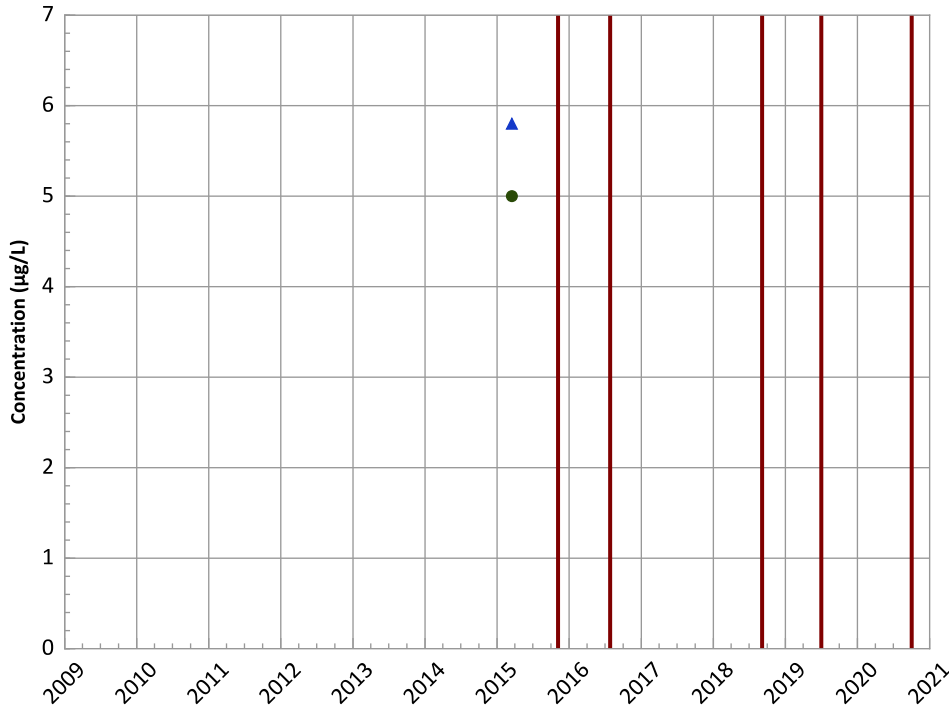
Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

No Trend' 'No Trend

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

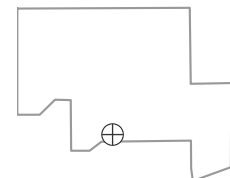
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

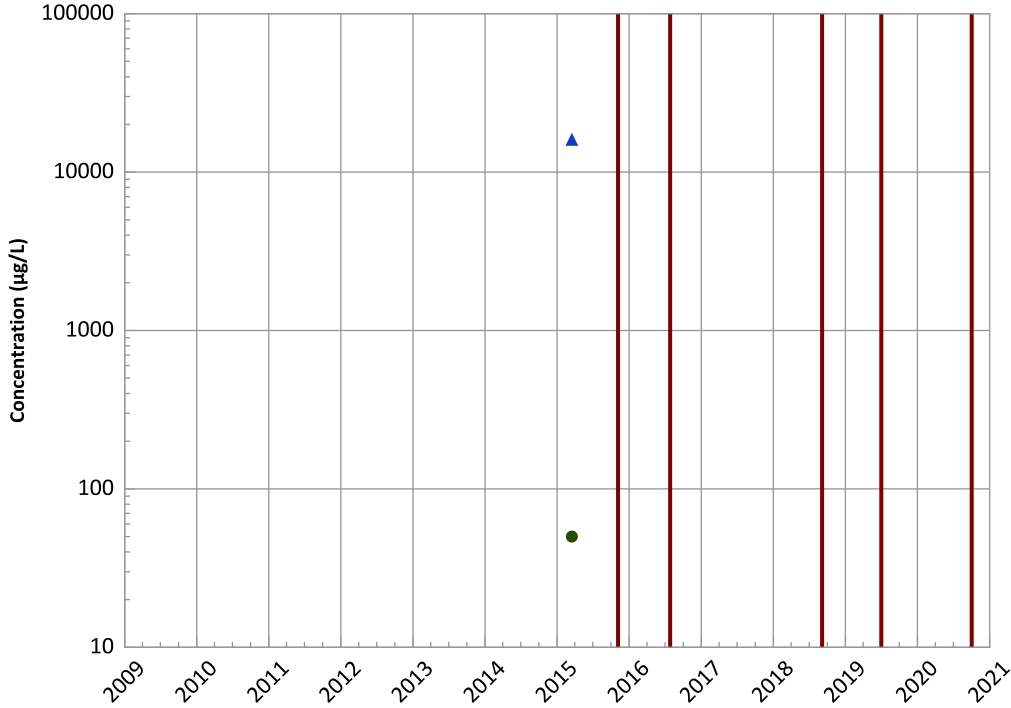


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

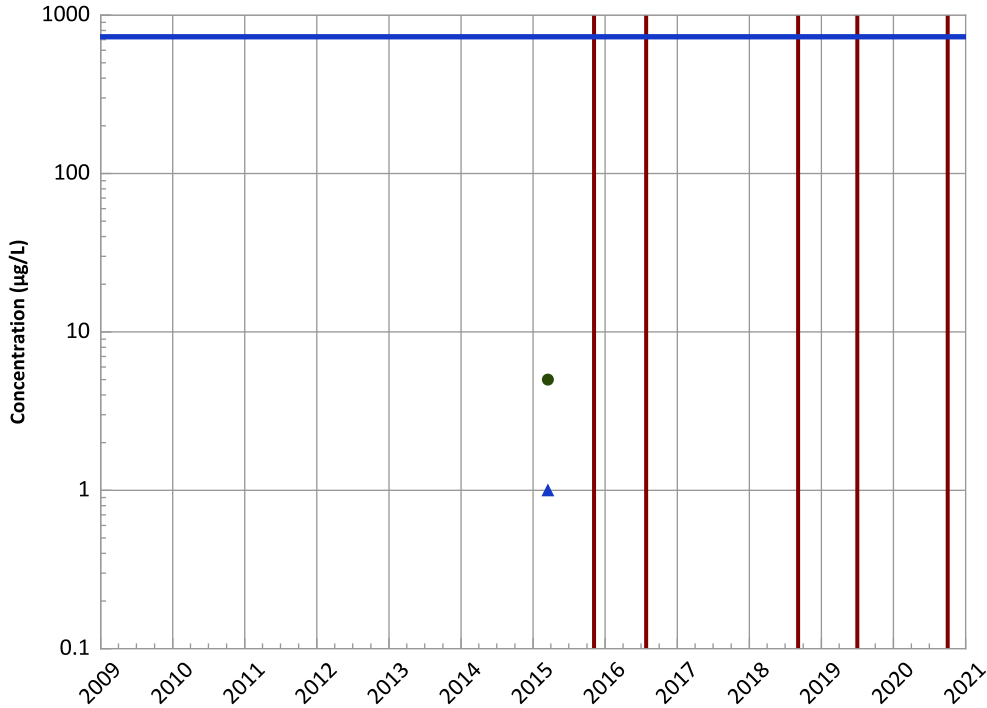
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

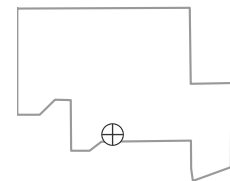
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

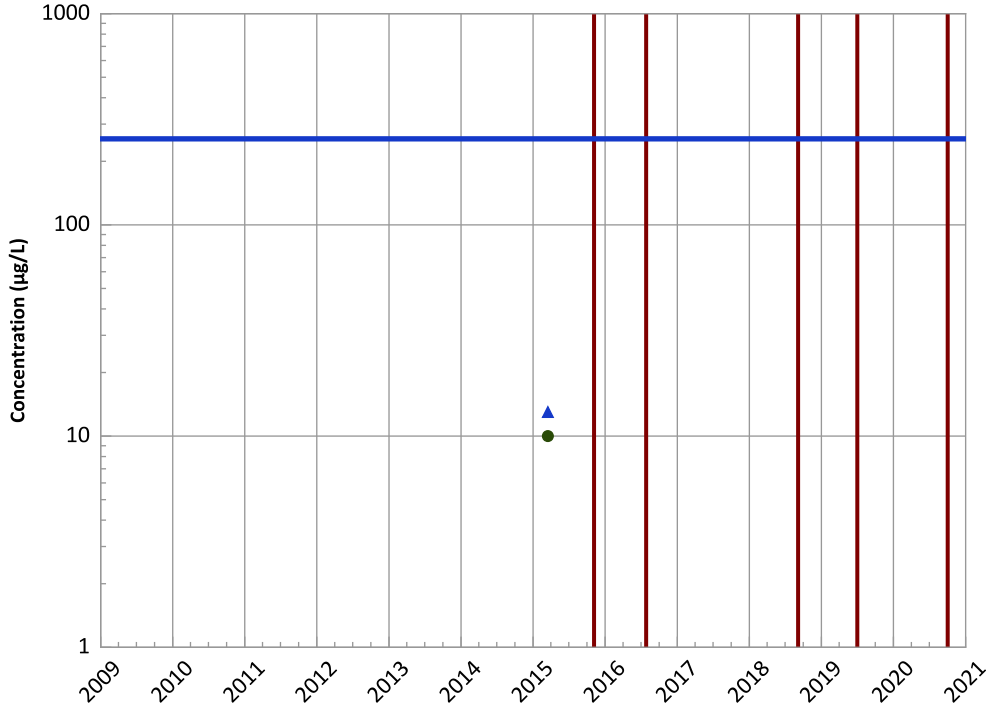


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)

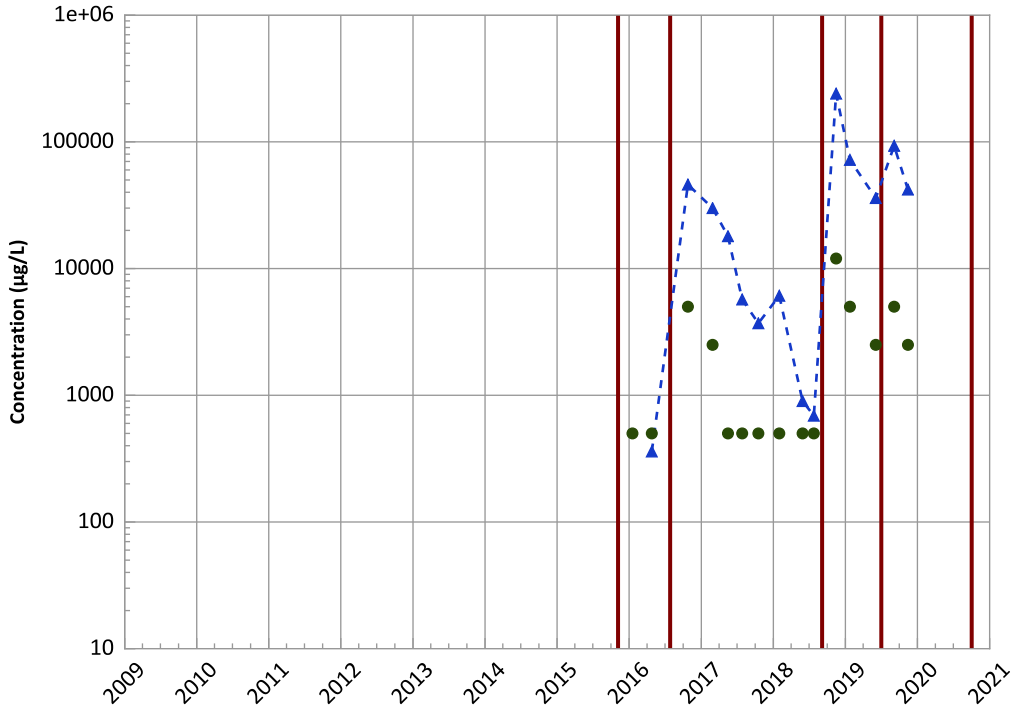
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing

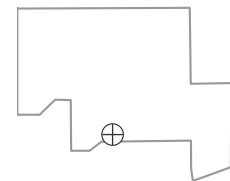
2018 - 2020 Data:
Stable

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Probably Increasing

2018 - 2020 Data:
Stable

Well Location

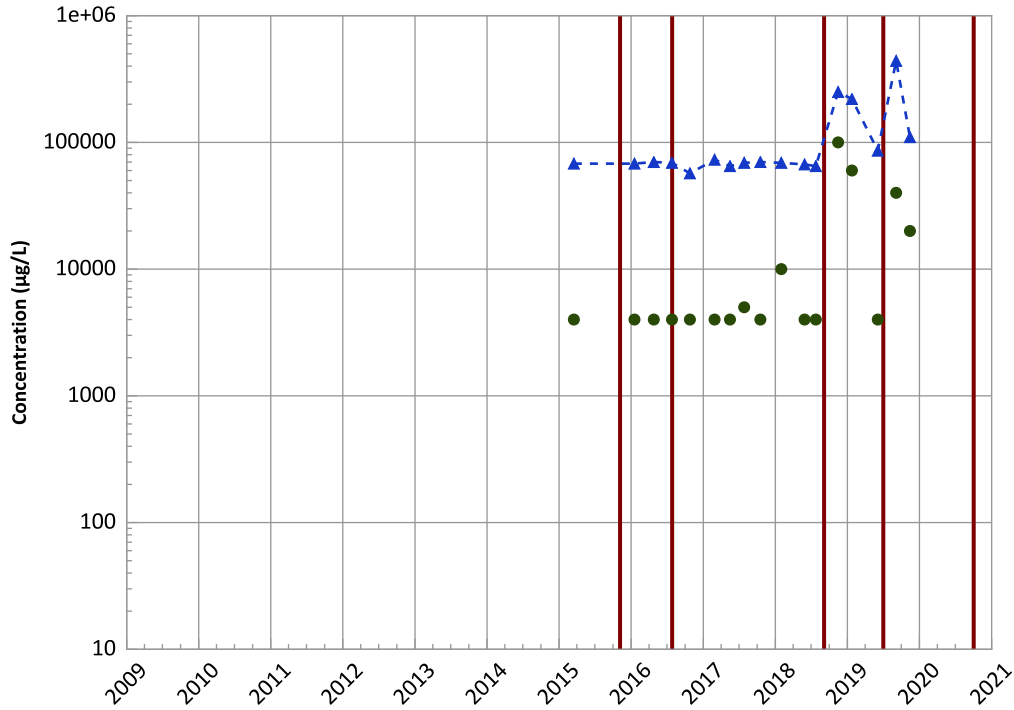


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

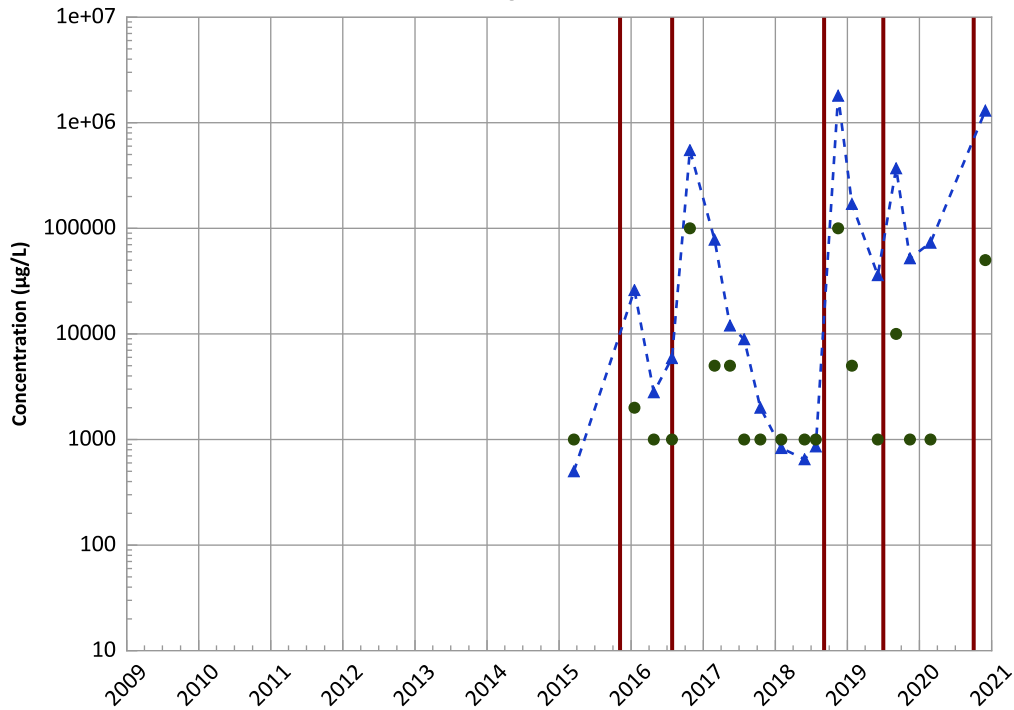


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Total Organic Carbon Trend

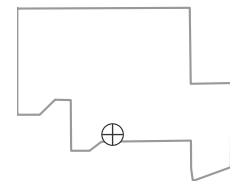


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

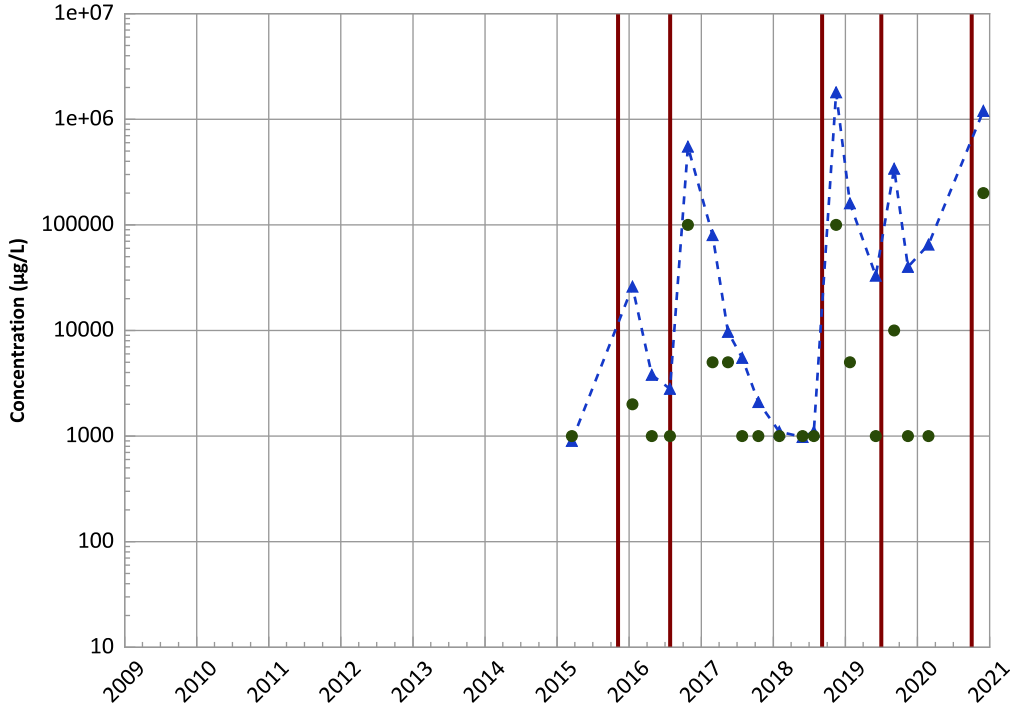


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

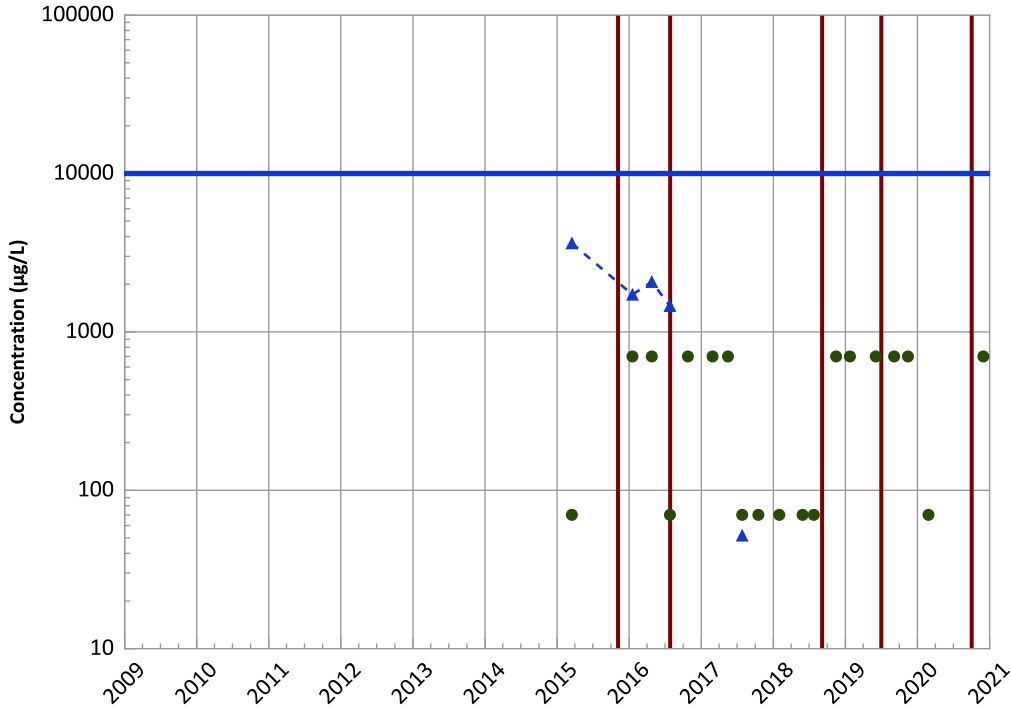


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Nitrate as N Trend

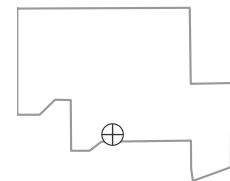


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Well Location

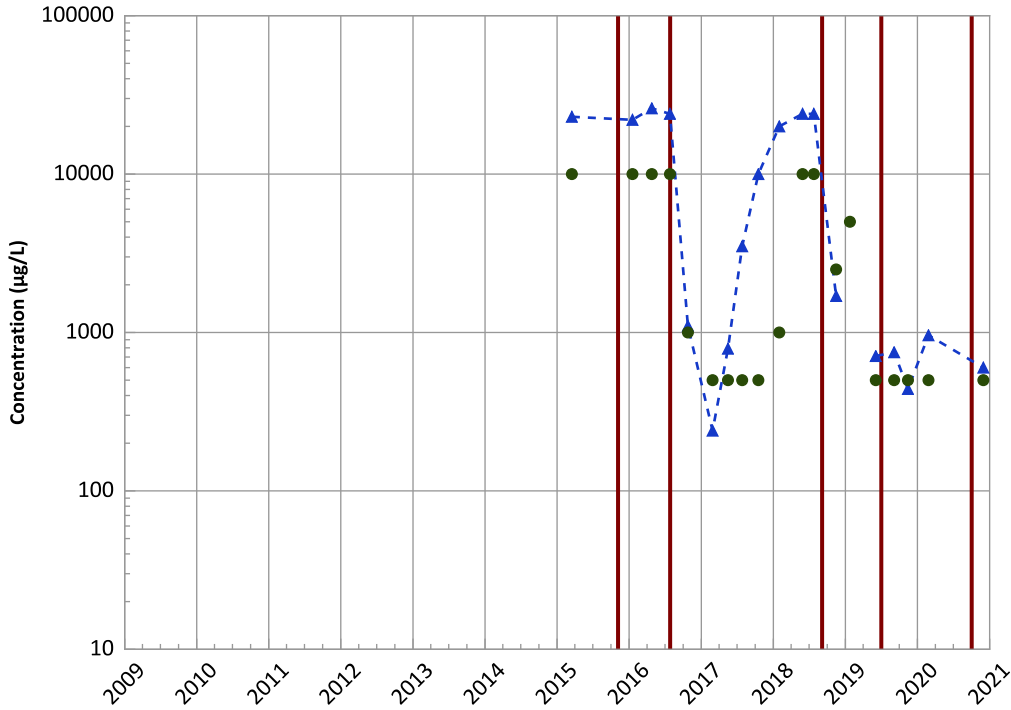


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

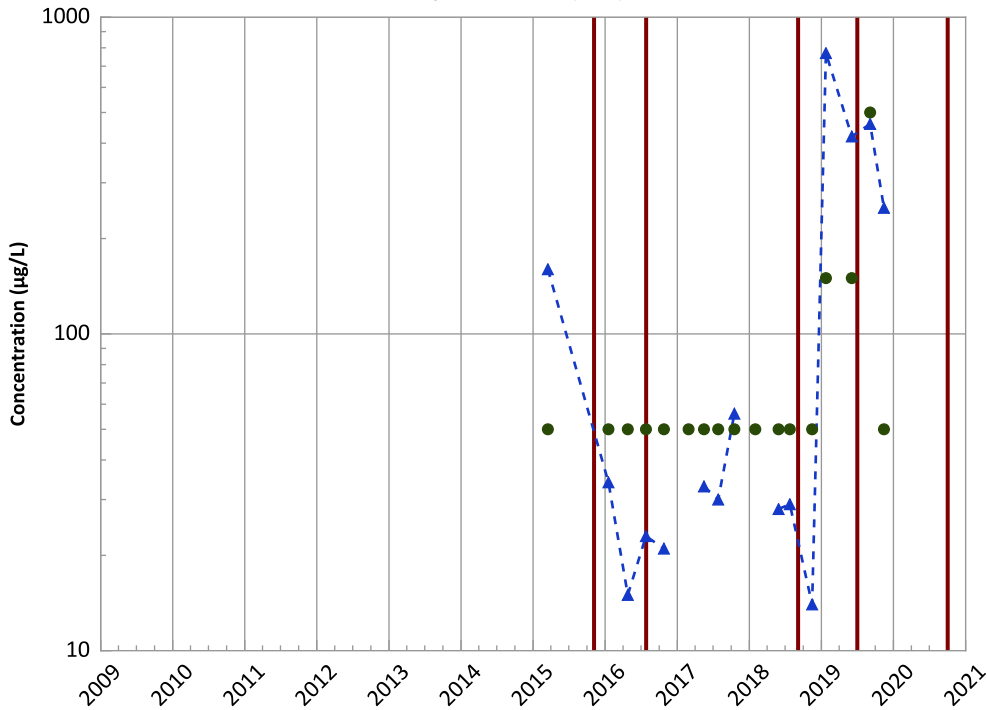


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Phosphorus, Total (as P) Trend

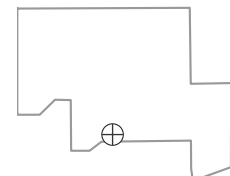


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

Well Location

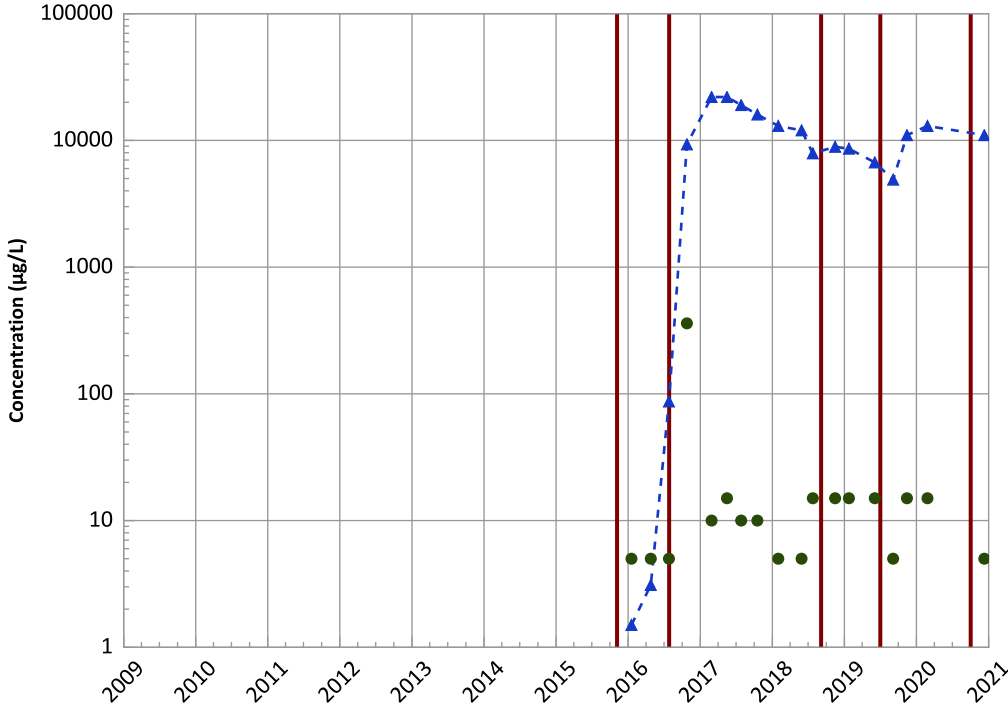


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

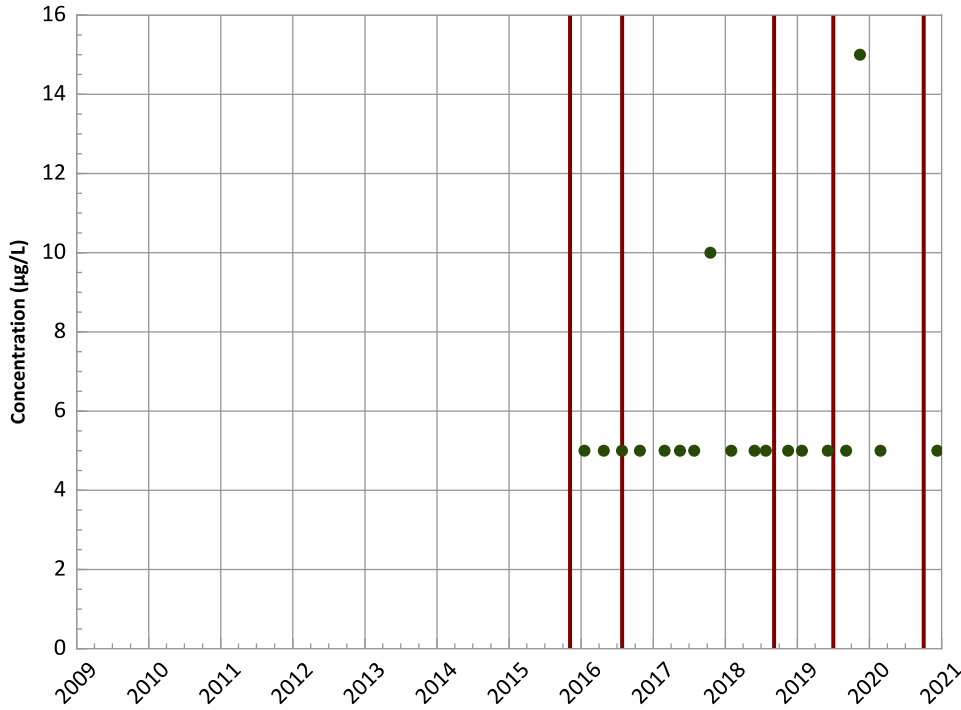


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Ethane Trend

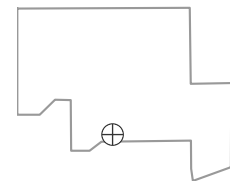


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

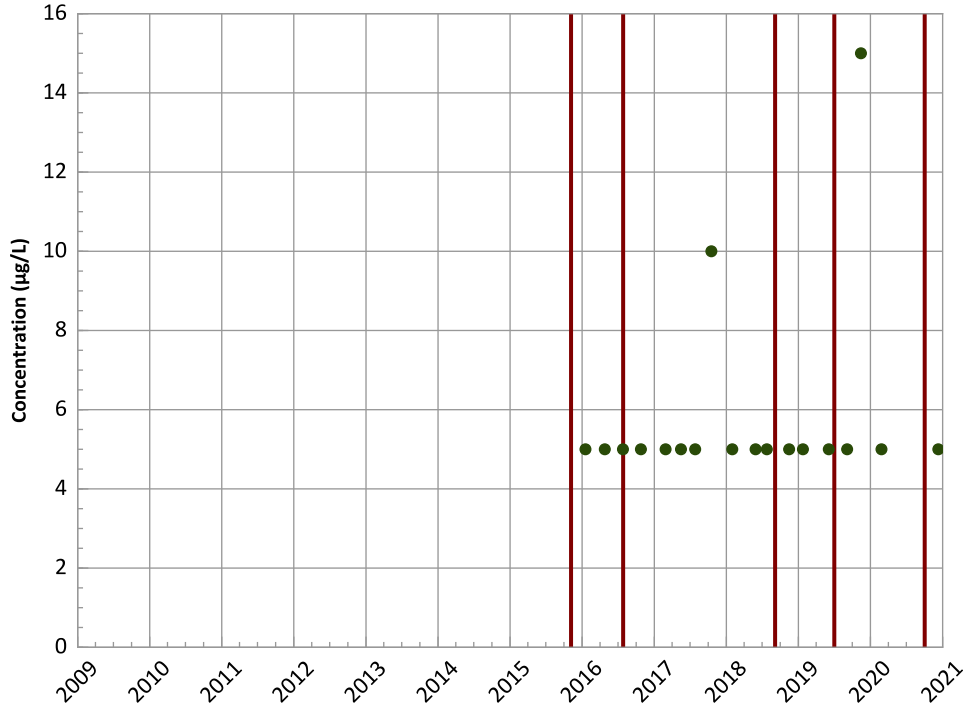


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

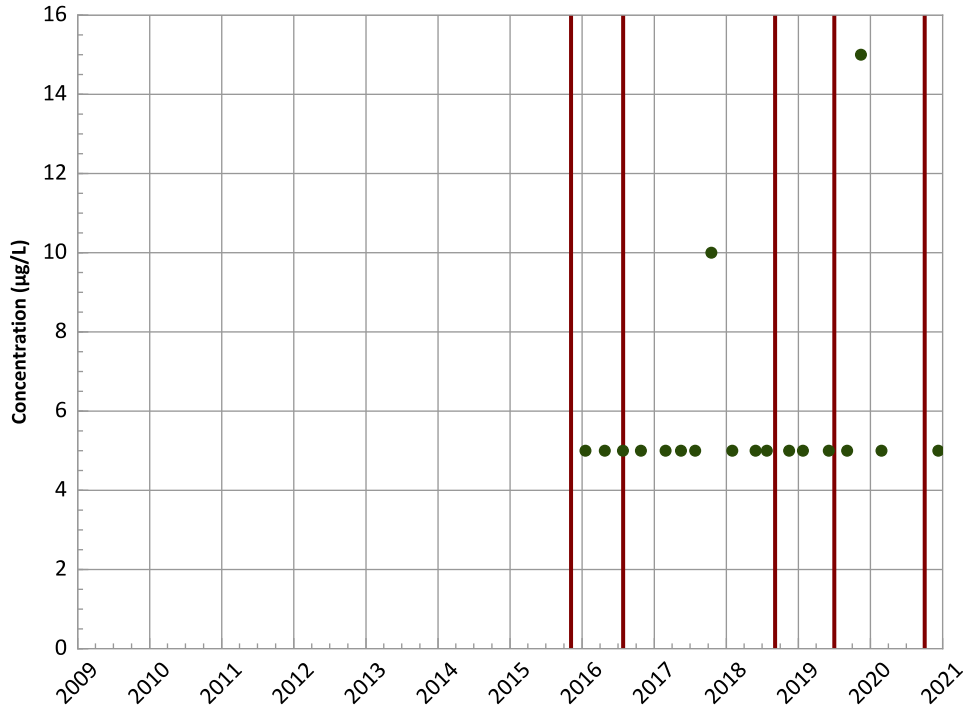
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

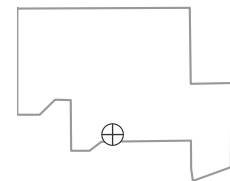
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

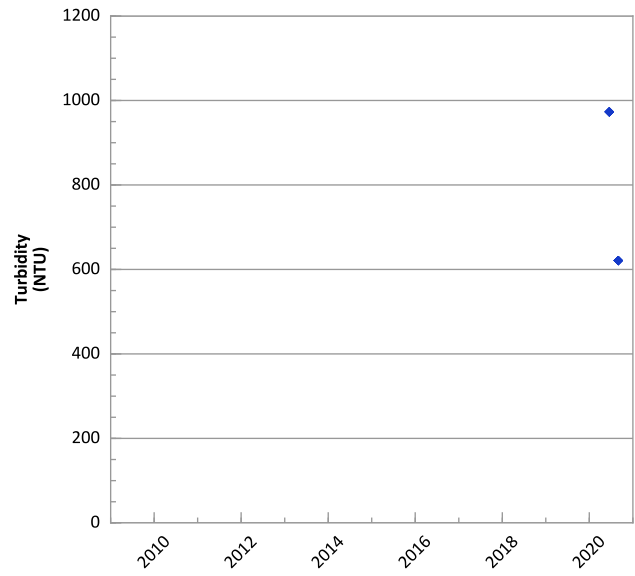
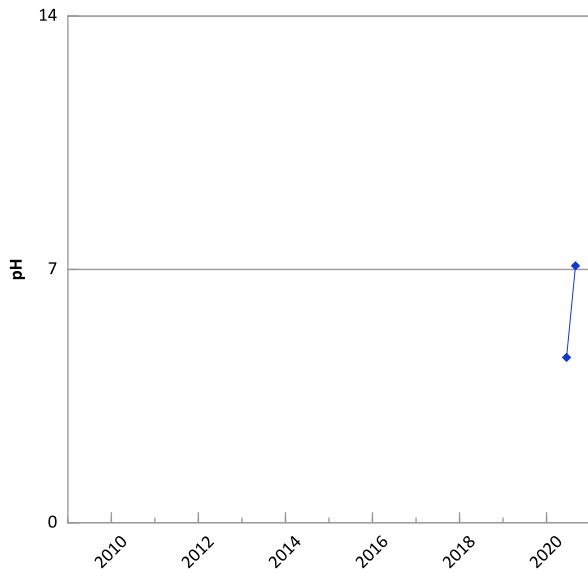
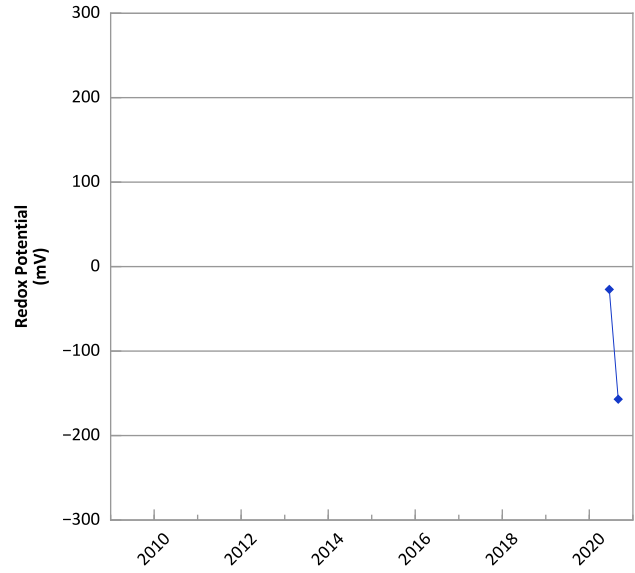
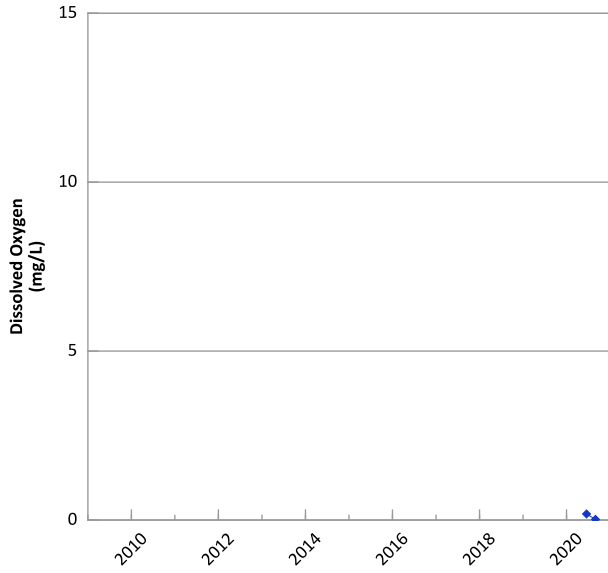
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/17/2015 to 12/10/2020
Analysis Date: 06/03/2021

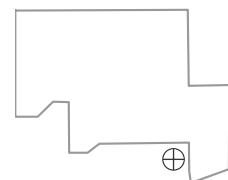
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



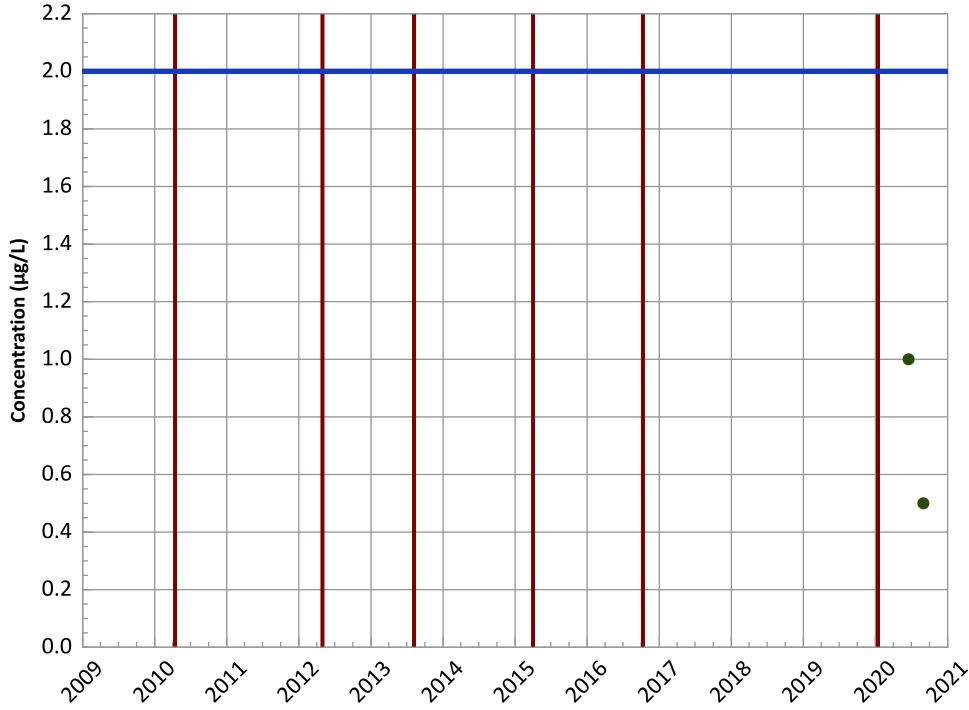
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/17/2020 to 08/31/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB021 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 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

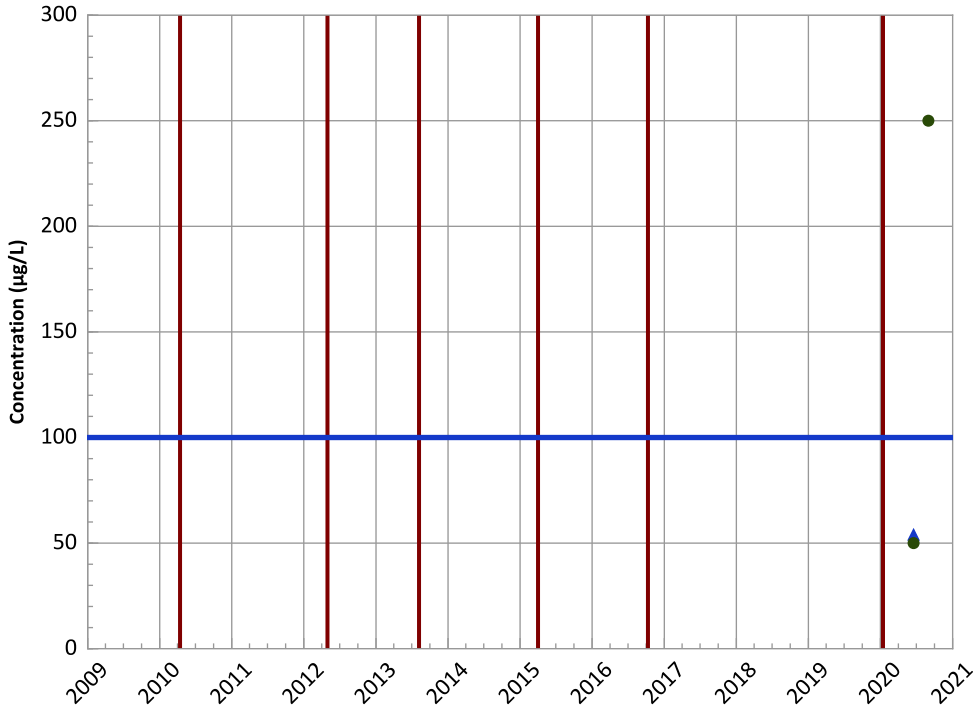
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

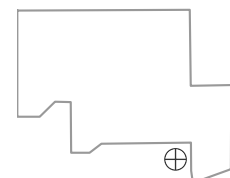
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

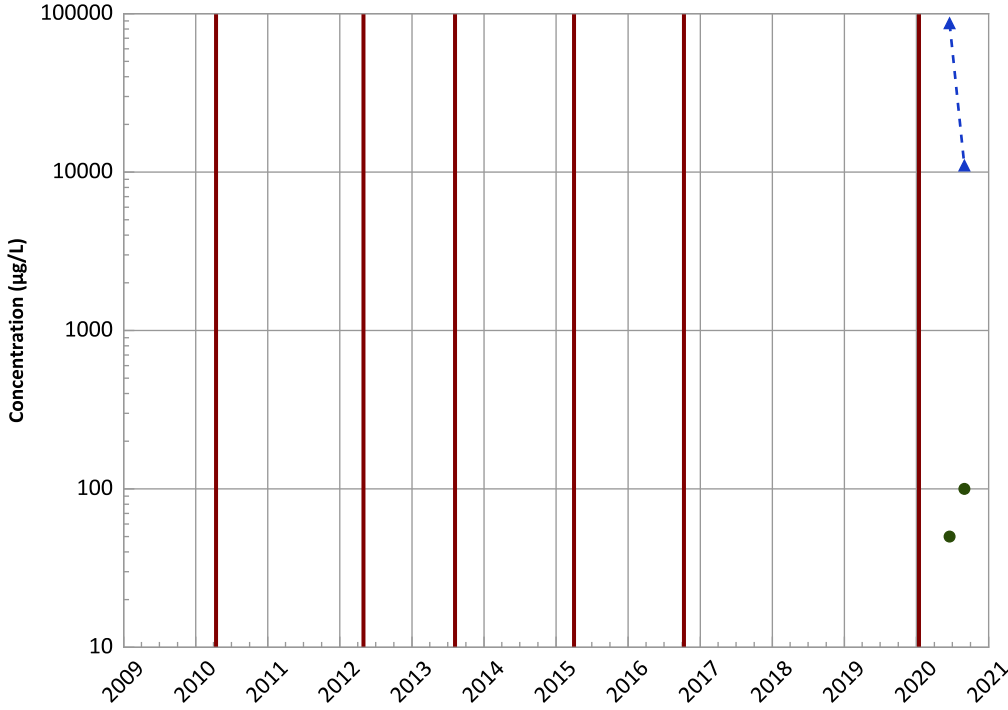


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/17/2020 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

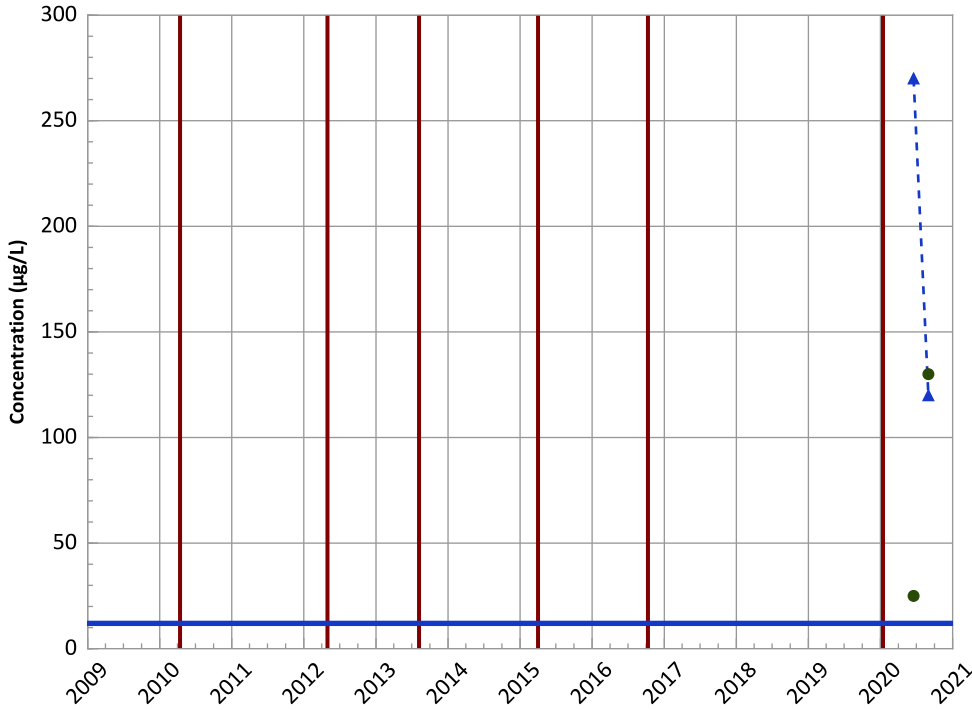
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

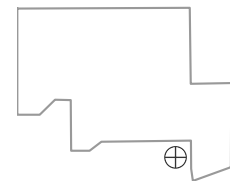
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

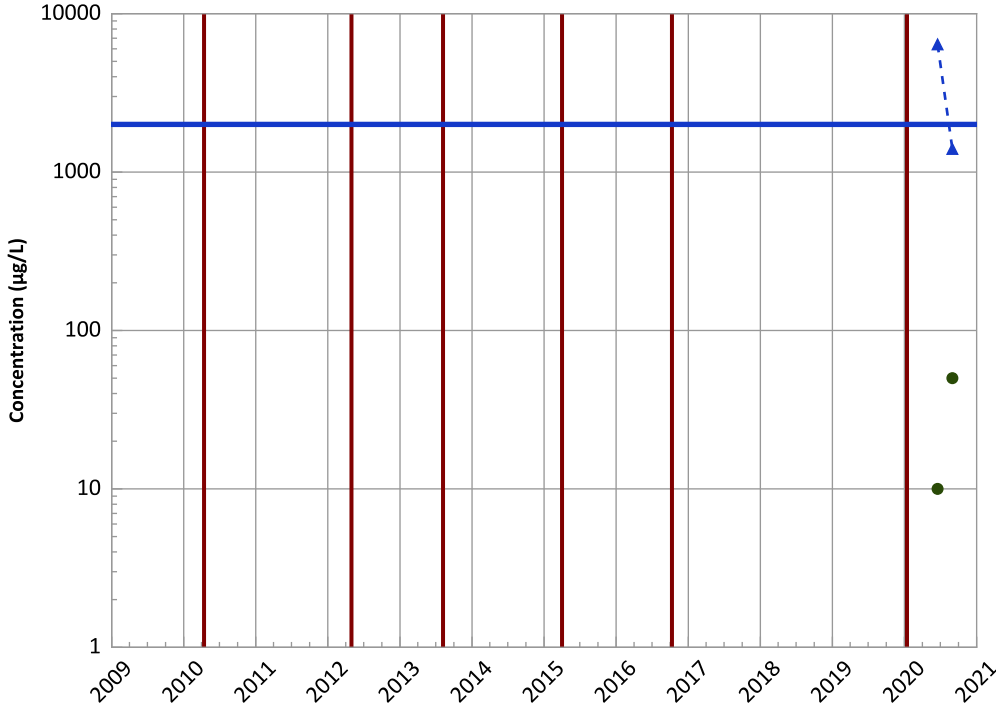


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/17/2020 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

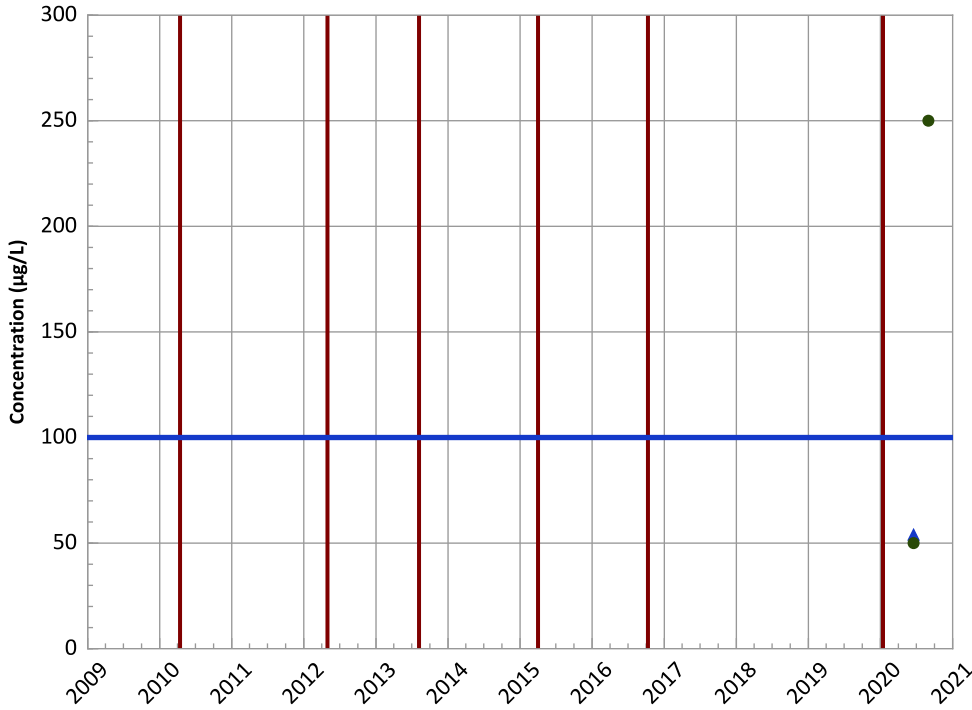
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

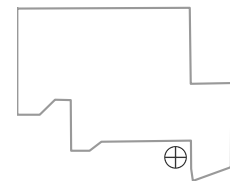
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

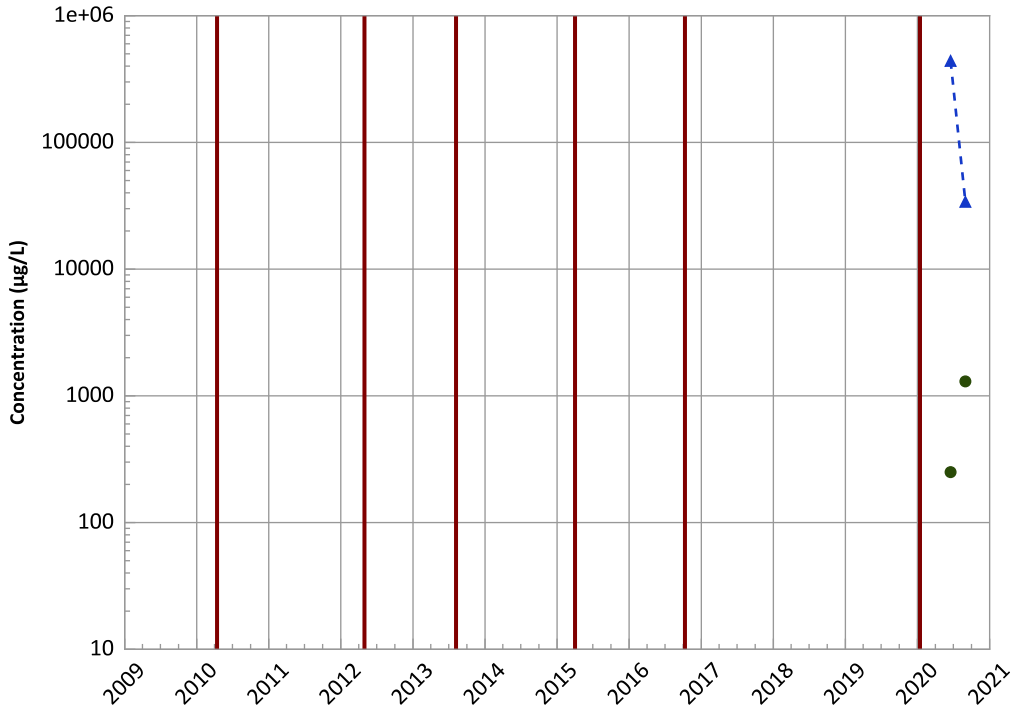


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/17/2020 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

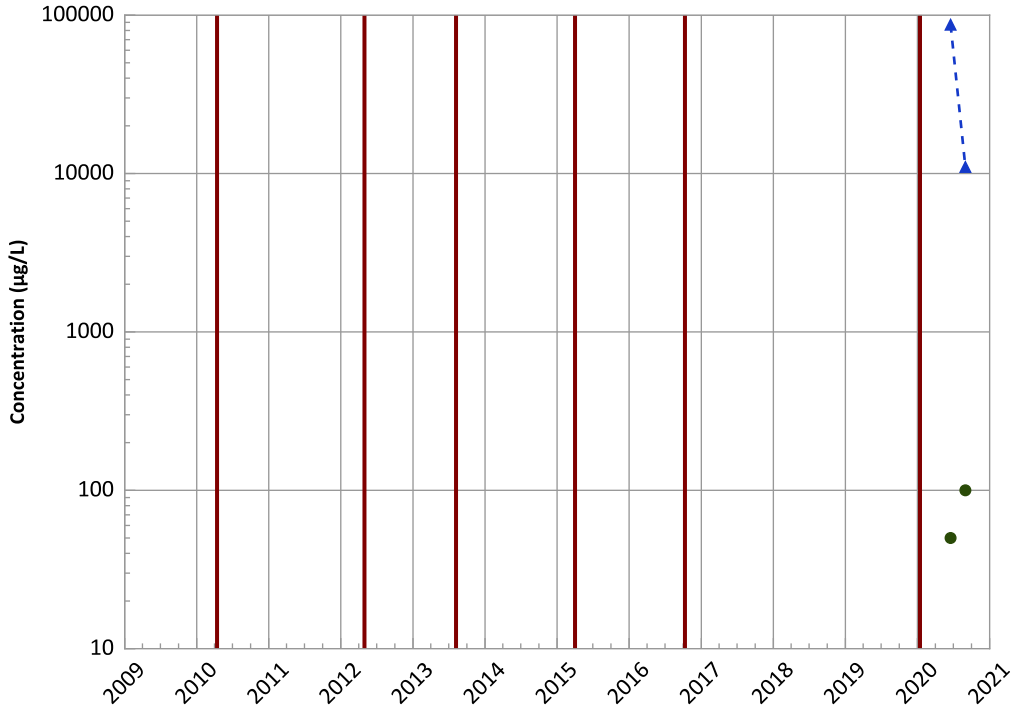
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

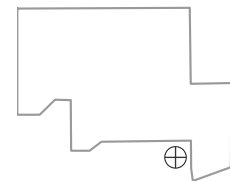
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

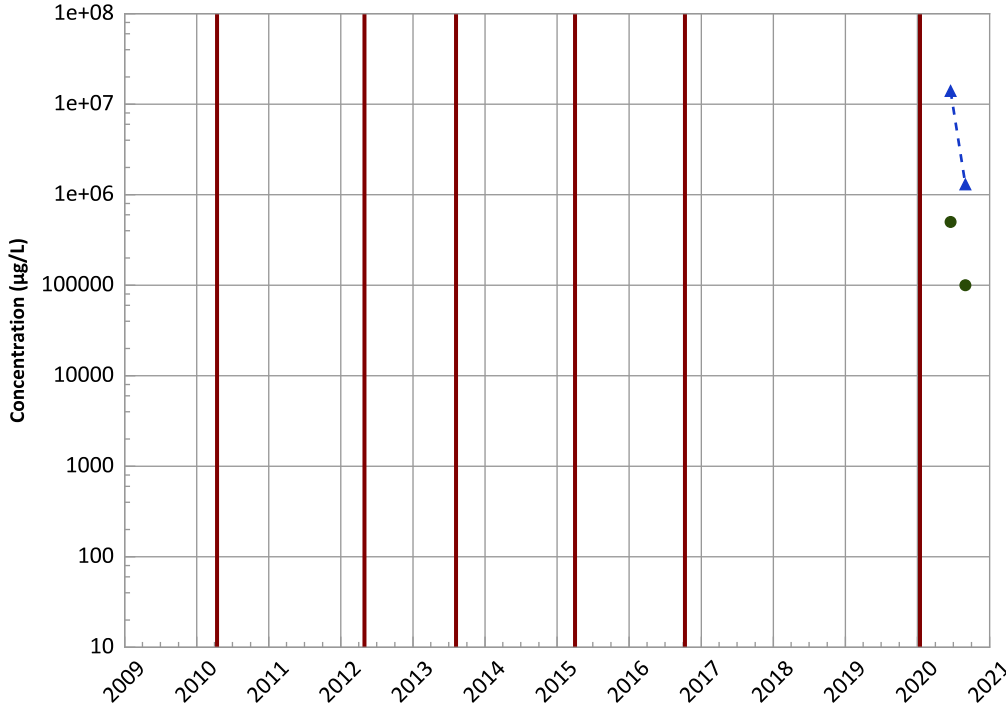


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/17/2020 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

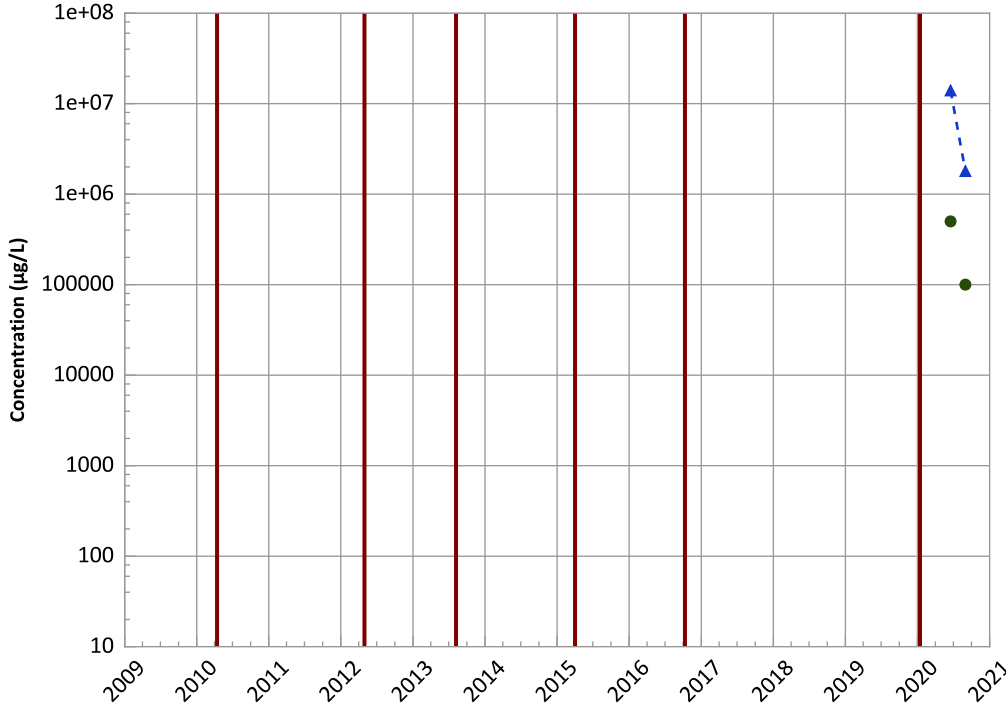
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

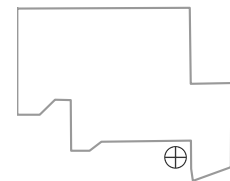
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

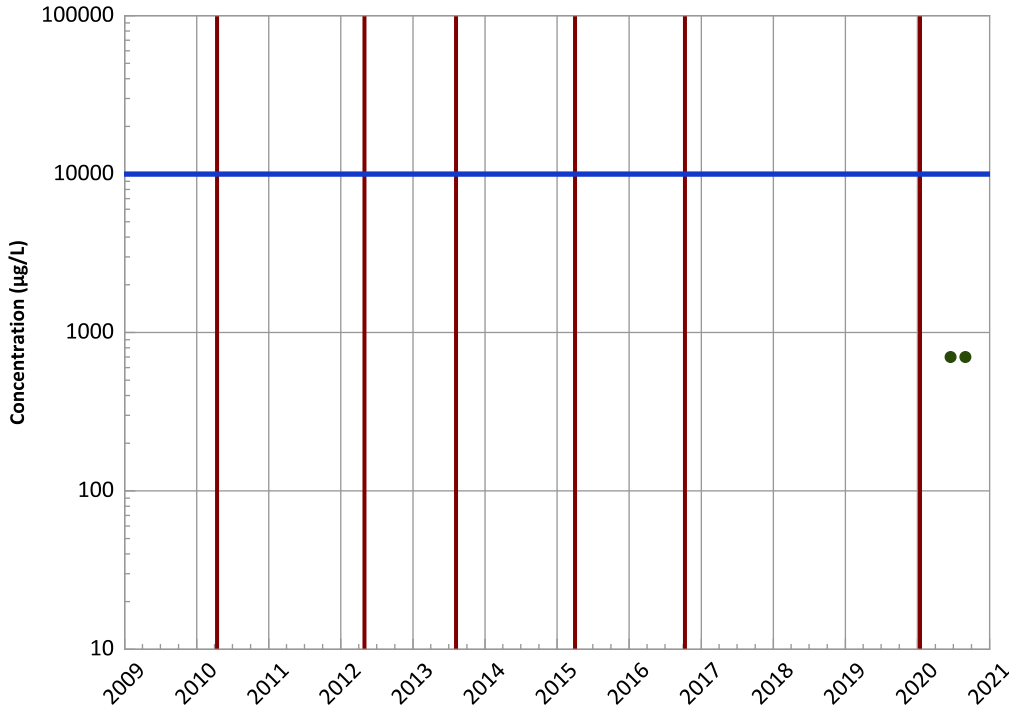


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/17/2020 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

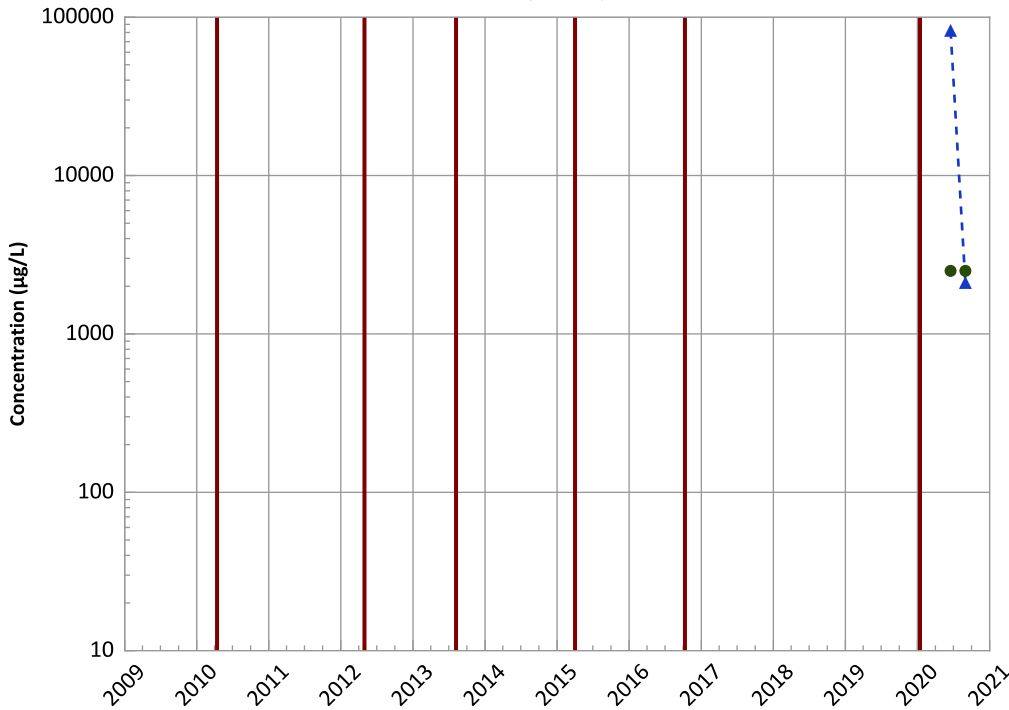


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Sulfate (as SO4) Trend

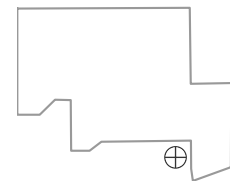


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

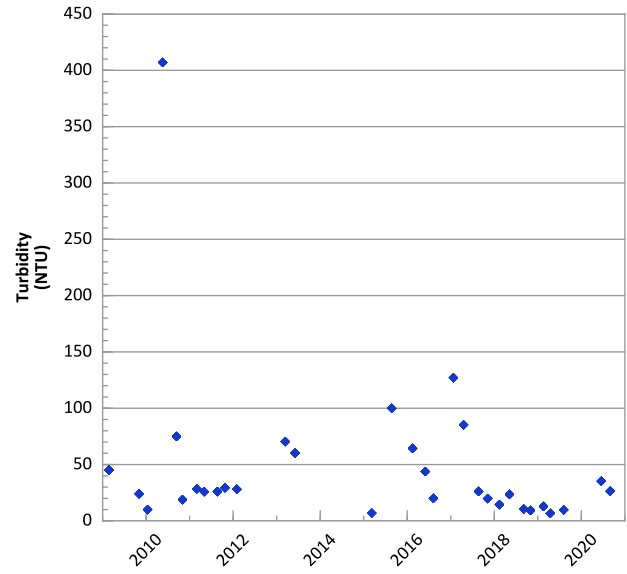
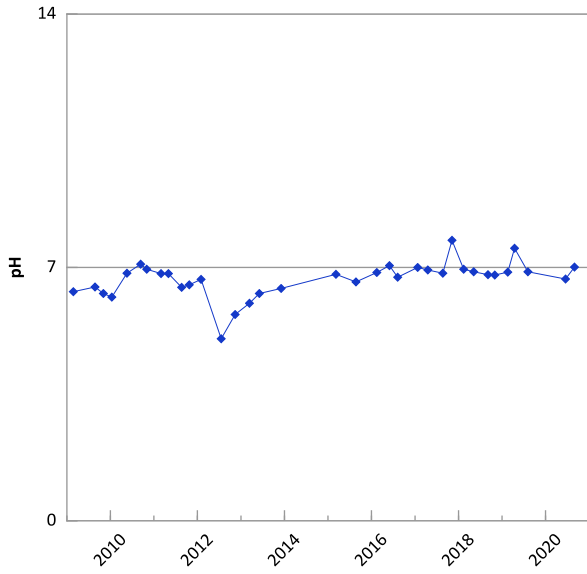
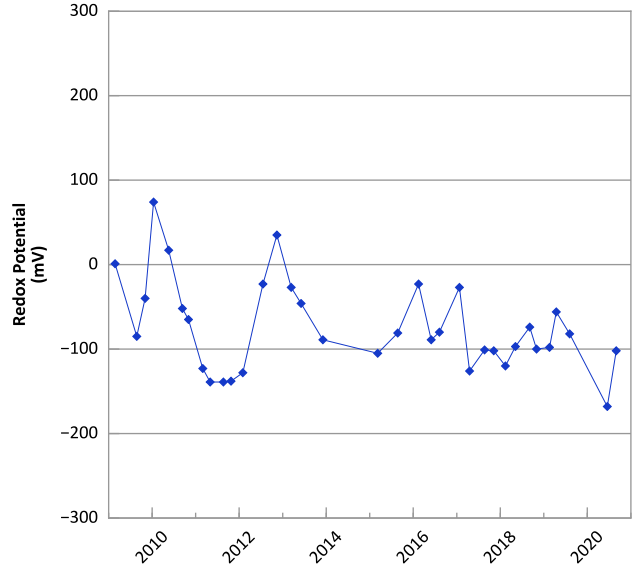
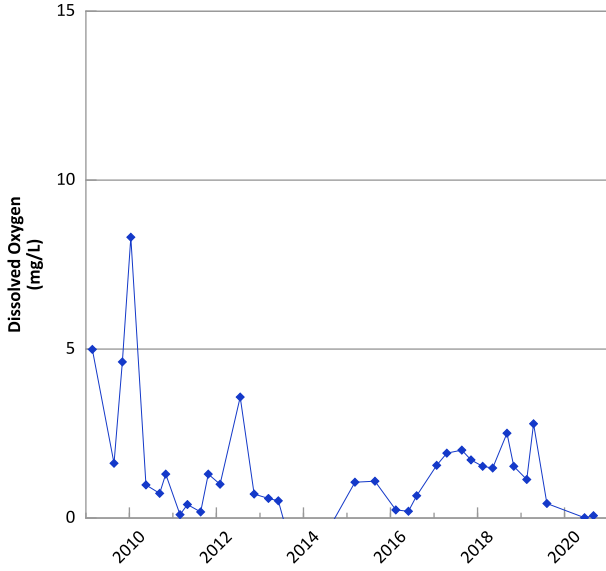
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/17/2020 to 08/31/2020
Analysis Date: 06/03/2021

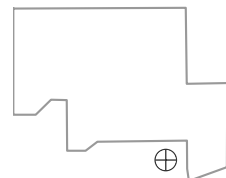
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



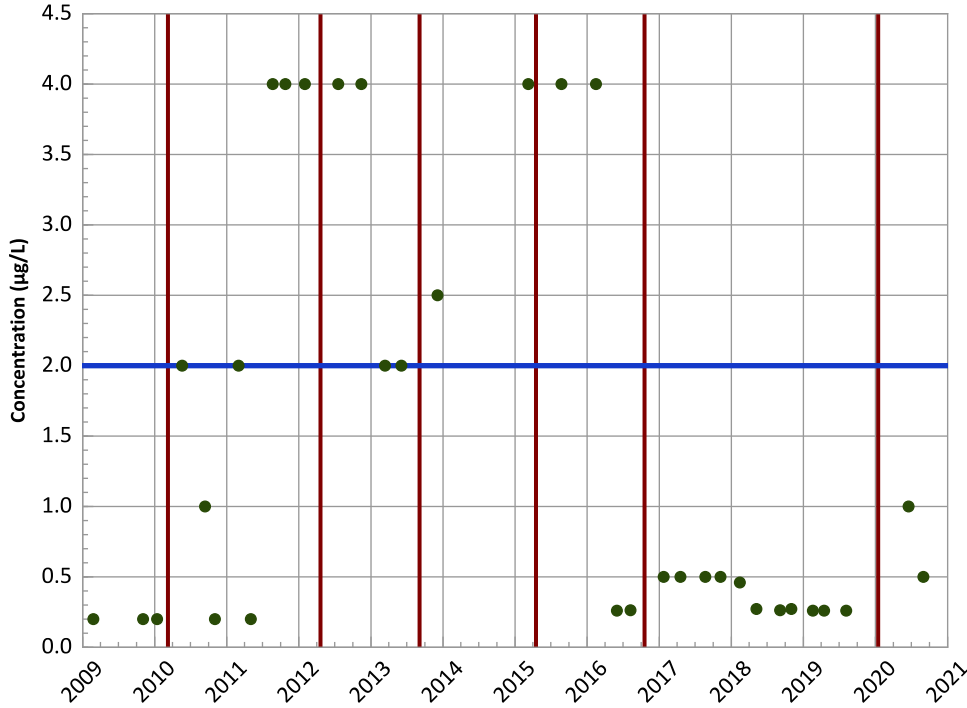
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 02/24/2009 to 08/31/2020
 Analysis Date: 06/03/2021

Well Location



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 - 12/2020):
All Non-Detect

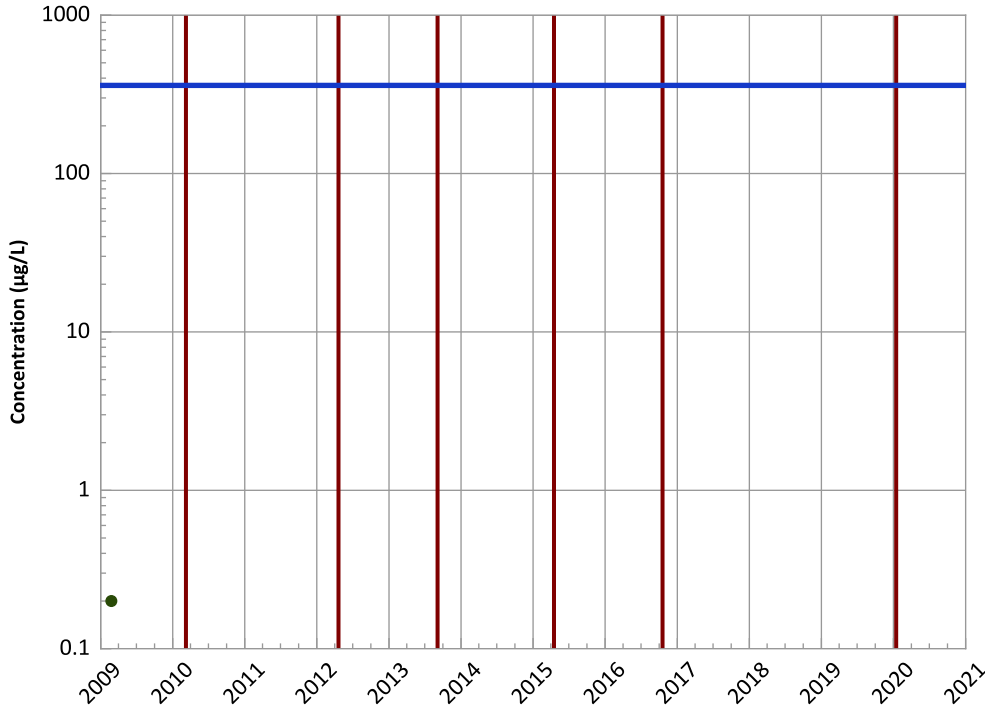
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

All Non-Detect
2018 - 2020 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 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

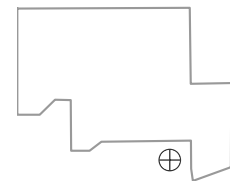
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

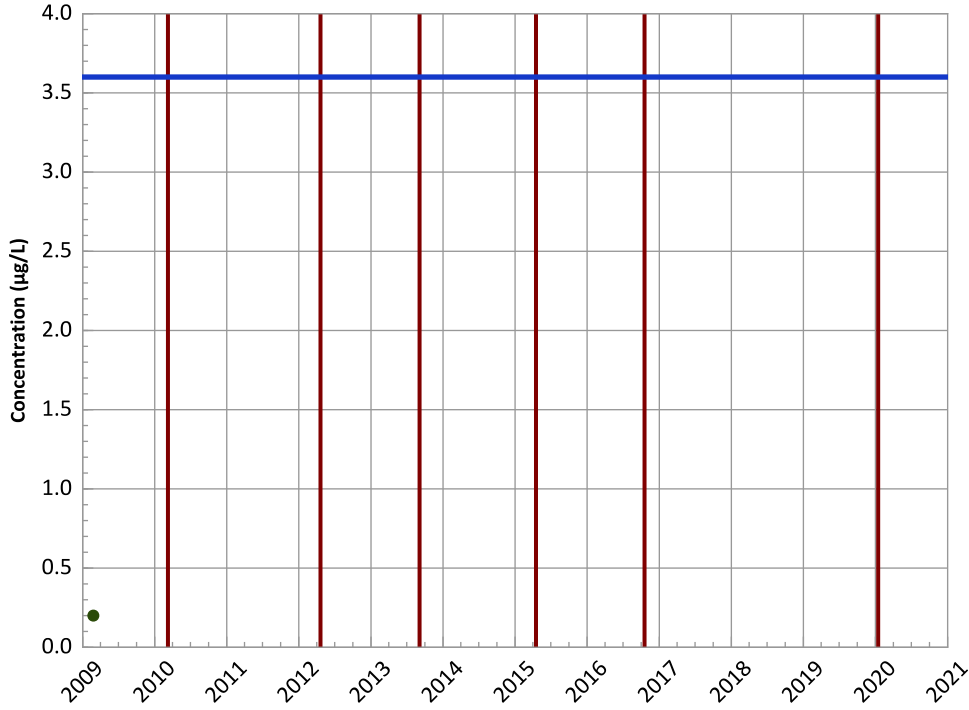


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

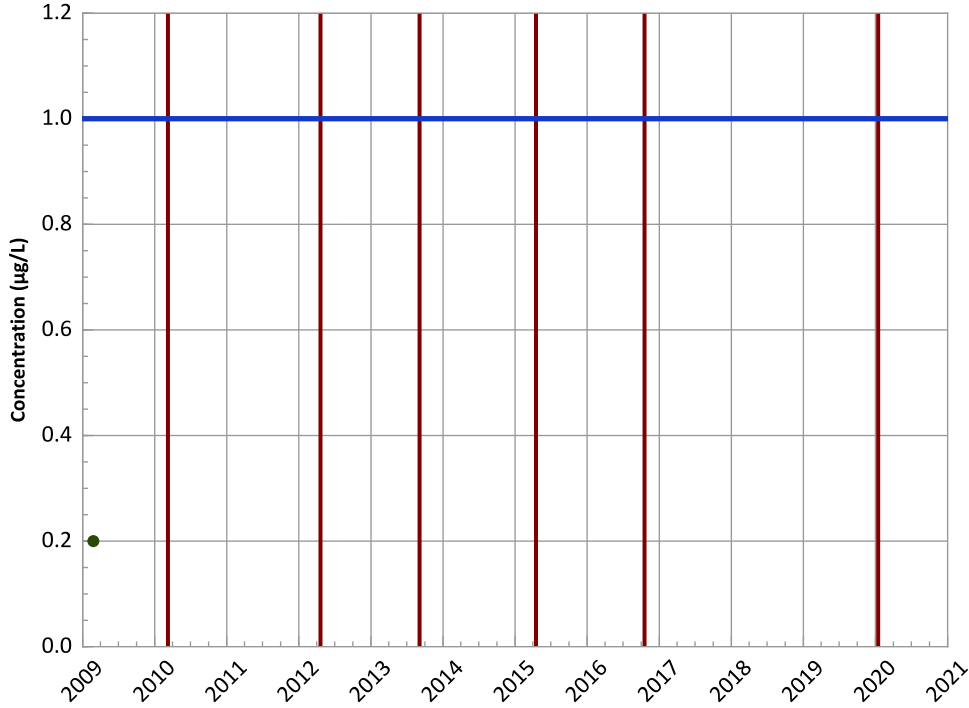
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

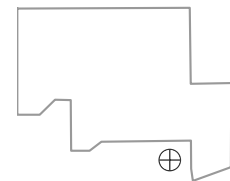
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

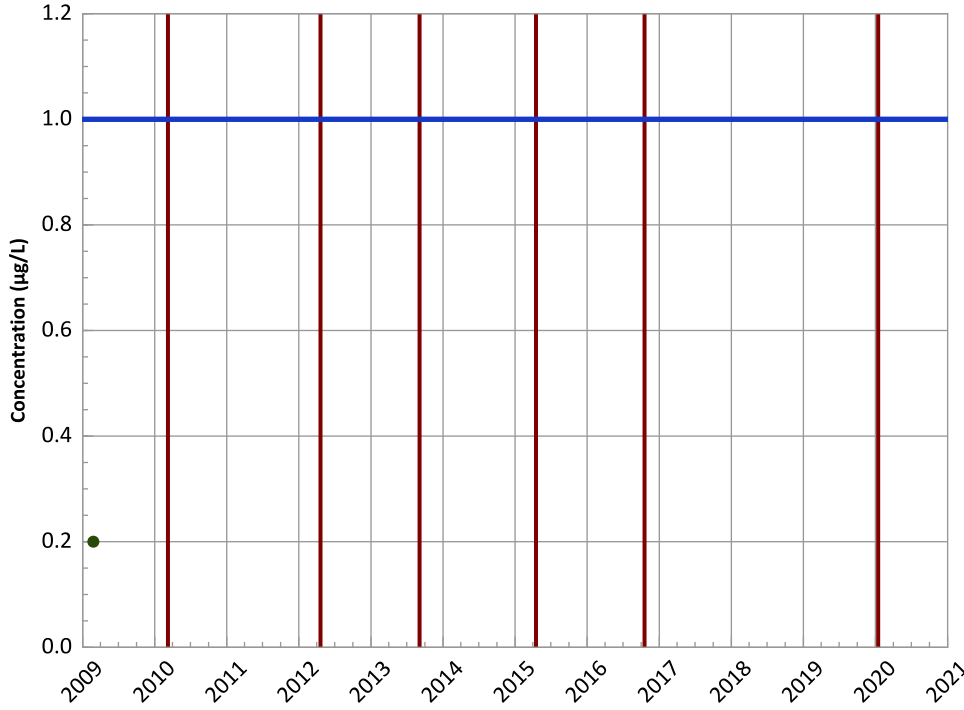


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

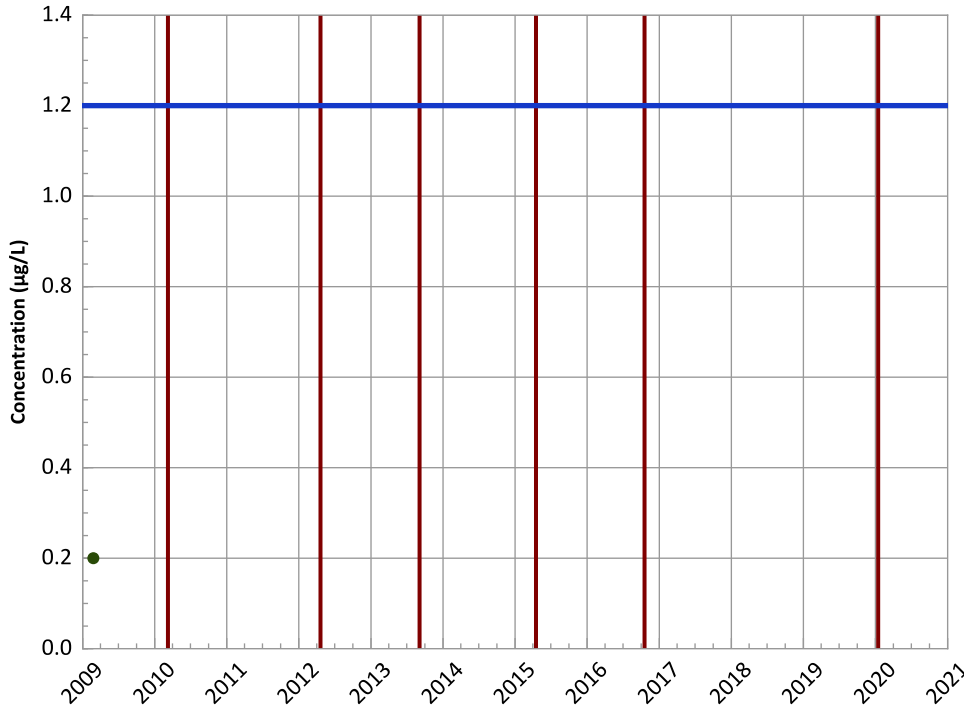


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

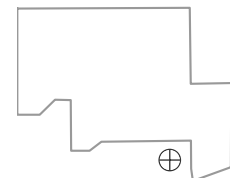


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

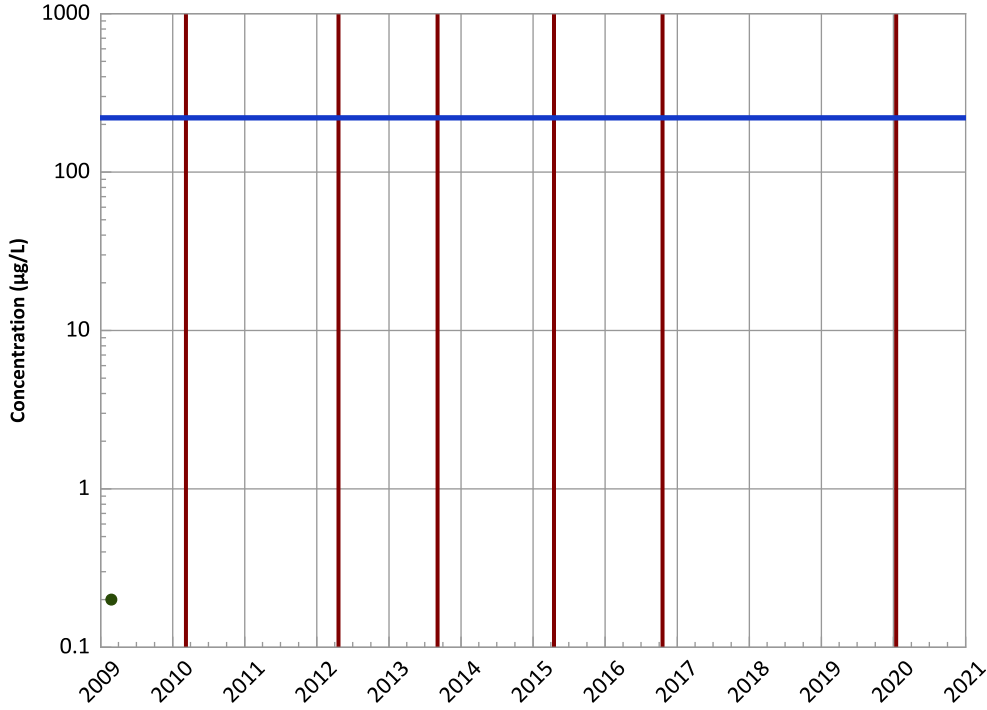


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

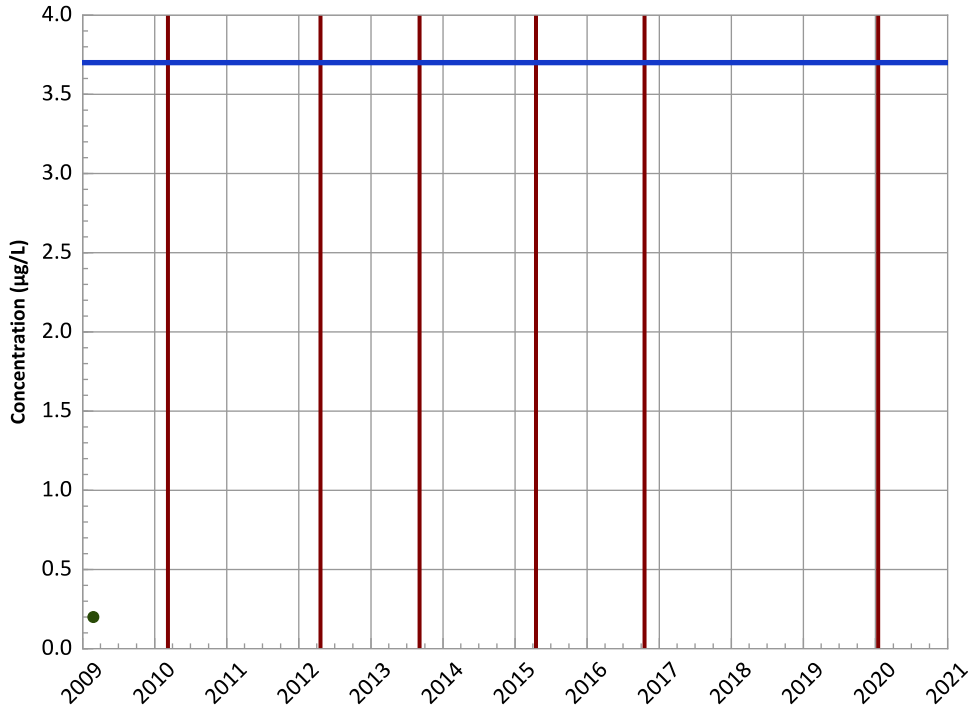


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

1,3-Dinitrobenzene Trend

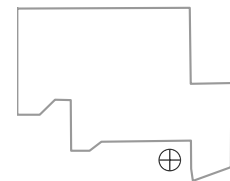


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

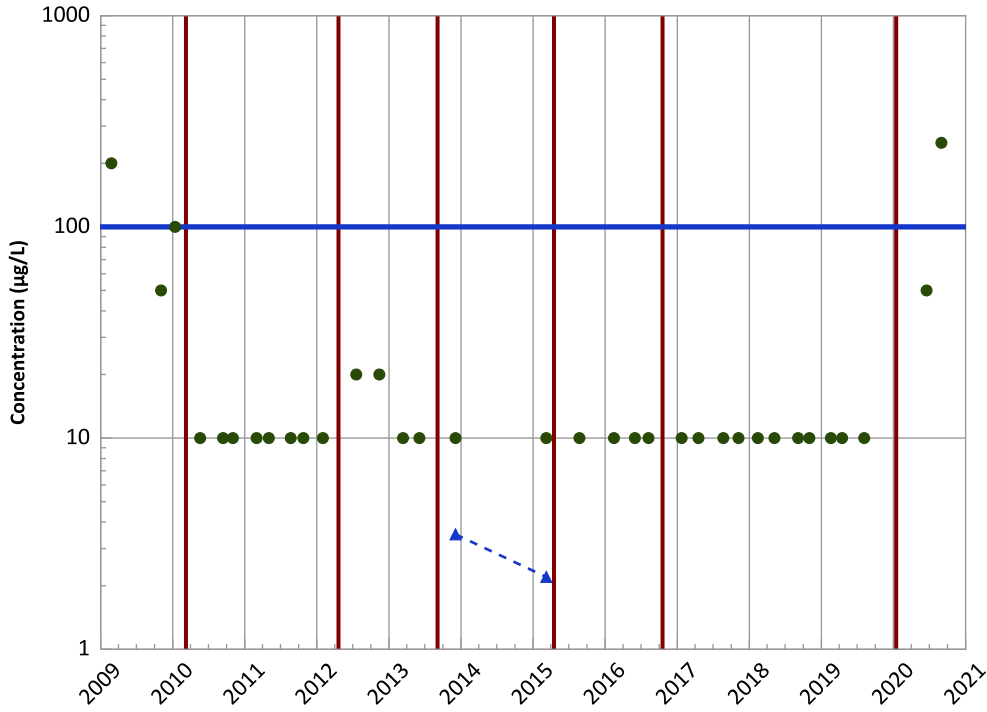


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

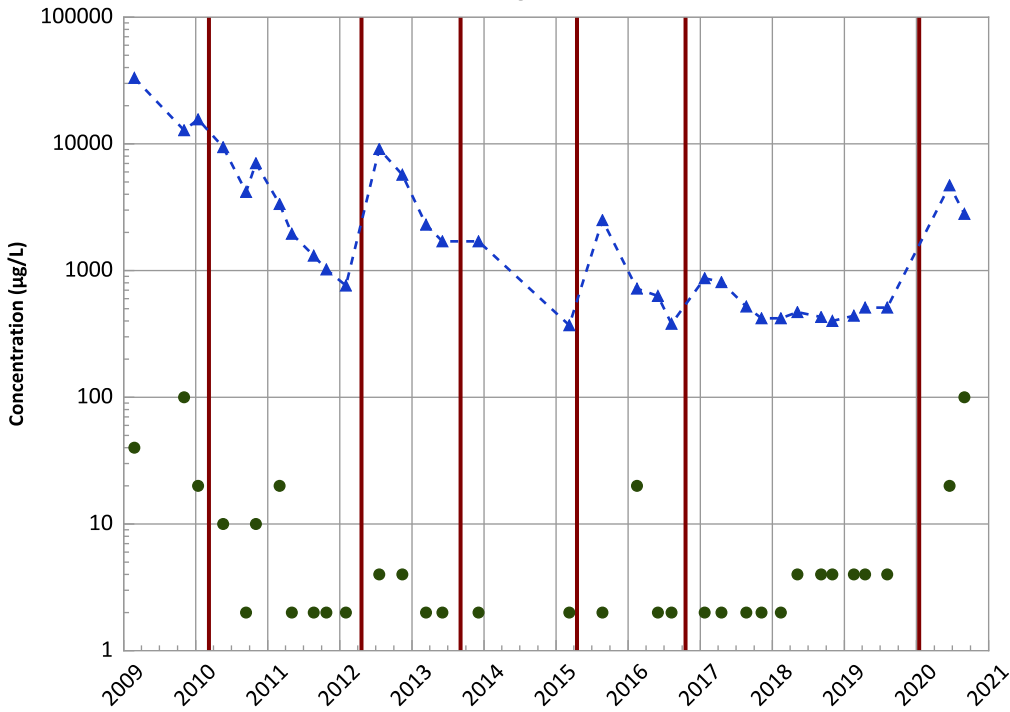
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset) 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect' 'All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset) 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset) 'N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

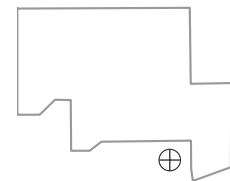
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

Well Location

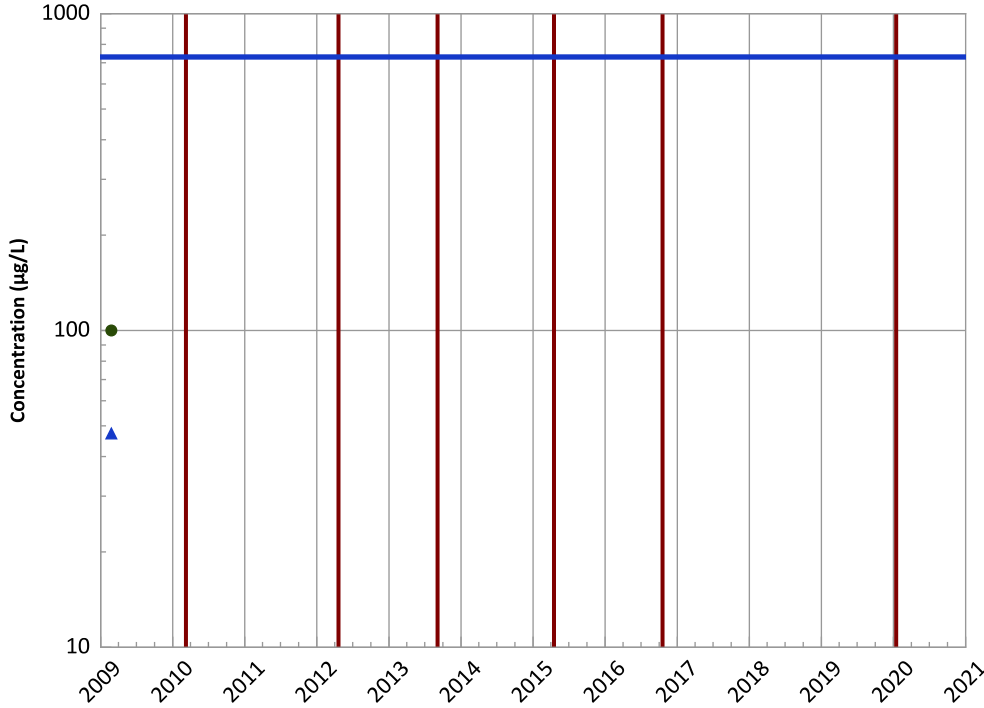


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

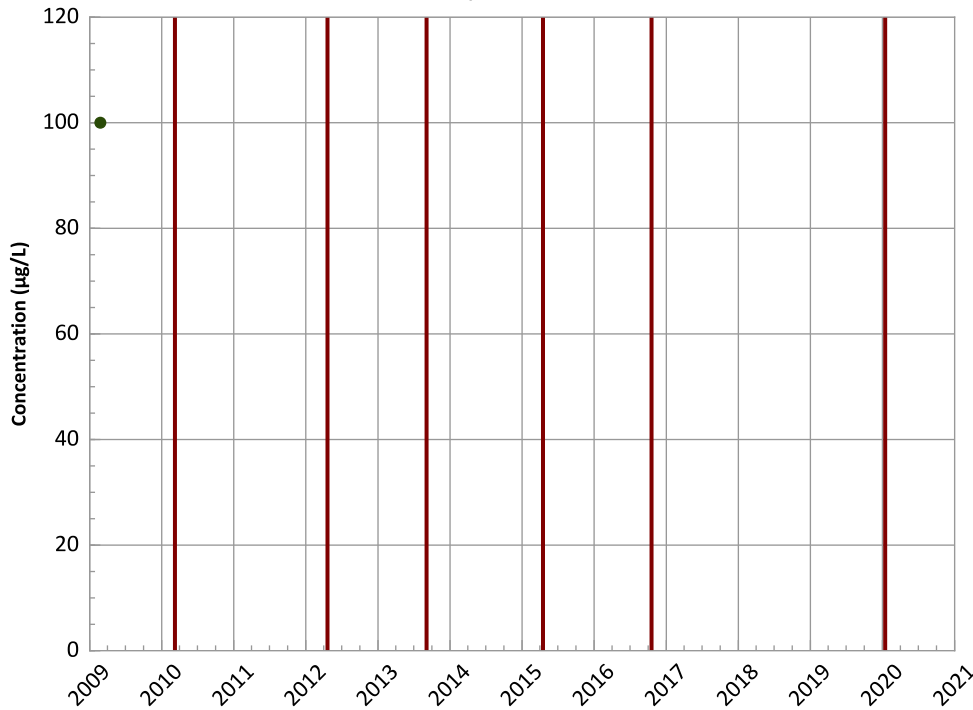
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

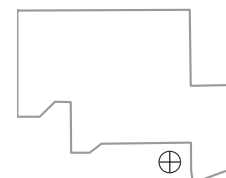
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect' 'All Non-Detect

Well Location

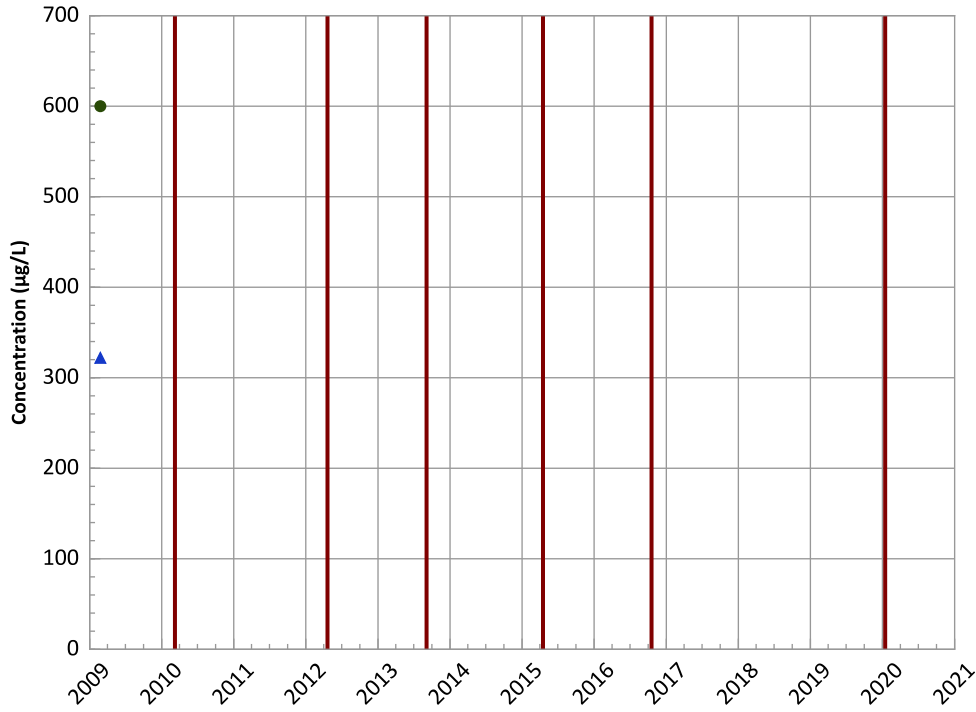


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

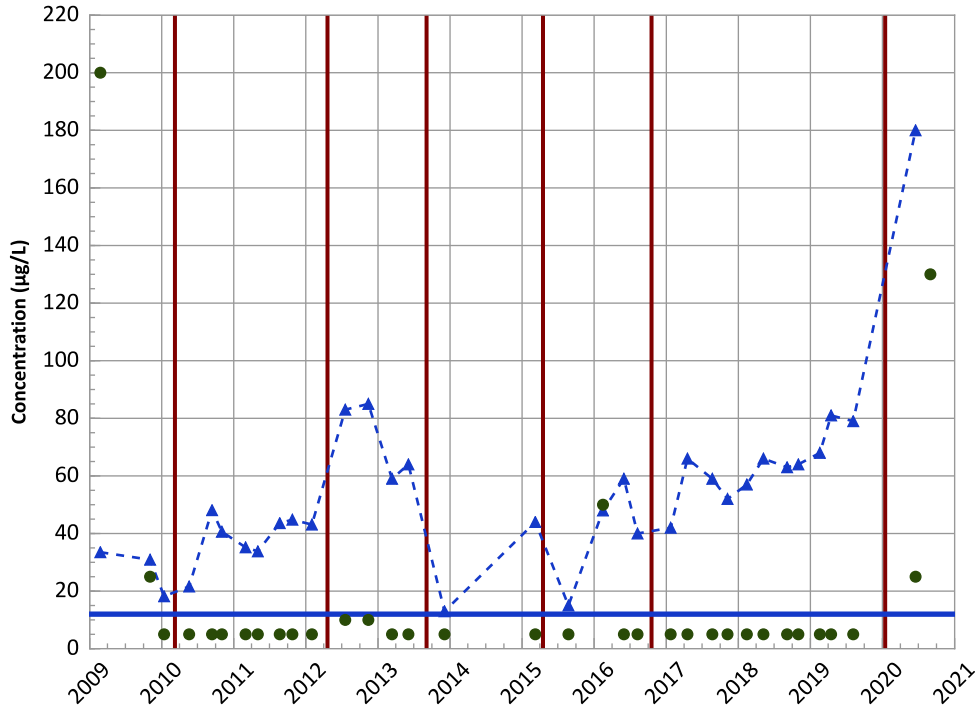
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

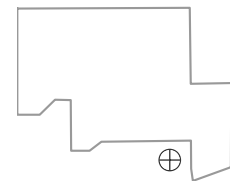
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

Well Location

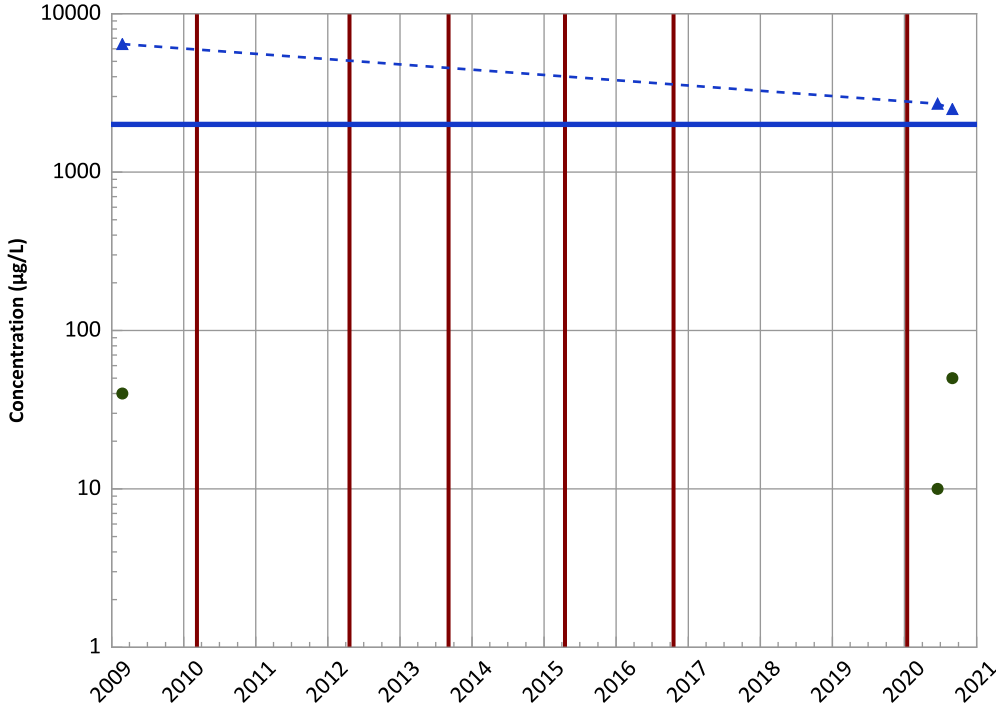


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

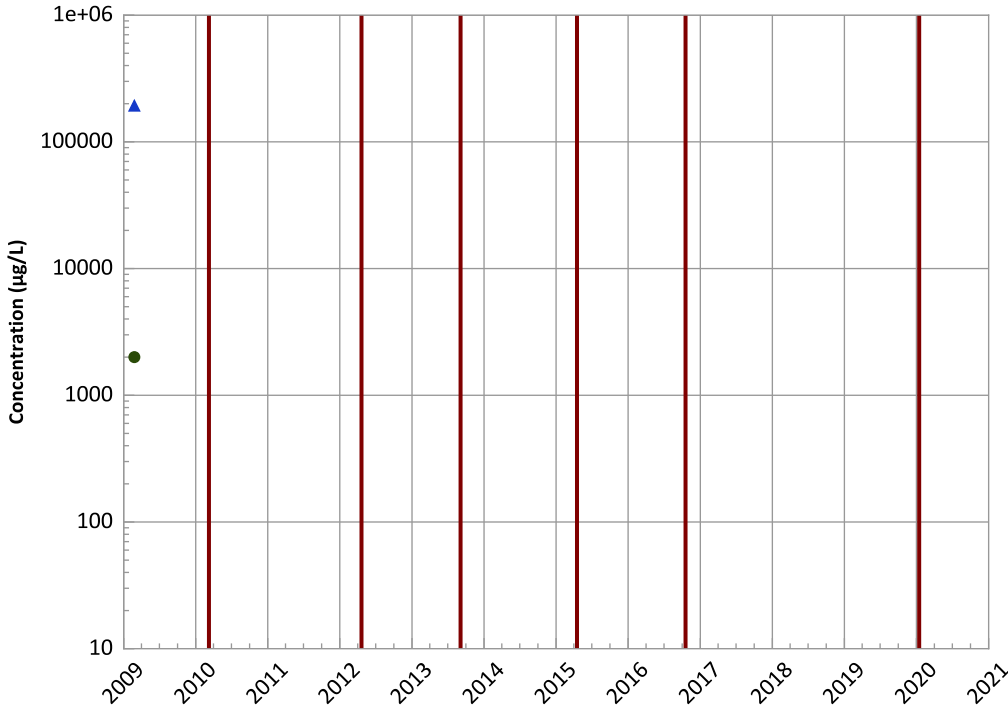
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

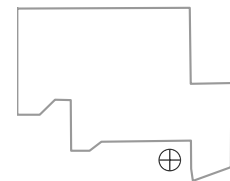
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

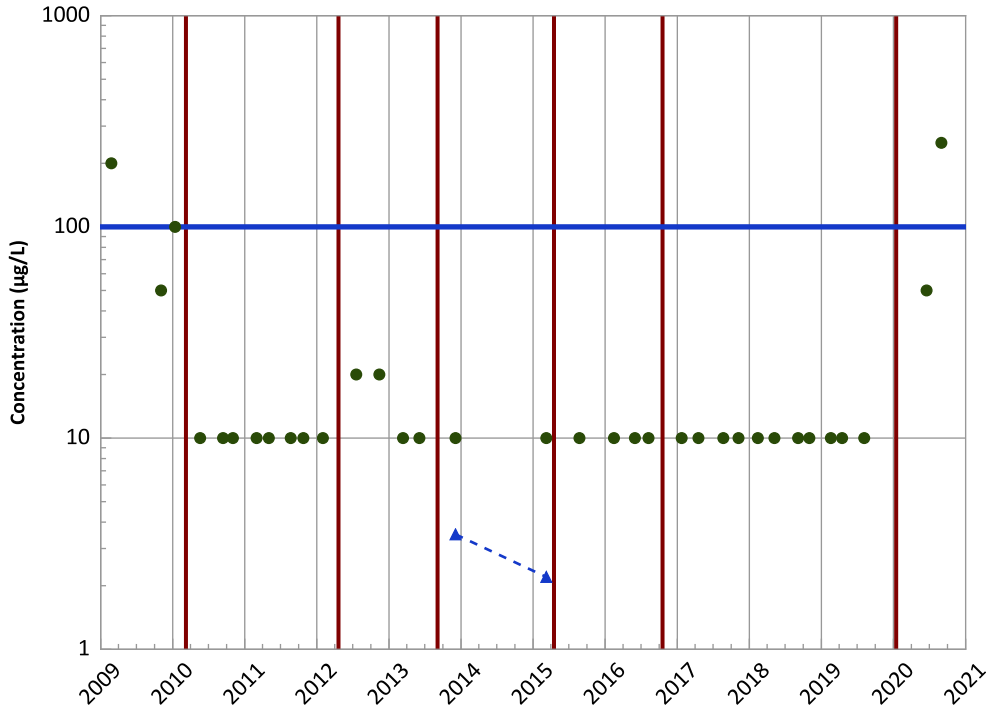


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

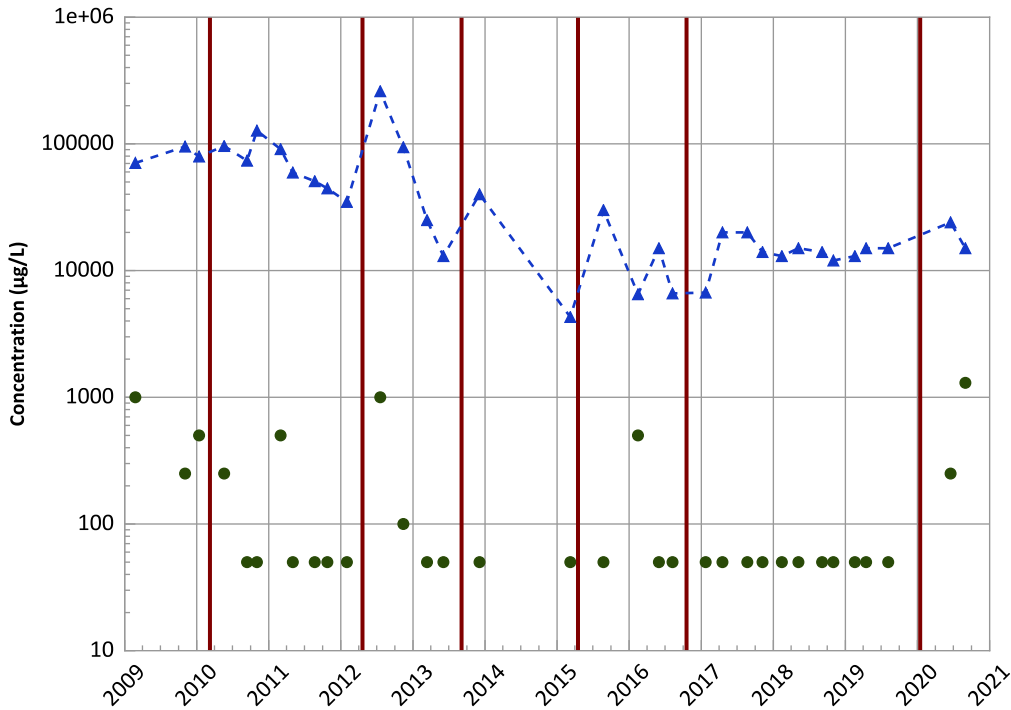


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect' All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Iron Trend

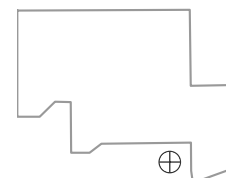


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Well Location

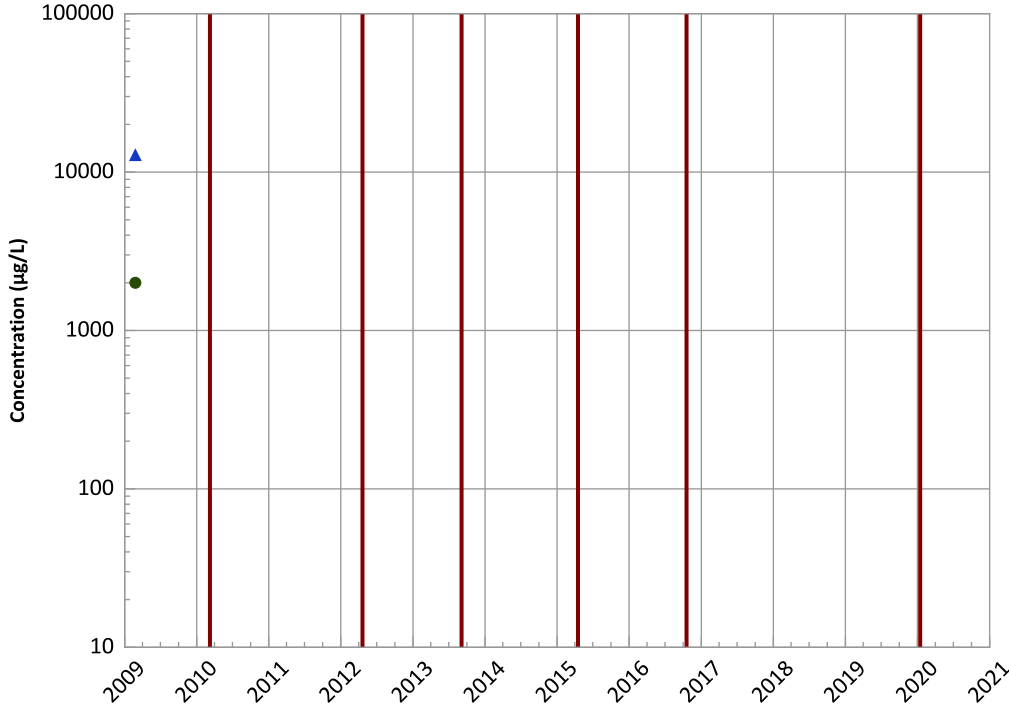


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

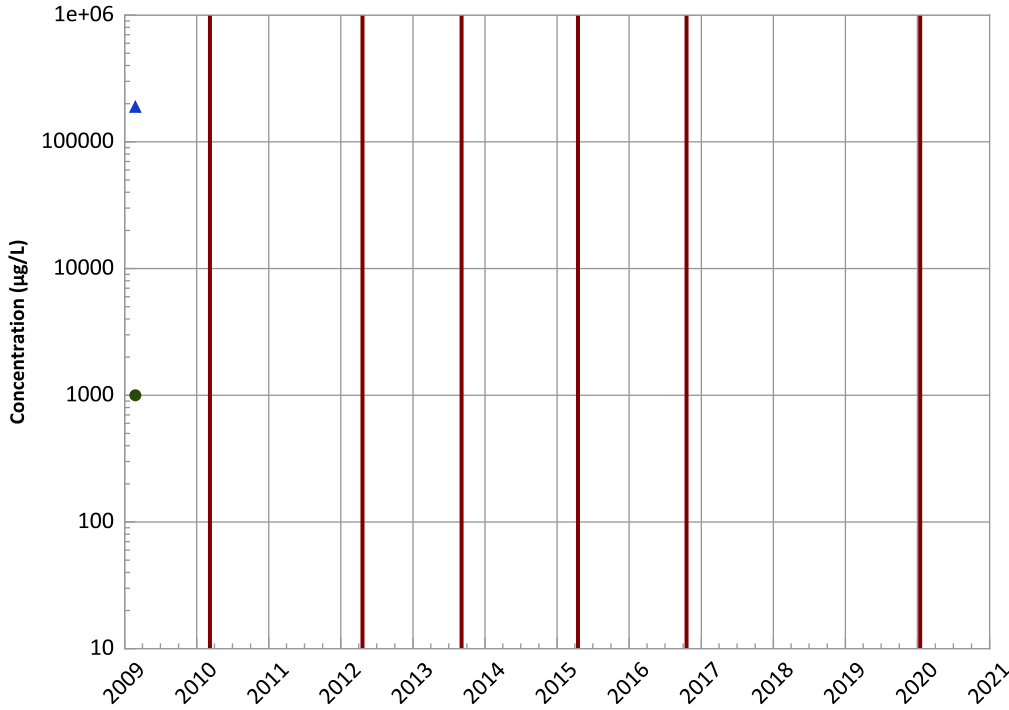


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Magnesium Trend

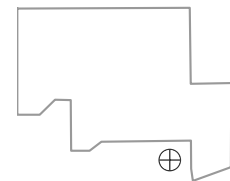


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

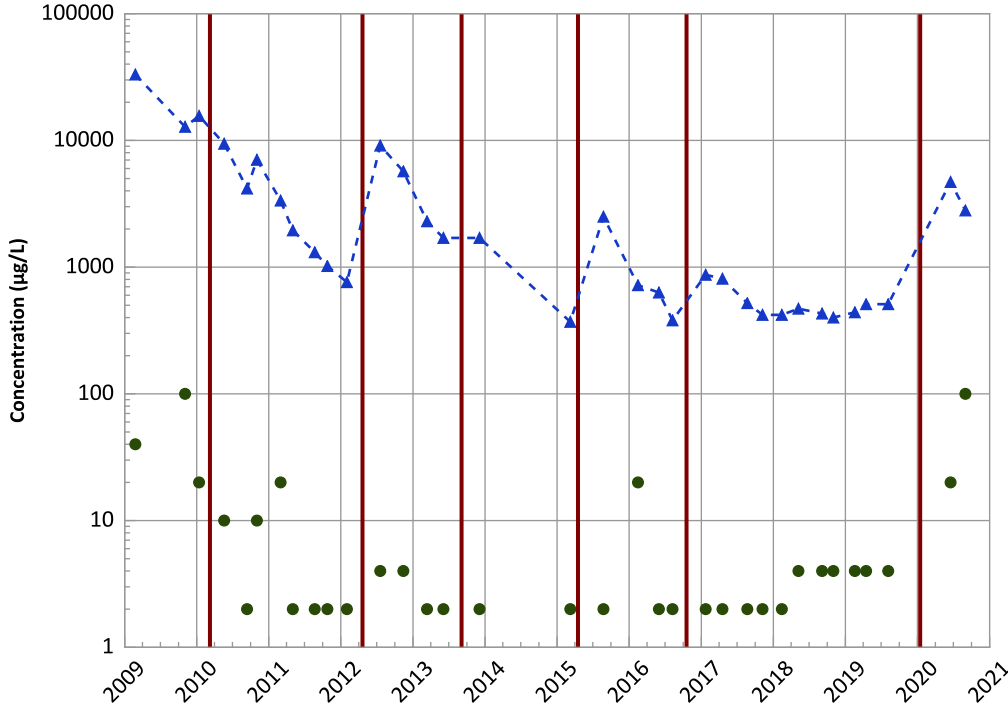


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

MAROS Linear Regression Method

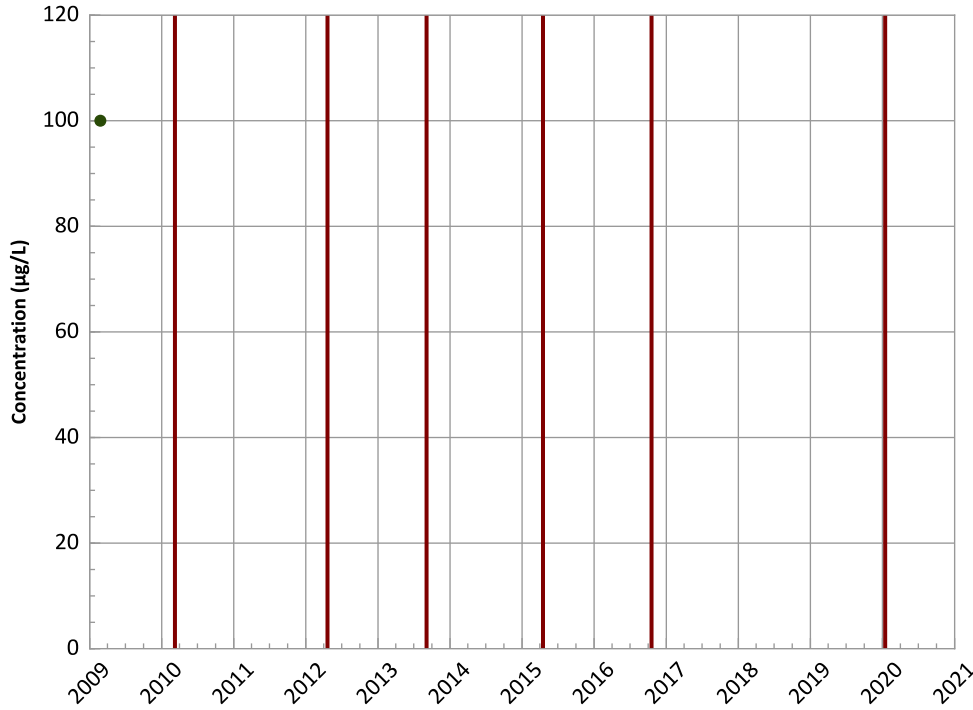
Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

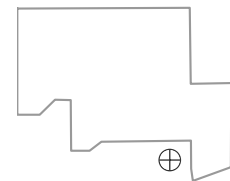
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect' 'All Non-Detect

Well Location

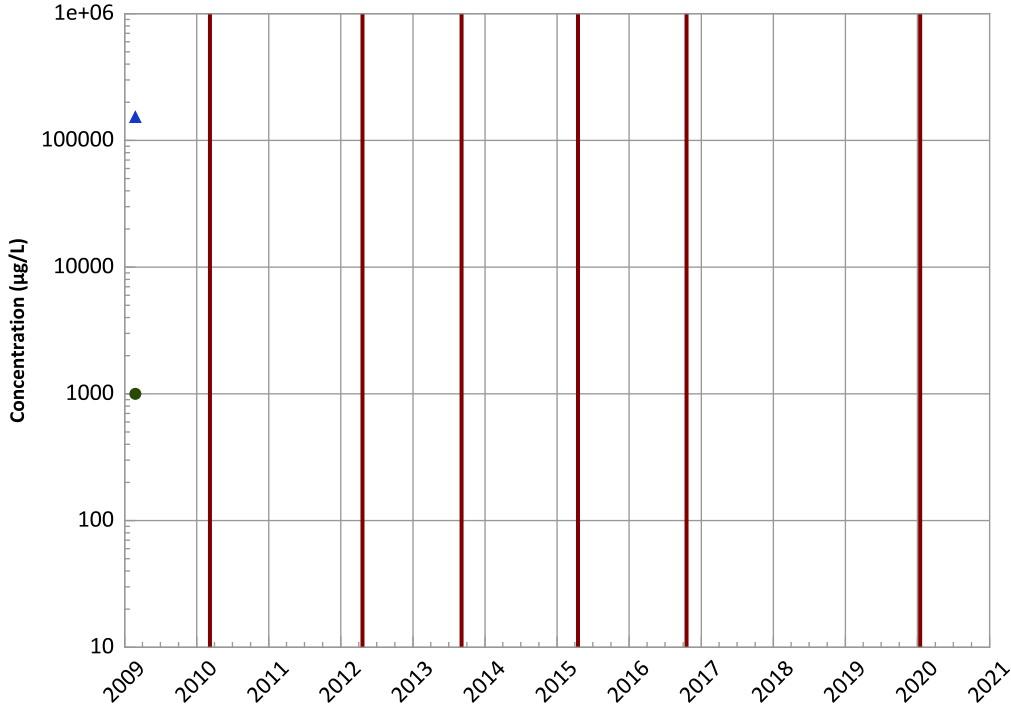


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

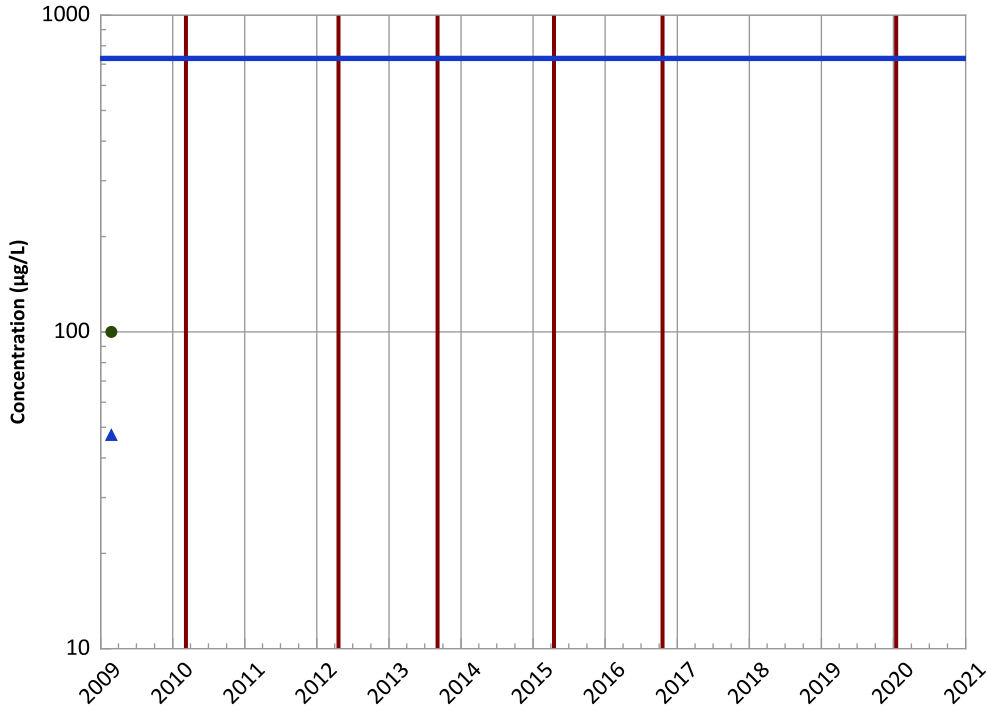
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

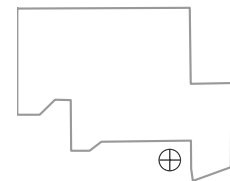
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

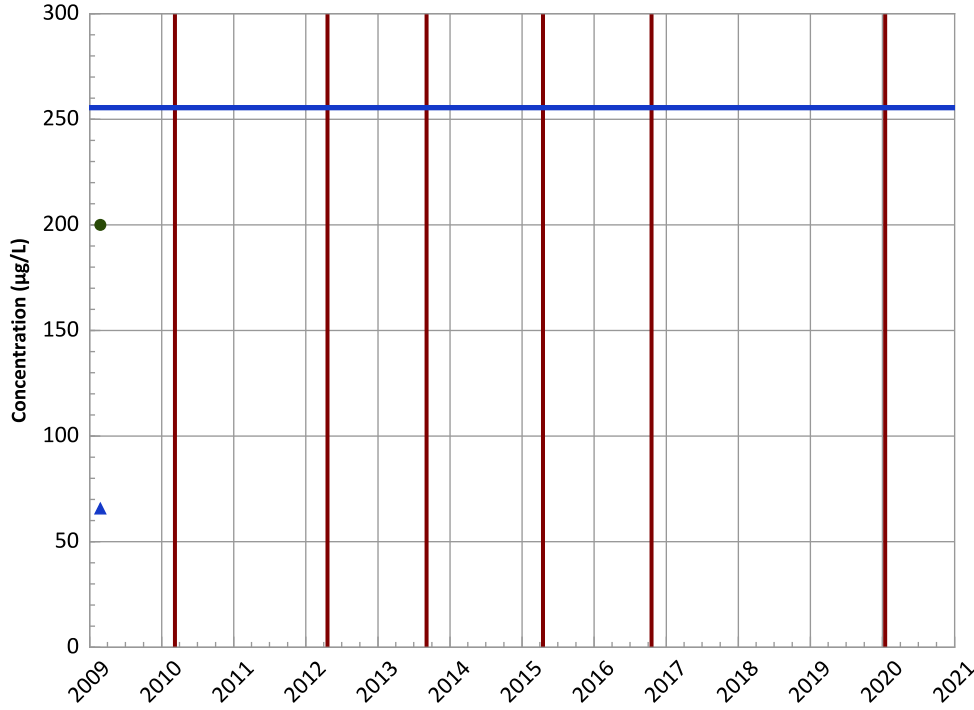


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

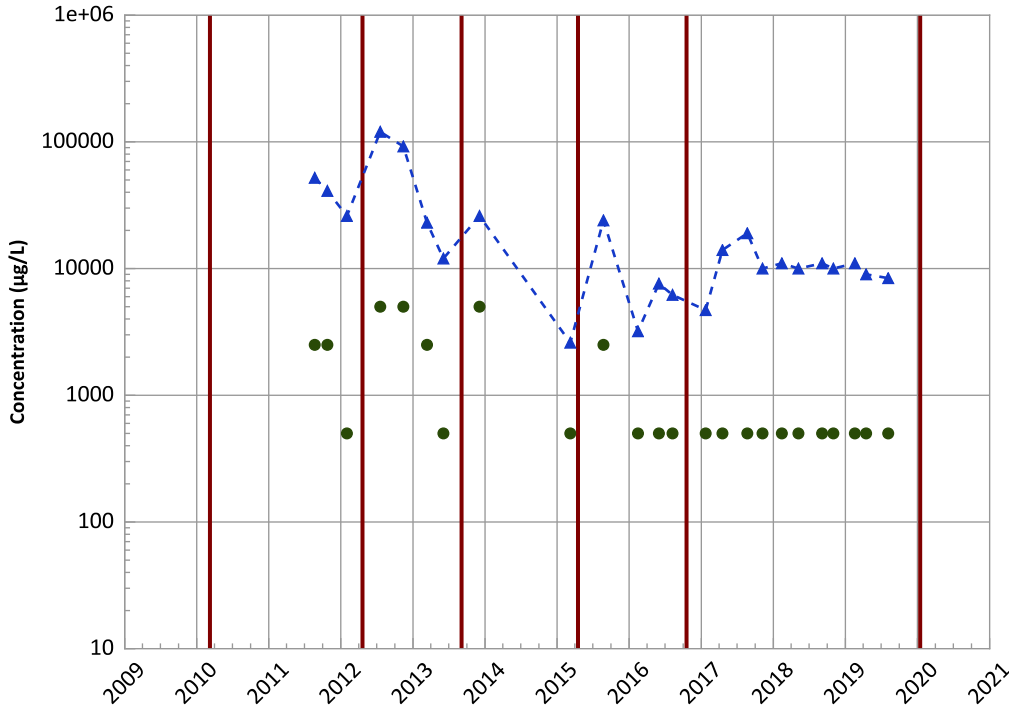


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Ferrous Iron Trend

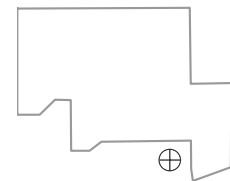


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Probably Decreasing

Well Location

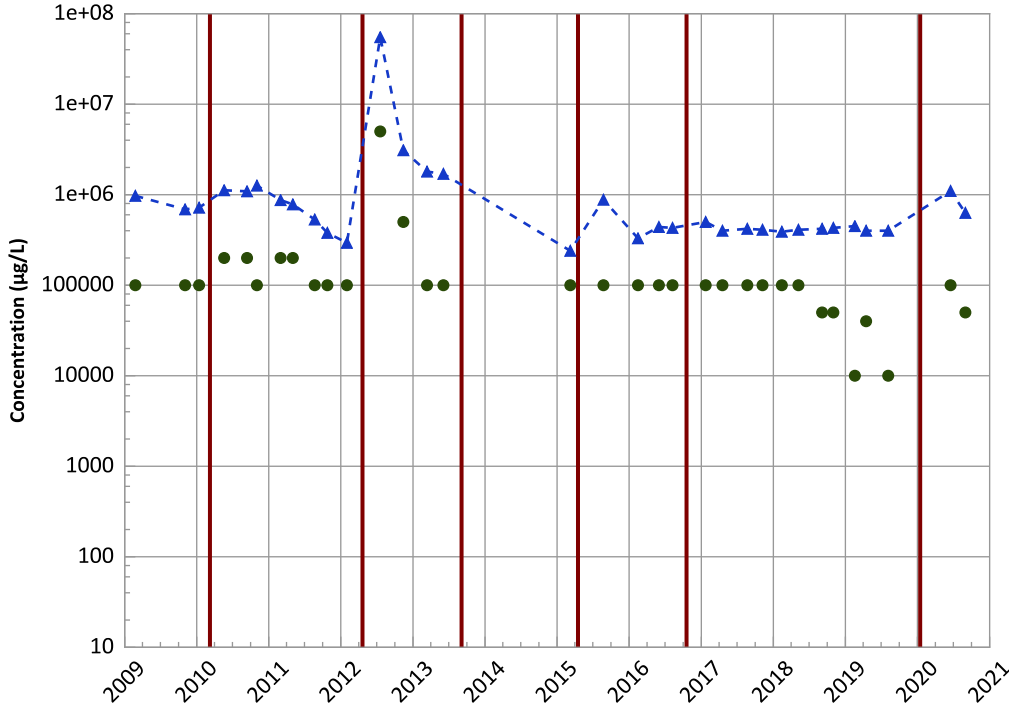


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing

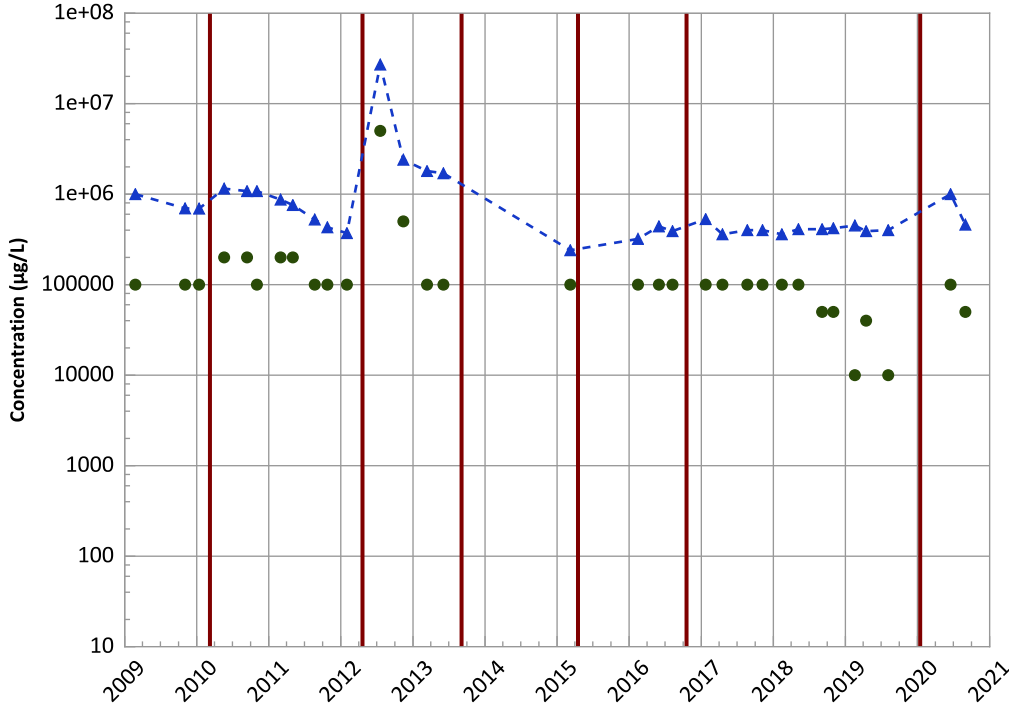
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Decreasing

2018 - 2020 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing

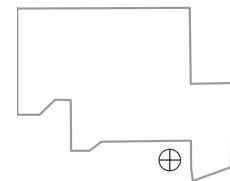
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Decreasing

2018 - 2020 Data:
No Trend

Well Location

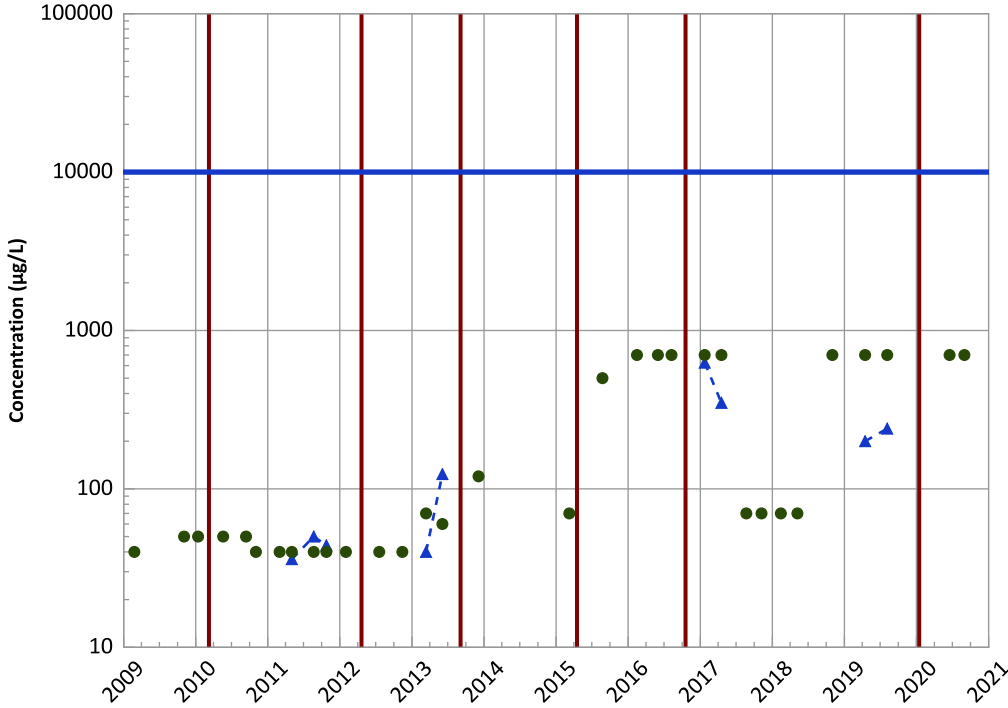


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

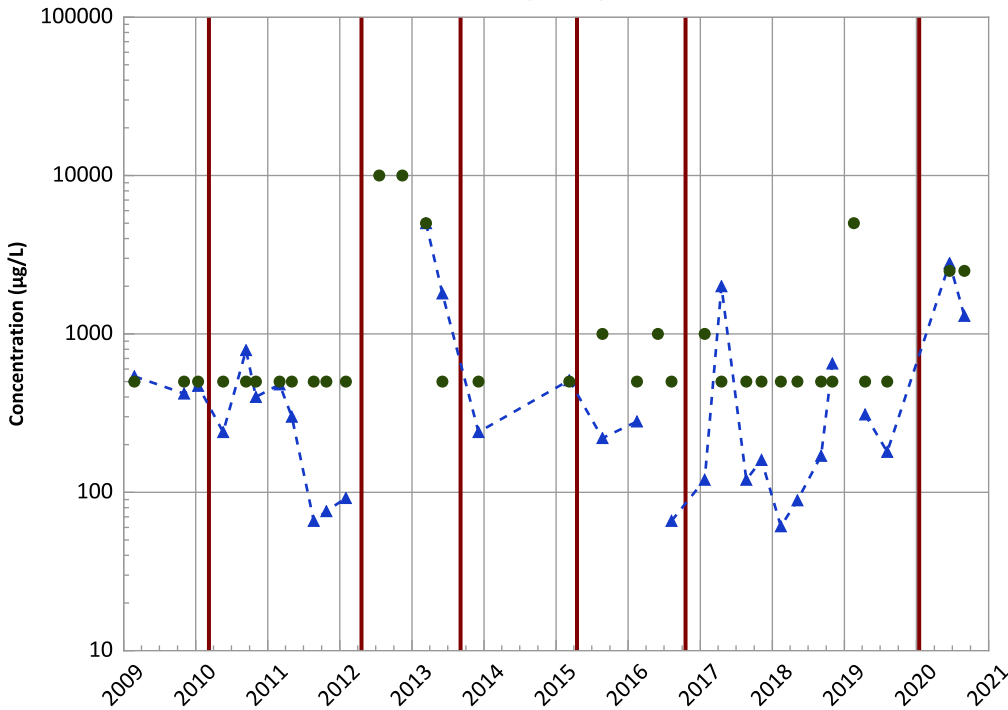


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Sulfate (as SO4) Trend

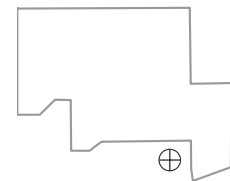


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

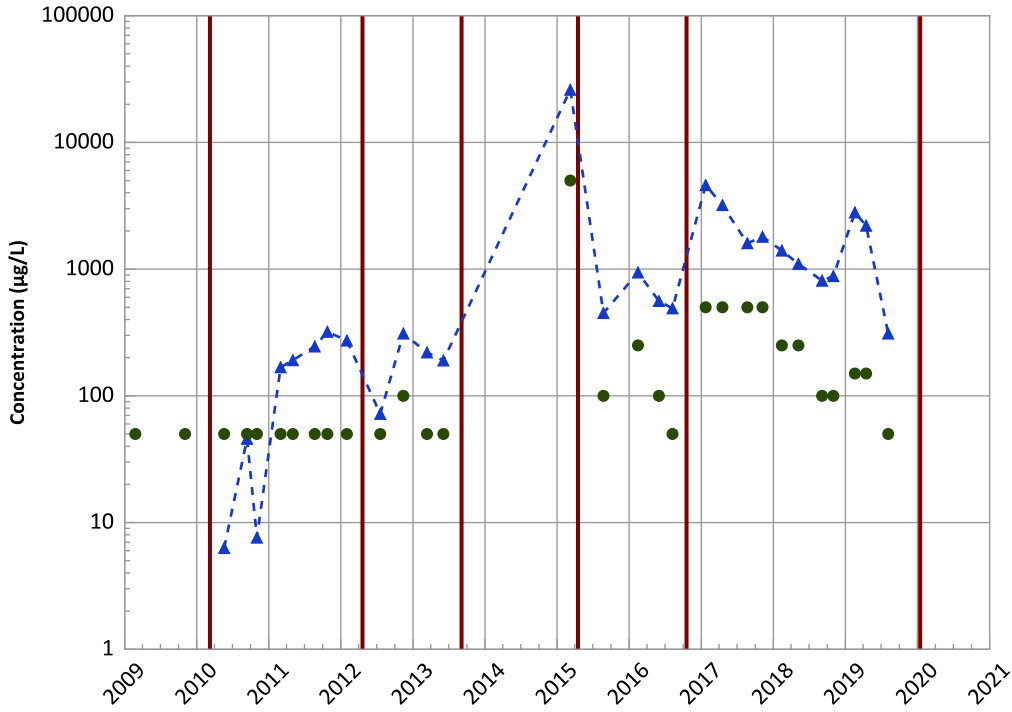
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant
Phosphorus, Total (as P) Trend**



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

Increasing

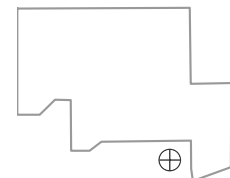
2018 - 2020 Data:

Stable

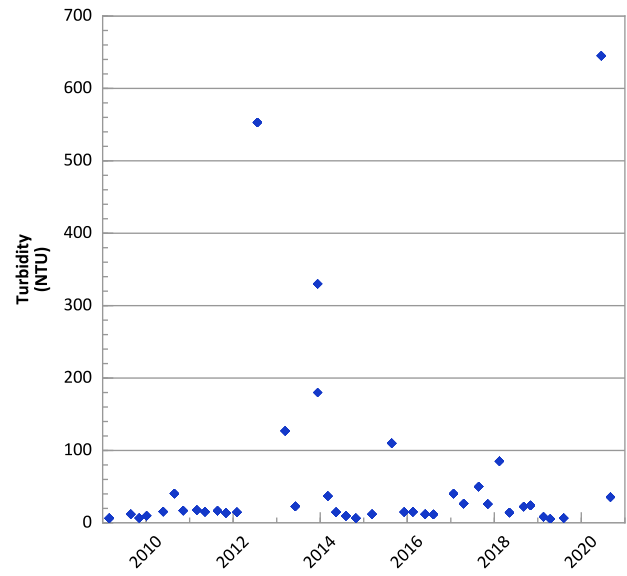
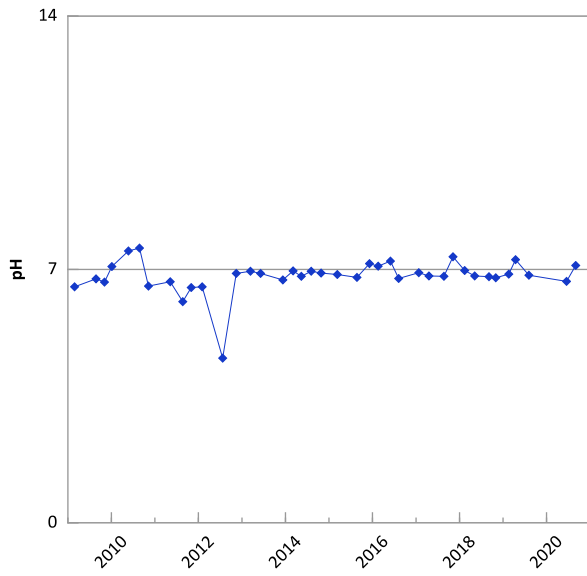
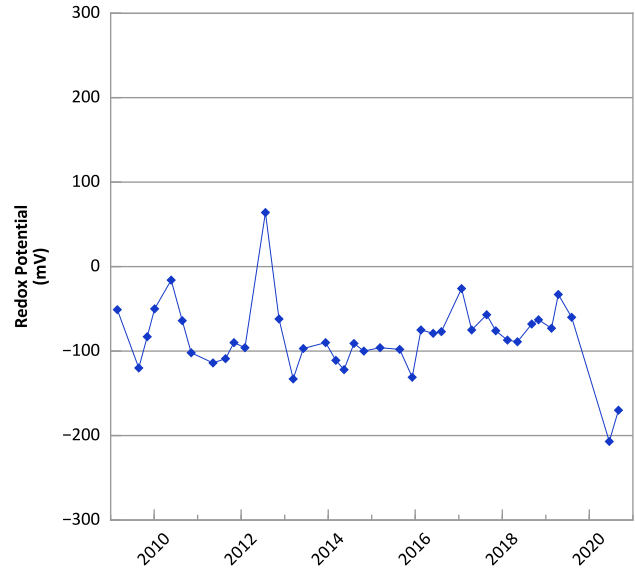
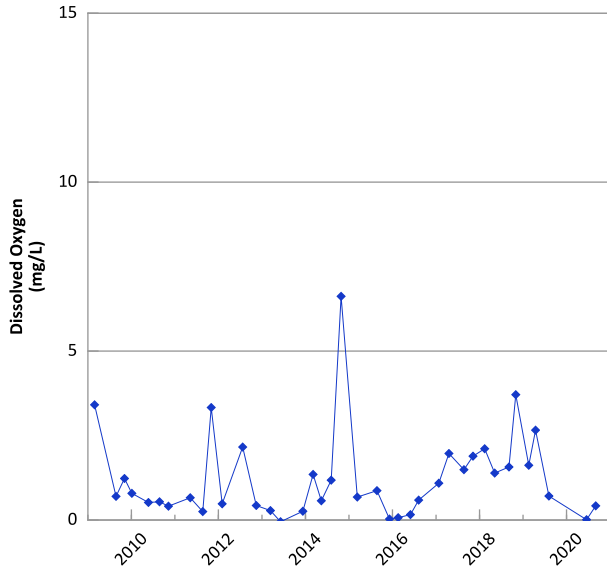
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/24/2009 to 08/31/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

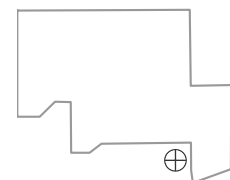


**PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



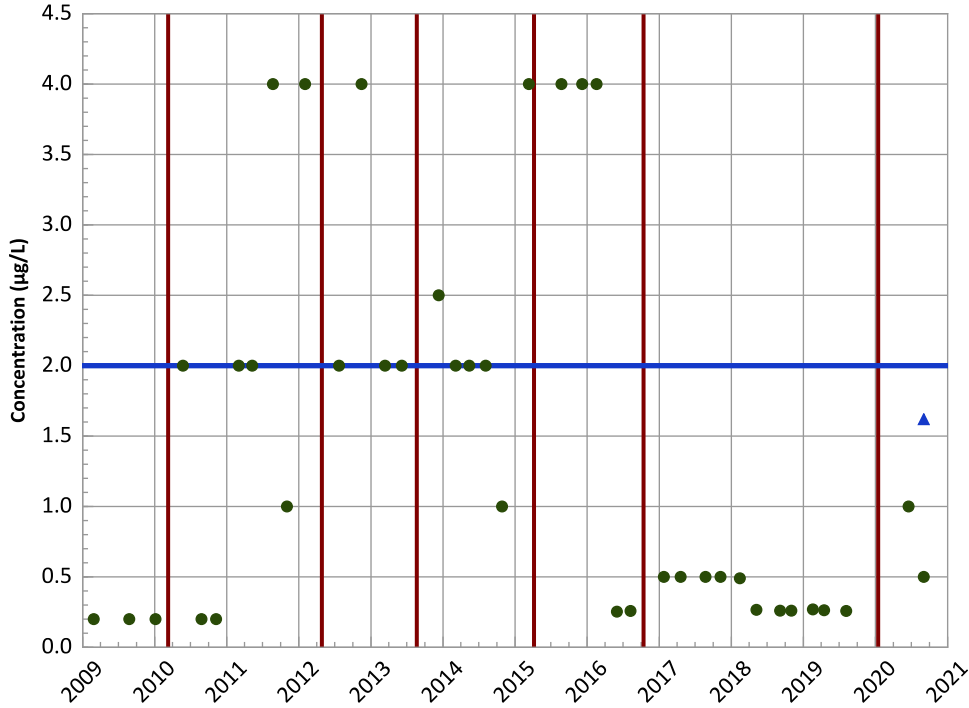
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 02/26/2009 to 09/02/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

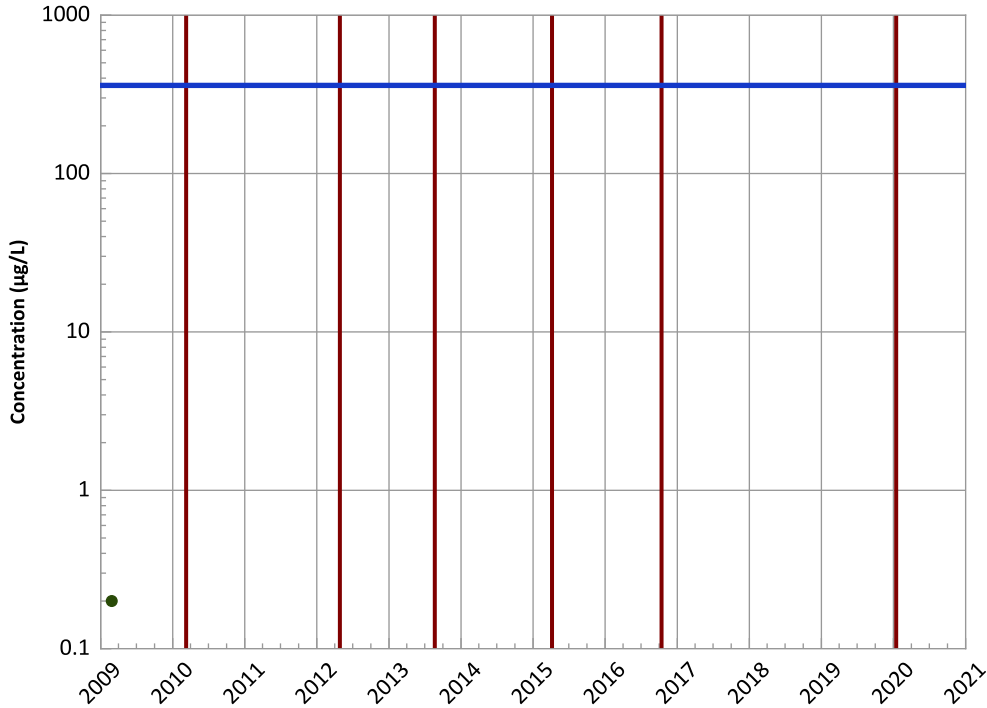


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

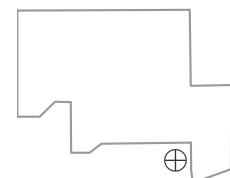


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

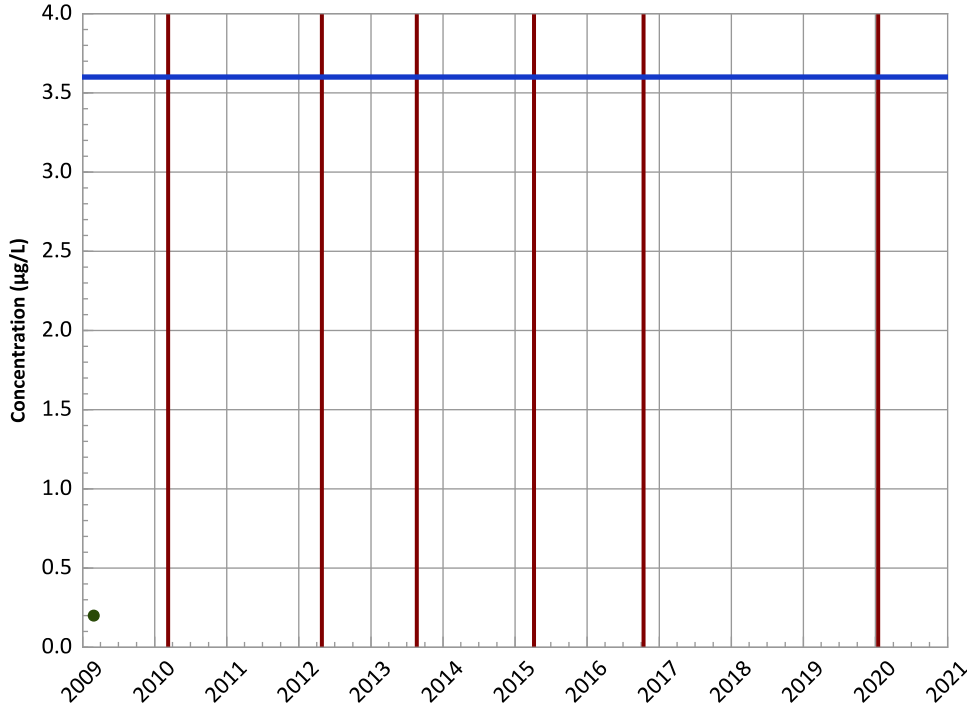


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

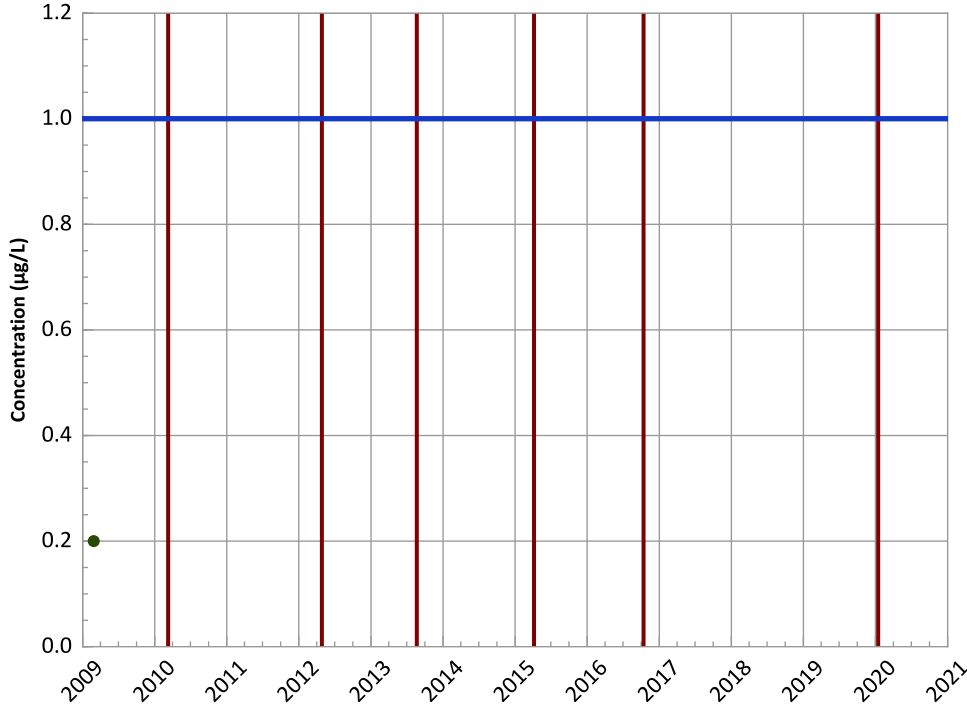
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

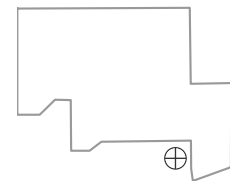
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

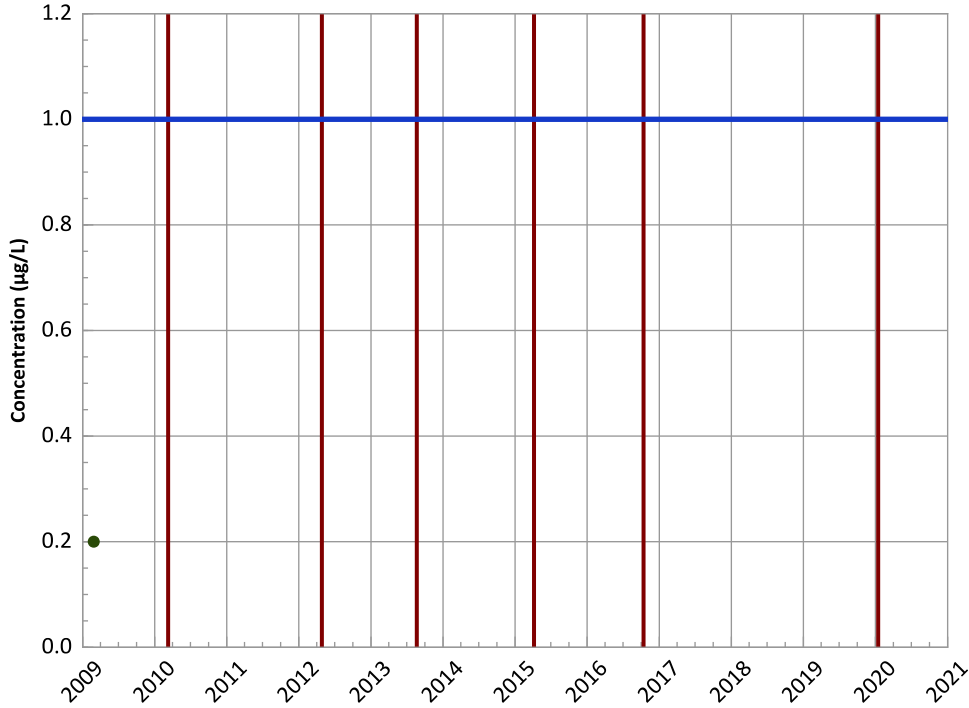


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

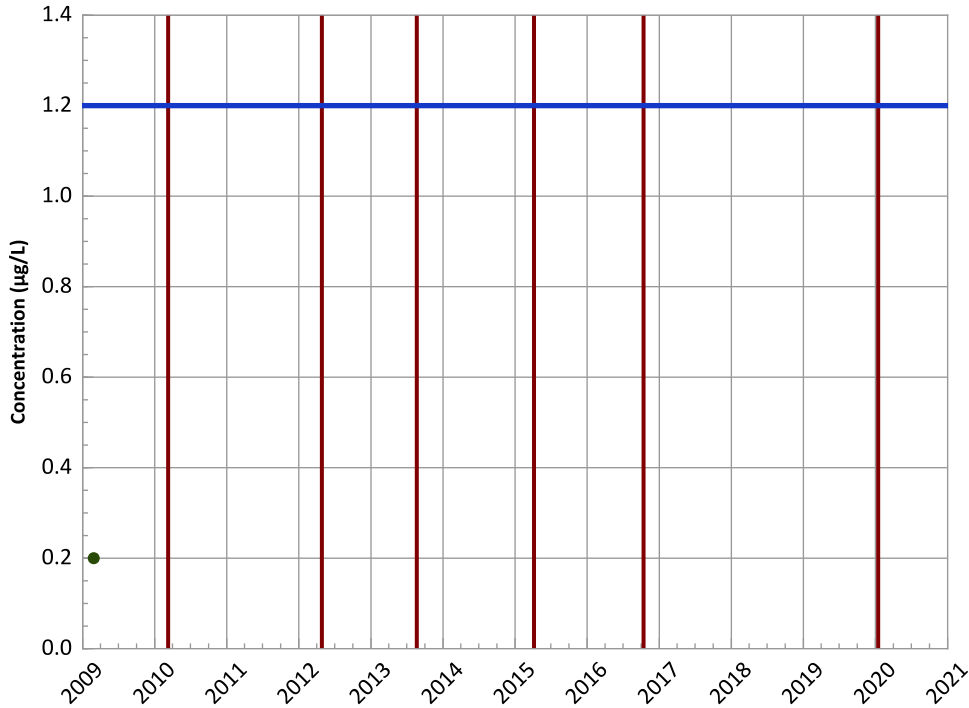


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

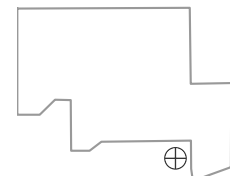


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

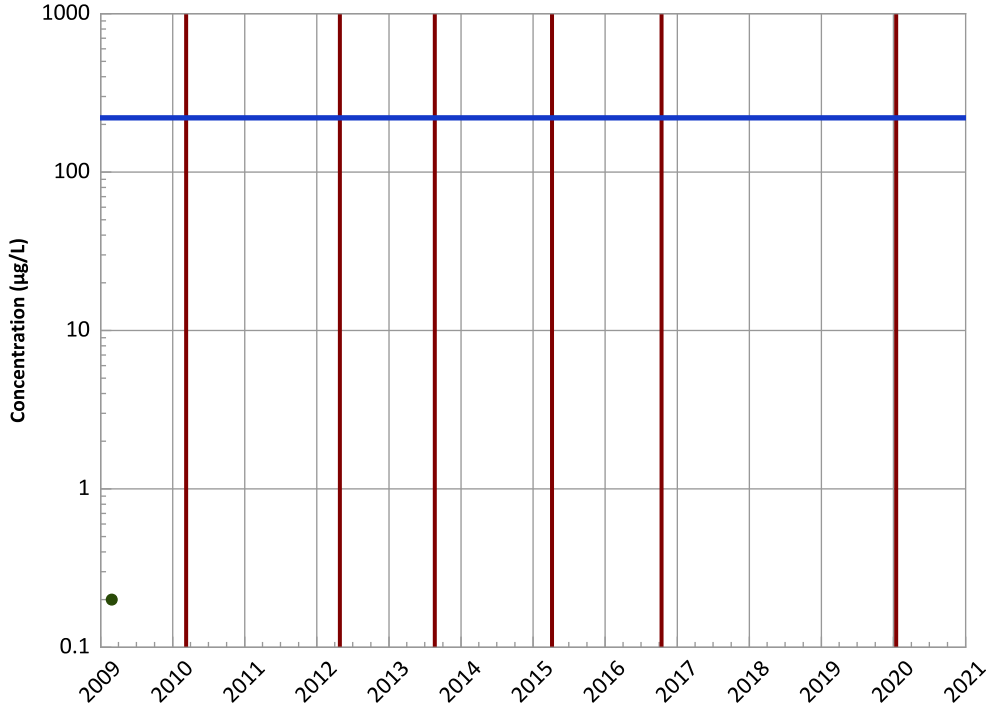


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

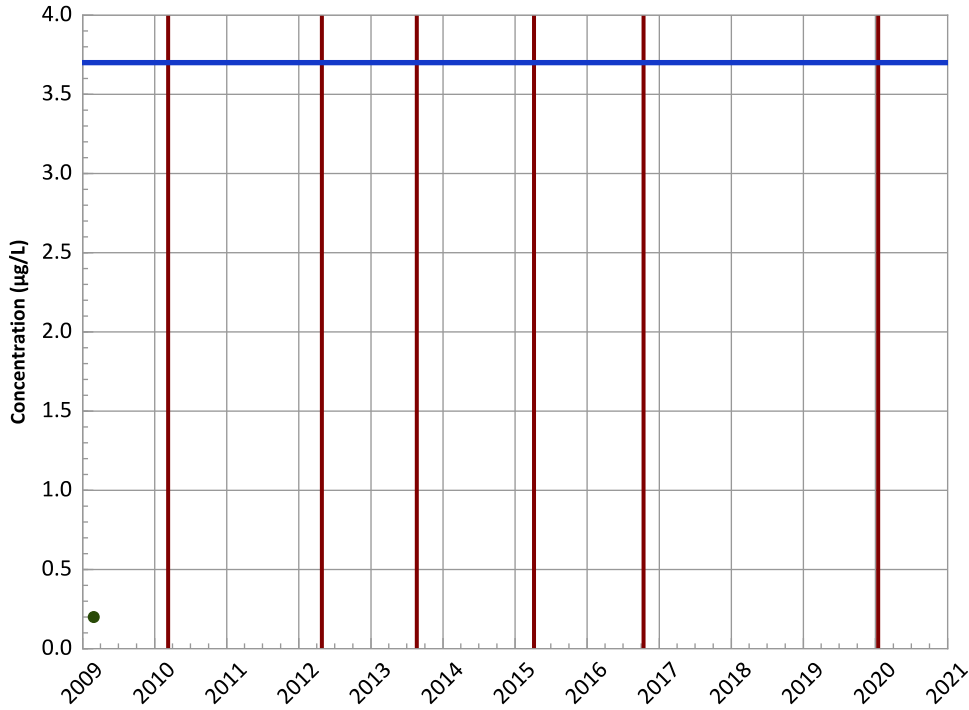


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

1,3-Dinitrobenzene Trend

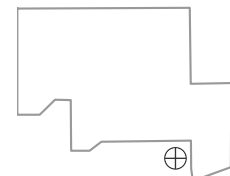


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

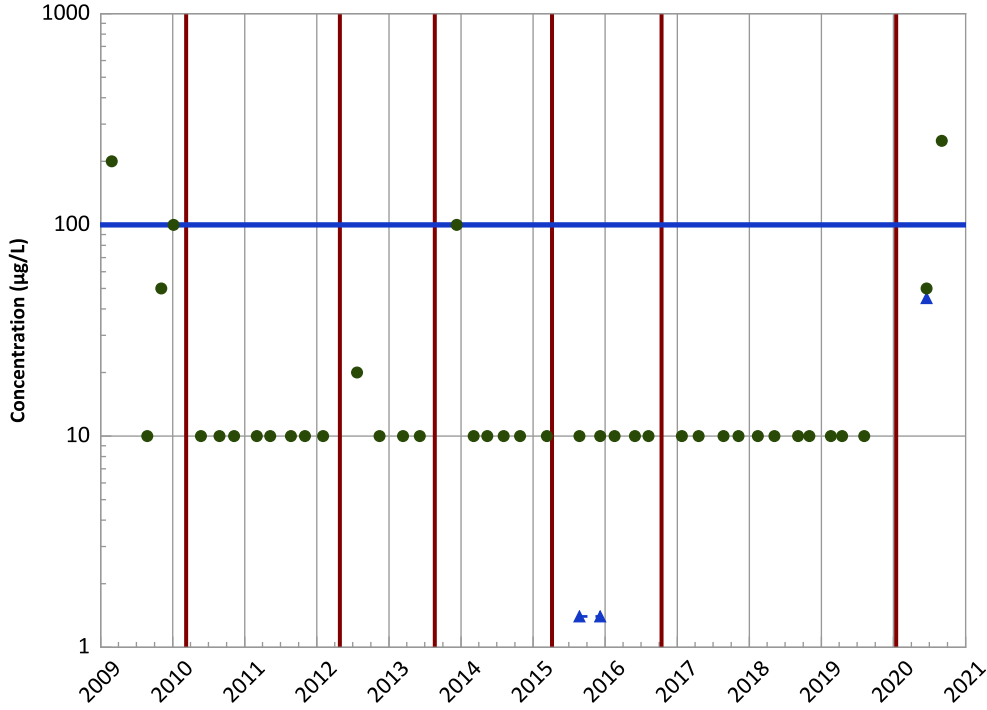


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

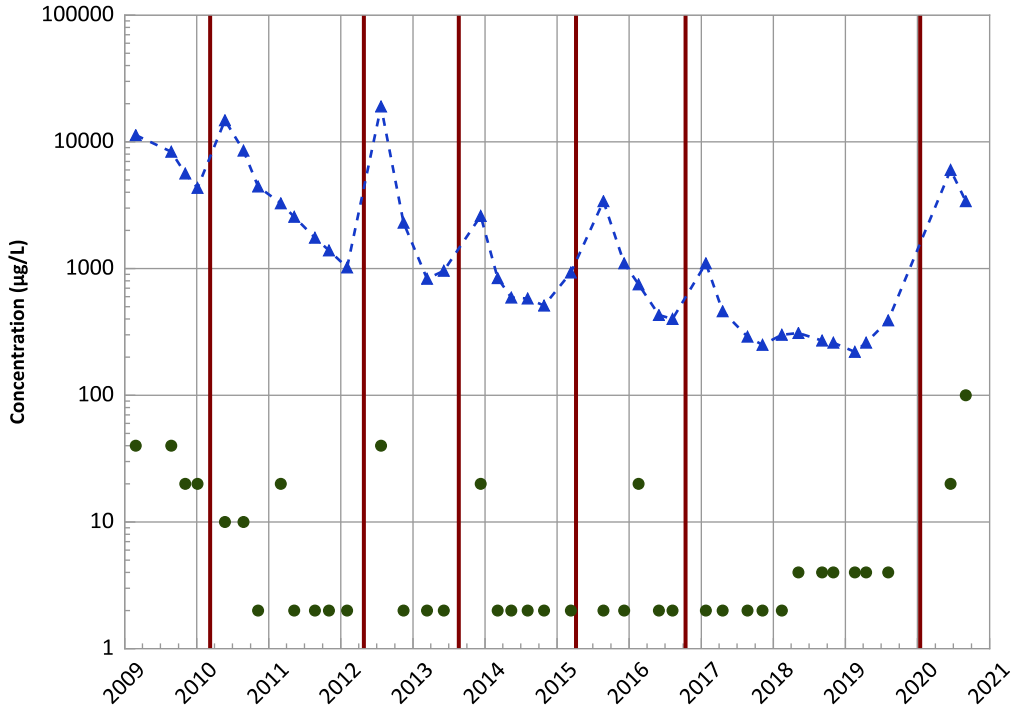


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Manganese Trend

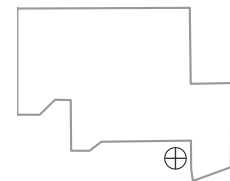


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Probably Increasing' 'Probably Increasing

Well Location

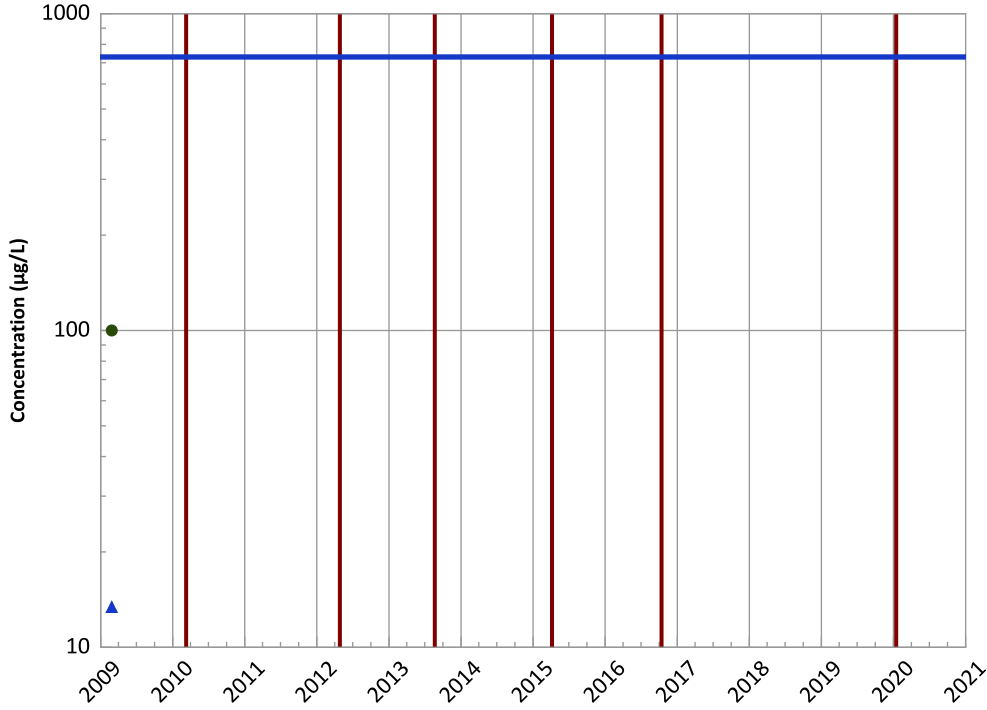


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

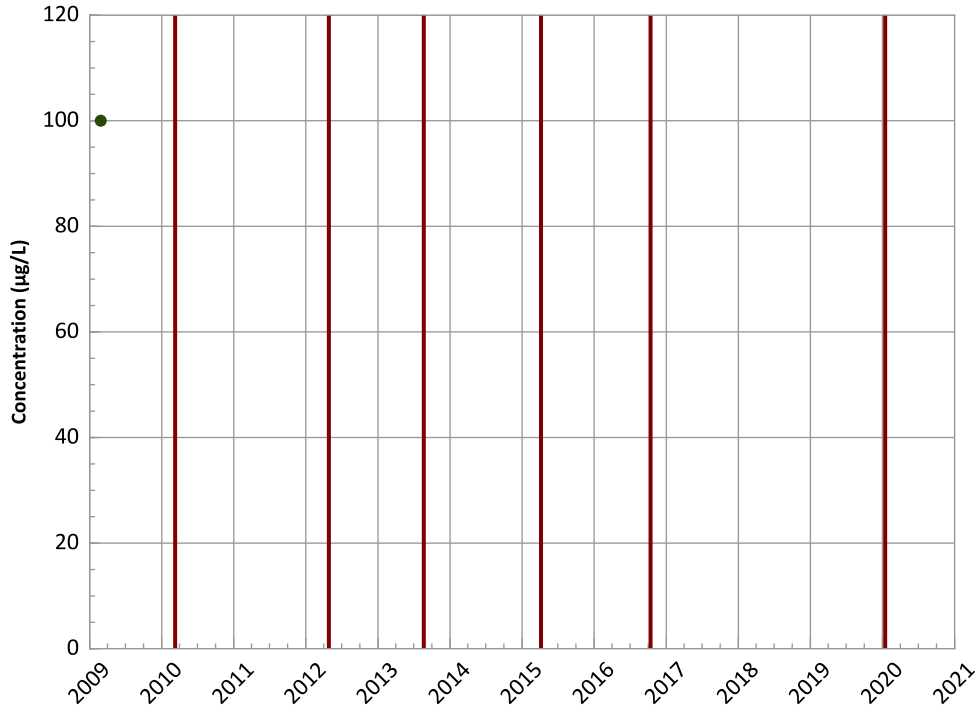
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

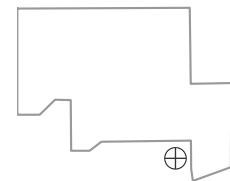
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect' 'All Non-Detect

Well Location

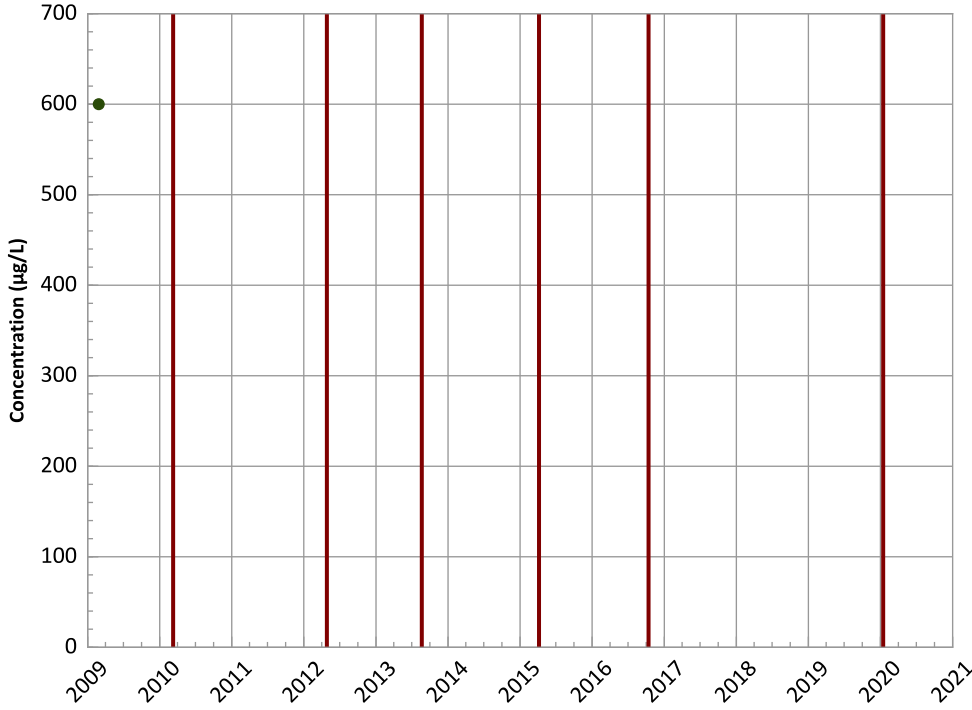


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

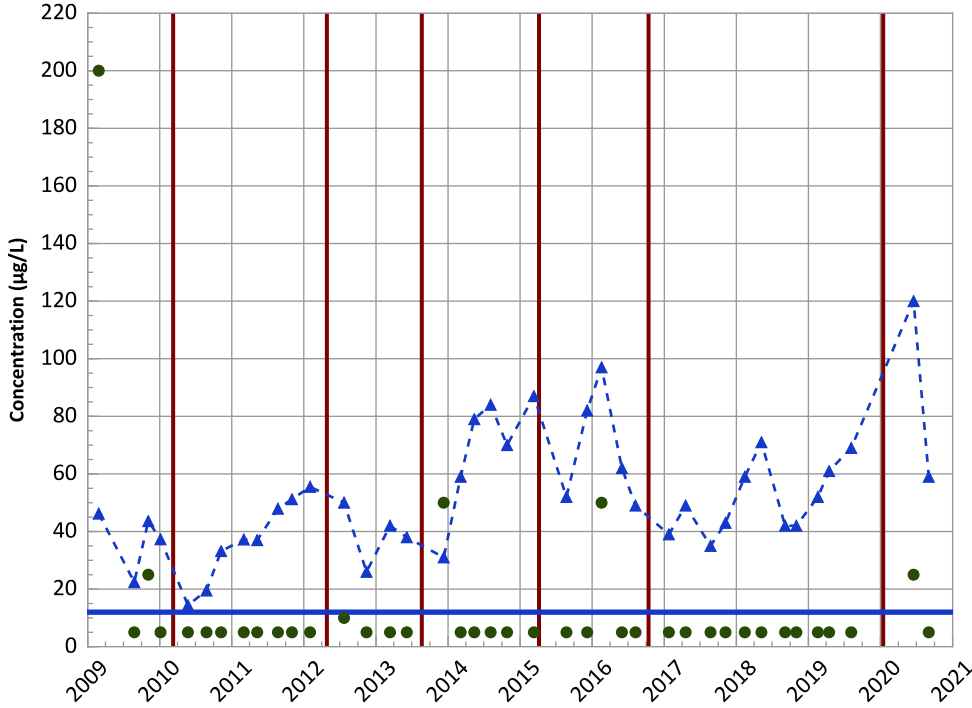
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Stable

MAROS Linear Regression Method

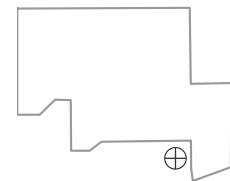
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

Well Location

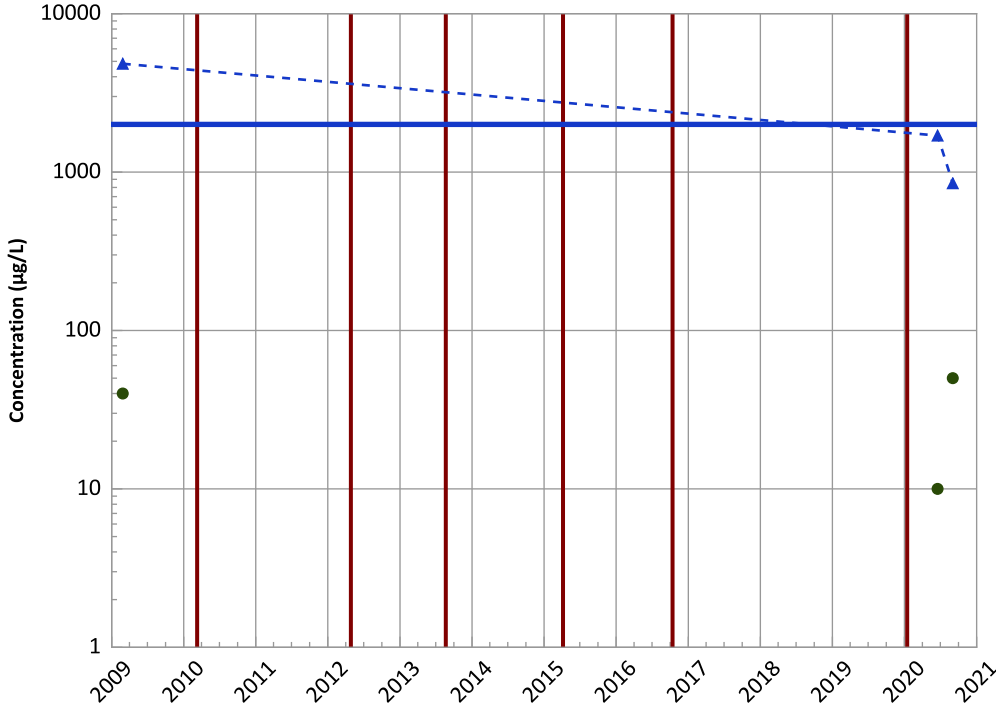


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

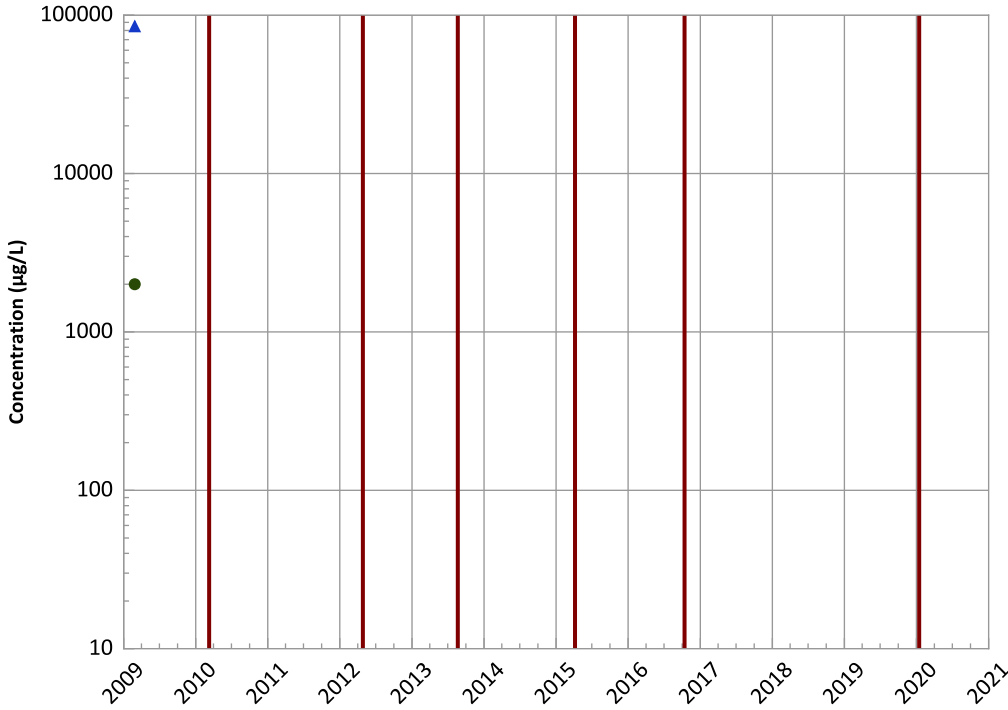
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

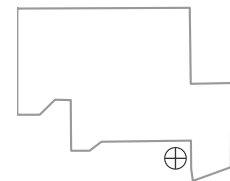
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

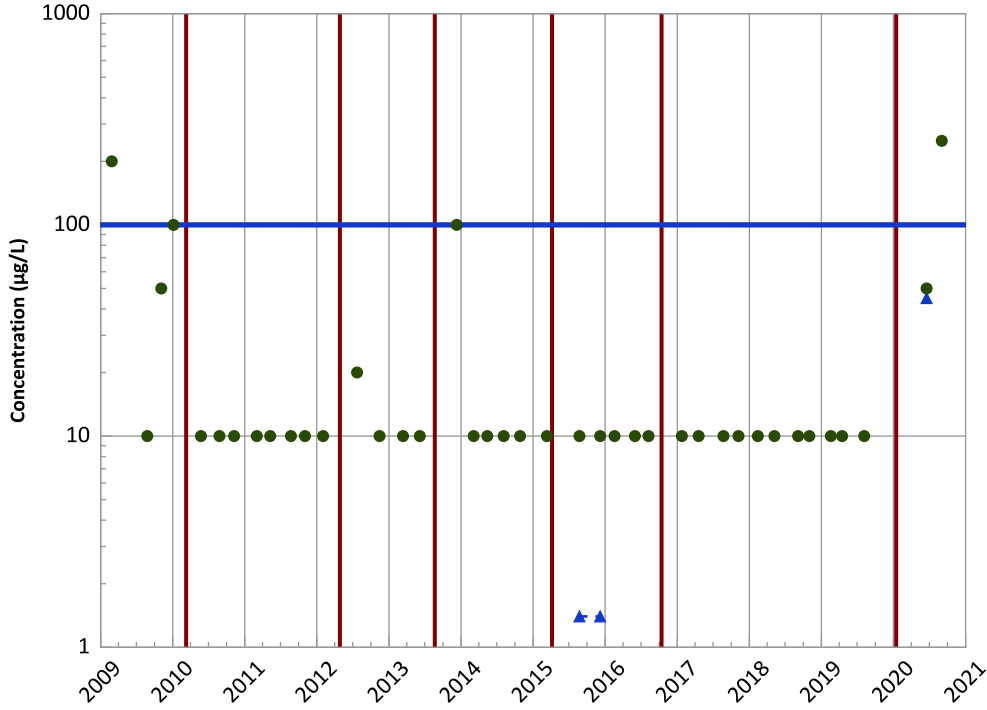


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

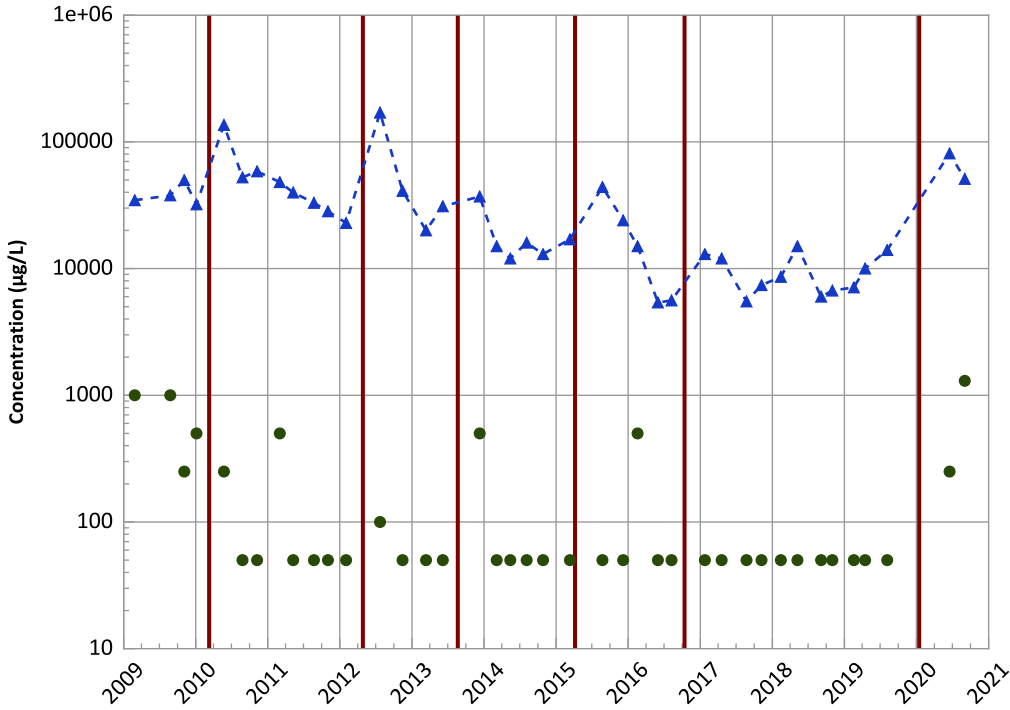


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Iron Trend

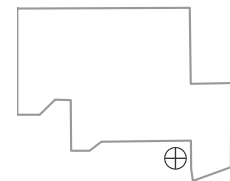


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Probably Increasing

Well Location

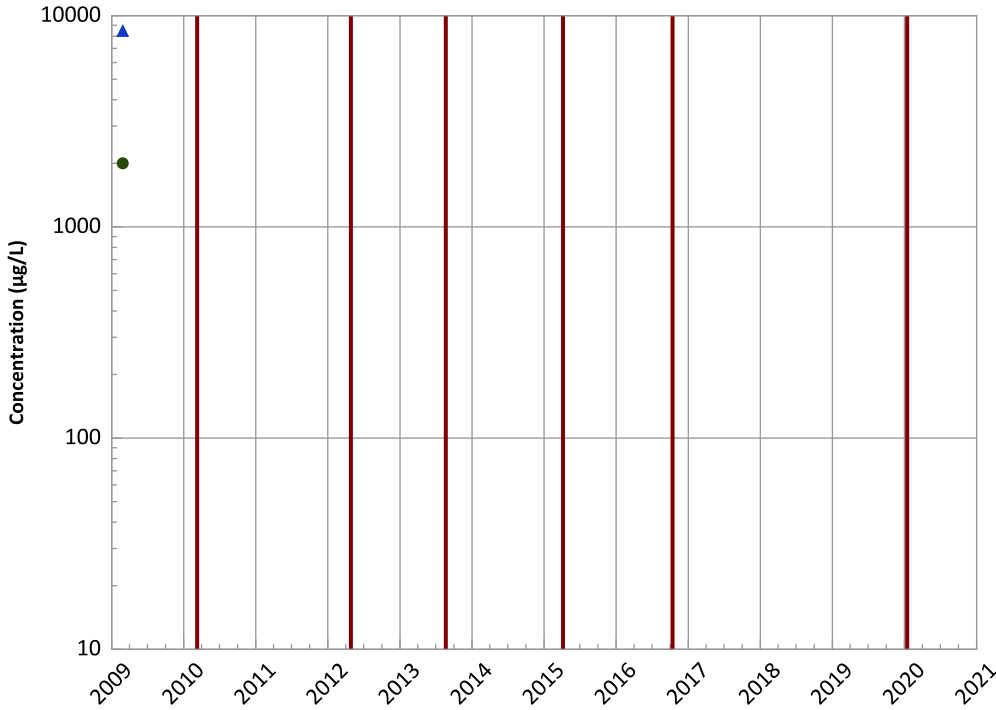


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

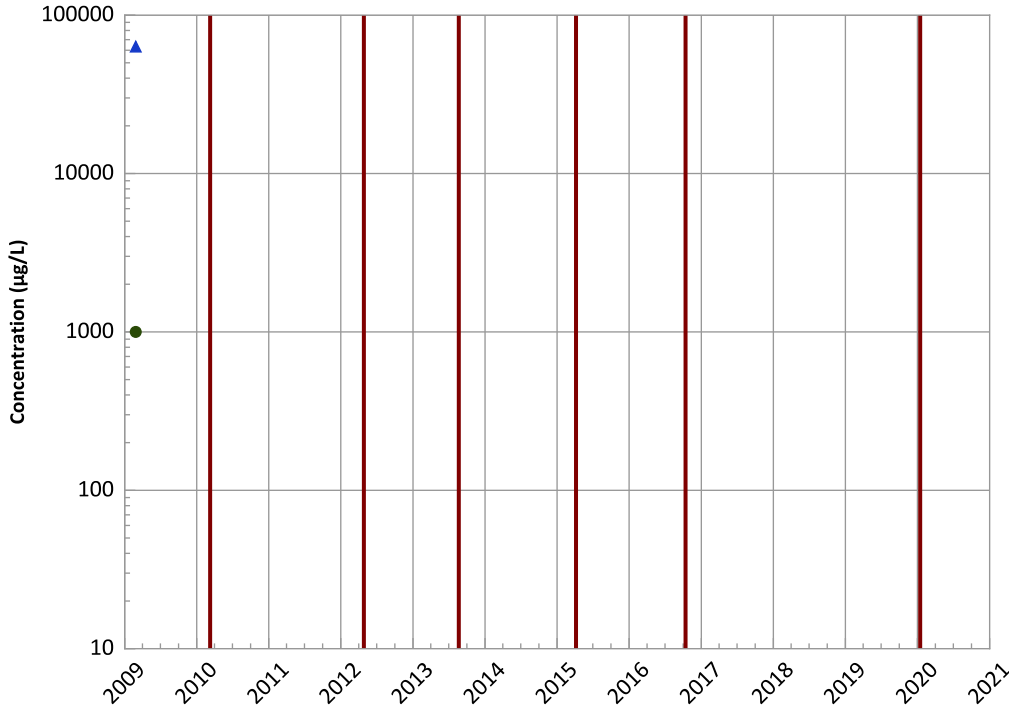
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

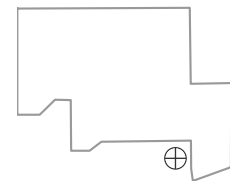
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

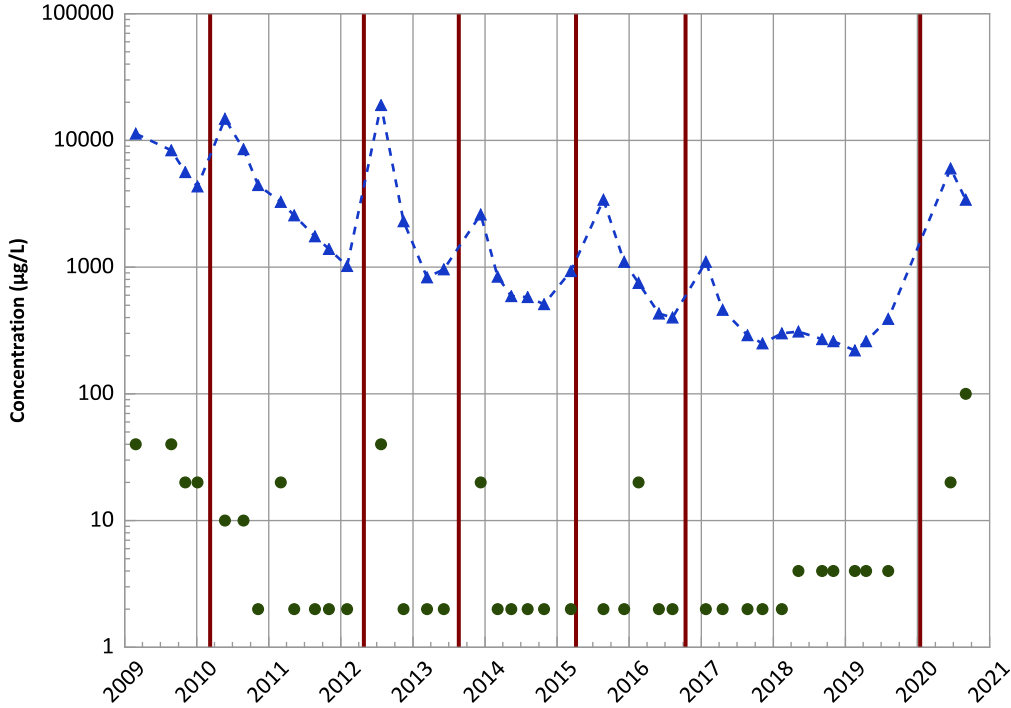


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

MAROS Linear Regression Method

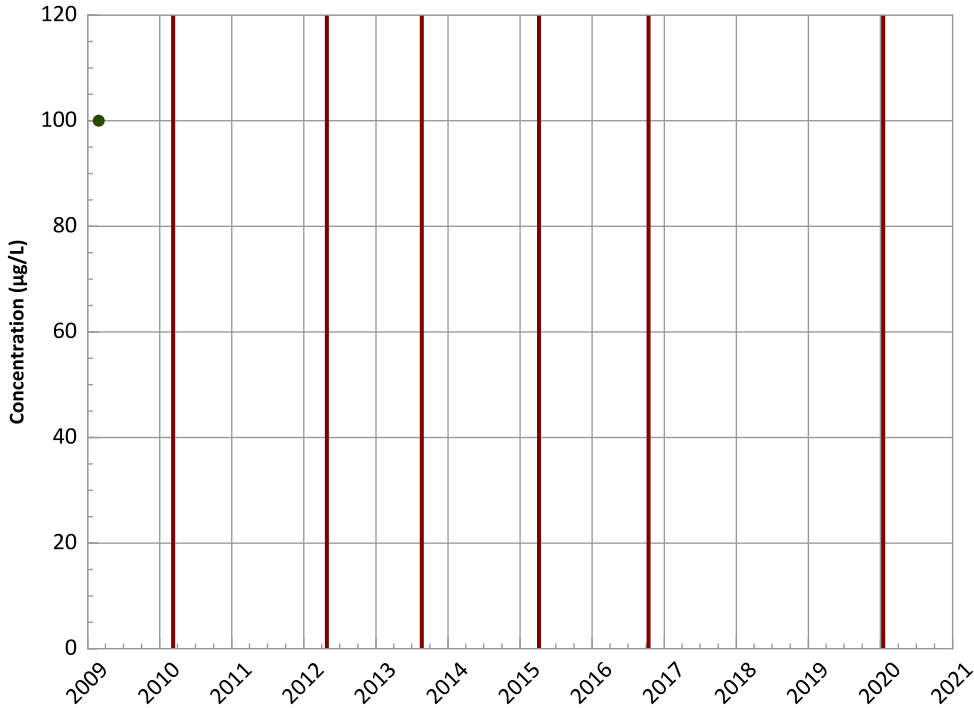
Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Probably Increasing' 'Probably Increasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

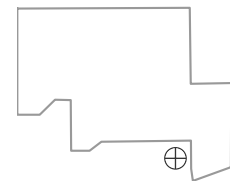
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect' 'All Non-Detect

Well Location

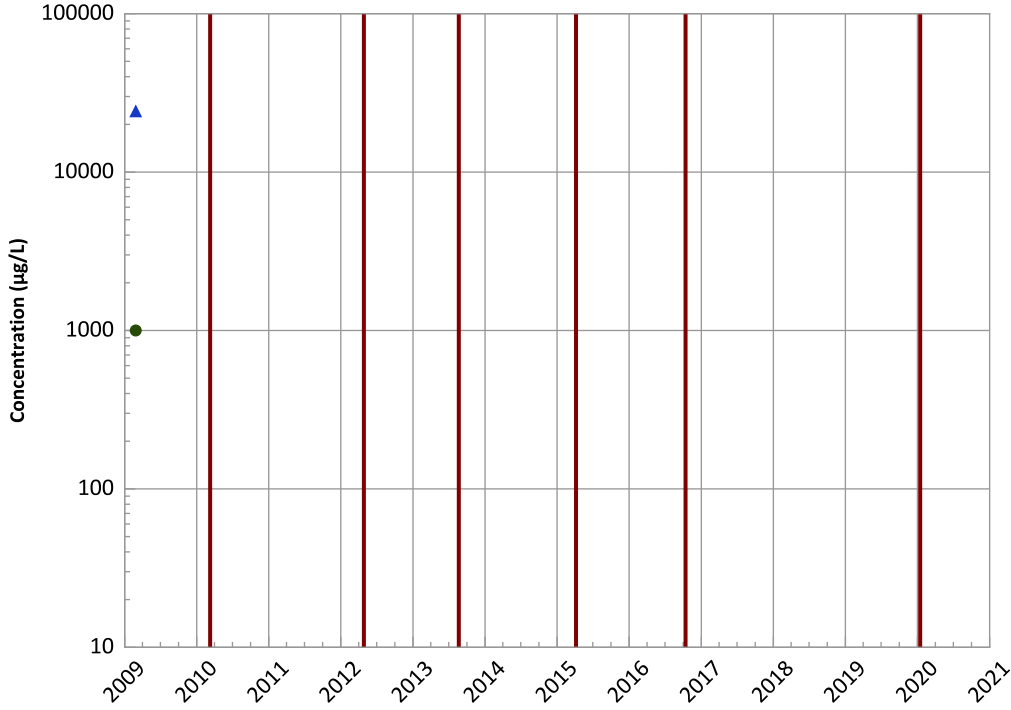


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

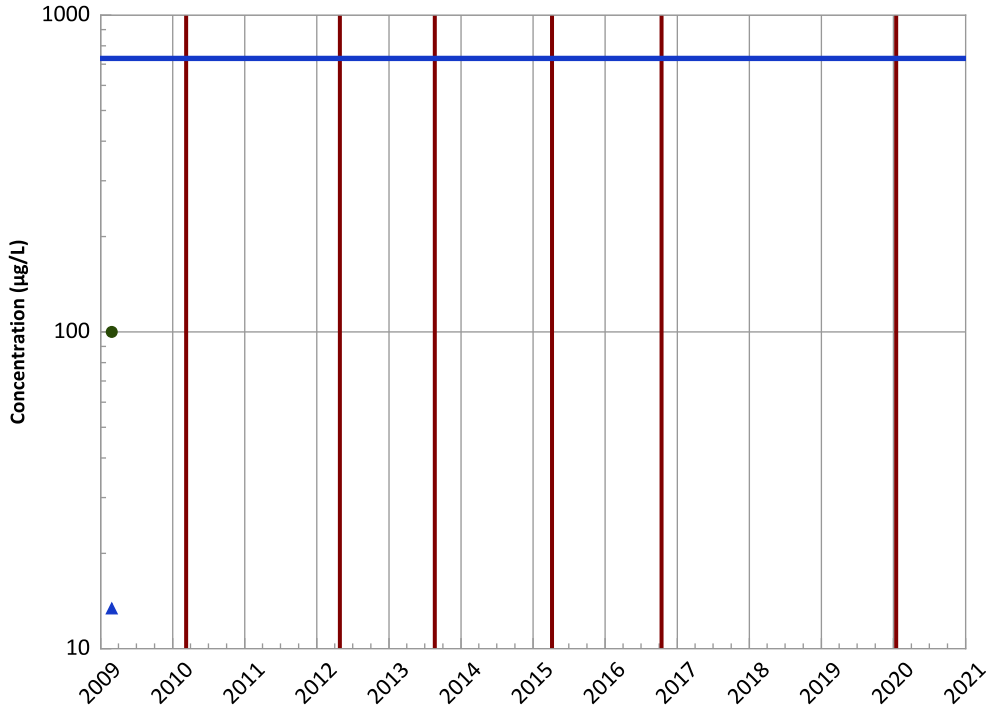
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

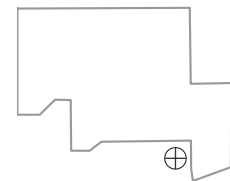
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

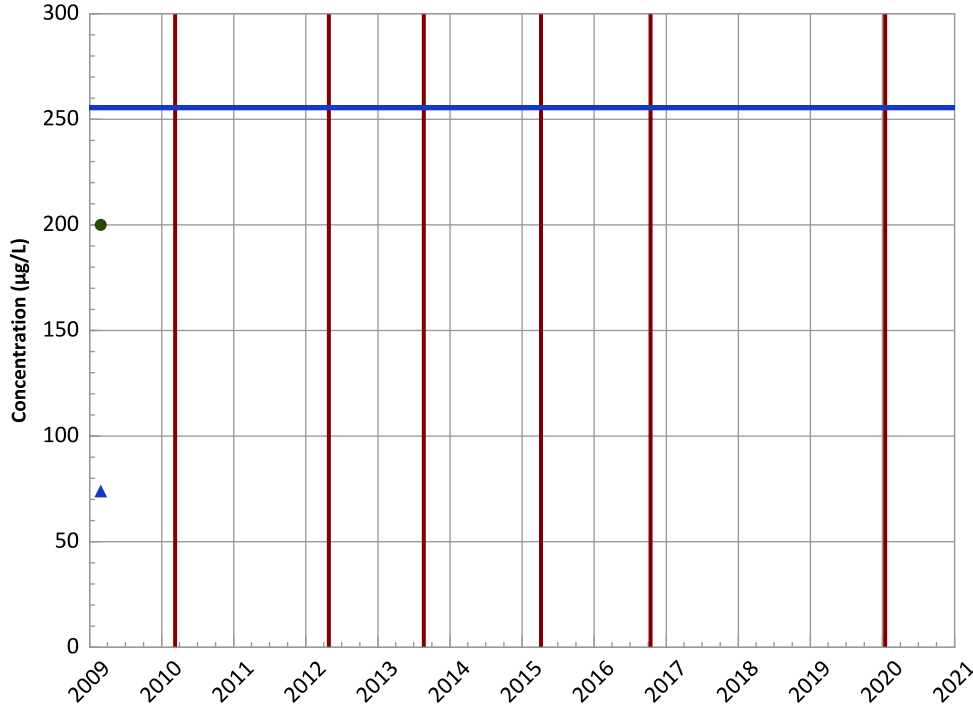


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

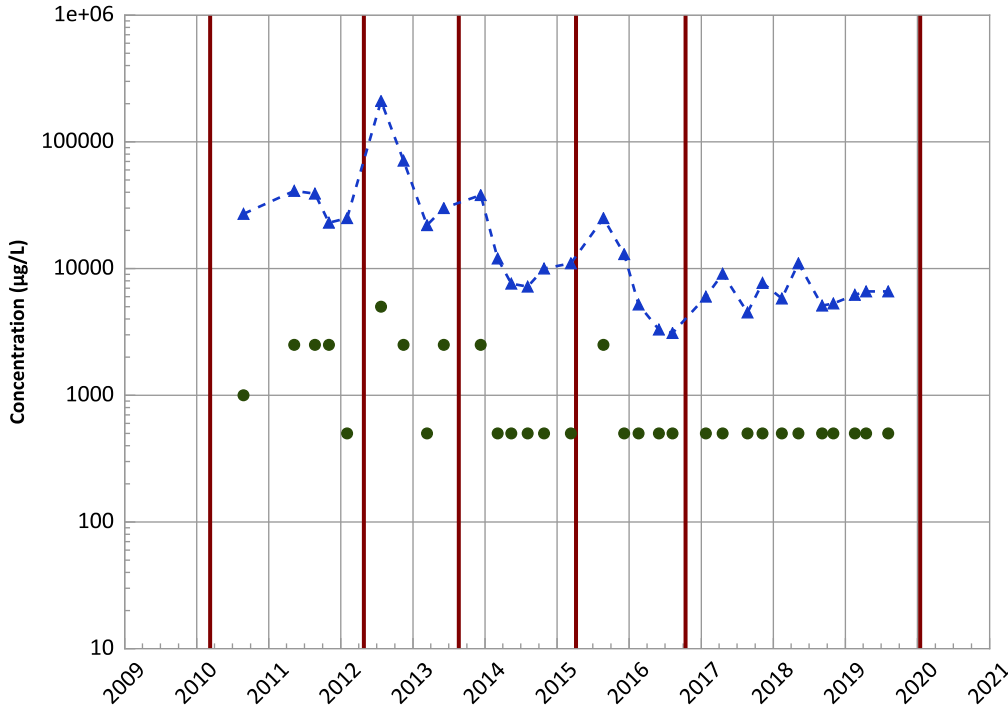
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

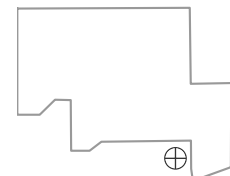
Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Increasing

Well Location

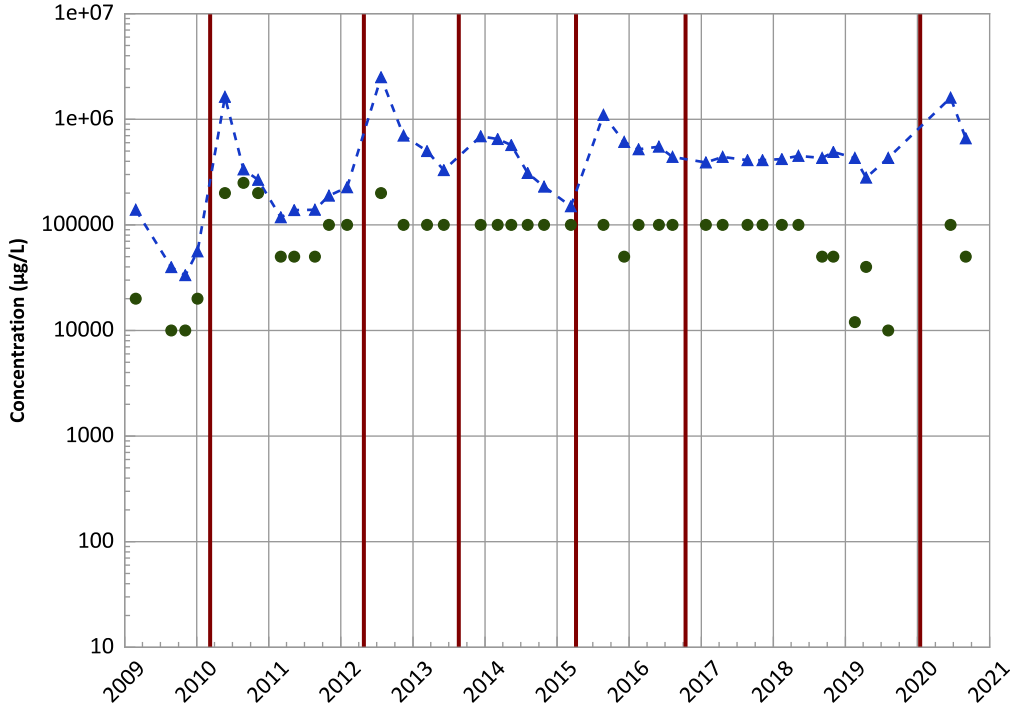


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

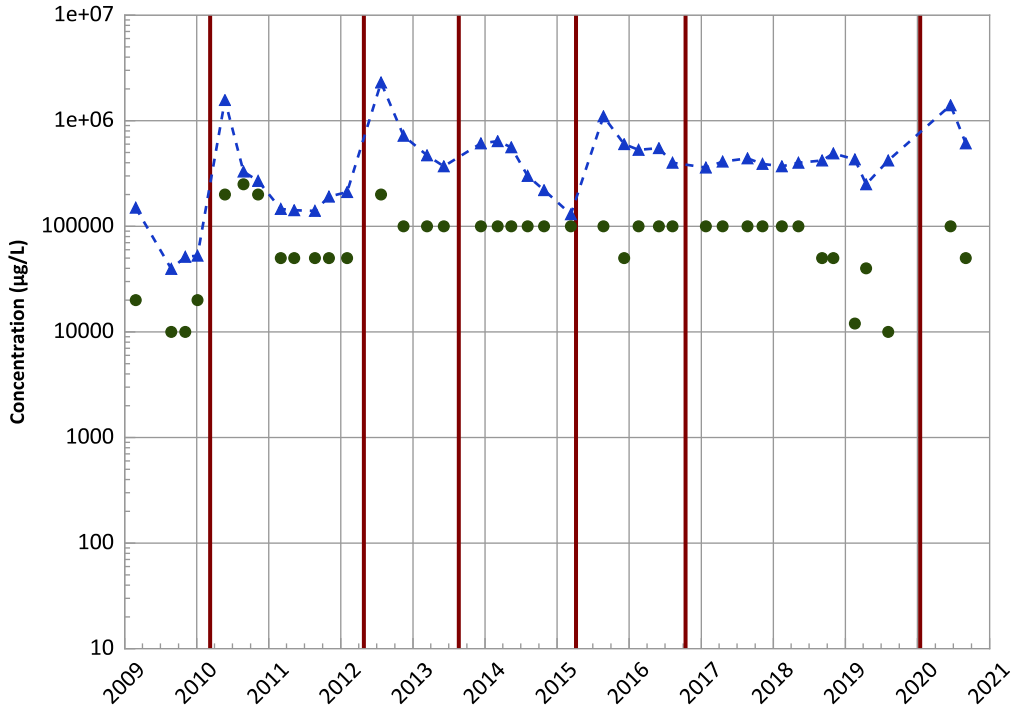
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

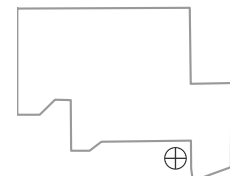
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

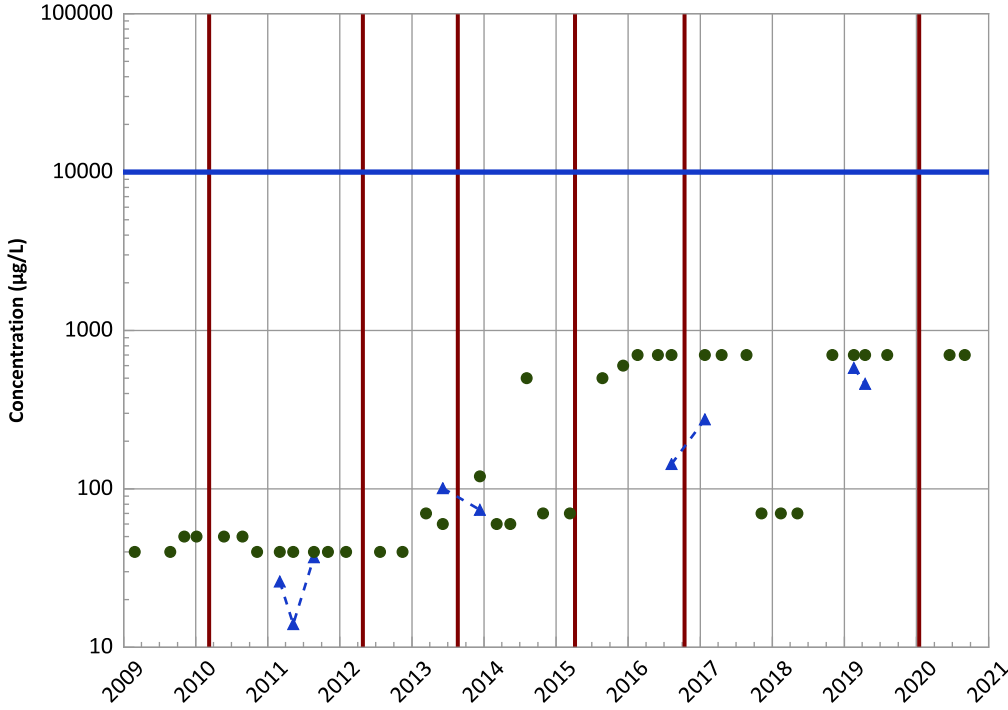


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

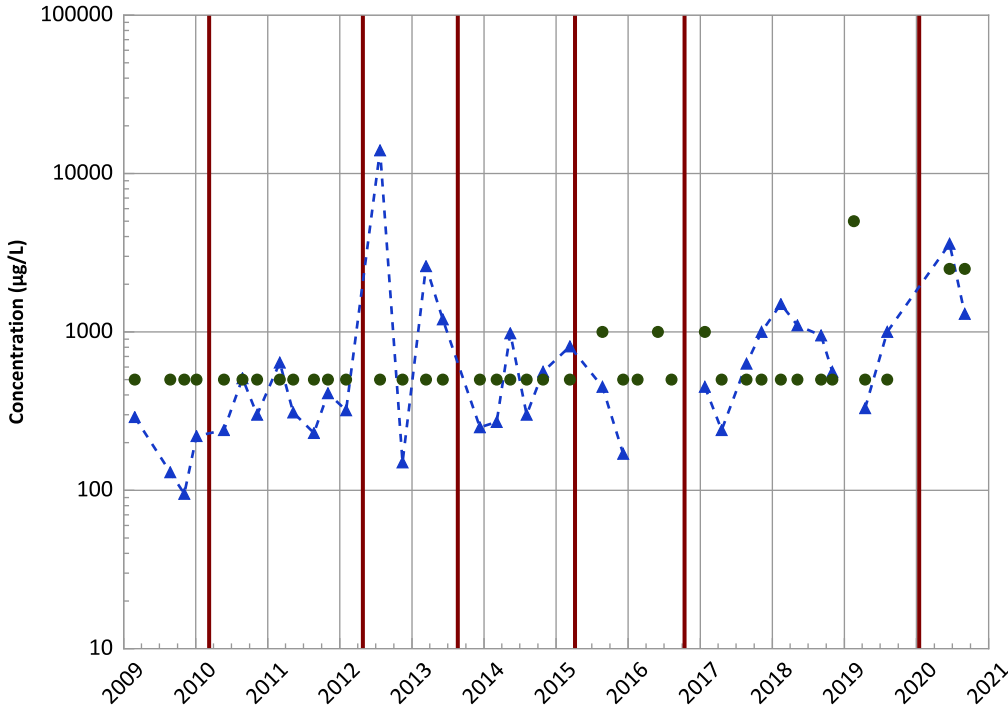


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Sulfate (as SO4) Trend

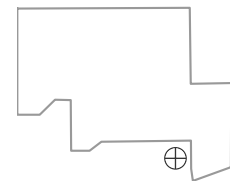


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Probably Increasing

Well Location

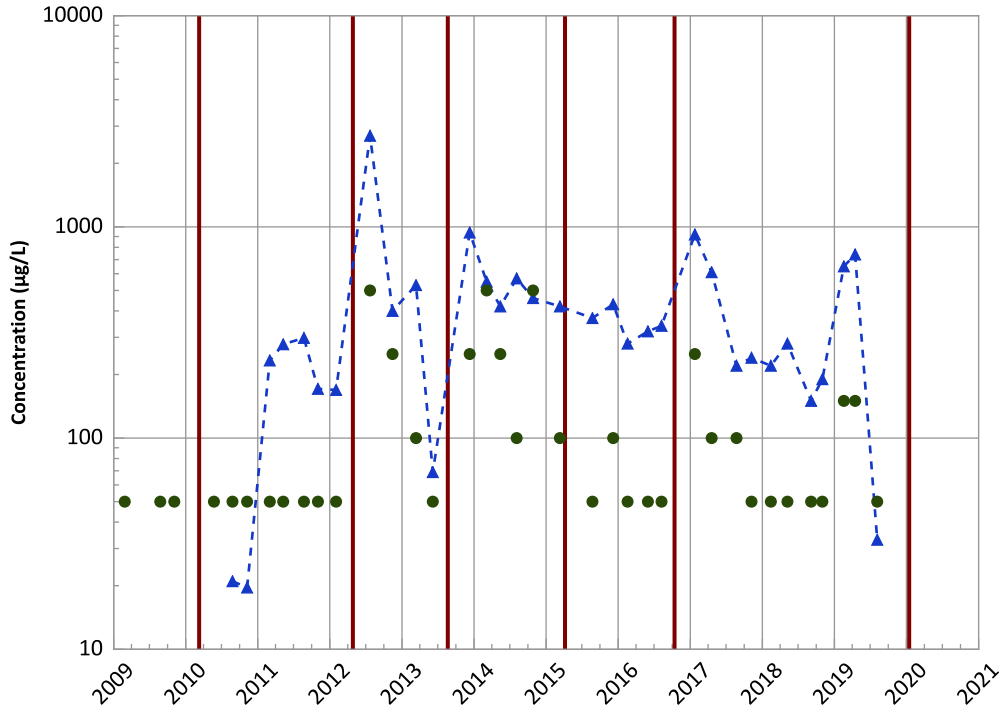


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend

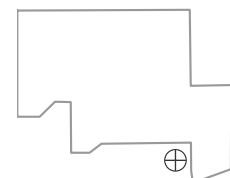


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

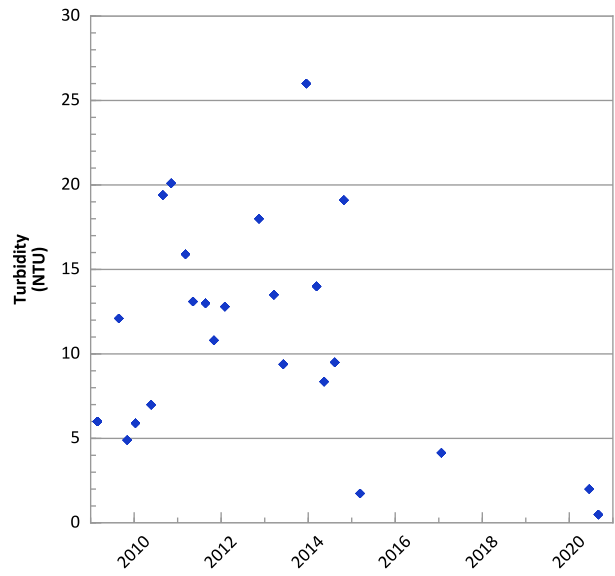
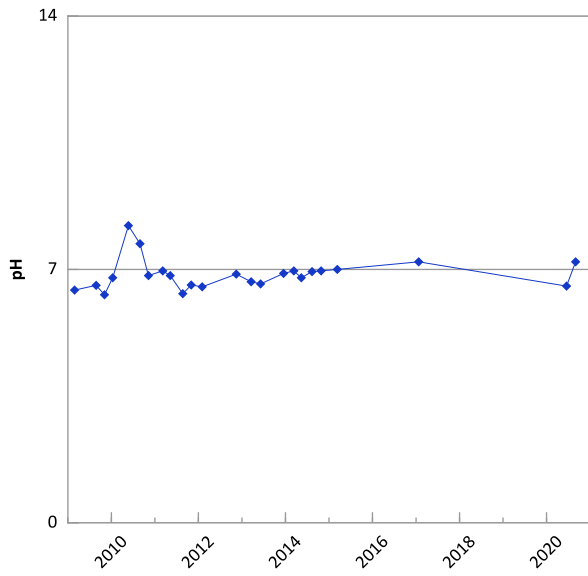
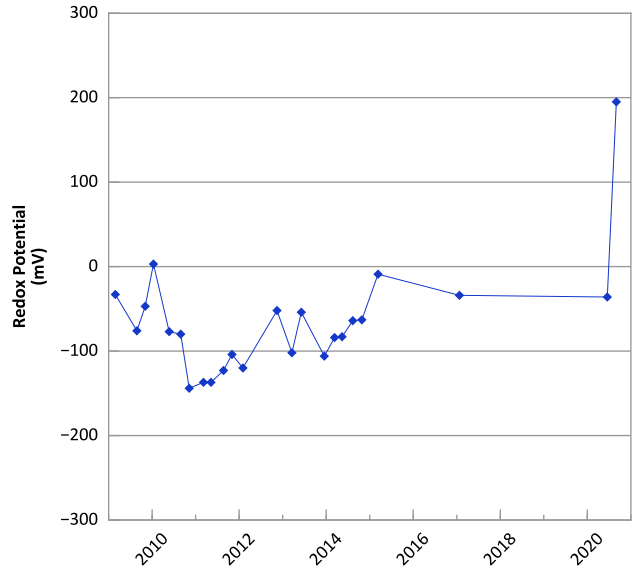
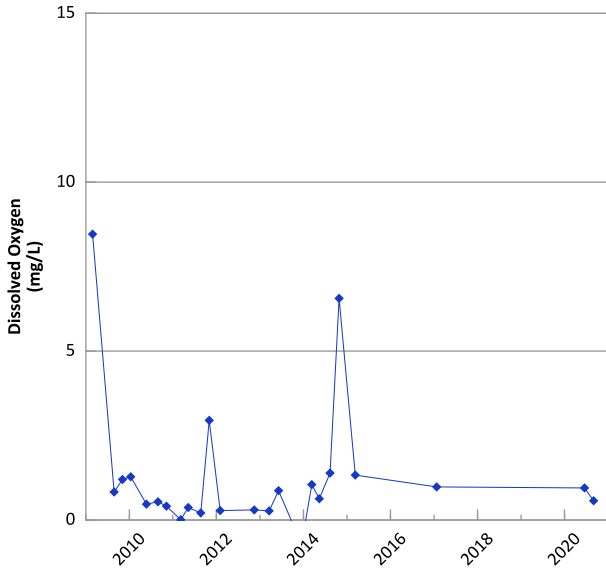
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/02/2020
Analysis Date: 06/03/2021

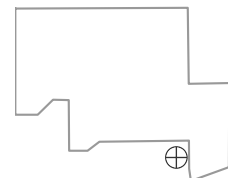
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



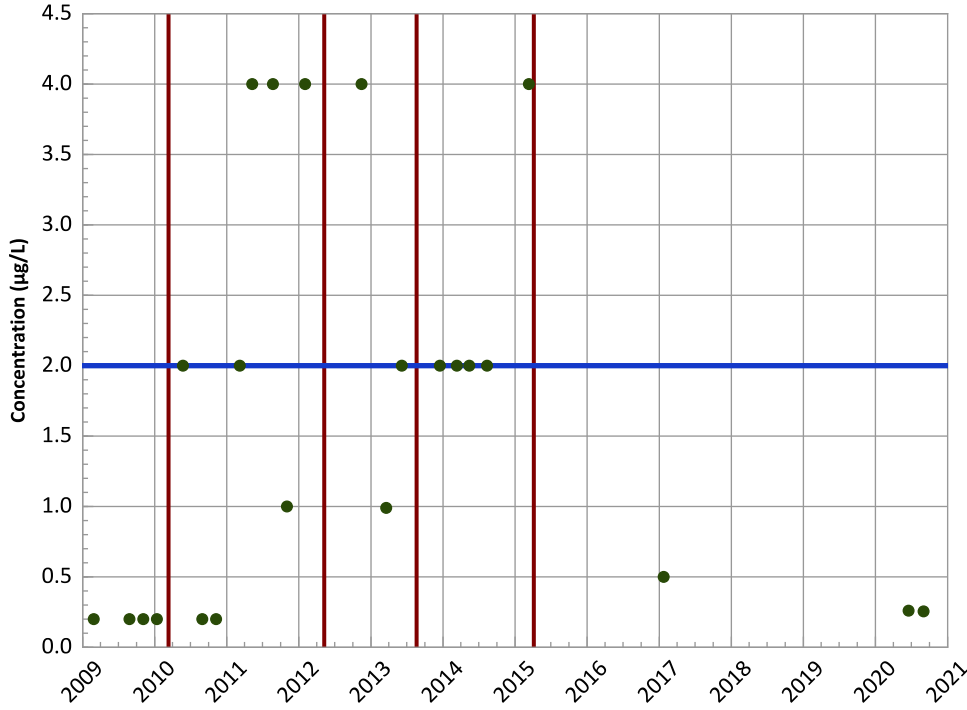
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 02/26/2009 to 09/01/2020
 Analysis Date: 06/03/2021

Well Location



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 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

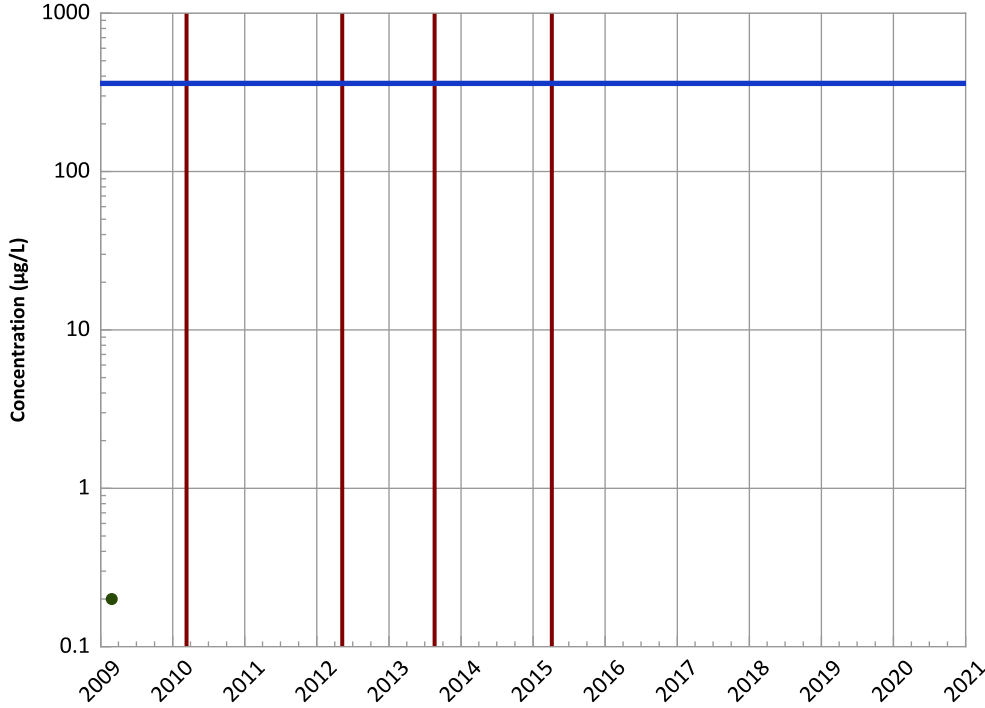
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 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 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

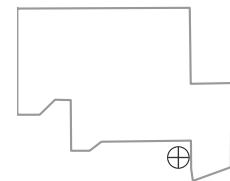
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

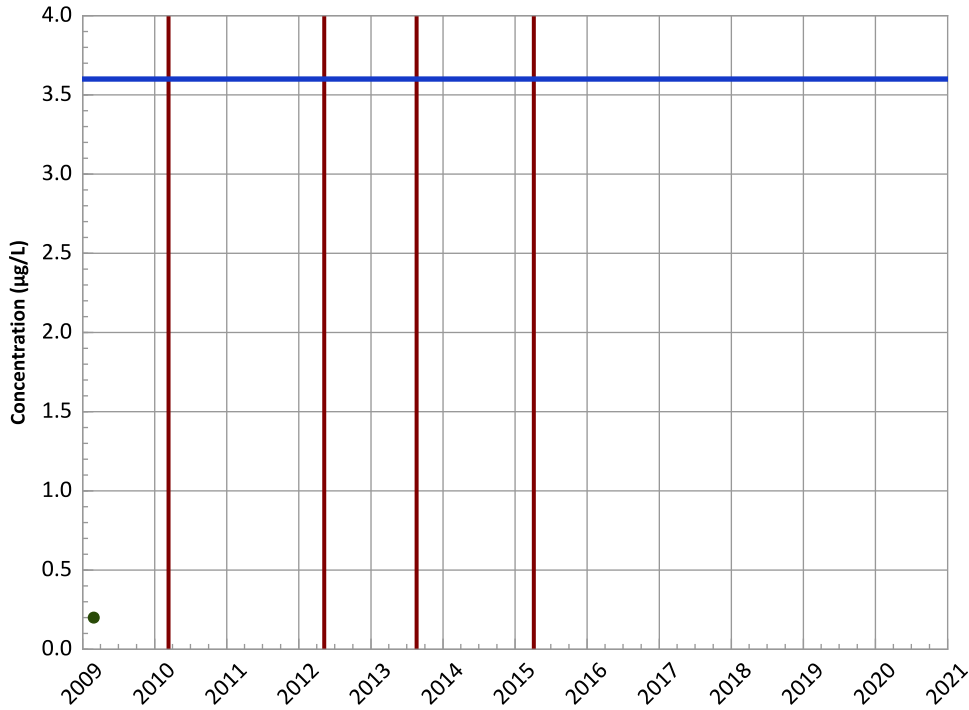


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

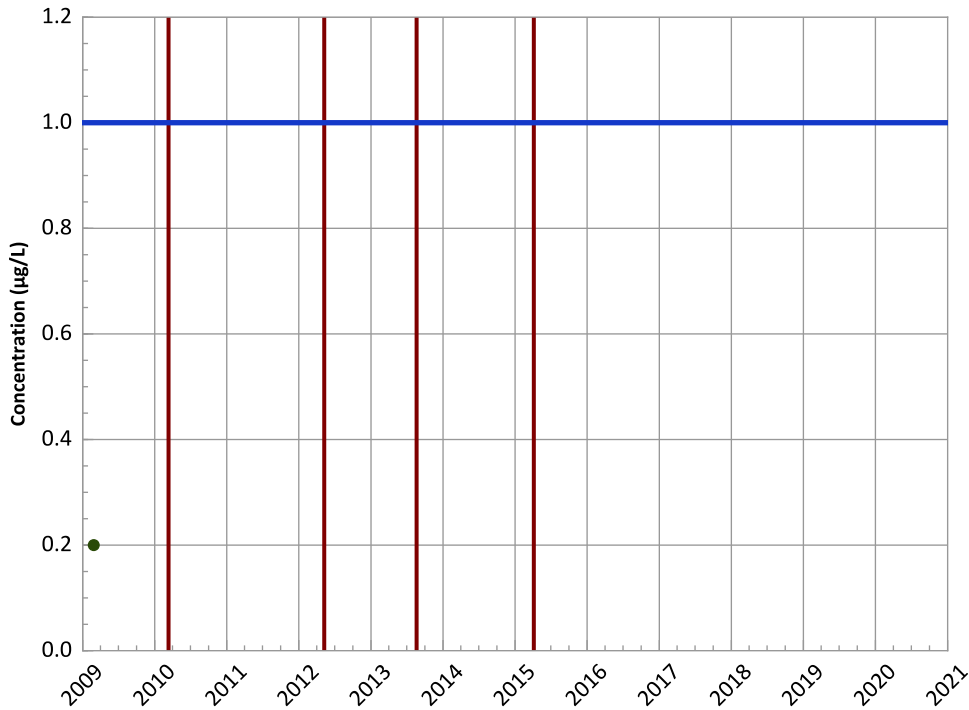


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

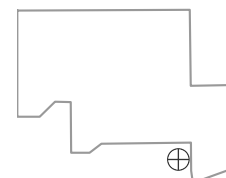


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

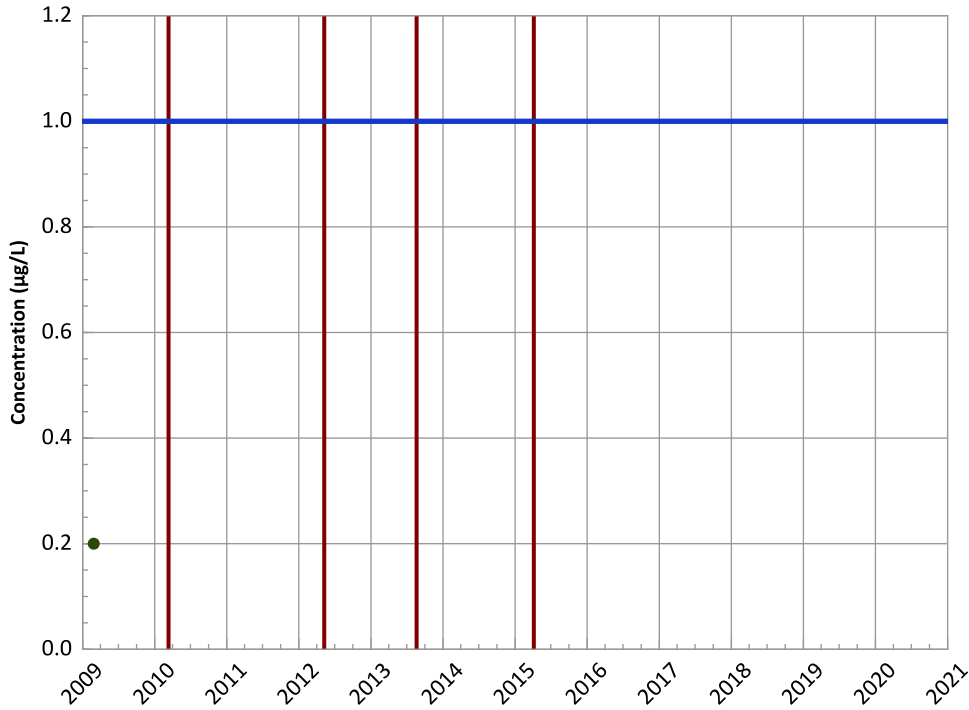


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

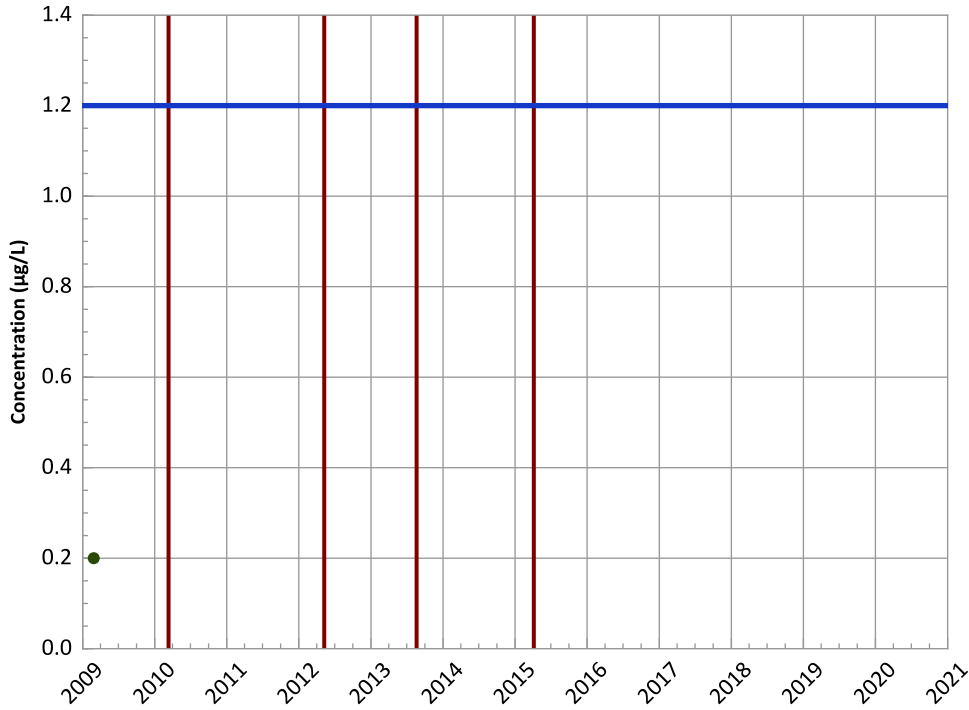


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

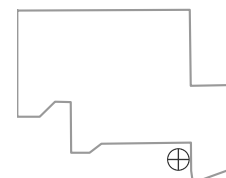


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

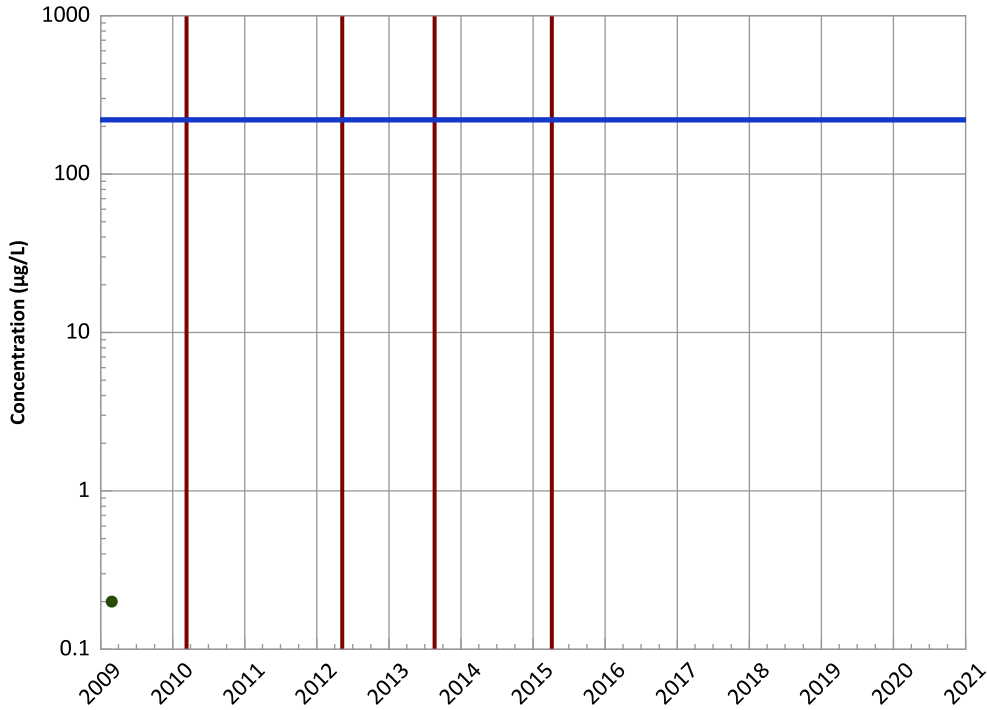


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

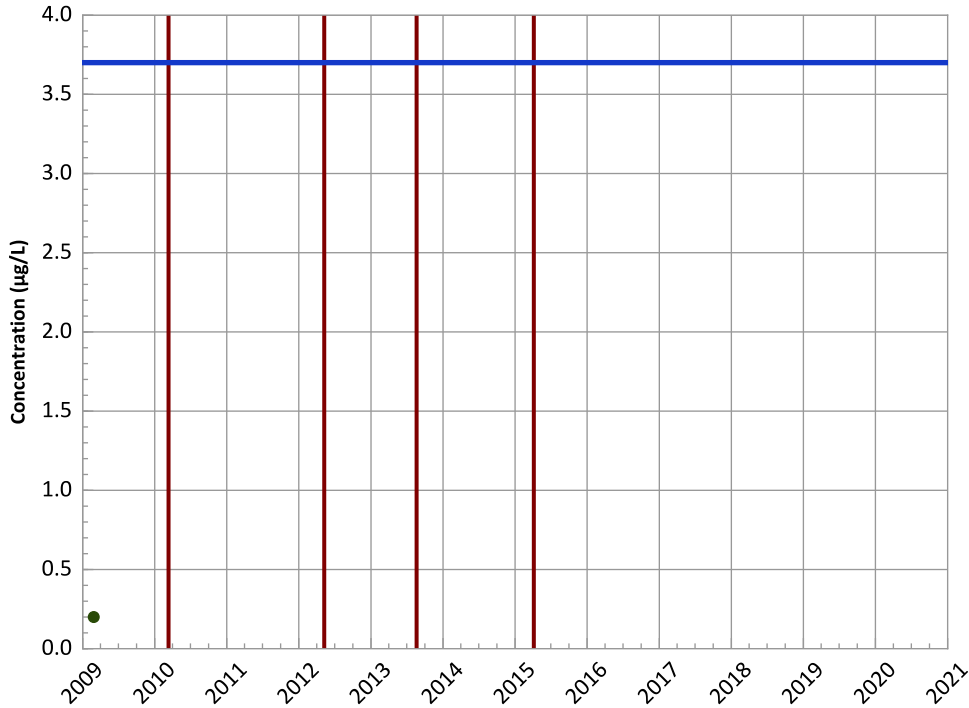


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

1,3-Dinitrobenzene Trend

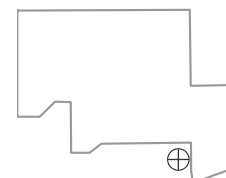


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

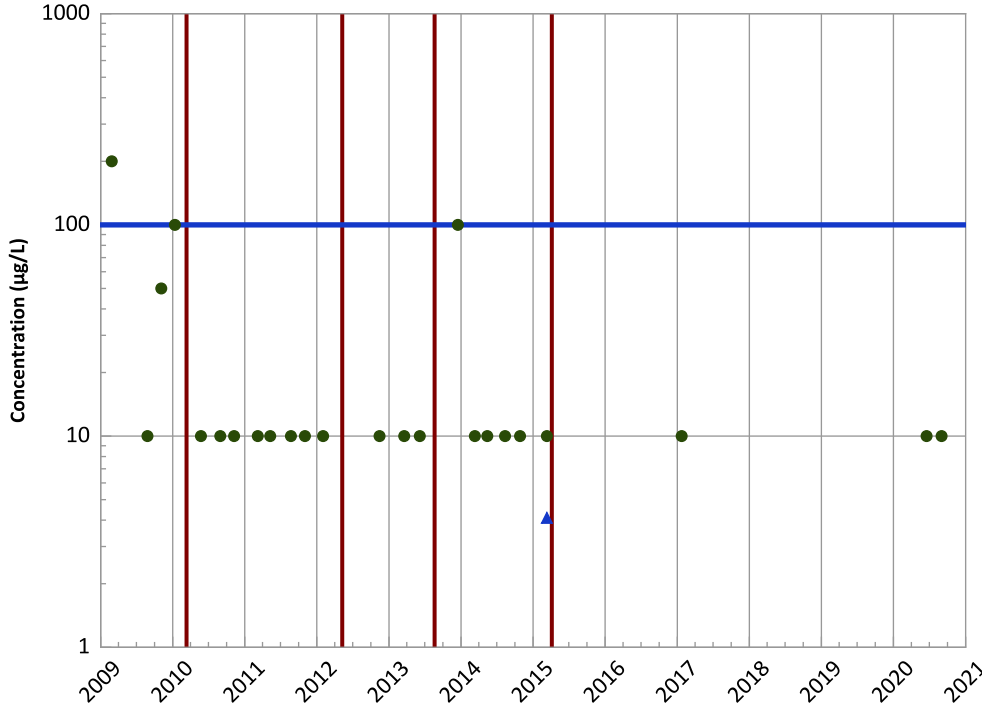


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

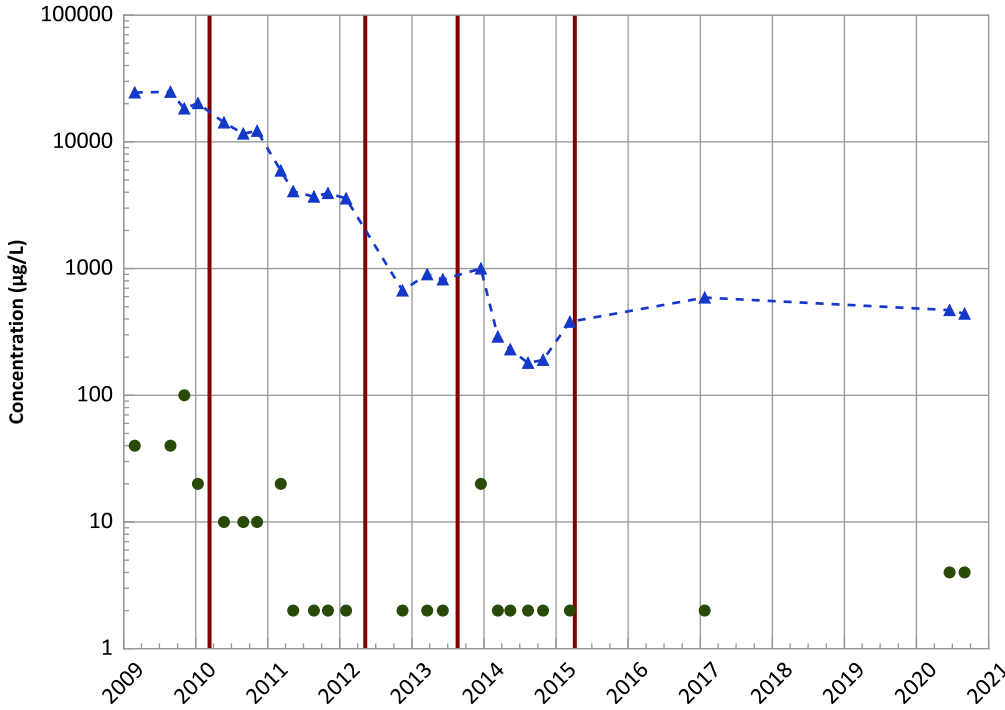


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Manganese Trend

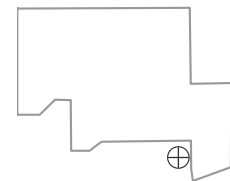


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' Decreasing
2018 - 2020 Data:
Stable' Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' Decreasing
2018 - 2020 Data:
No Trend' No Trend

Well Location

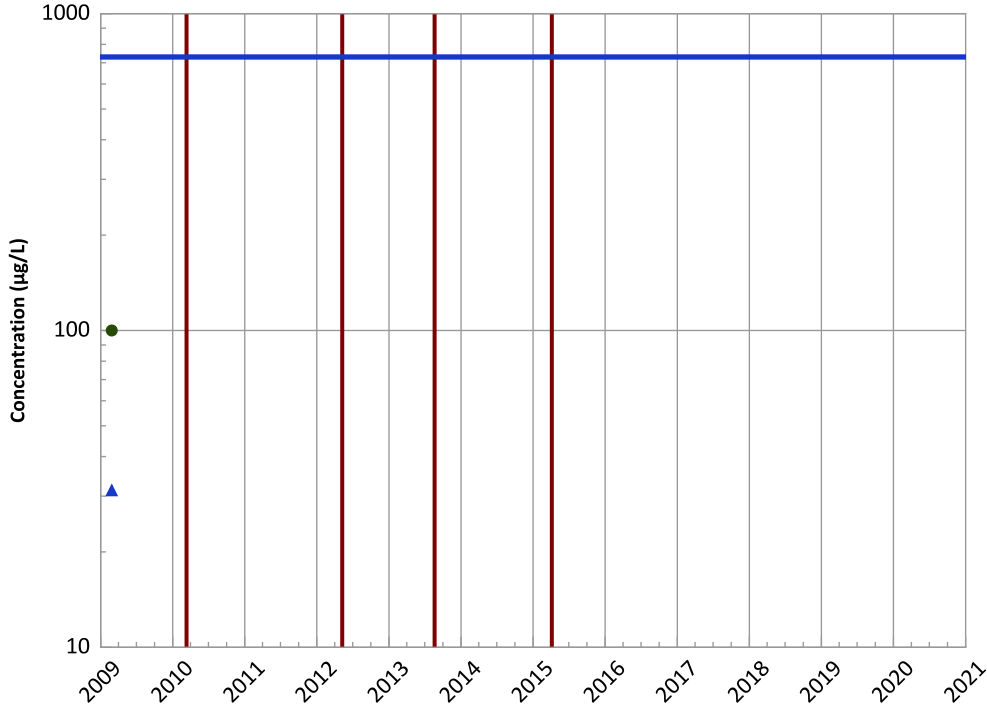


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

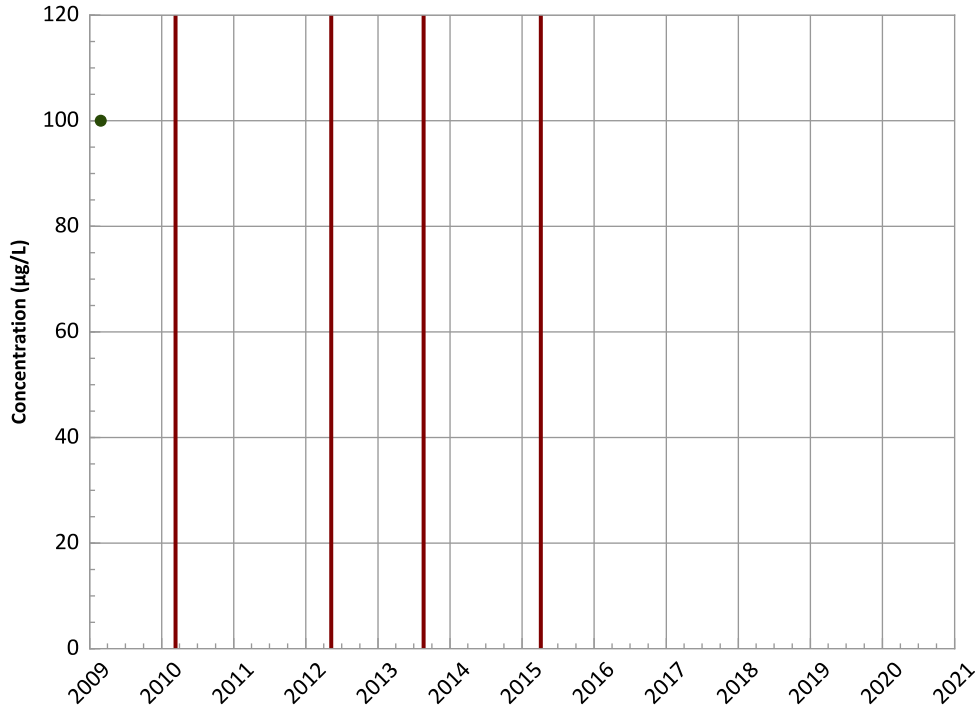
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

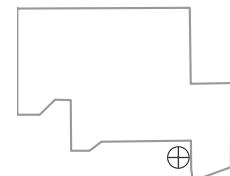
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect' 'All Non-Detect

Well Location

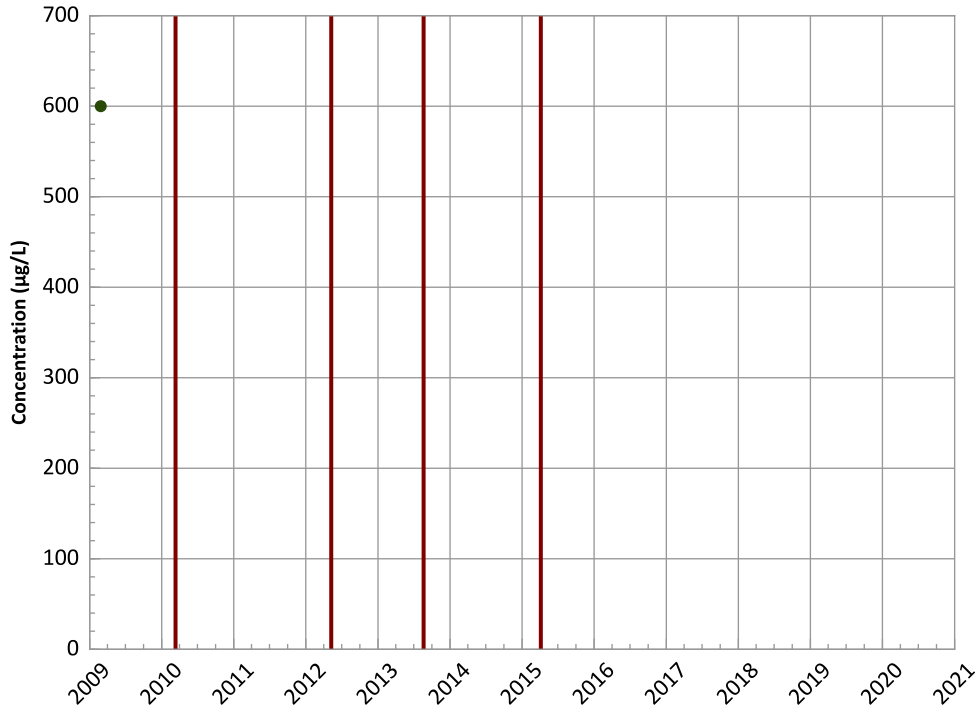


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

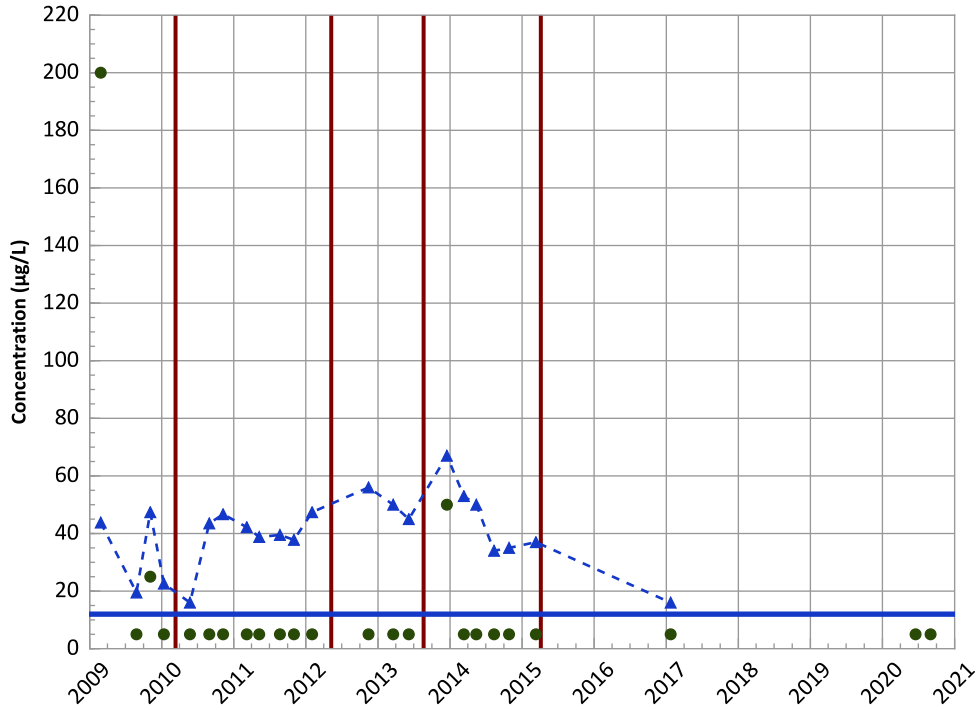
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

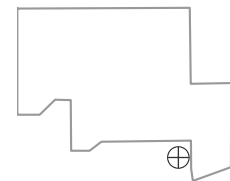
Data (7/2009 - 12/2020):

No Trend

2018 - 2020 Data:

Stable

Well Location

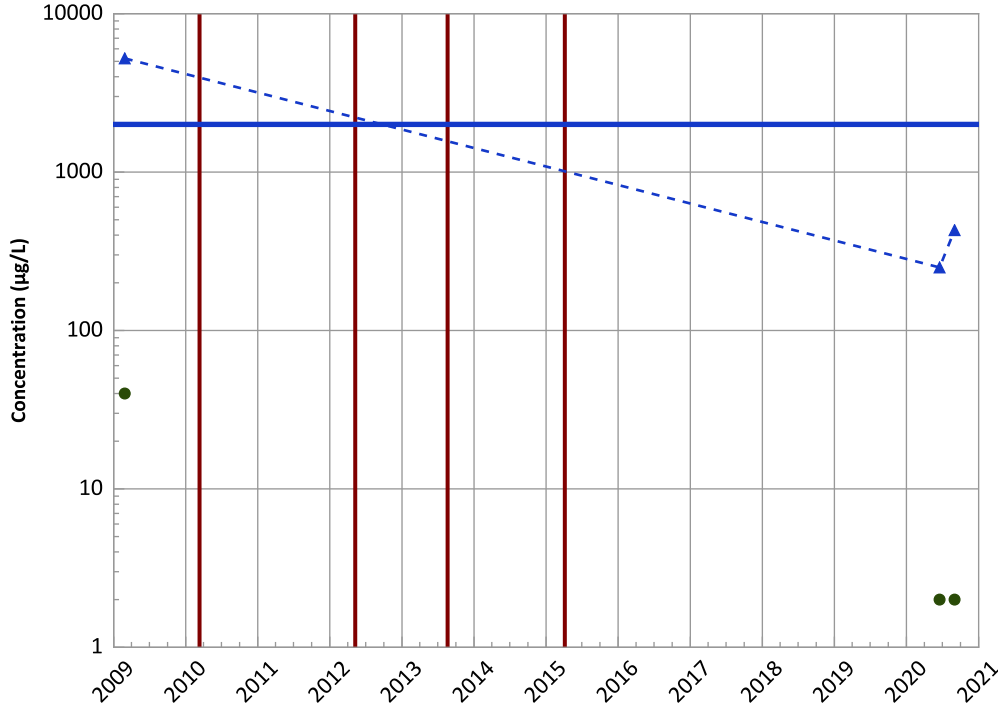


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

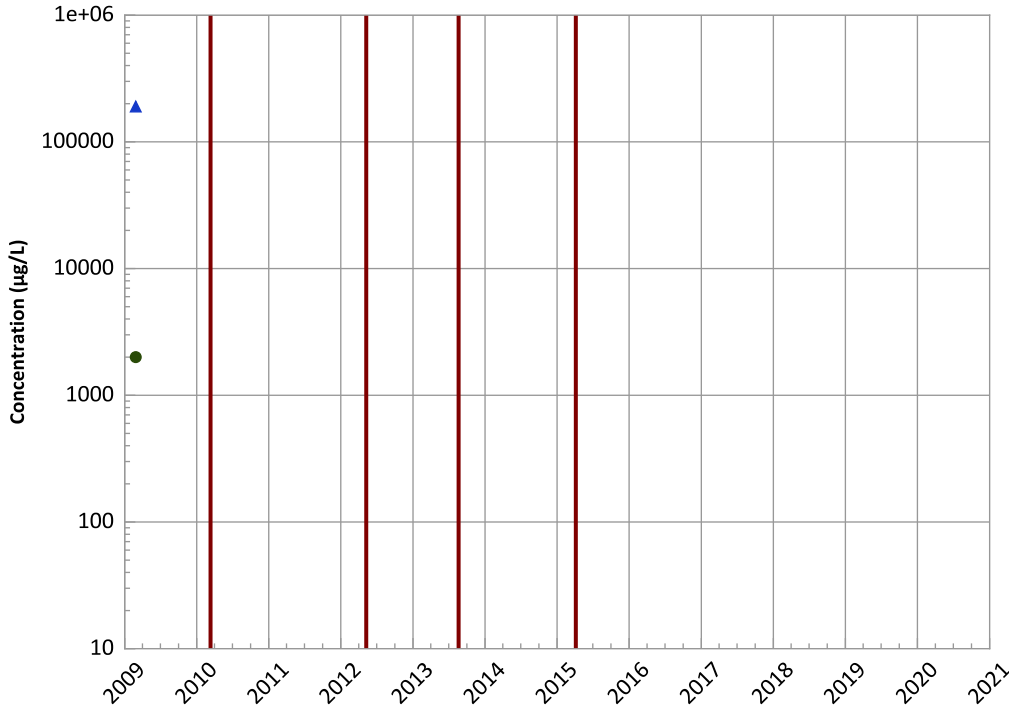


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Calcium Trend

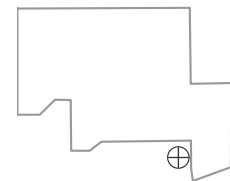


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

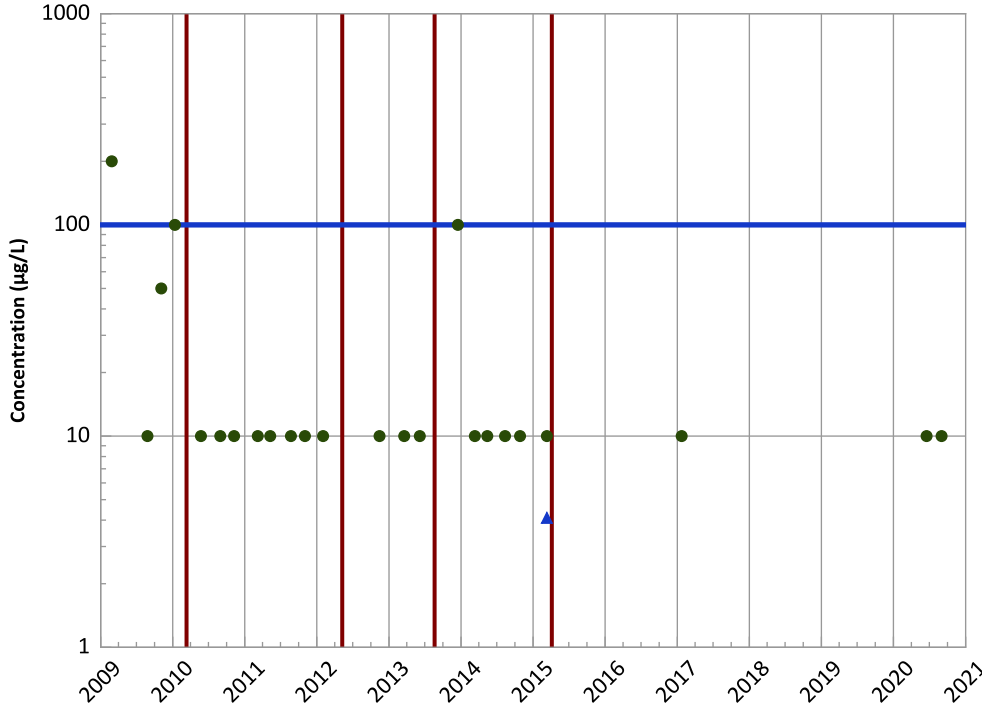


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

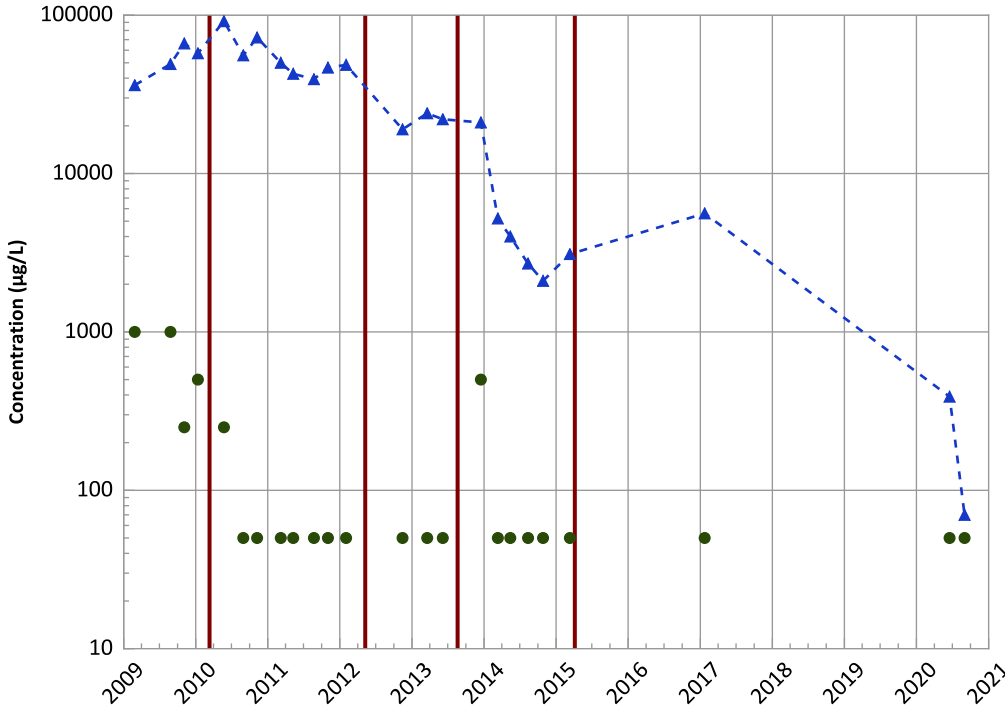


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Iron Trend

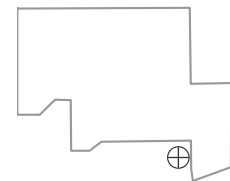


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Well Location

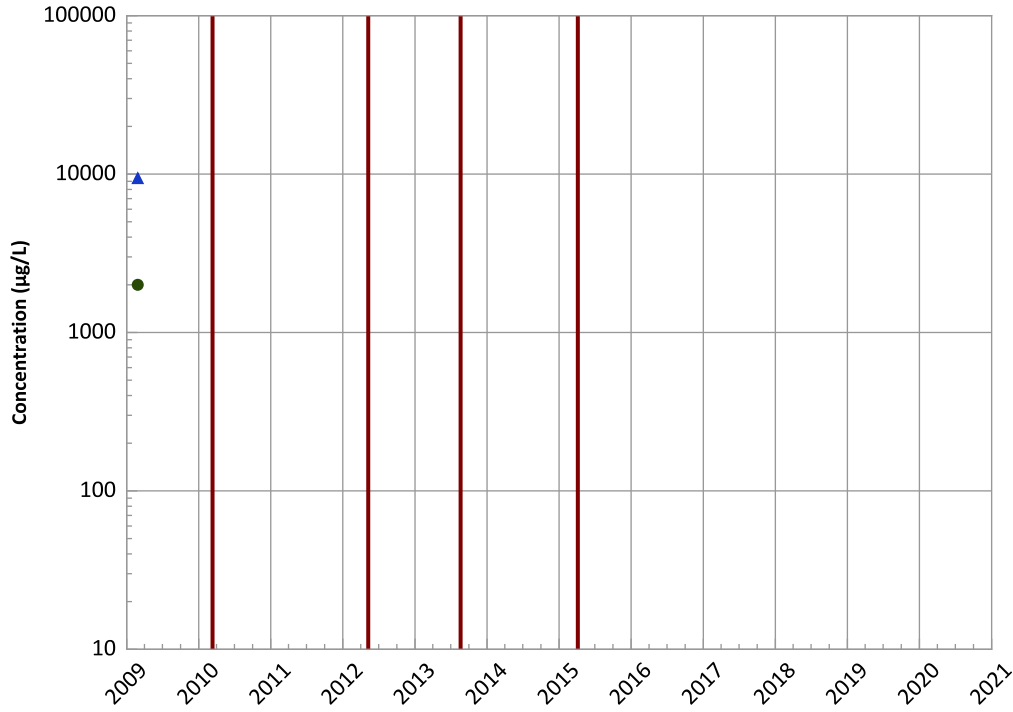


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

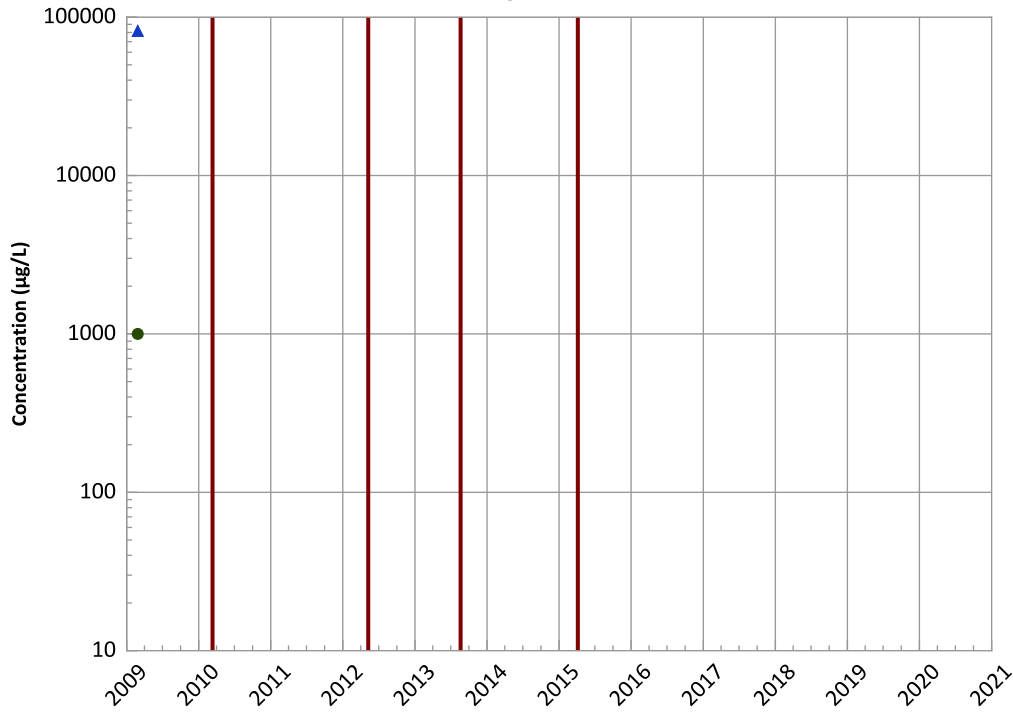


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Magnesium Trend

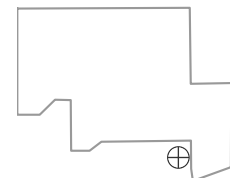


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

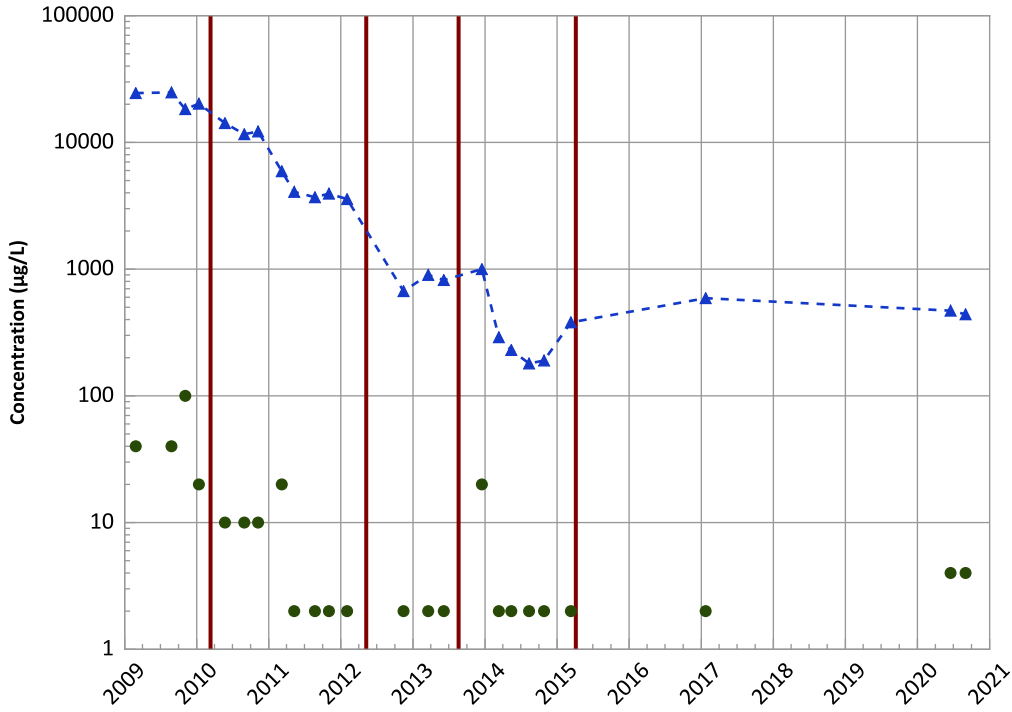


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Stable' 'Stable

MAROS Linear Regression Method

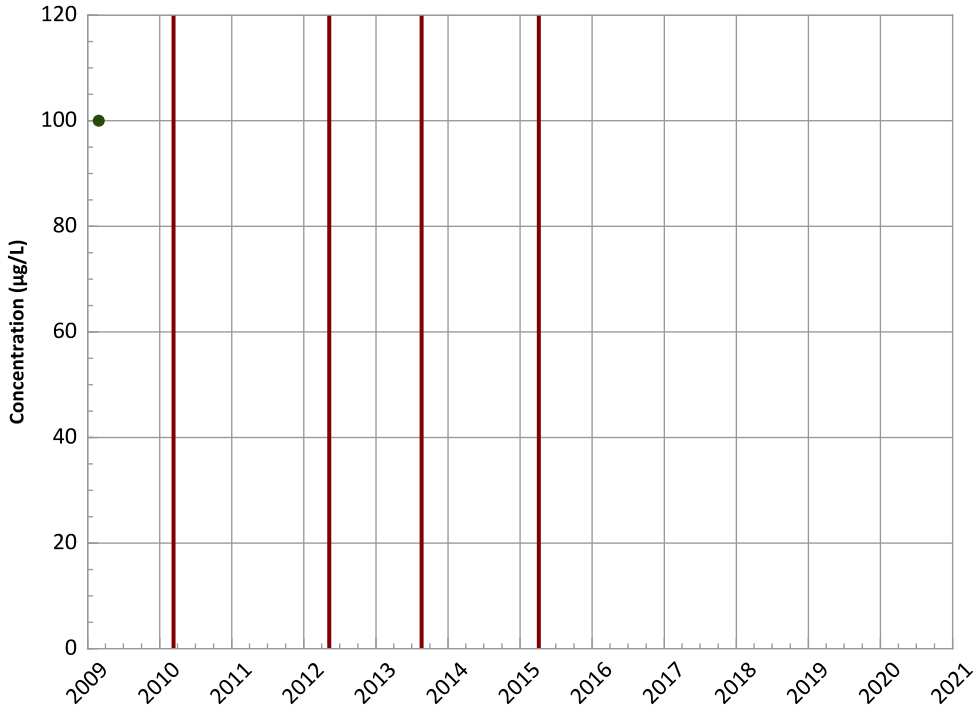
Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

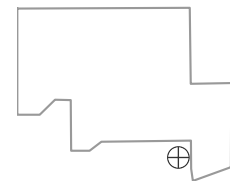
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect' 'All Non-Detect

Well Location

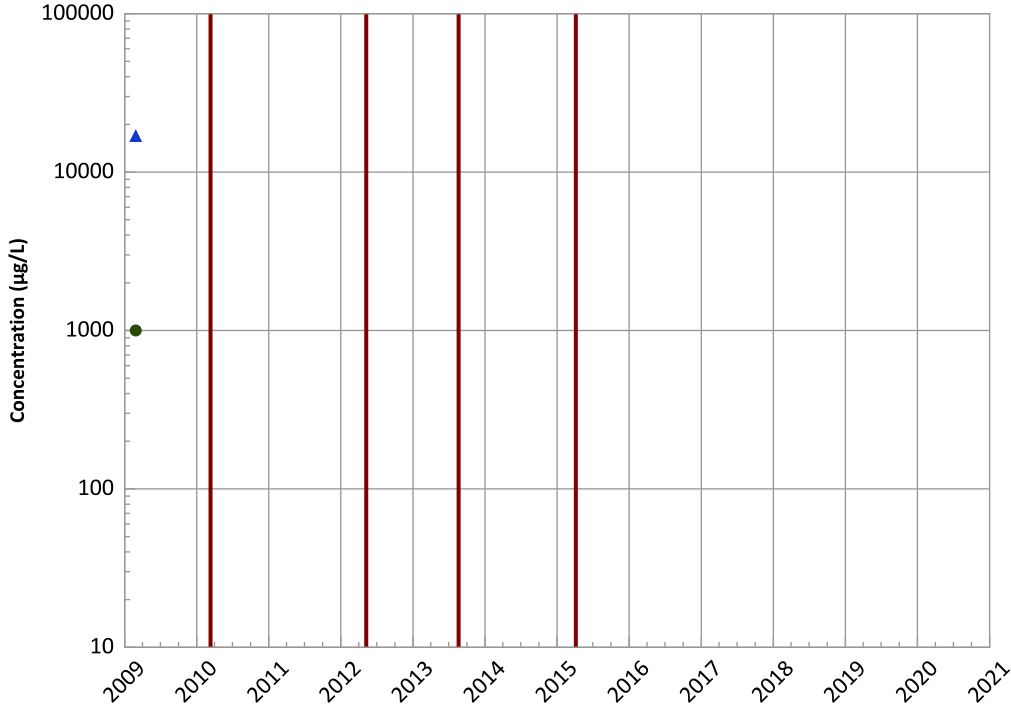


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

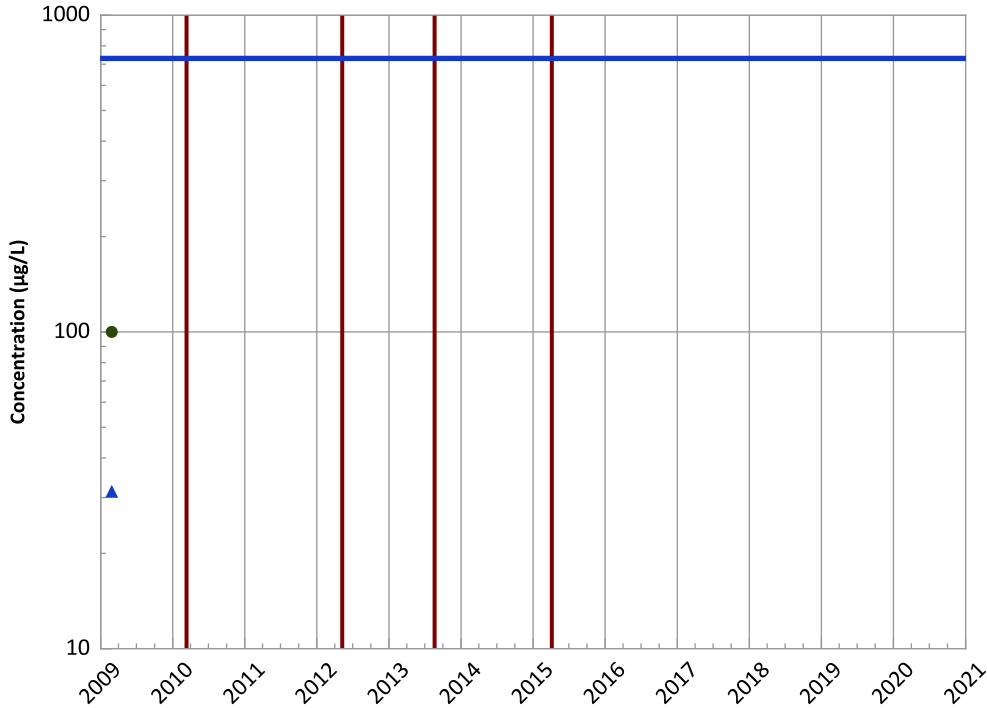
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

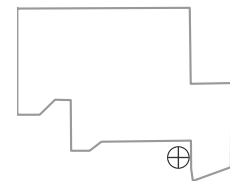
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

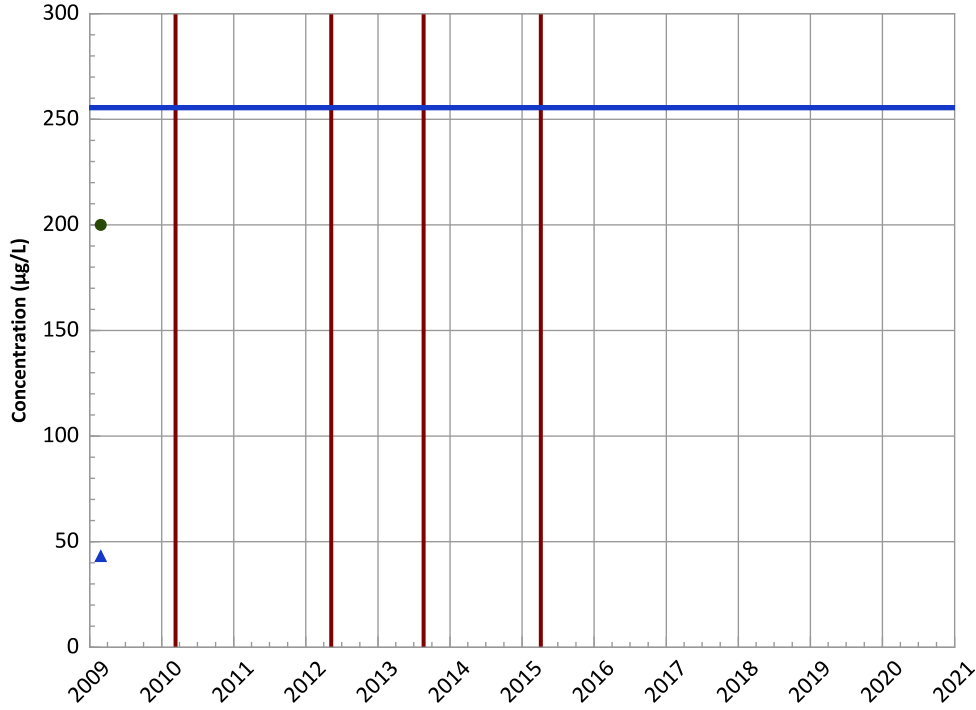


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

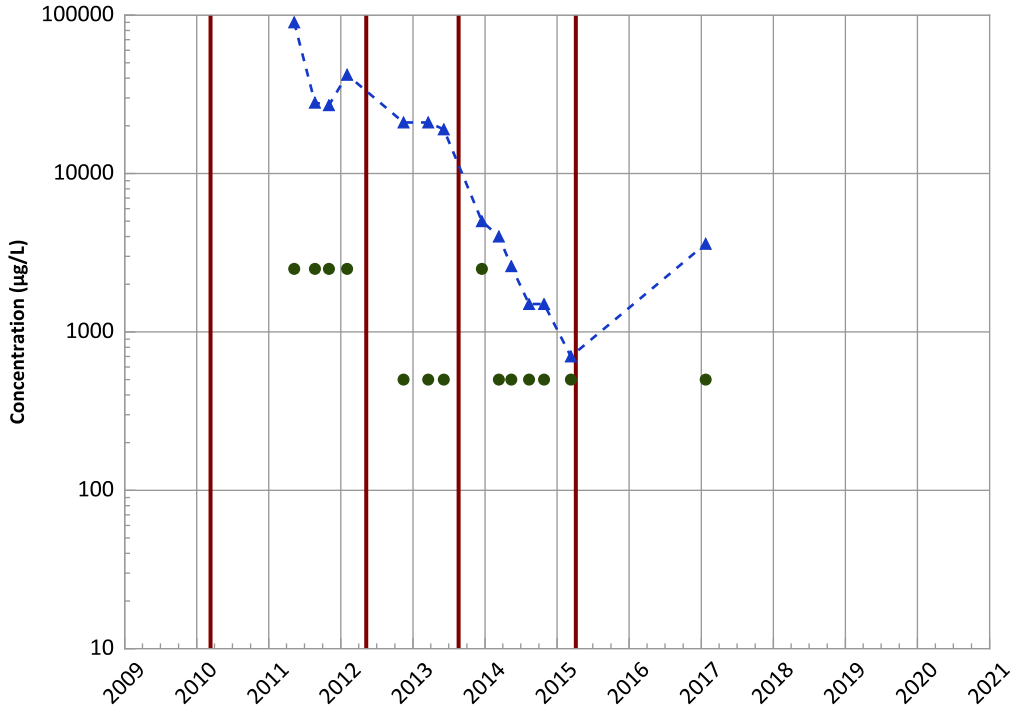


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Ferrous Iron Trend

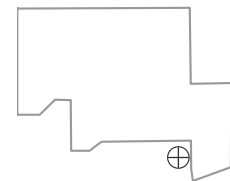


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Well Location

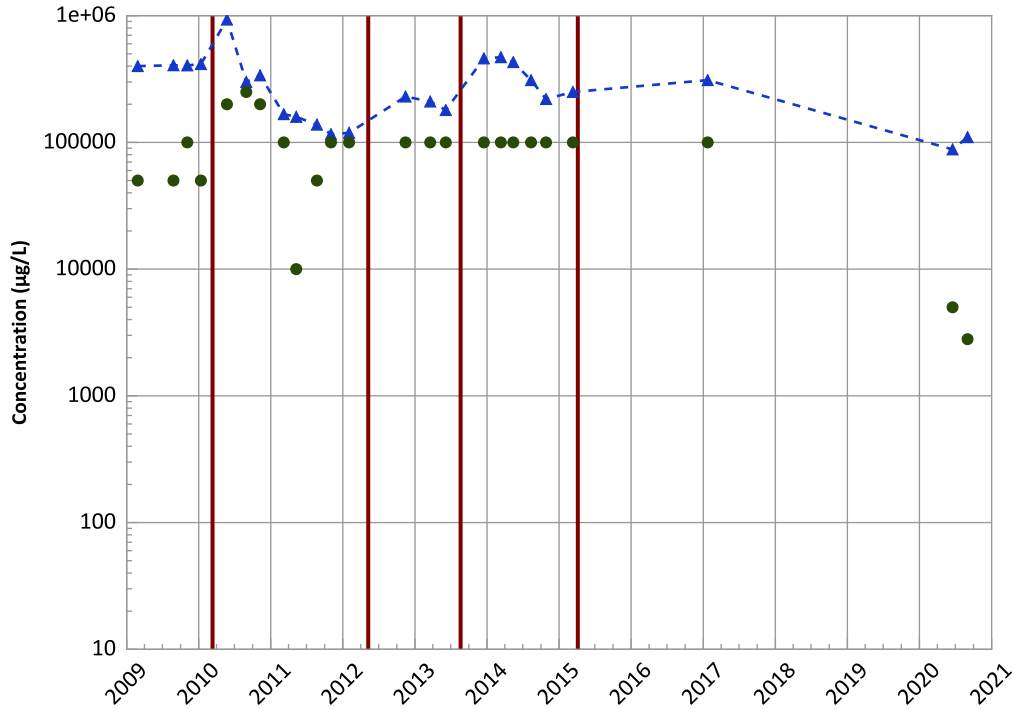


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

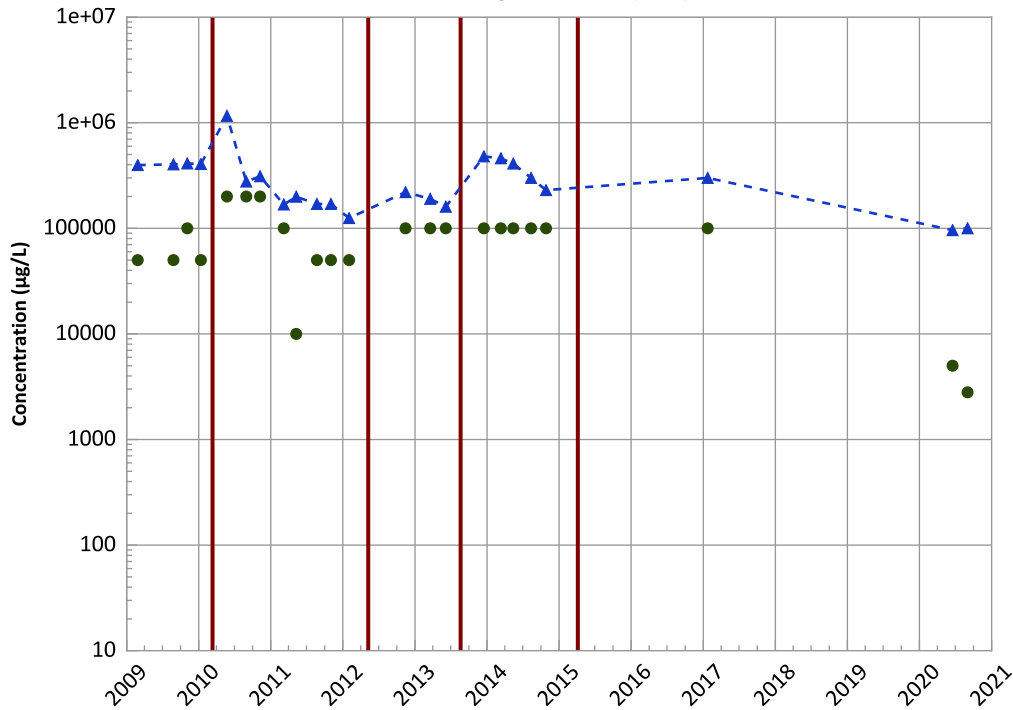


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Dissolved Organic Carbon (DOC) Trend

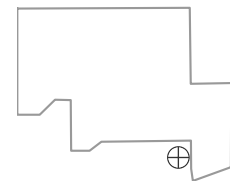


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Well Location

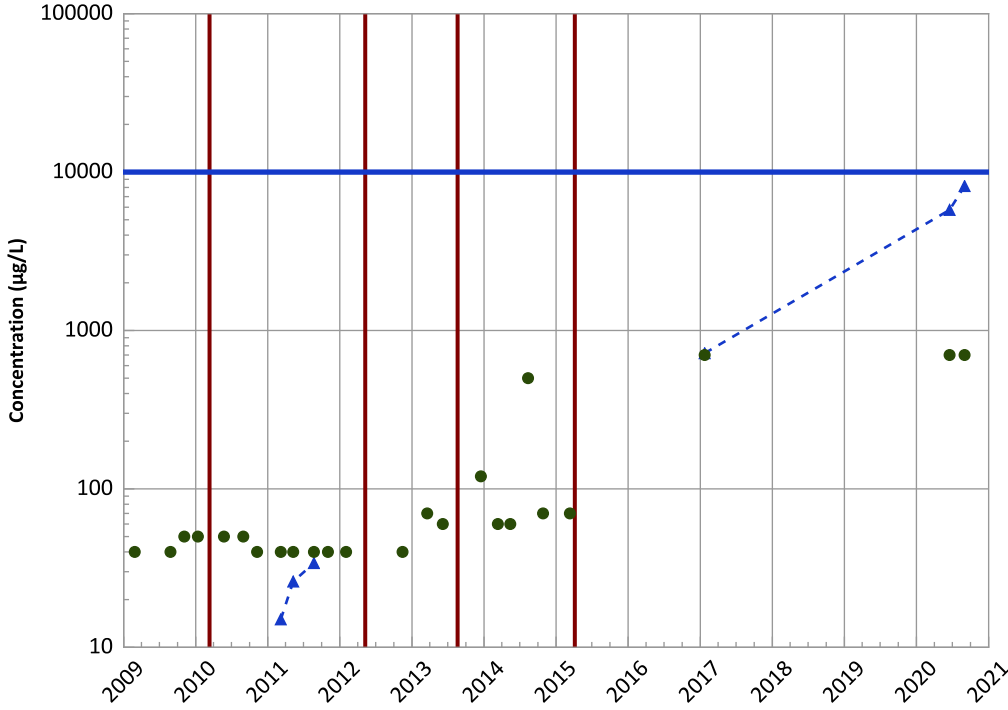


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

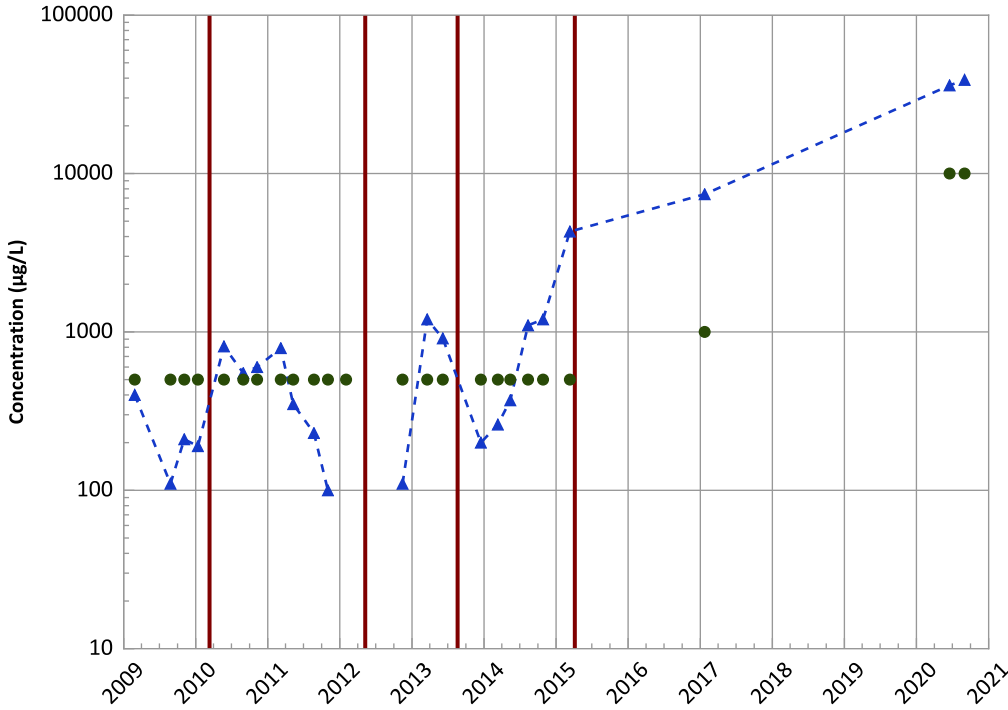


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Sulfate (as SO4) Trend

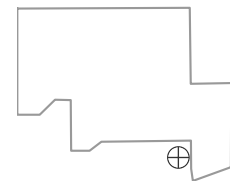


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

Well Location

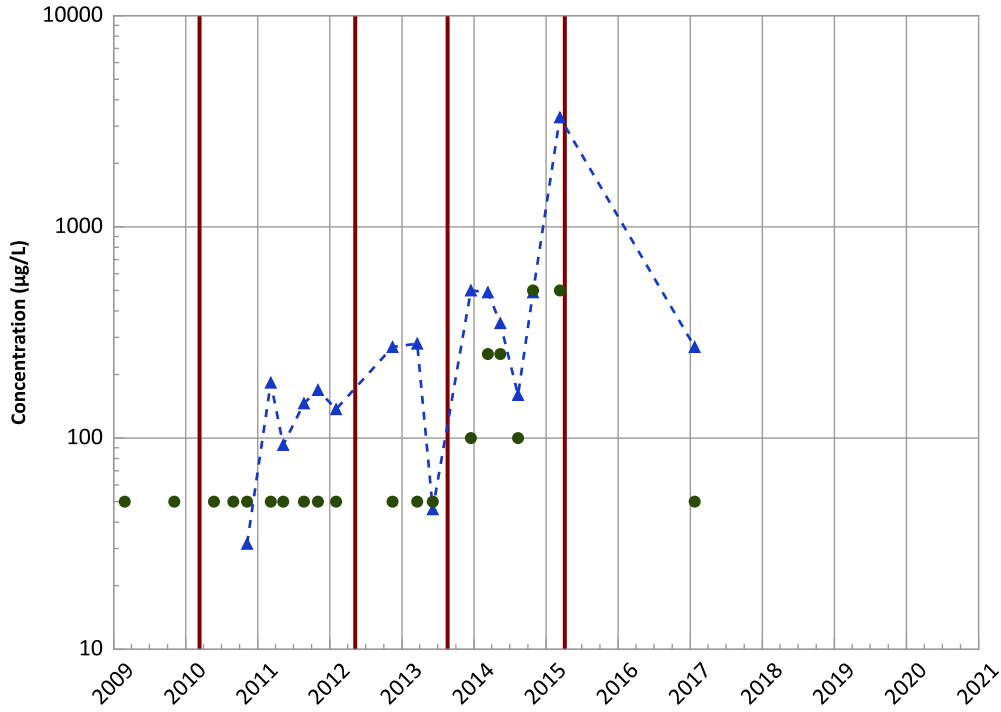


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend

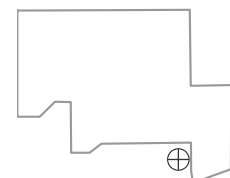


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

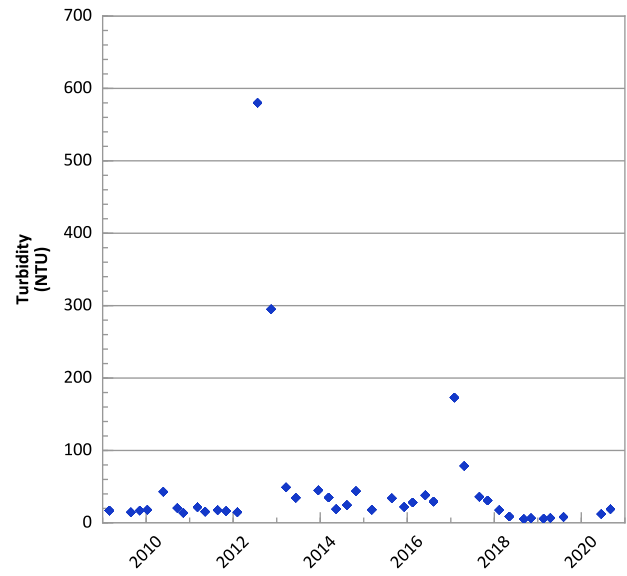
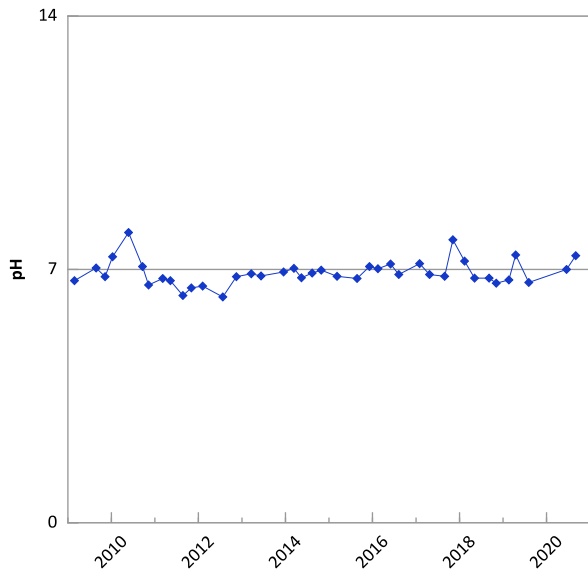
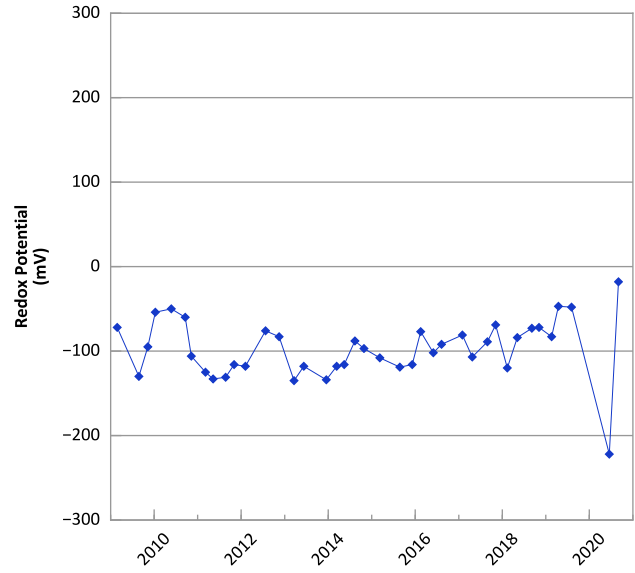
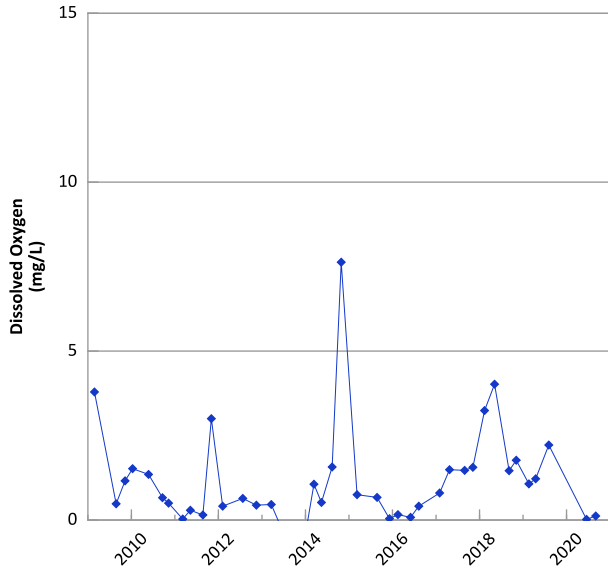
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/26/2009 to 09/01/2020
Analysis Date: 06/03/2021

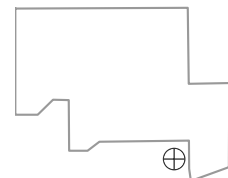
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



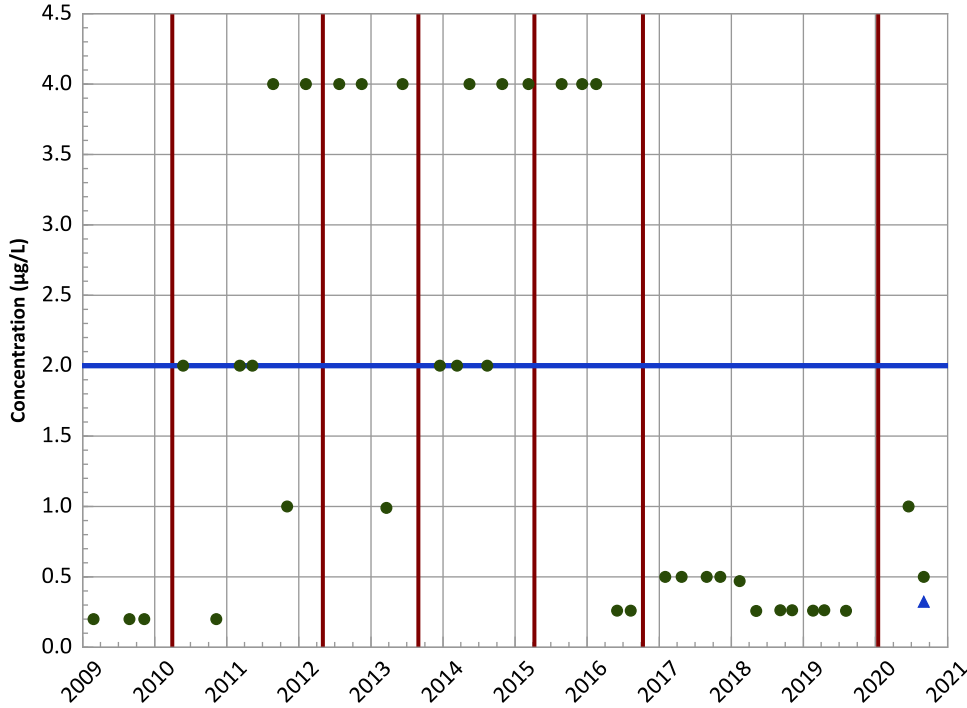
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 02/25/2009 to 09/02/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

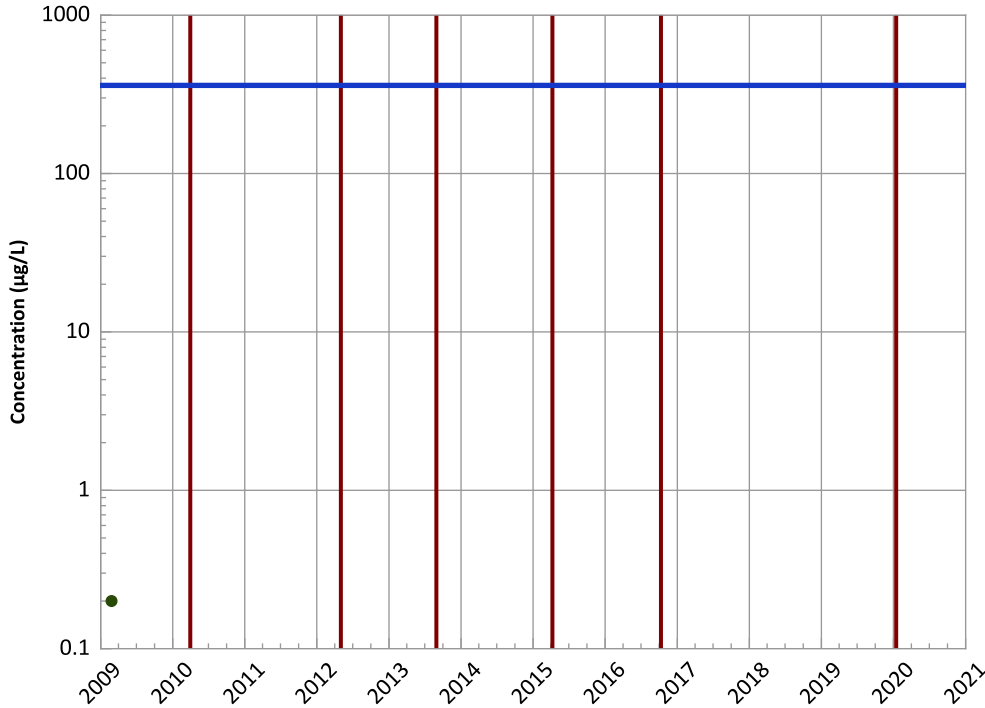


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

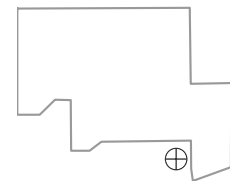


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

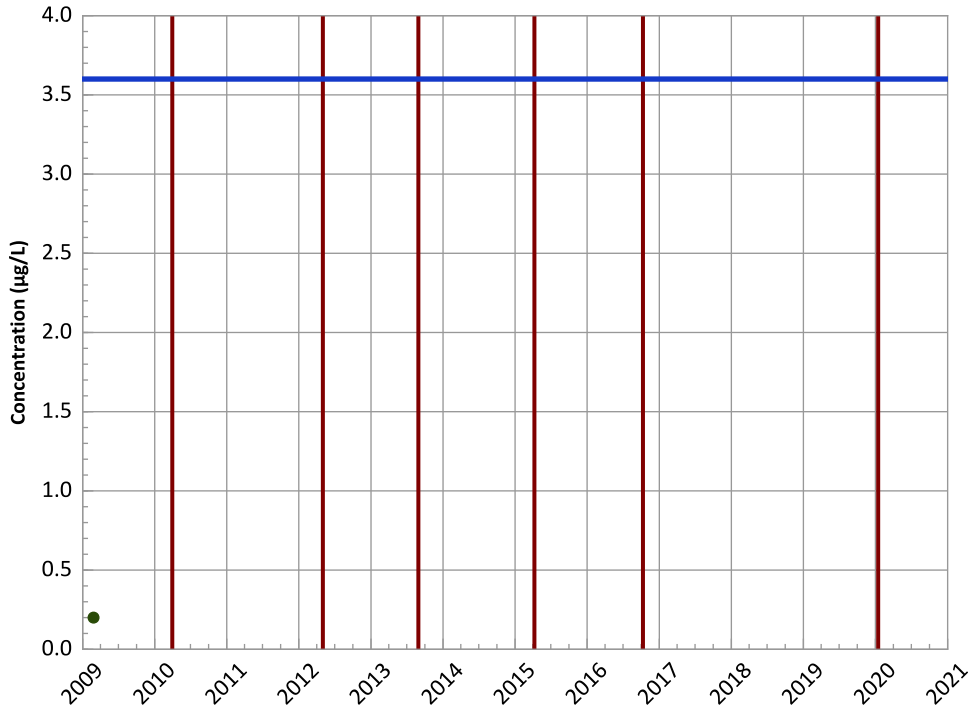


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

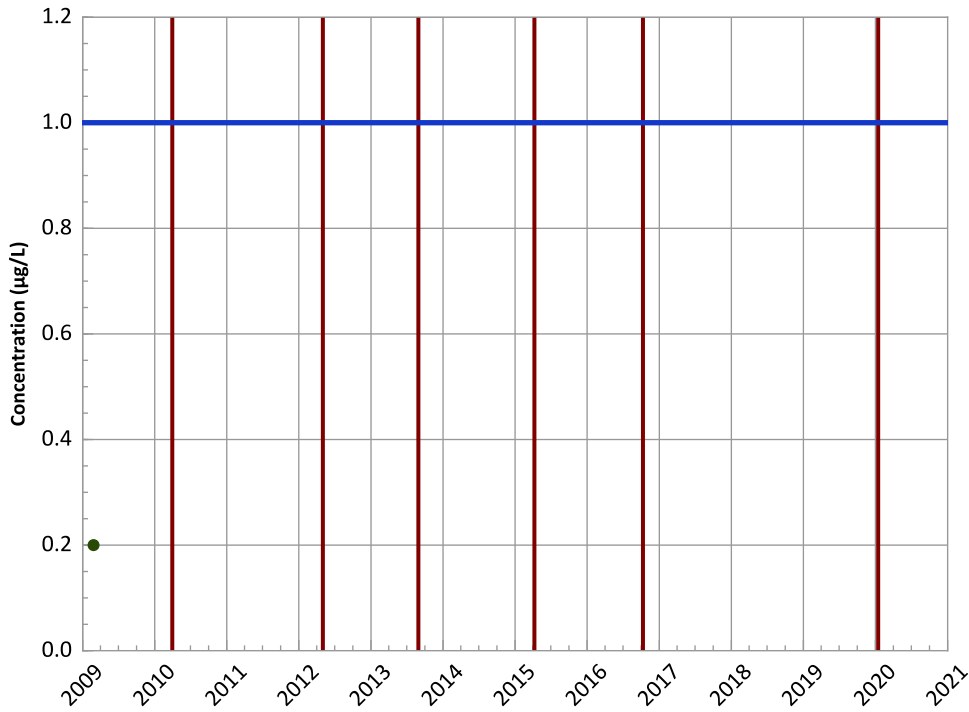
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

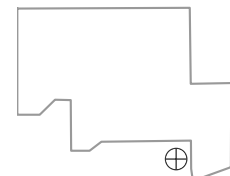
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

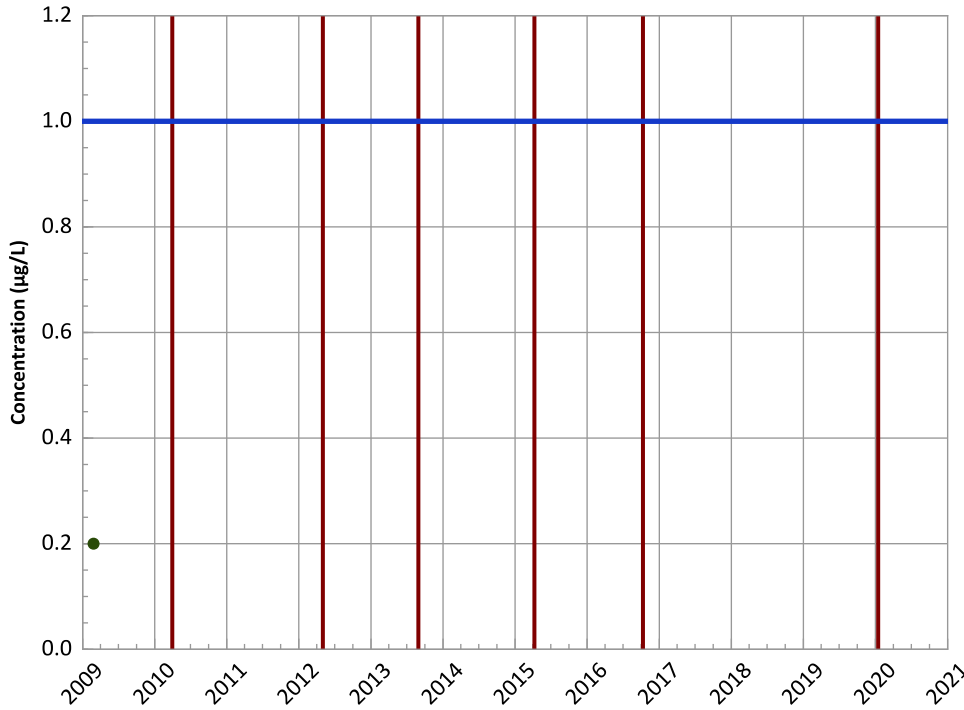


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

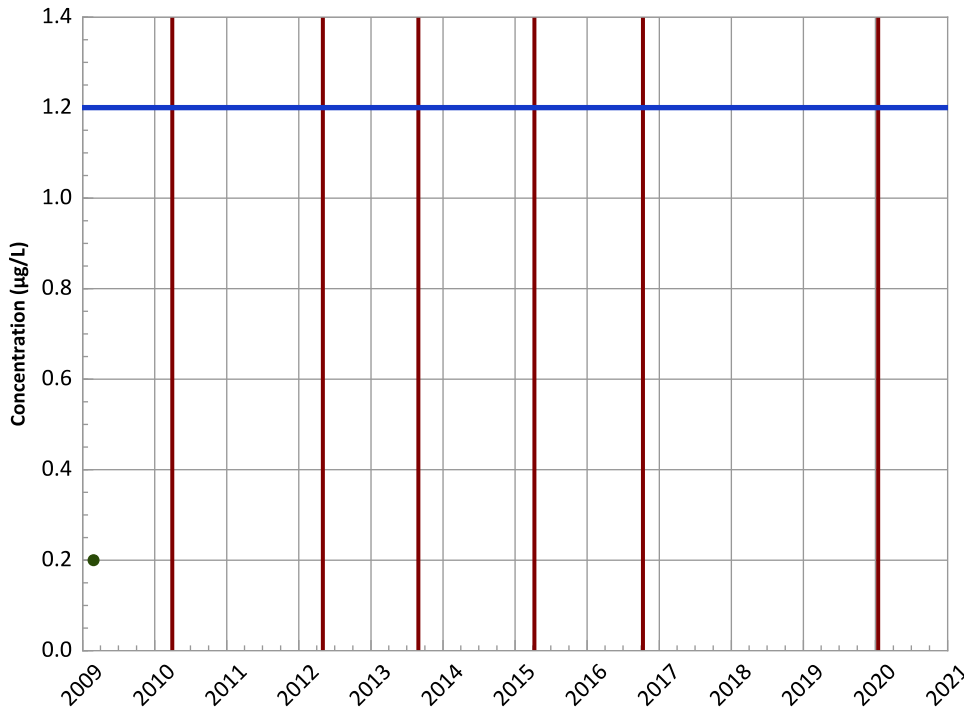


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

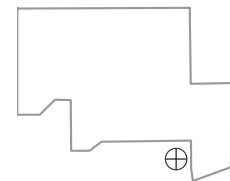


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

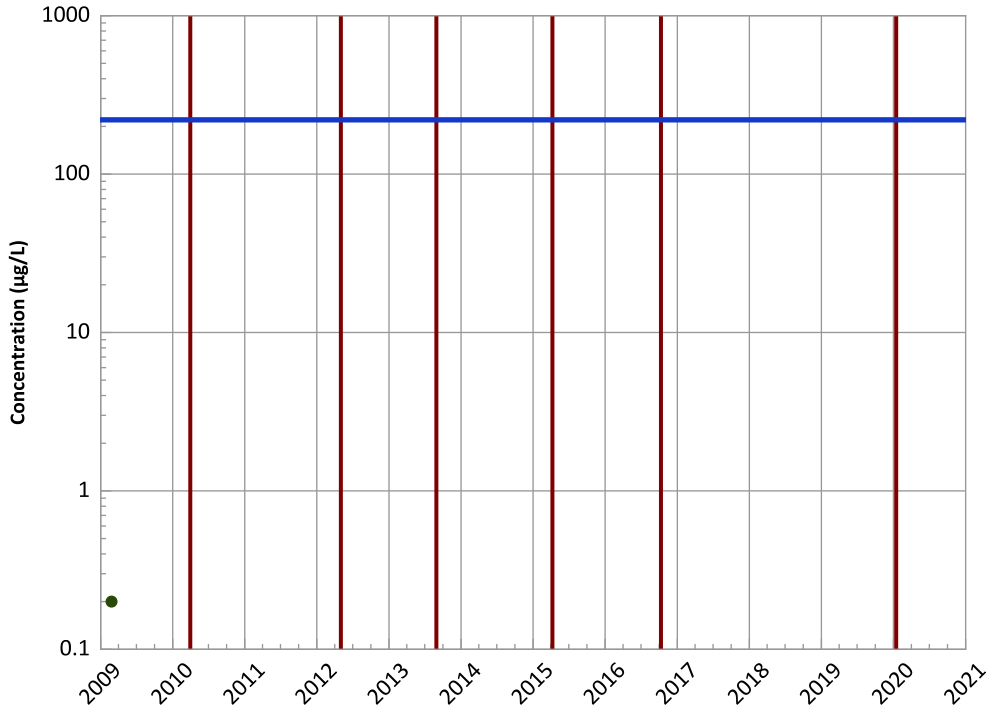


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

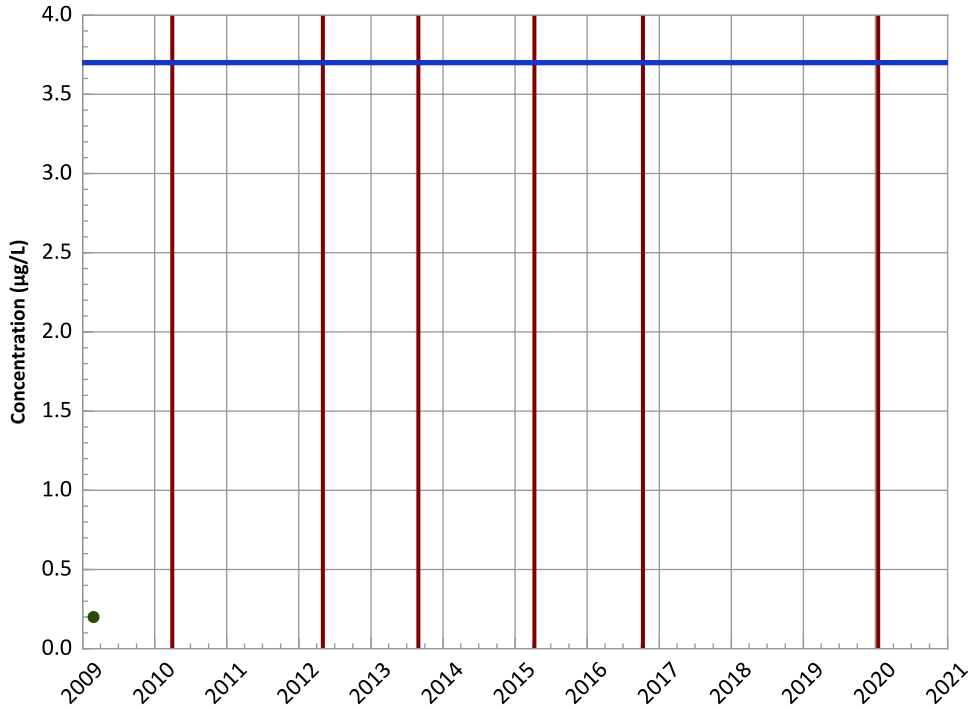


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

1,3-Dinitrobenzene Trend

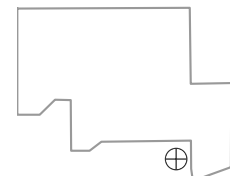


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

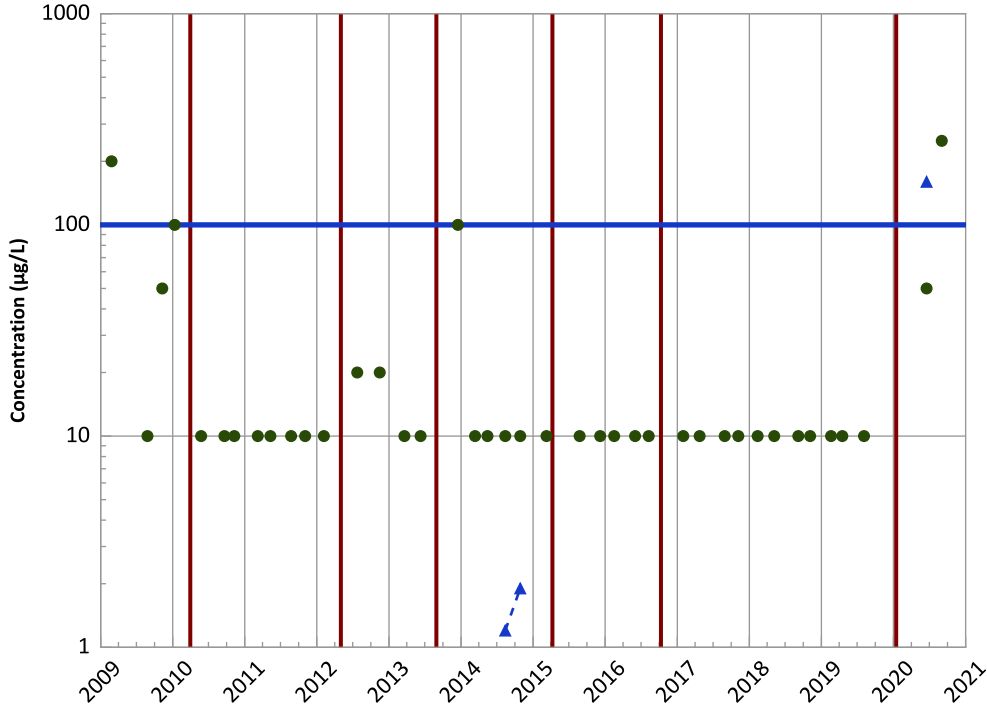


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

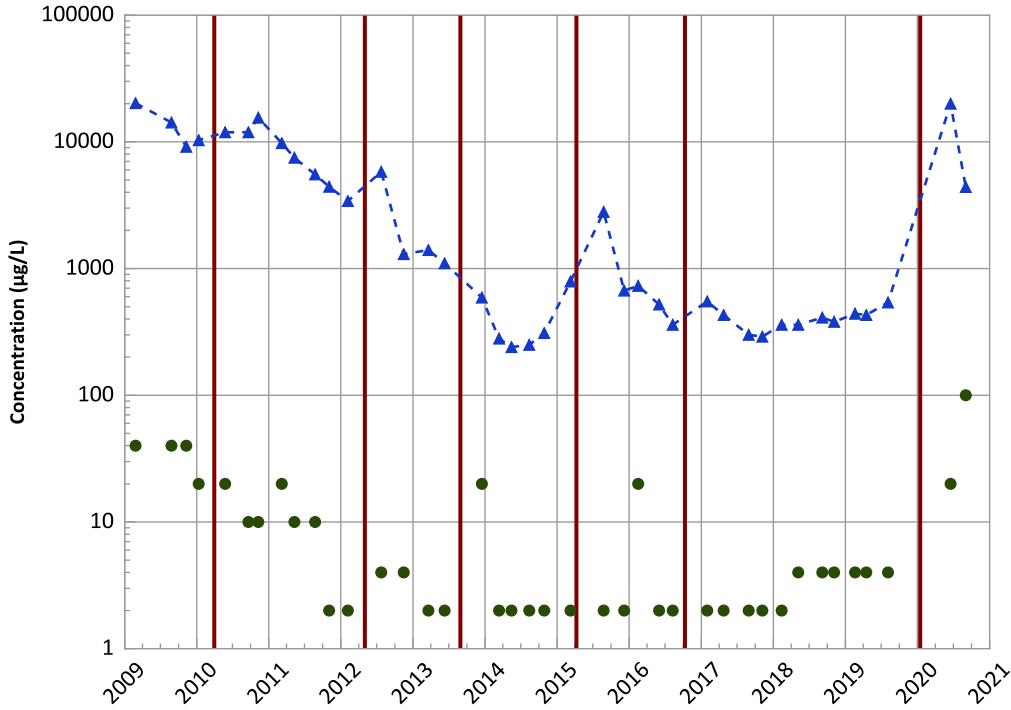


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Manganese Trend

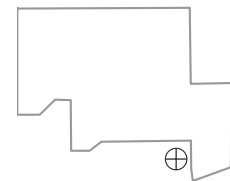


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

Well Location

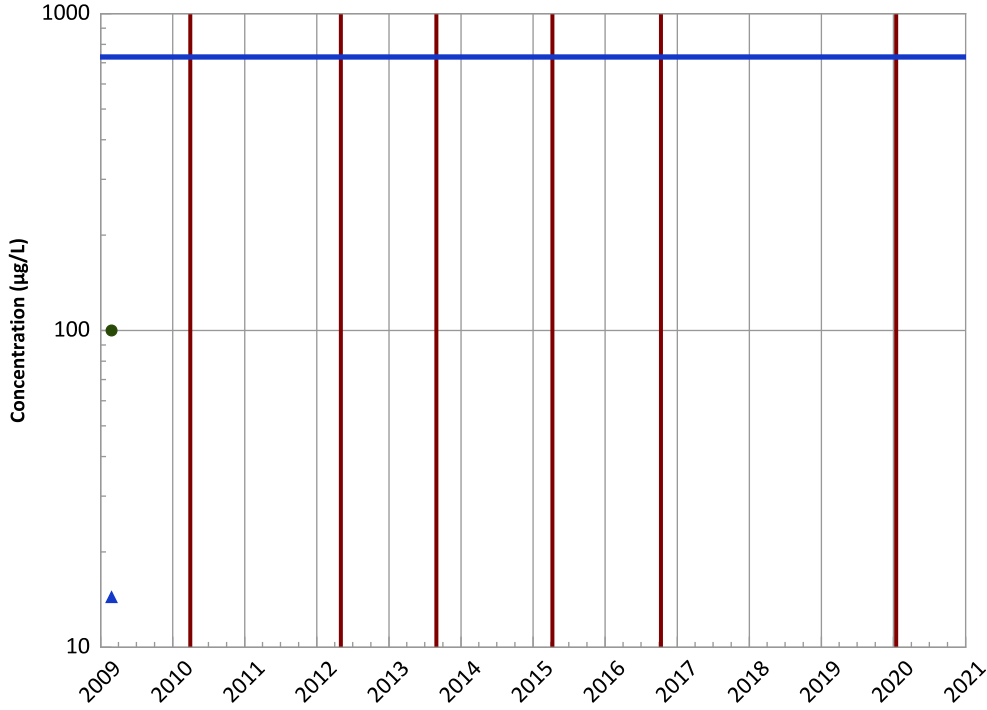


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

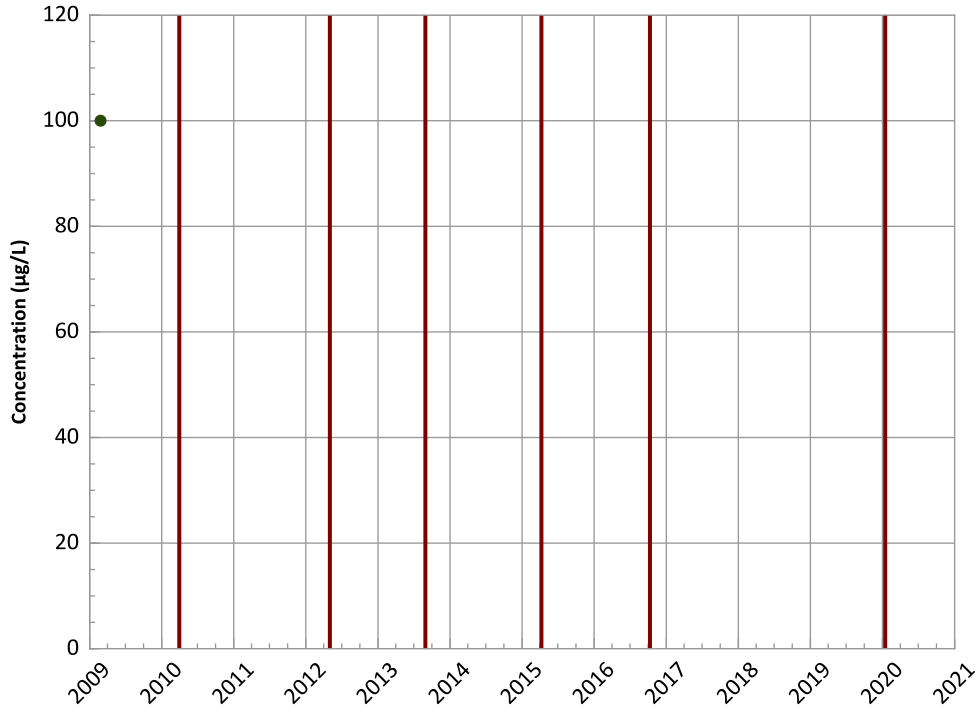
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

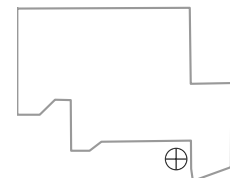
MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect' 'All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

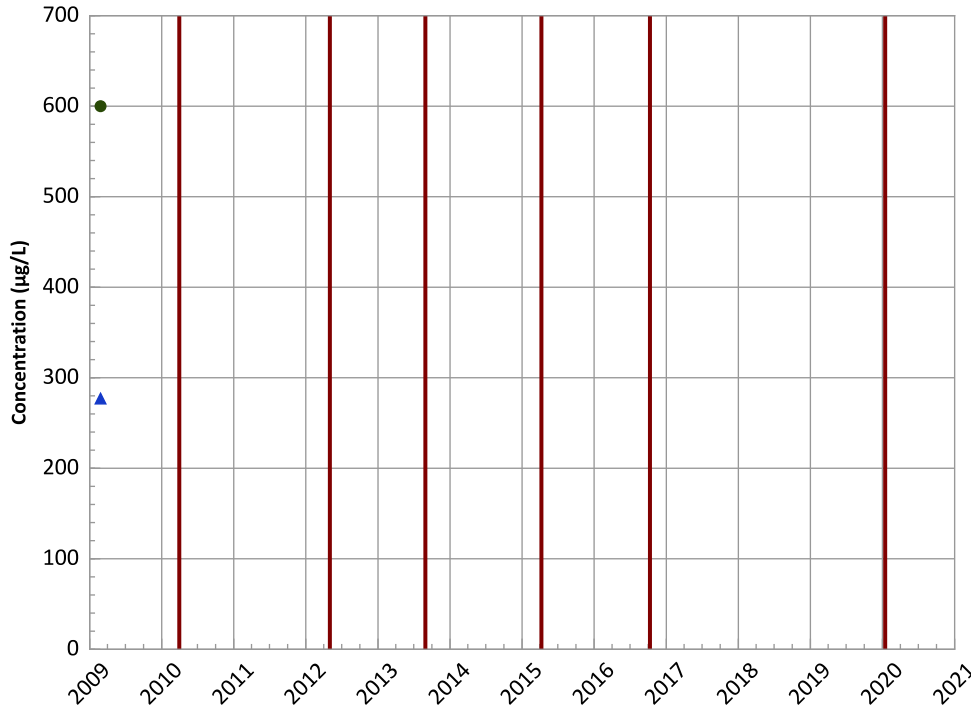
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

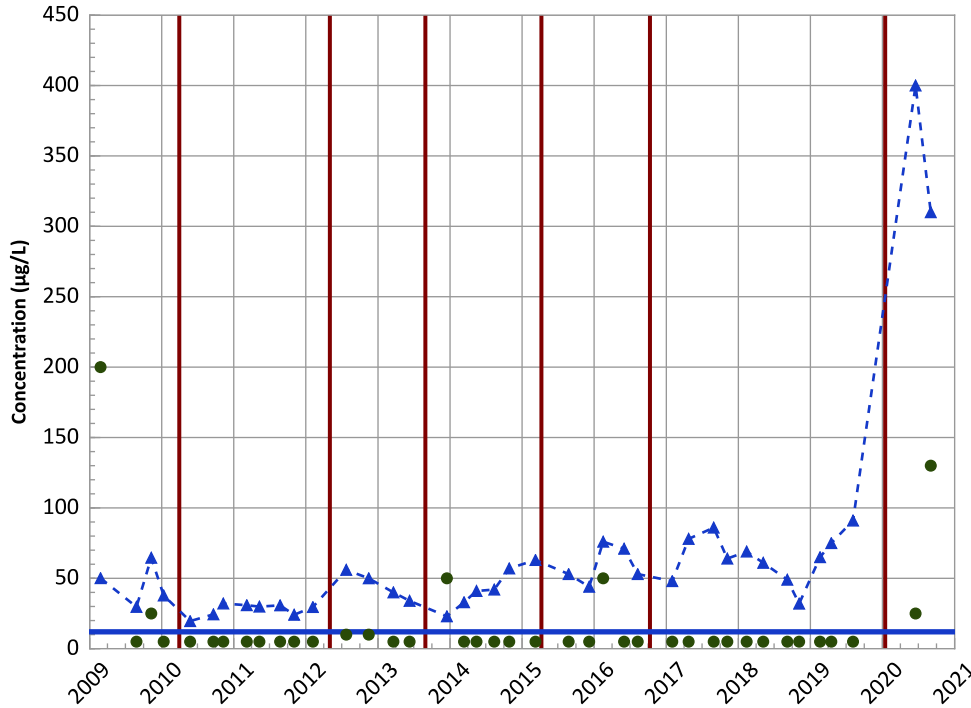
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

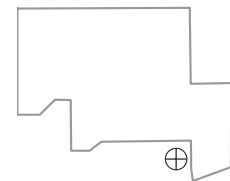
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Probably Increasing

Well Location

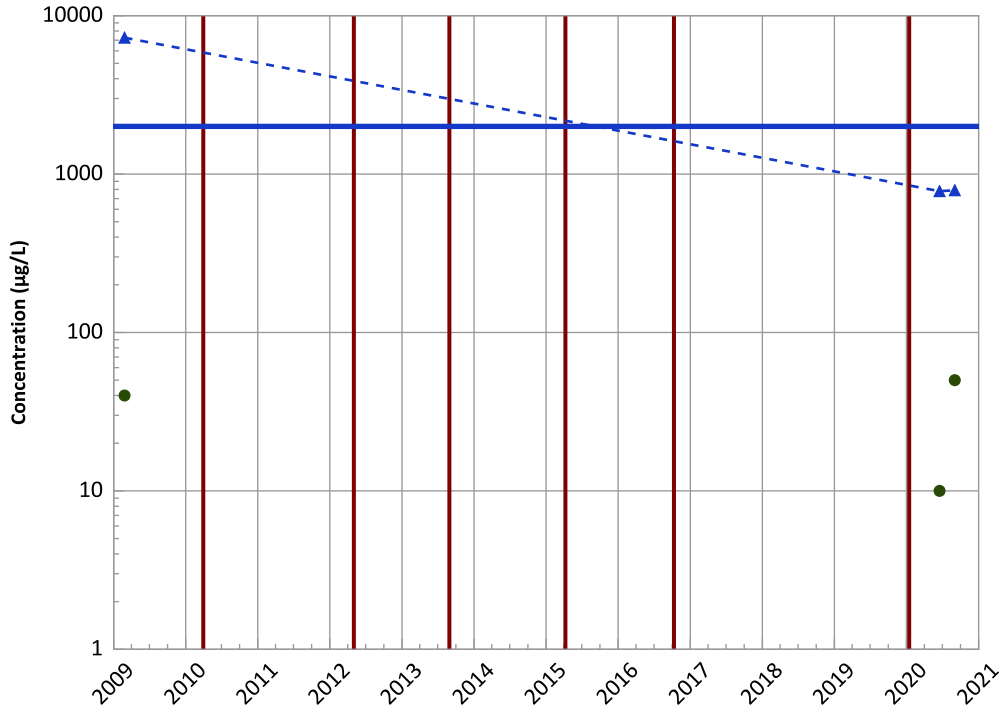


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

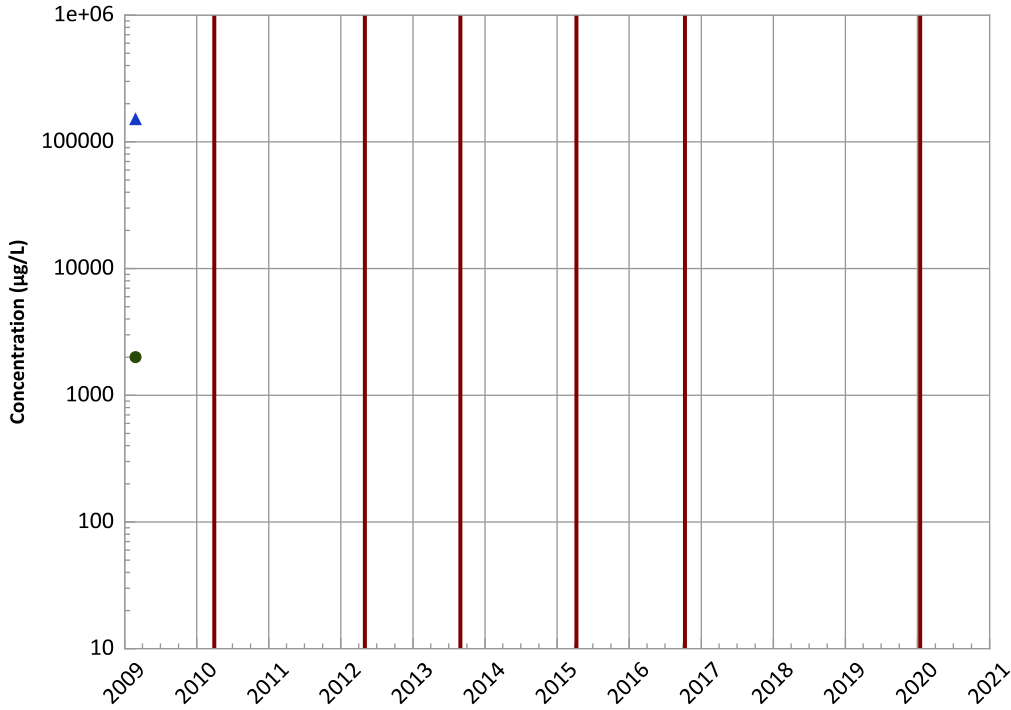
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

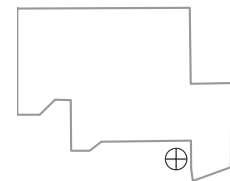
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

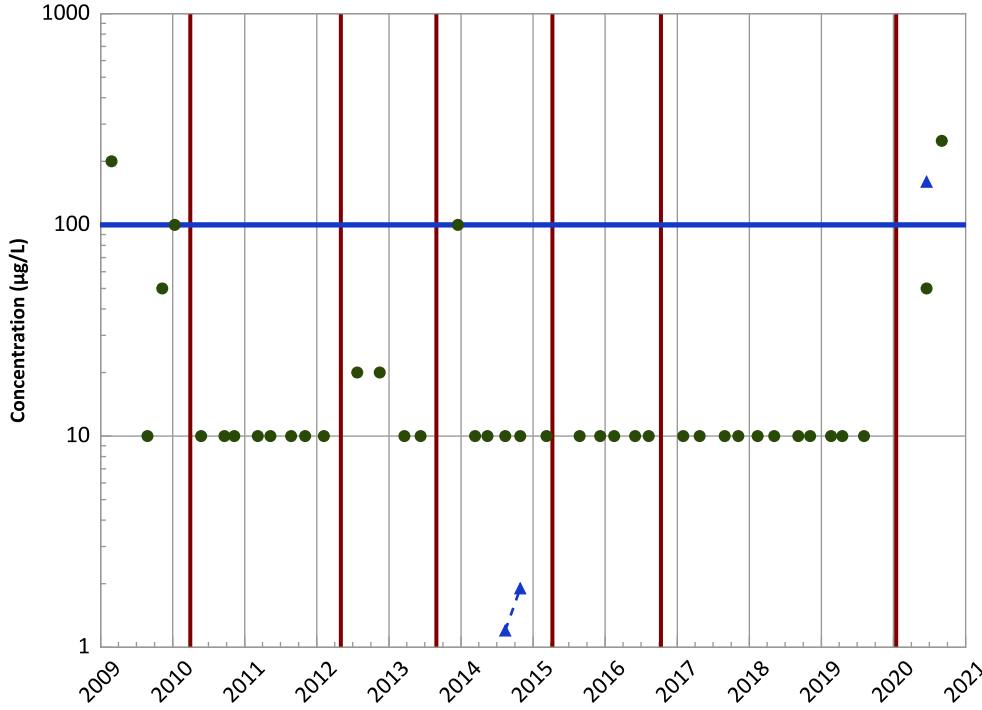


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

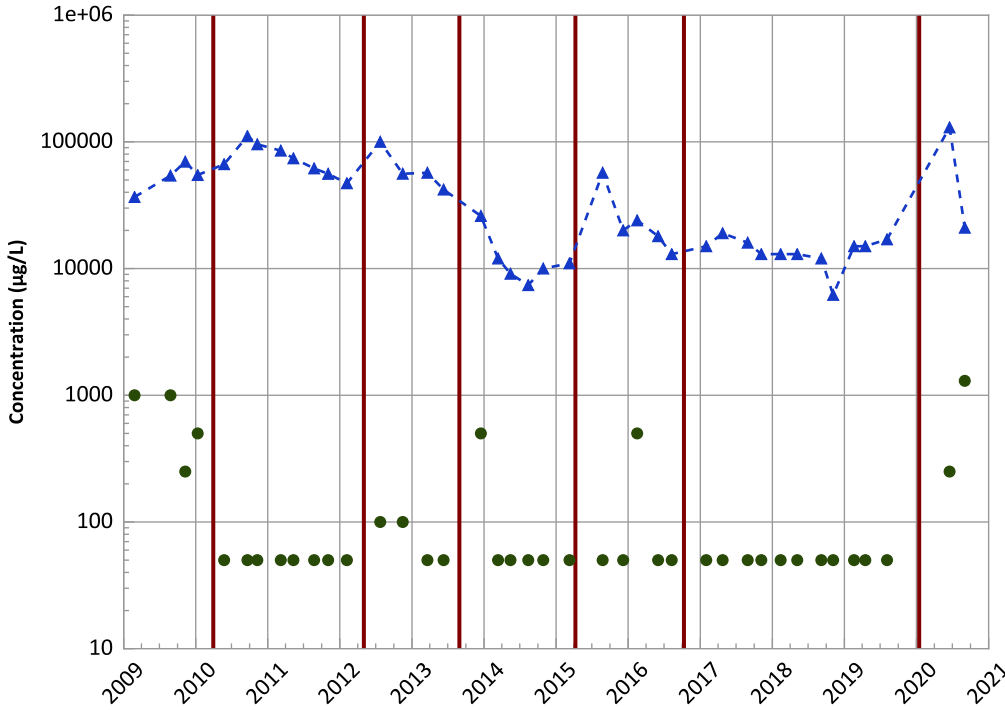


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Iron Trend

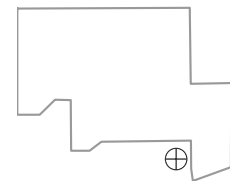


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Well Location

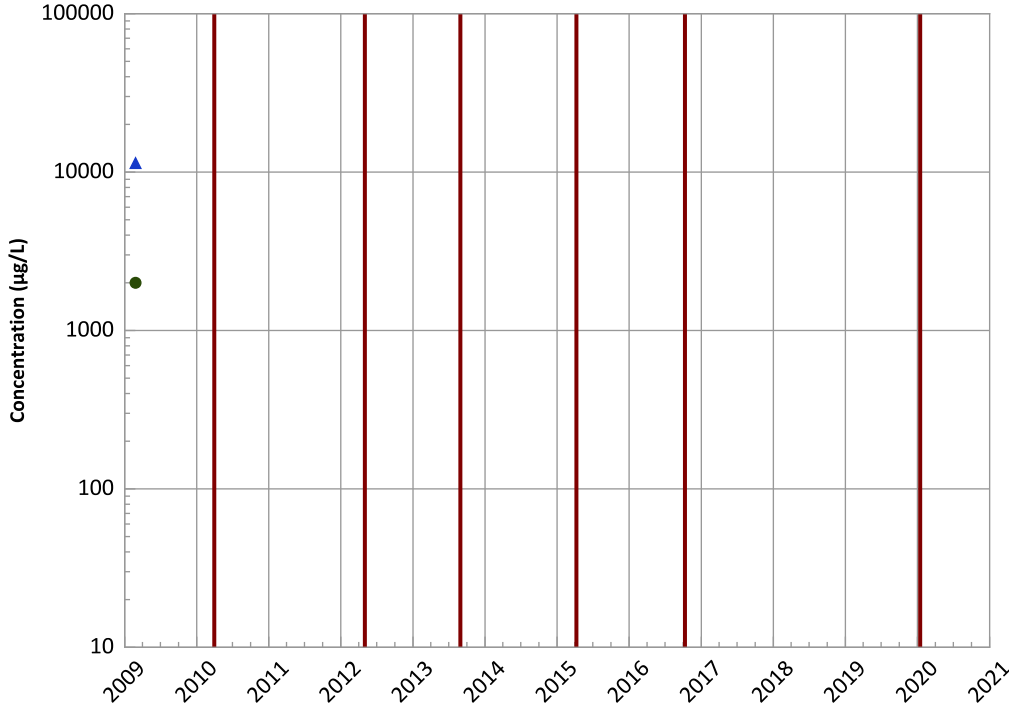


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

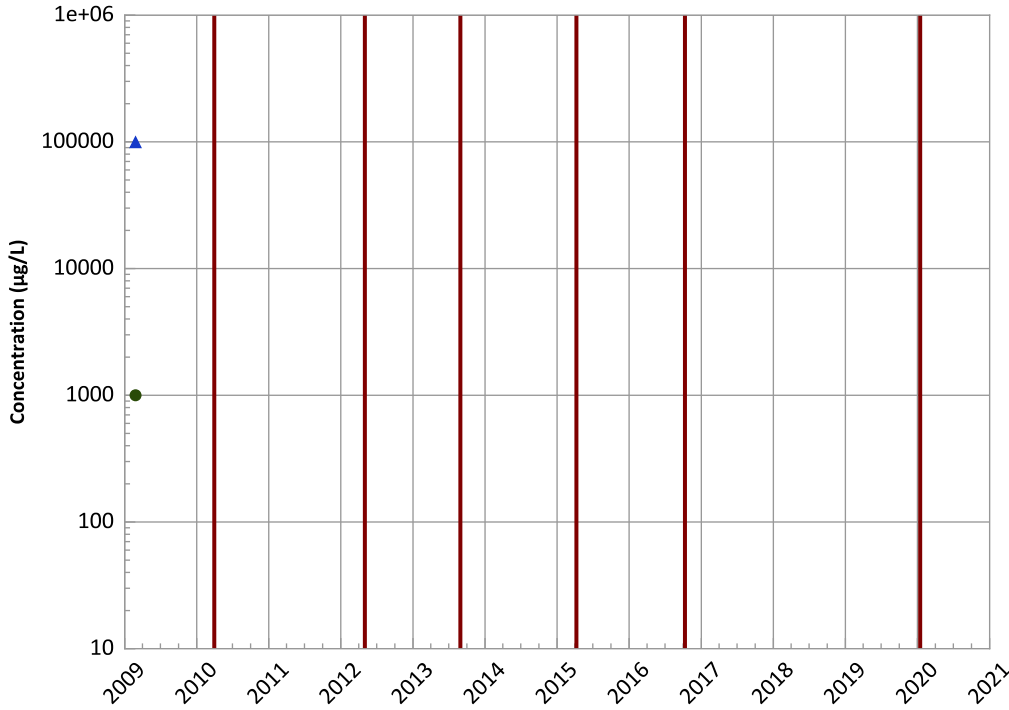


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Magnesium Trend

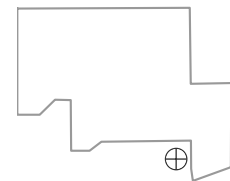


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

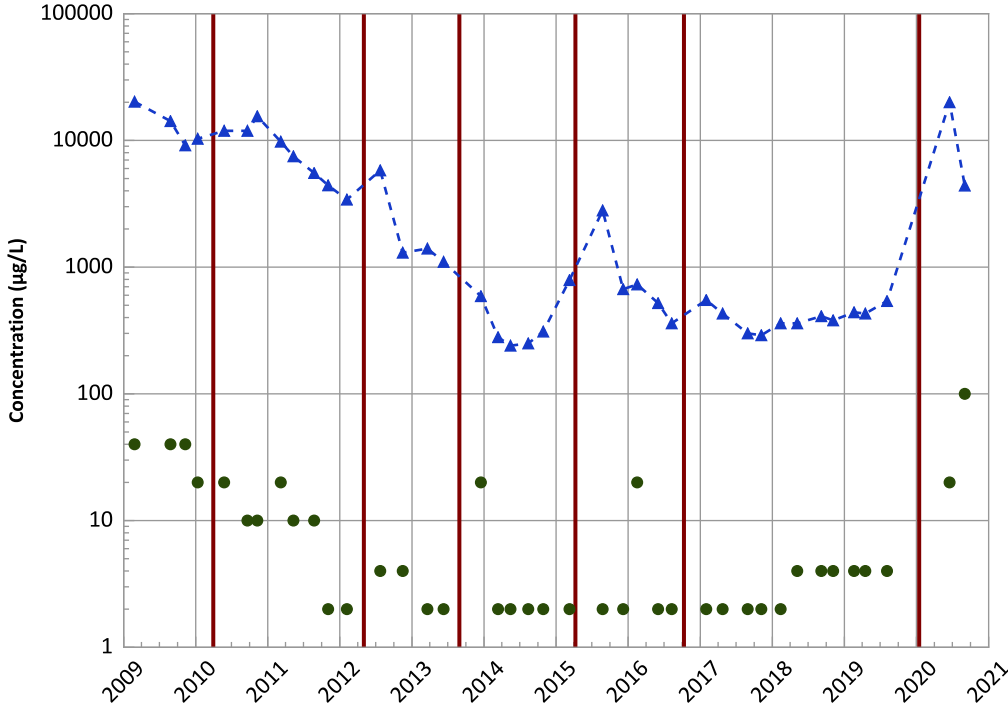


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

MAROS Linear Regression Method

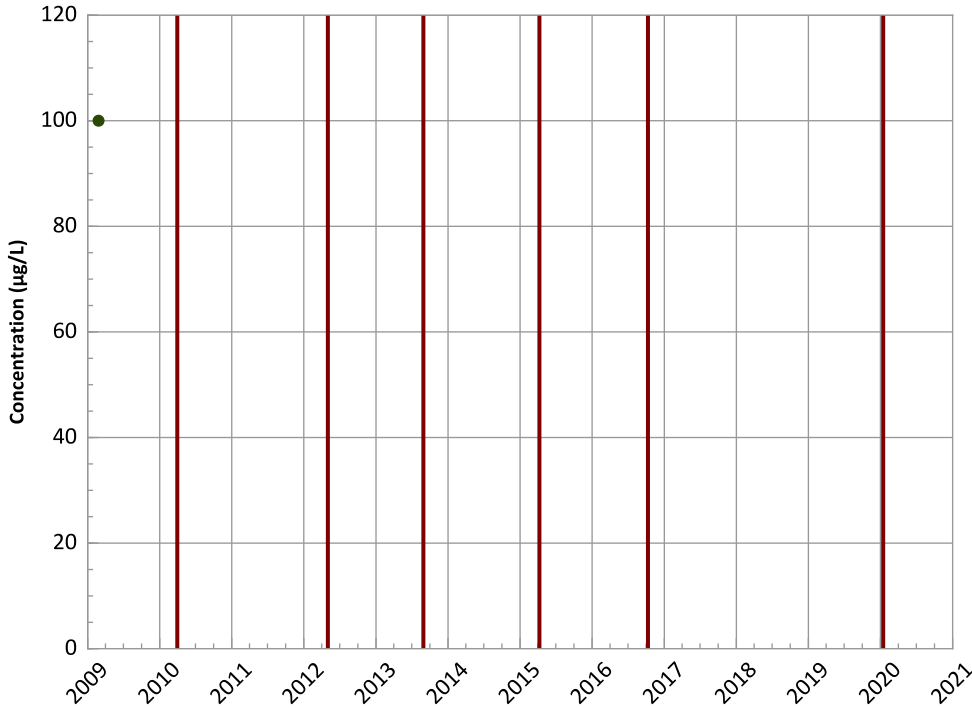
Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

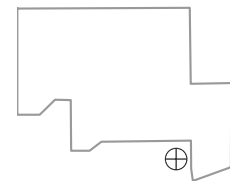
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect' 'All Non-Detect

Well Location

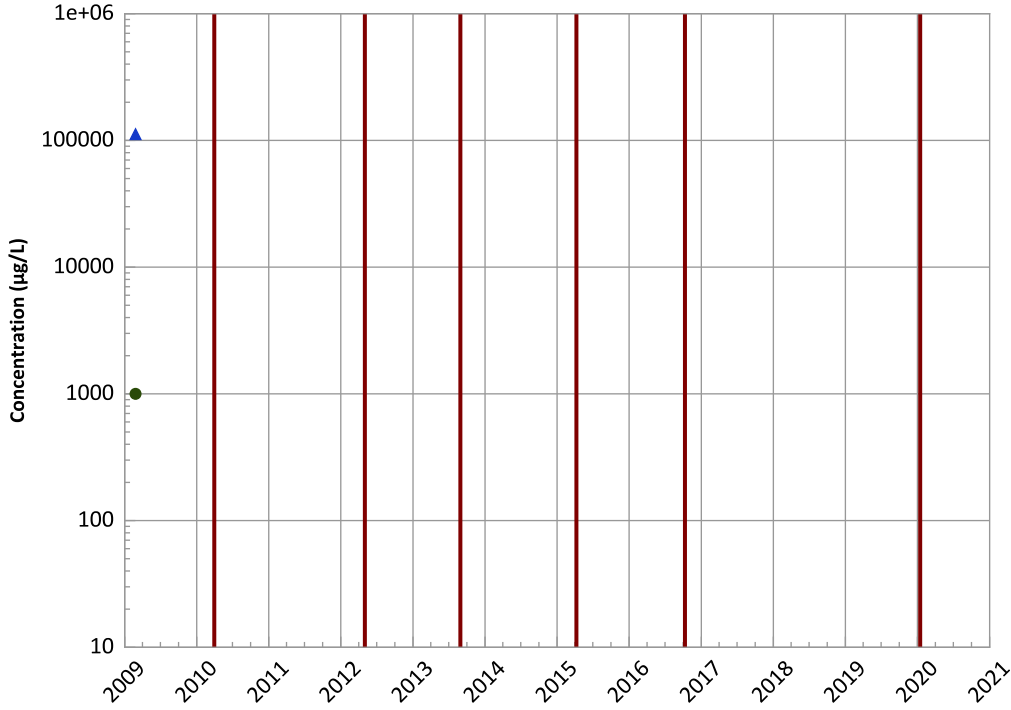


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

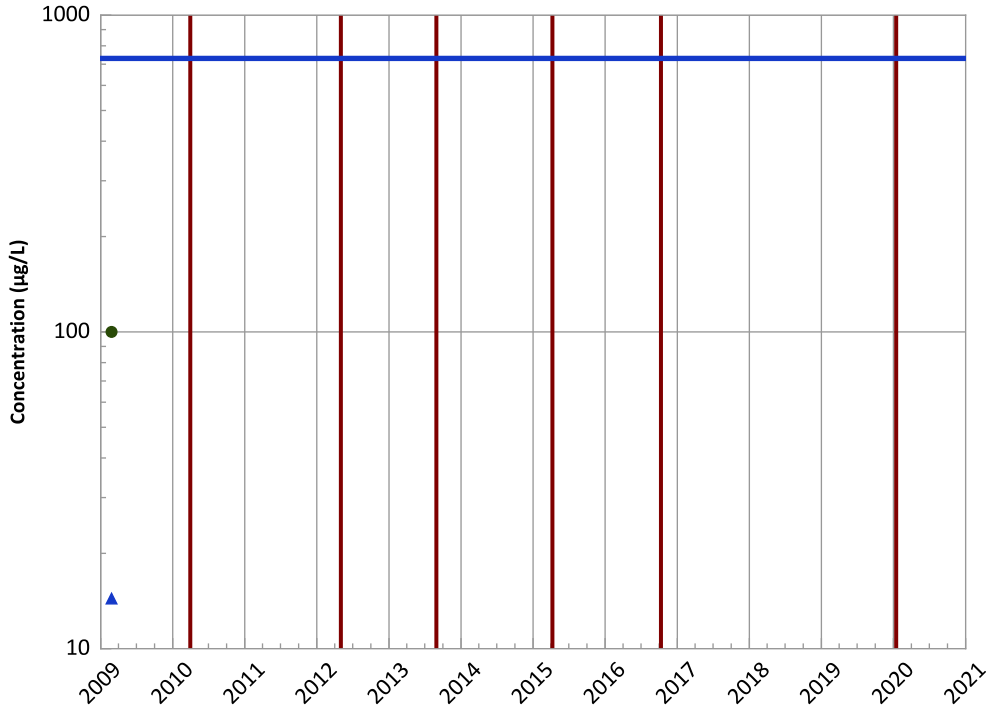
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

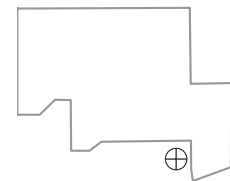
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

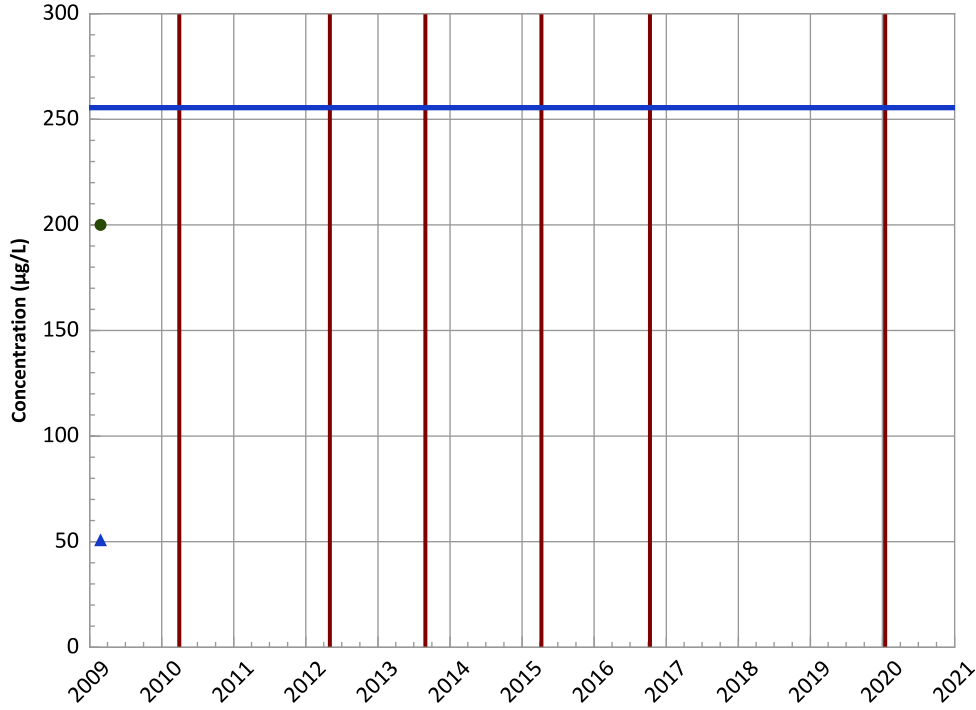


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

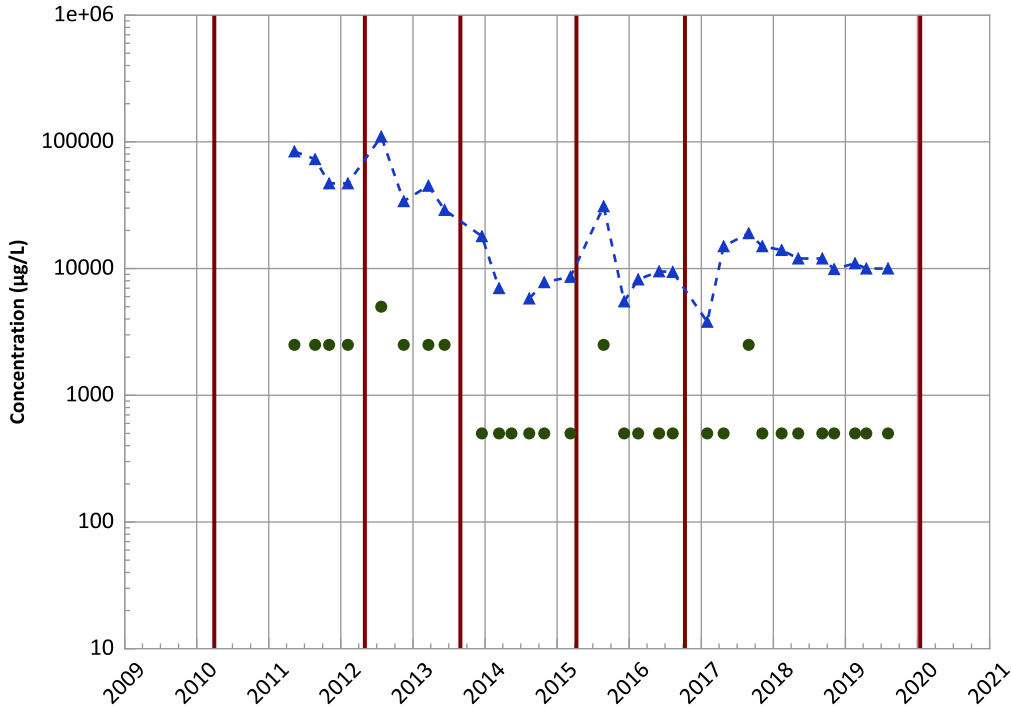
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

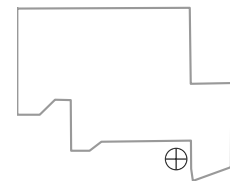
Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Stable

Well Location

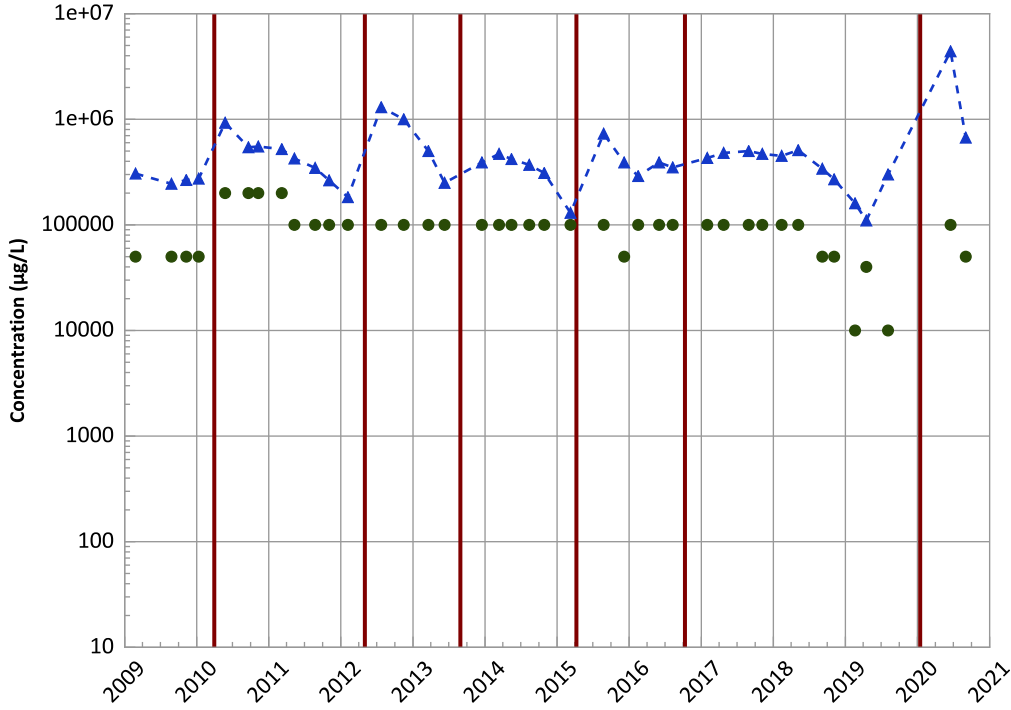


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

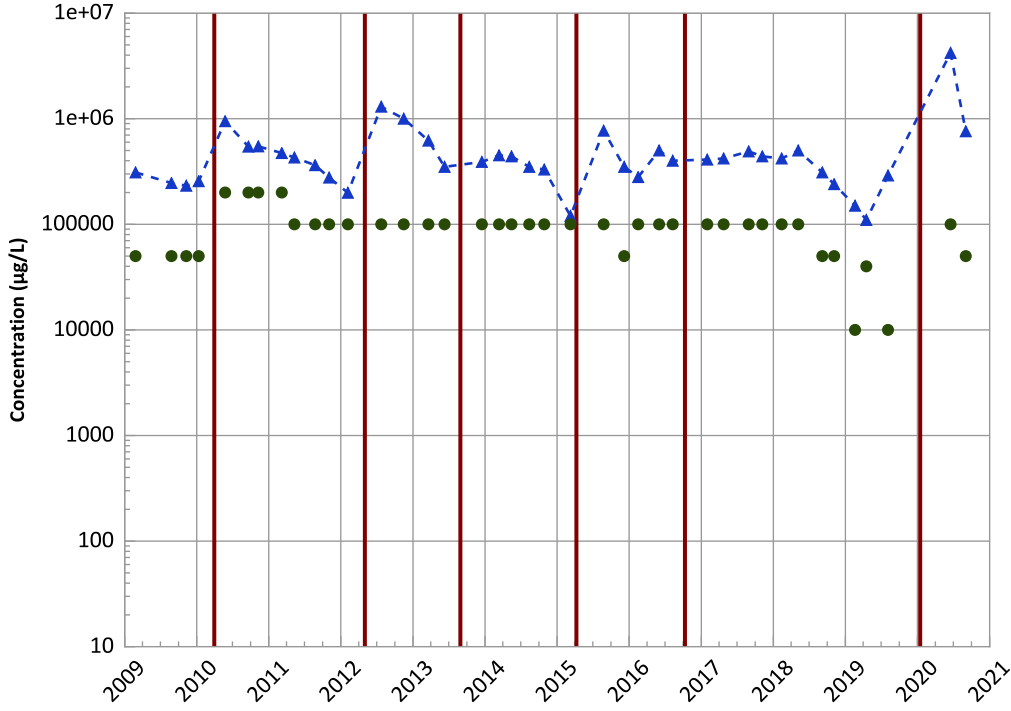
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing

2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend

2018 - 2020 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

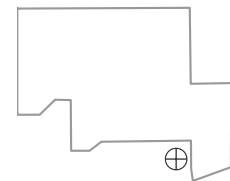
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing

2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend

2018 - 2020 Data:
No Trend

Well Location

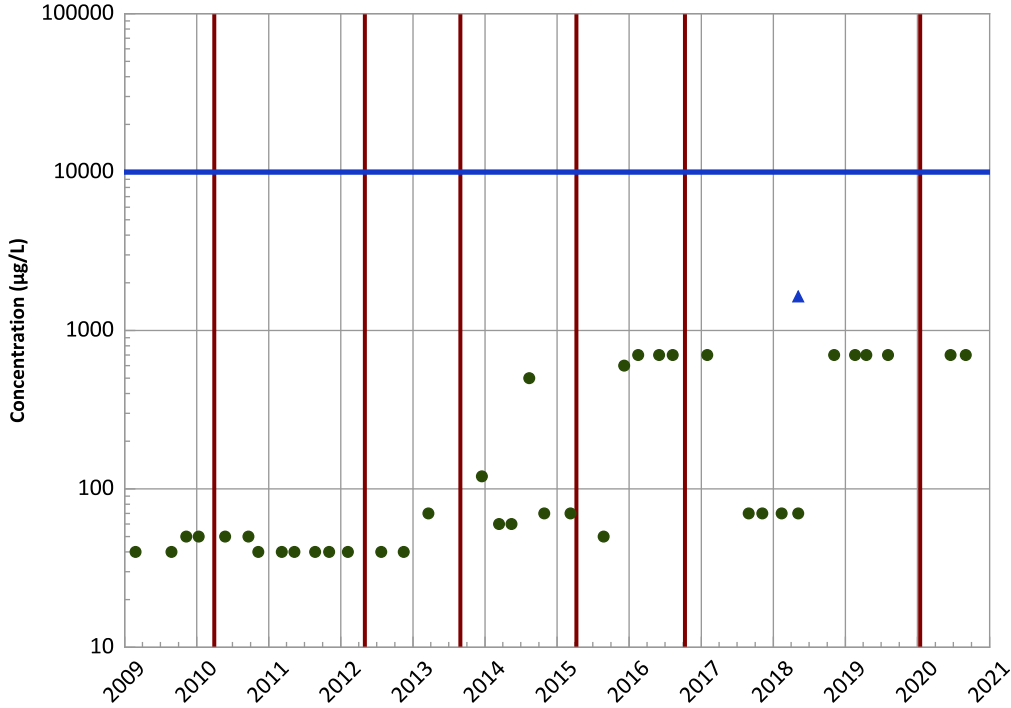


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

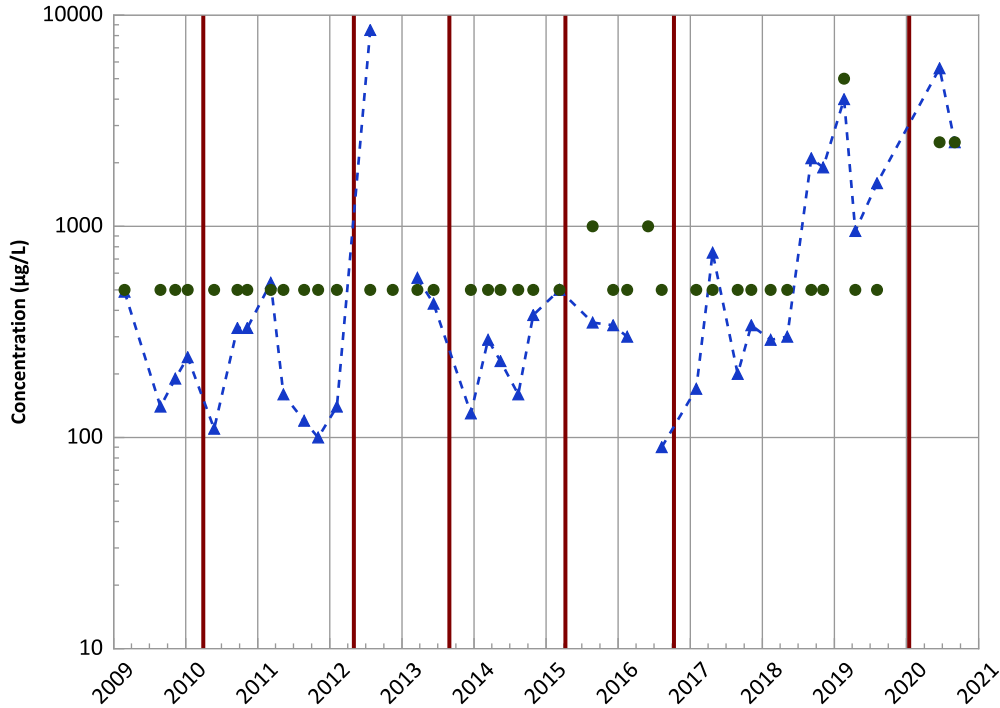


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

Sulfate (as SO4) Trend

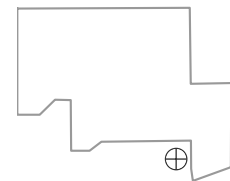


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

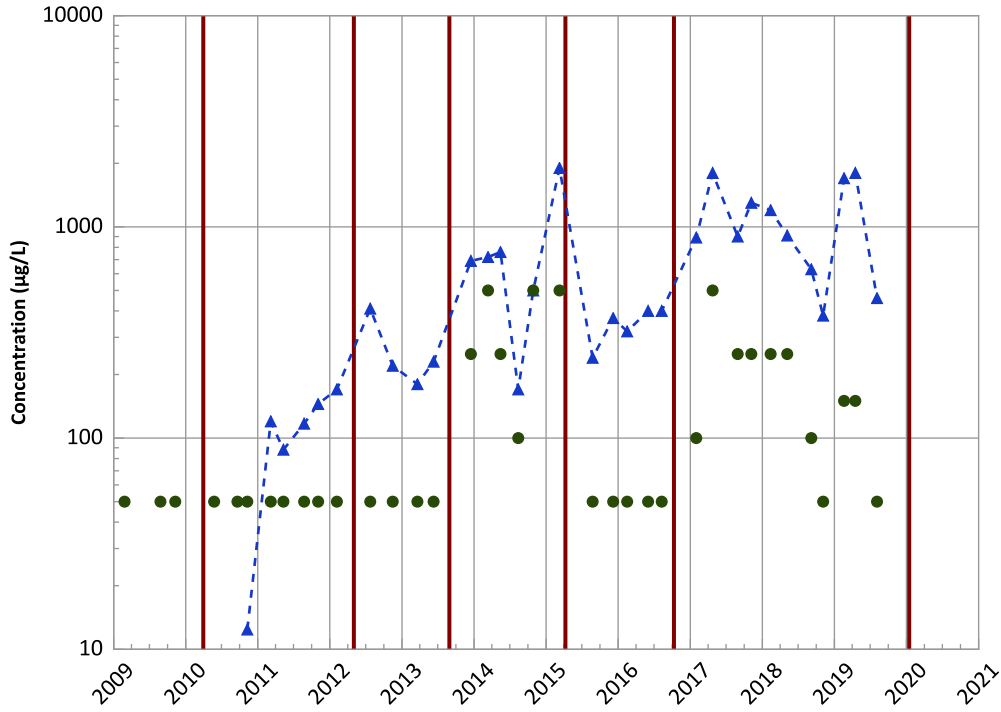


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

Increasing

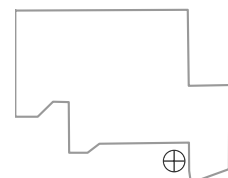
2018 - 2020 Data:

No Trend

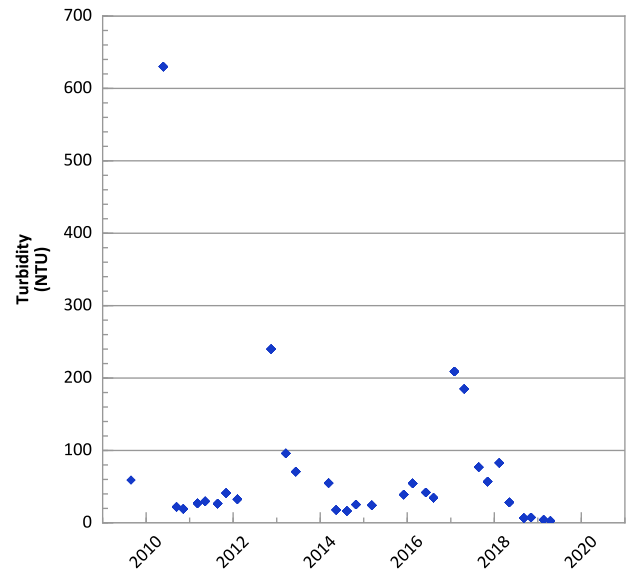
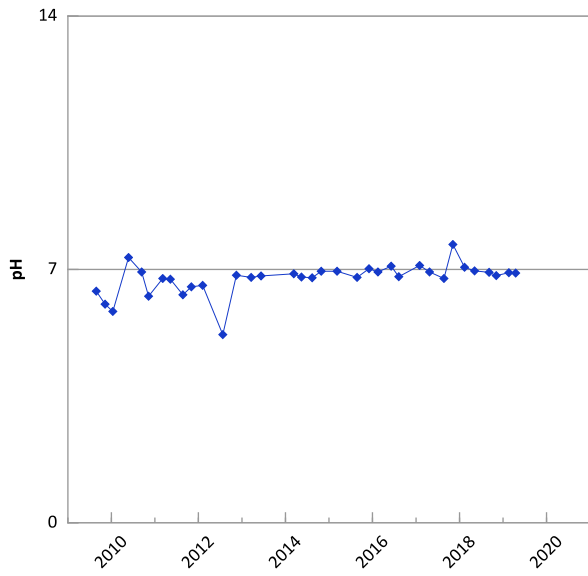
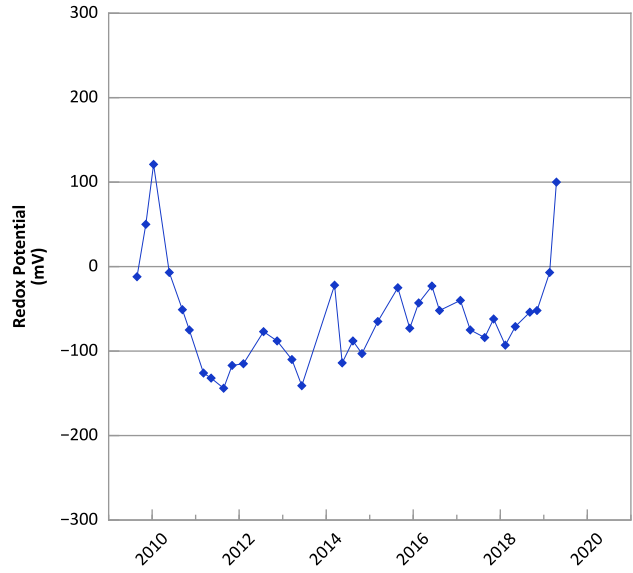
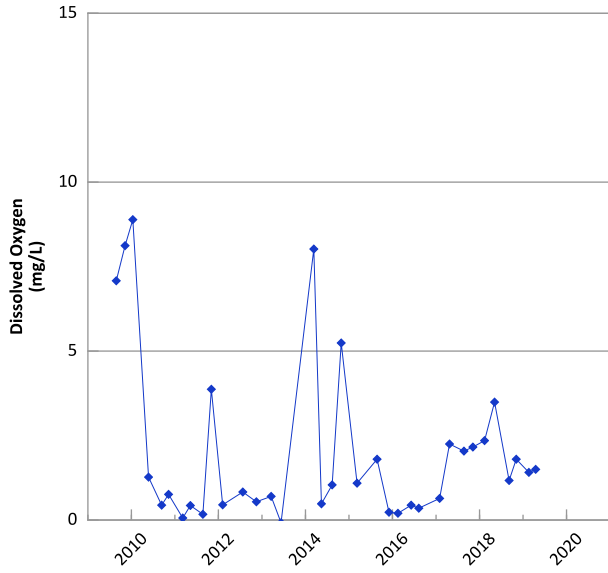
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/25/2009 to 09/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

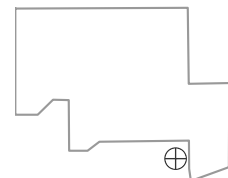


**PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



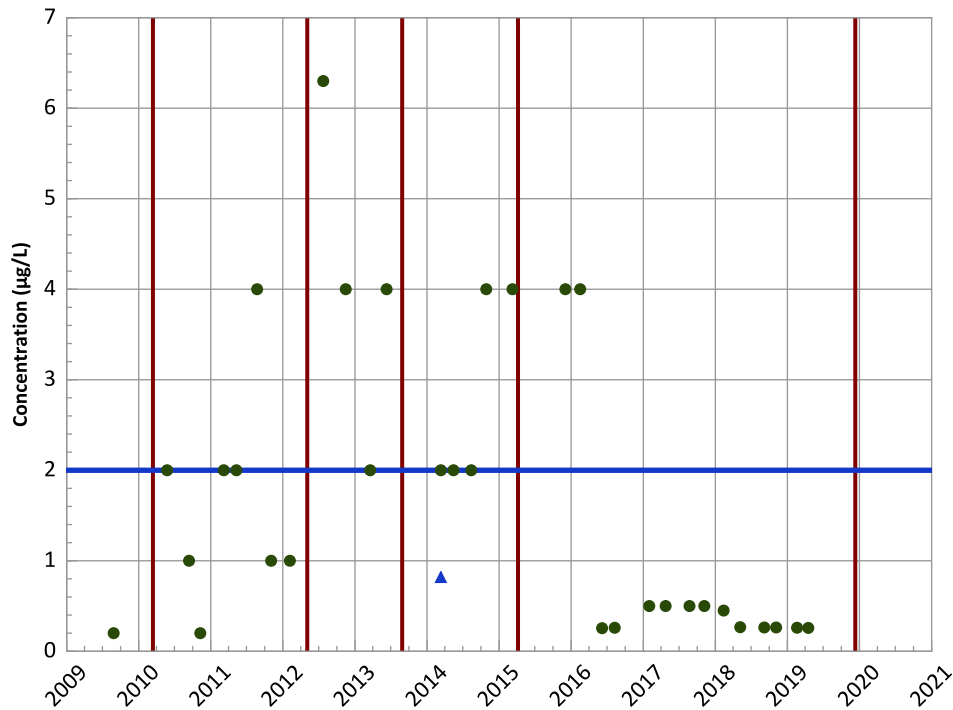
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 08/27/2009 to 04/17/2019
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

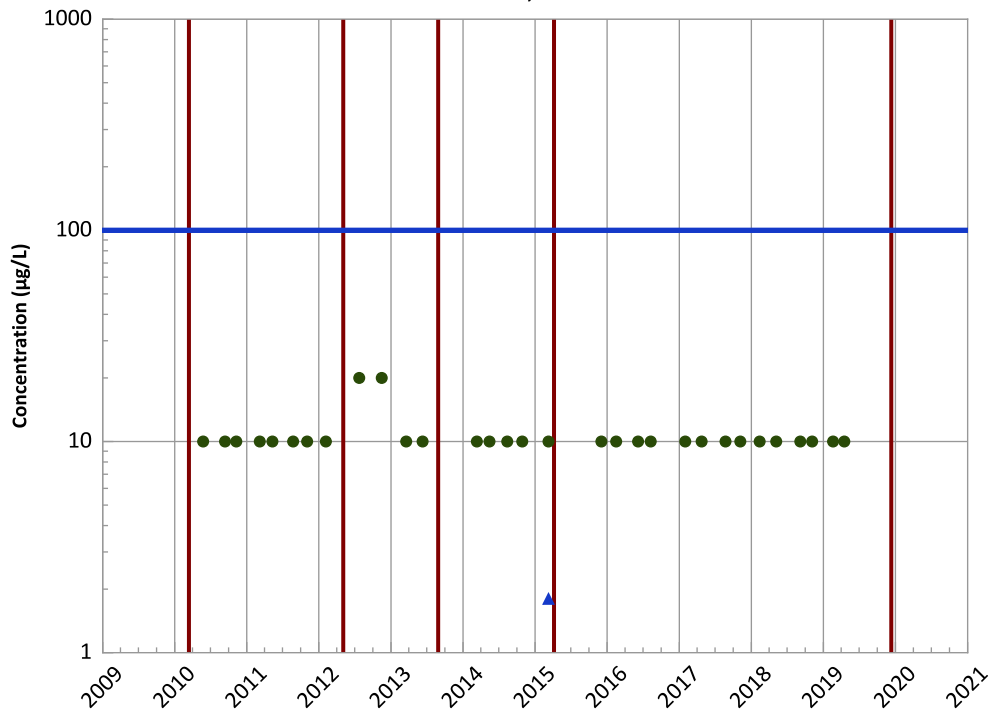


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend

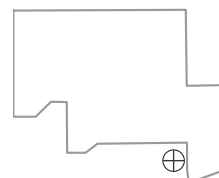


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect' All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Well Location

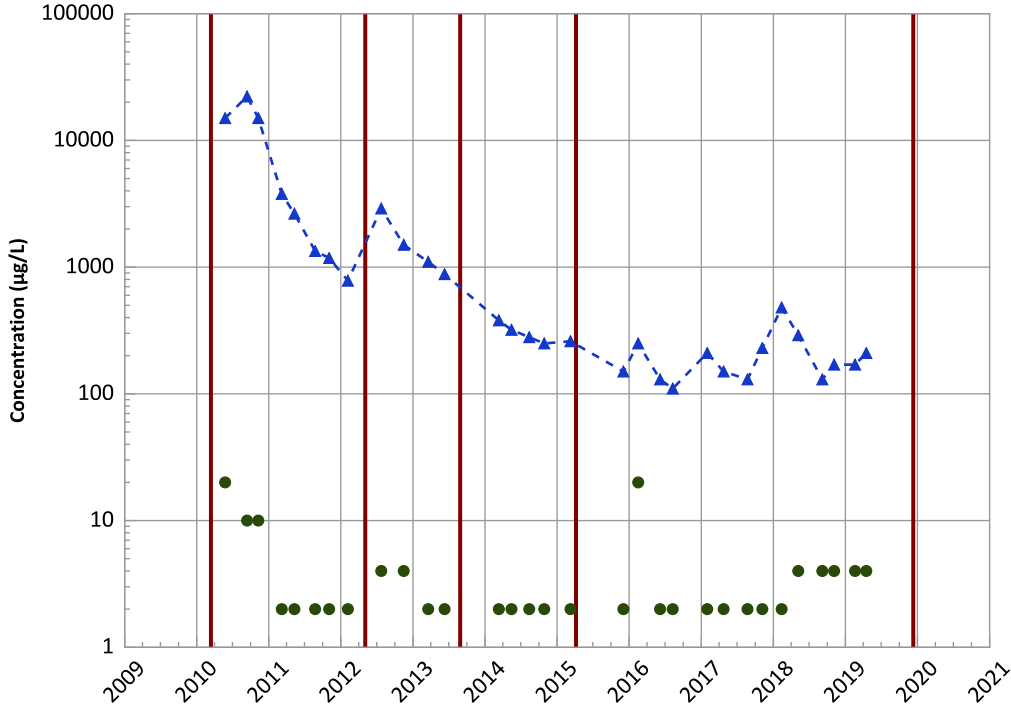


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/27/2009 to 04/17/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

MAROS Linear Regression Method

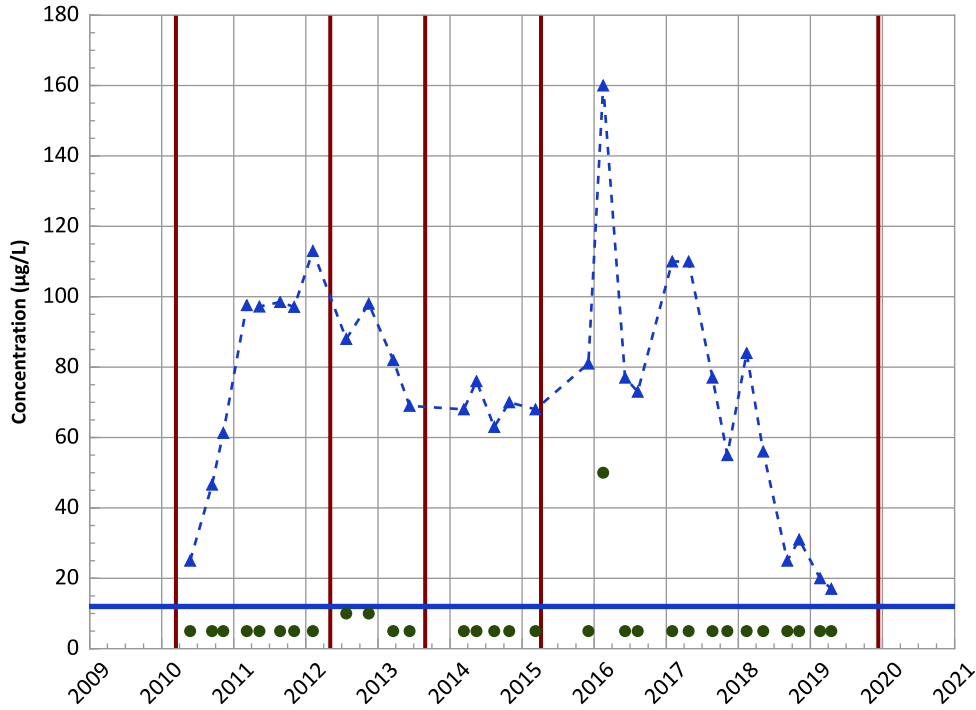
Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Increasing' 'Increasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

Decreasing

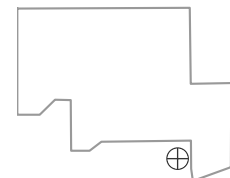
2018 - 2020 Data:

Stable

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/27/2009 to 04/17/2019
Analysis Date: 06/03/2021

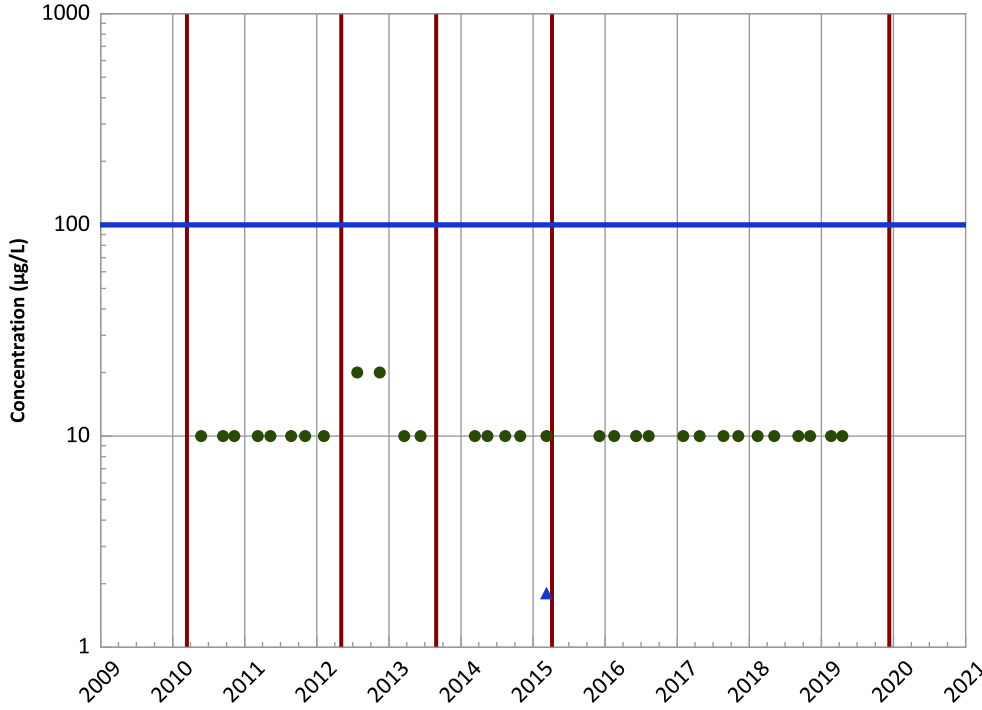
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

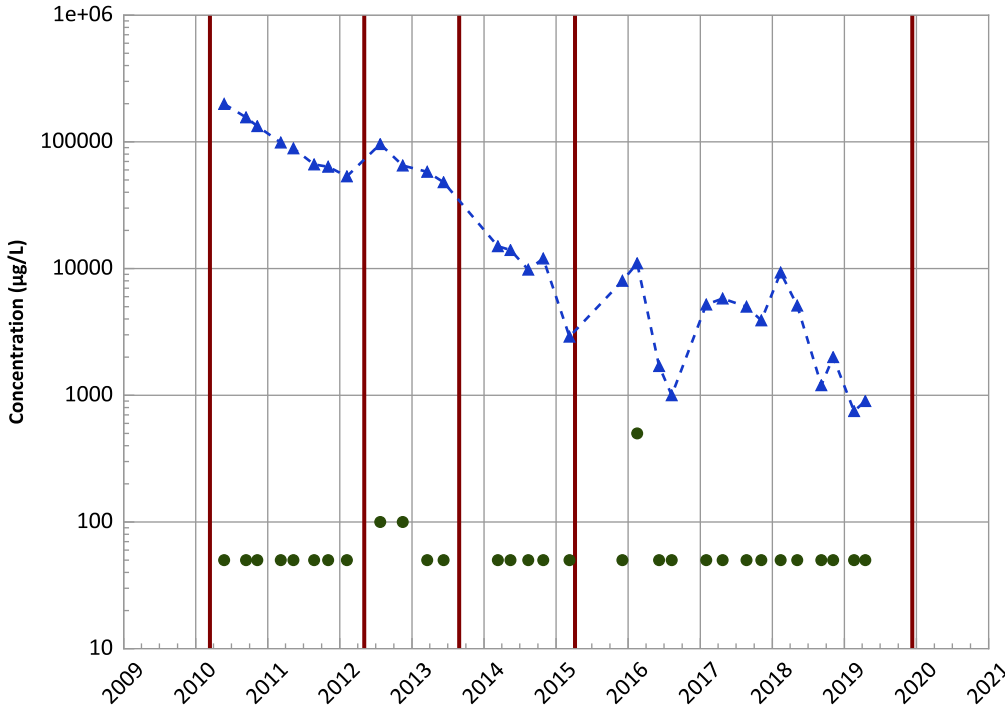


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect' 'All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Iron Trend

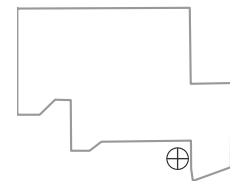


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Well Location

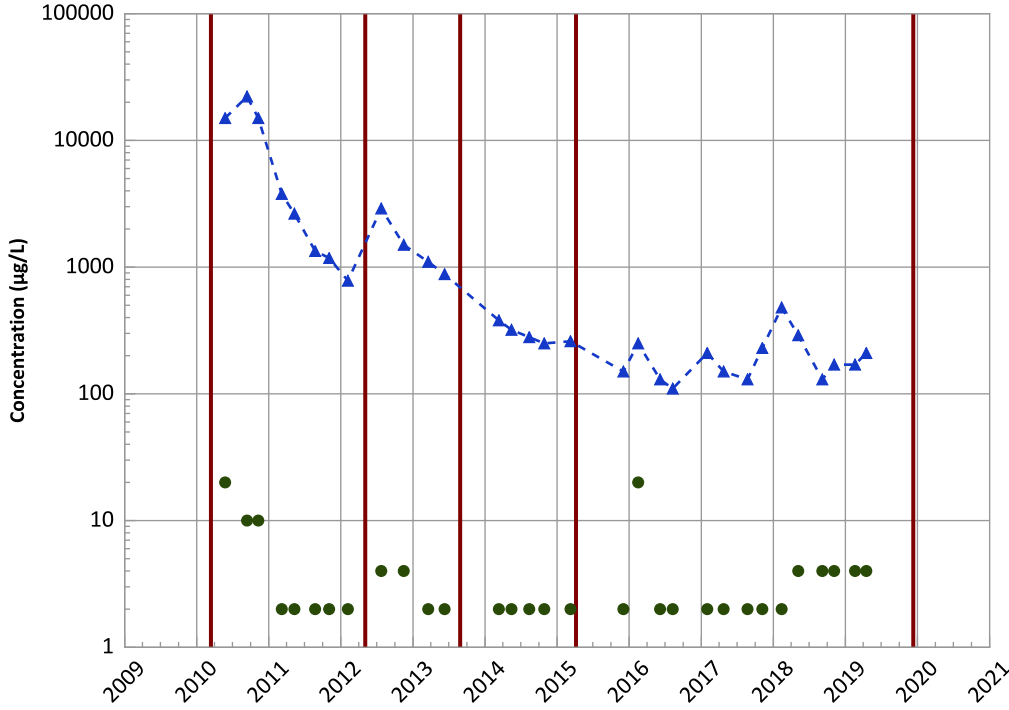


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/27/2009 to 04/17/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

No Trend' 'No Trend

MAROS Linear Regression Method

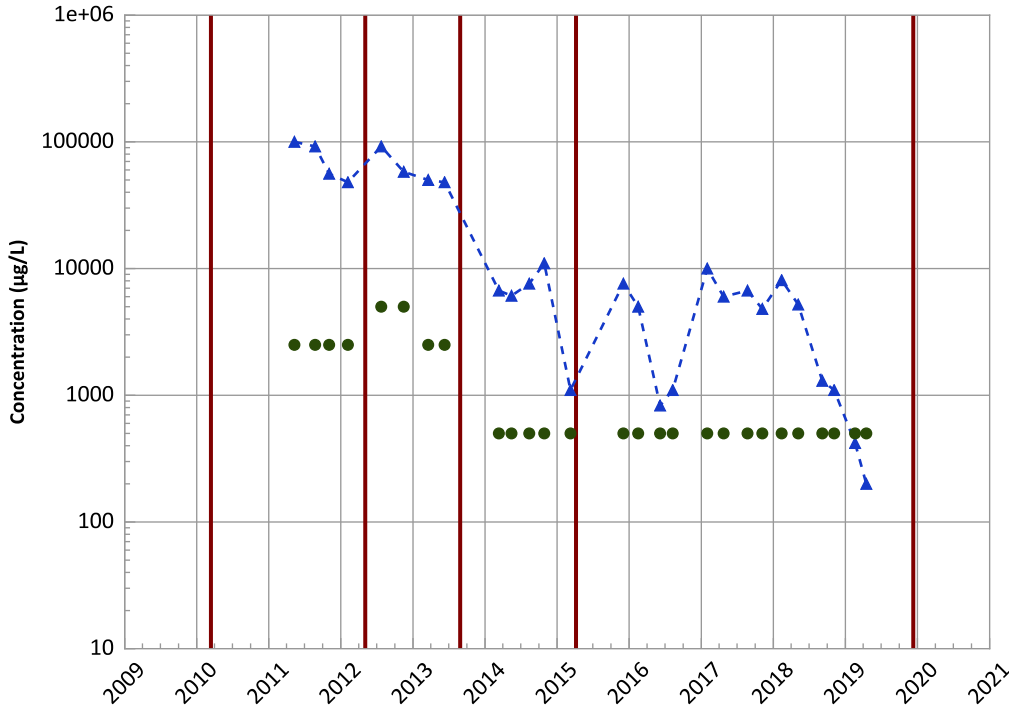
Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Increasing' 'Increasing

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

Decreasing

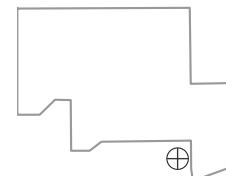
2018 - 2020 Data:

Decreasing

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/27/2009 to 04/17/2019
Analysis Date: 06/03/2021

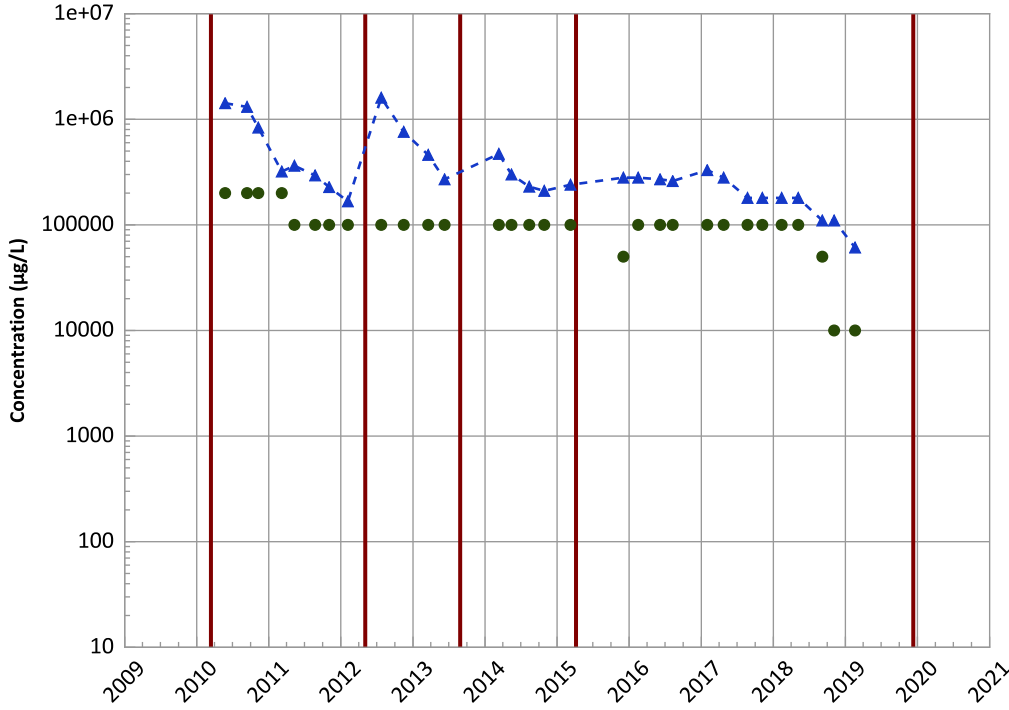
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

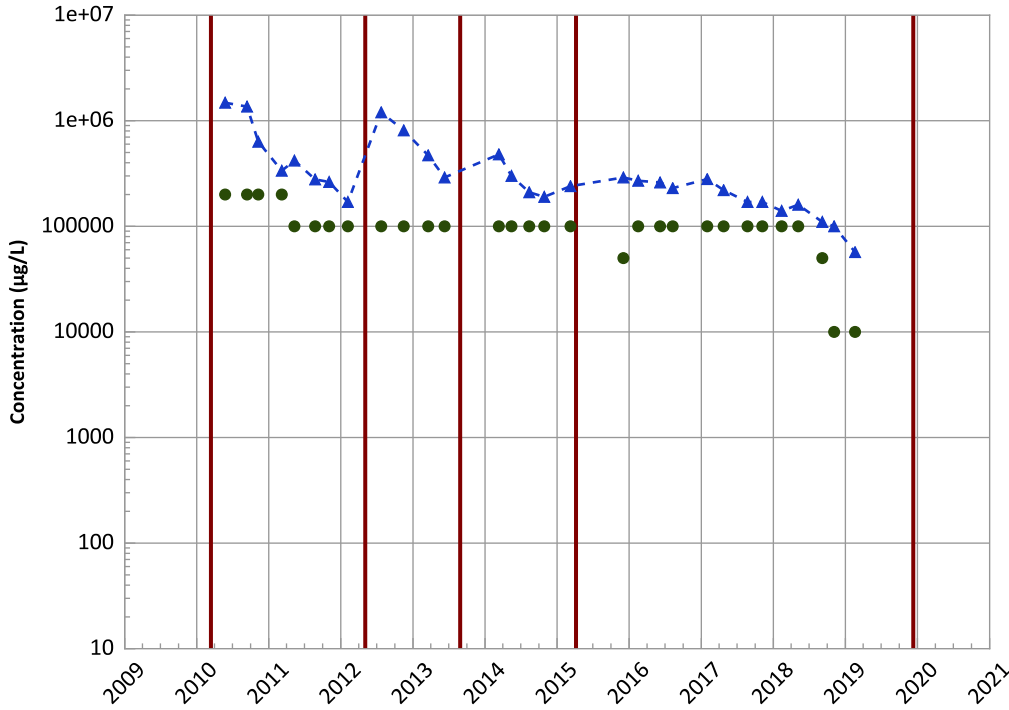


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend

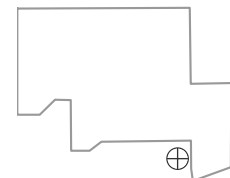


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

Well Location

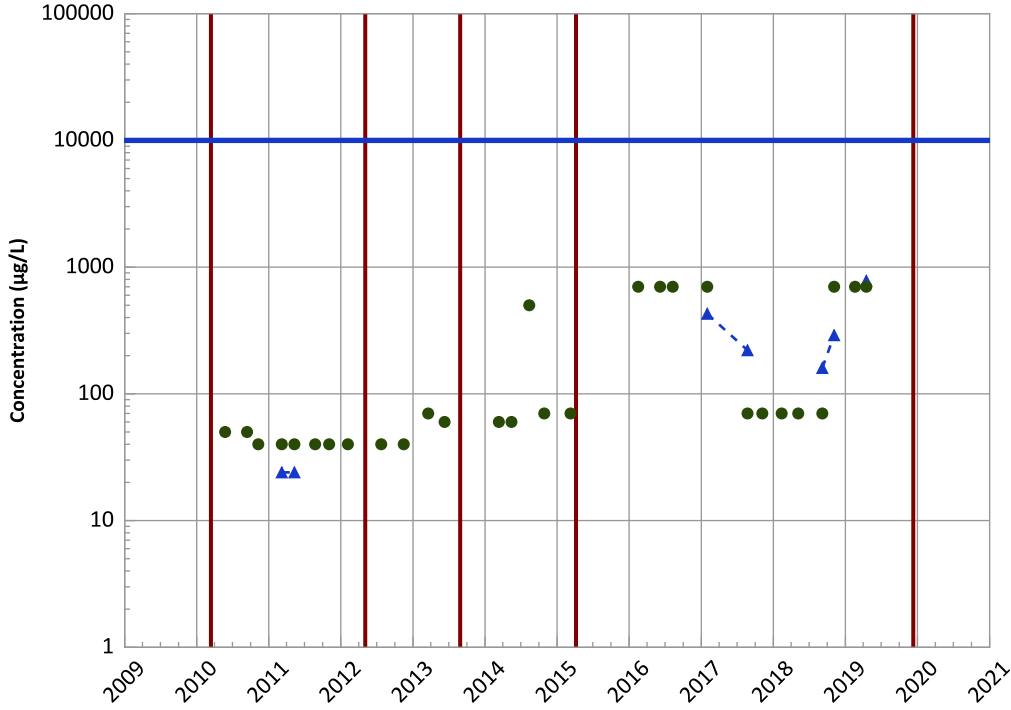


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/27/2009 to 04/17/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

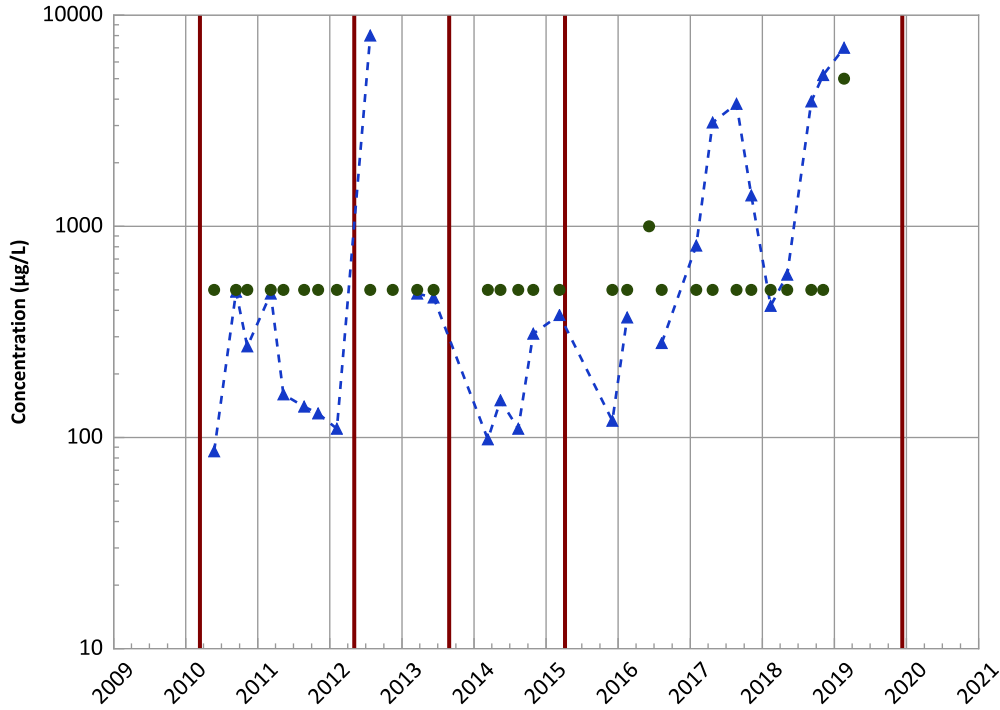


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Sulfate (as SO4) Trend

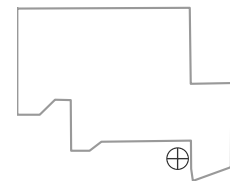


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

Well Location

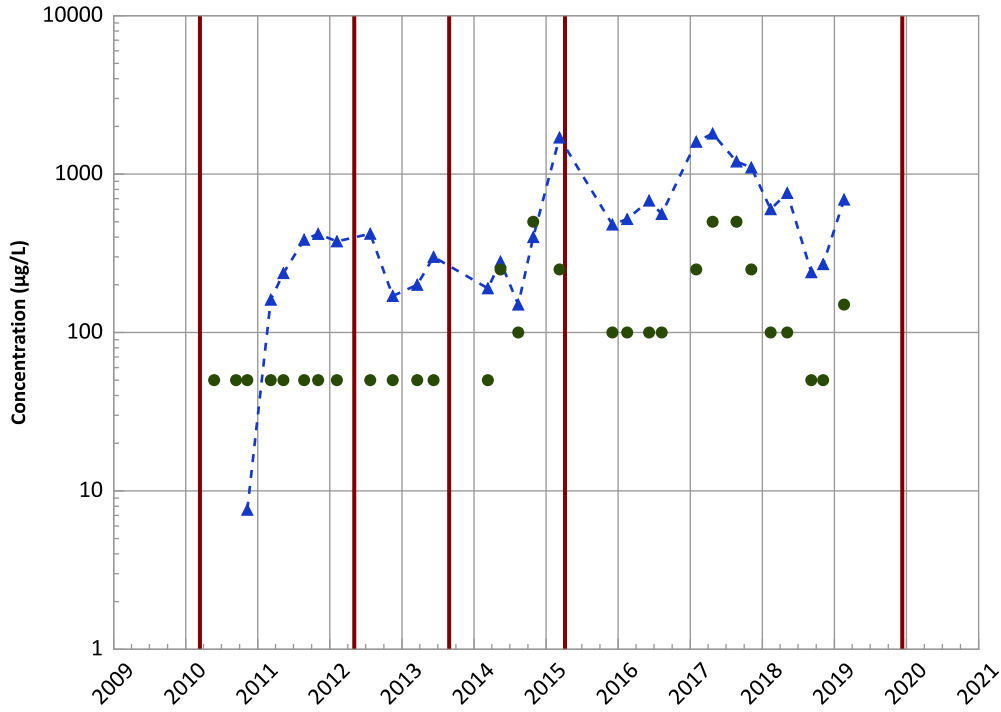


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/27/2009 to 04/17/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

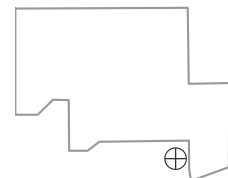
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

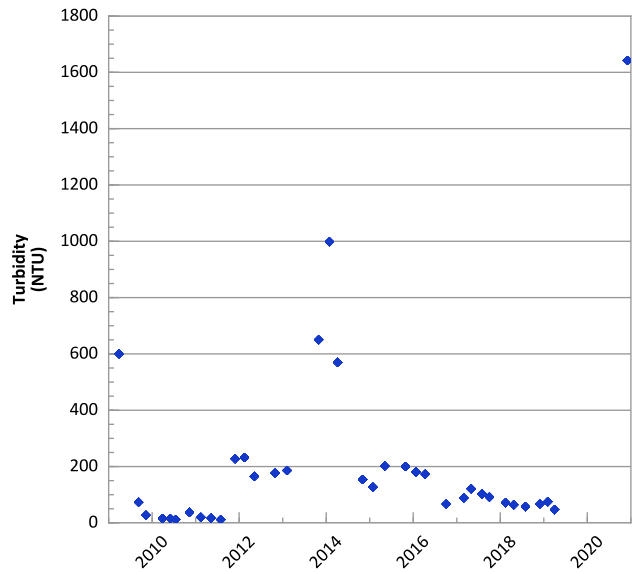
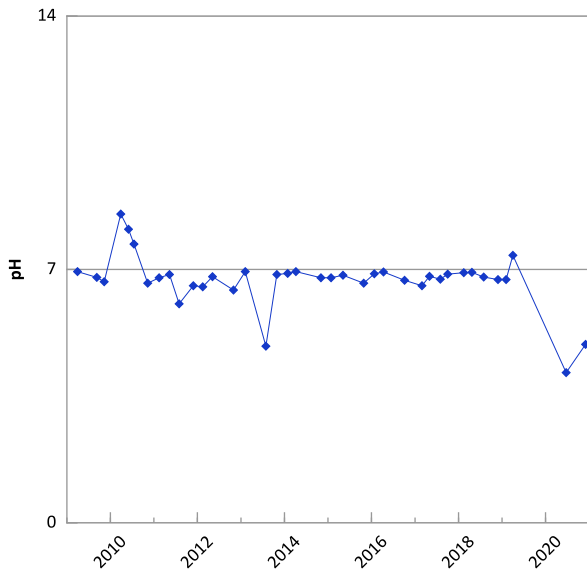
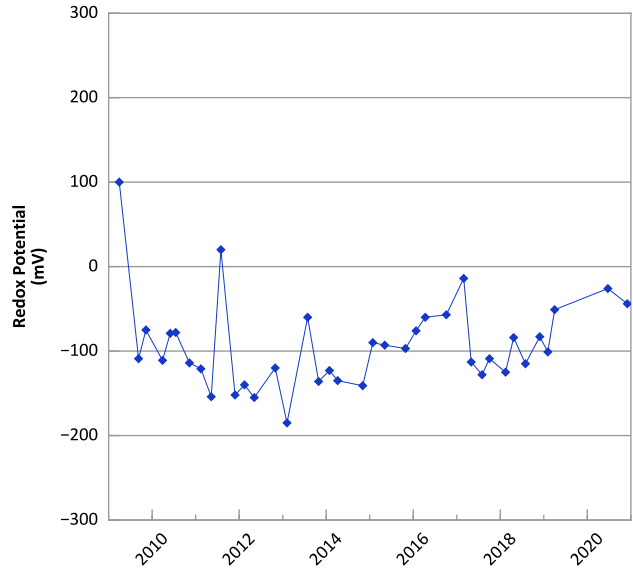
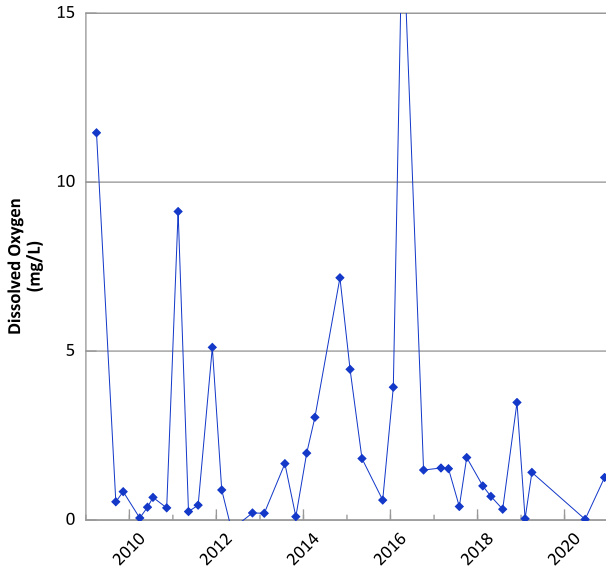
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/27/2009 to 04/17/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

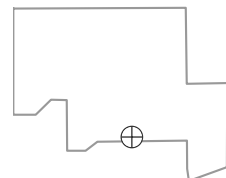


**PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



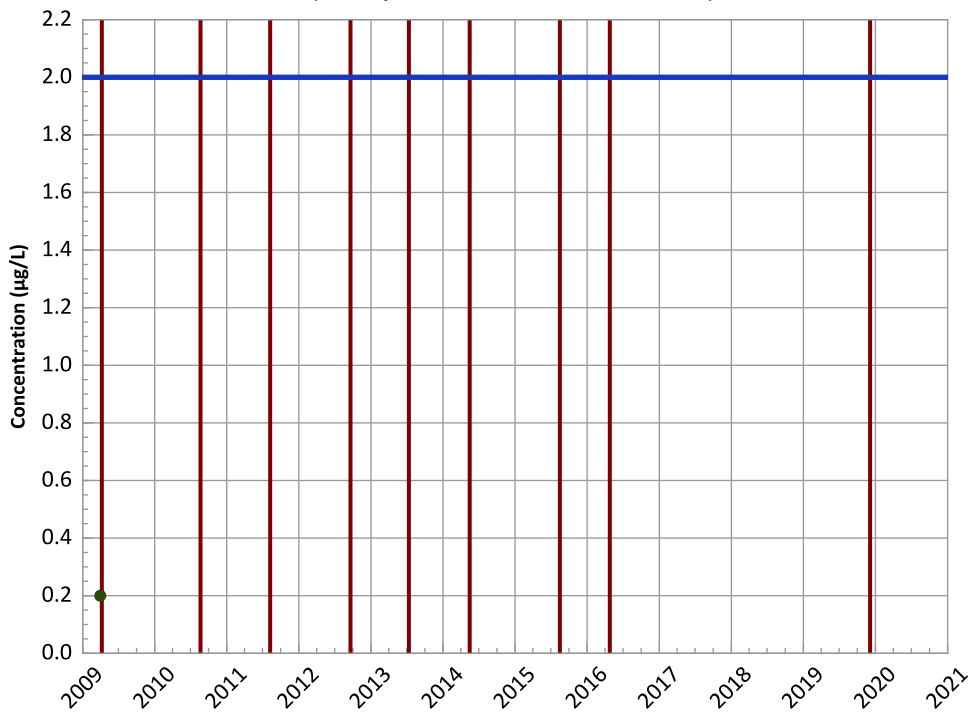
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/31/2009 to 12/02/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

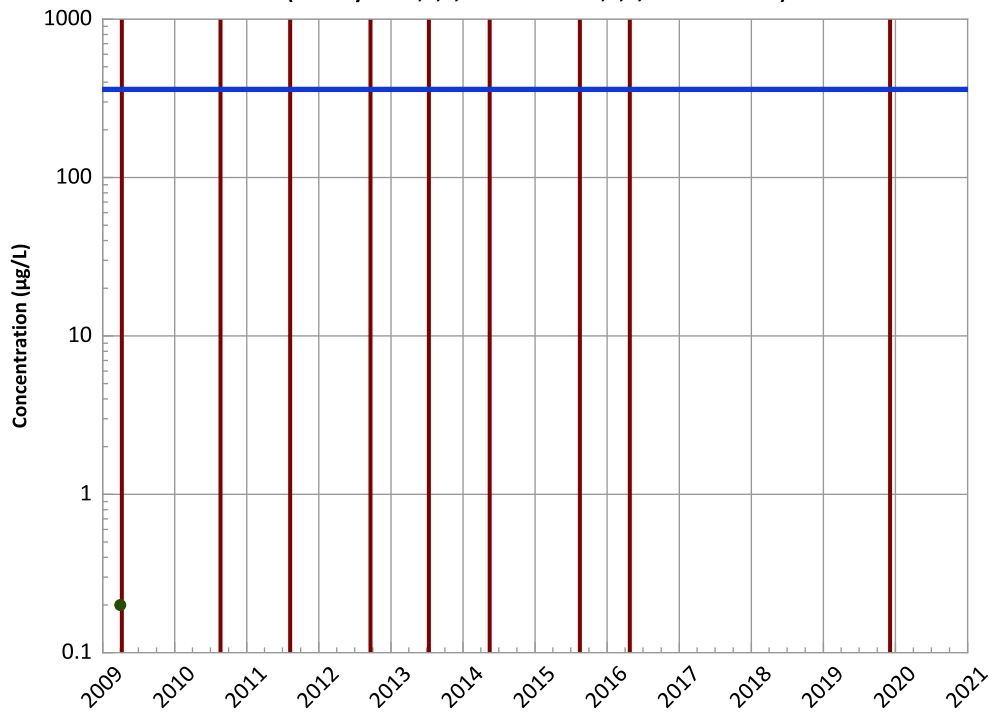


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

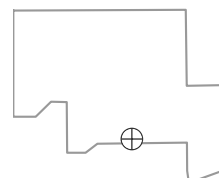


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

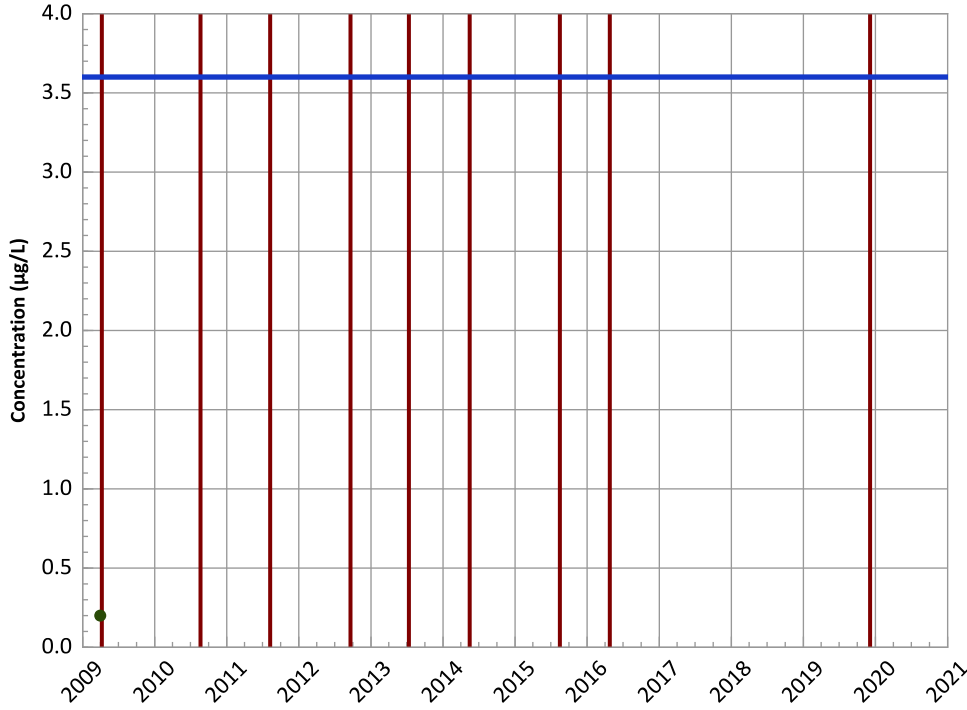


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

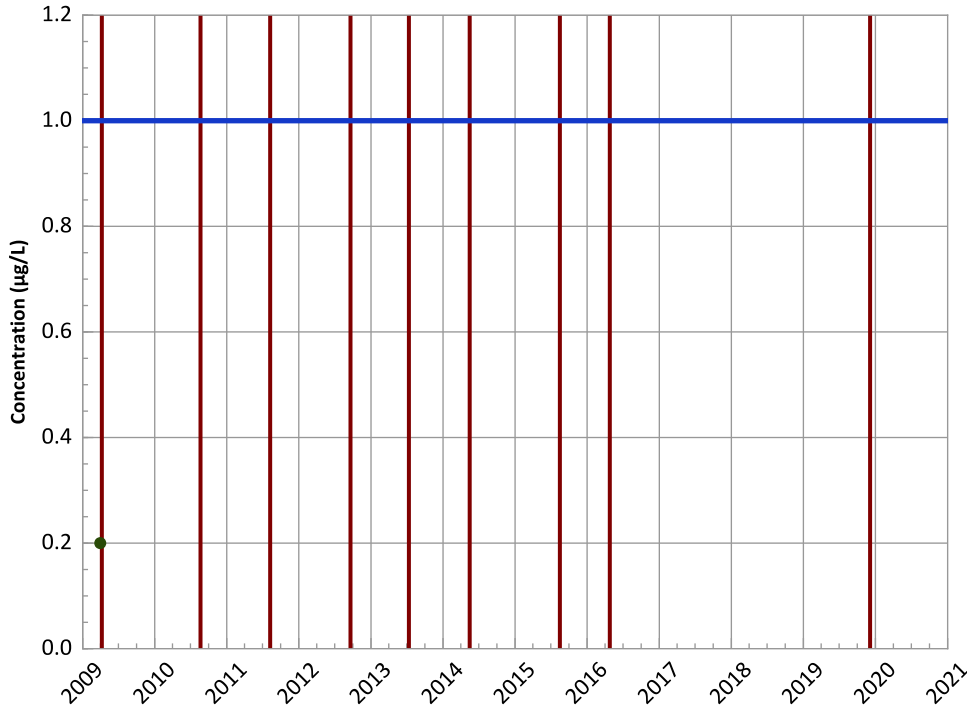
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

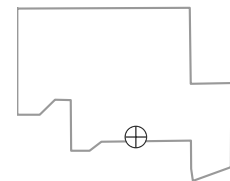
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

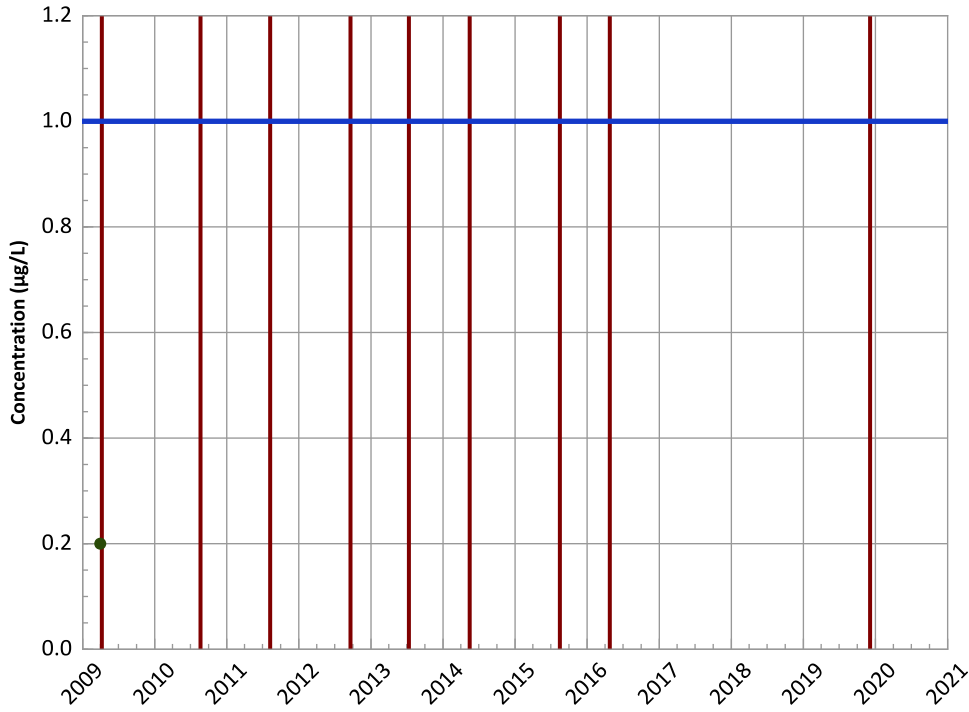


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

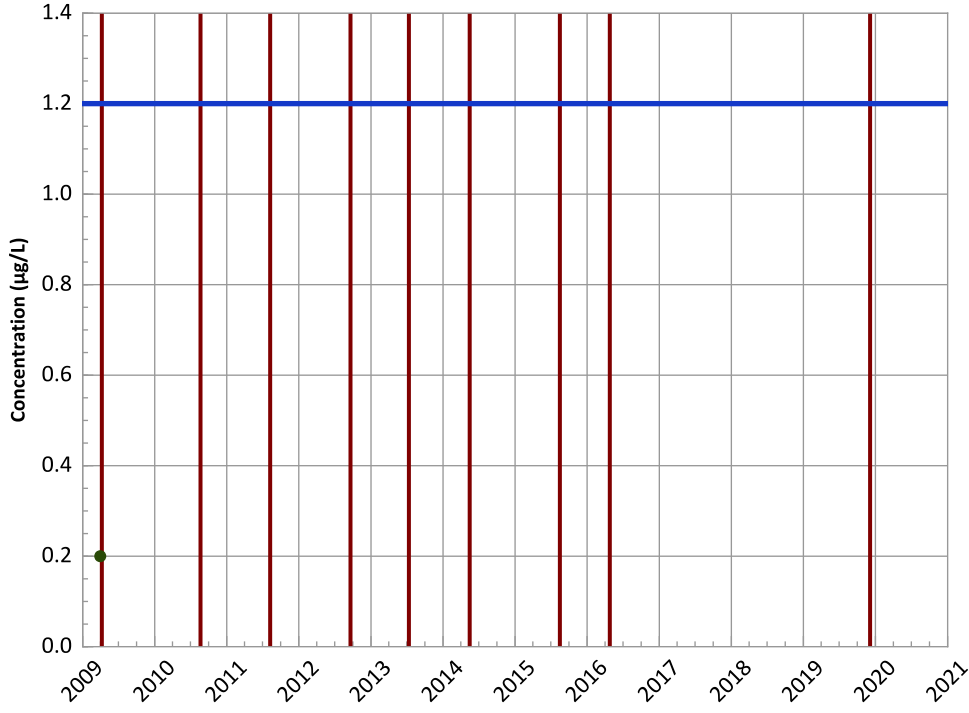
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

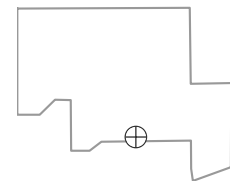
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

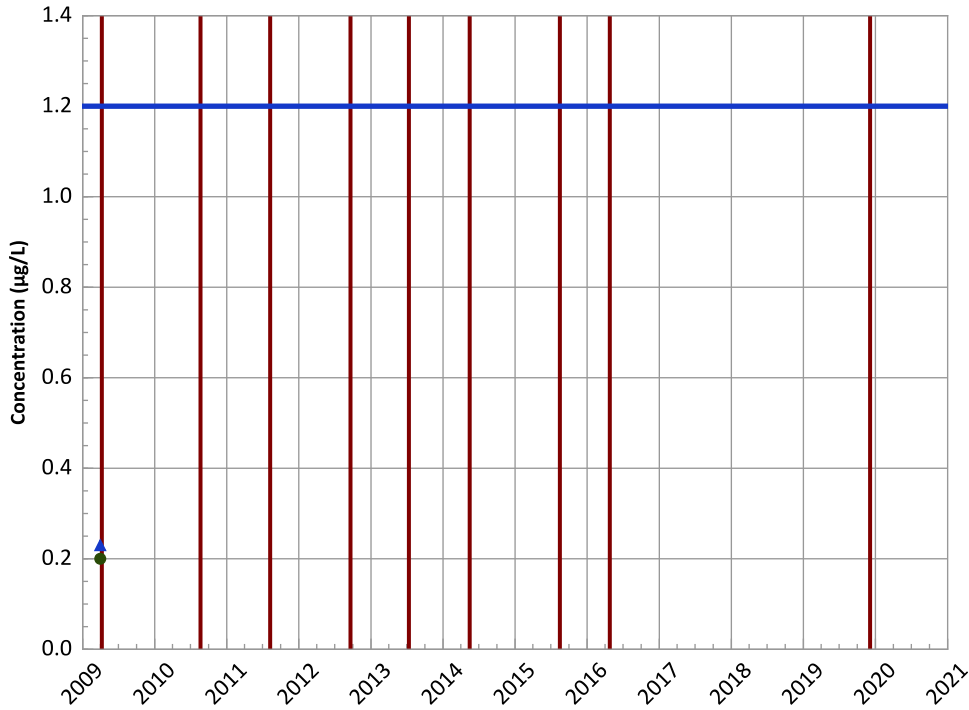


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

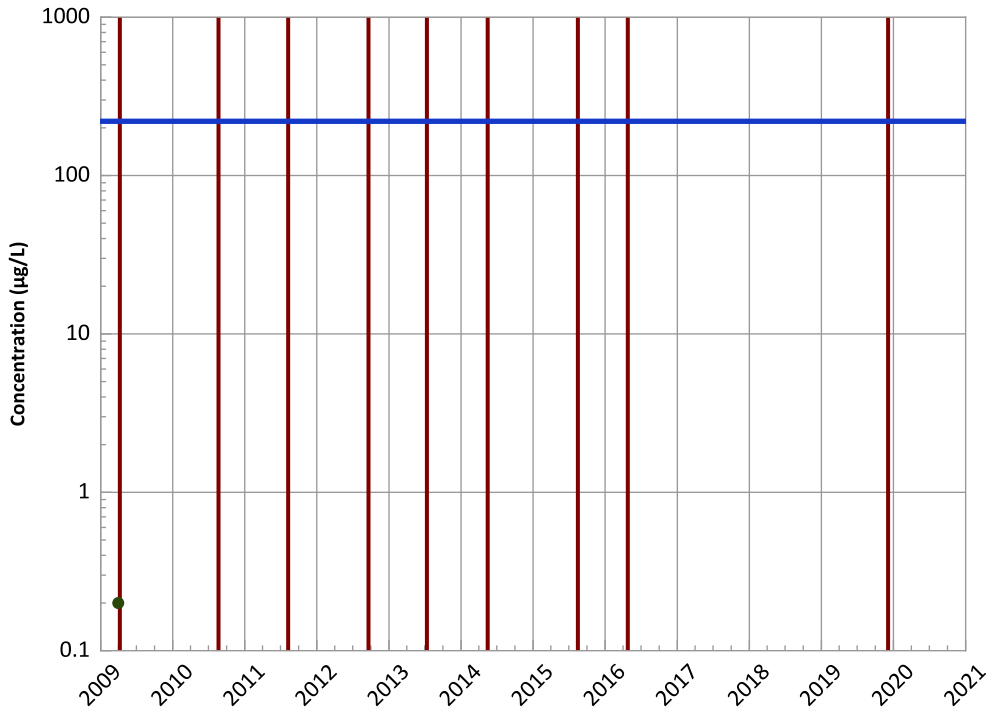
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

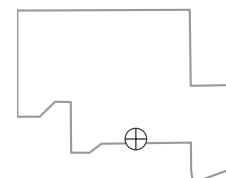
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

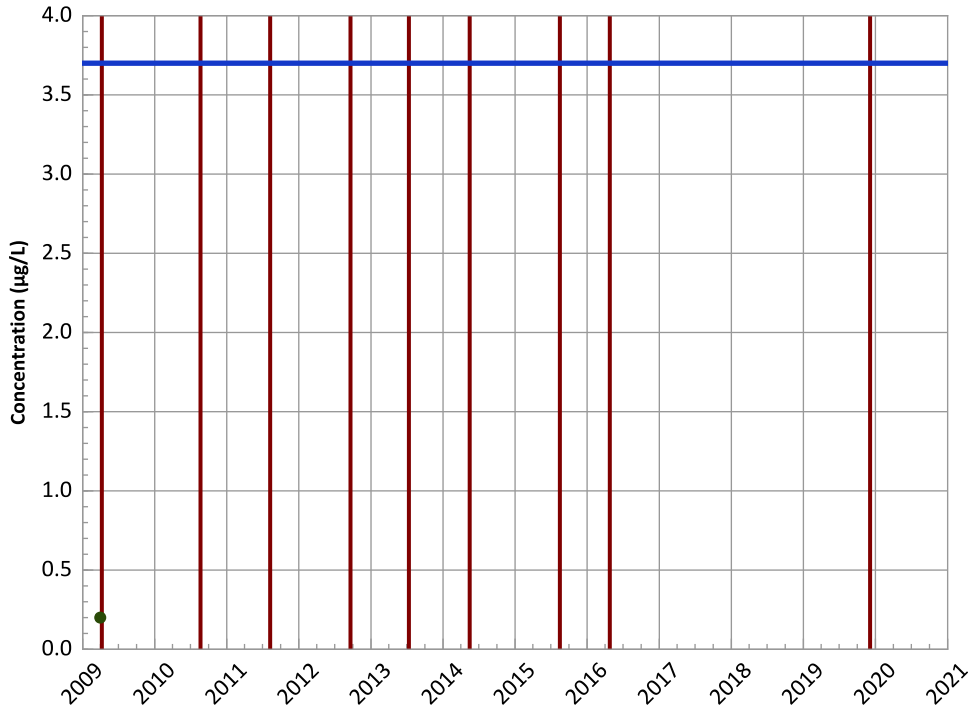


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

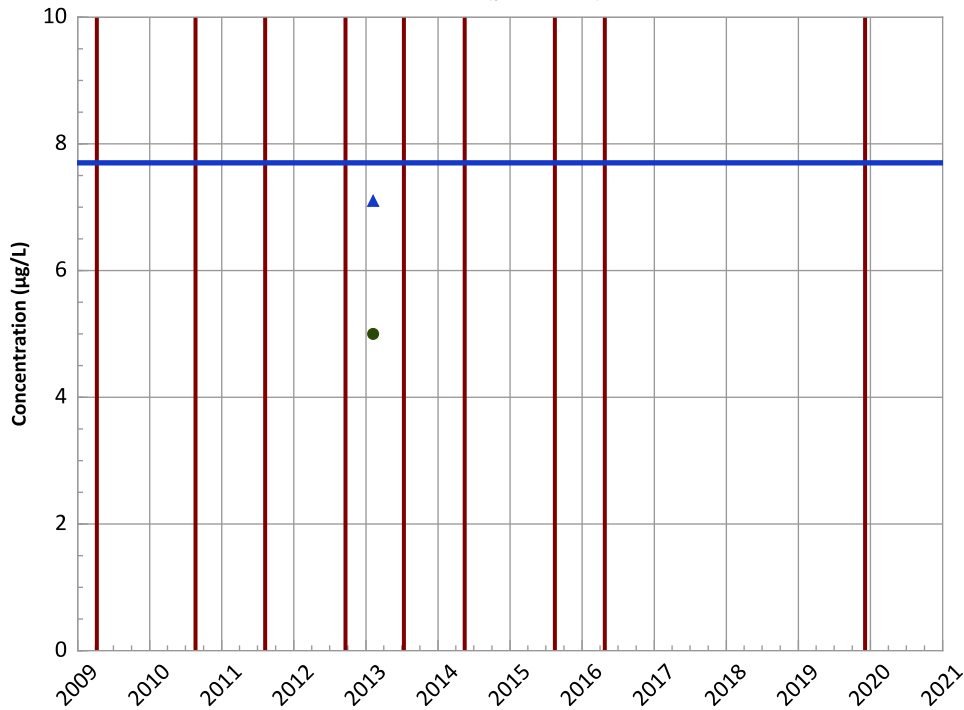
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

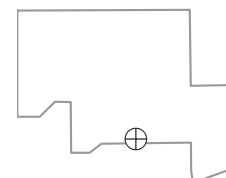
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

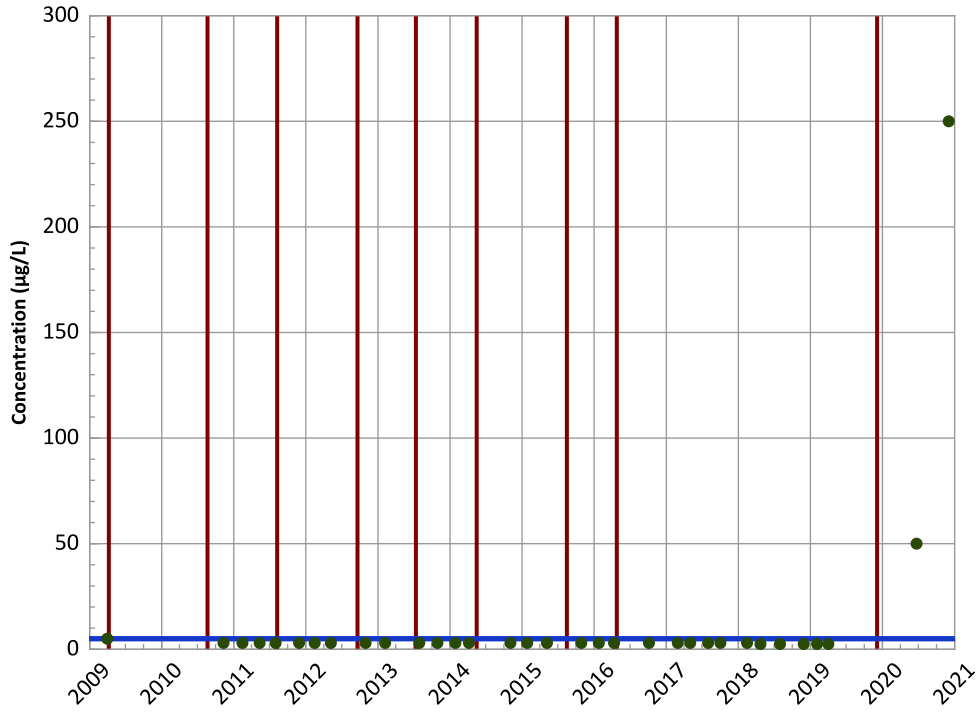


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

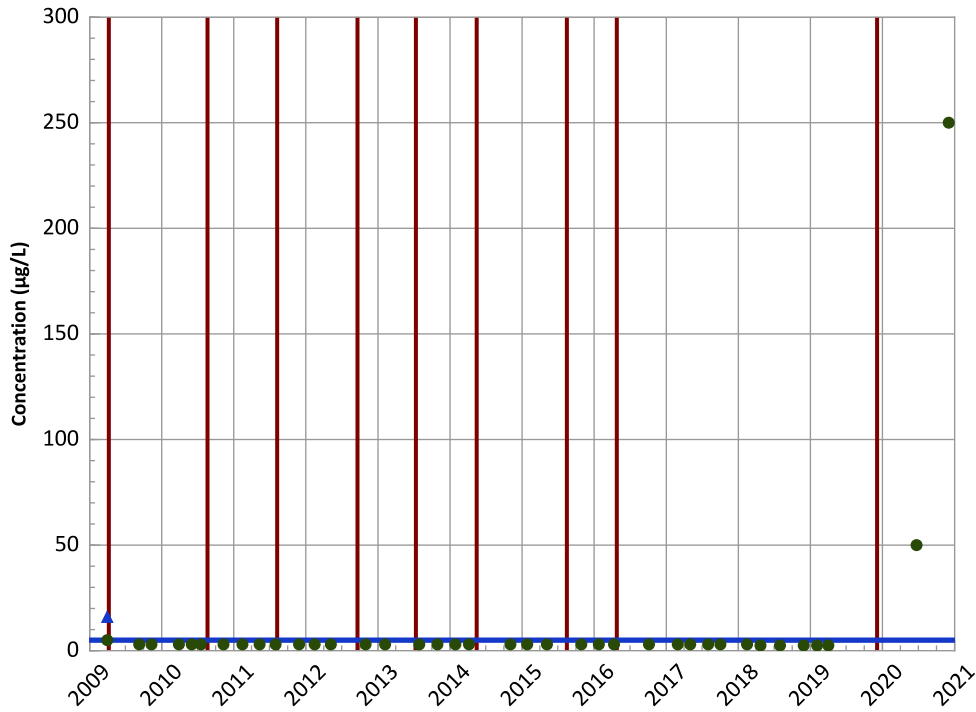
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

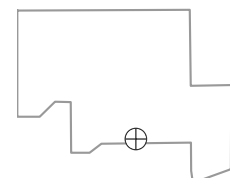
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

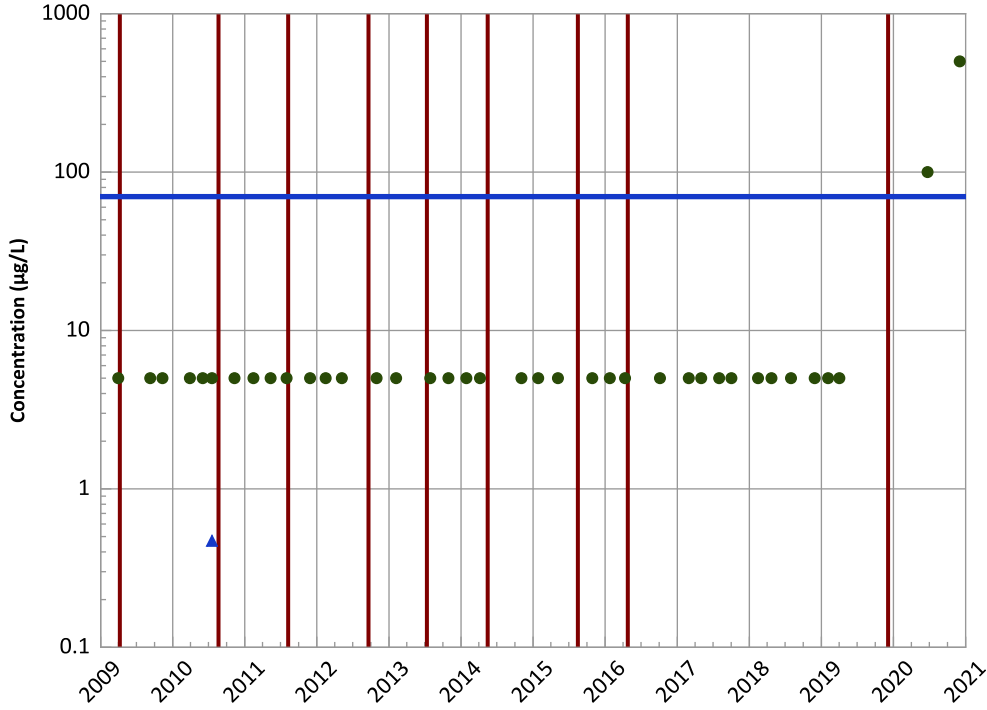


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

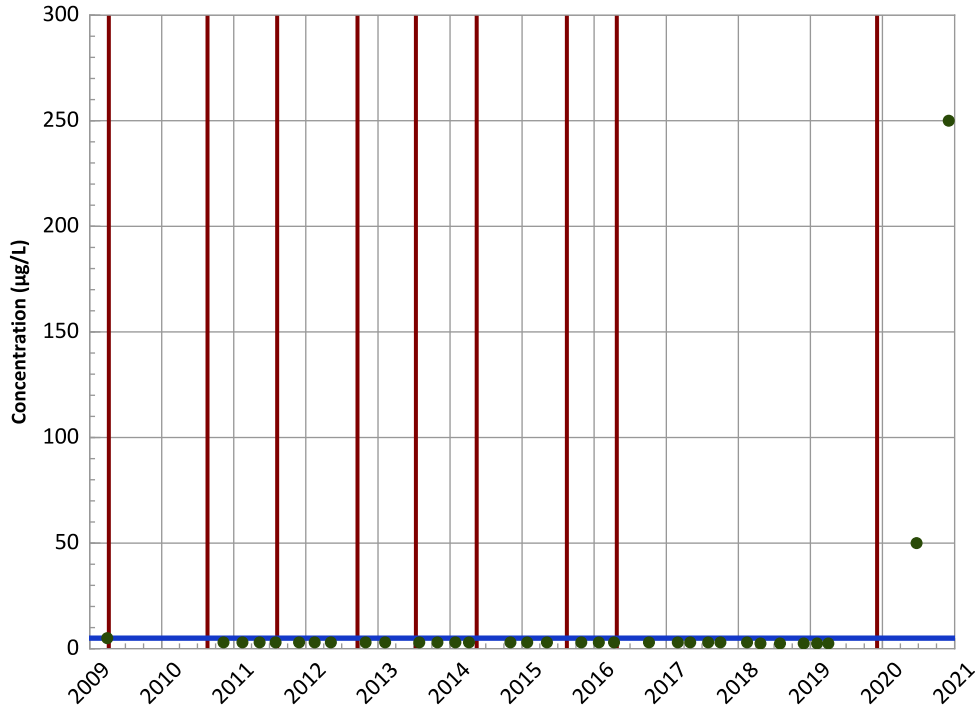


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend

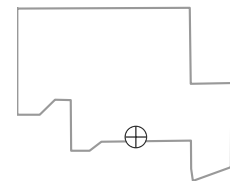


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

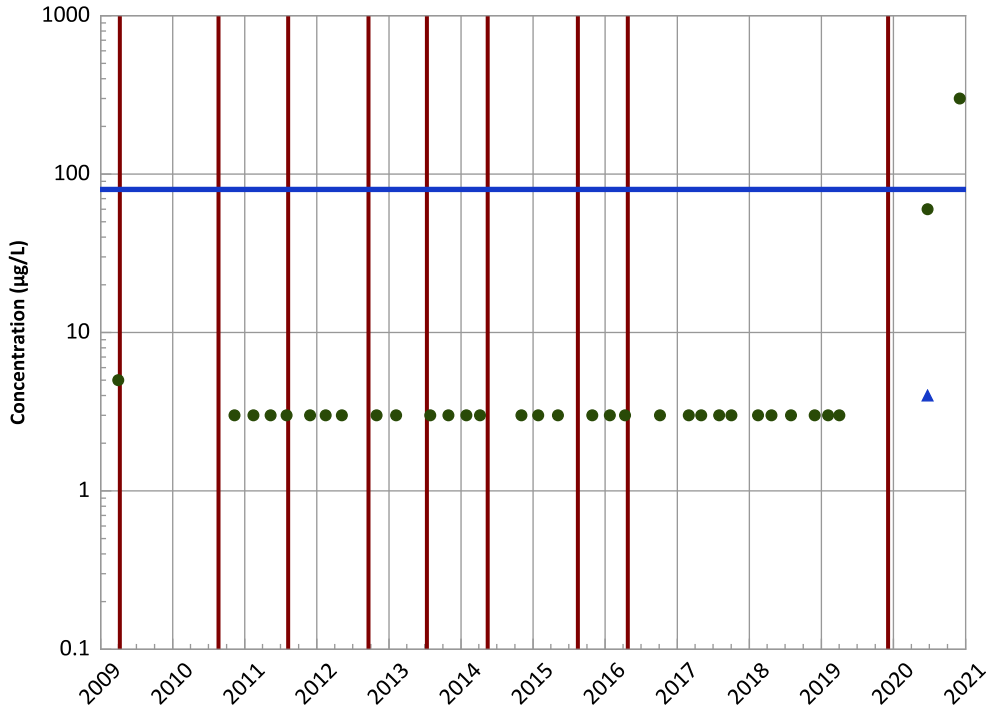


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

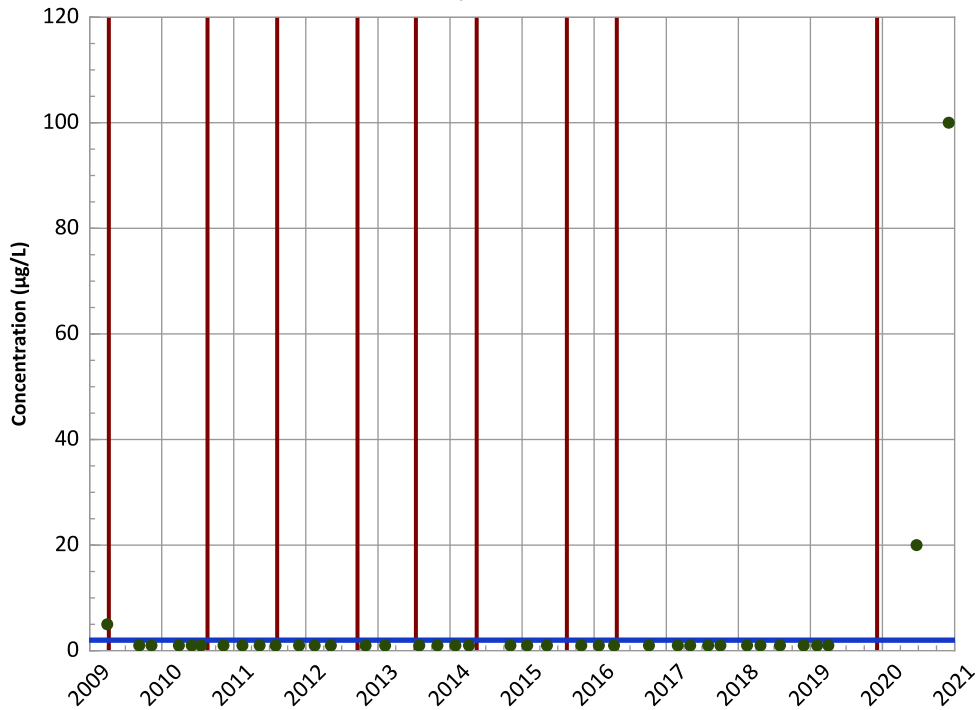


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend

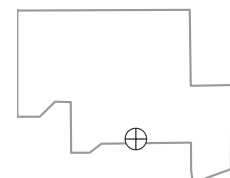


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

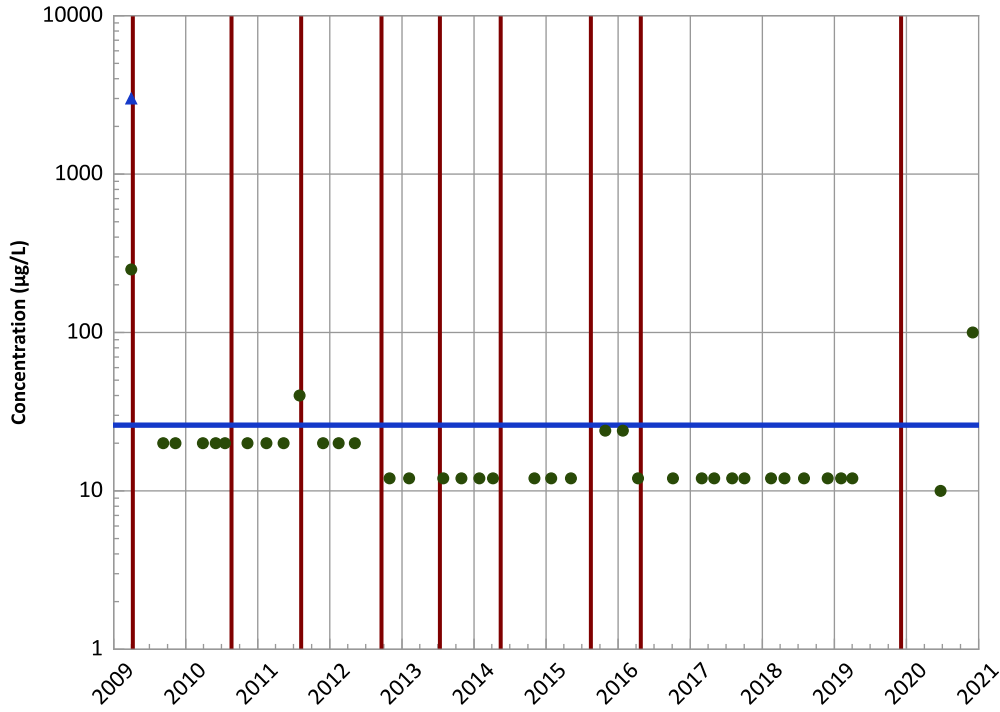


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

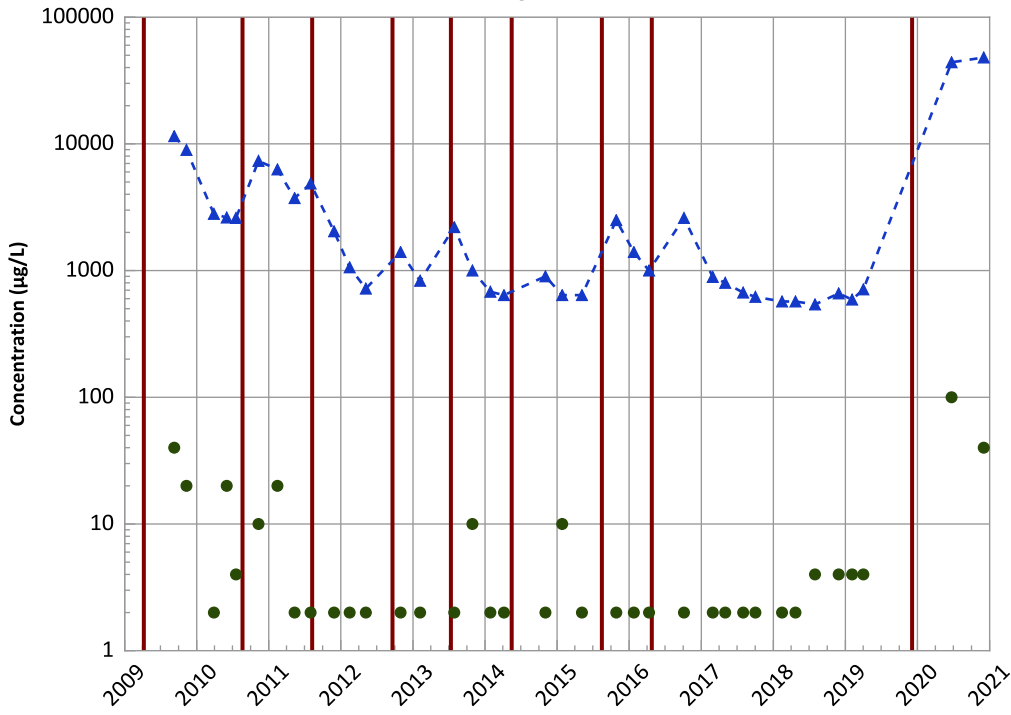
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

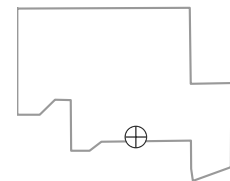
Perchlorate Trend



Manganese Trend



Well Location

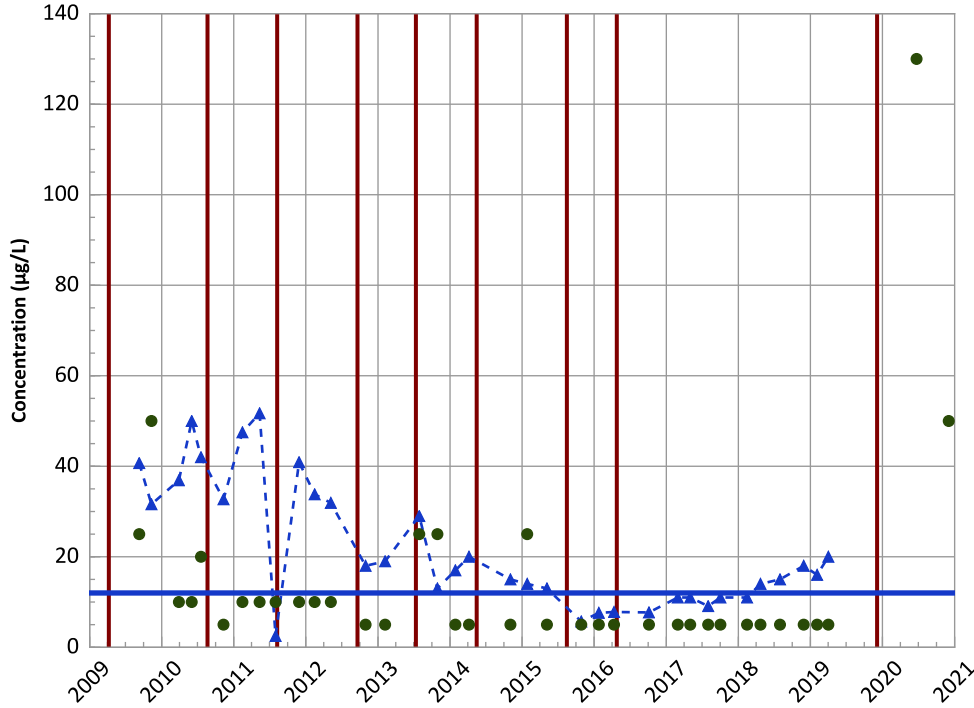


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/31/2009 to 12/02/2020
 Analysis Date: 06/03/2021

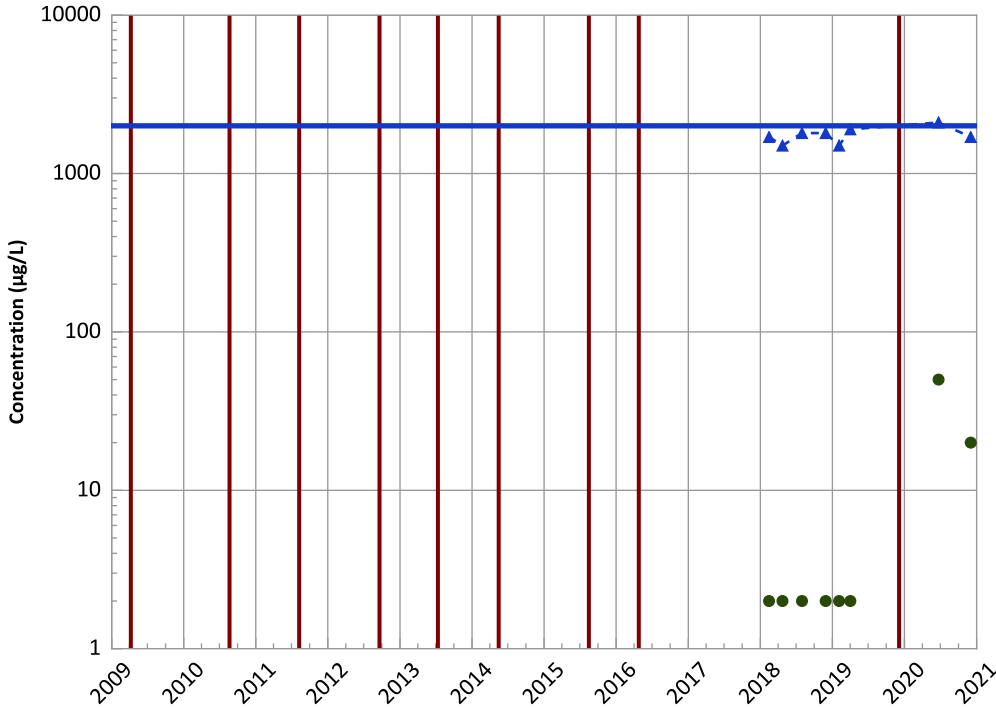
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

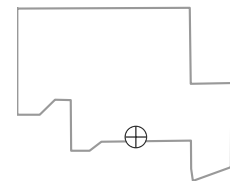
Arsenic Trend



Barium Trend



Well Location

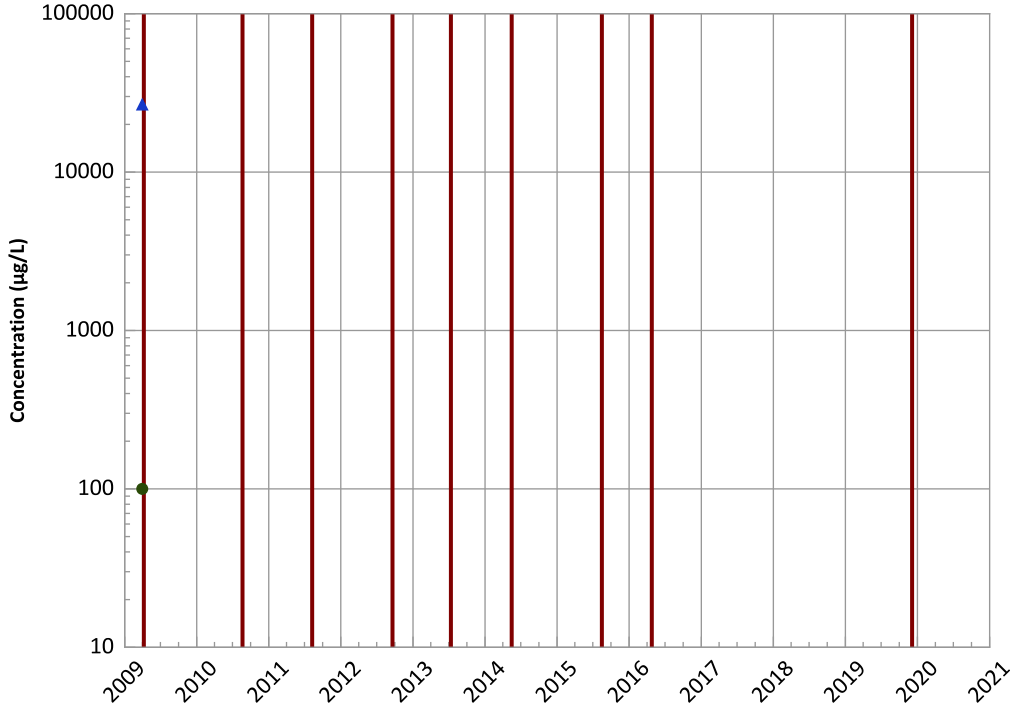


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/31/2009 to 12/02/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

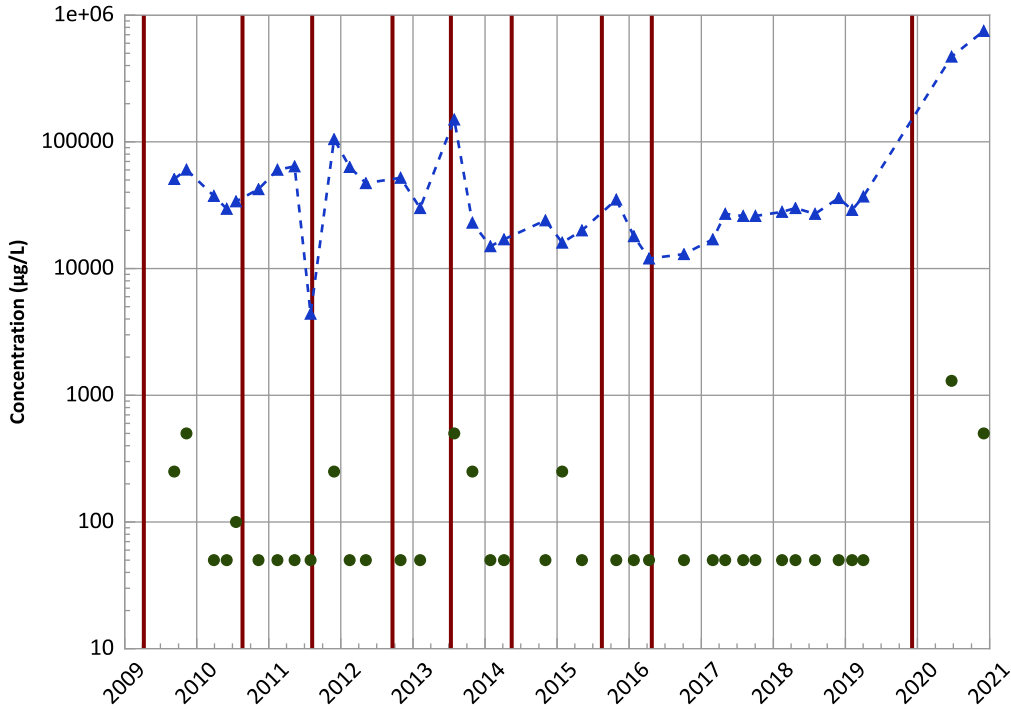
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Increasing

MAROS Linear Regression Method

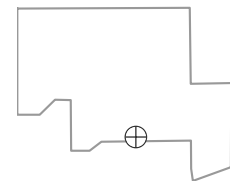
Data (7/2009 - 12/2020):

No Trend

2018 - 2020 Data:

Increasing

Well Location

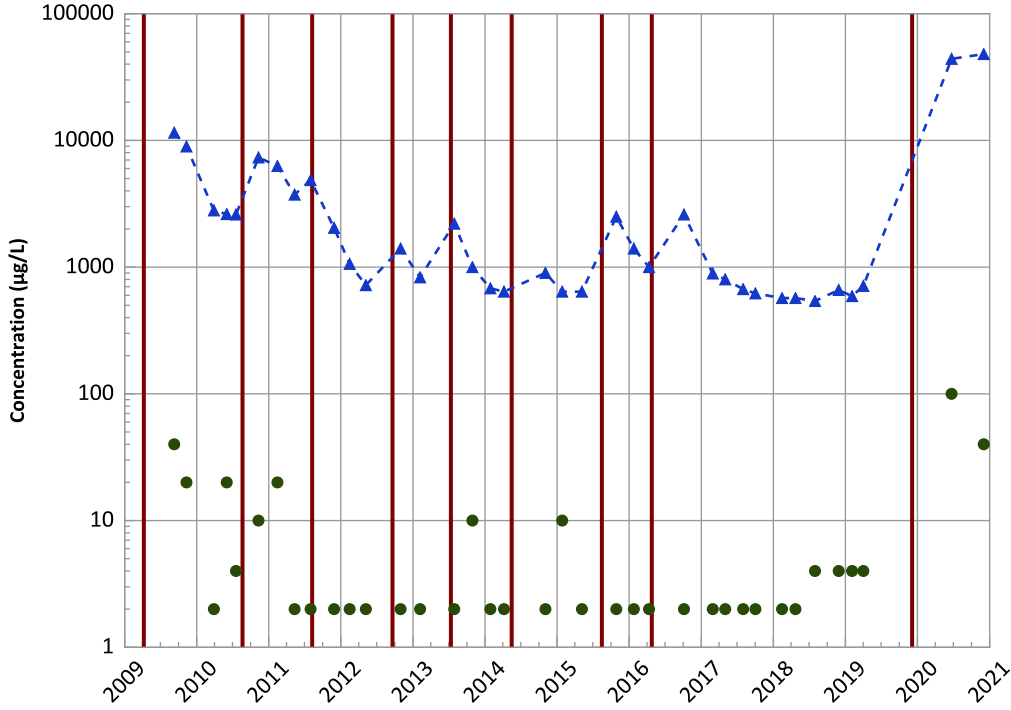


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Increasing' 'Increasing

MAROS Linear Regression Method

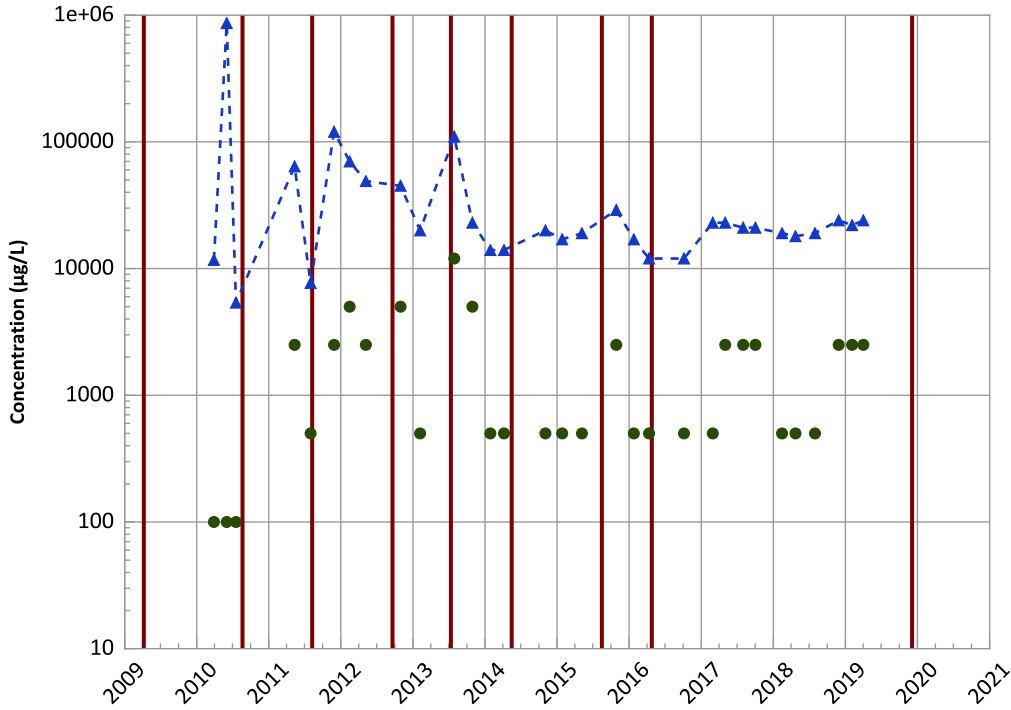
Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

Increasing' 'Increasing

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

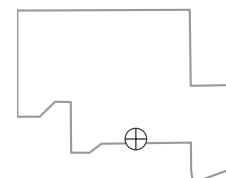
Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

No Trend

Well Location

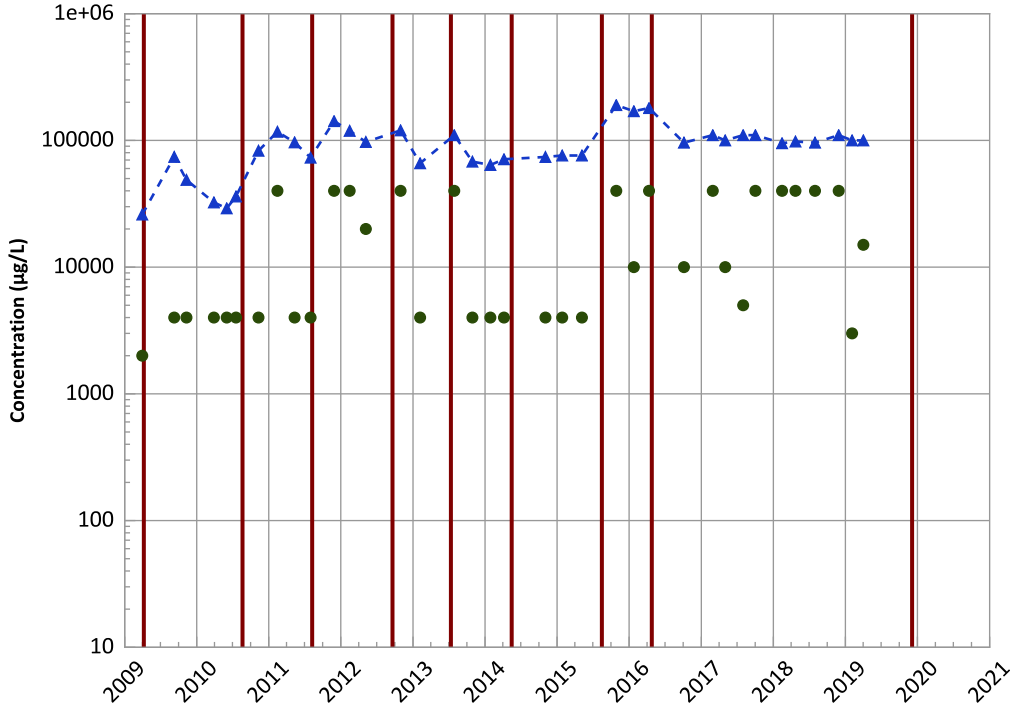


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

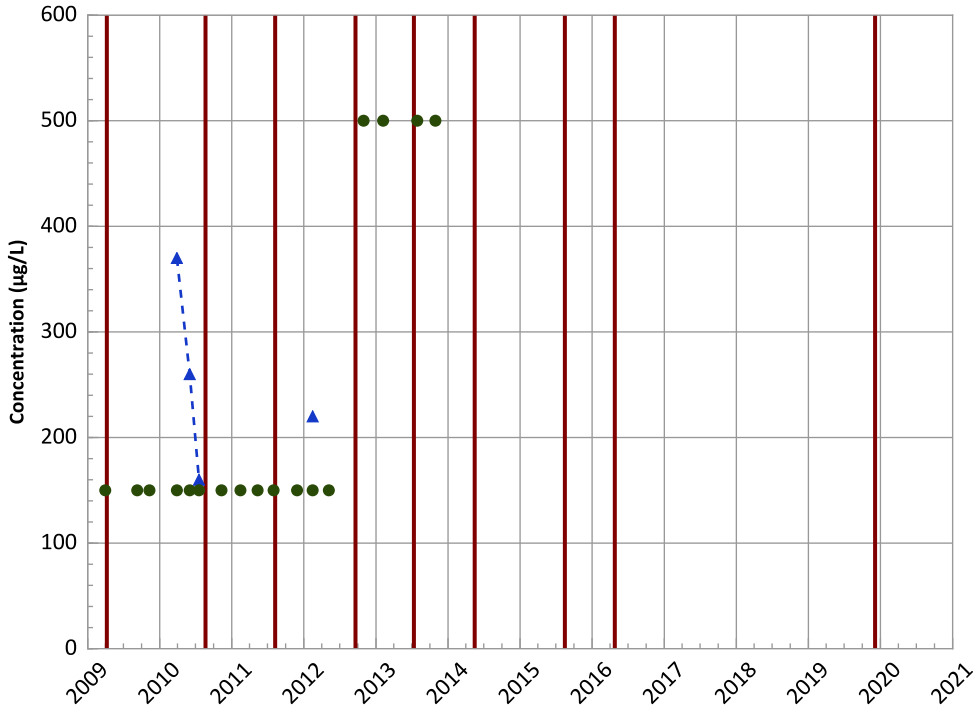


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Chlorate Trend

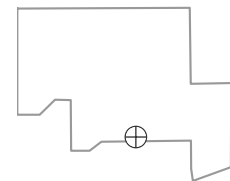


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
Stable

Well Location

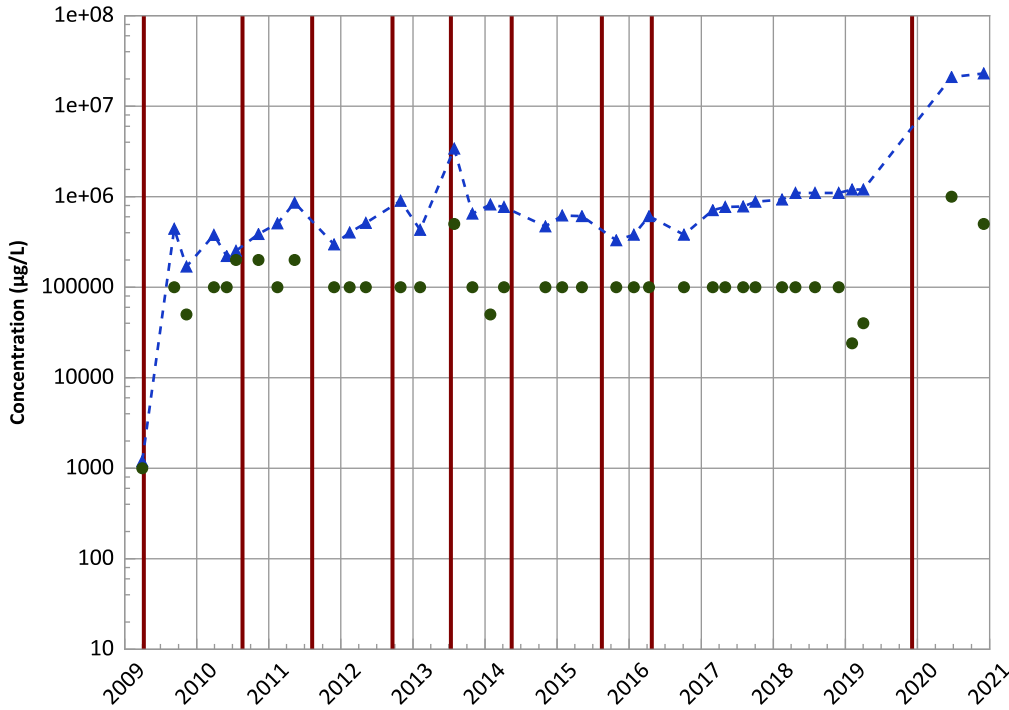


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

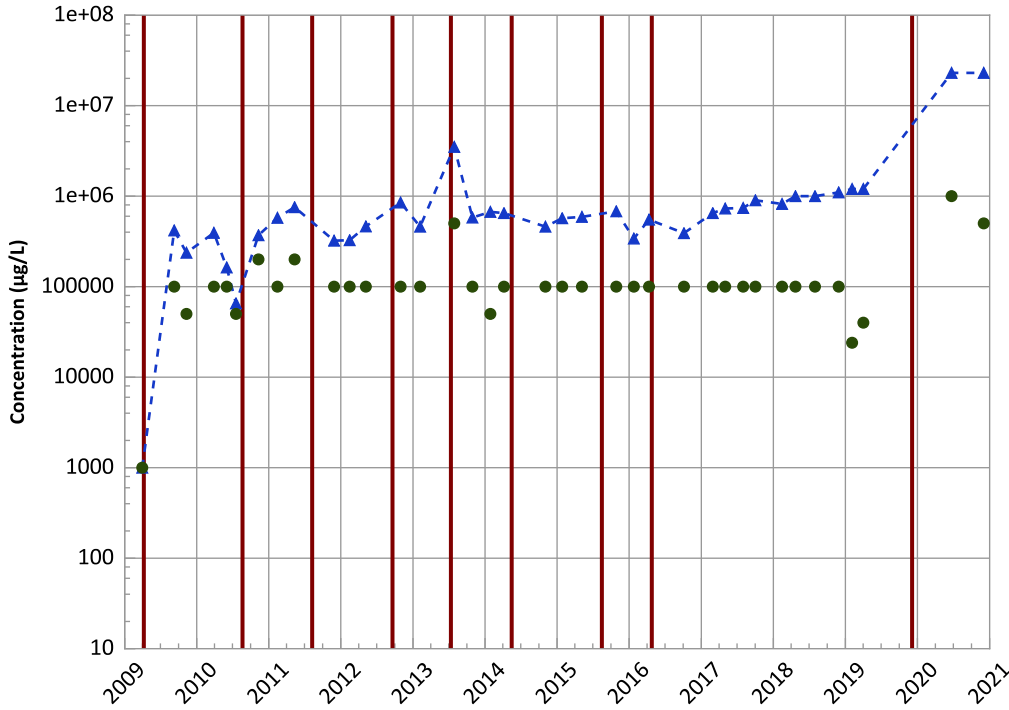


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Probably Increasing

Dissolved Organic Carbon (DOC) Trend

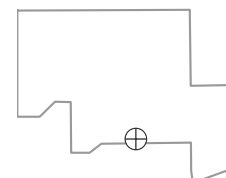


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Probably Increasing

Well Location

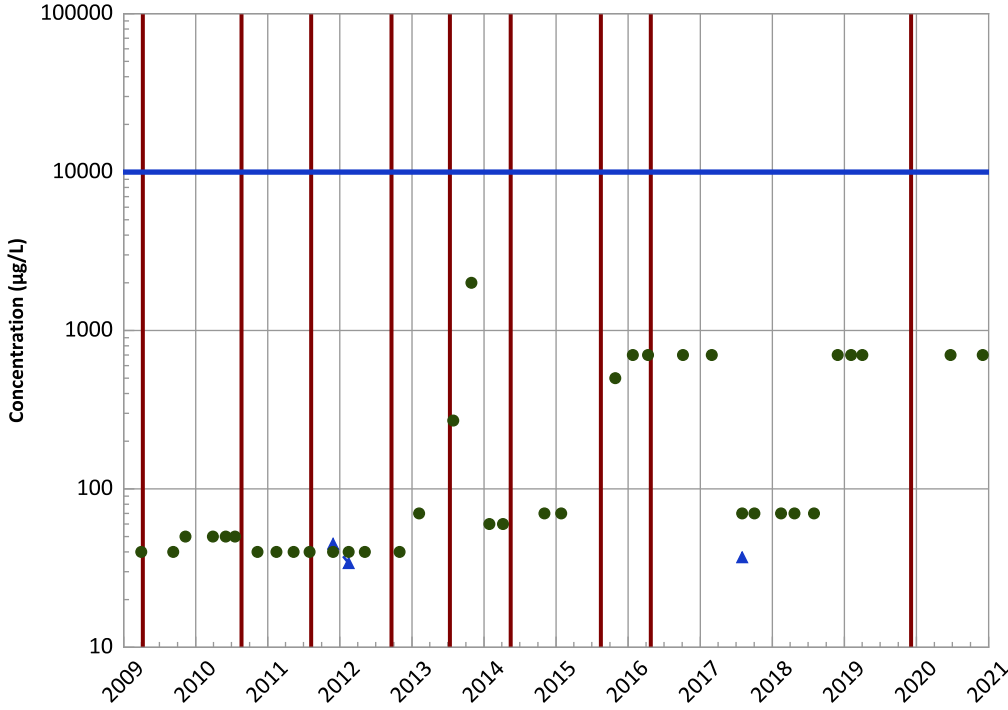


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

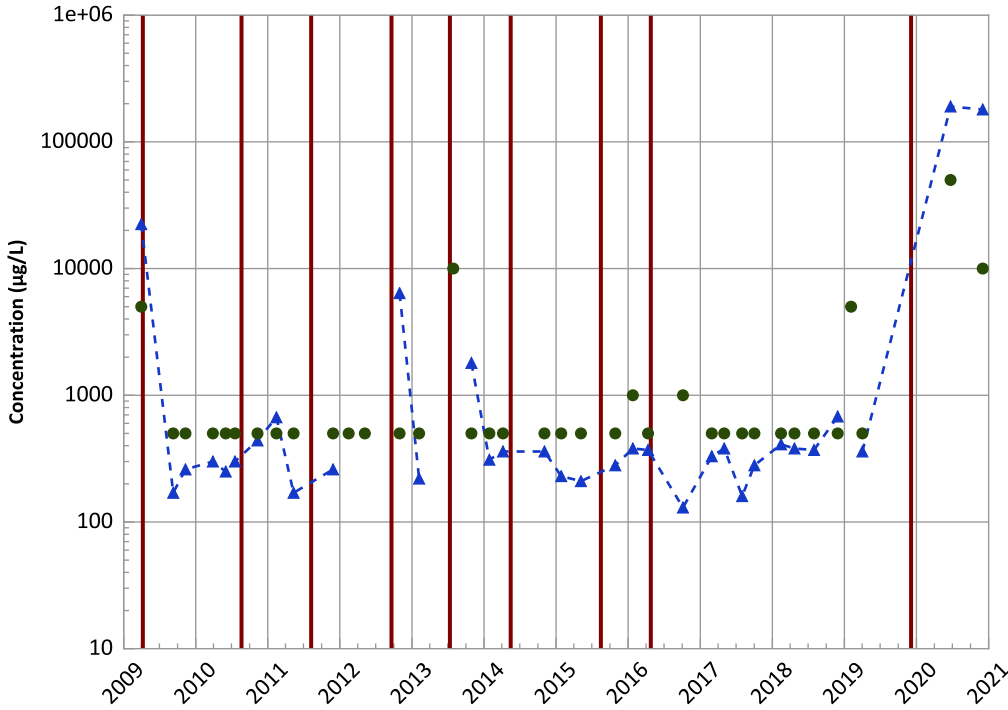
Data (7/2009 - 12/2020):

No Trend

2018 - 2020 Data:

Stable

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

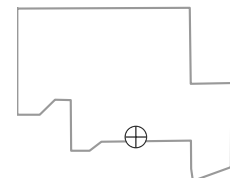
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

Well Location

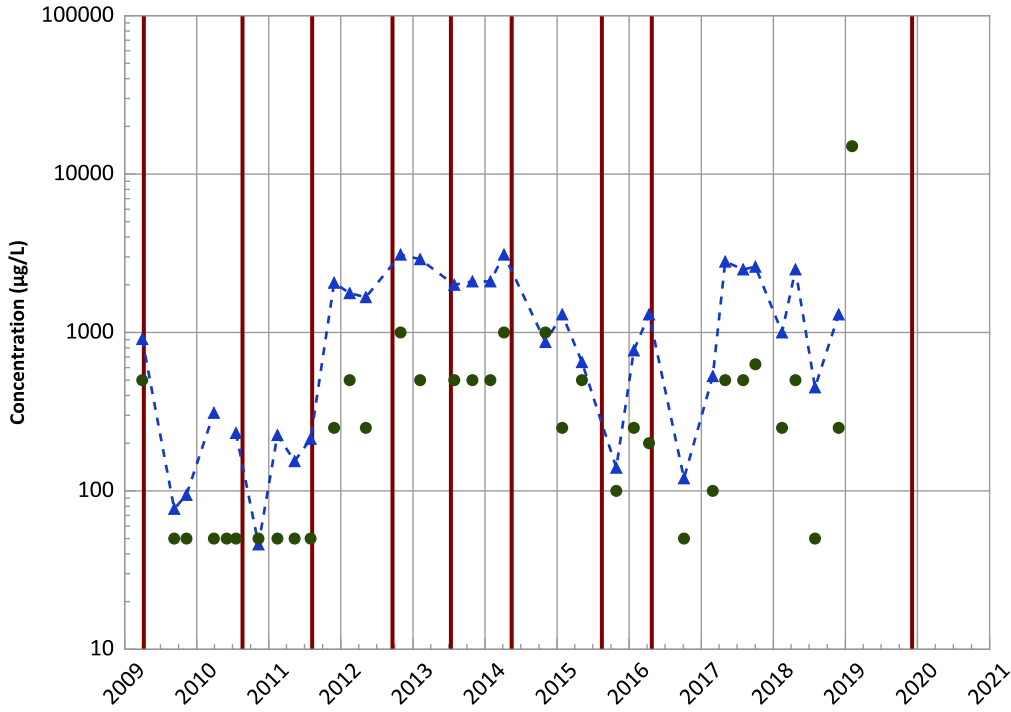


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

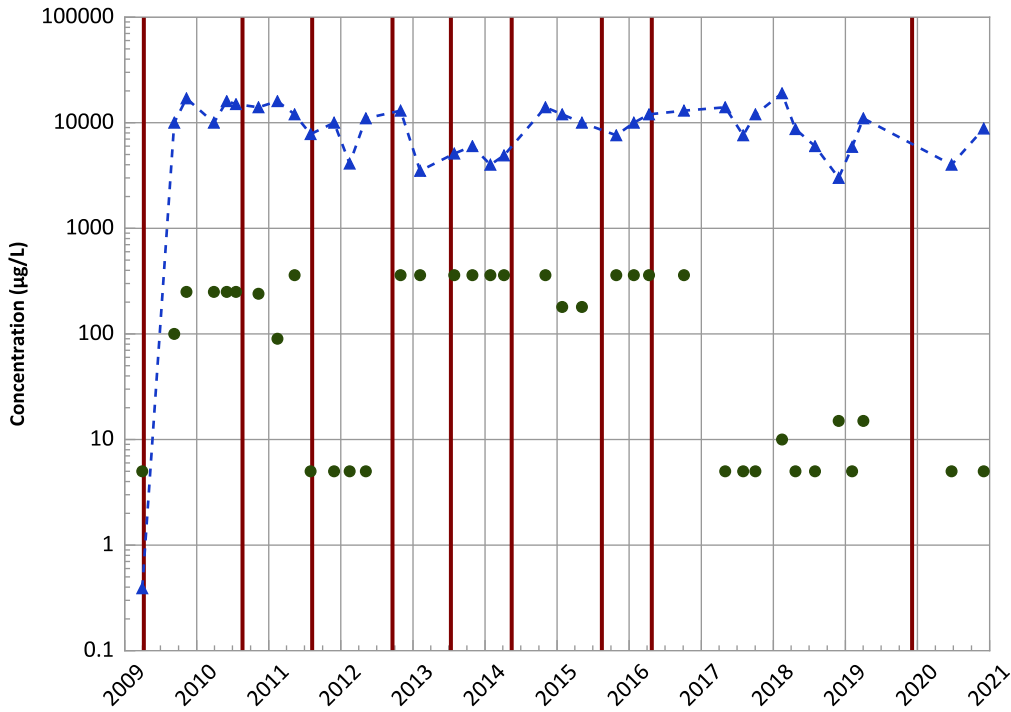
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Stable

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Stable

MAROS Linear Regression Method

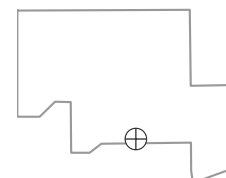
Data (7/2009 - 12/2020):

Probably Decreasing

2018 - 2020 Data:

No Trend

Well Location

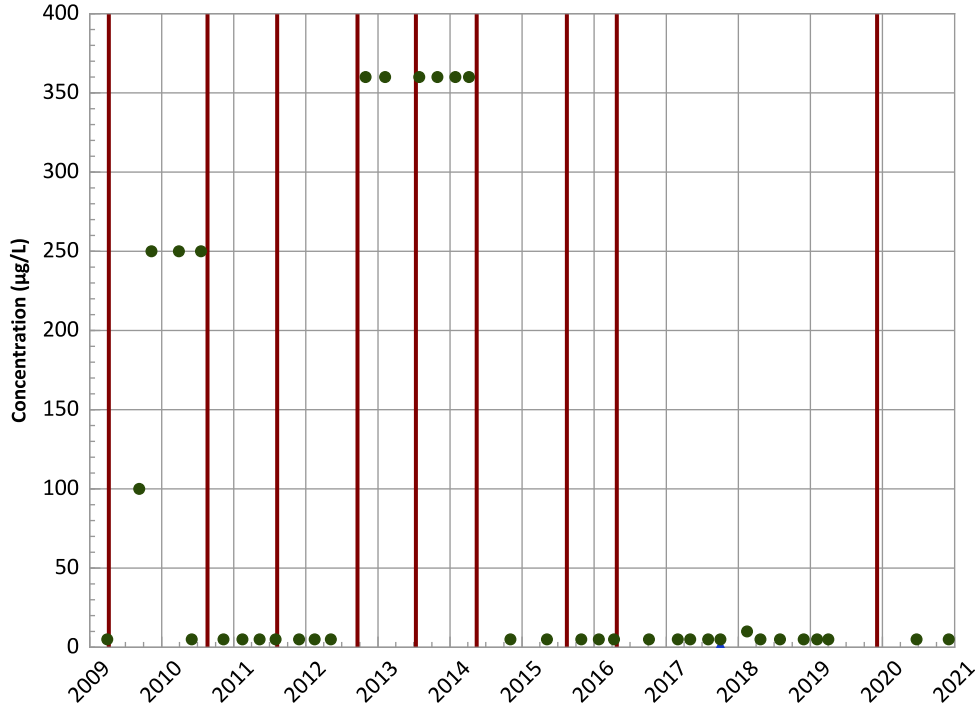


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

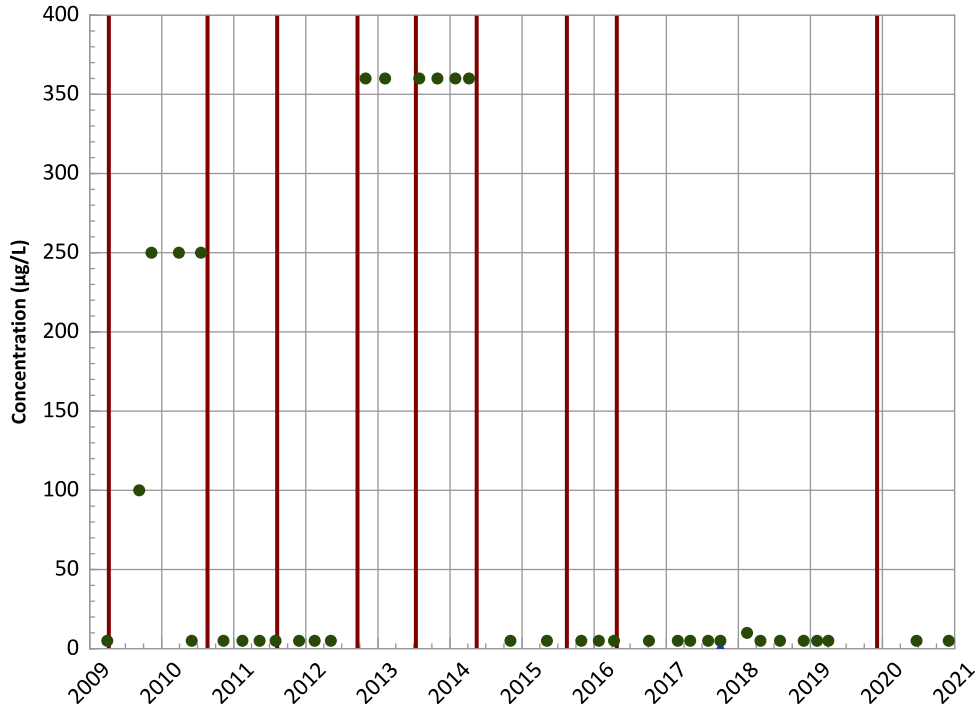


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Ethene (Ethylene) Trend

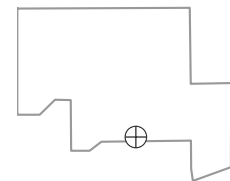


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

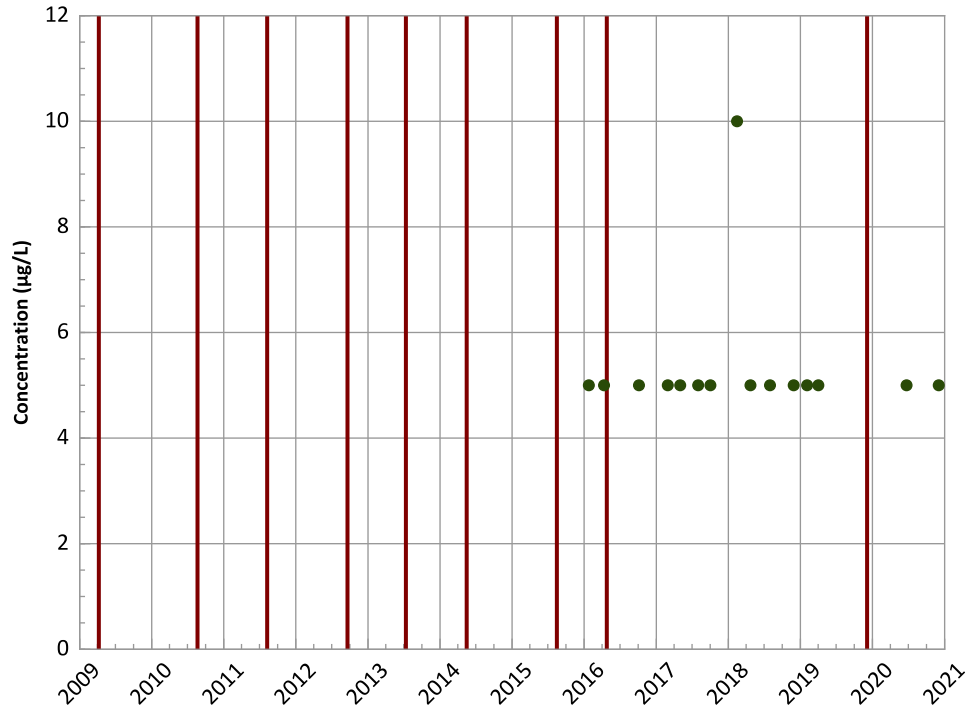


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

All Non-Detect

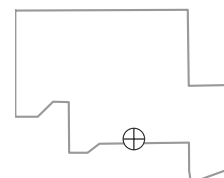
2018 - 2020 Data:

All Non-Detect

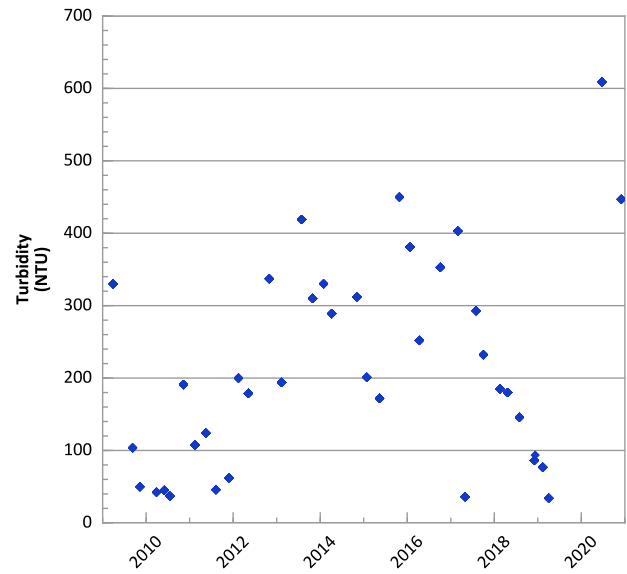
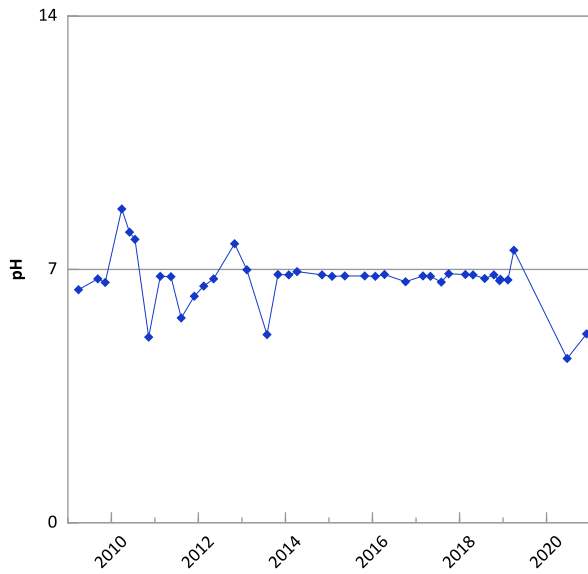
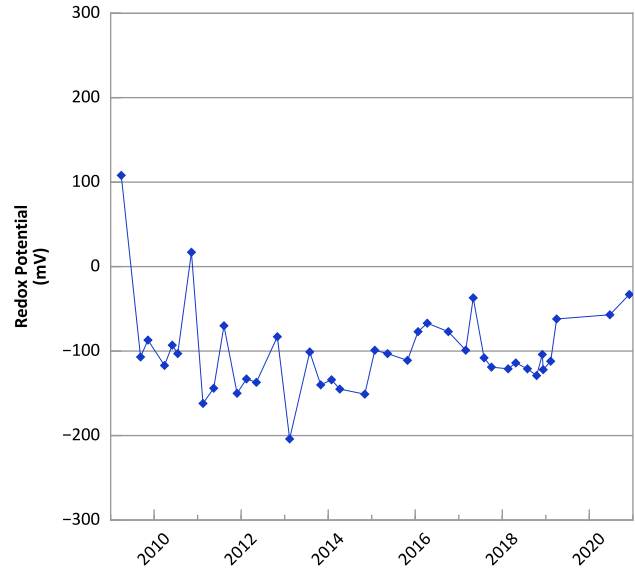
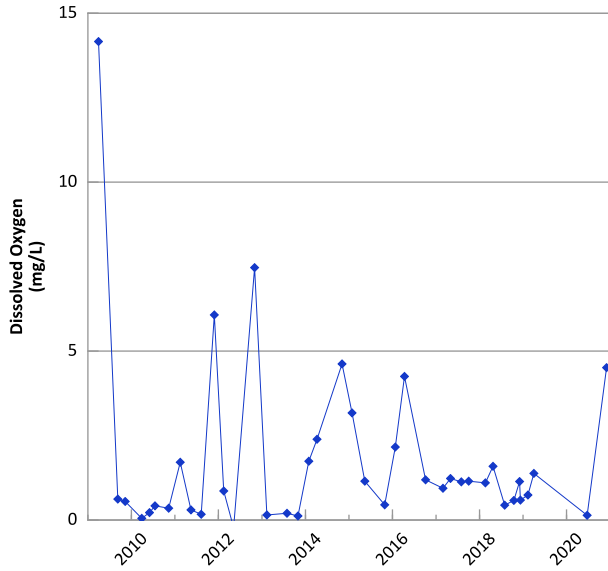
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

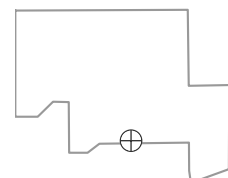


**PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



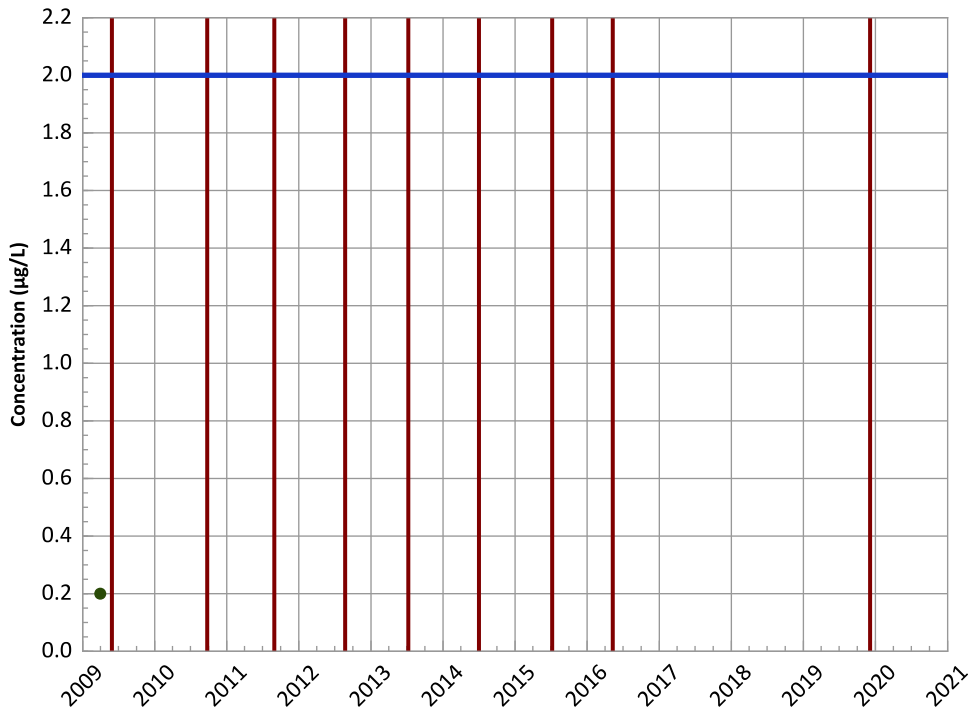
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

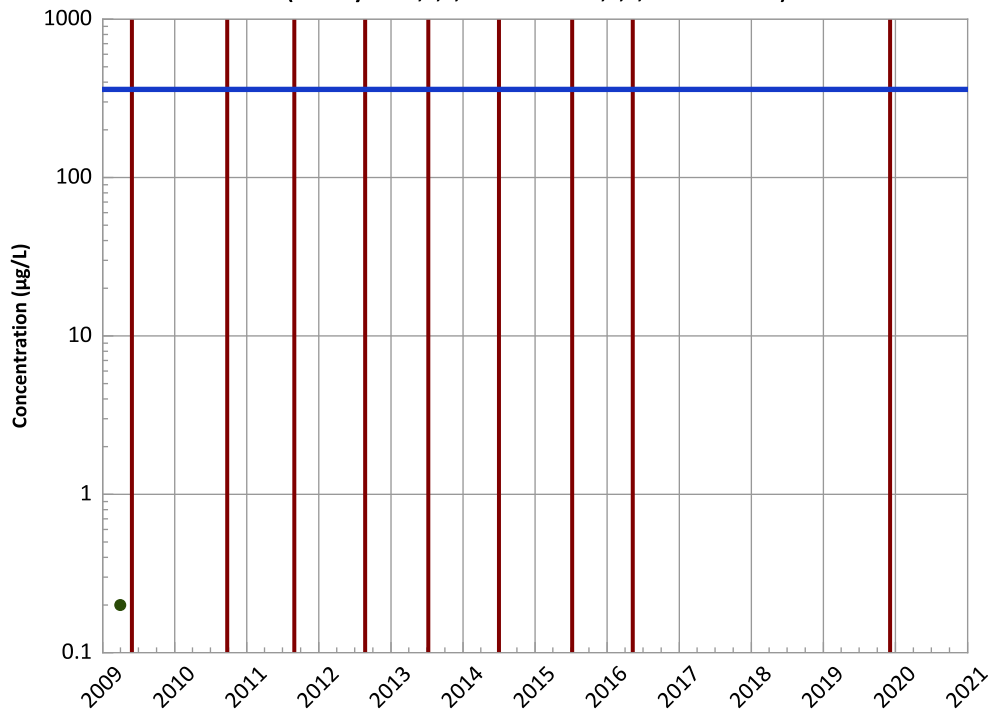


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

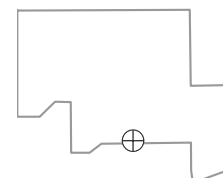


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

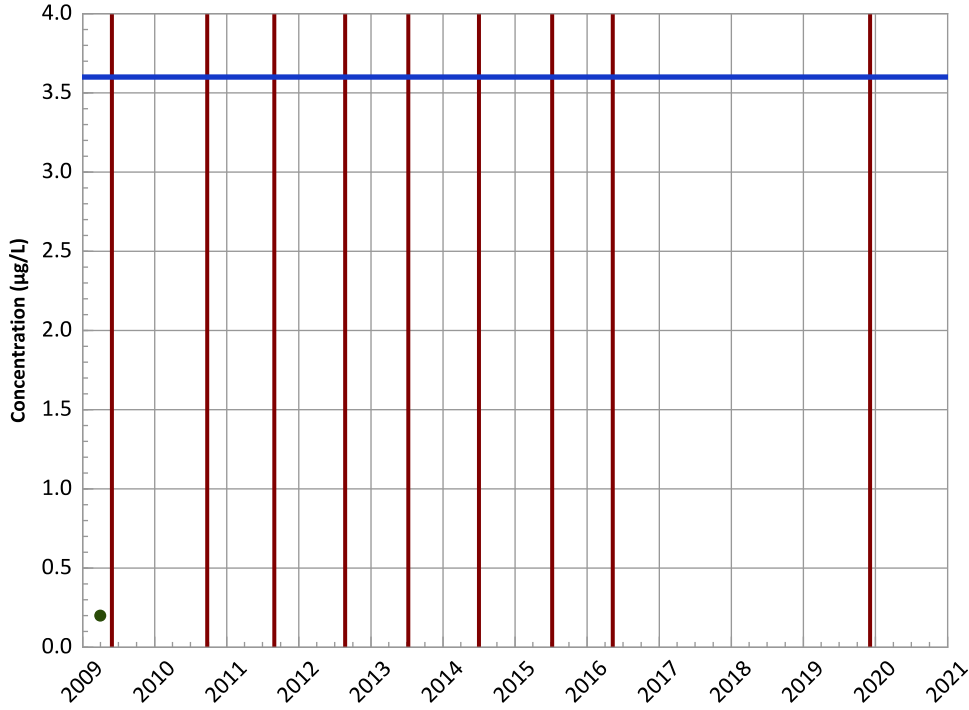


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

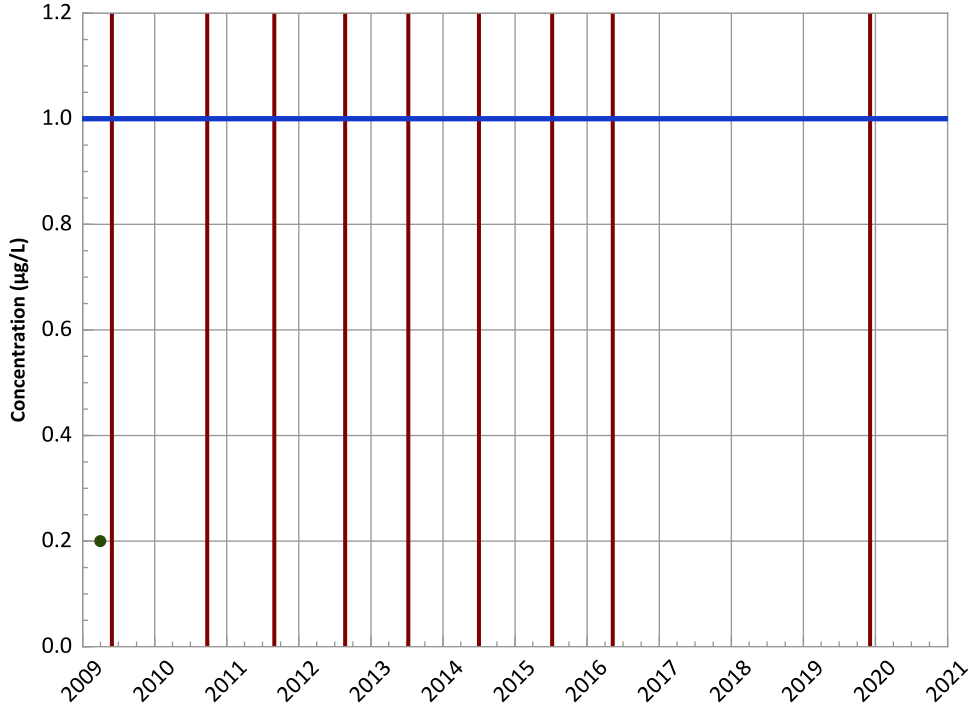
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

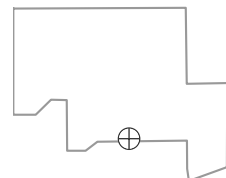
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

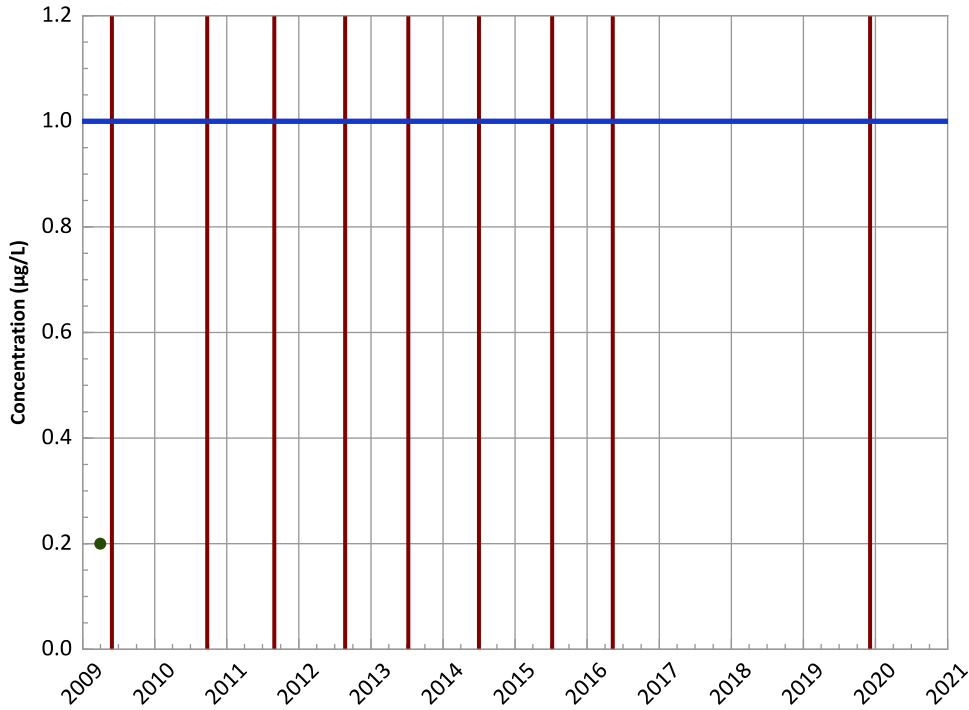


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

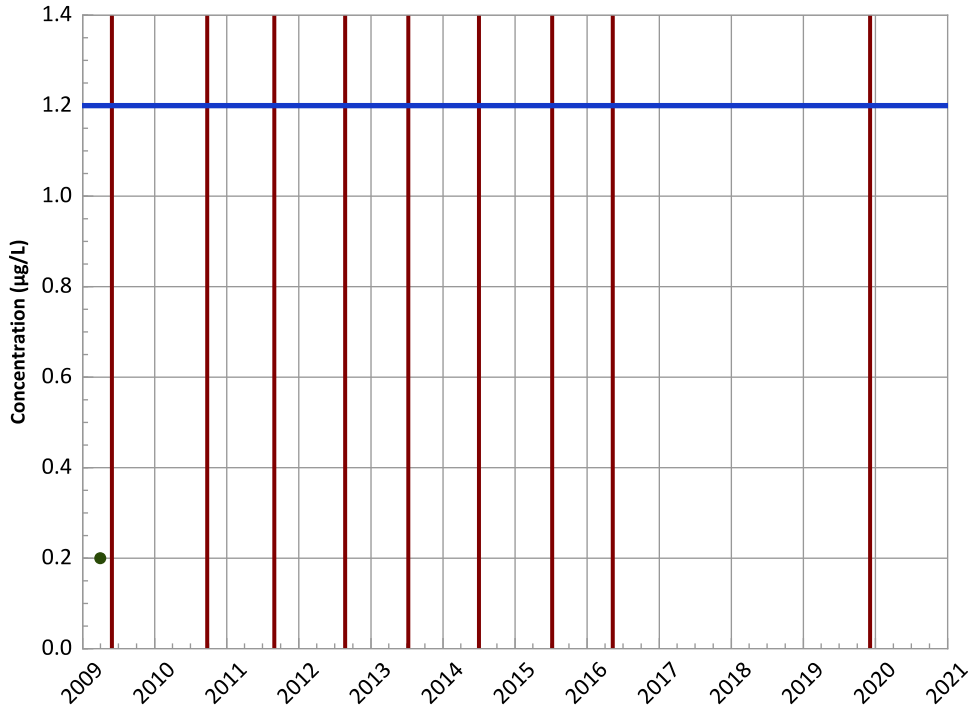


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

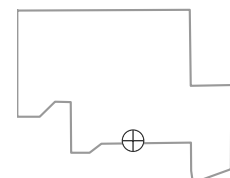


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

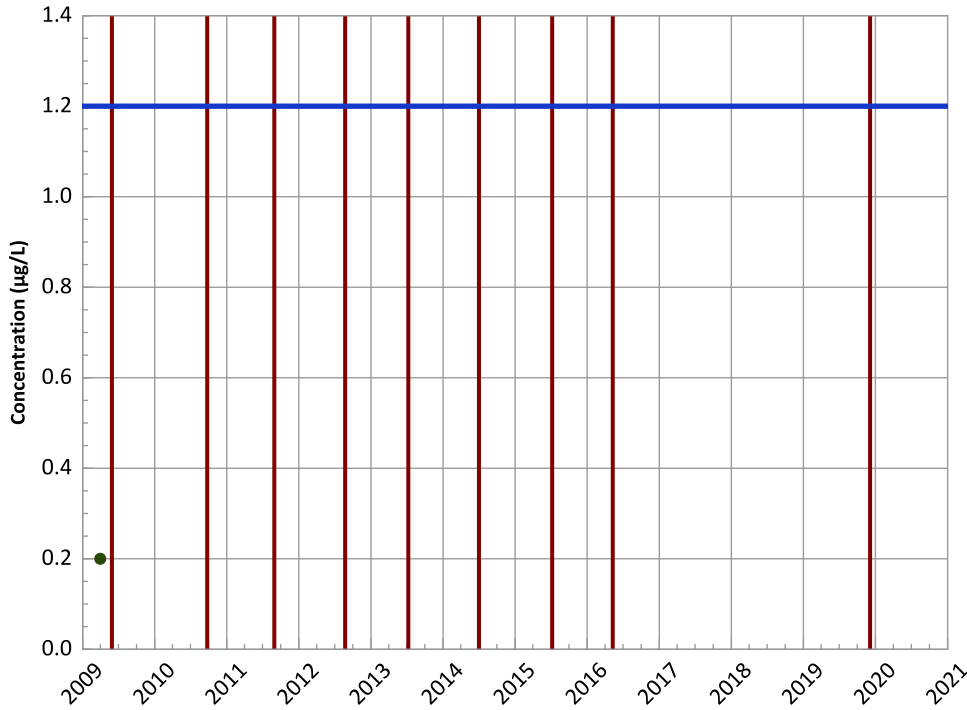


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

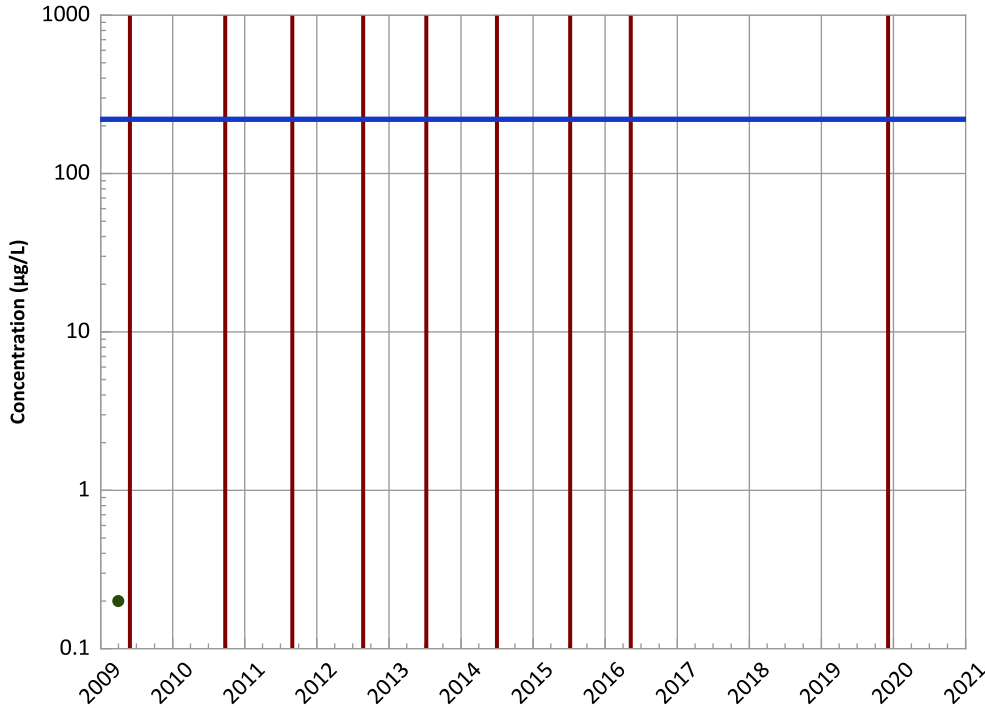
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

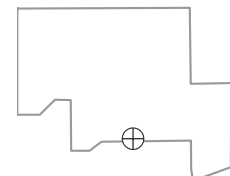
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

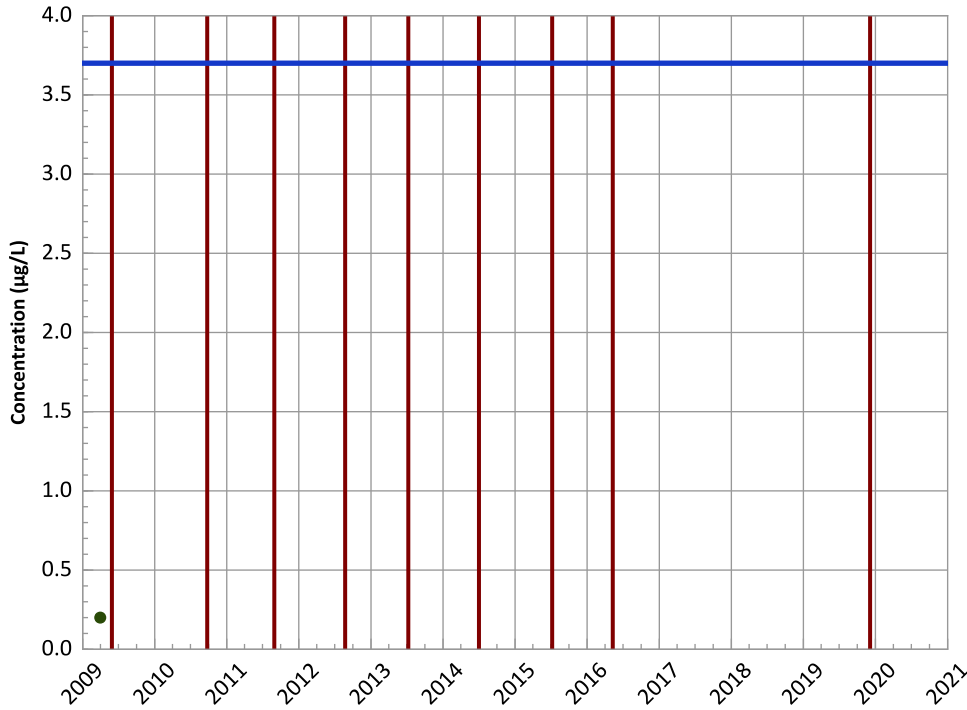


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

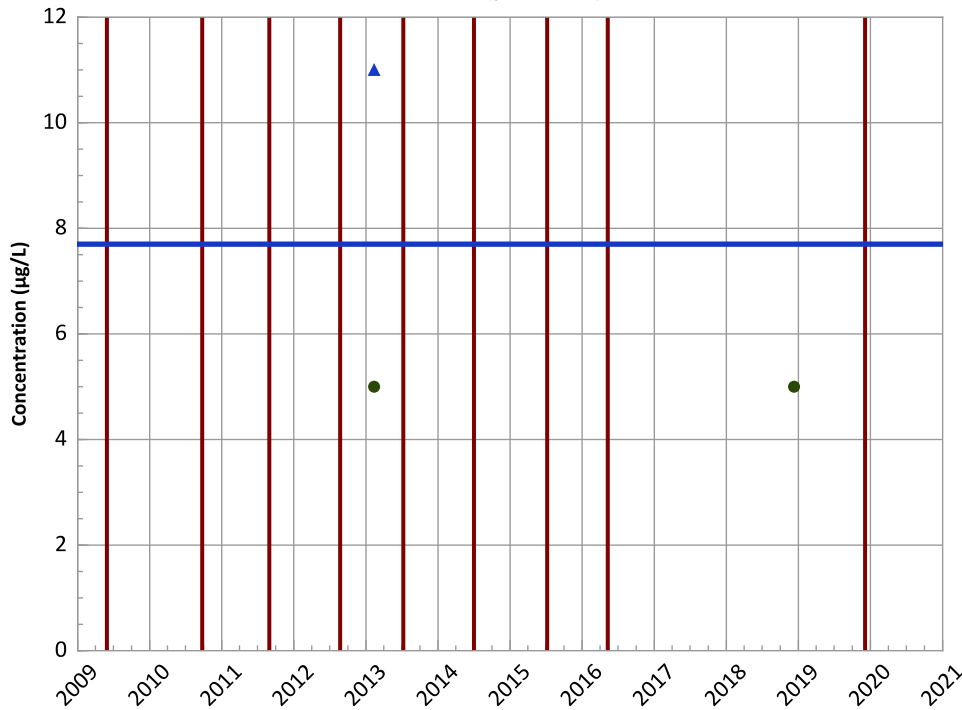
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

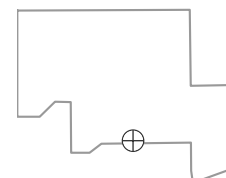
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

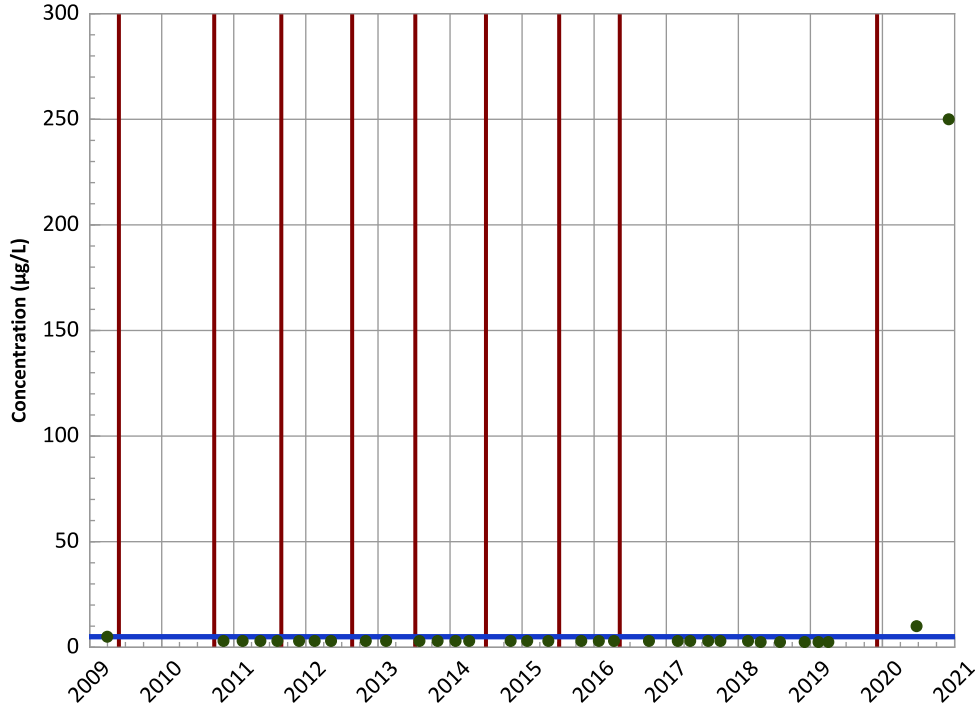


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

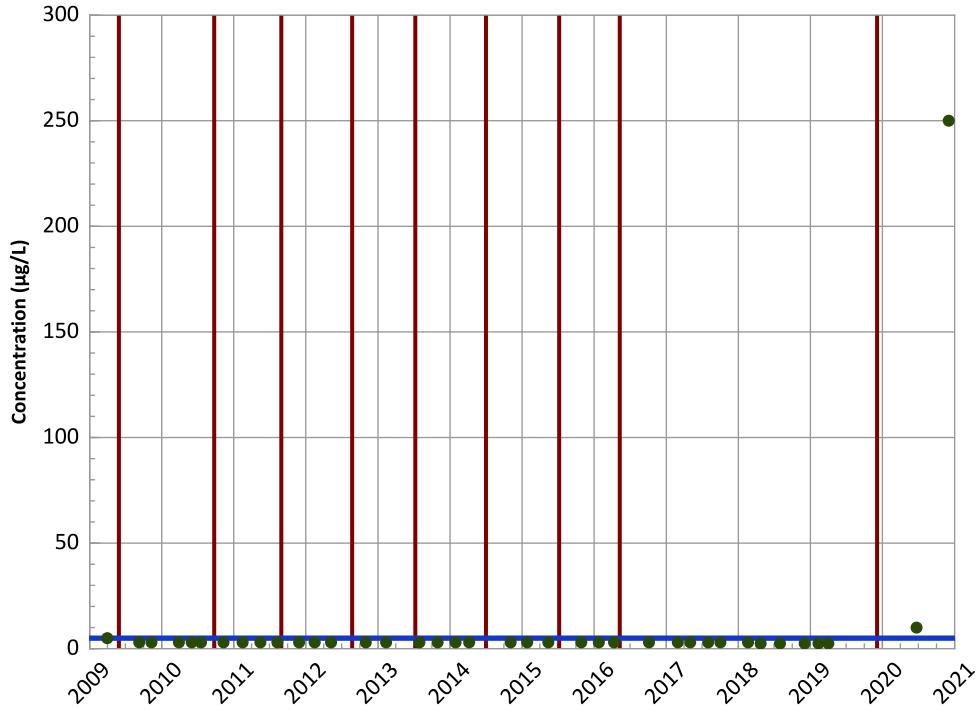
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

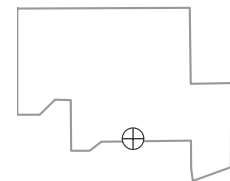
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

Well Location

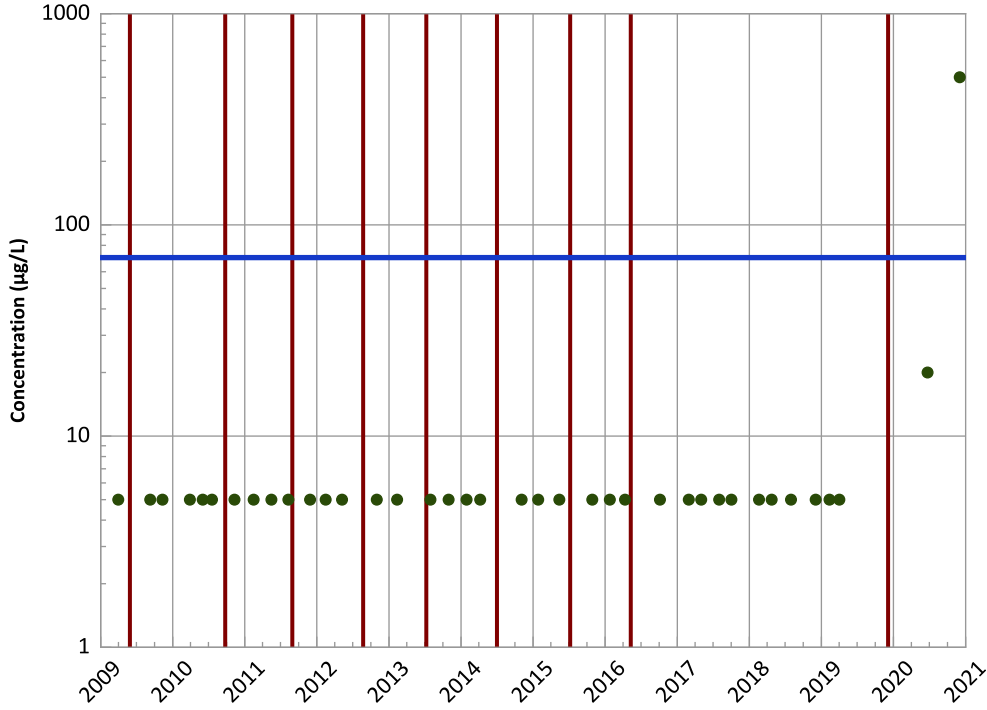


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

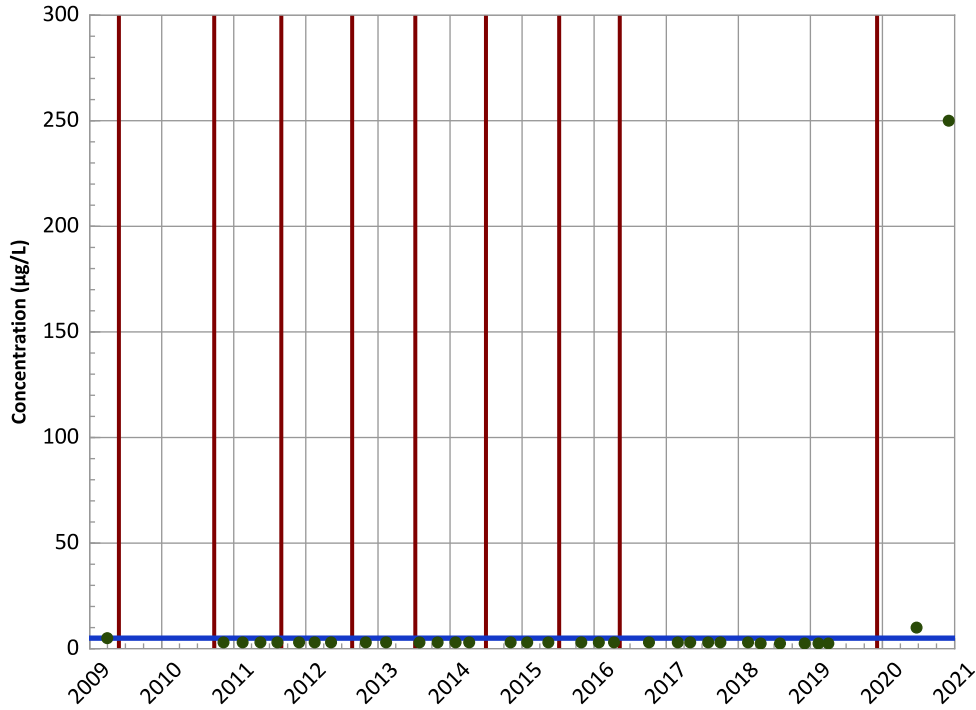


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

1,2-Dichloroethane Trend

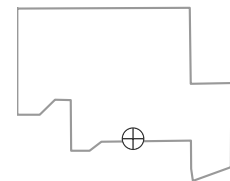


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

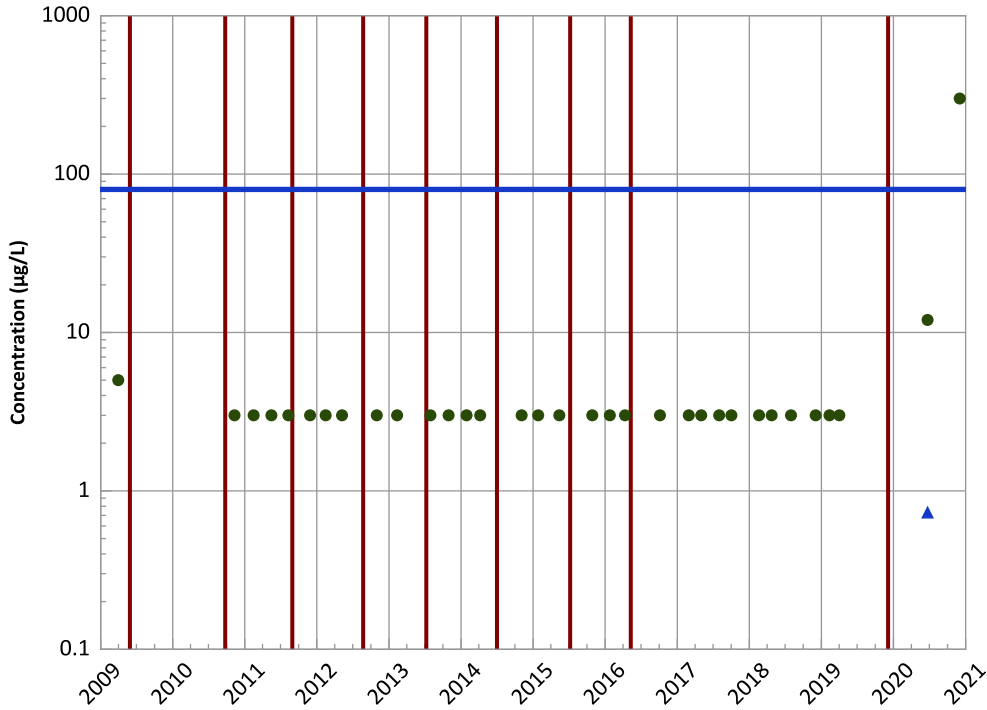


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

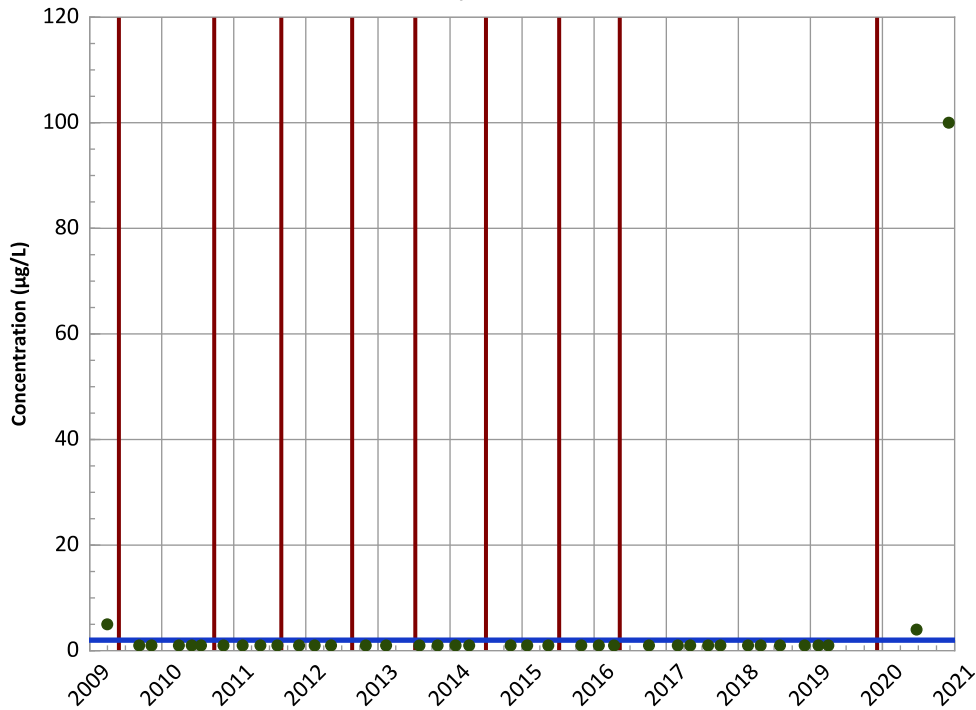
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

All Non-Detect

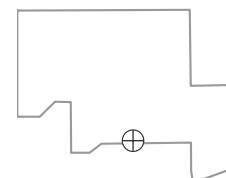
2018 - 2020 Data:

All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

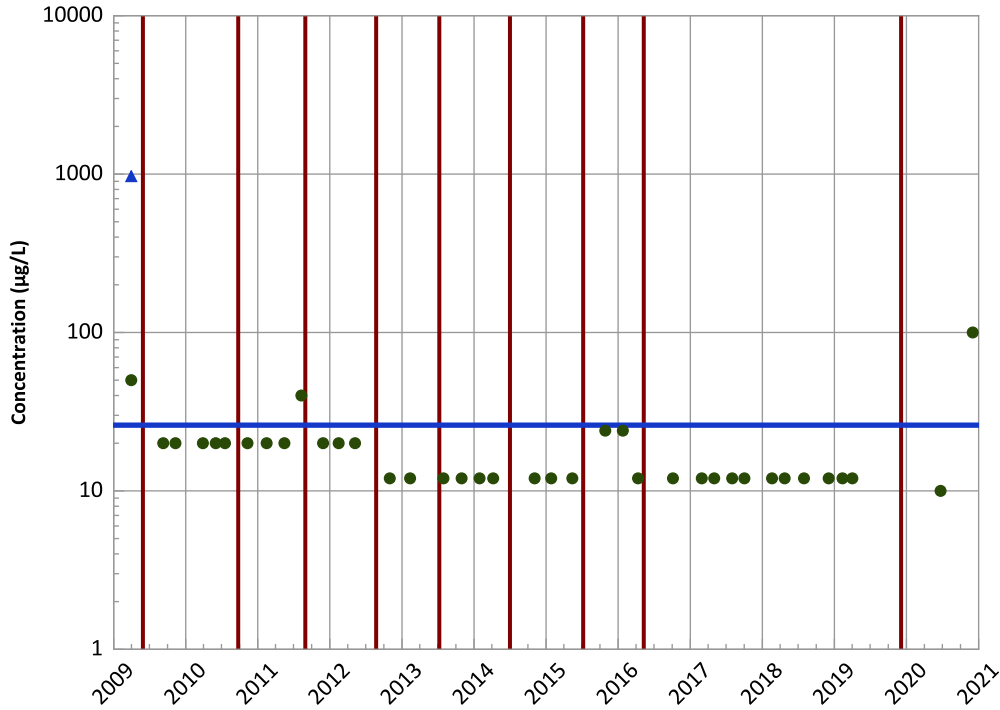
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

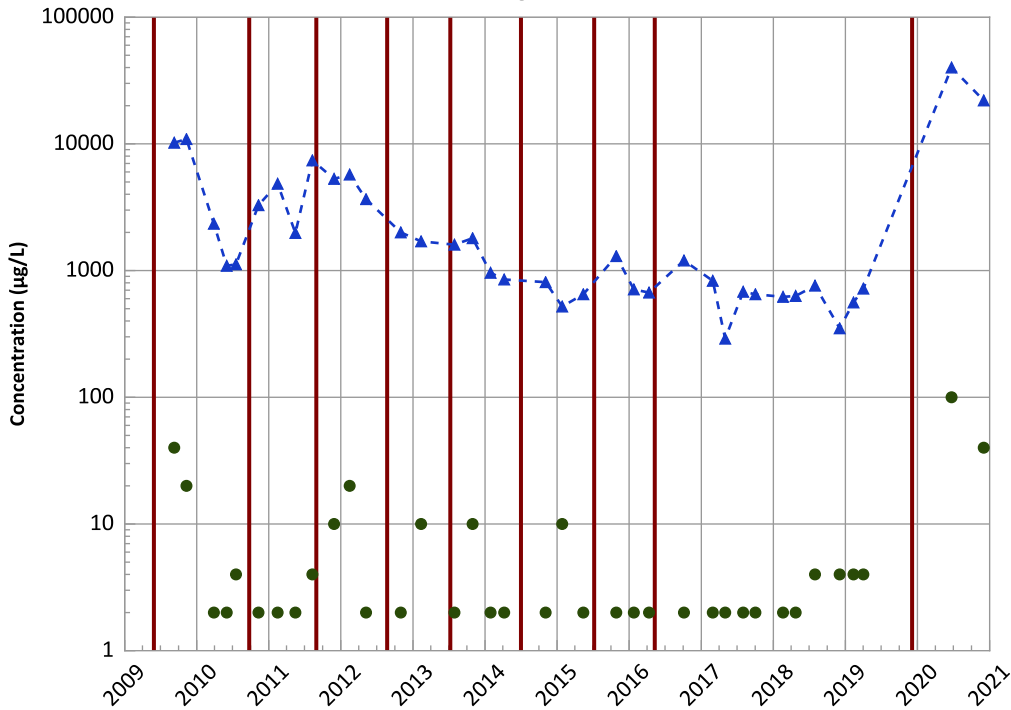


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Manganese Trend

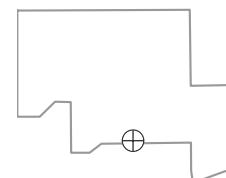


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Increasing' 'Increasing

Well Location

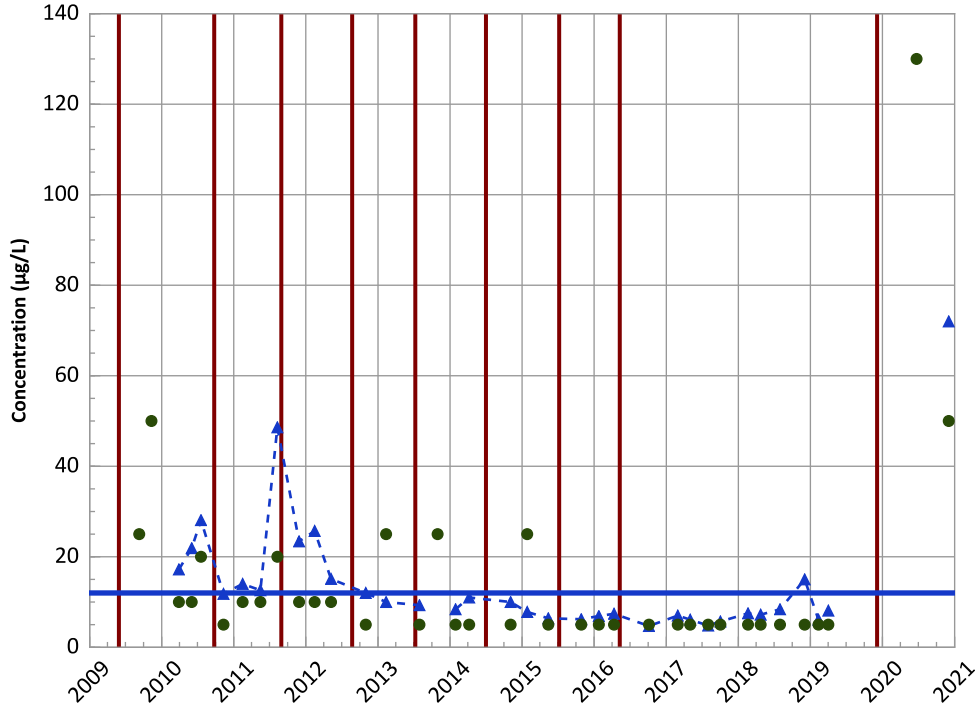


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

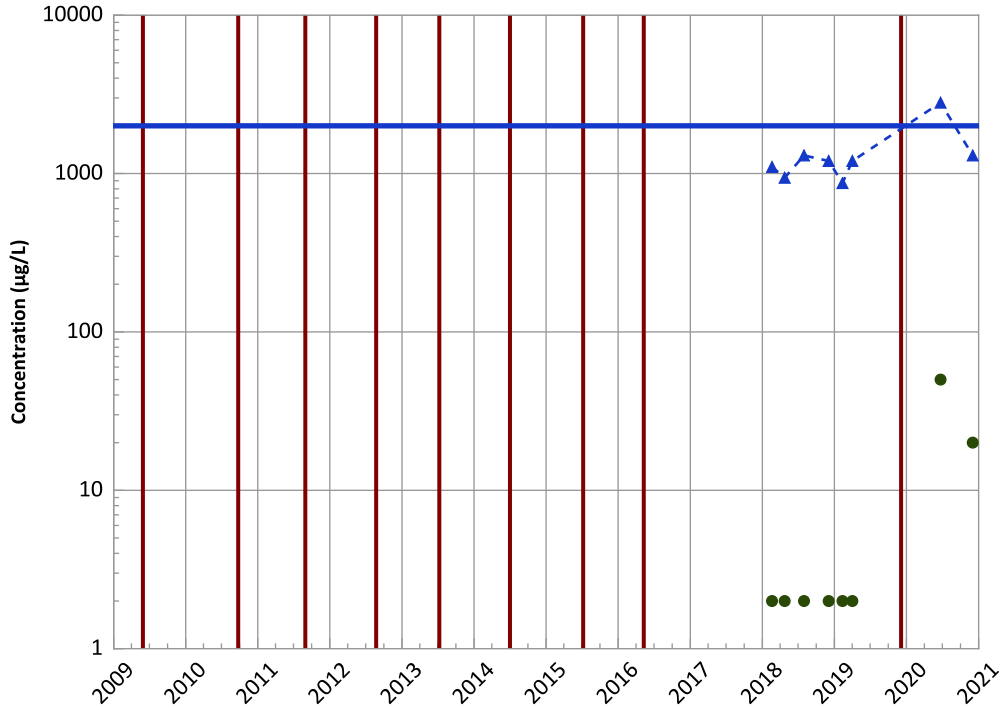
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

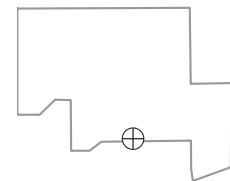
Arsenic Trend



Barium Trend



Well Location

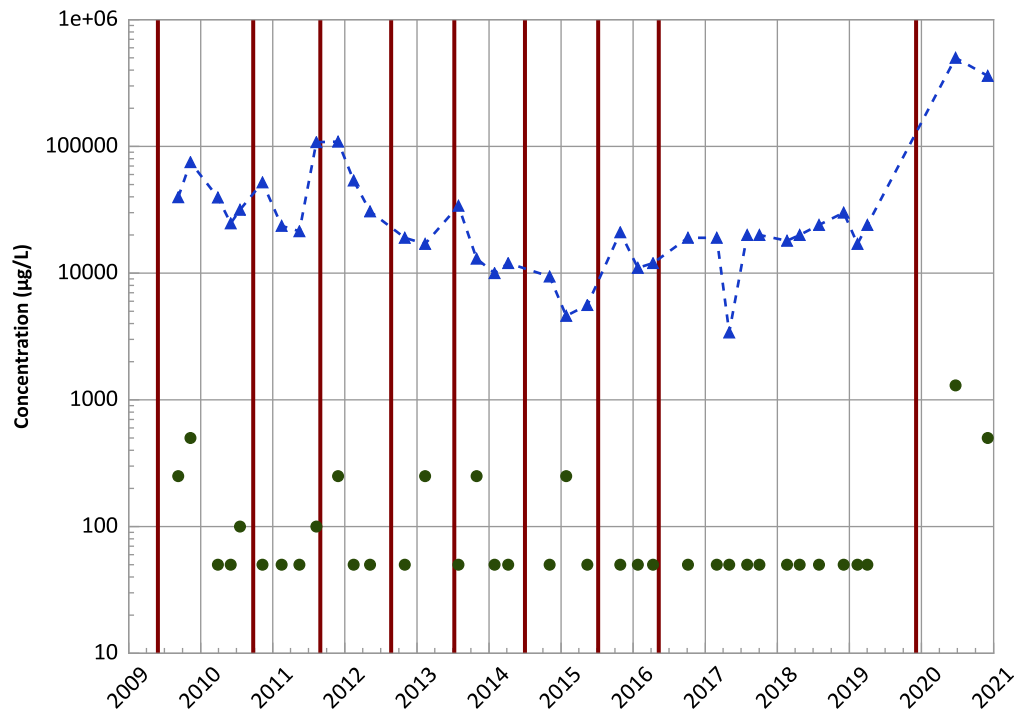


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/31/2009 to 12/02/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

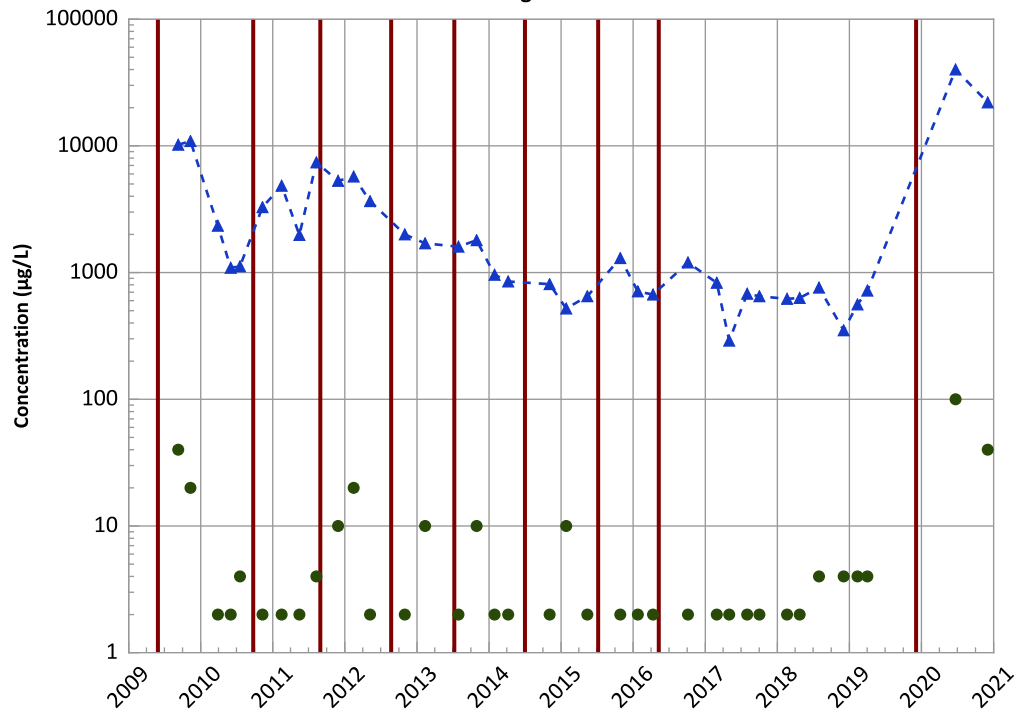


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Increasing

Manganese Trend

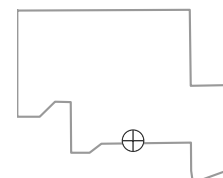


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Increasing' 'Increasing

Well Location

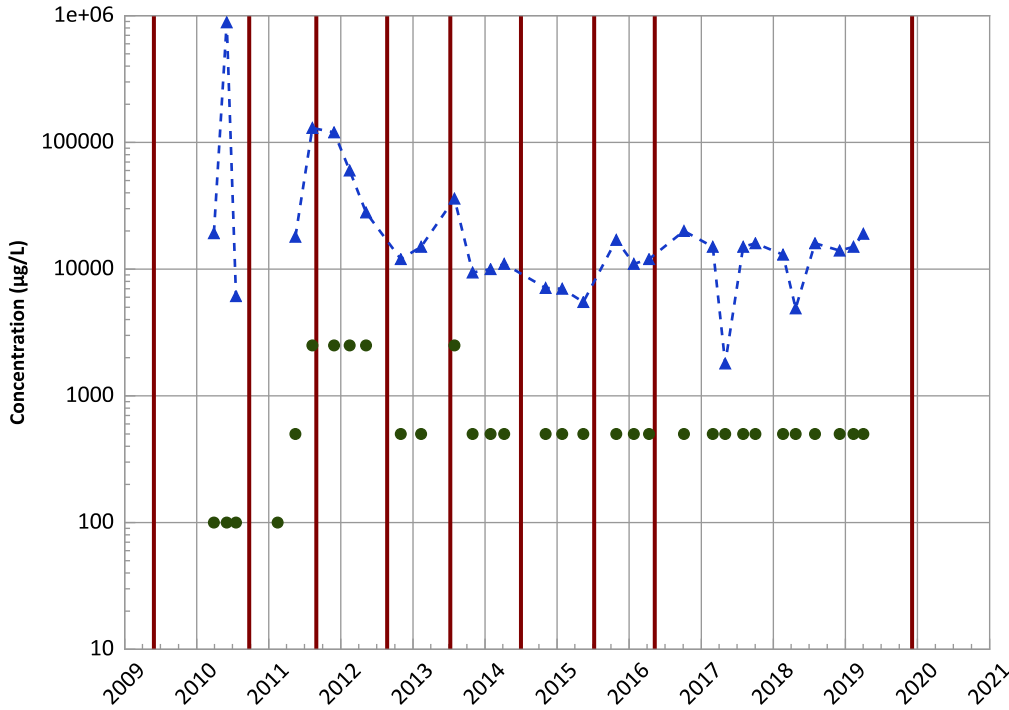


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ferrous Iron Trend

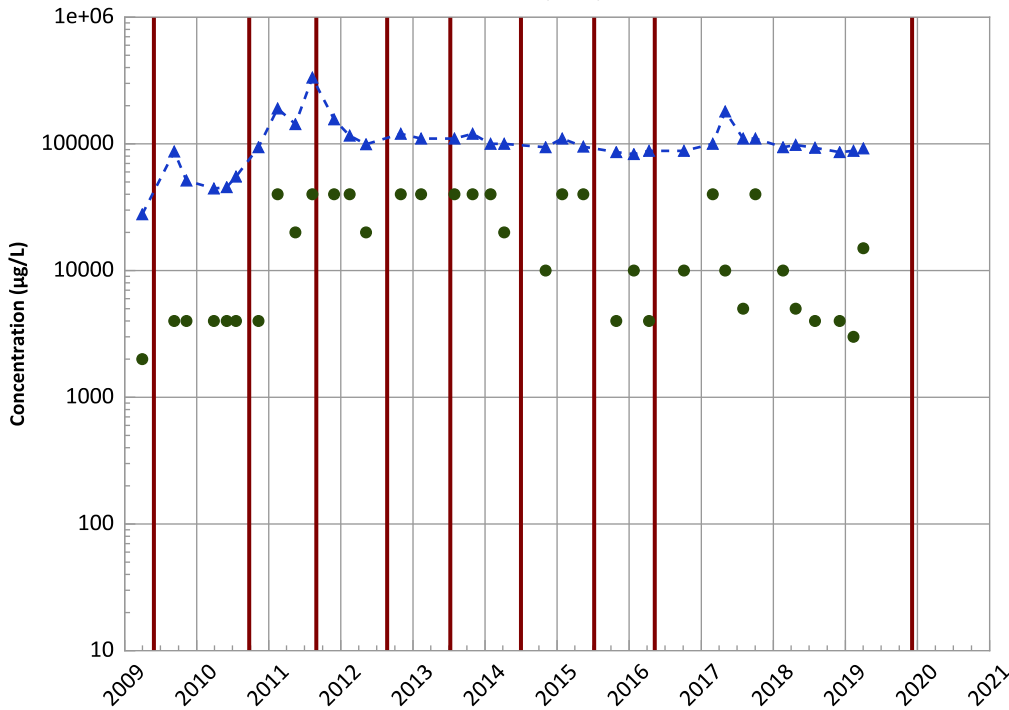


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Probably Increasing

Chloride (as Cl) Trend

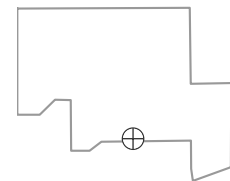


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

Well Location

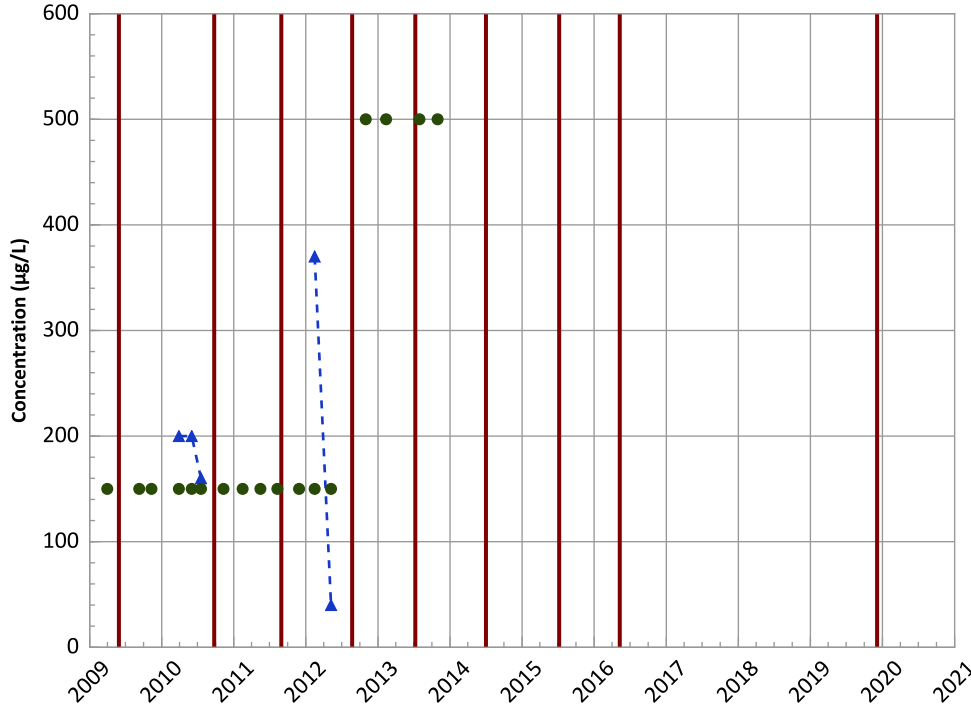


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chlorate Trend

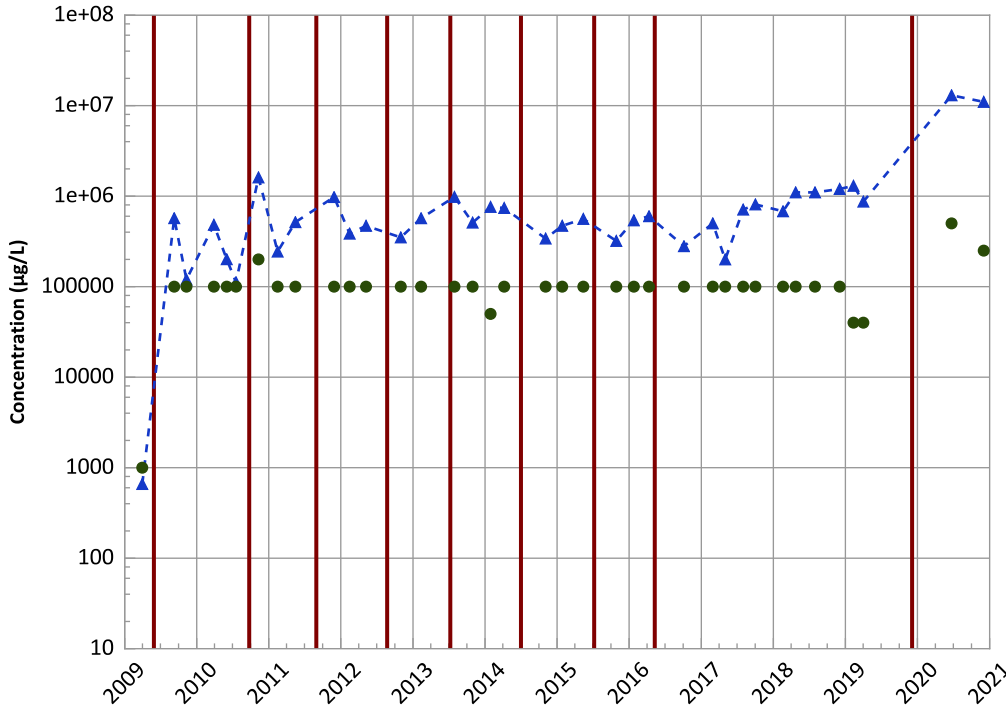


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
Probably Decreasing

Total Organic Carbon Trend

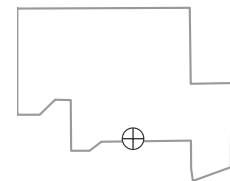


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

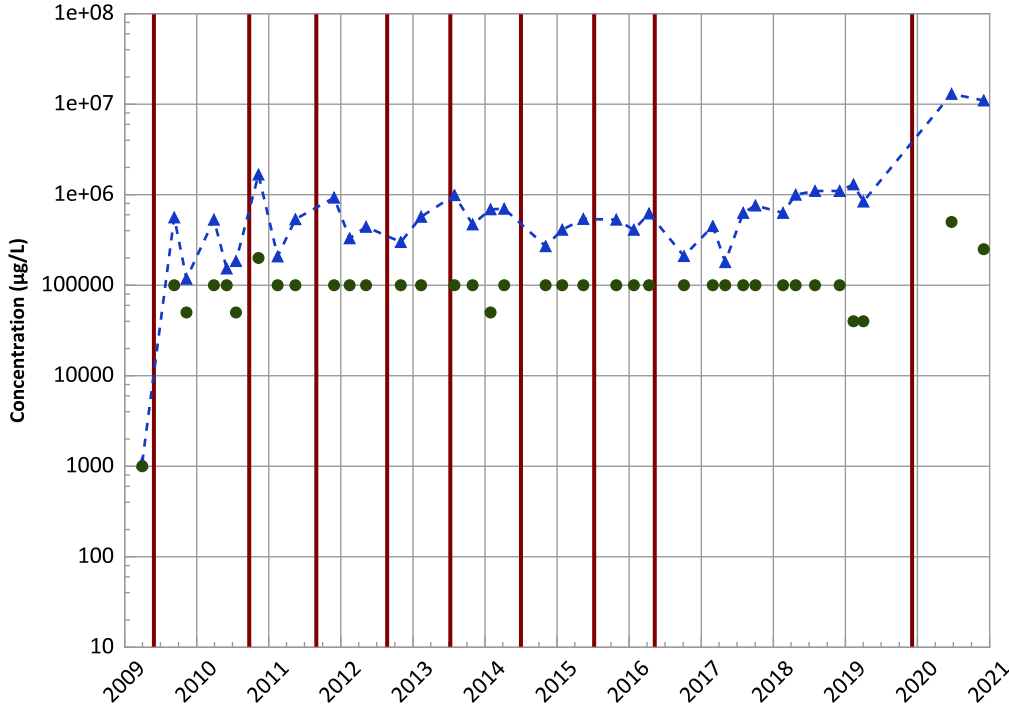


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

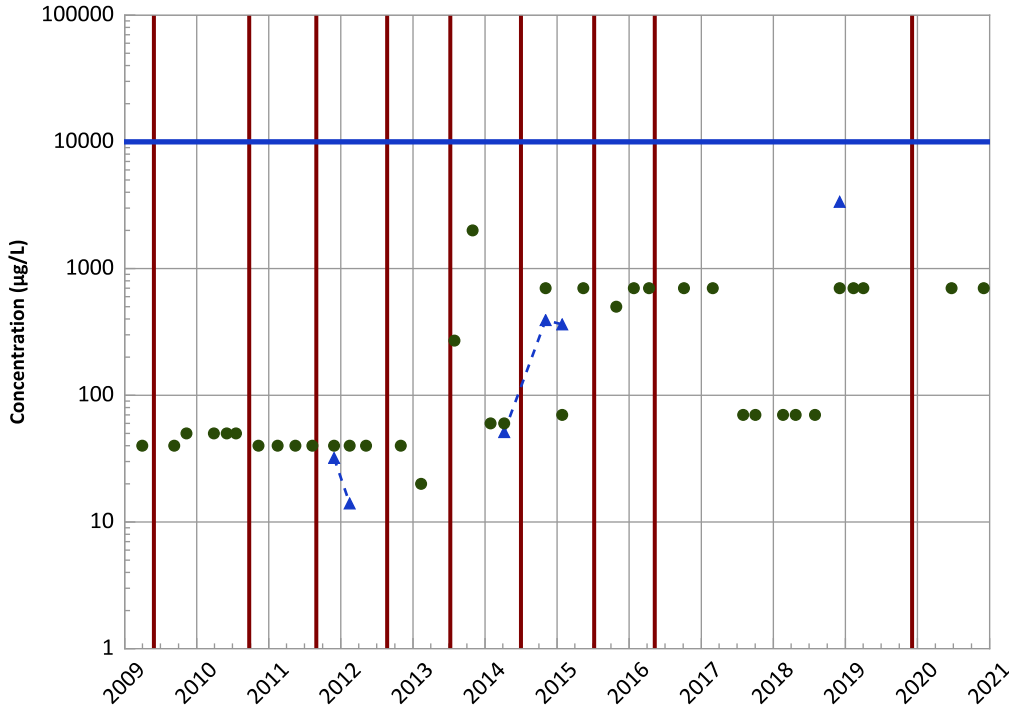


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Nitrate as N Trend

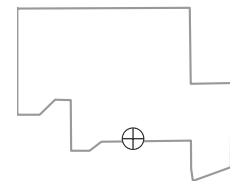


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

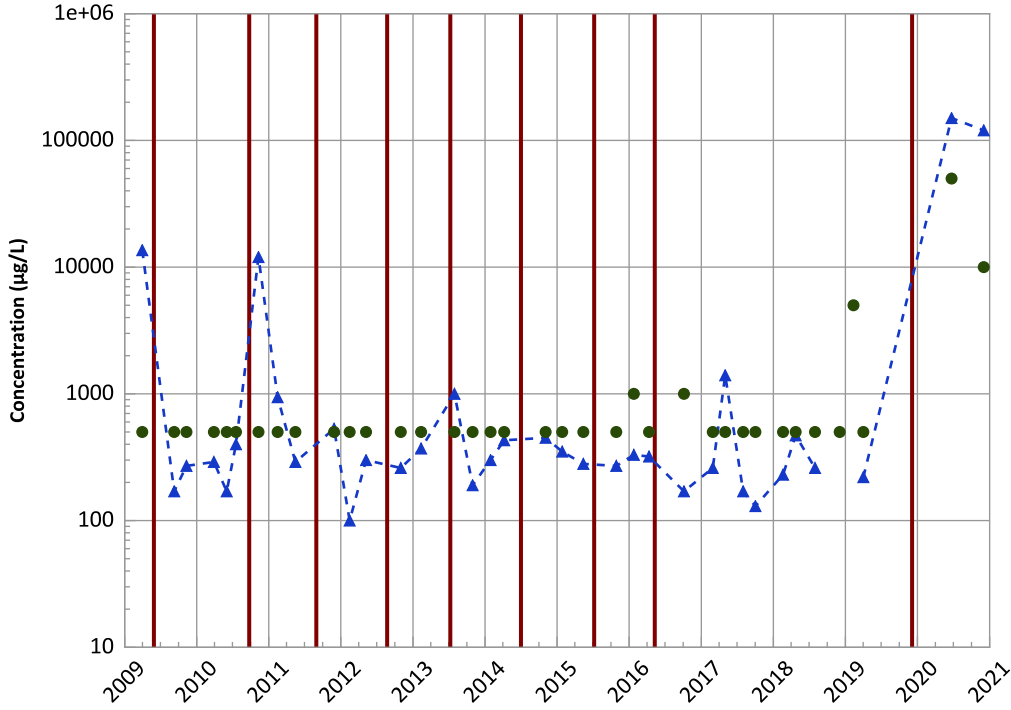


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

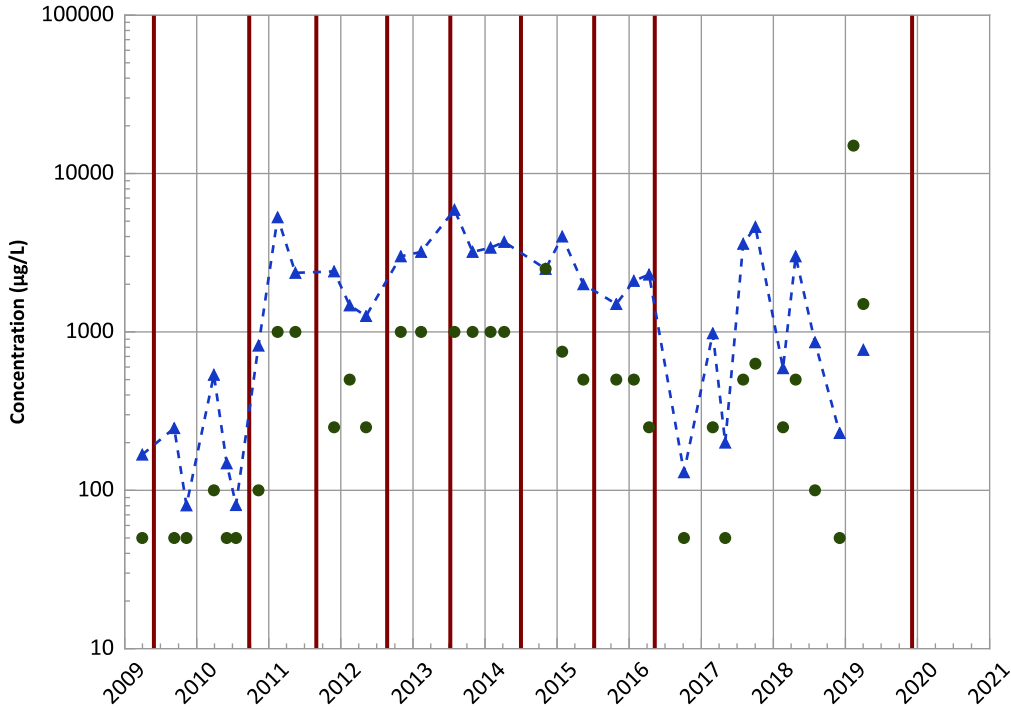


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Phosphorus, Total (as P) Trend

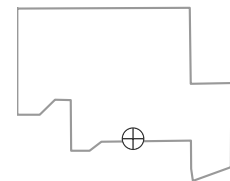


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

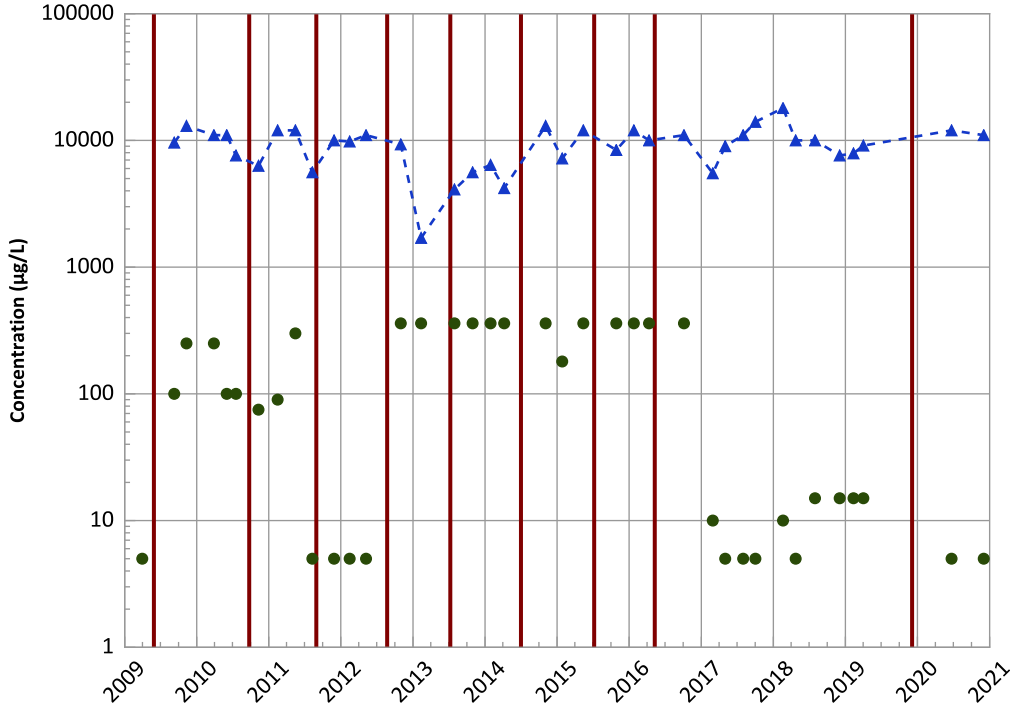


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend

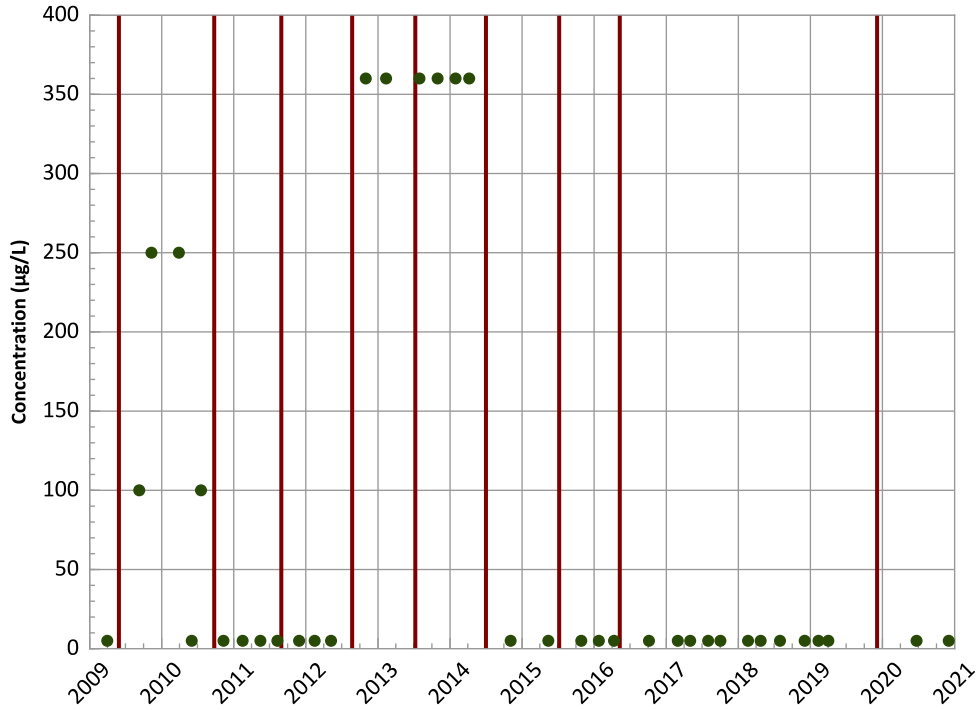
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
No Trend

2018 - 2020 Data:
Increasing

Ethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect

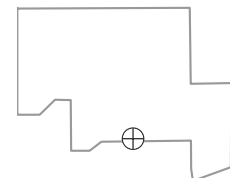
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
All Non-Detect

2018 - 2020 Data:
All Non-Detect

Well Location

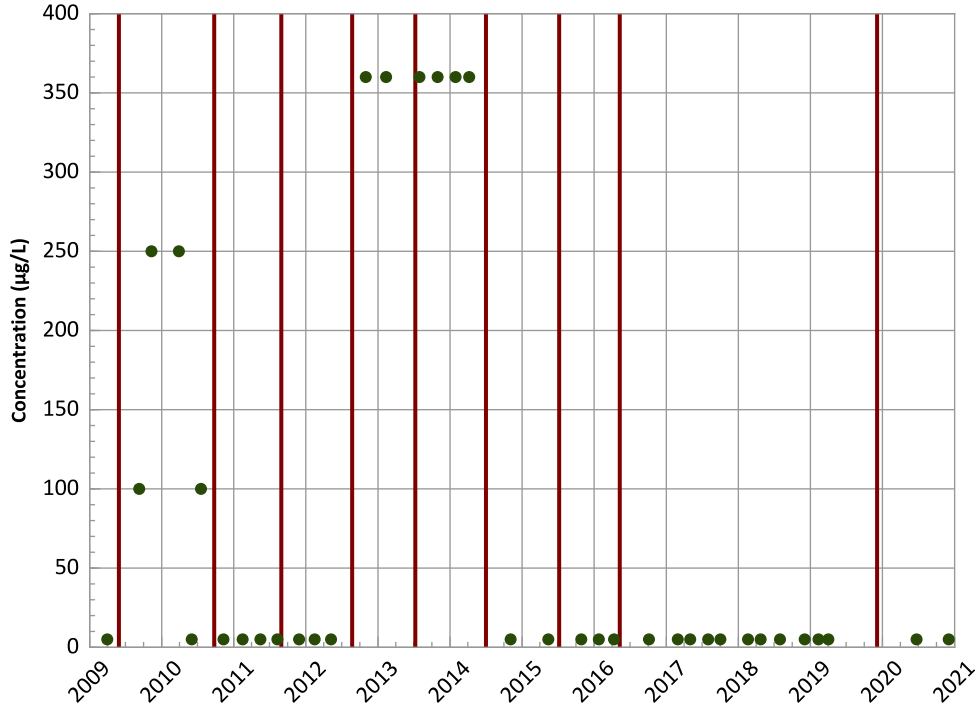


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

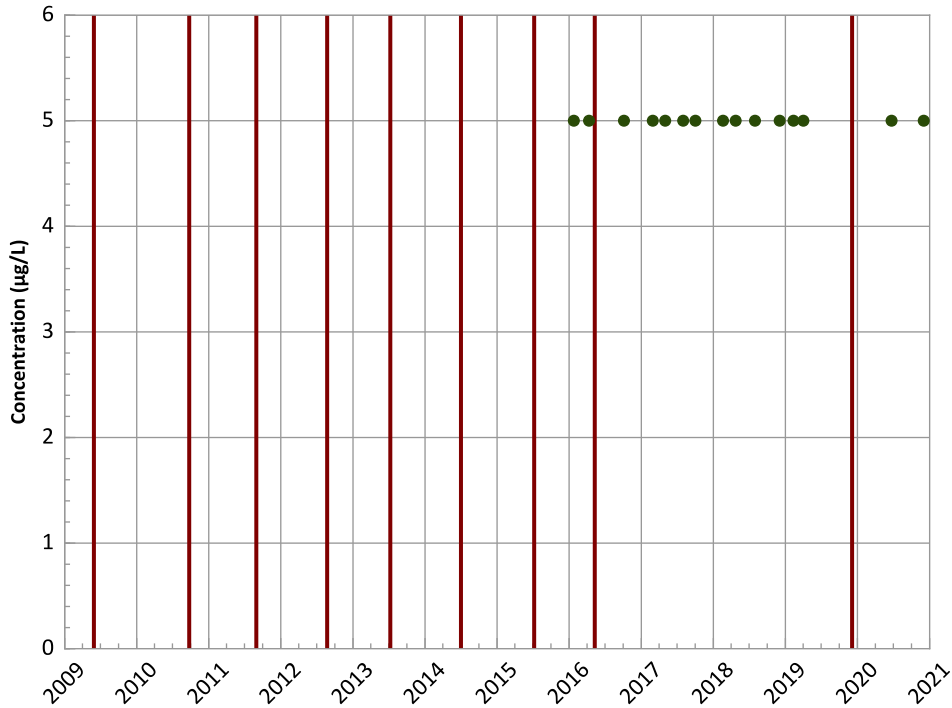


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Trend

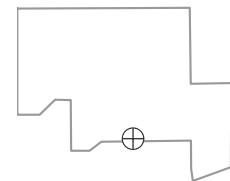


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

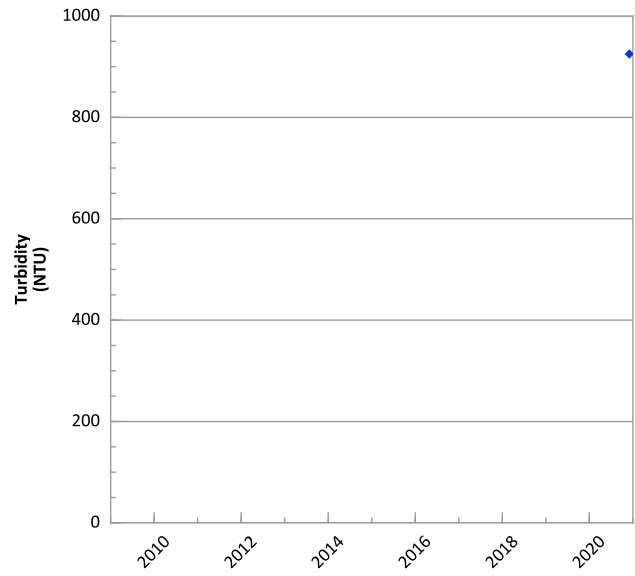
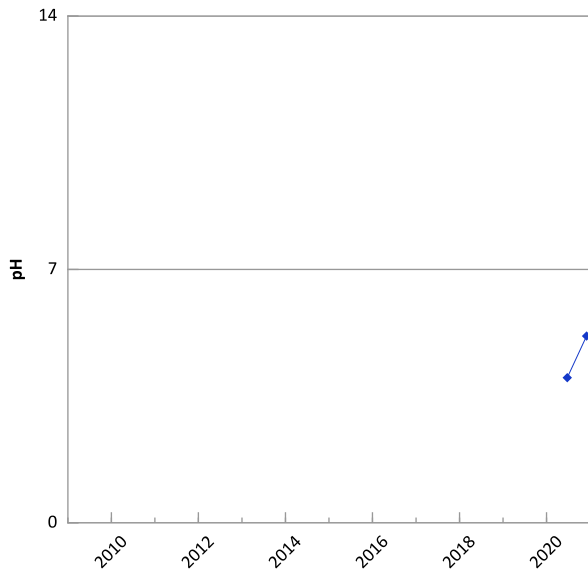
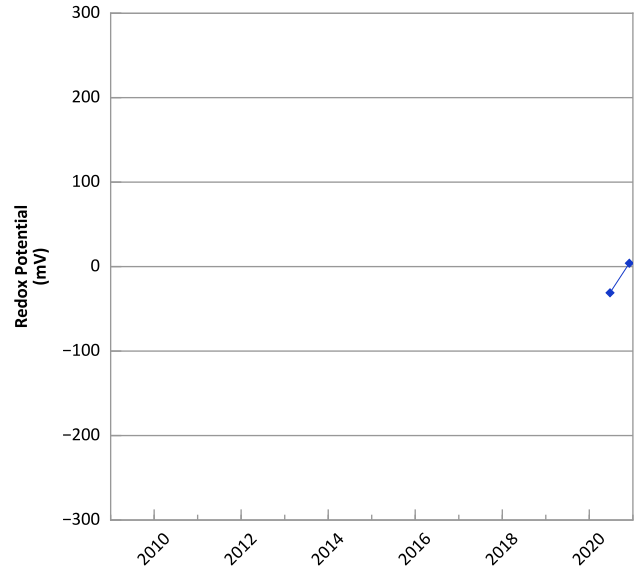
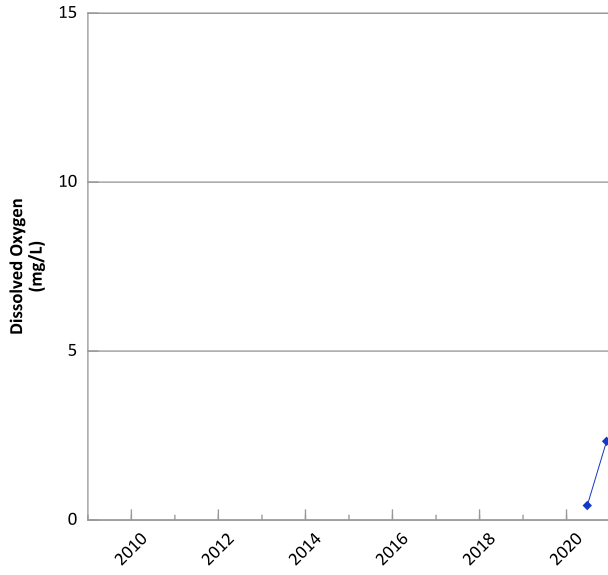
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/31/2009 to 12/02/2020
Analysis Date: 06/03/2021

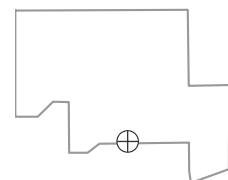
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



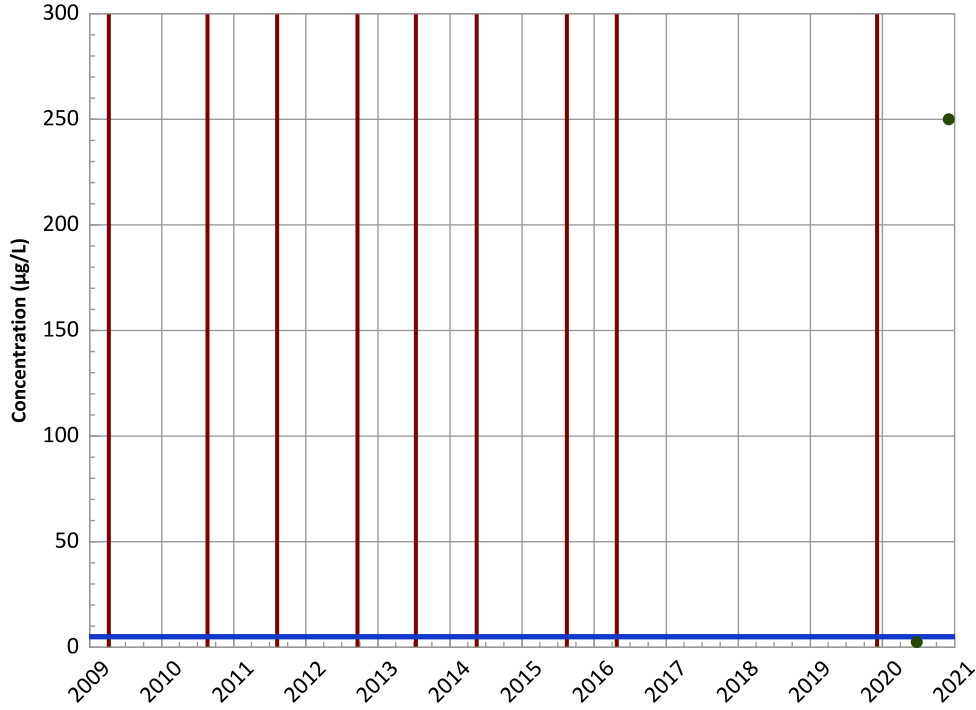
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

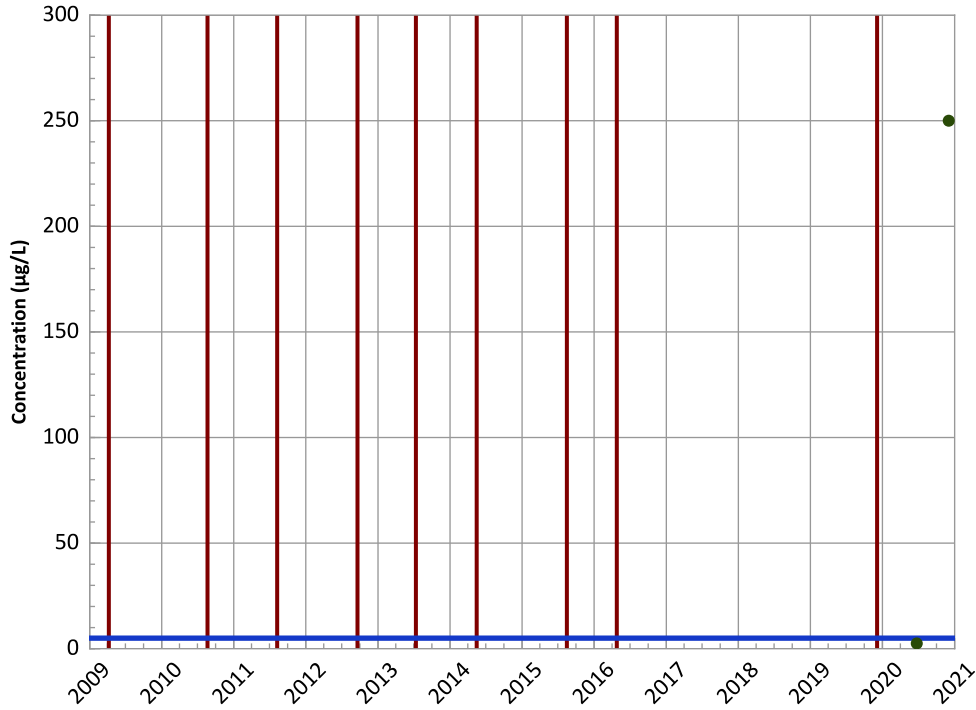
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

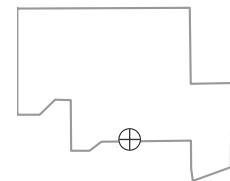
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

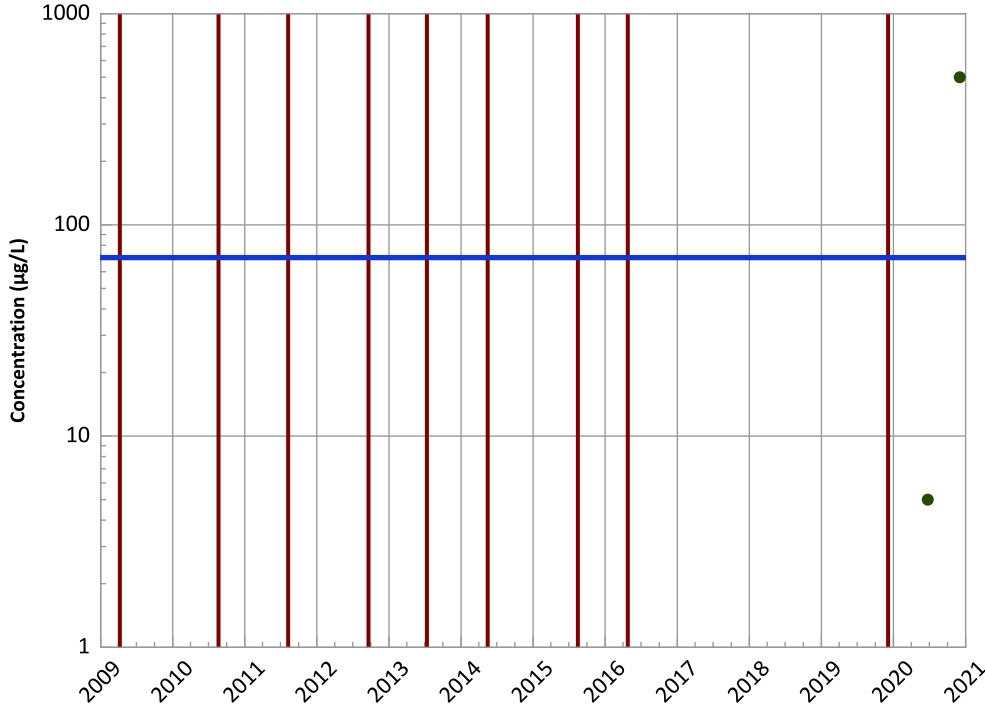


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

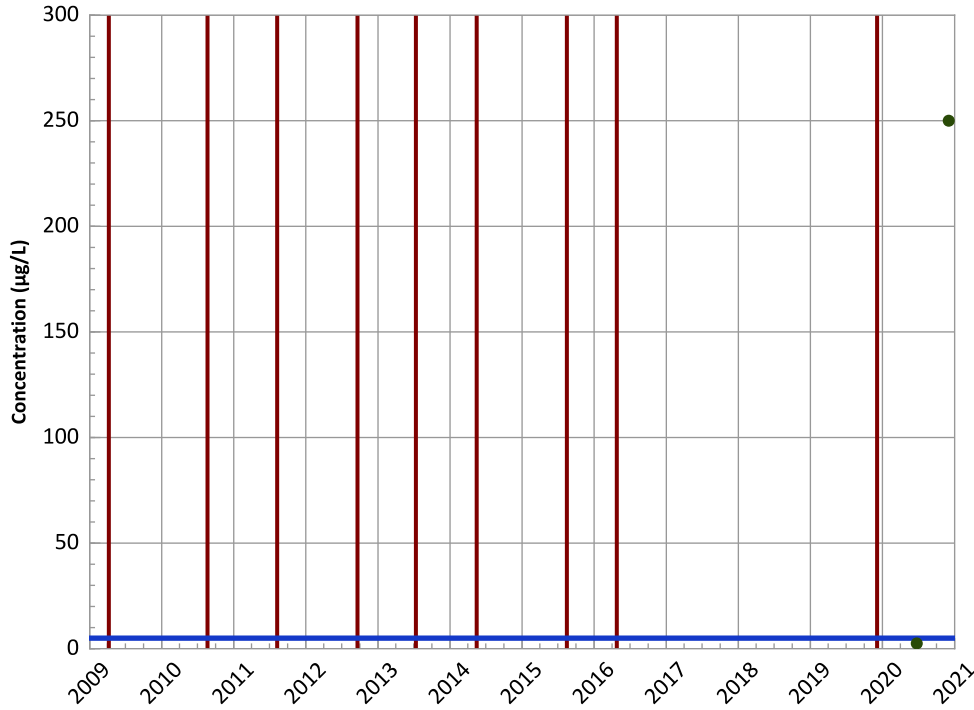


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

1,2-Dichloroethane Trend

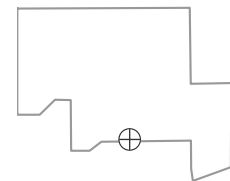


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

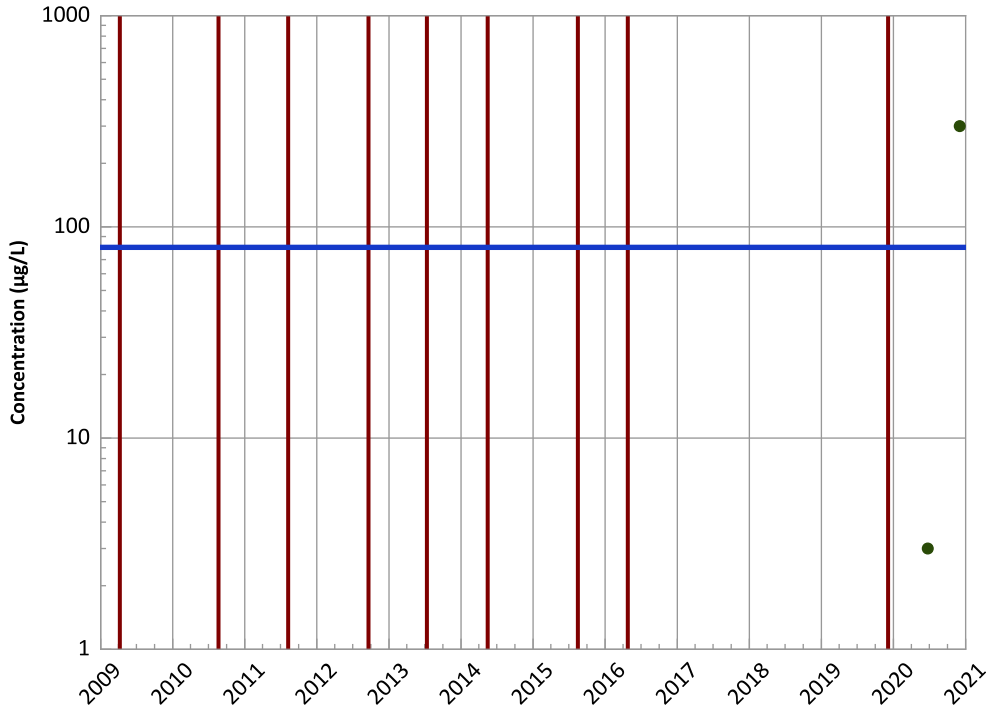


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

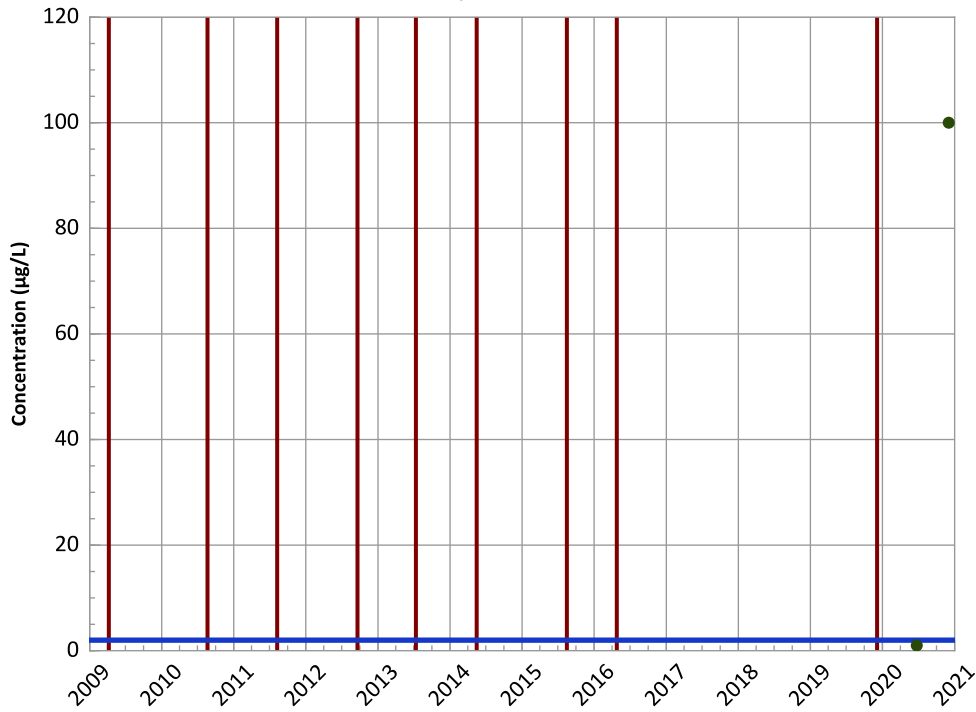


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Vinyl Chloride Trend

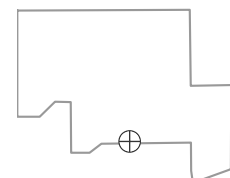


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

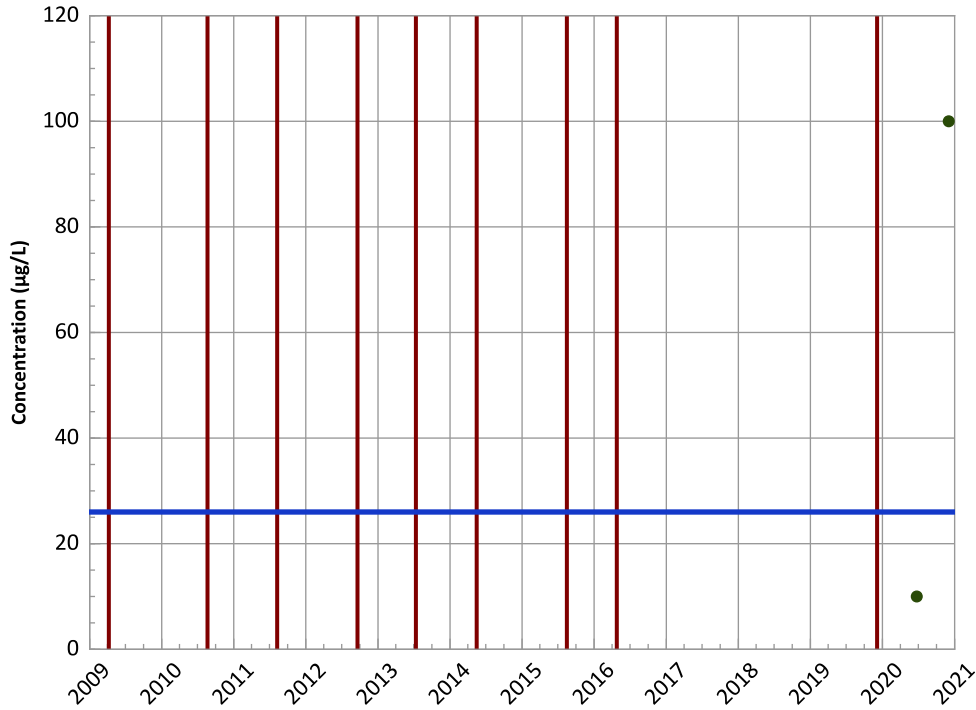


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

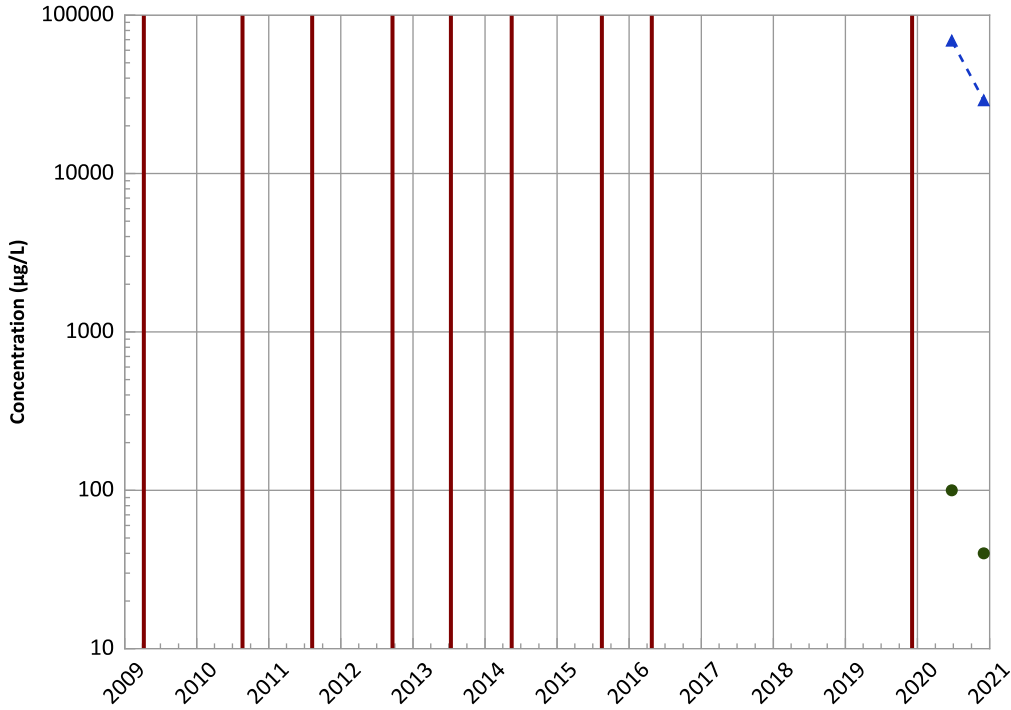
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

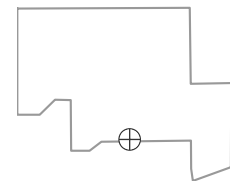
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

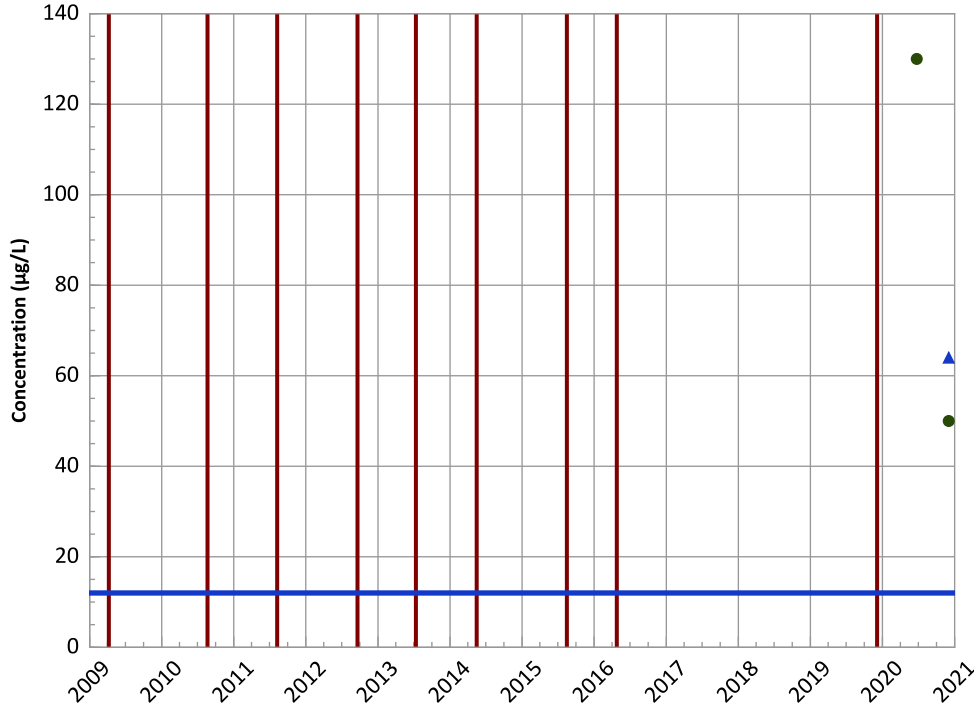


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

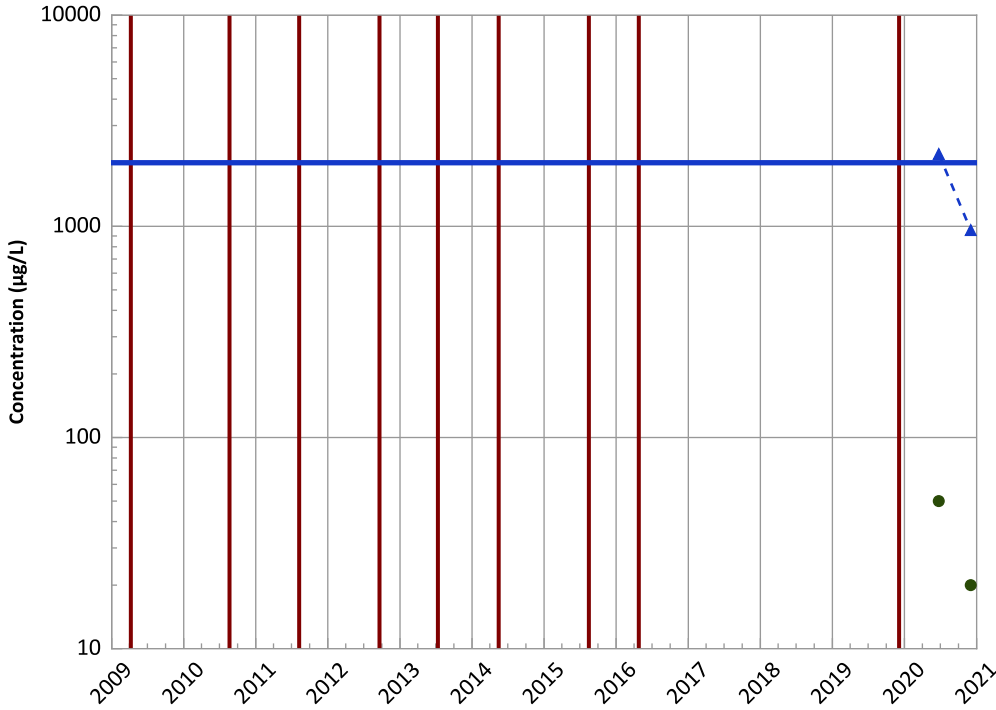
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

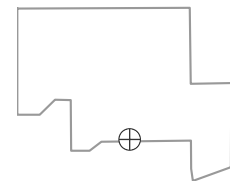
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

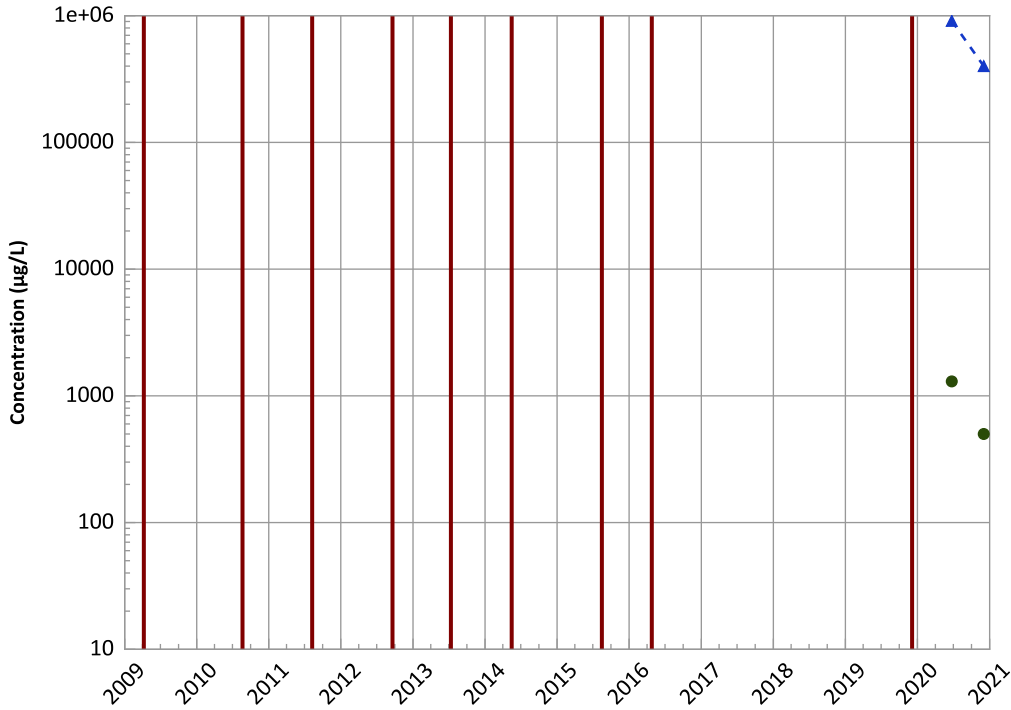


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

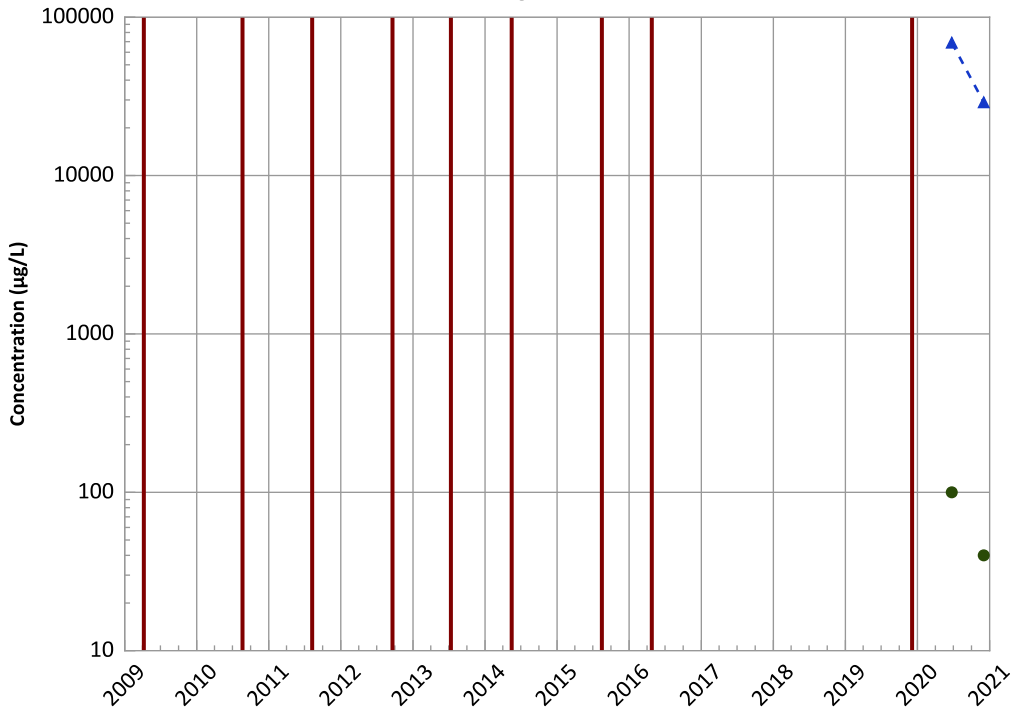
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

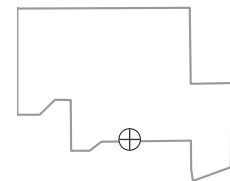
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

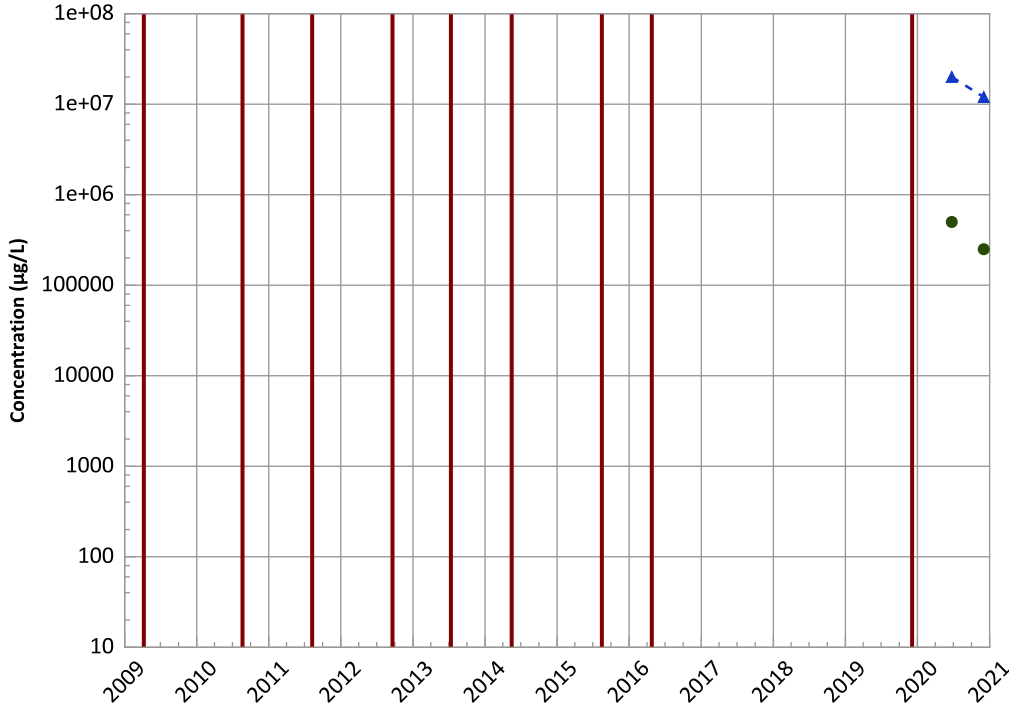


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

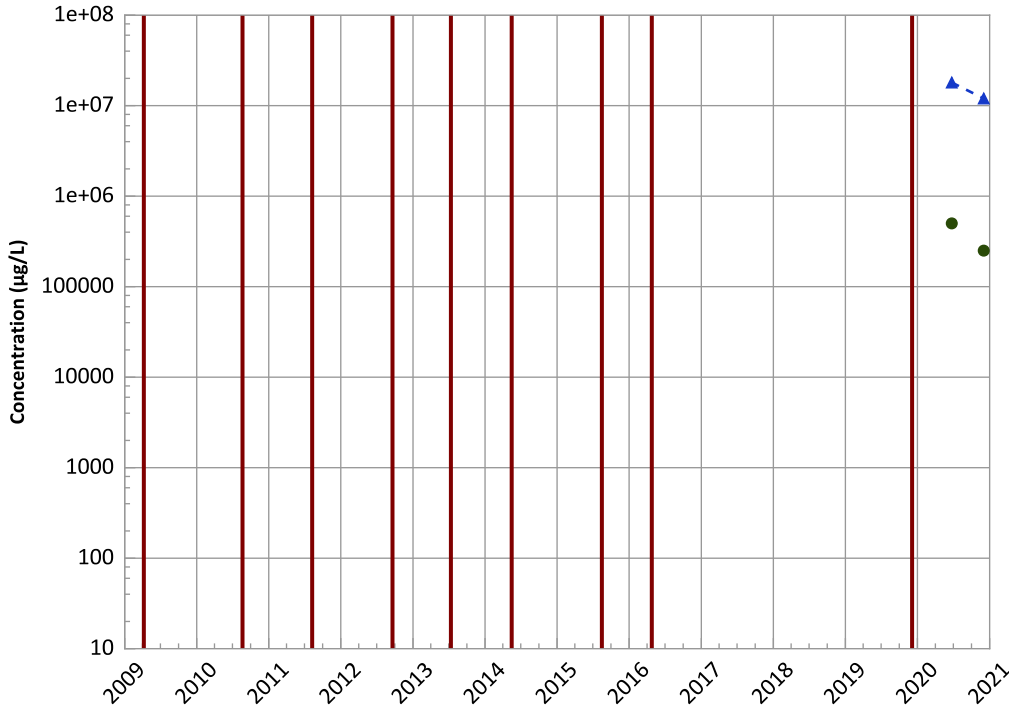
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

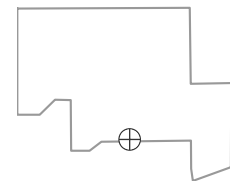
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

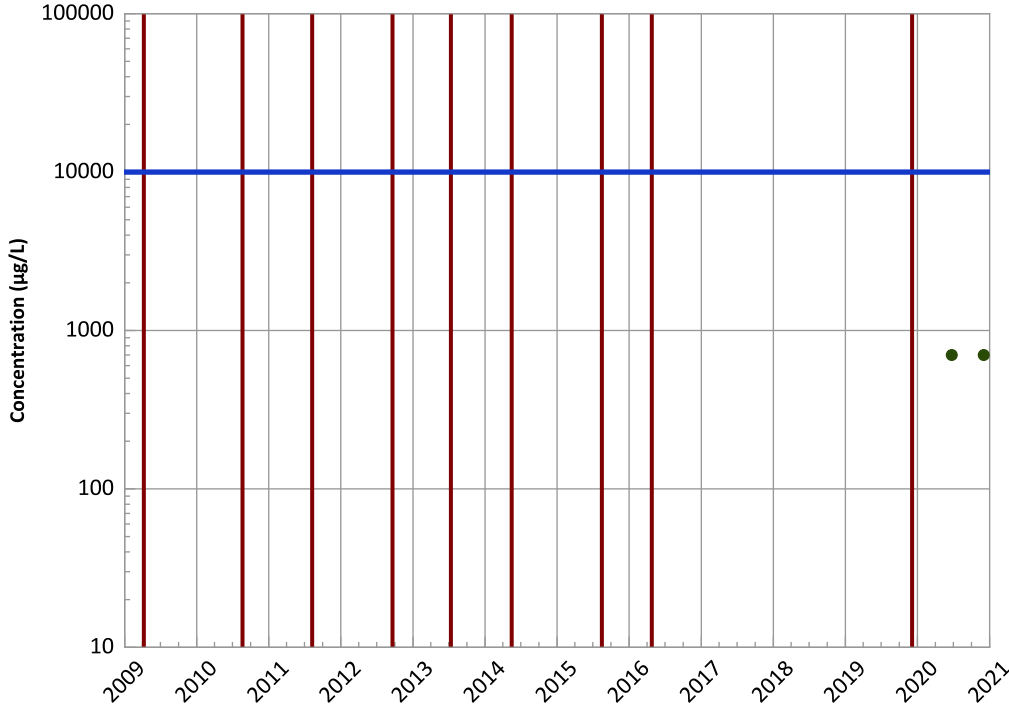


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

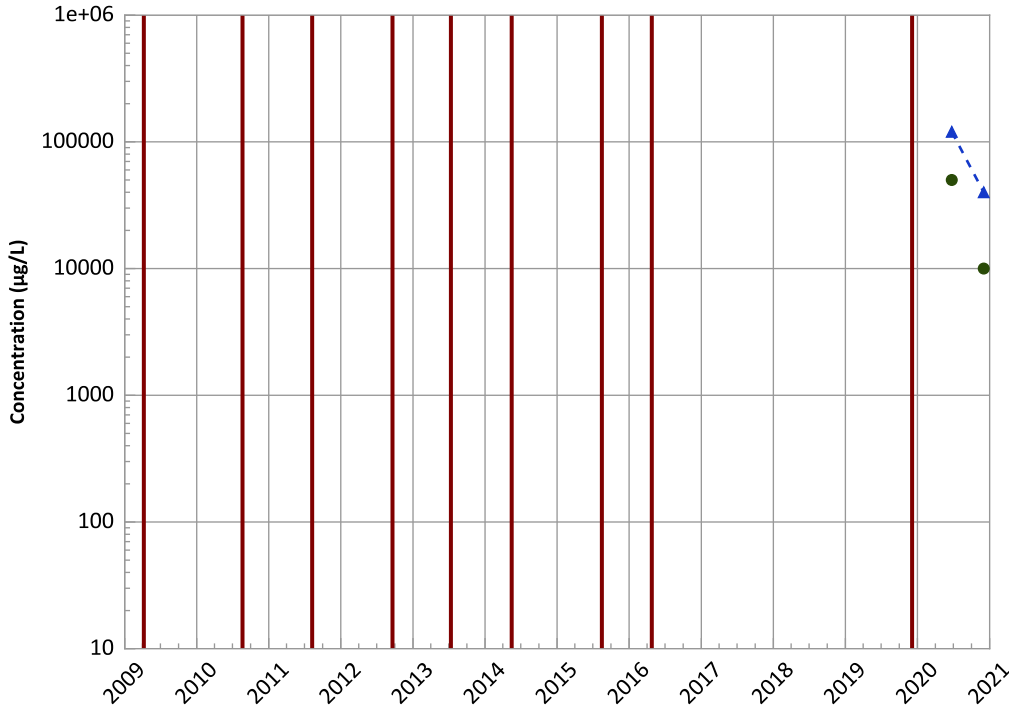
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

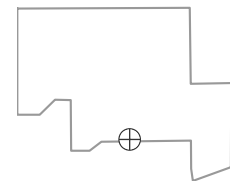
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

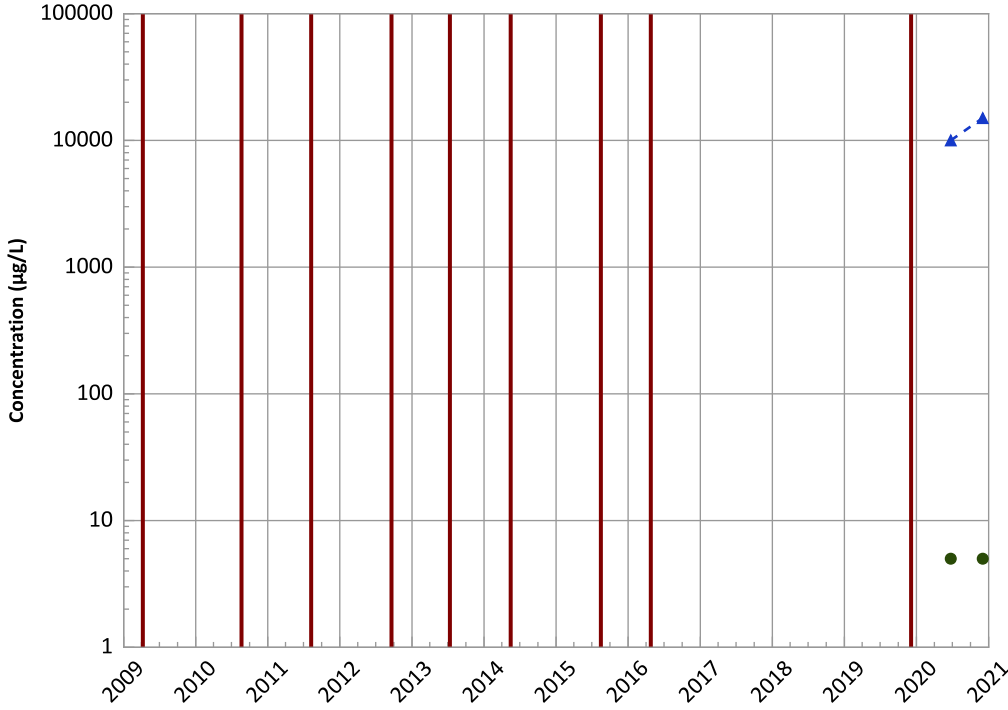


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

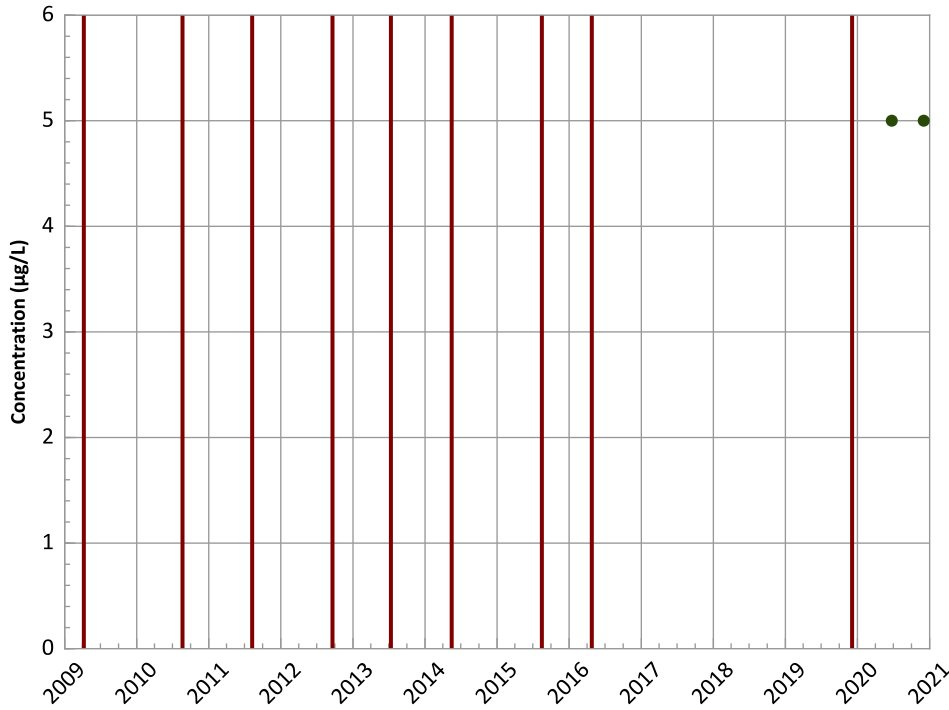
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Ethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

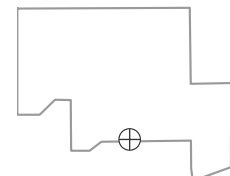
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

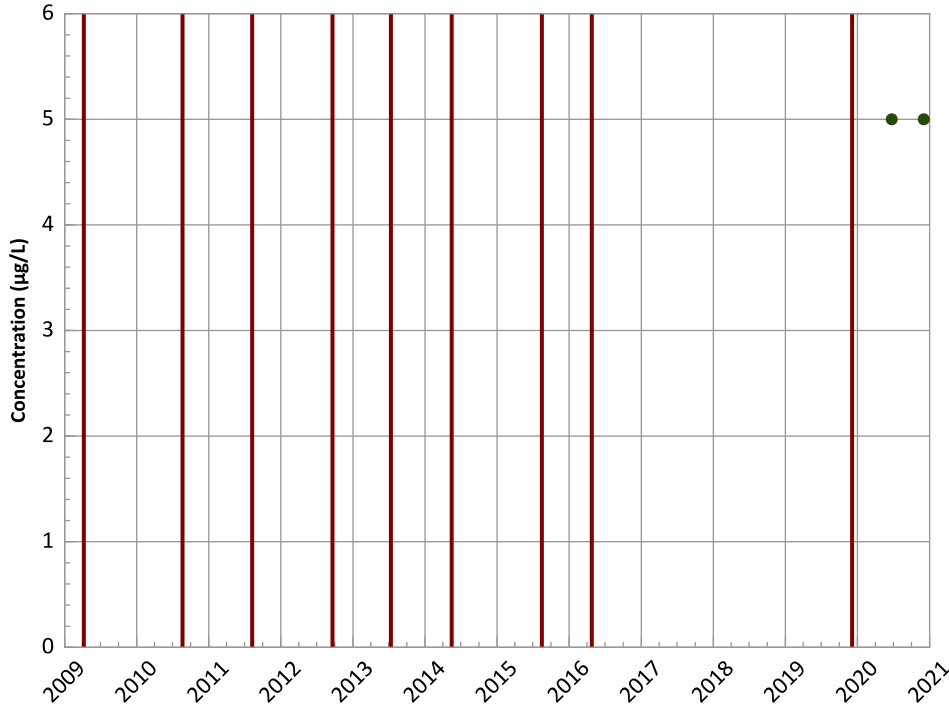


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

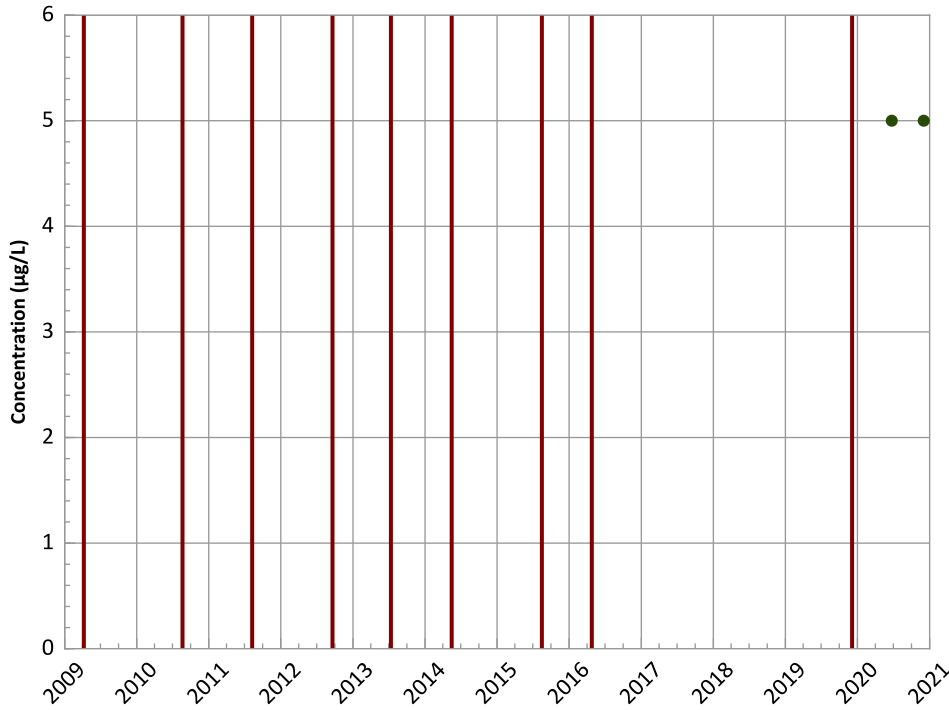


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Trend

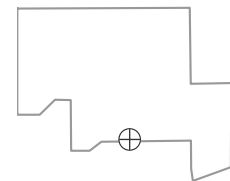


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

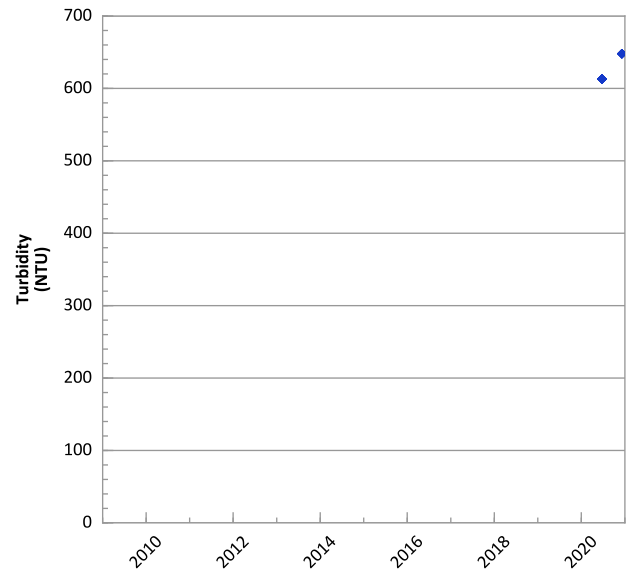
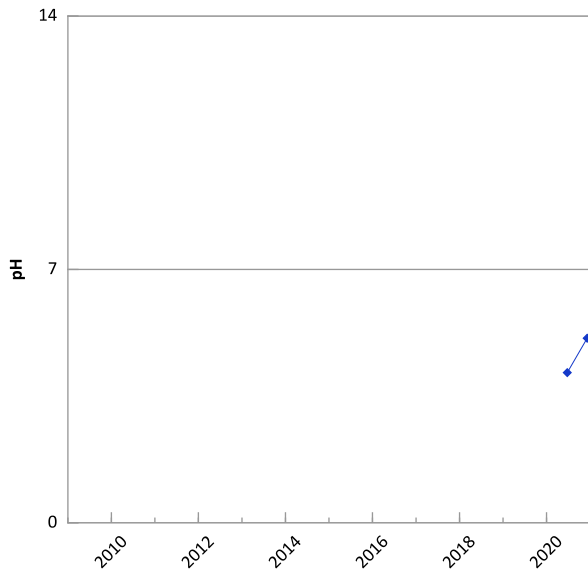
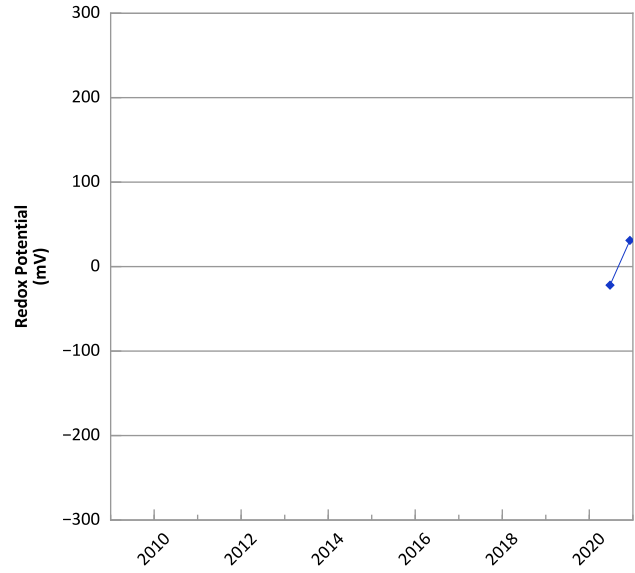
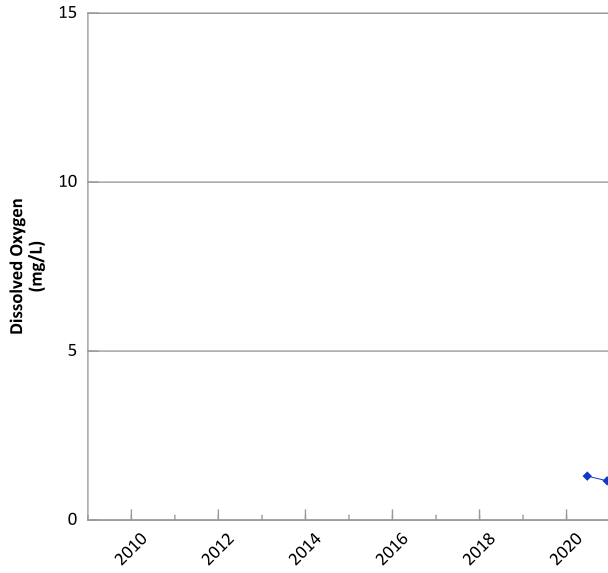
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/02/2020
Analysis Date: 06/03/2021

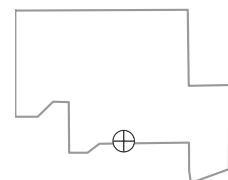
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



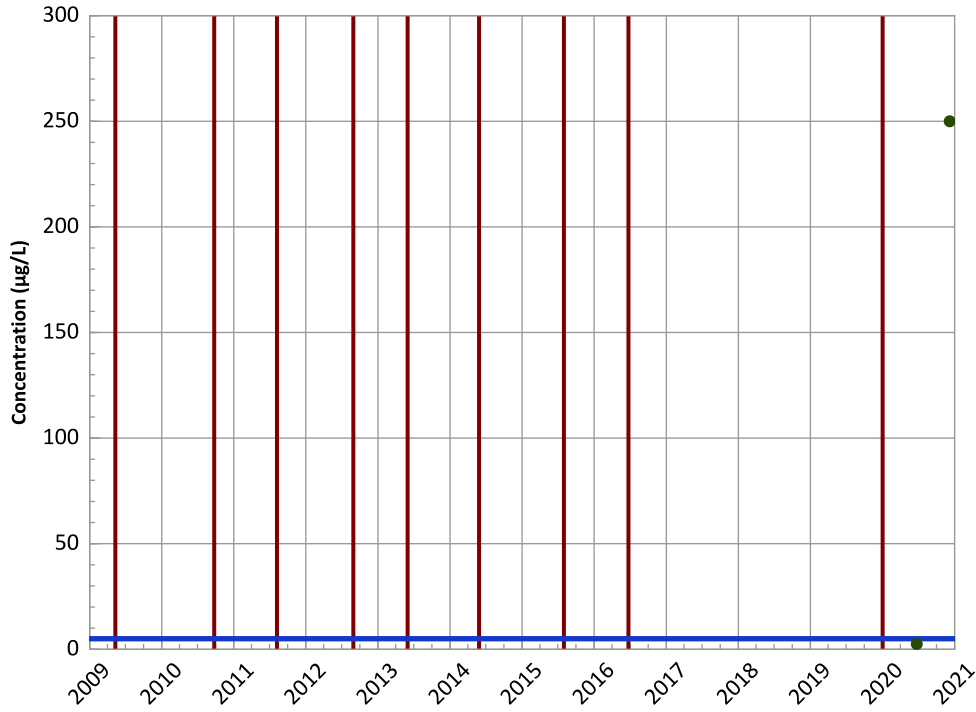
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 06/23/2020 to 12/07/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

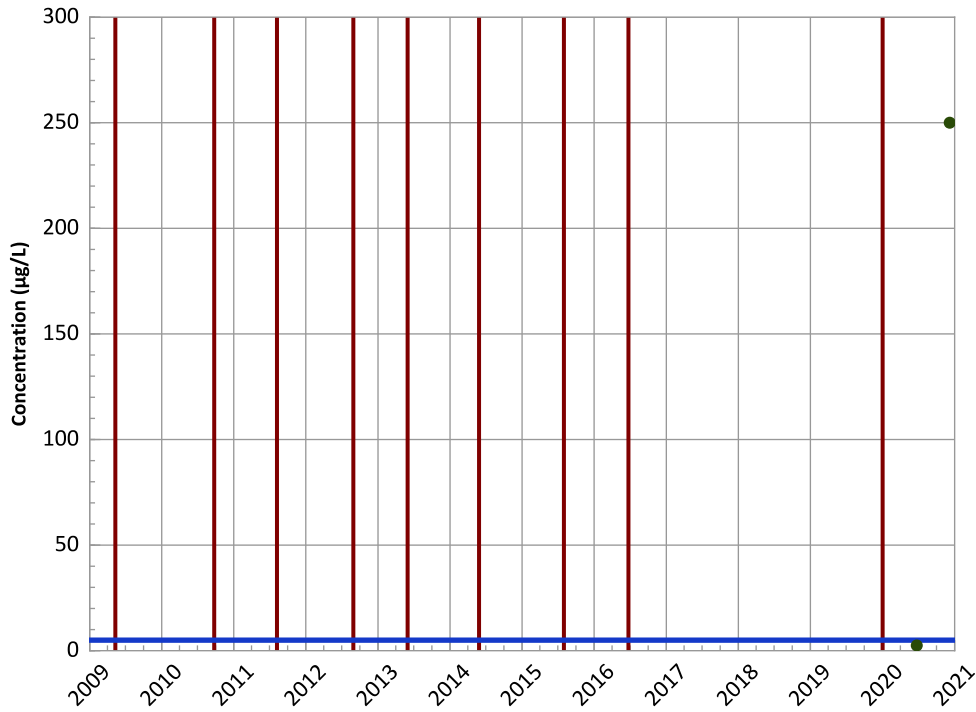
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

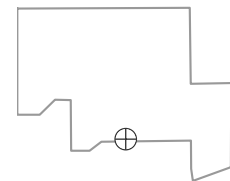
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

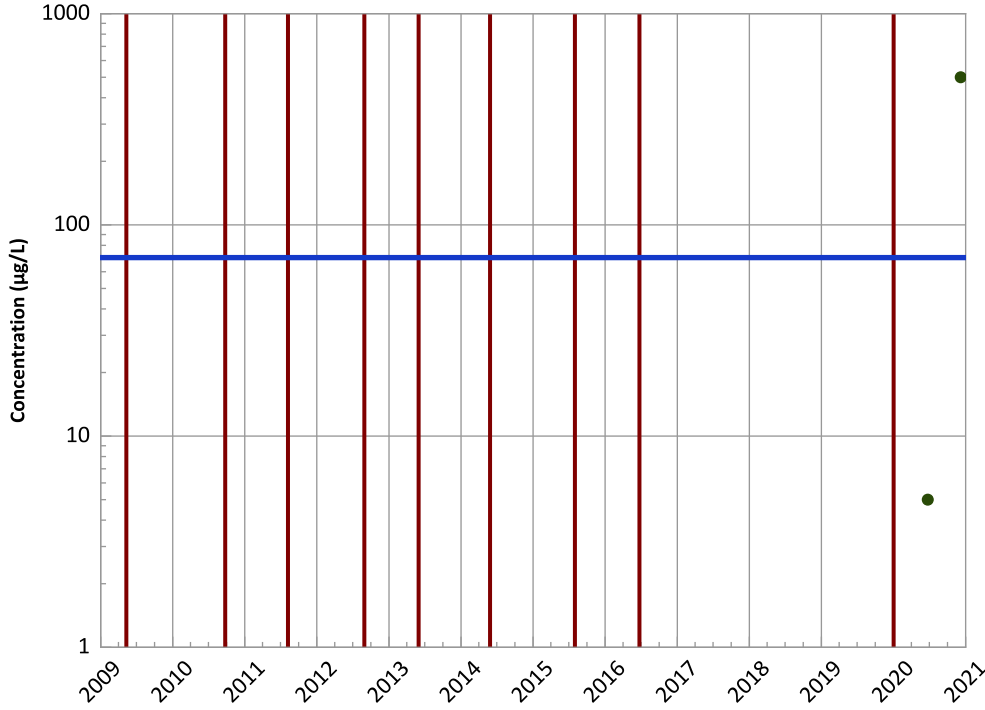


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

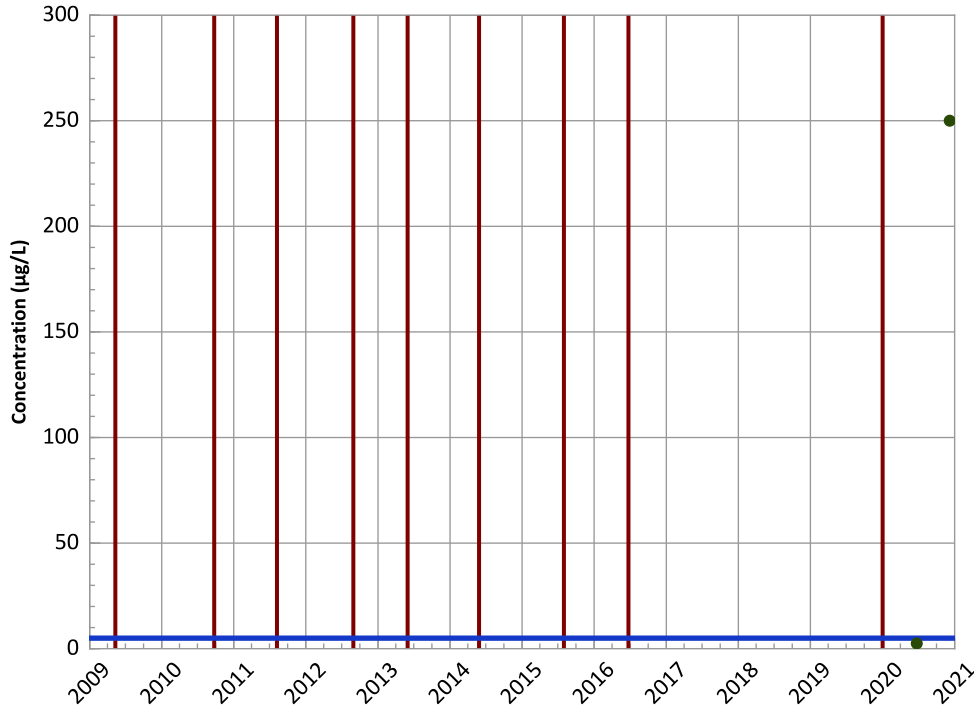


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

1,2-Dichloroethane Trend

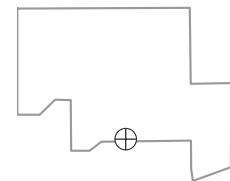


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

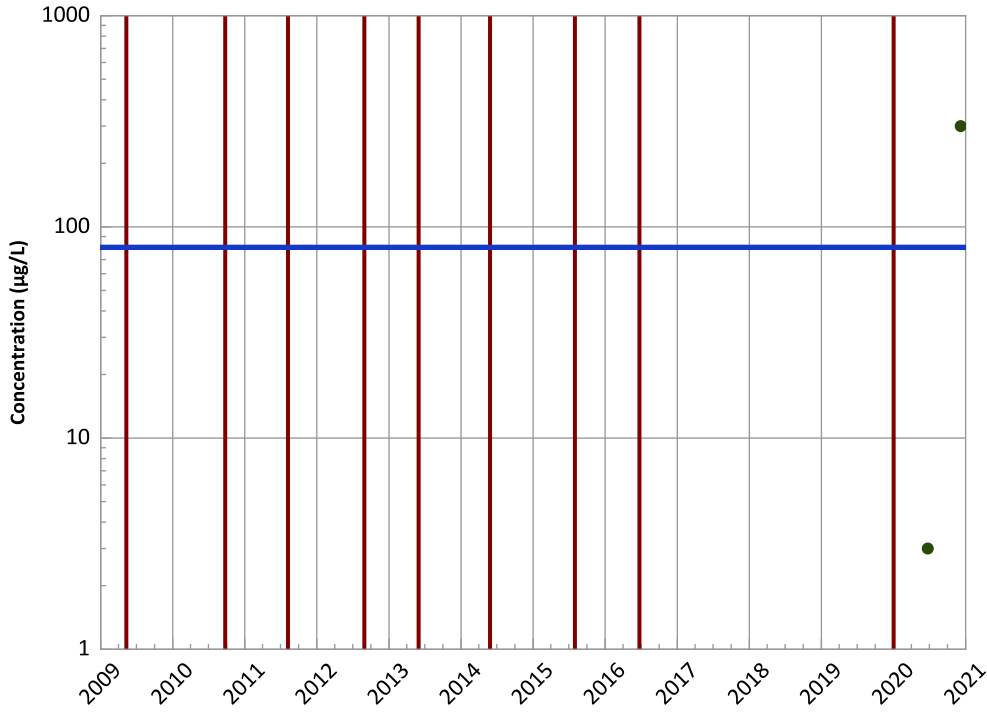


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

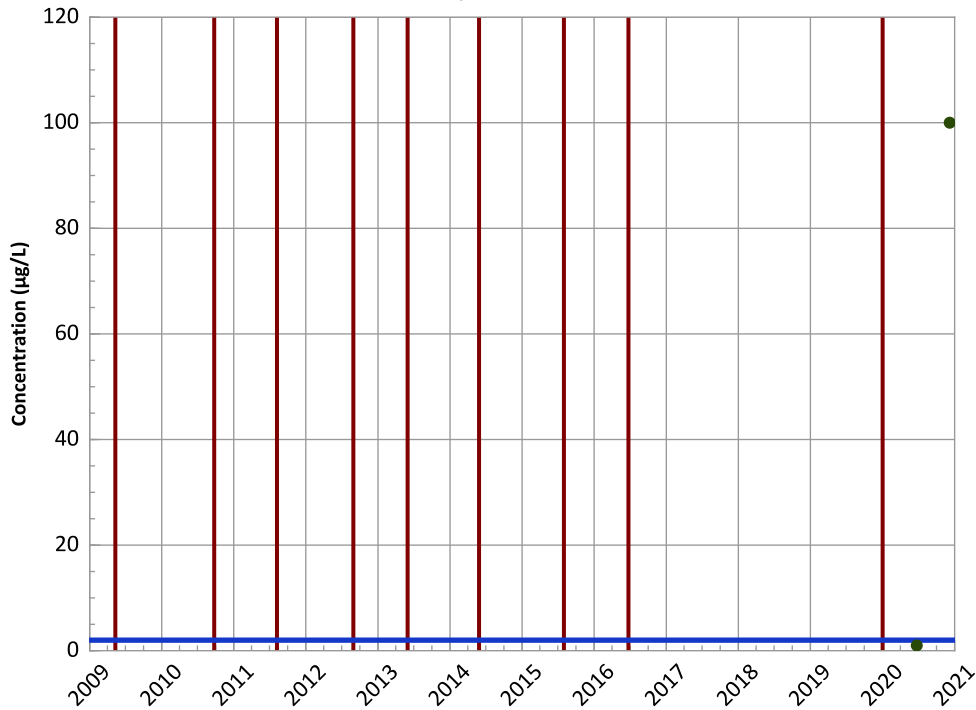


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Vinyl Chloride Trend

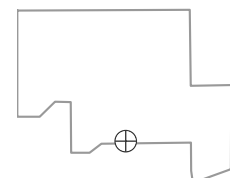


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

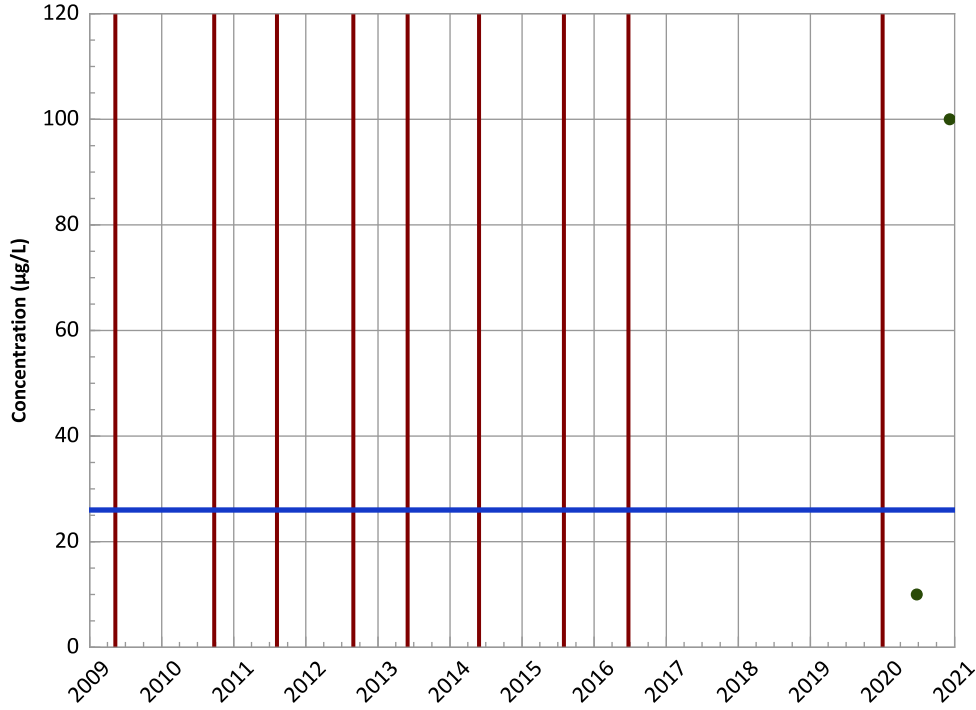


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

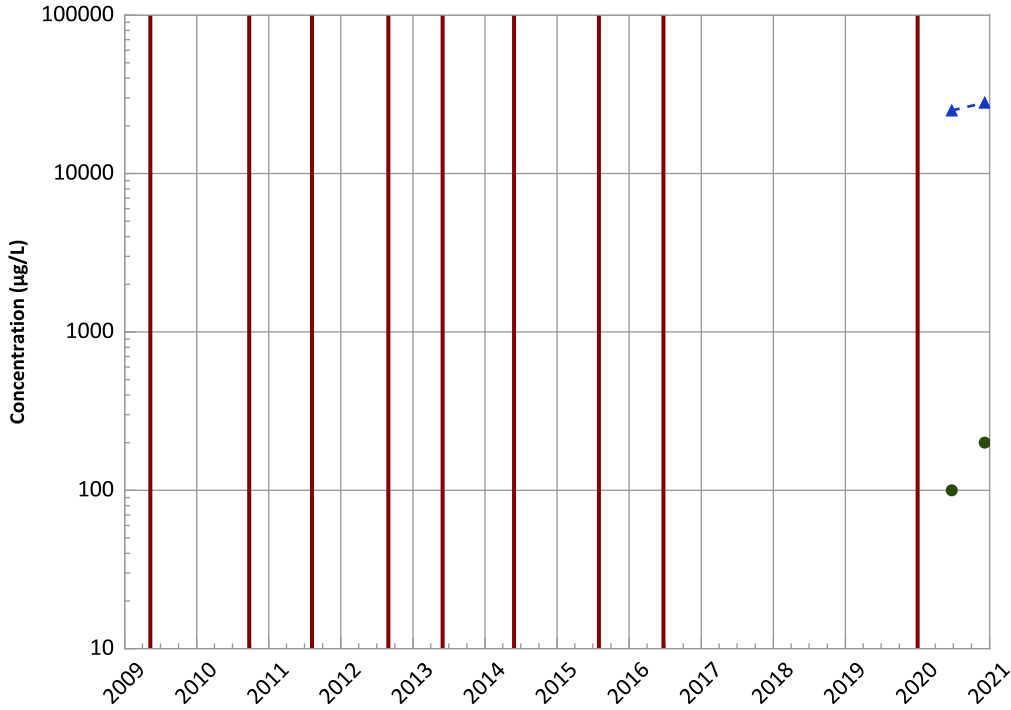
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

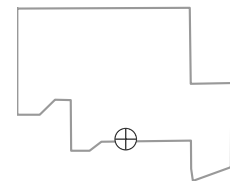
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

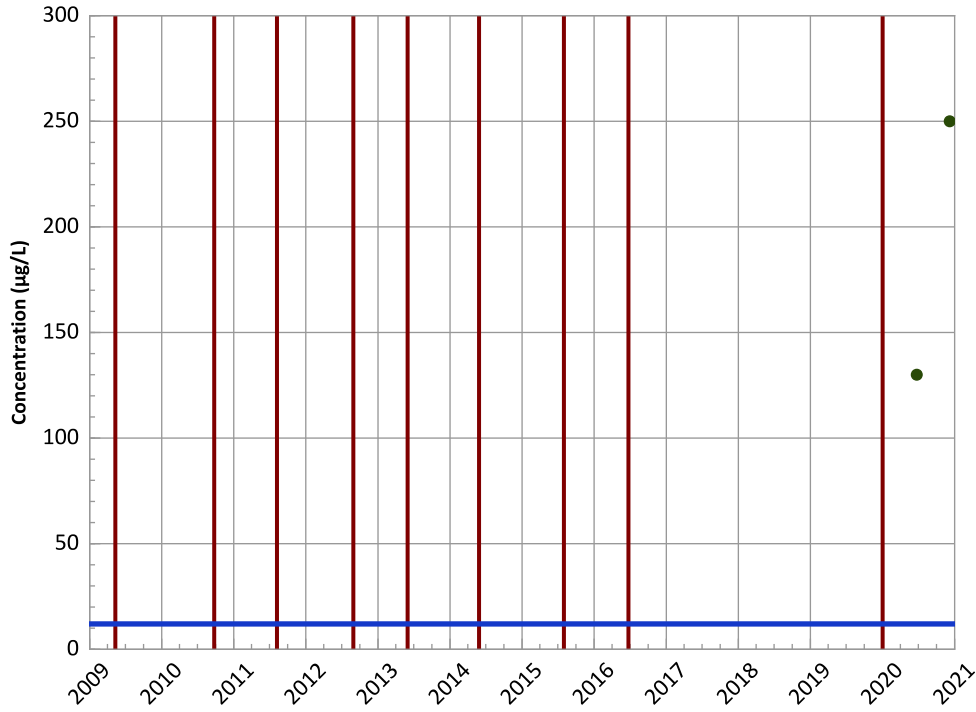


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



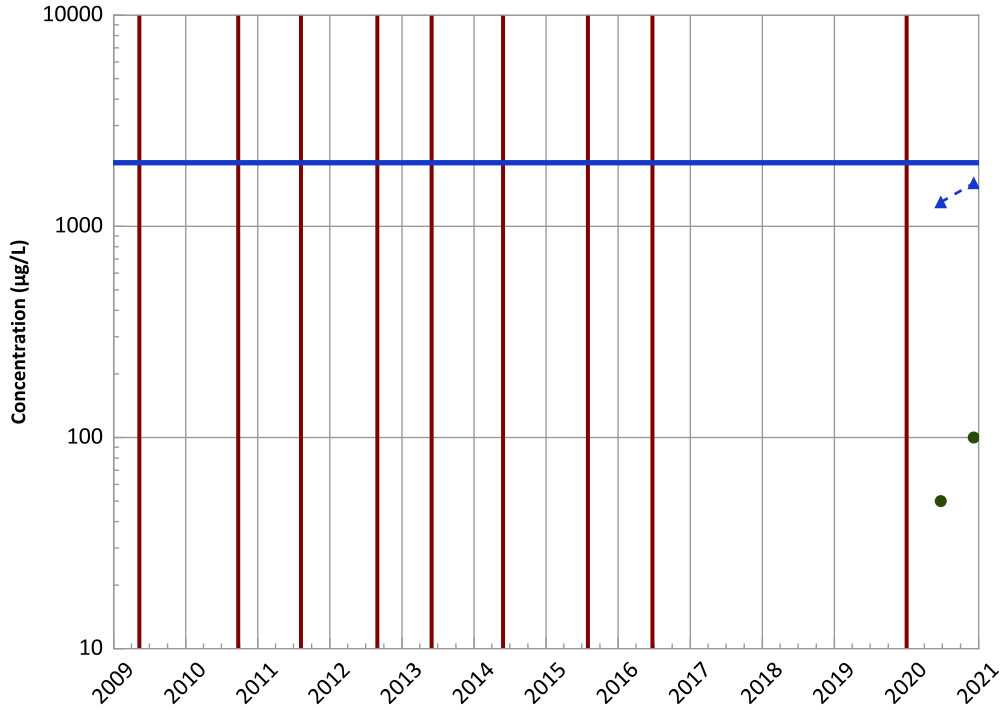
Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Barium Trend



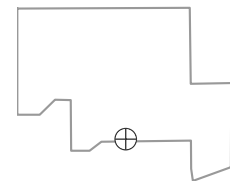
Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

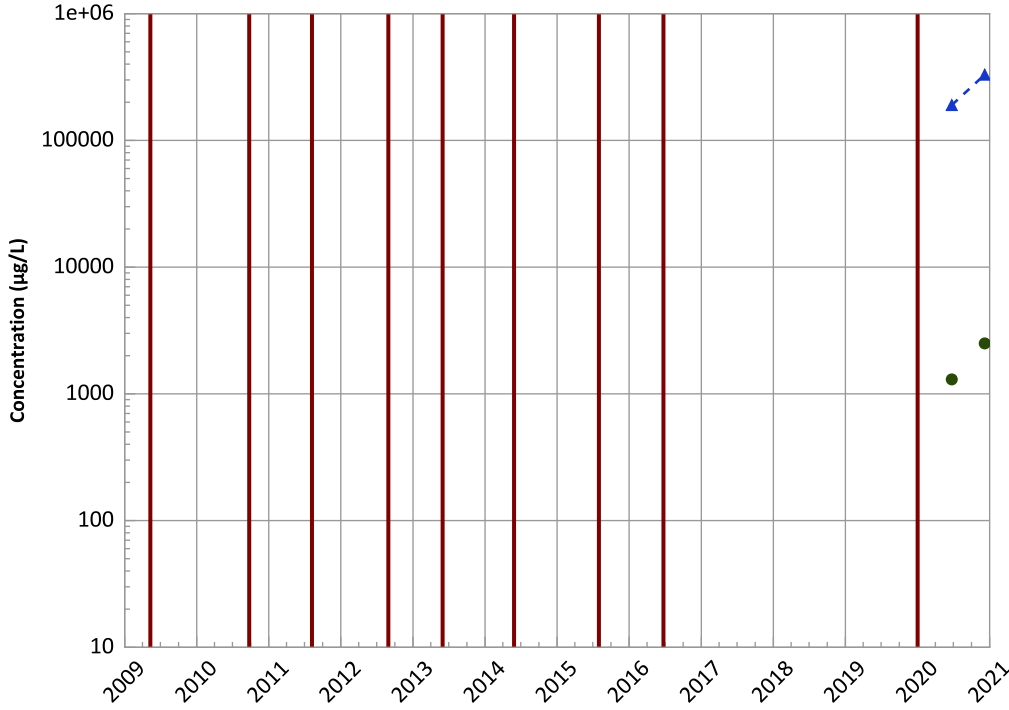


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

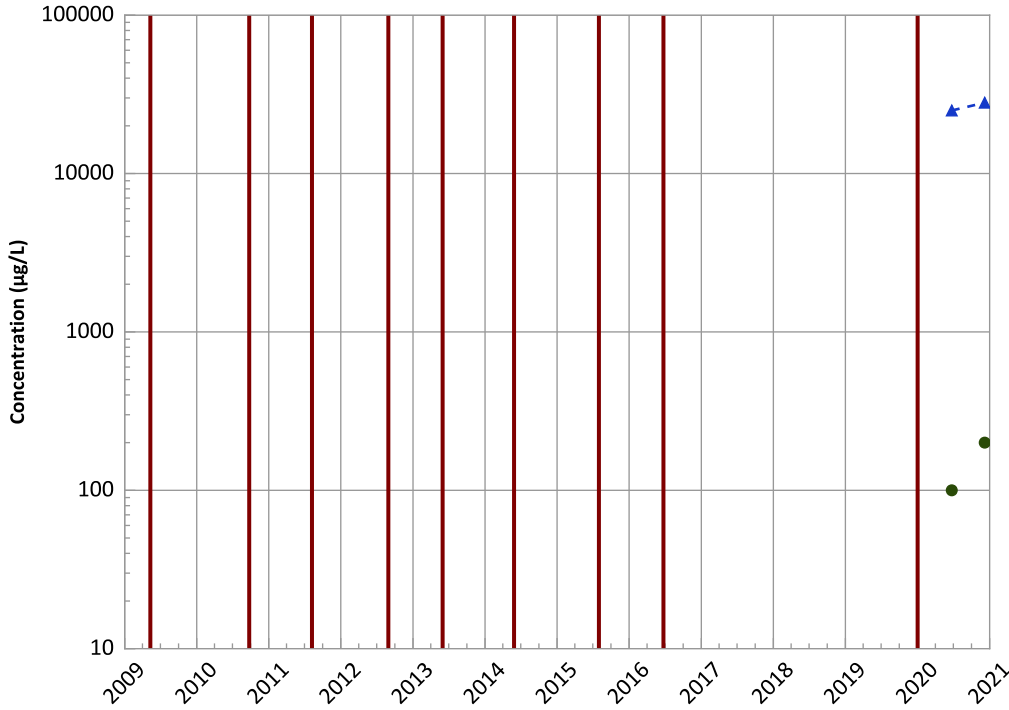
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

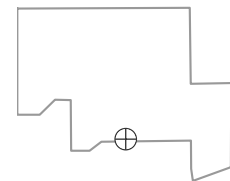
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

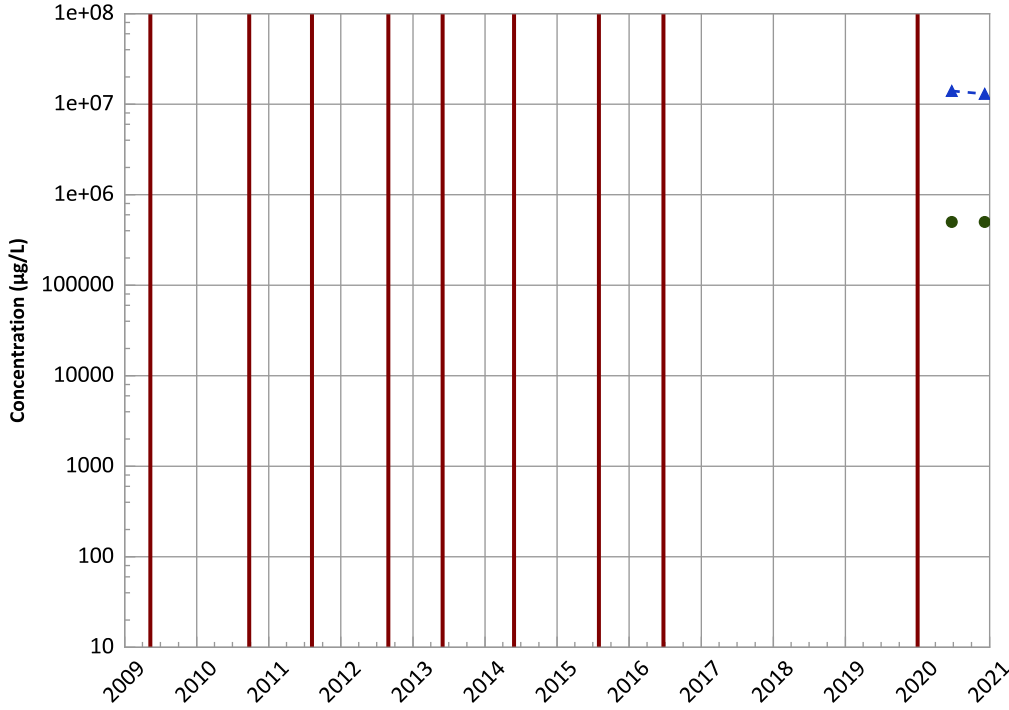


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

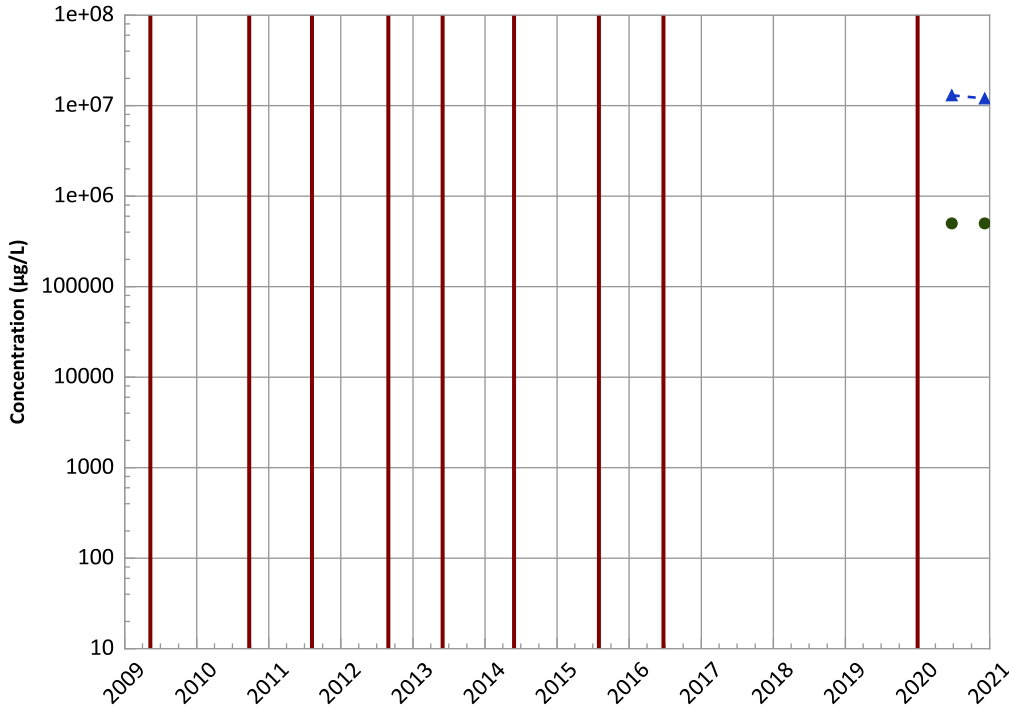


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend

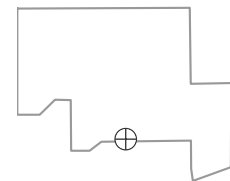


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

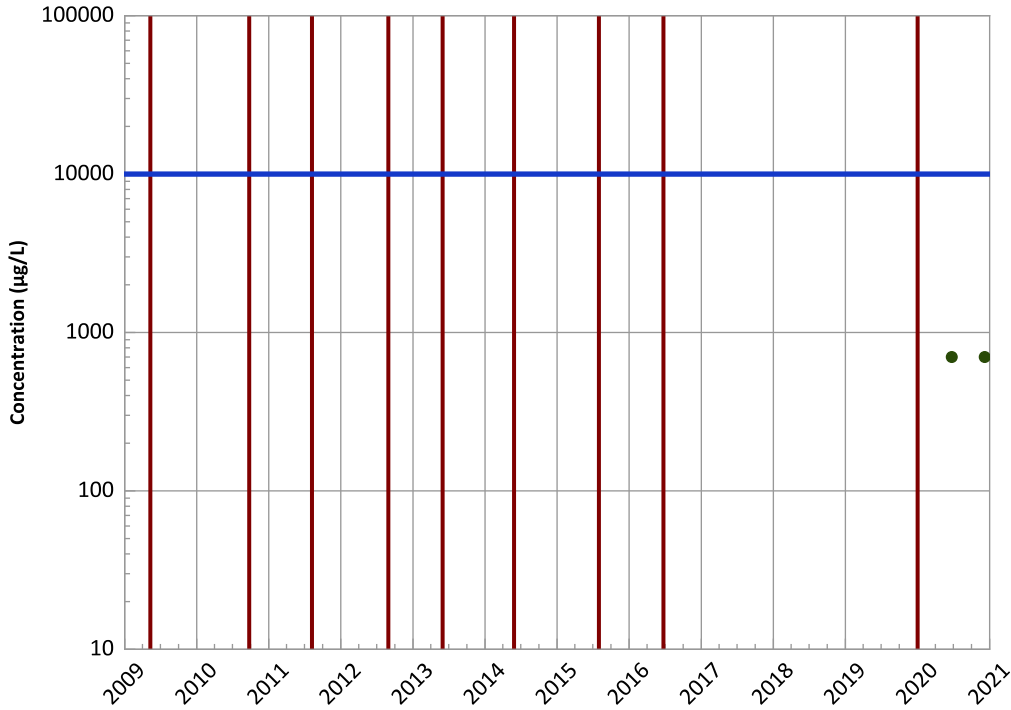


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

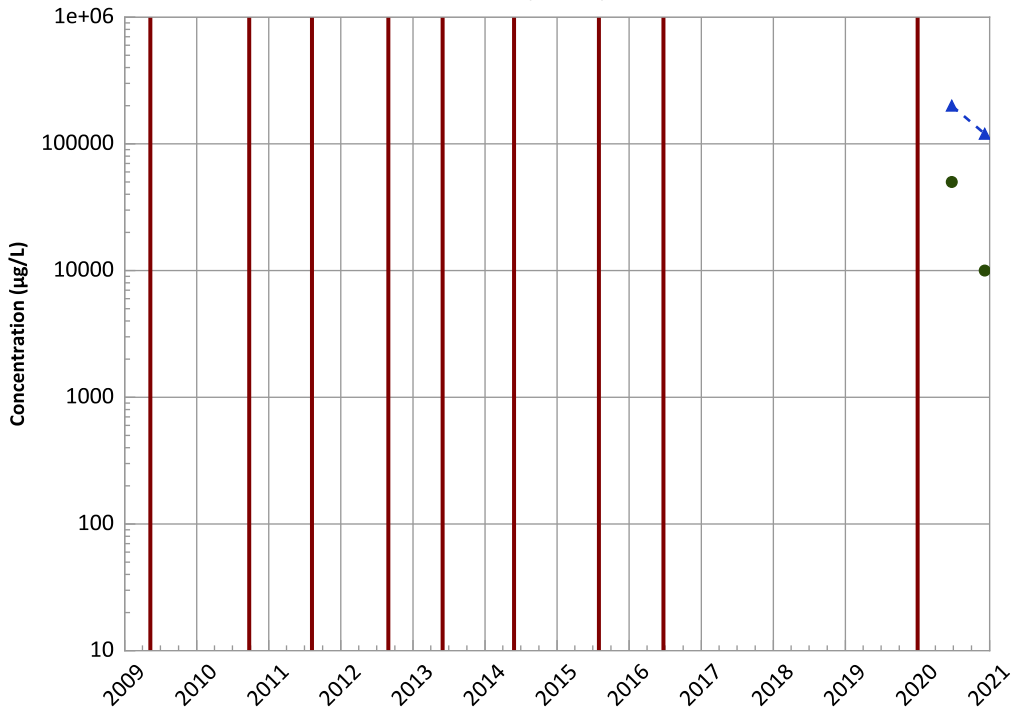


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Sulfate (as SO4) Trend

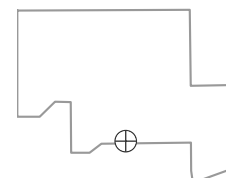


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

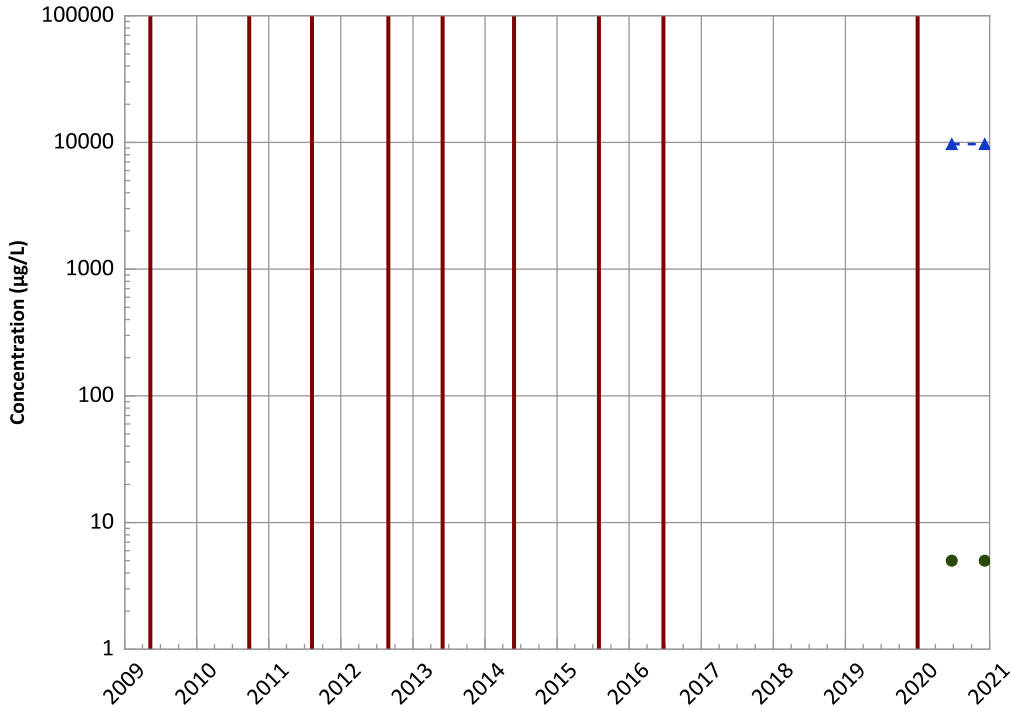


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

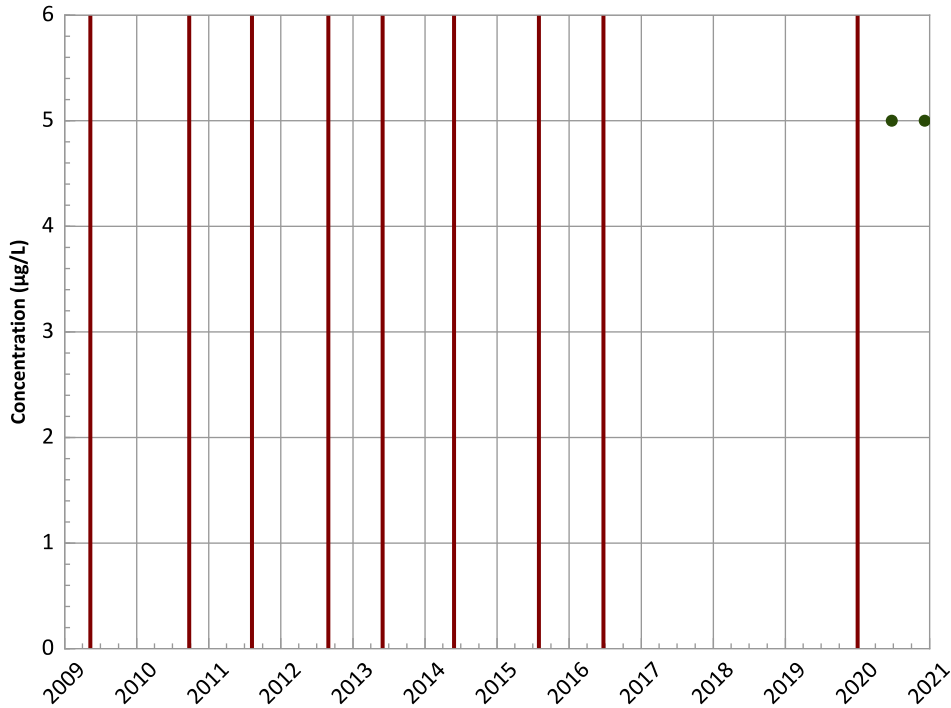
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Ethane Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

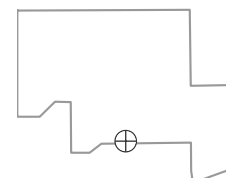
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

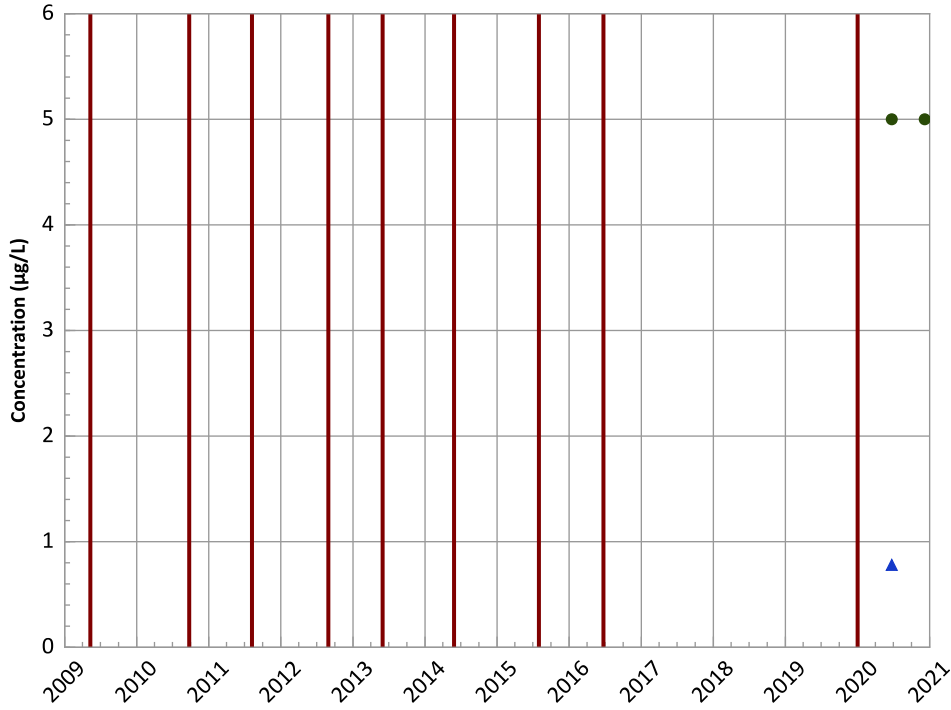


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

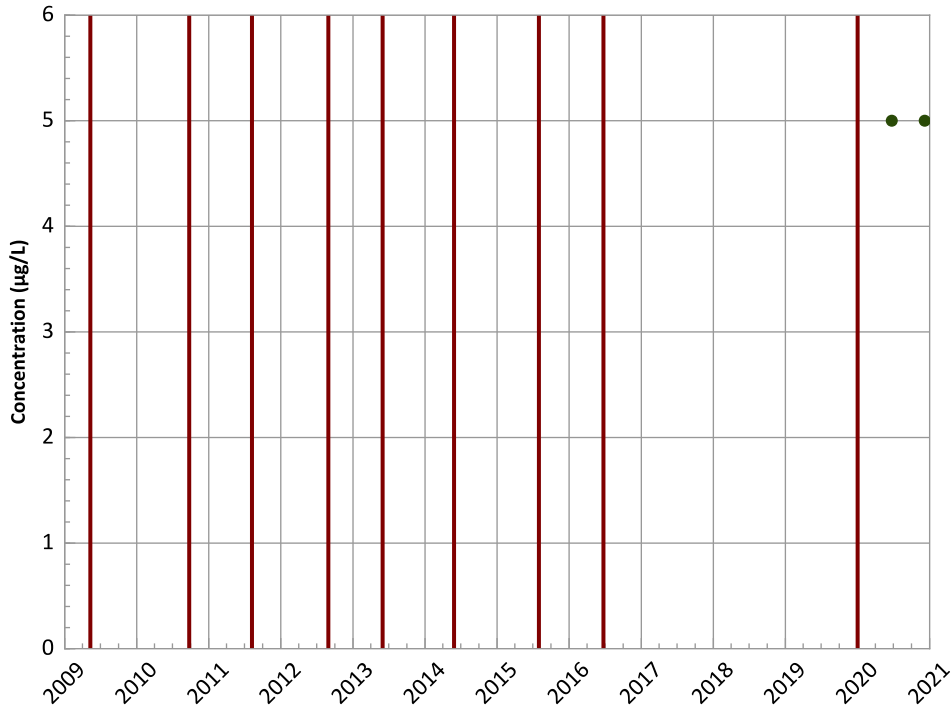


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Trend

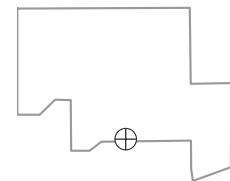


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

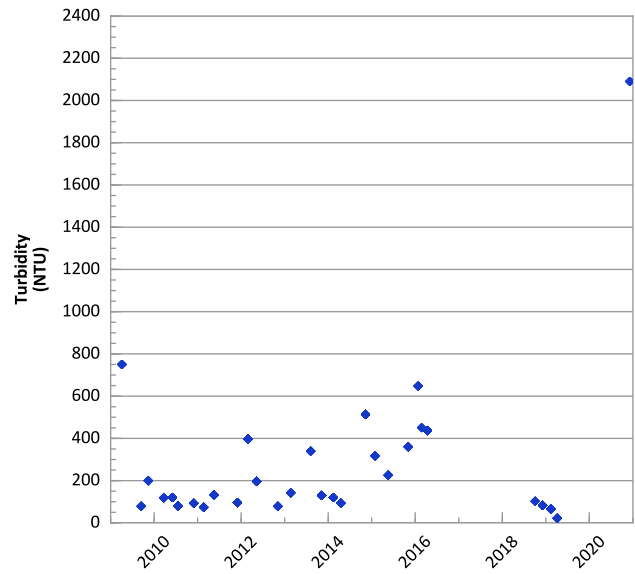
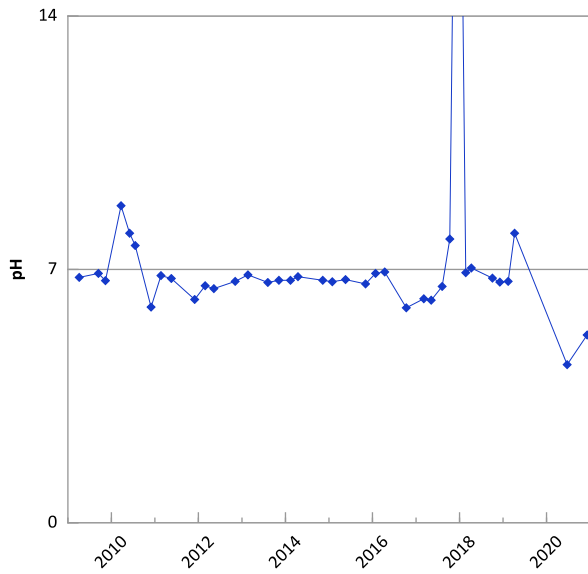
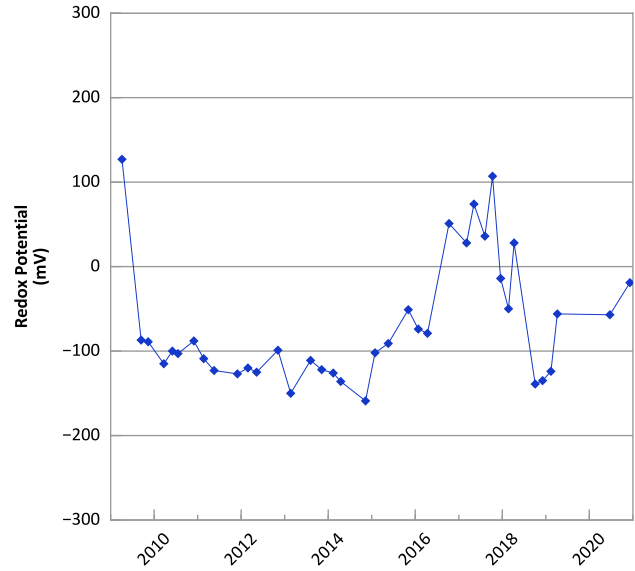
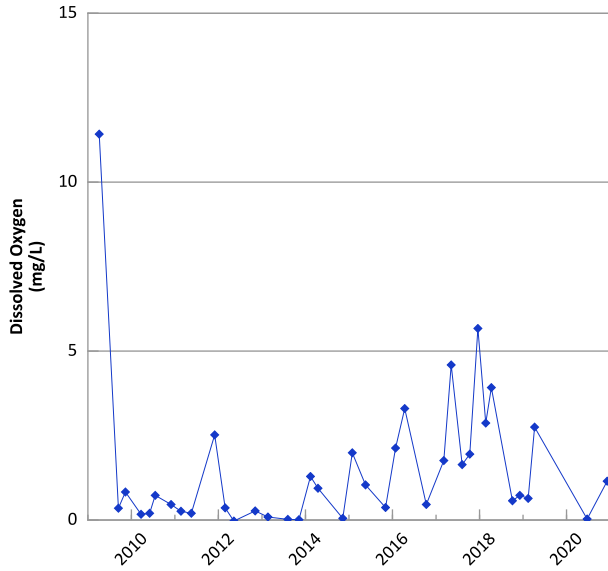
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 06/23/2020 to 12/07/2020
Analysis Date: 06/03/2021

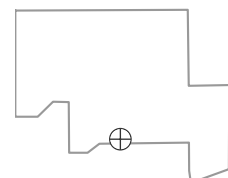
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



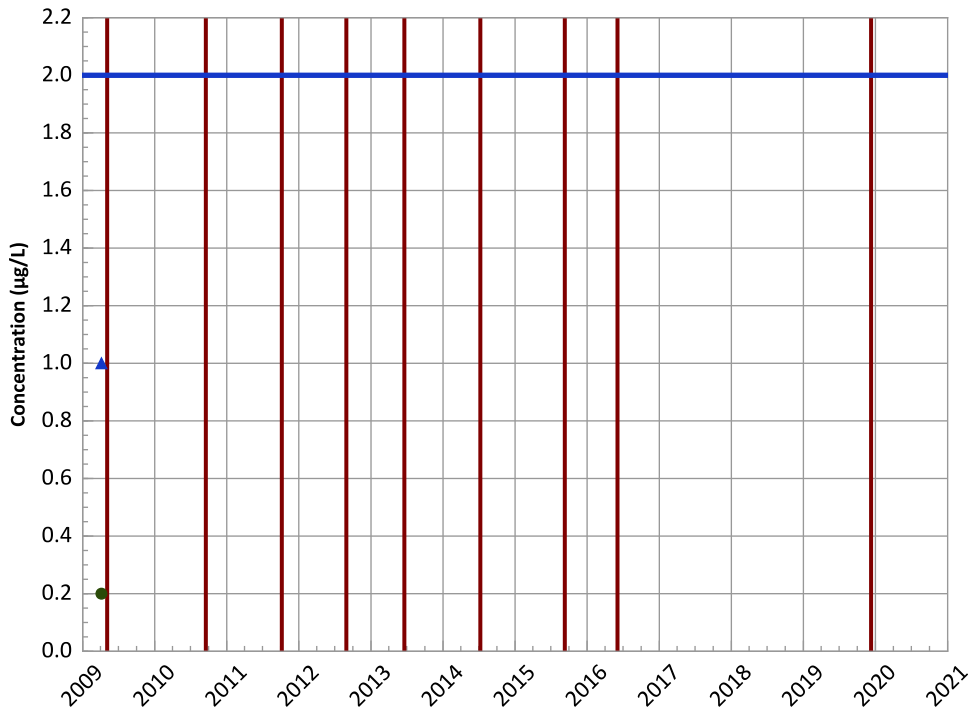
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 04/06/2009 to 12/07/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

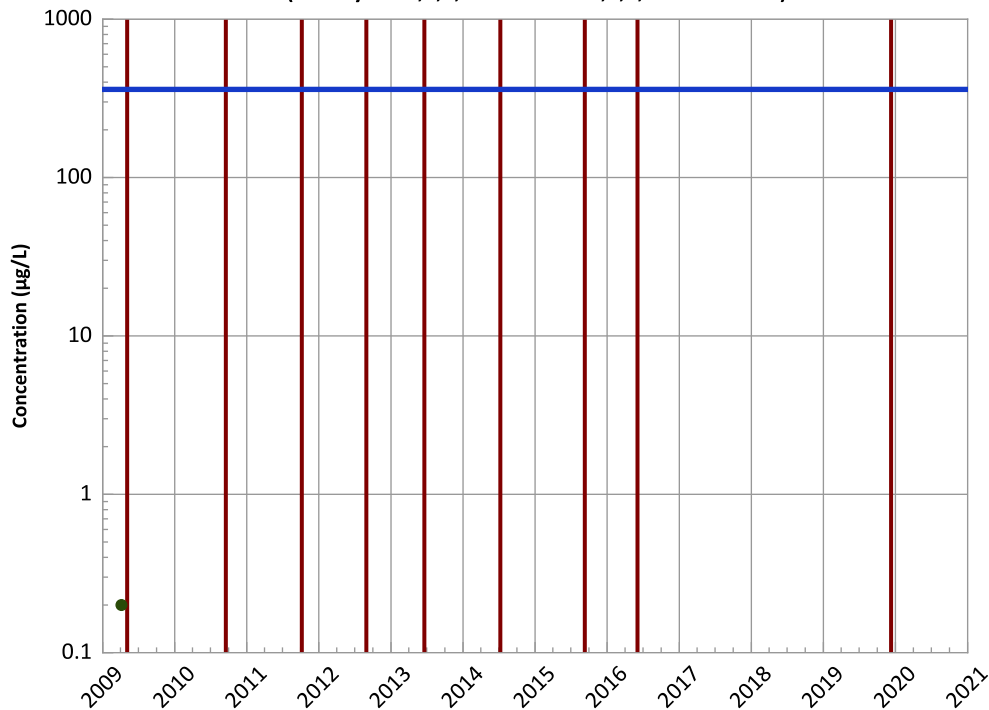


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

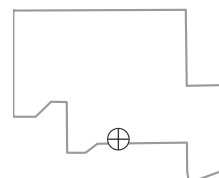


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

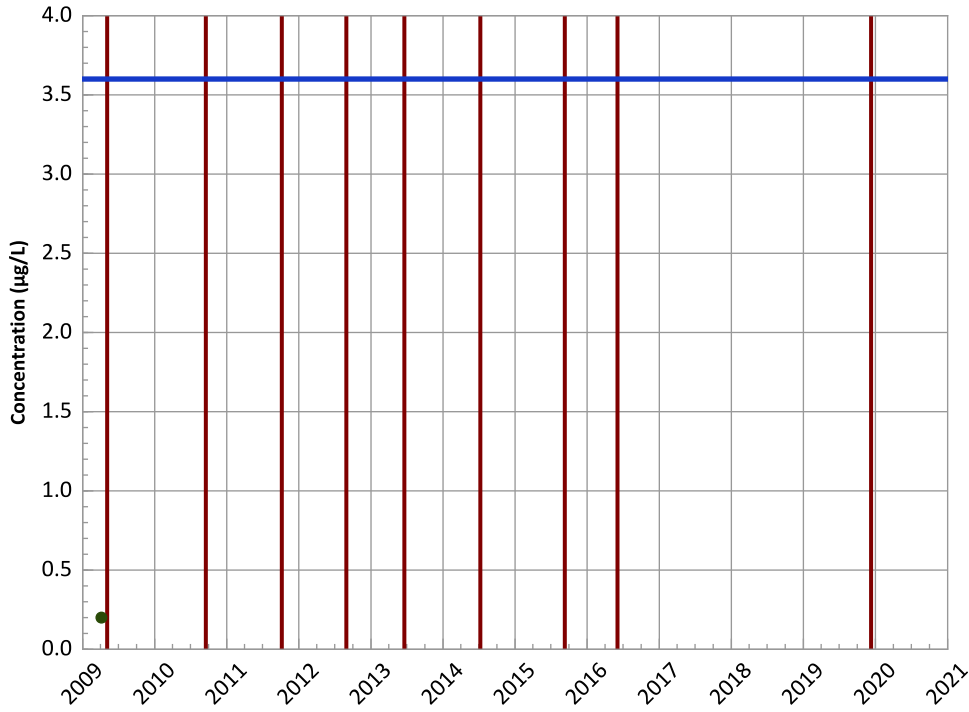


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

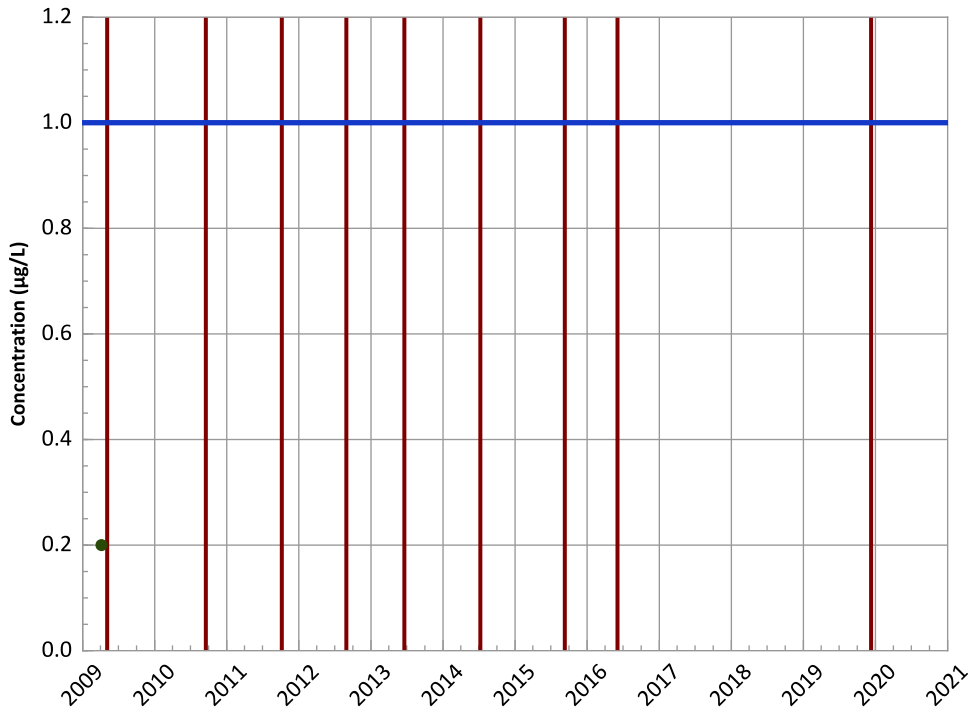


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

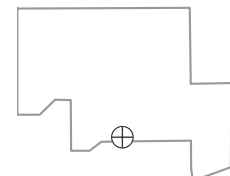


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

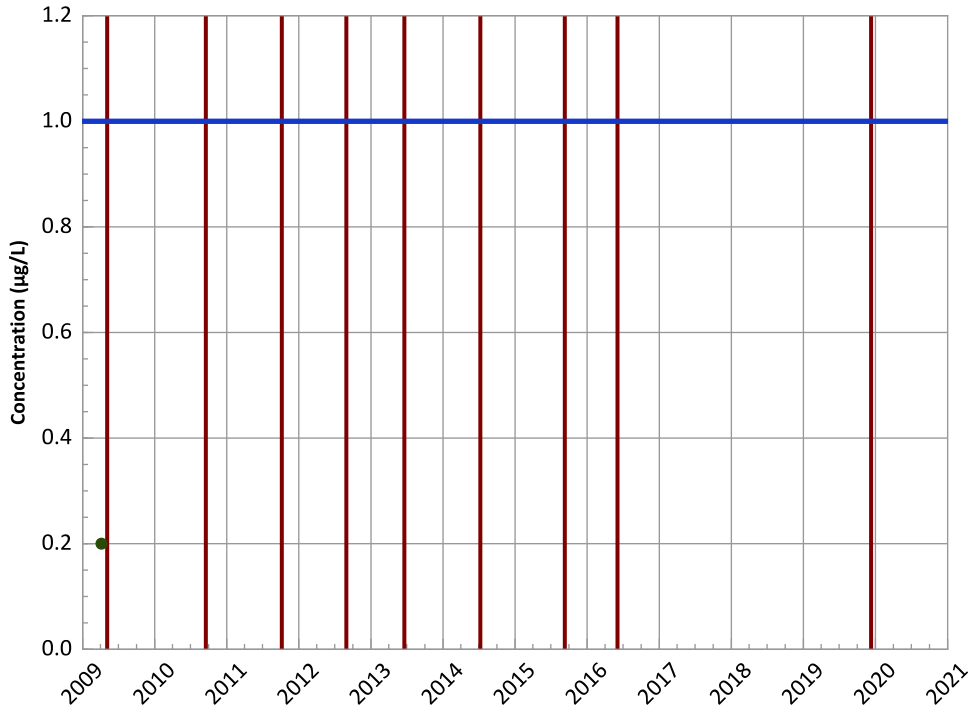


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

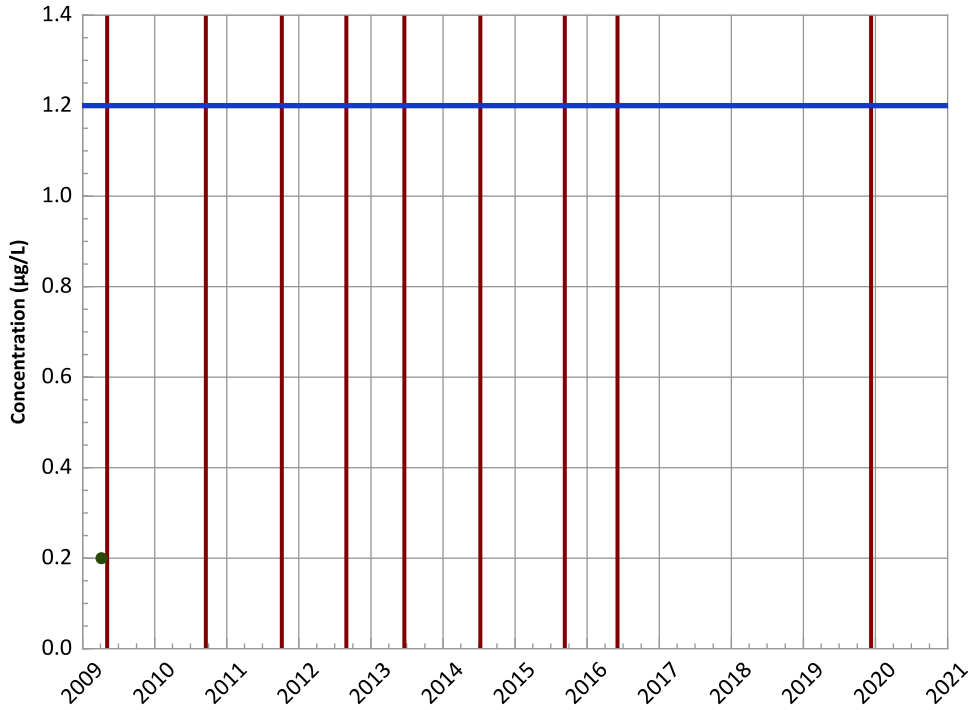


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

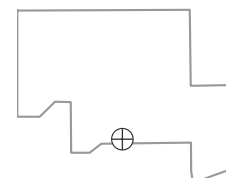


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

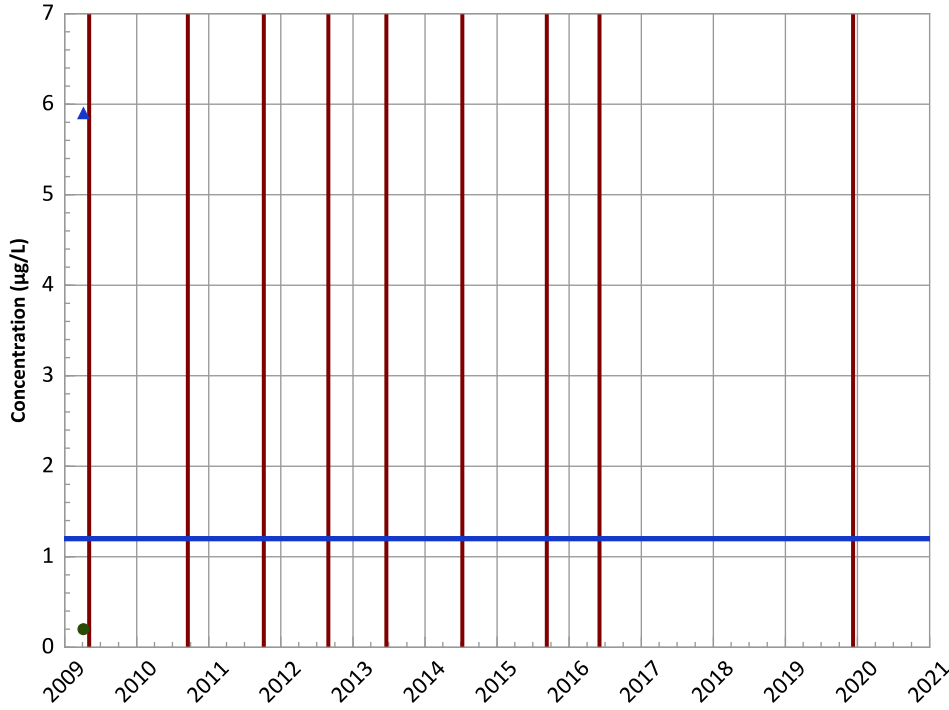


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

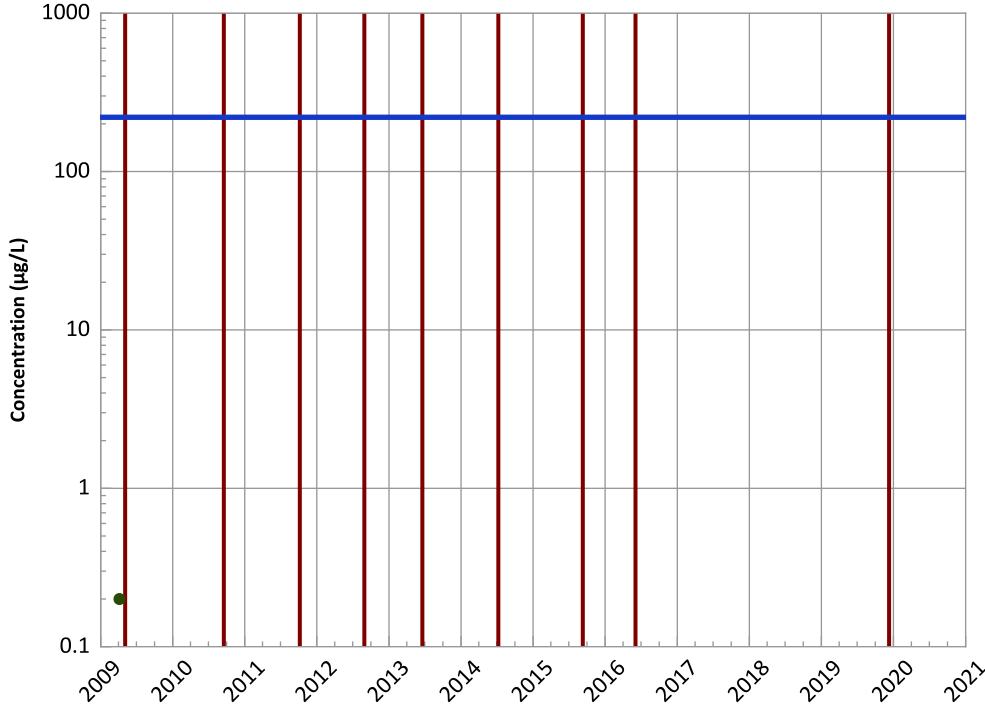
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

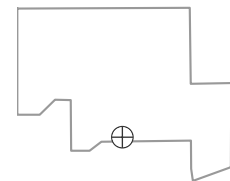
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

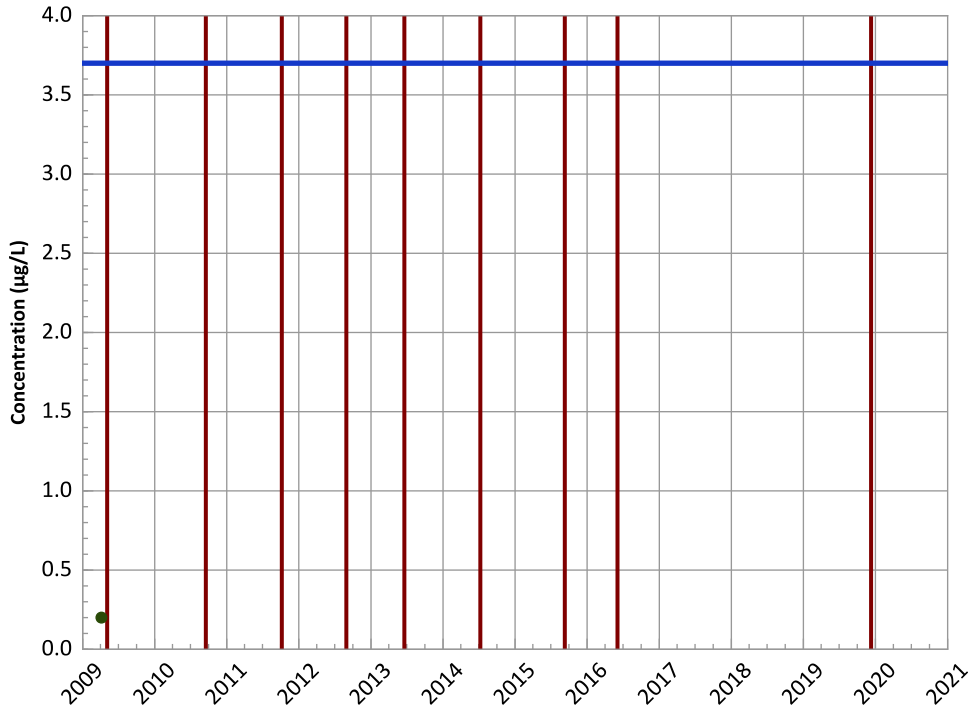


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

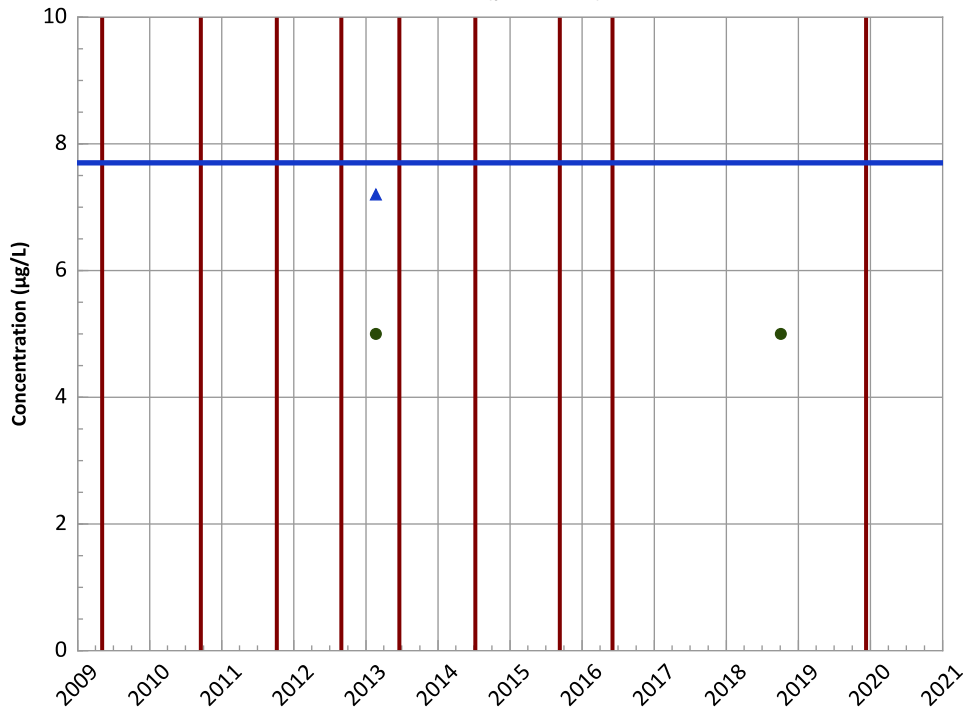
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

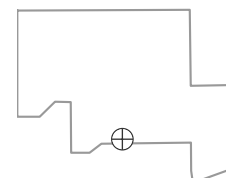
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

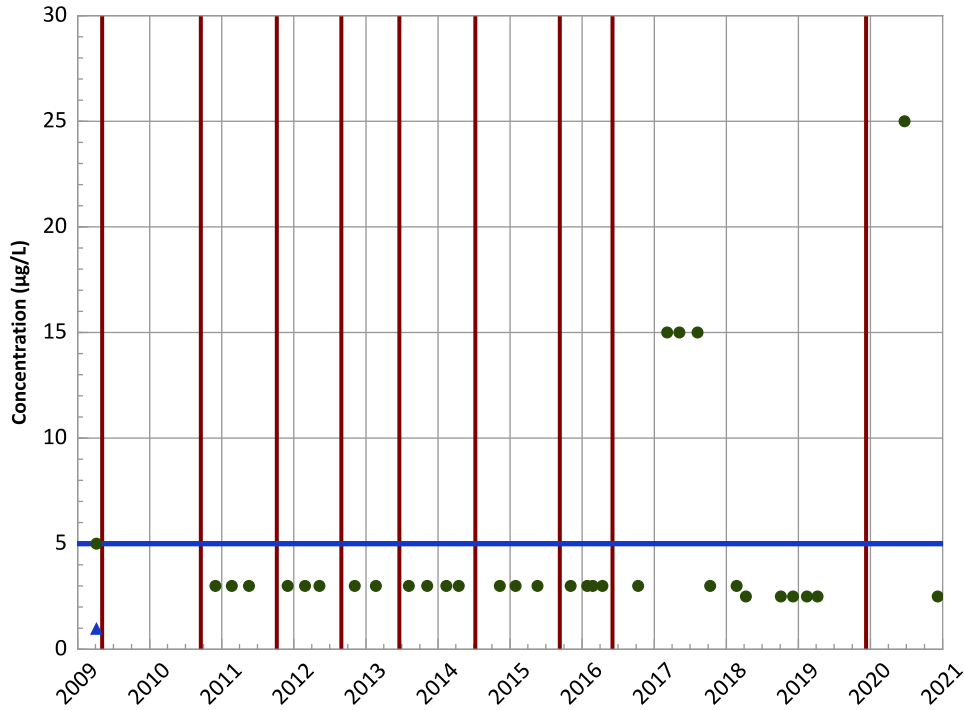


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

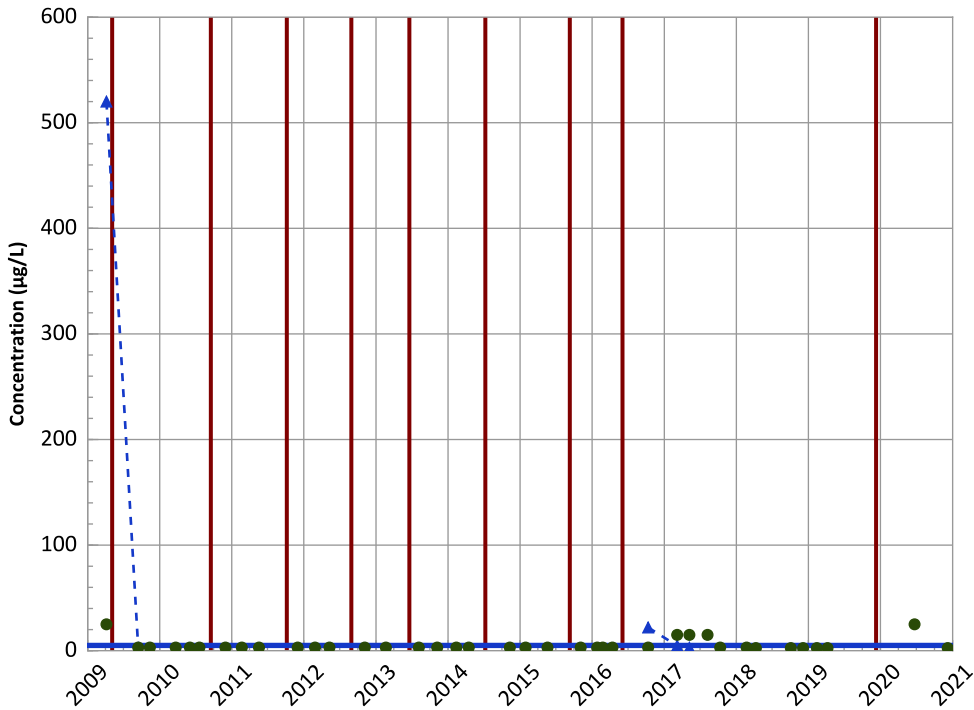


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend

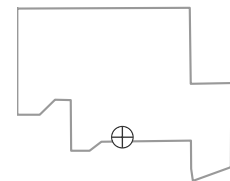


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
No Trend

Well Location

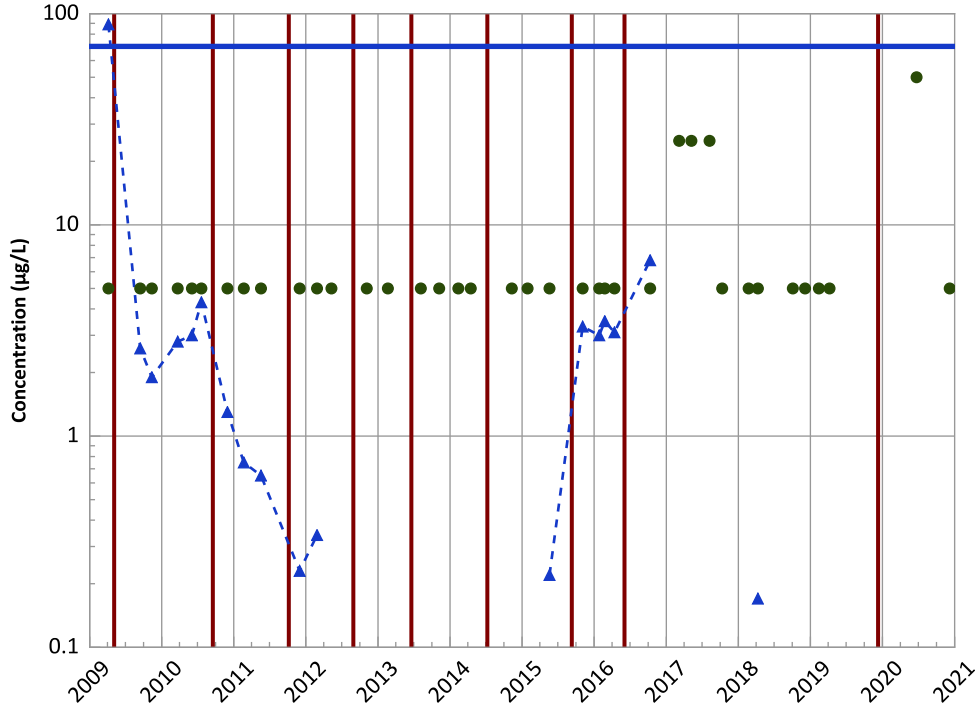


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend

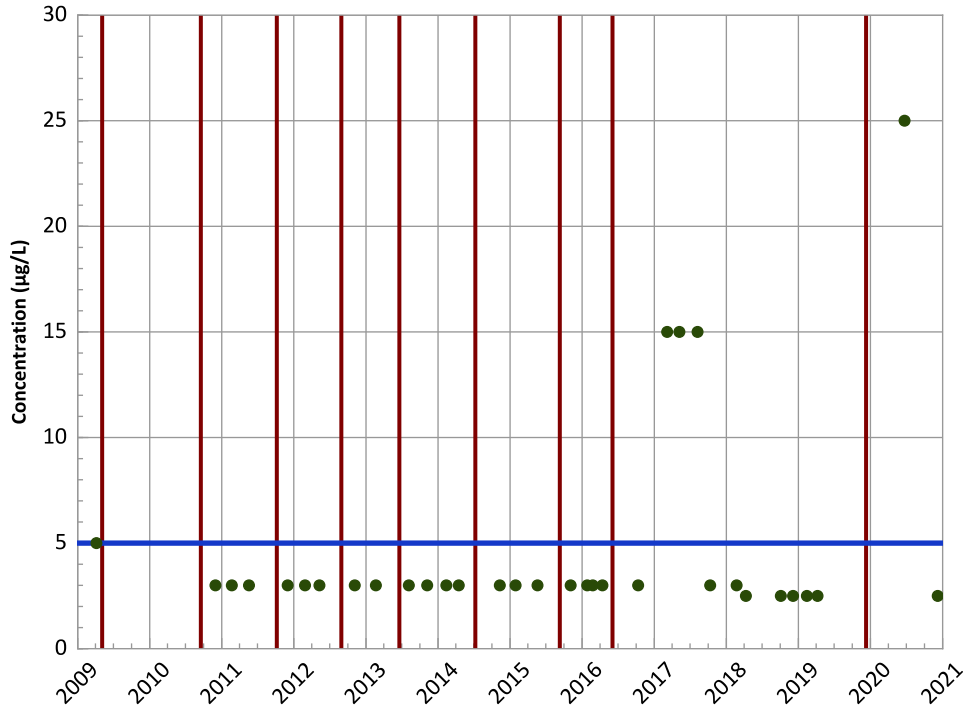
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Stable

2018 - 2020 Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect

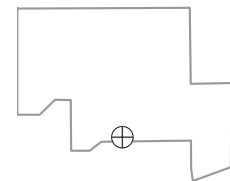
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
All Non-Detect

2018 - 2020 Data:
All Non-Detect

Well Location

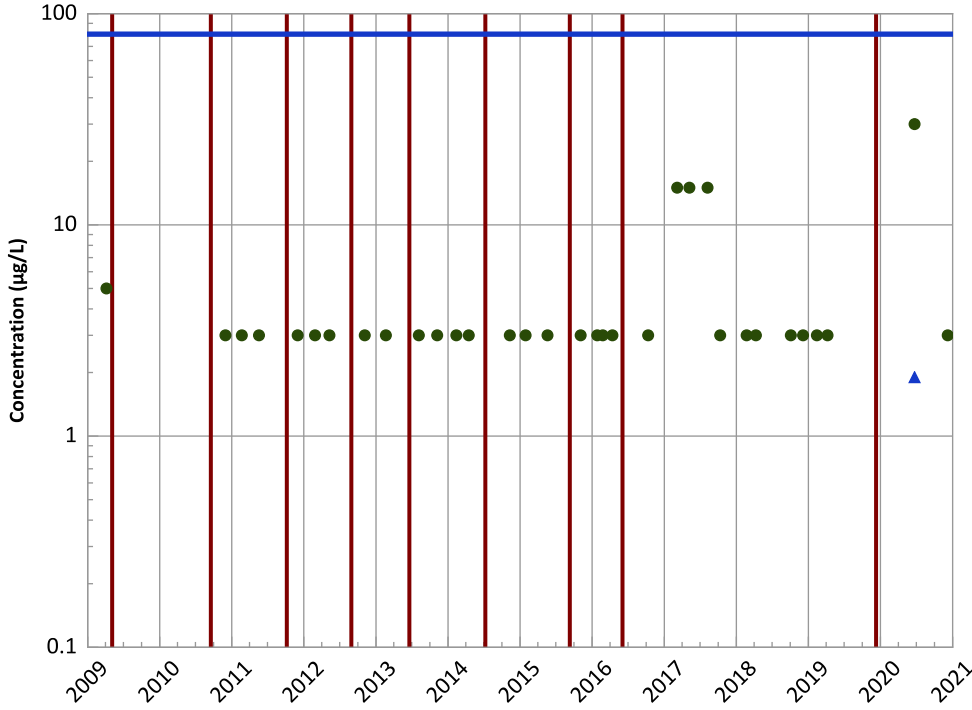


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)

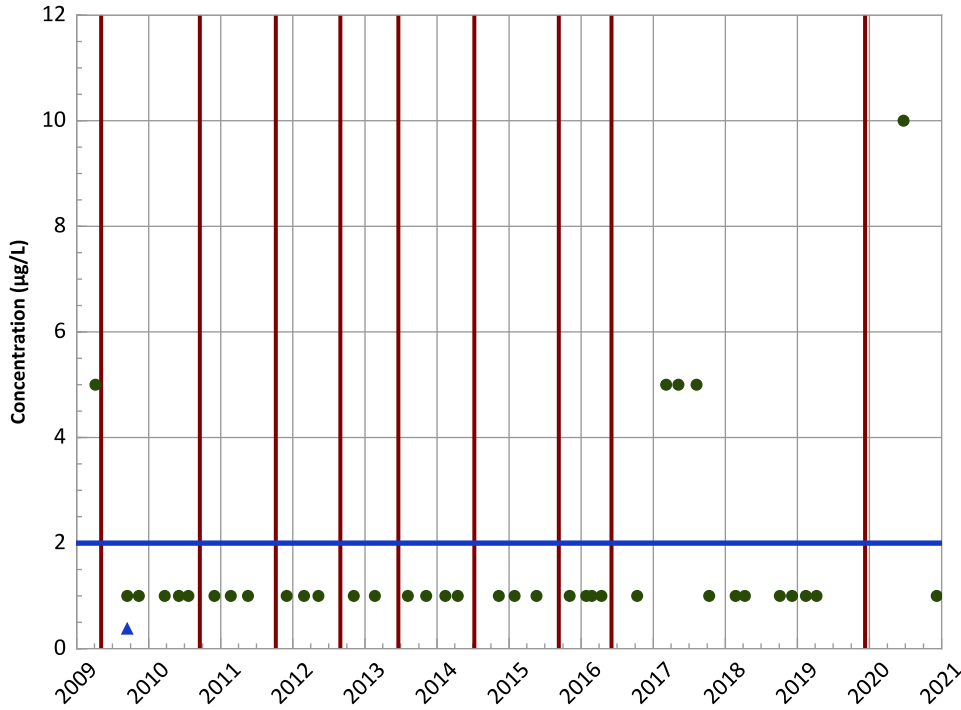
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)

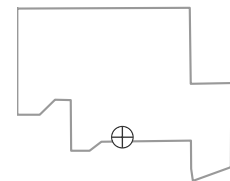
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

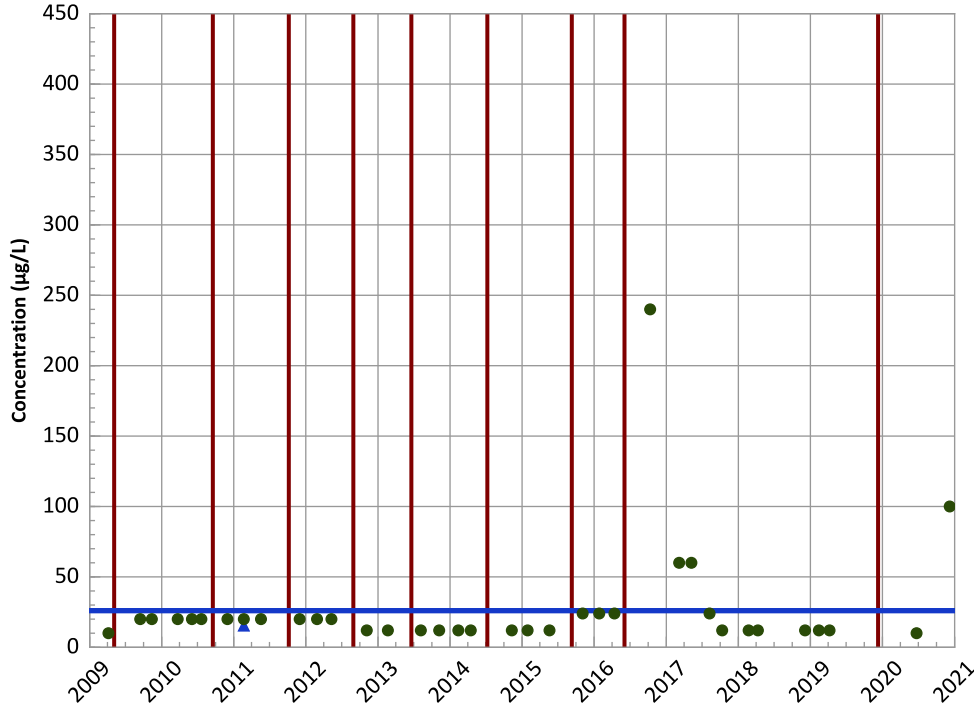


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

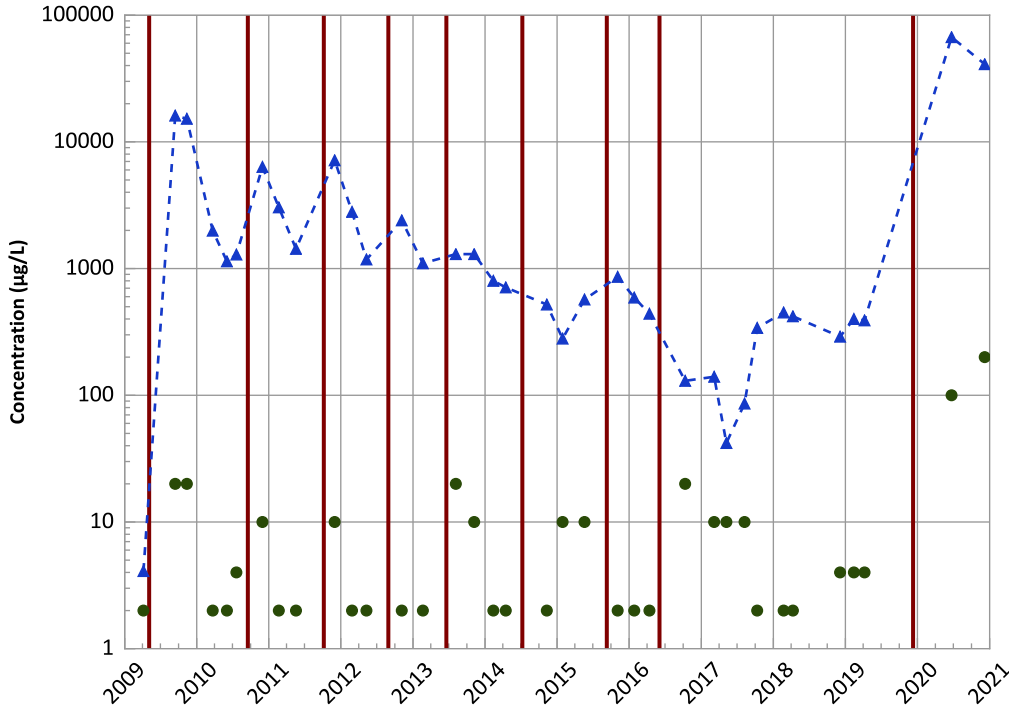


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Manganese Trend

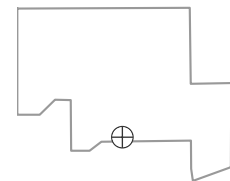


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

Well Location

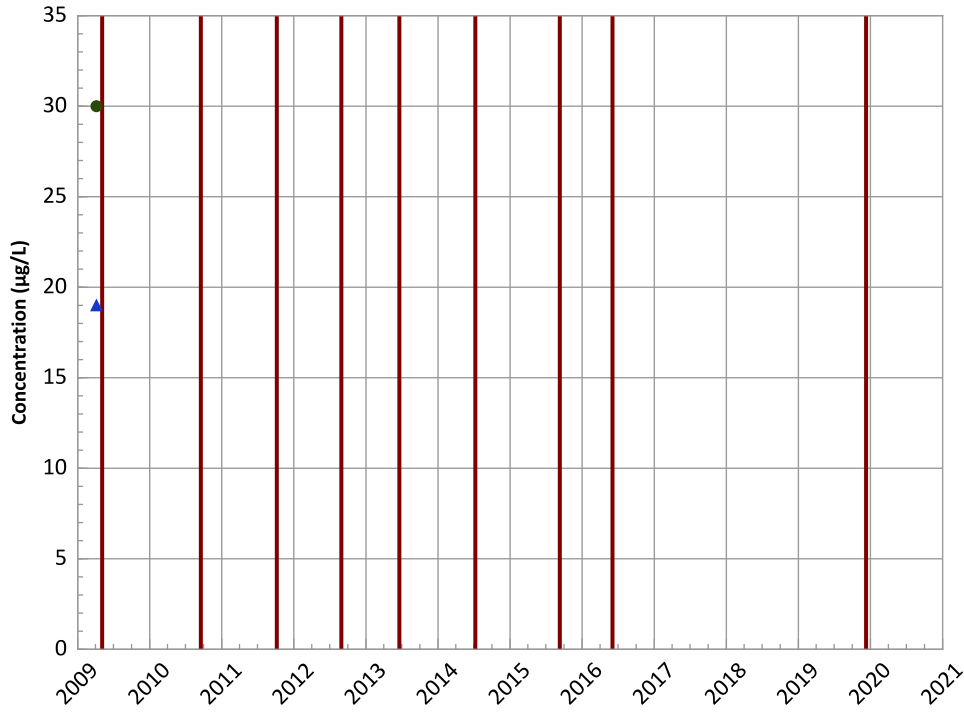


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

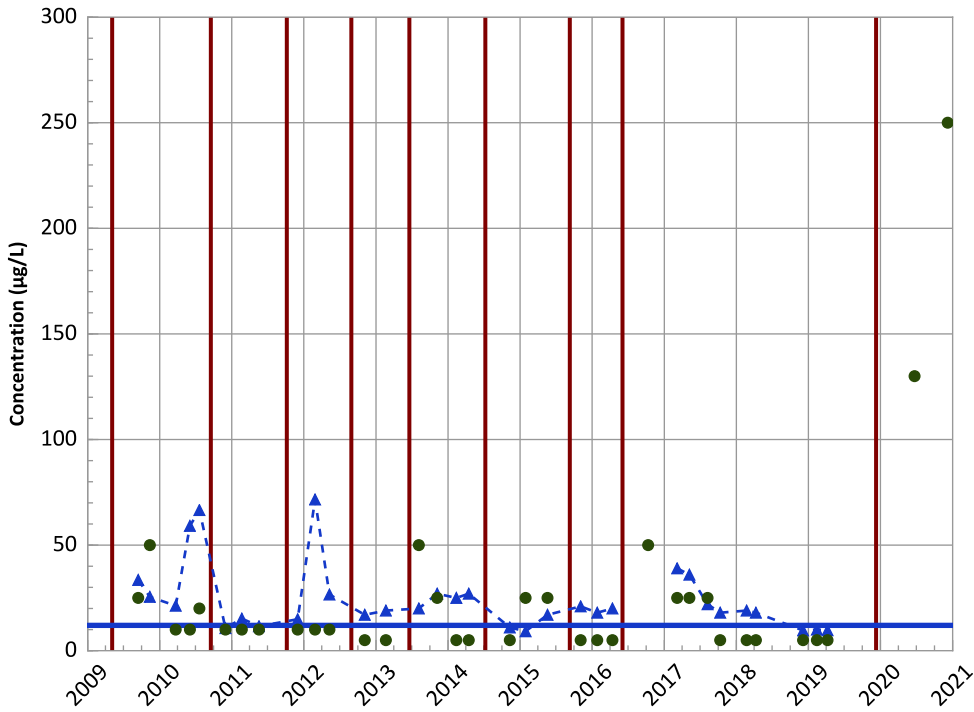


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend

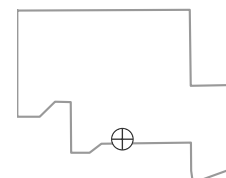


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Well Location

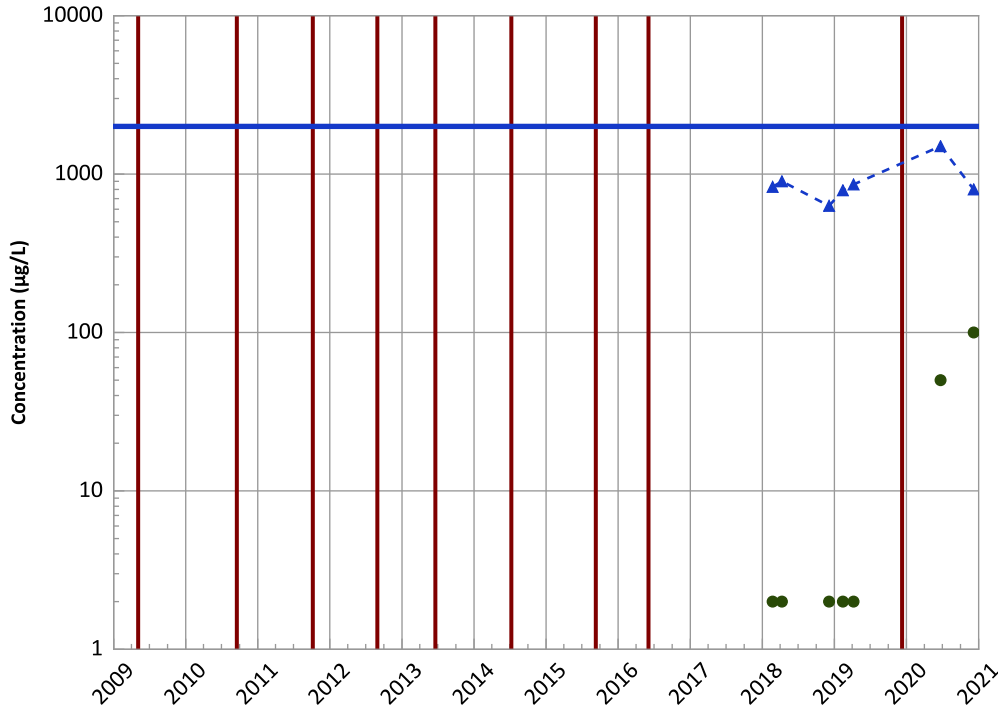


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend

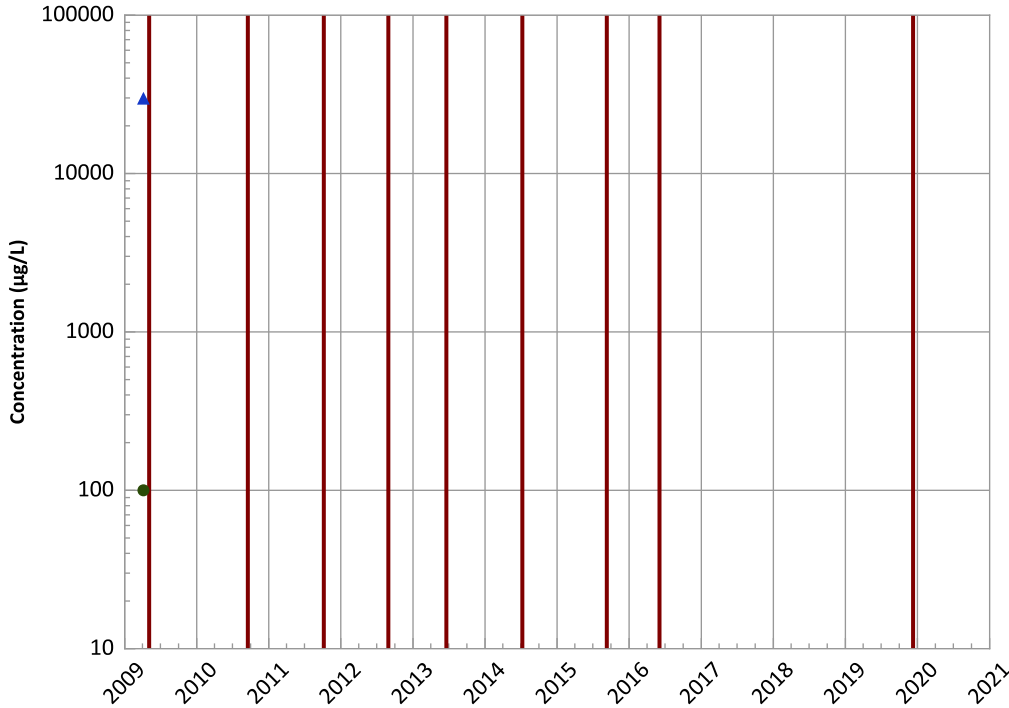
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
No Trend

2018 - 2020 Data:
No Trend

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)

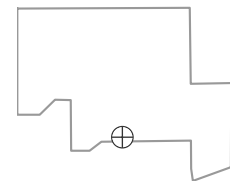
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

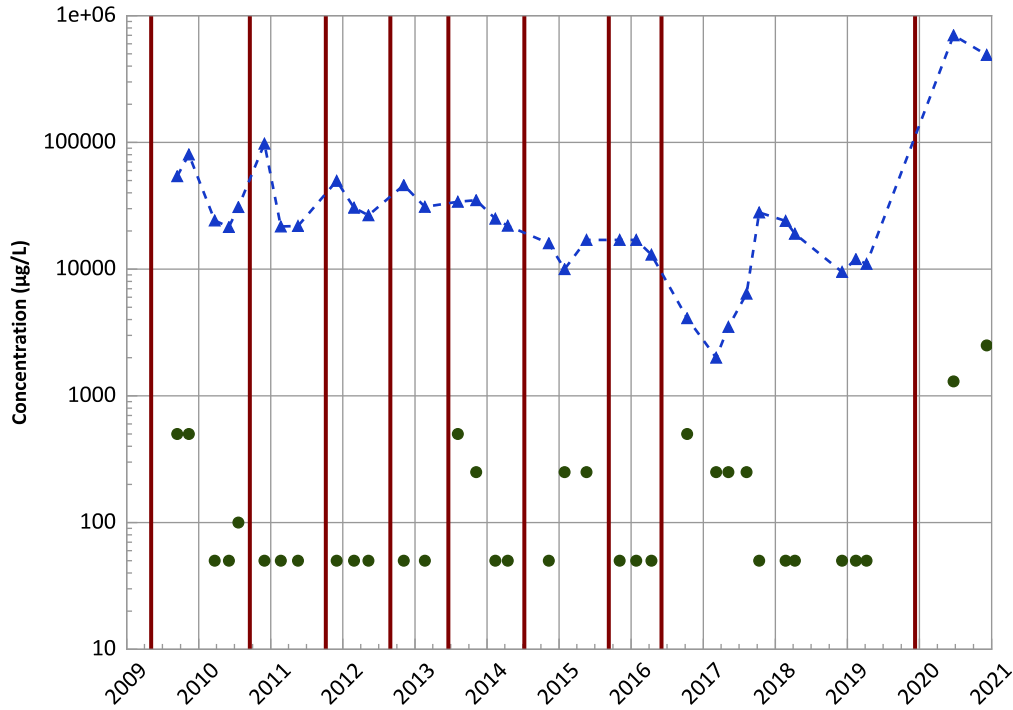


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

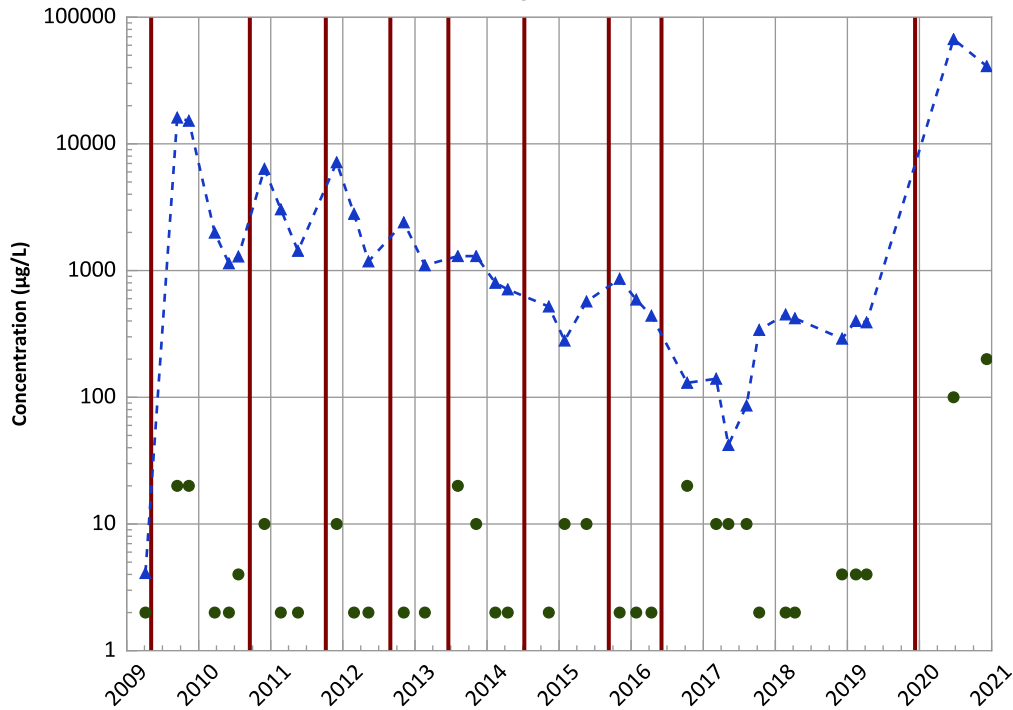
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

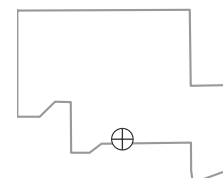
Iron Trend



Manganese Trend



Well Location

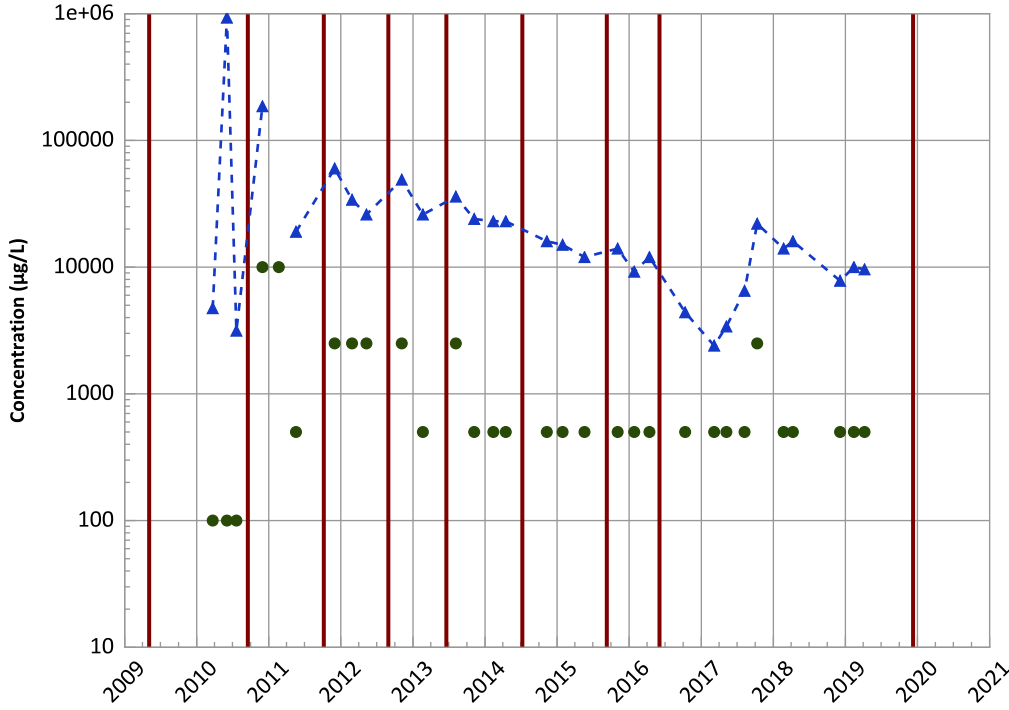


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 04/06/2009 to 12/07/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ferrous Iron Trend

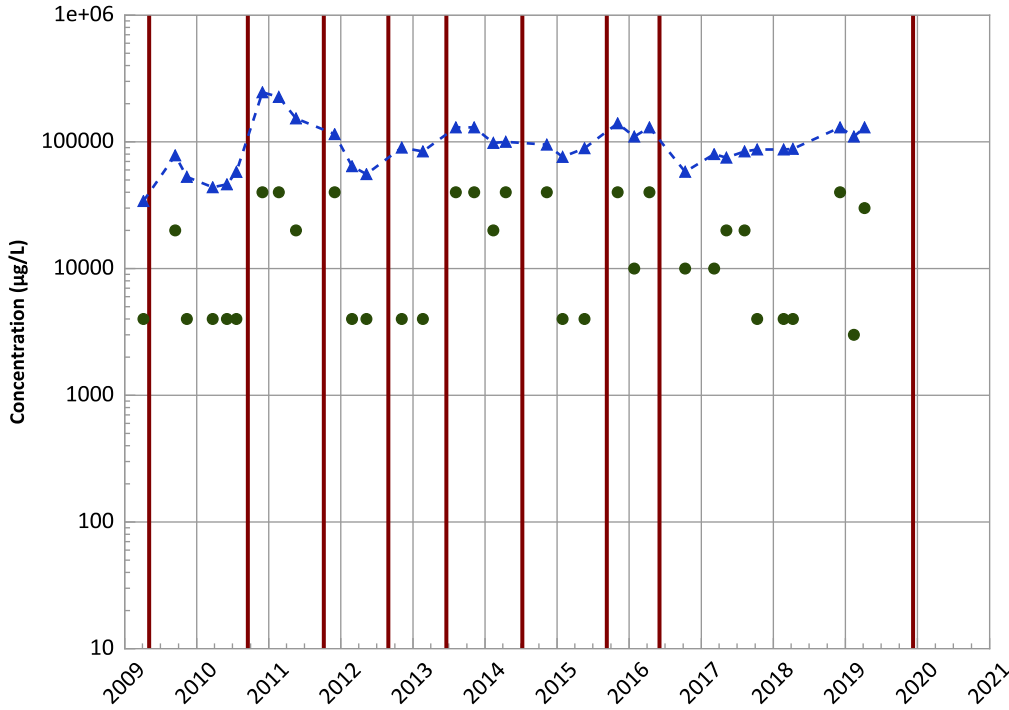


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Chloride (as Cl) Trend



Concentration Trend

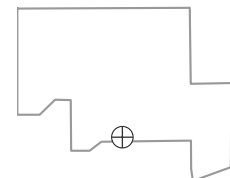
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

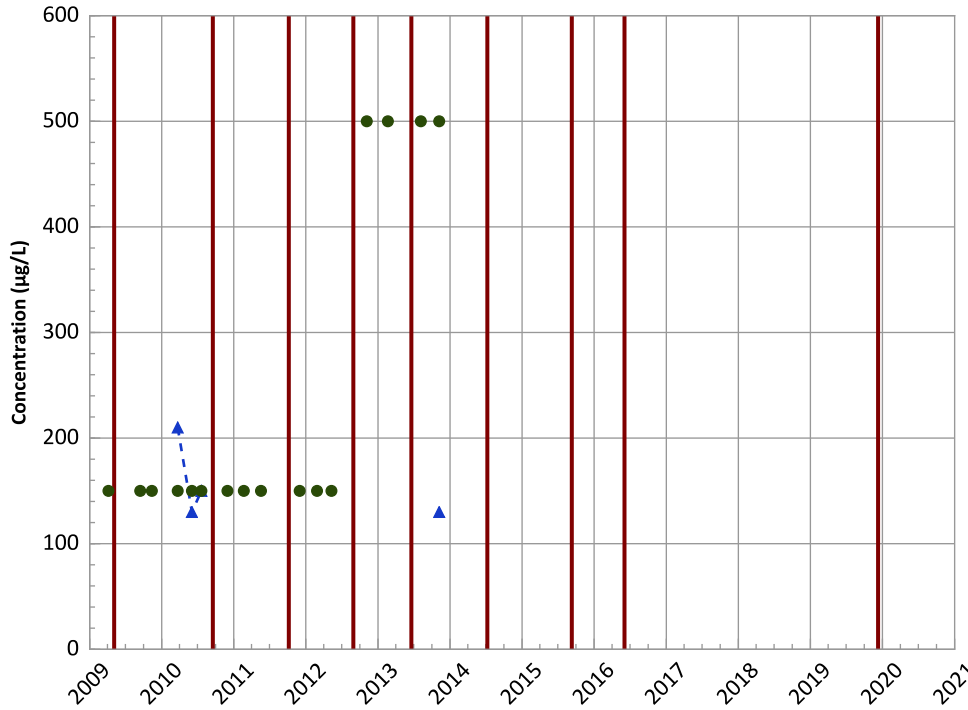
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chlorate Trend

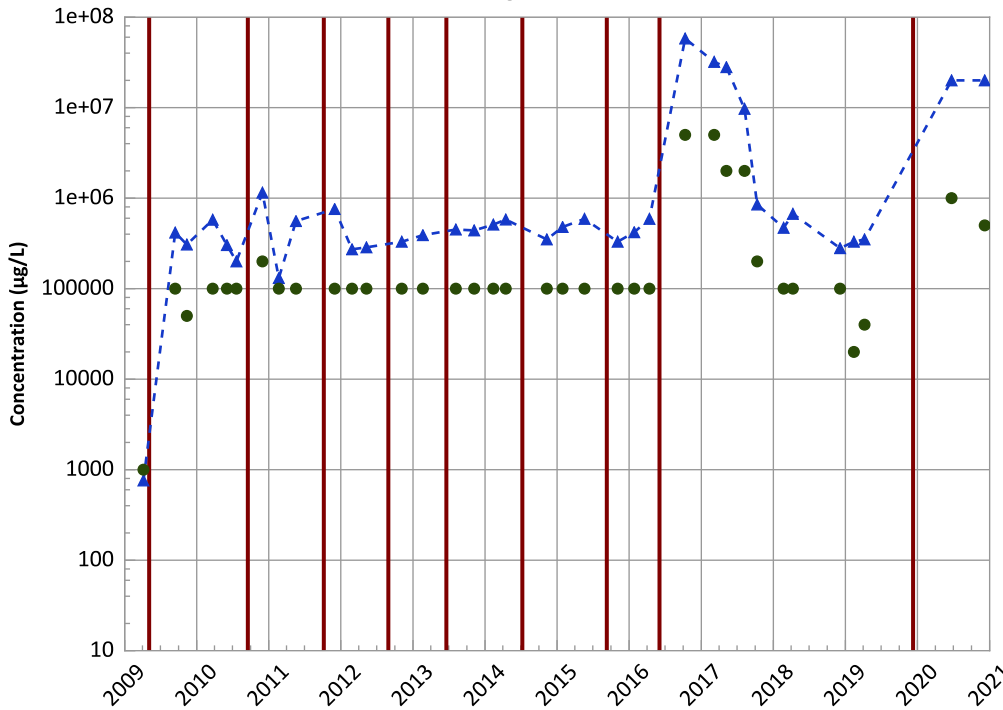


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
Stable

Total Organic Carbon Trend

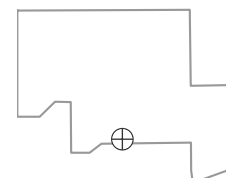


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Probably Increasing

Well Location

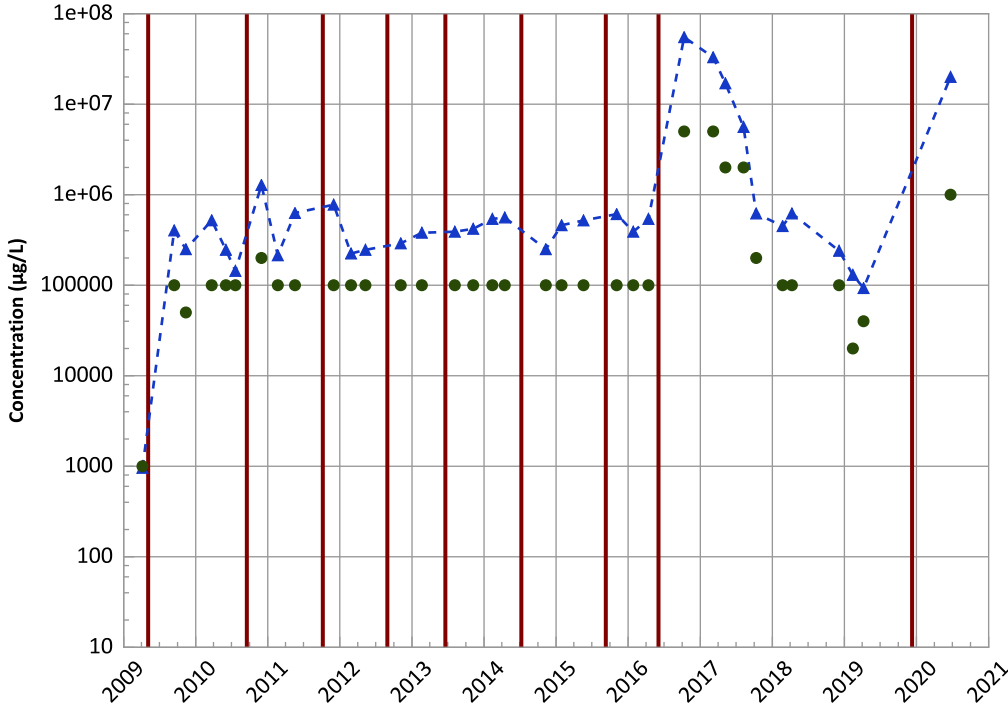


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

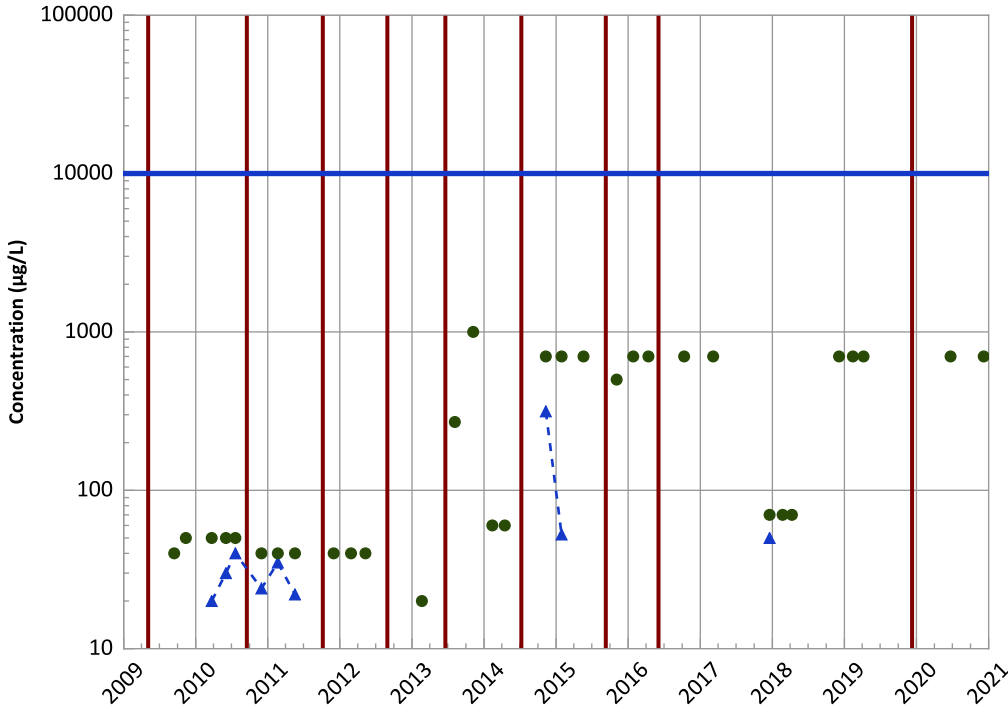


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Nitrate as N Trend

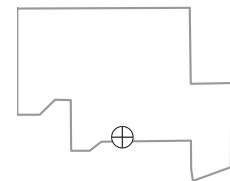


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Probably Decreasing

Well Location

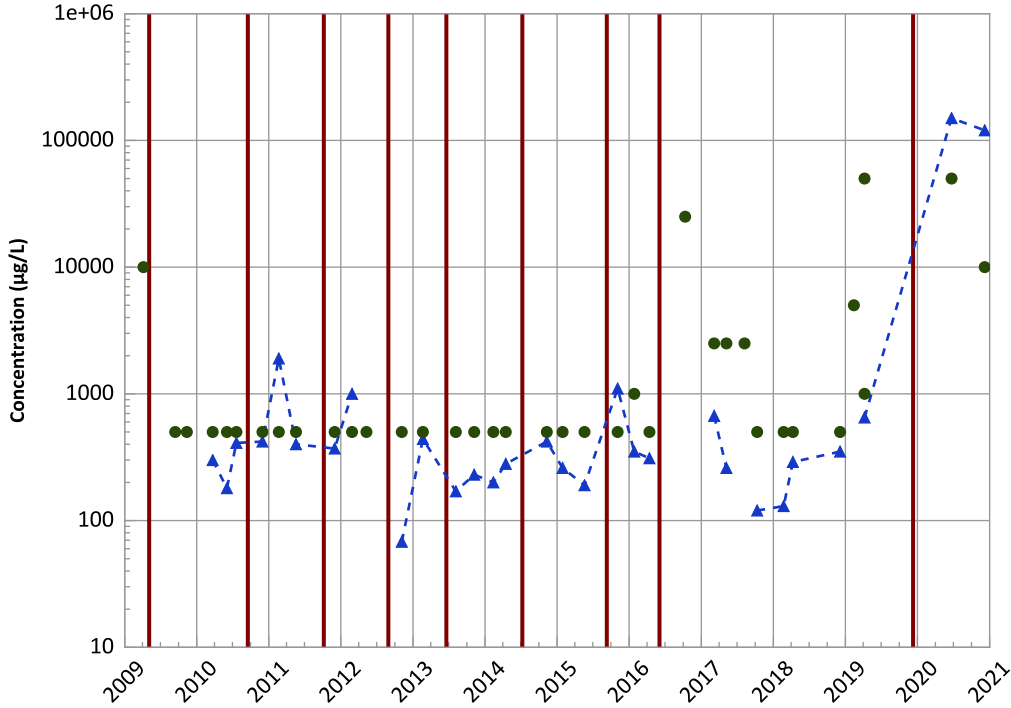


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

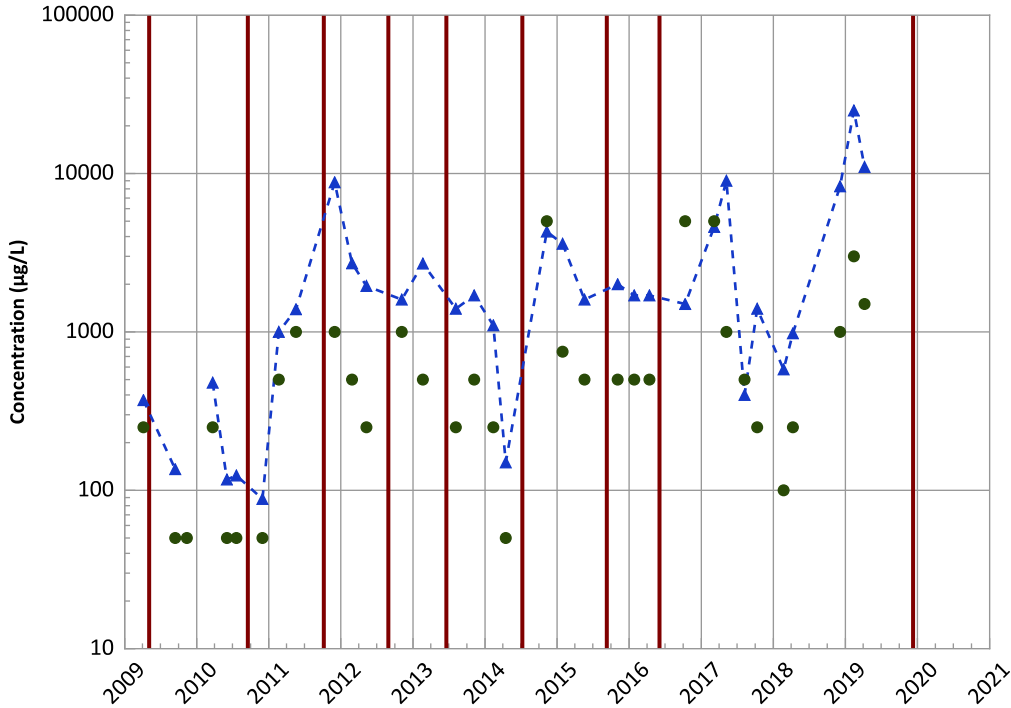


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Phosphorus, Total (as P) Trend



Concentration Trend

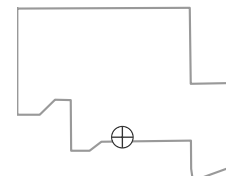
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

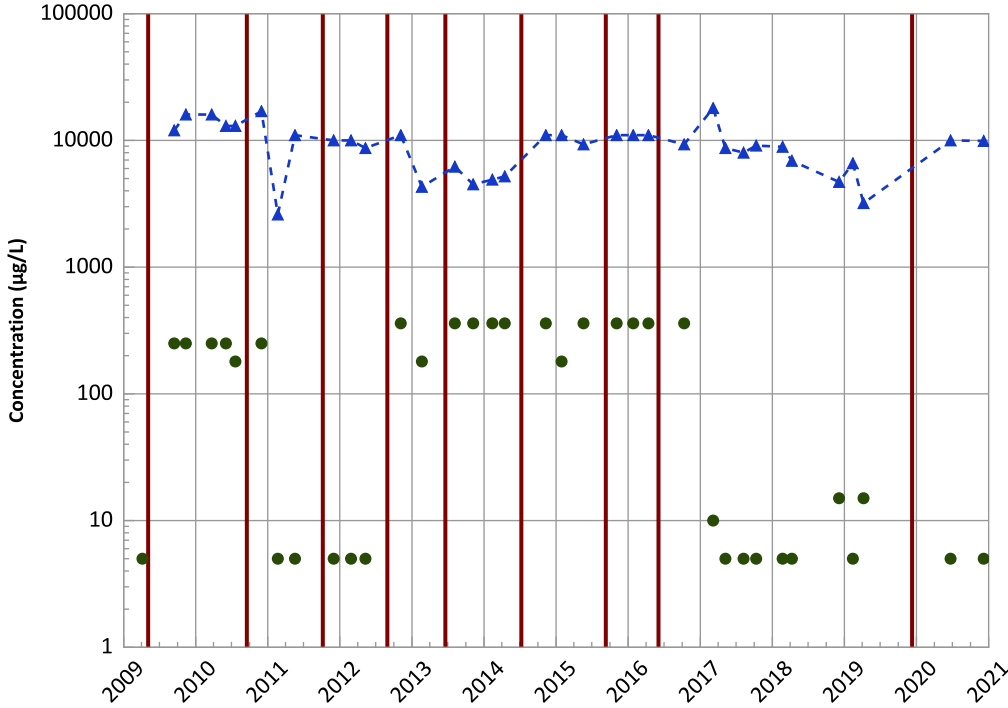
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

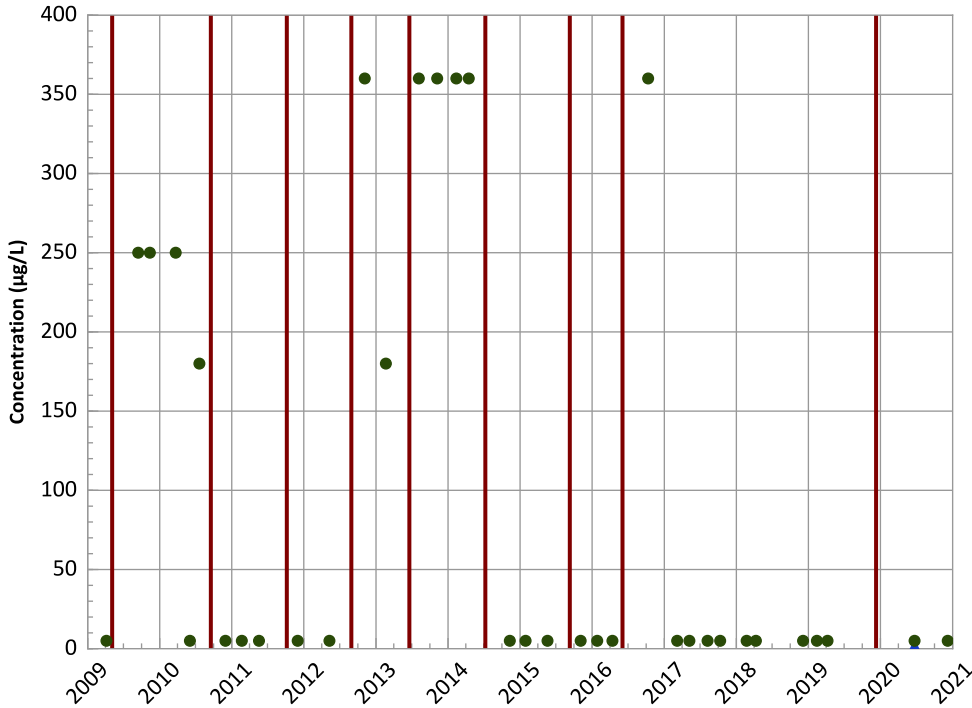


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
No Trend

Ethane Trend

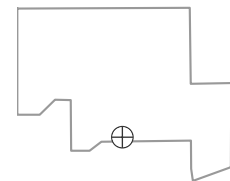


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

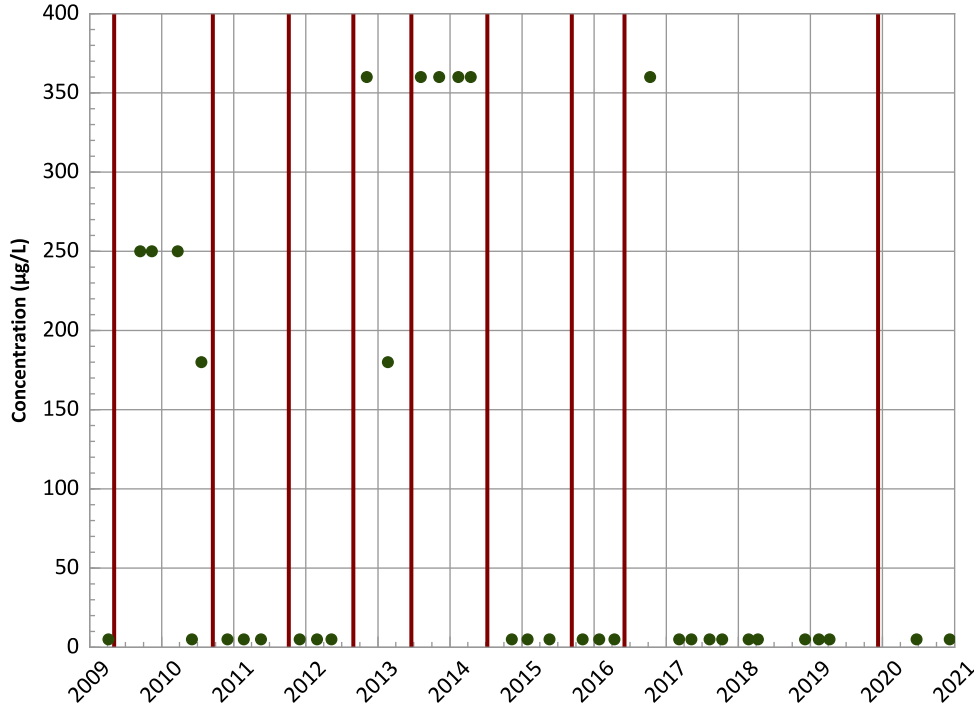


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

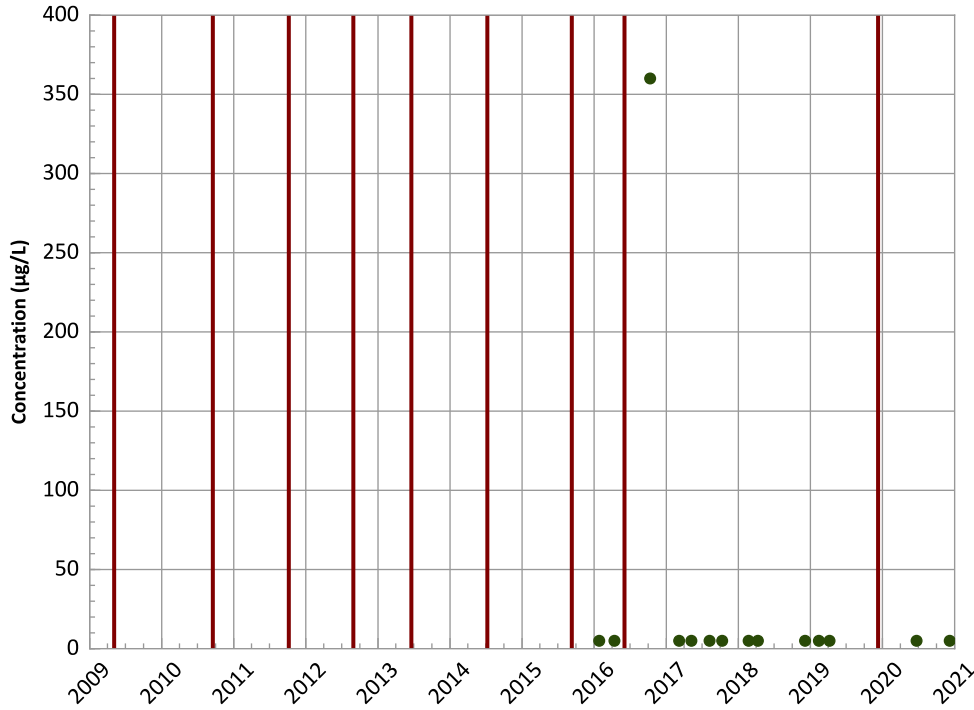


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Trend

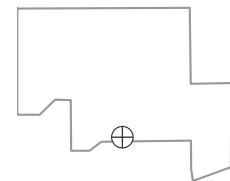


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

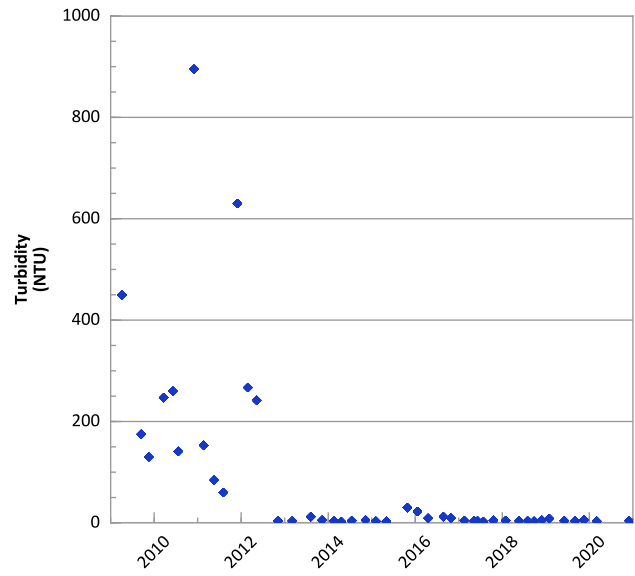
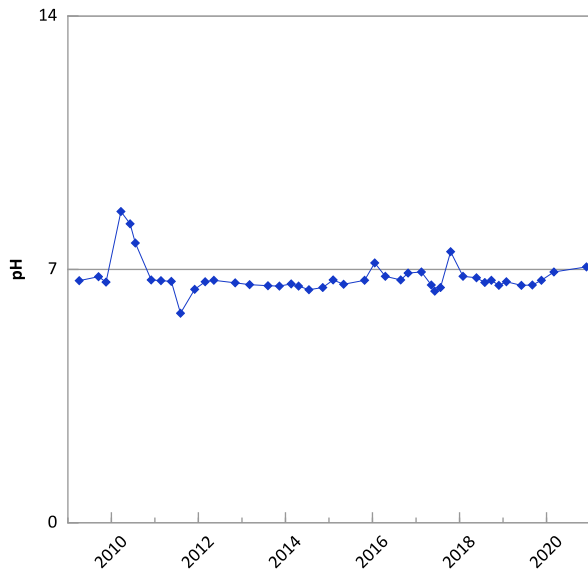
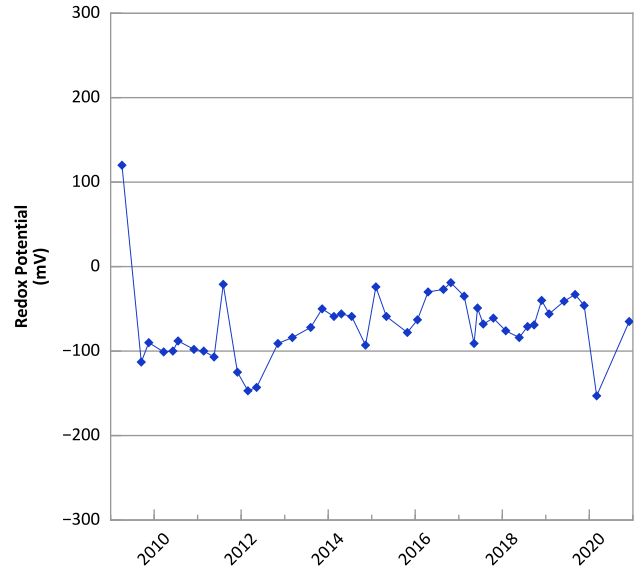
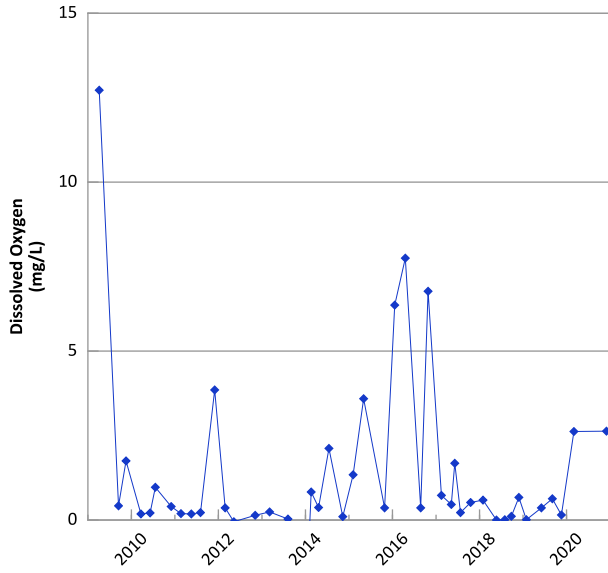
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/07/2020
Analysis Date: 06/03/2021

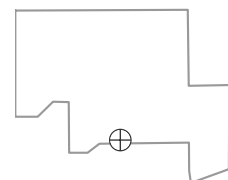
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



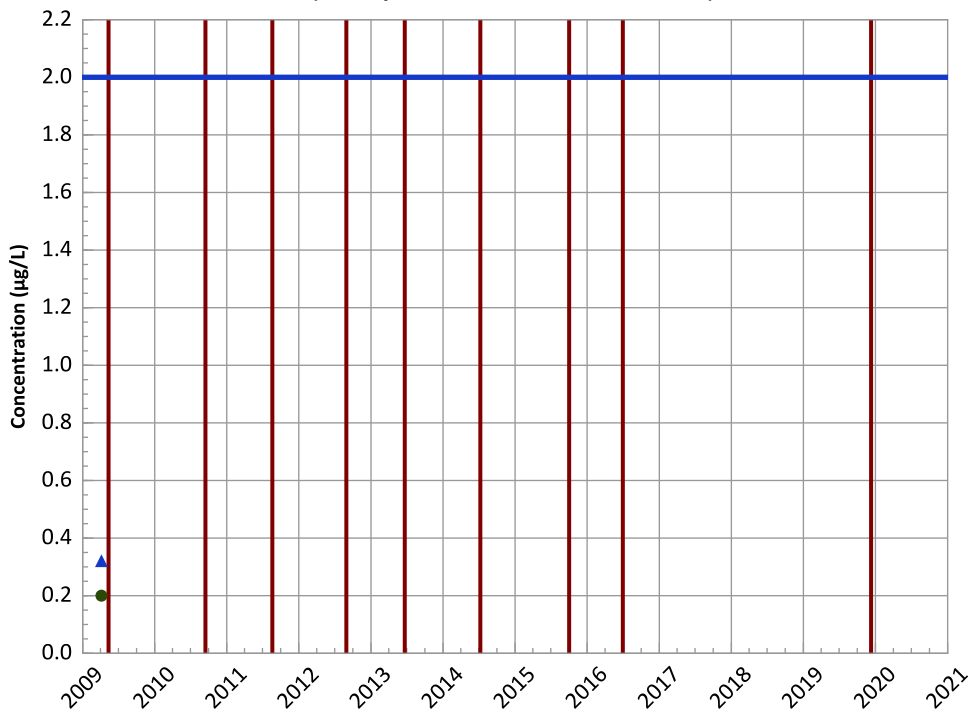
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 04/06/2009 to 12/01/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

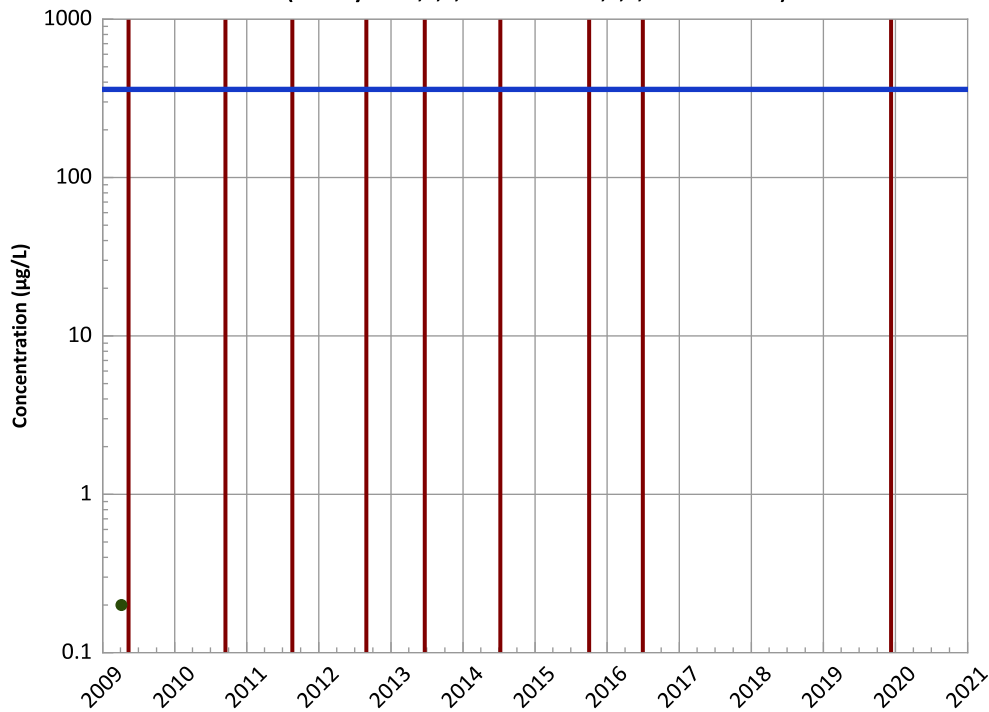


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

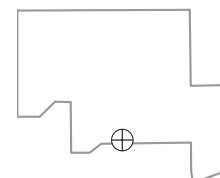


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

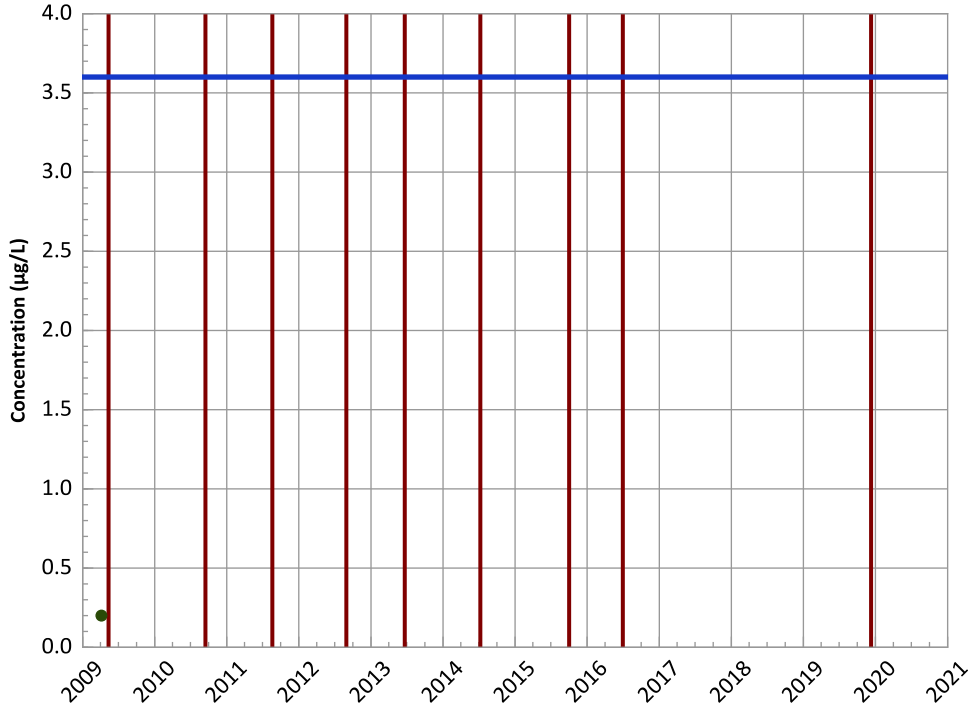


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

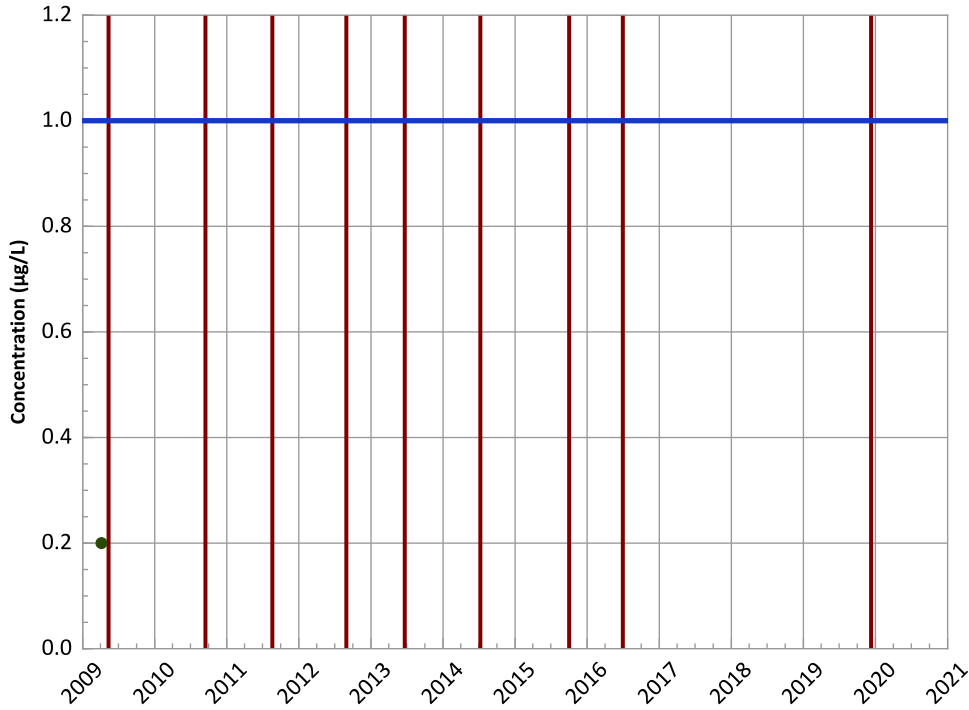


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

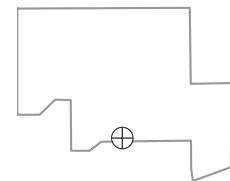


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

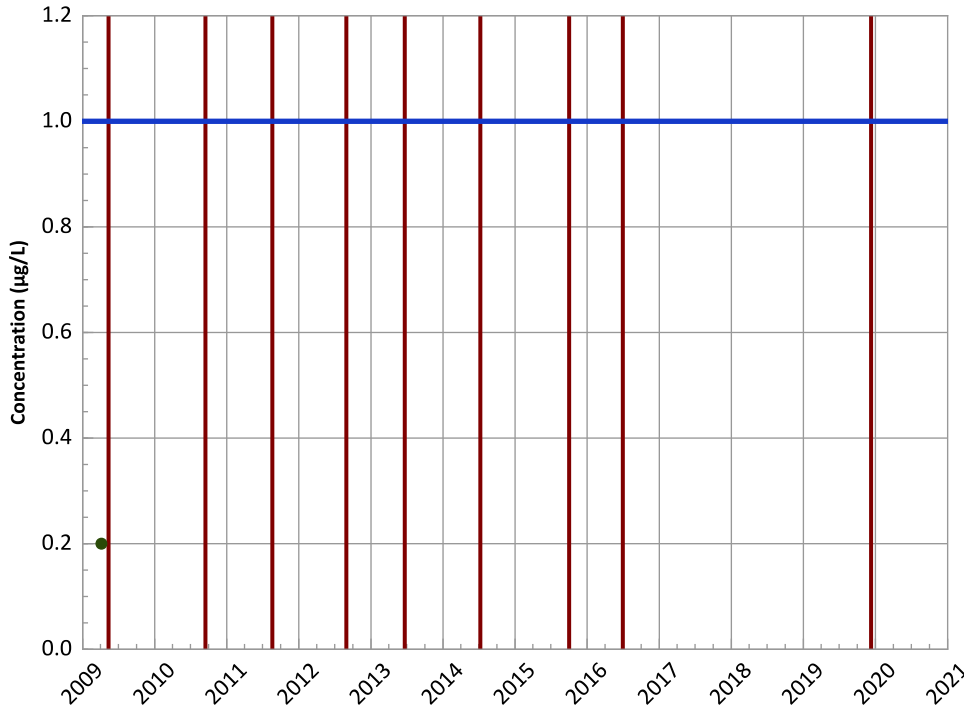


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

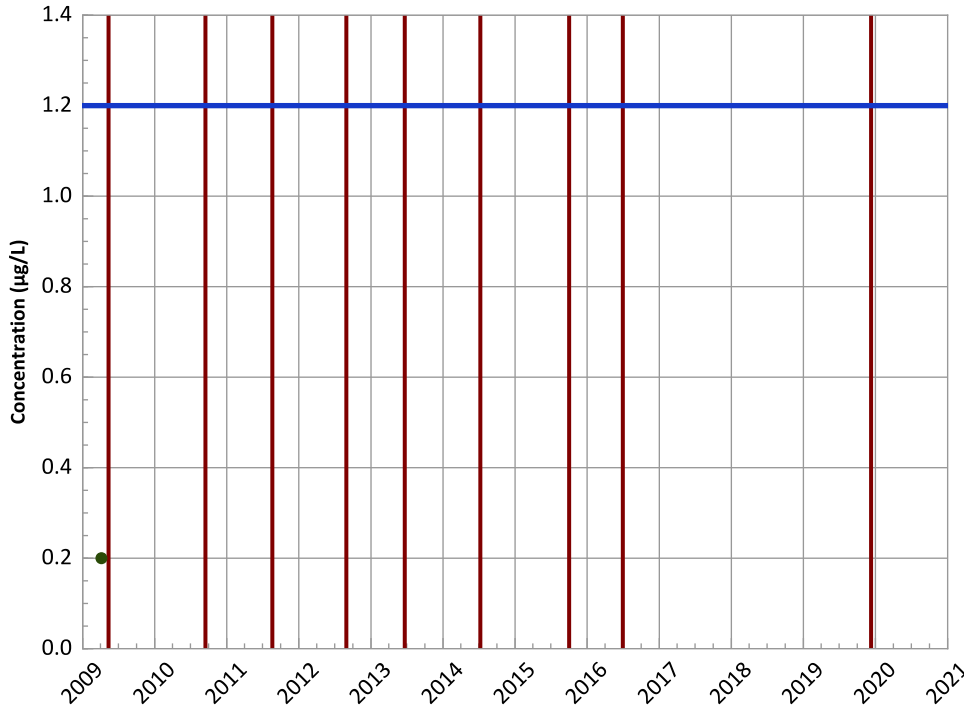


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

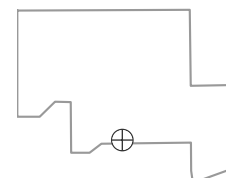


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

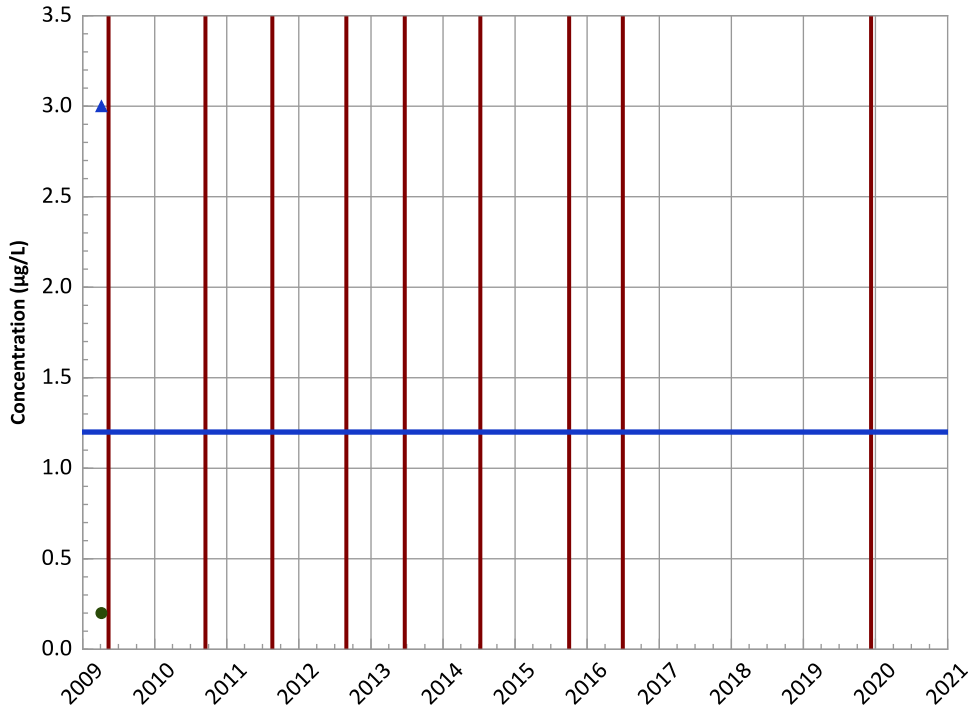


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

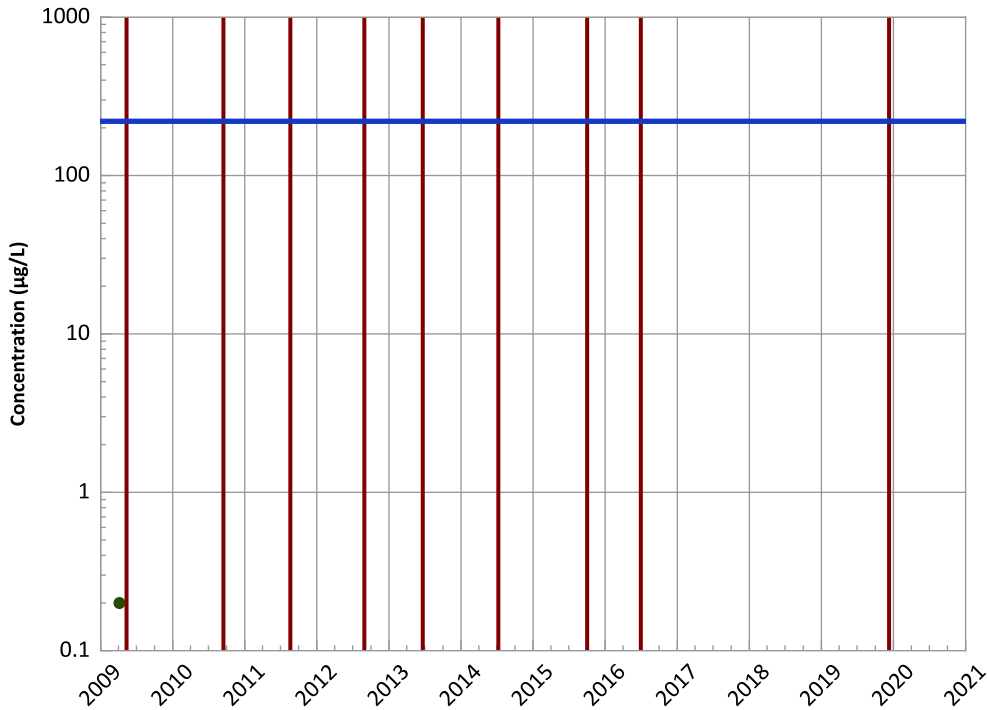


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

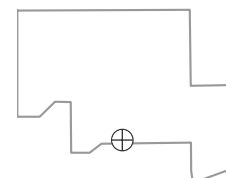


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

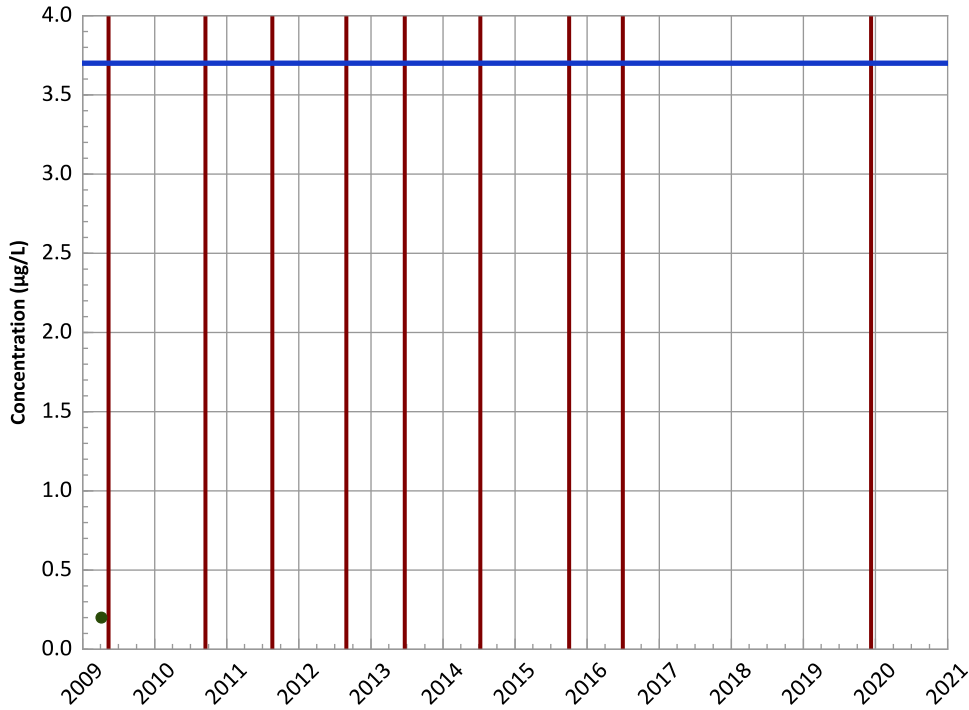


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

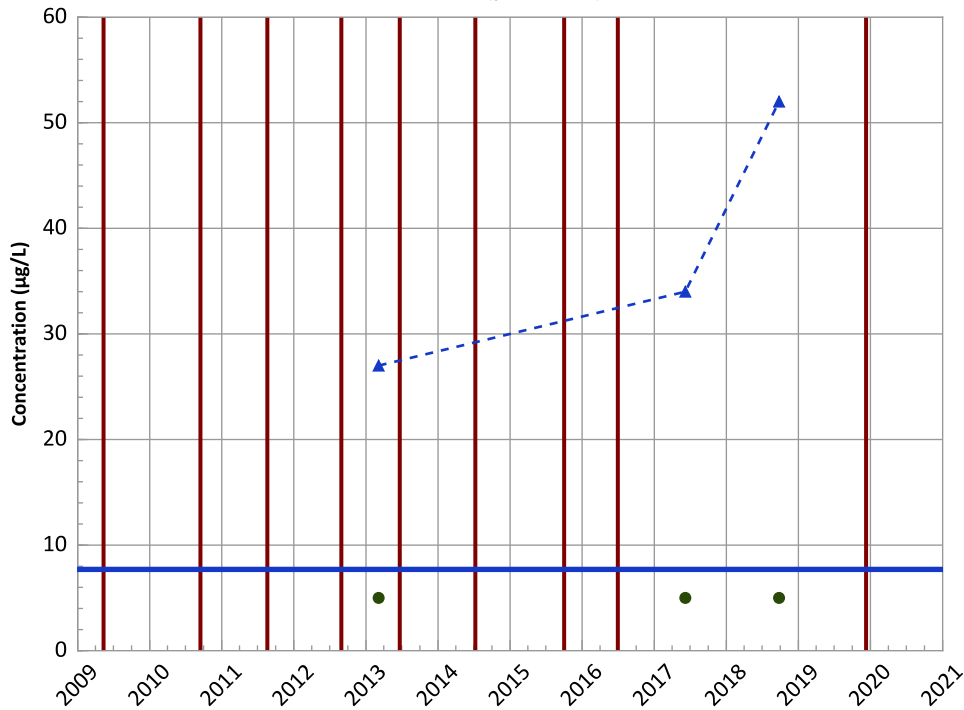
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

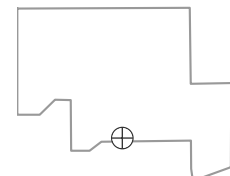
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

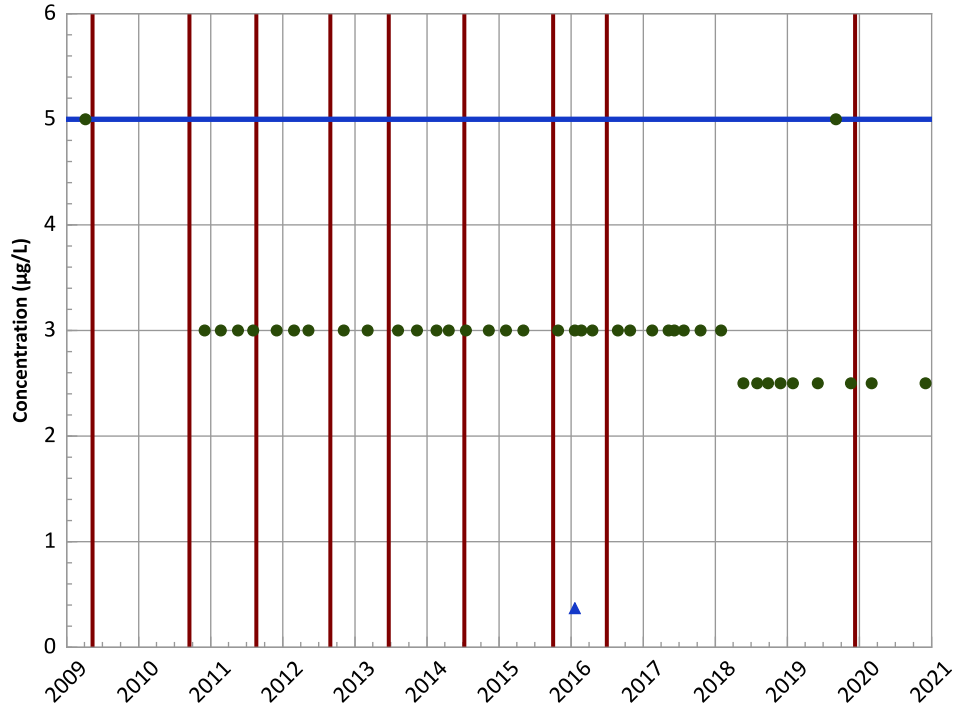
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

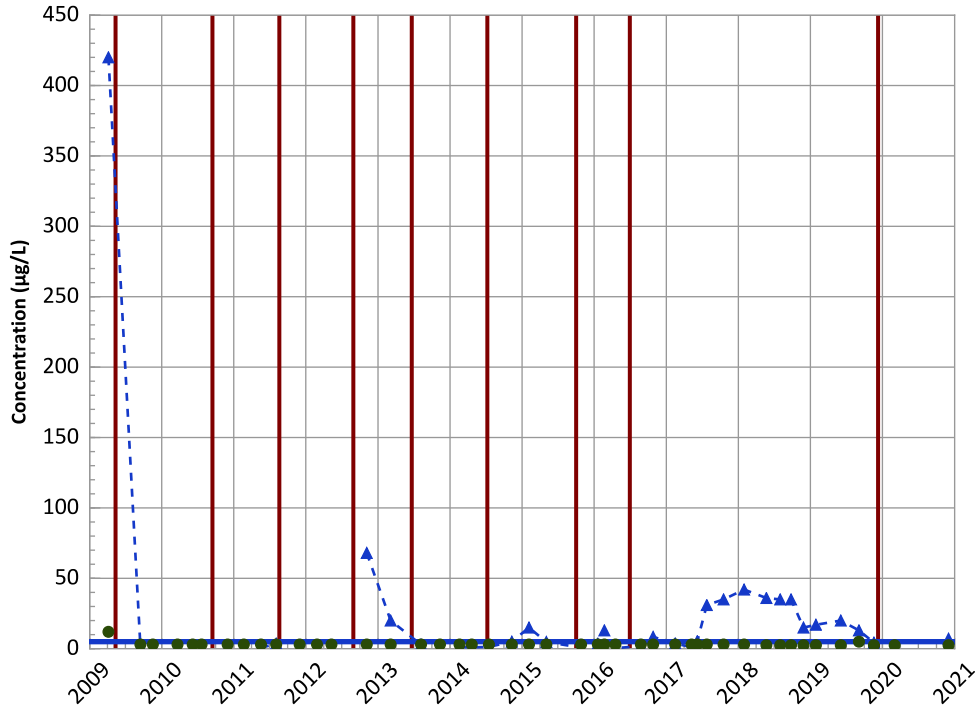


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend

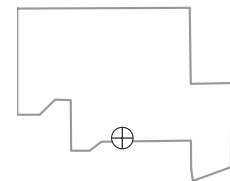


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

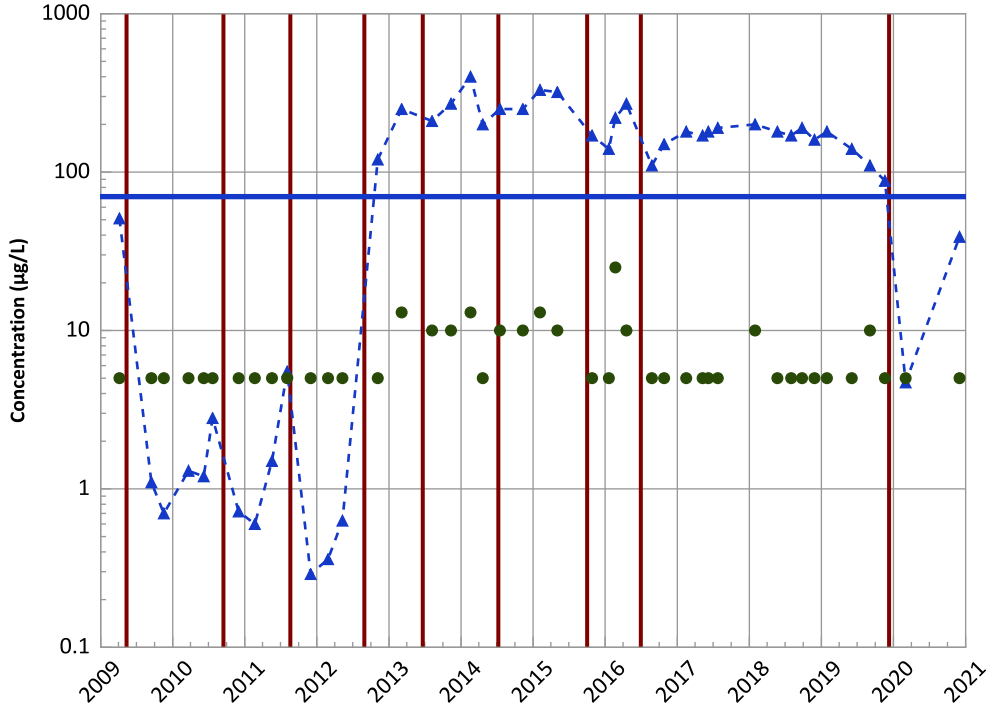


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

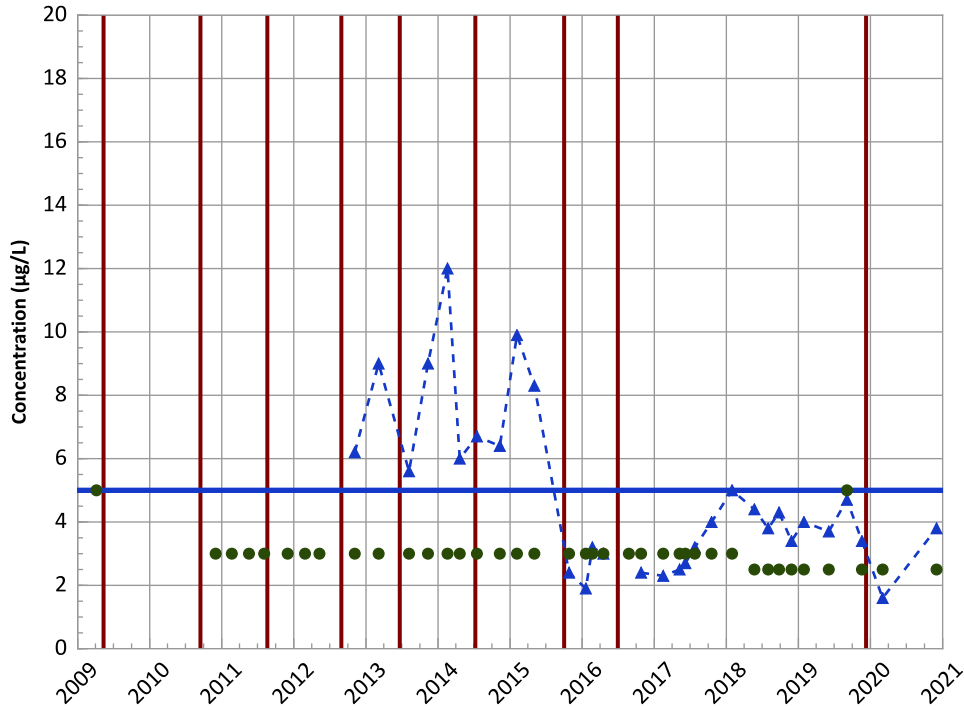


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

1,2-Dichloroethane Trend

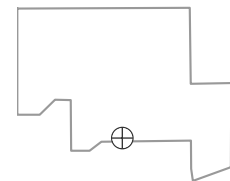


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Well Location

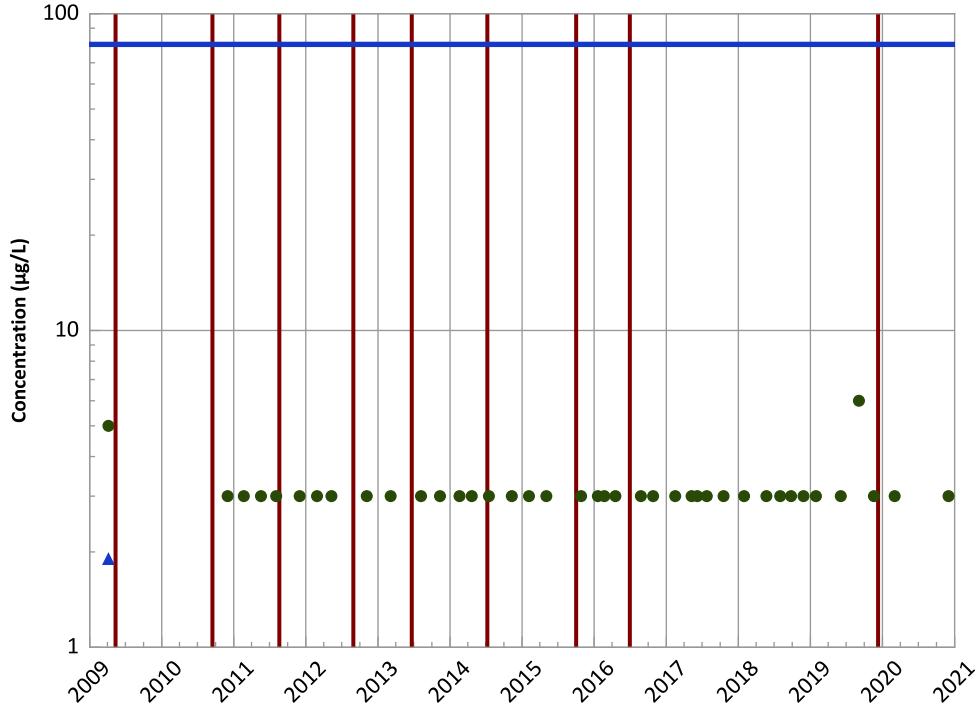


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

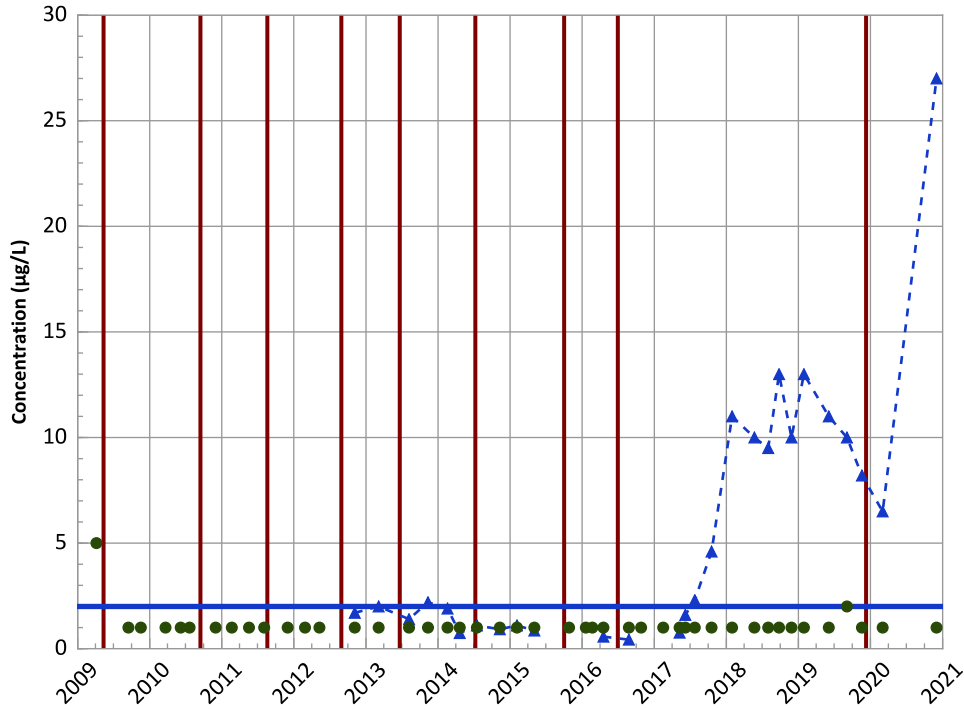


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend

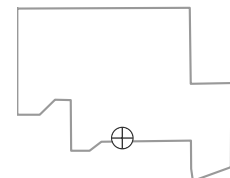


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

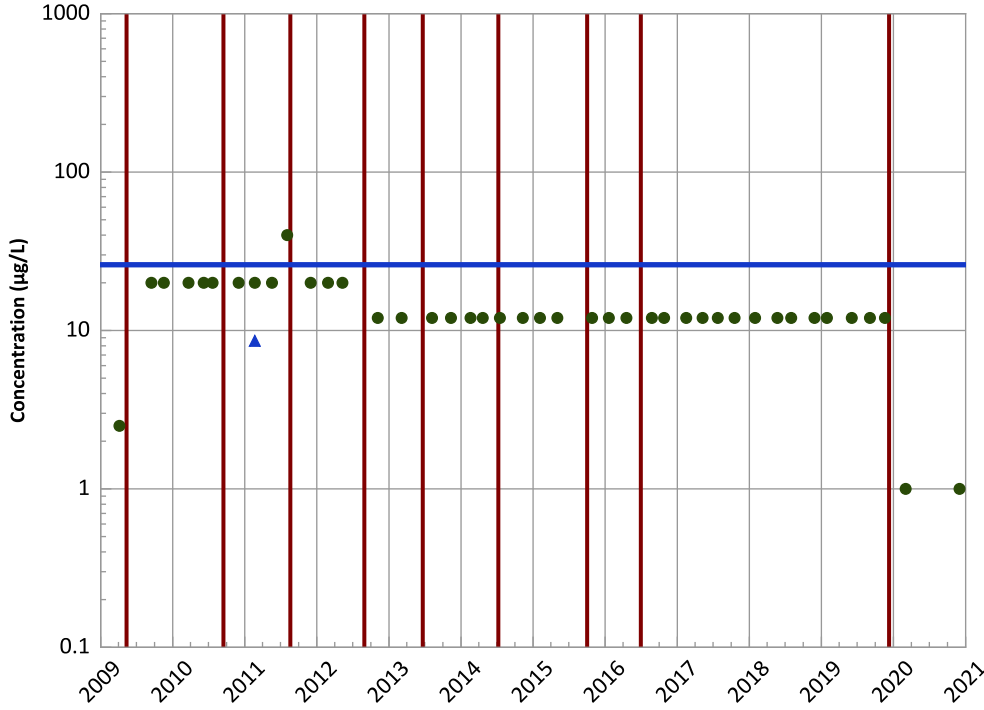


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

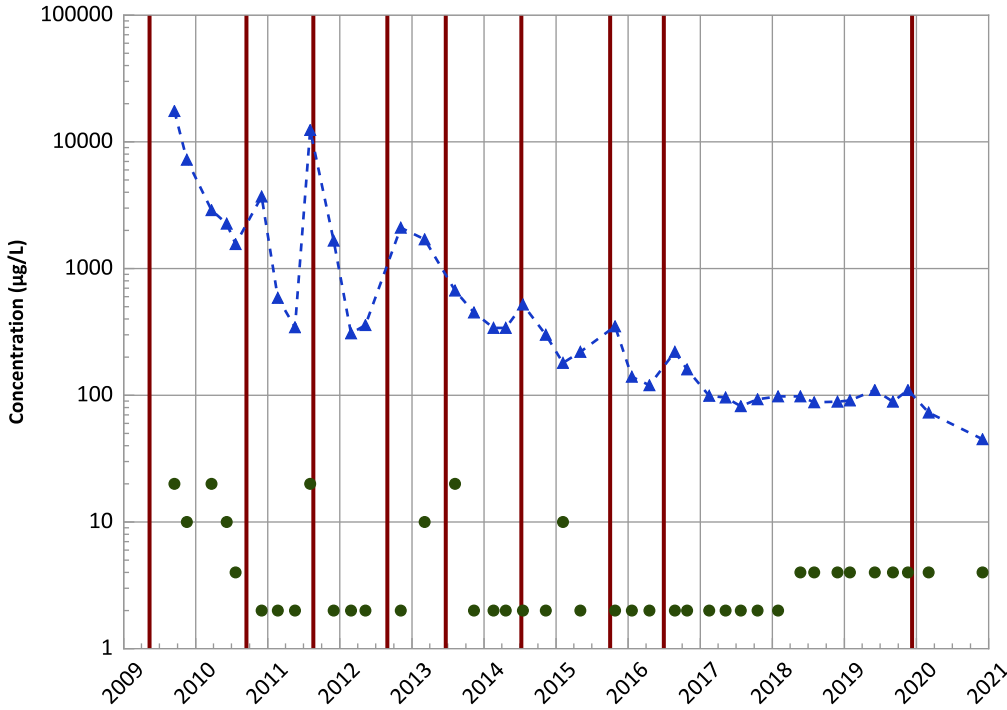


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Manganese Trend

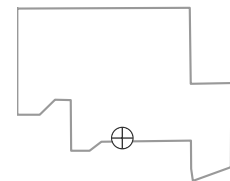


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Probably Decreasing' 'Probably Decreasing

Well Location

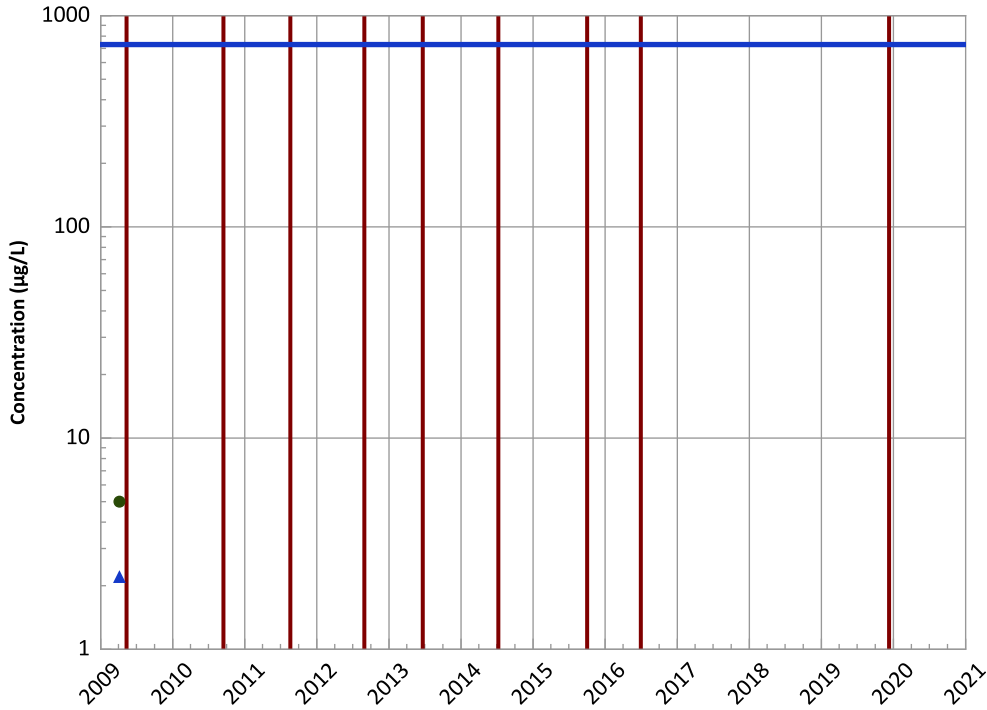


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

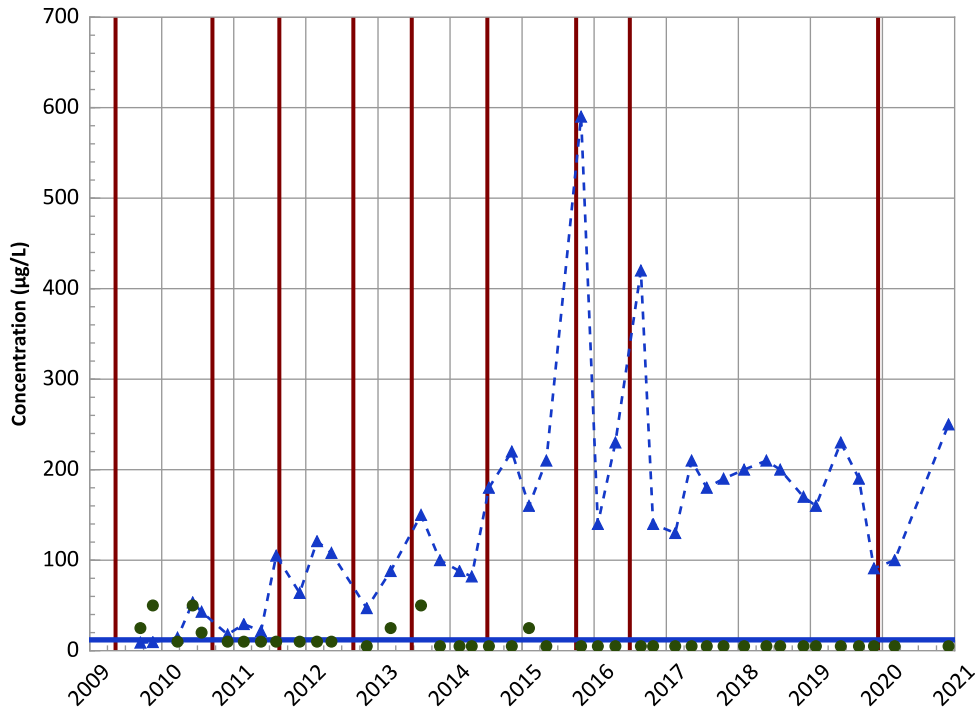
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

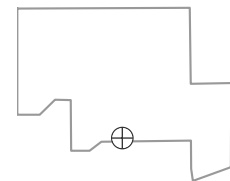
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

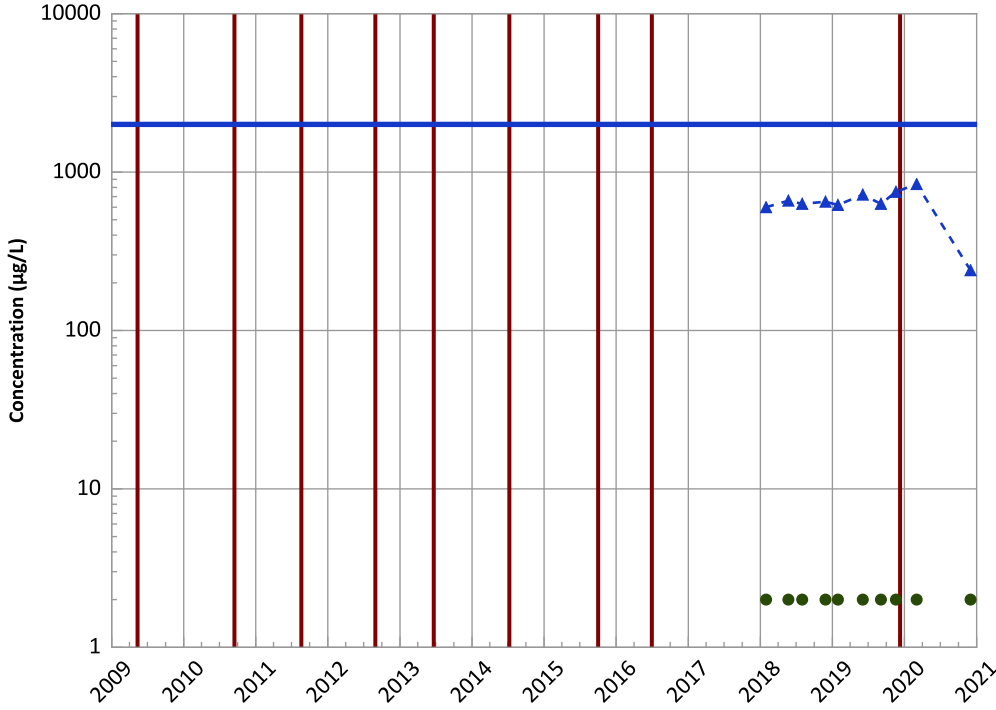


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

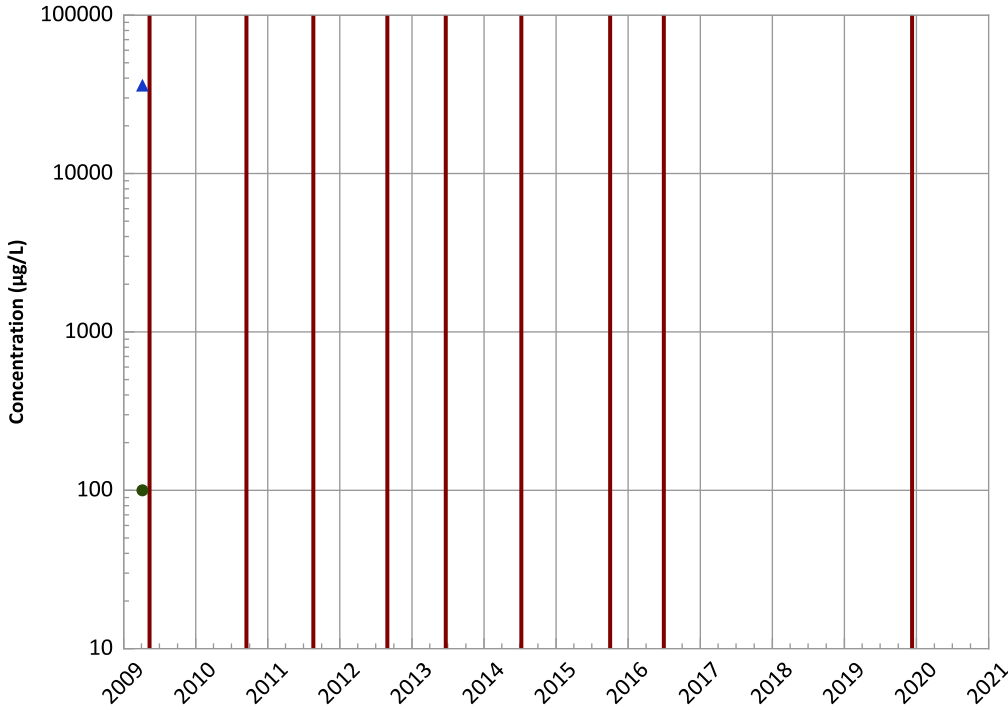


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
Stable

Calcium Trend

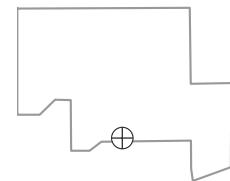


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

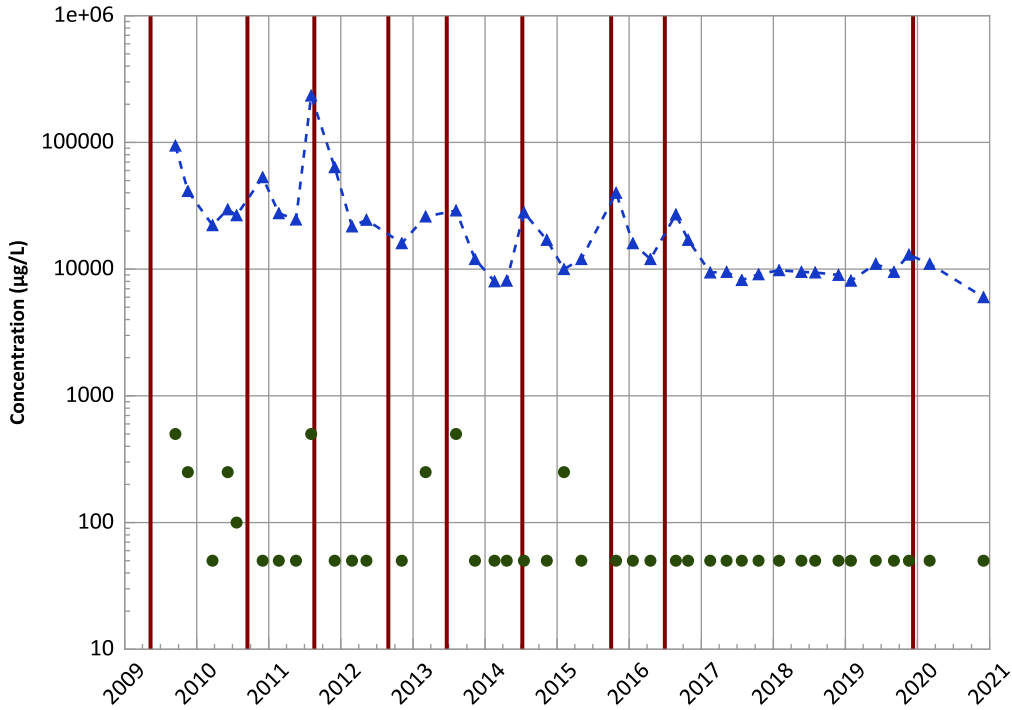


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

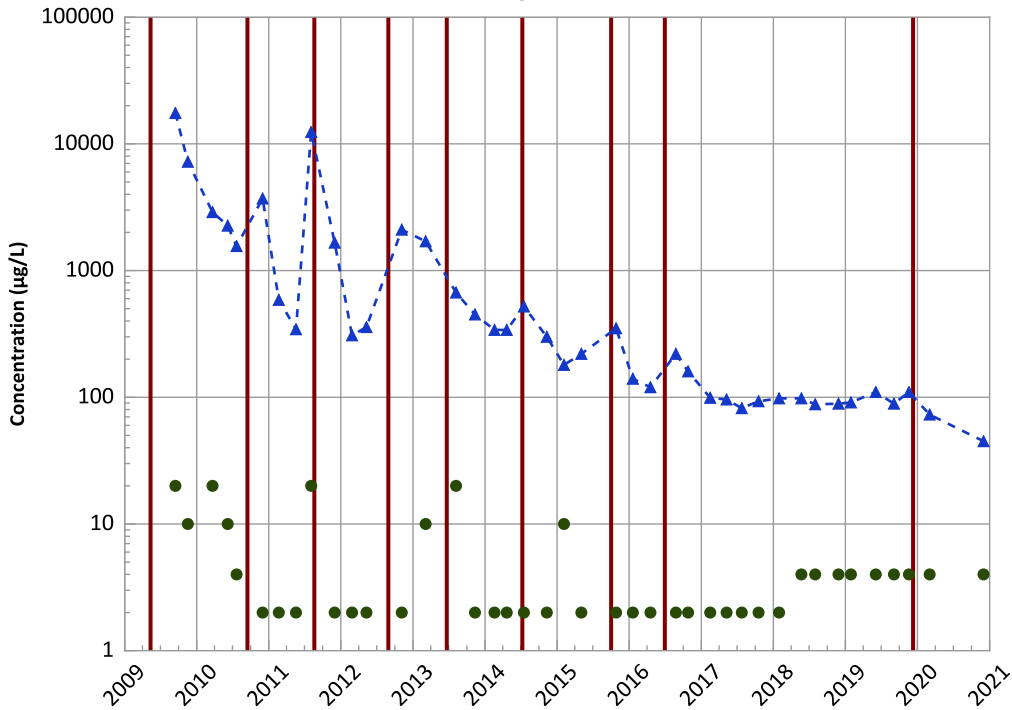


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Manganese Trend

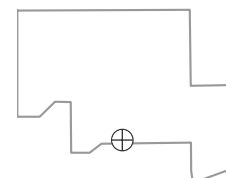


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Probably Decreasing' 'Probably Decreasing

Well Location

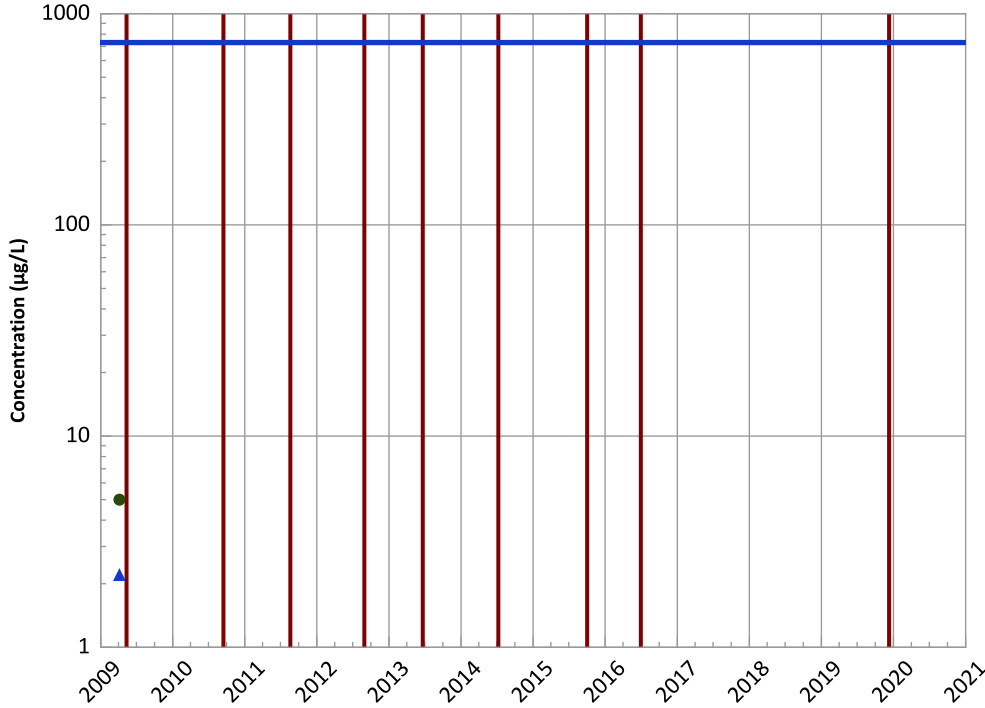


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

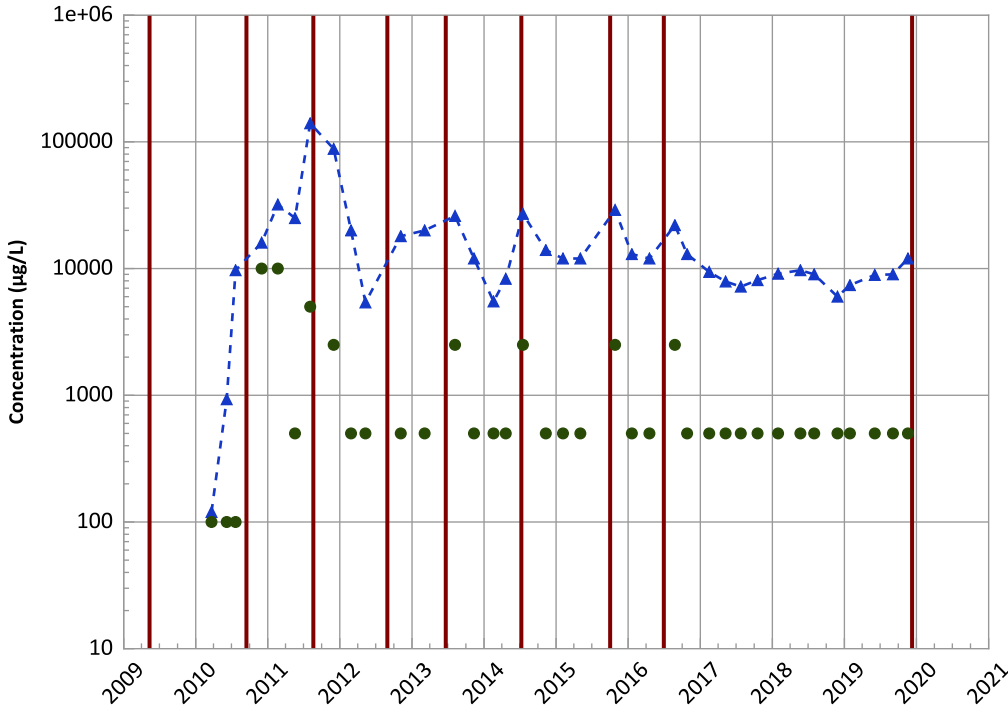
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Ferrous Iron Trend



Concentration Trend

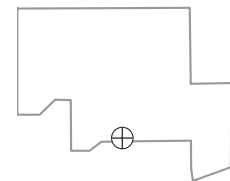
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Increasing

Well Location

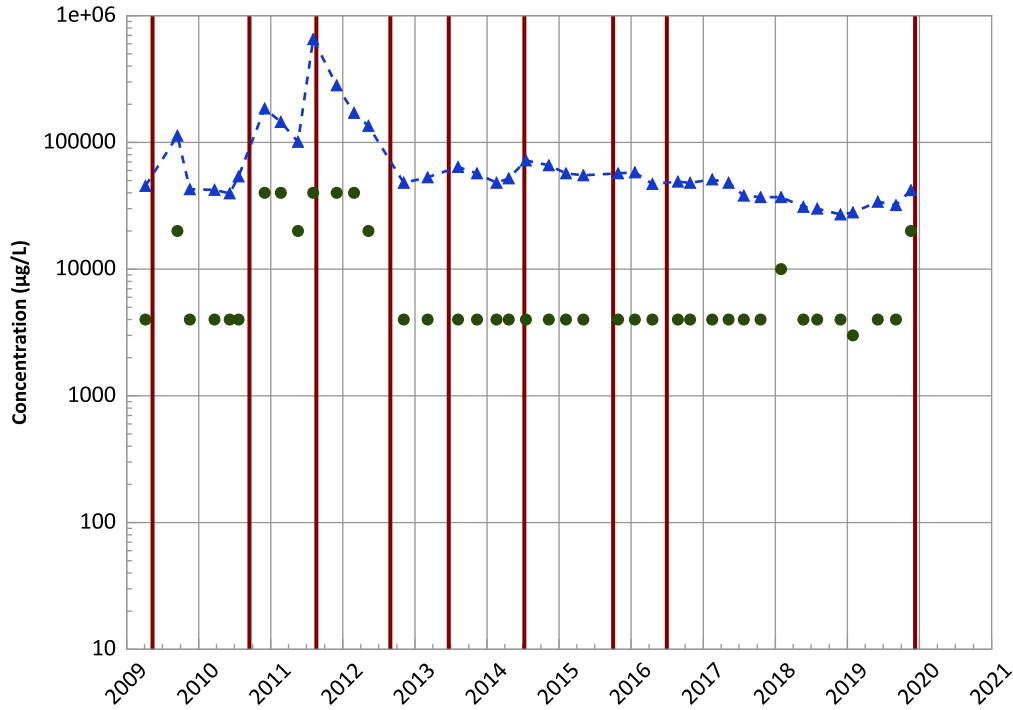


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

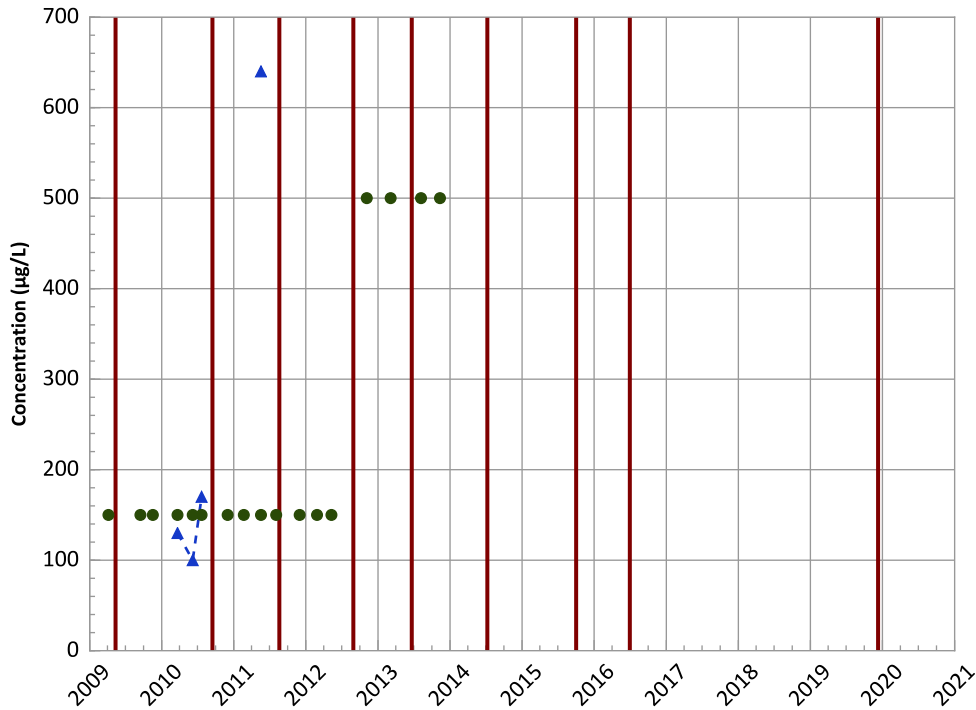
Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Increasing

Chlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Probably Increasing

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

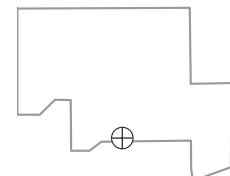
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Increasing

Well Location

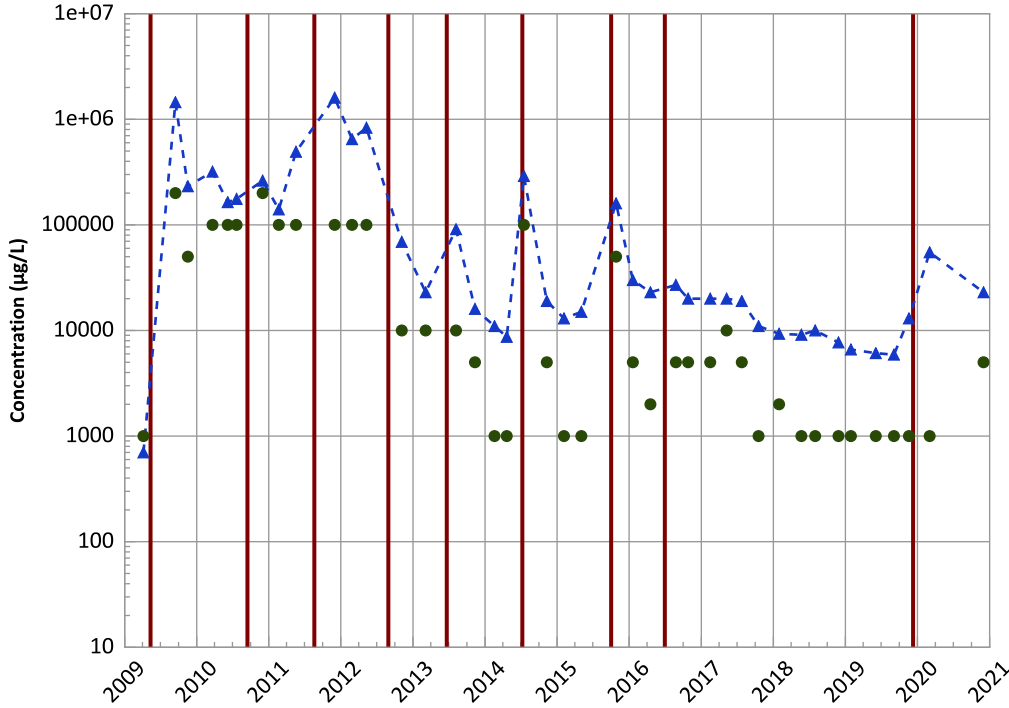


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

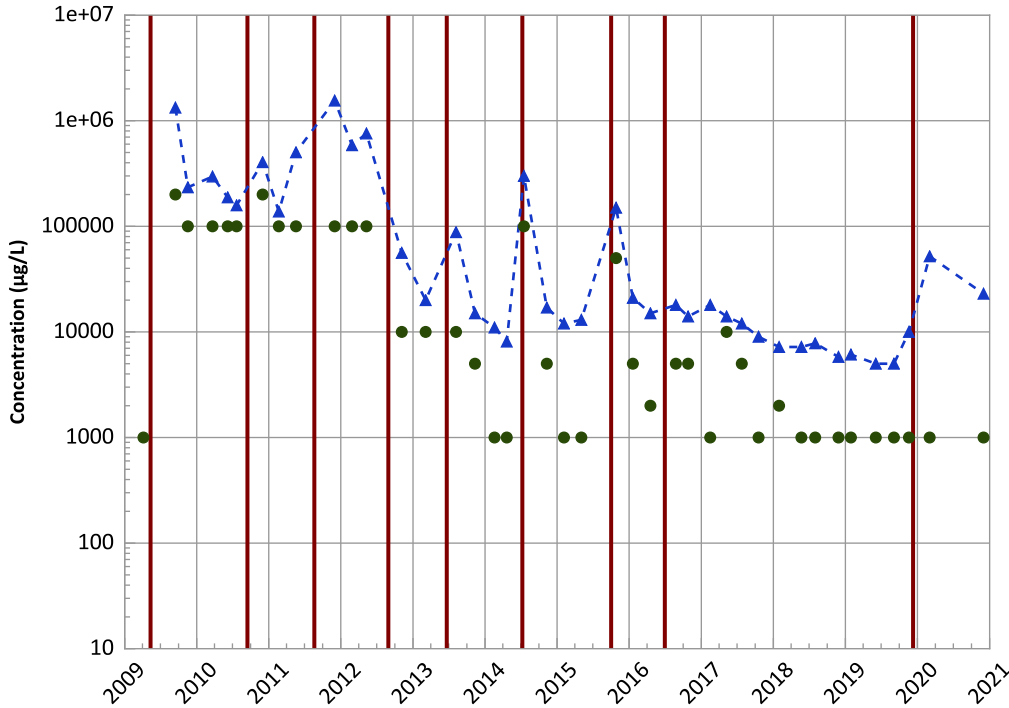


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend

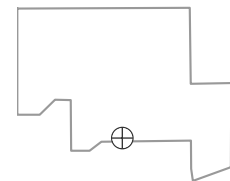


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Probably Increasing

Well Location

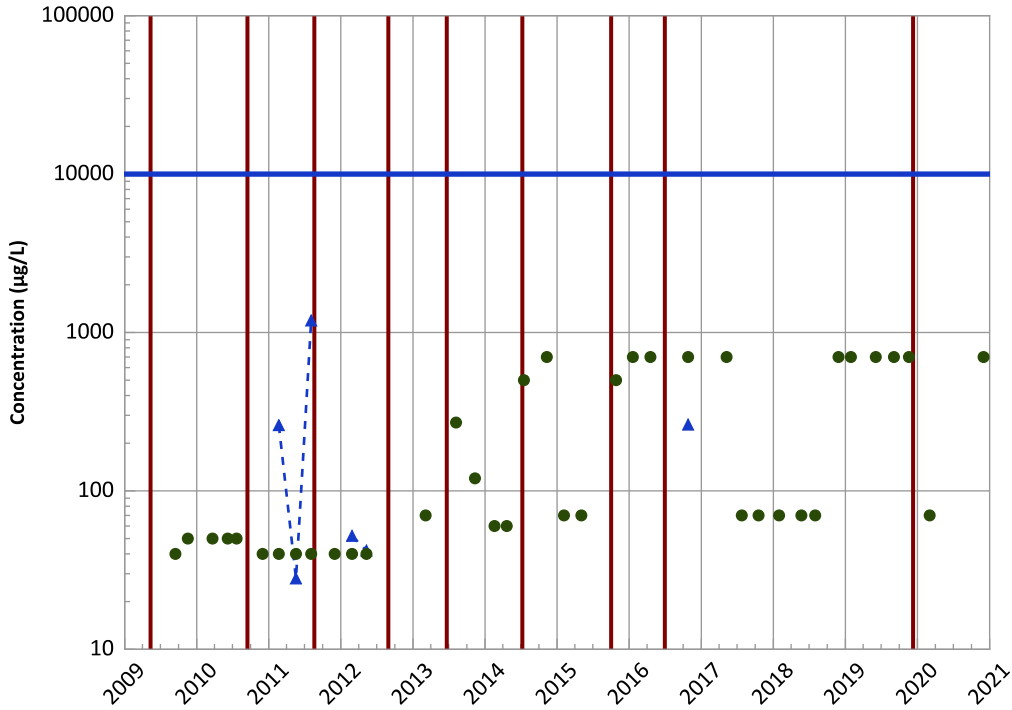


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

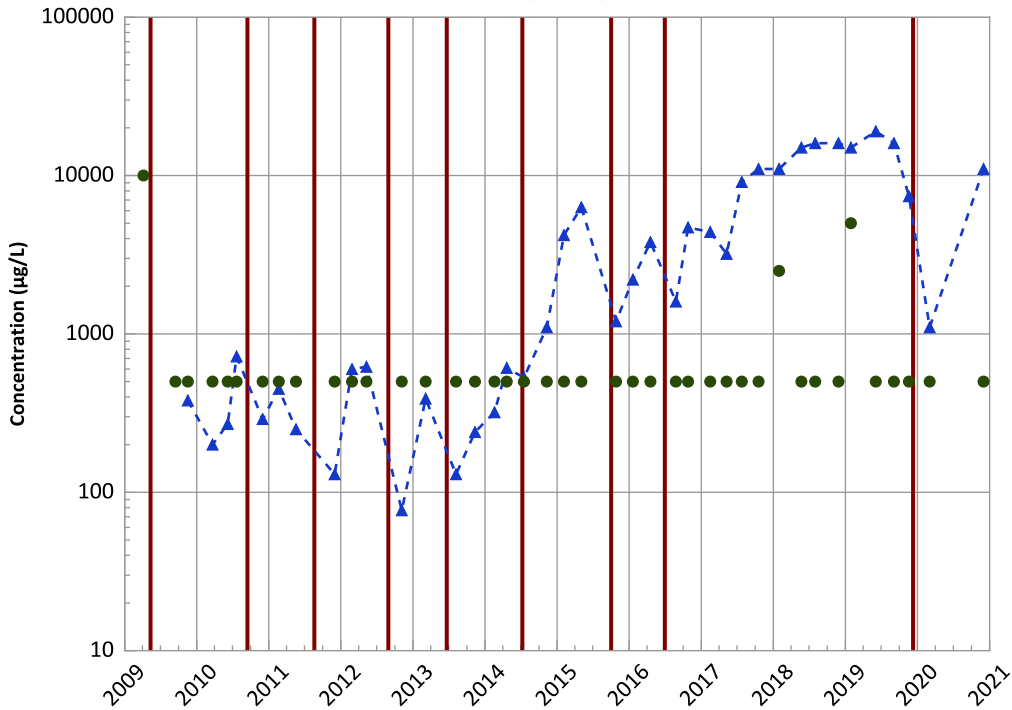


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Sulfate (as SO4) Trend

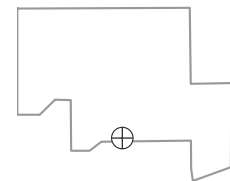


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

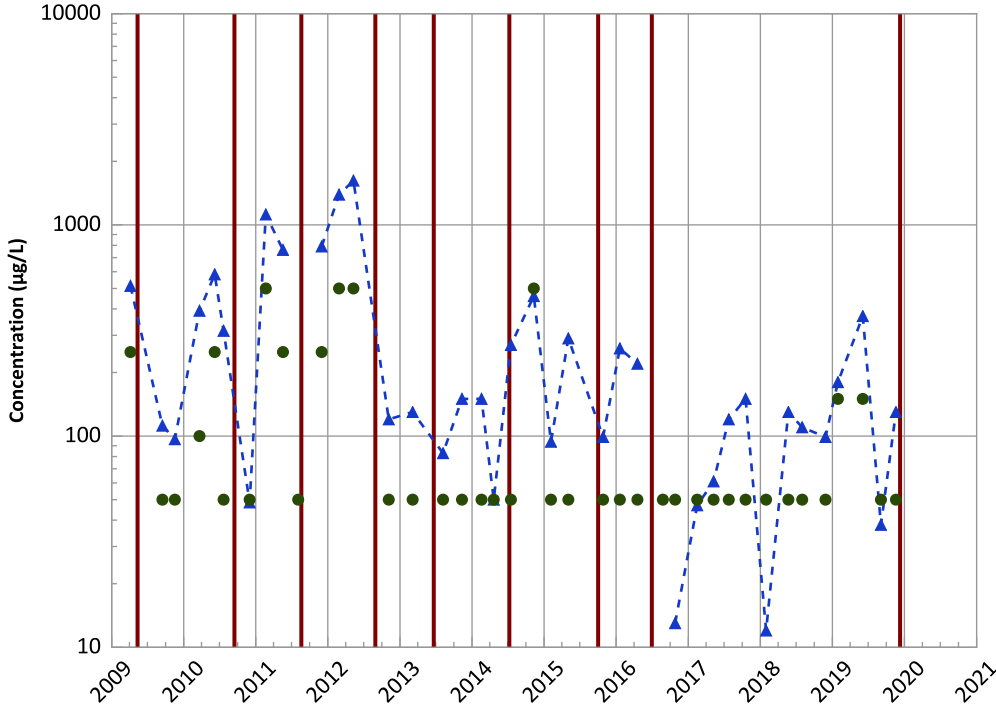


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

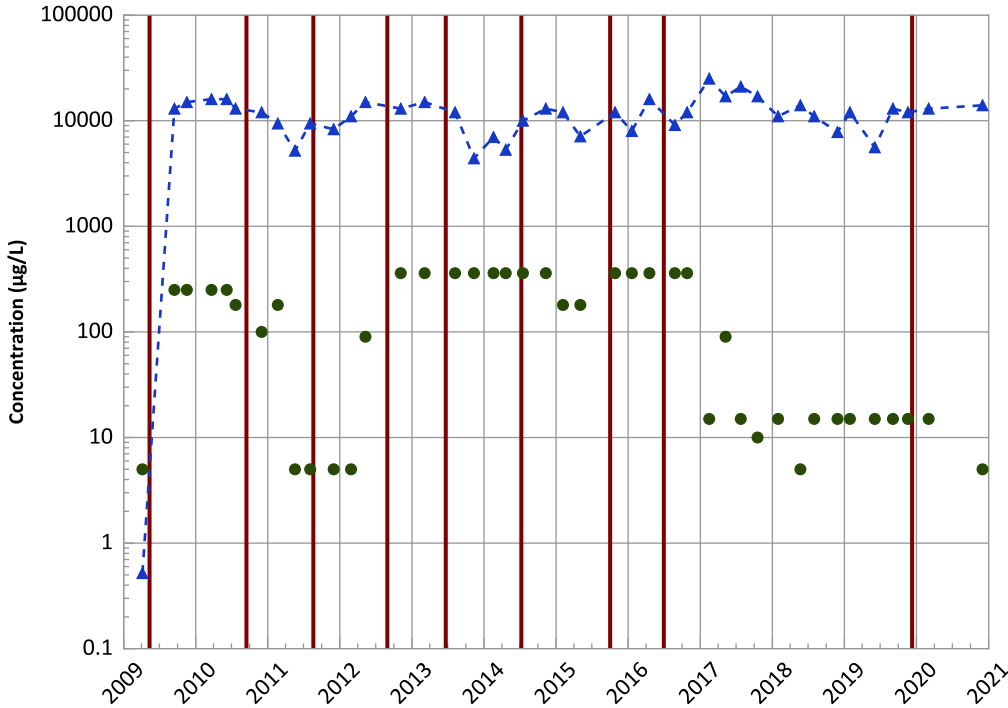
Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Stable

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

No Trend

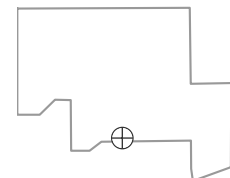
2018 - 2020 Data:

No Trend

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

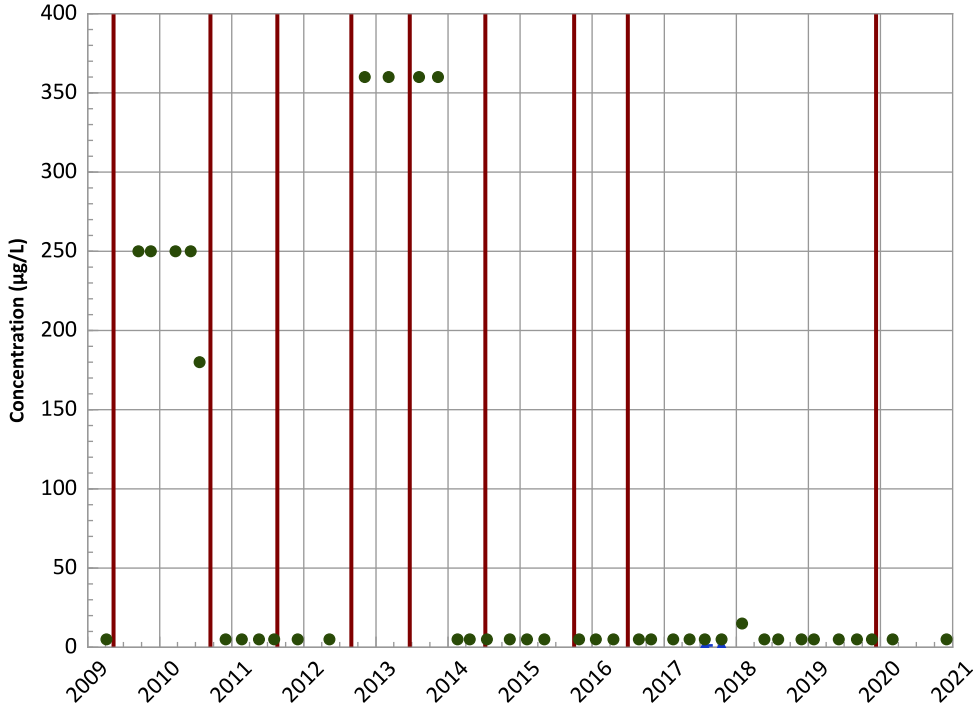
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

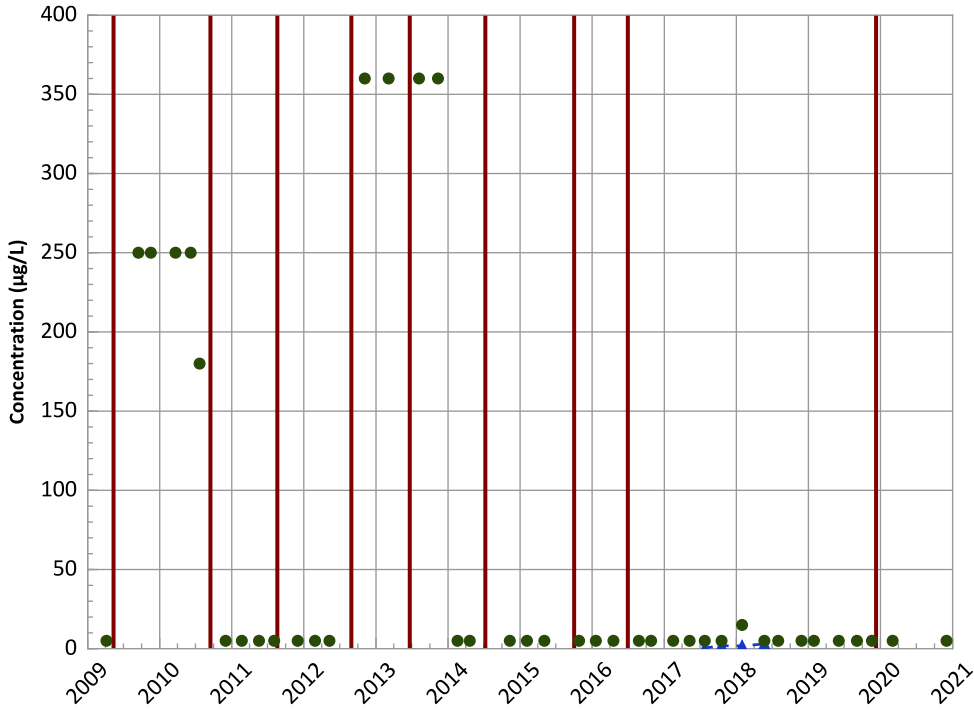


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Ethene (Ethylene) Trend



Concentration Trend

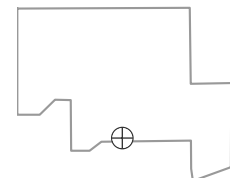
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

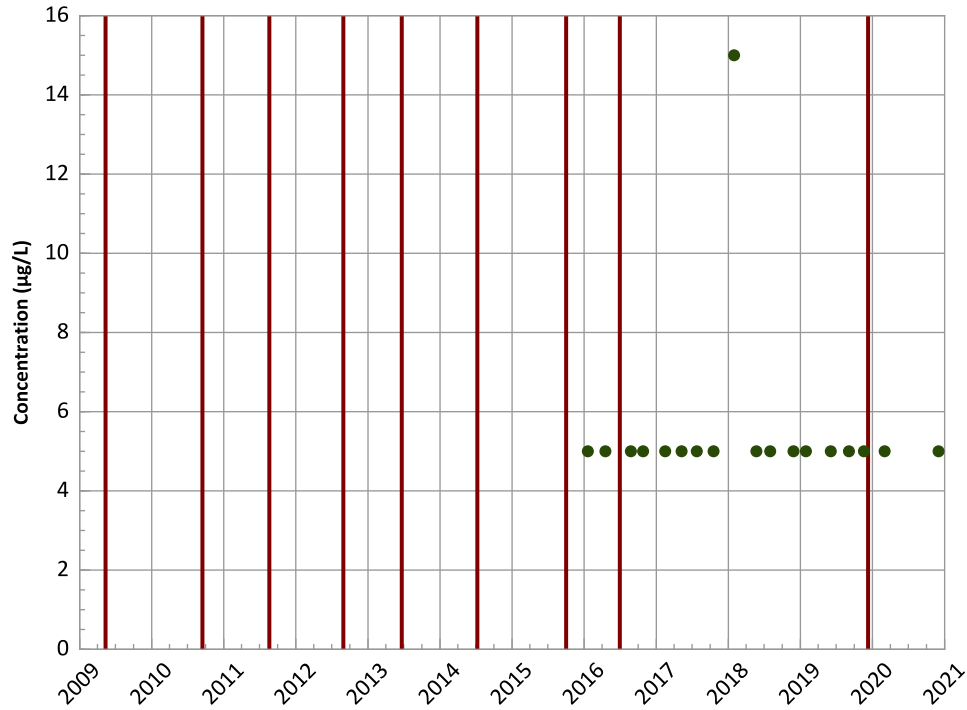
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trend



Concentration Trend

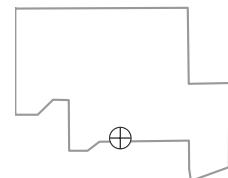
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

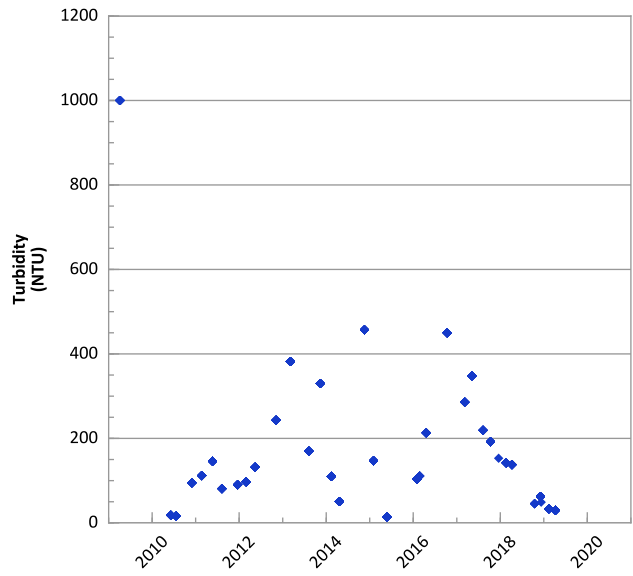
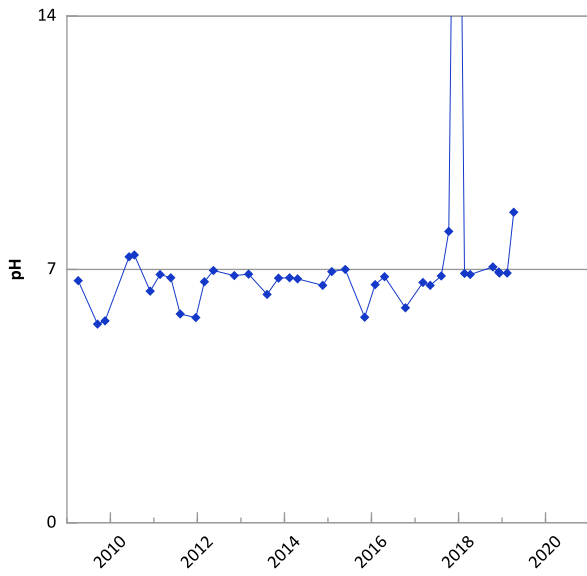
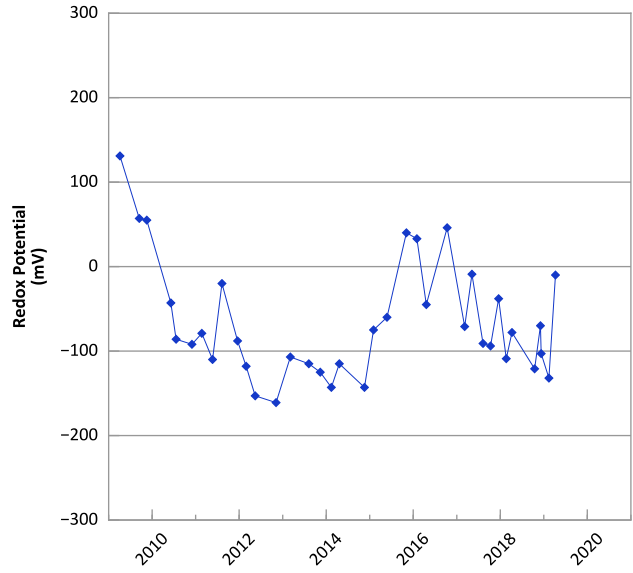
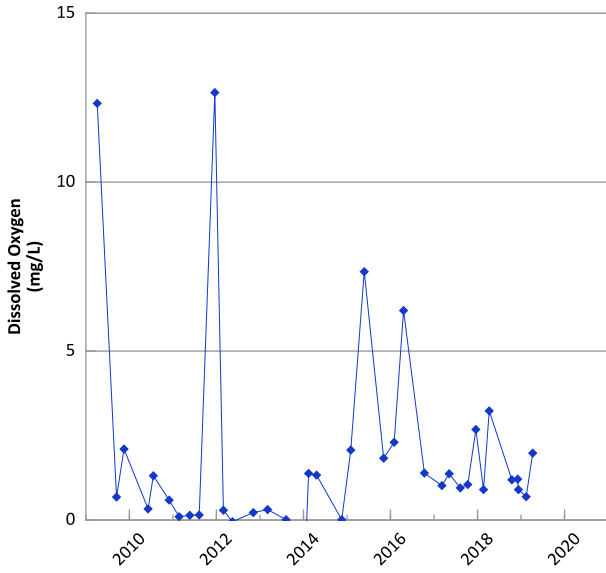
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 12/01/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

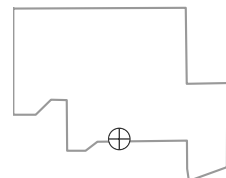


**PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



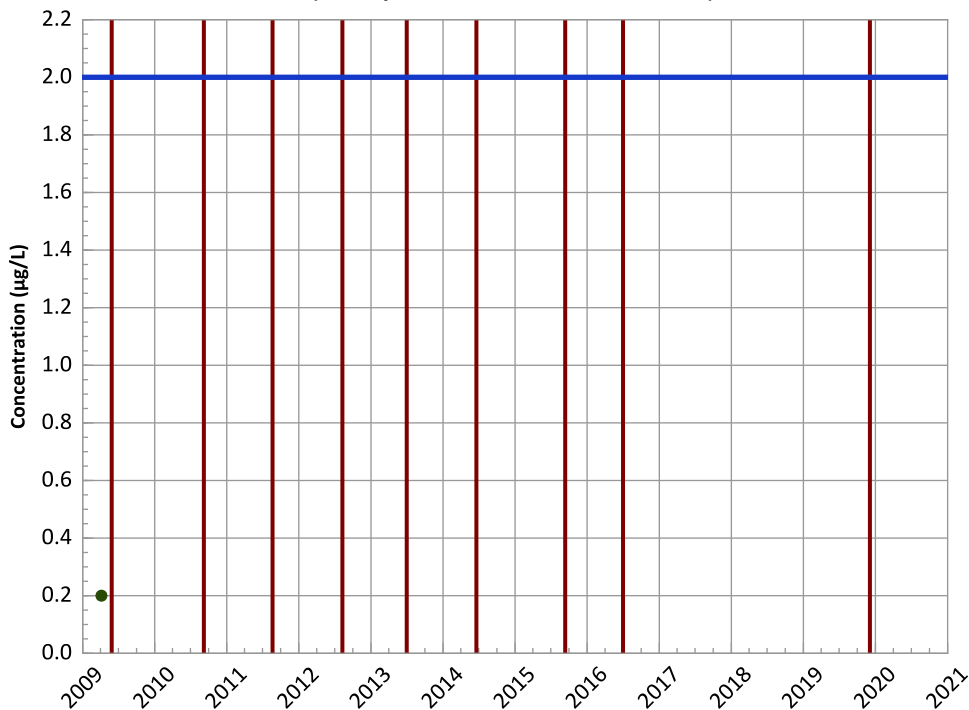
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 04/06/2009 to 04/09/2019
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

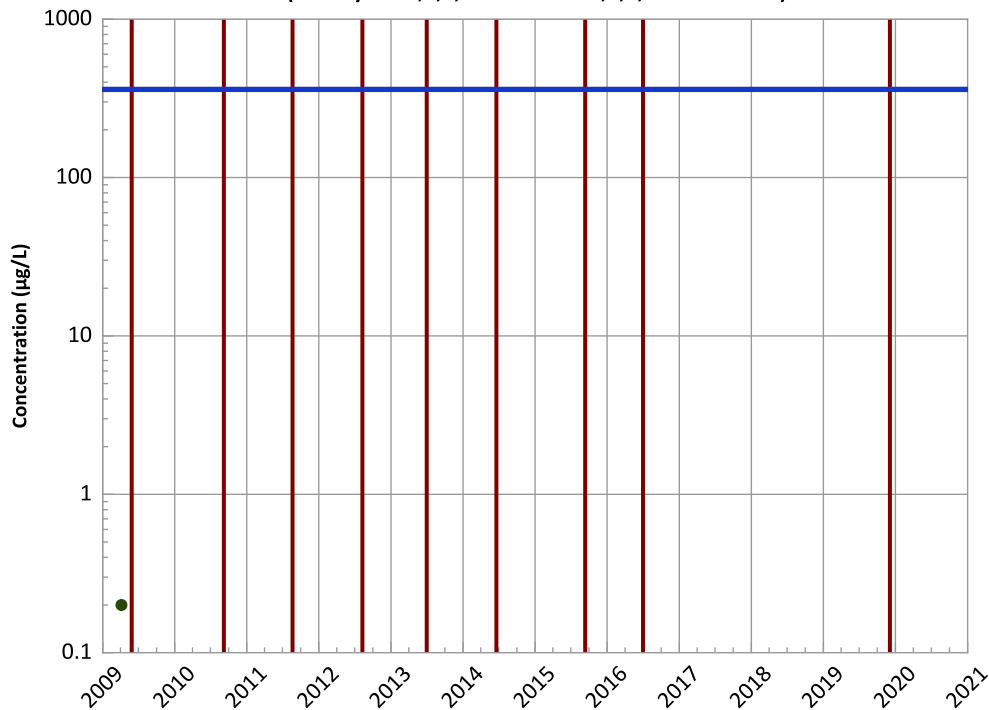


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

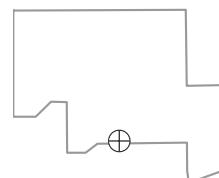


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

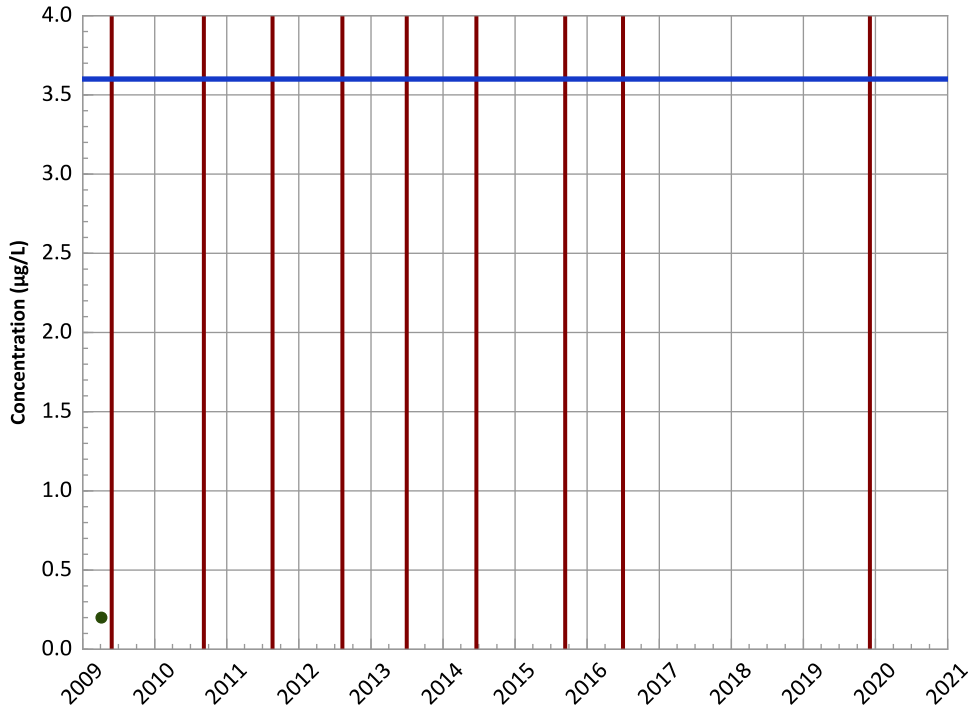


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

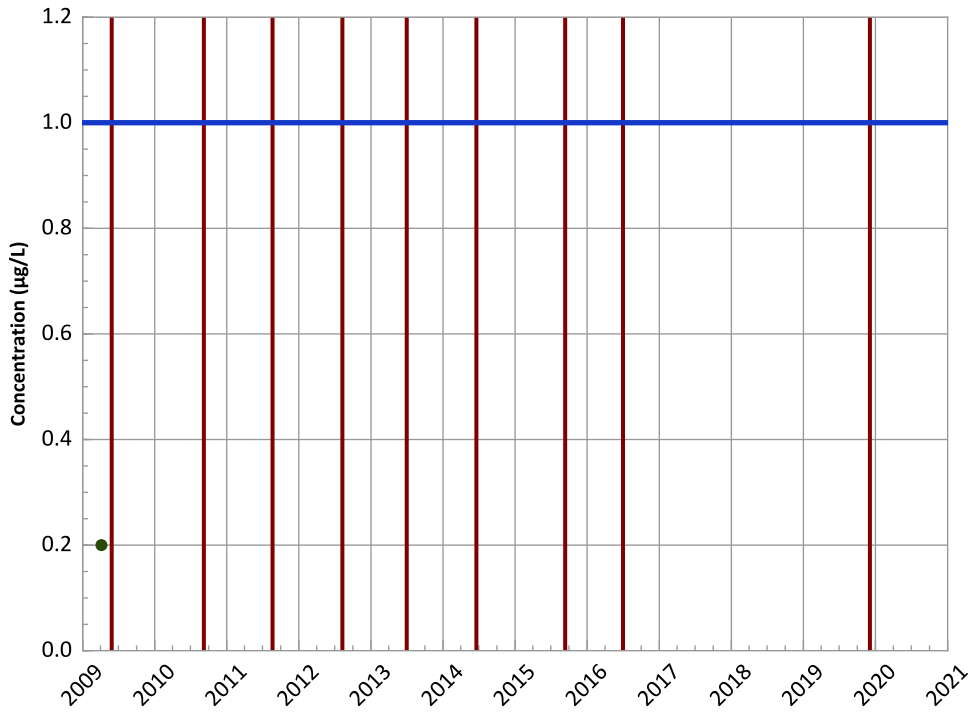


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

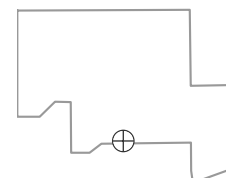


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

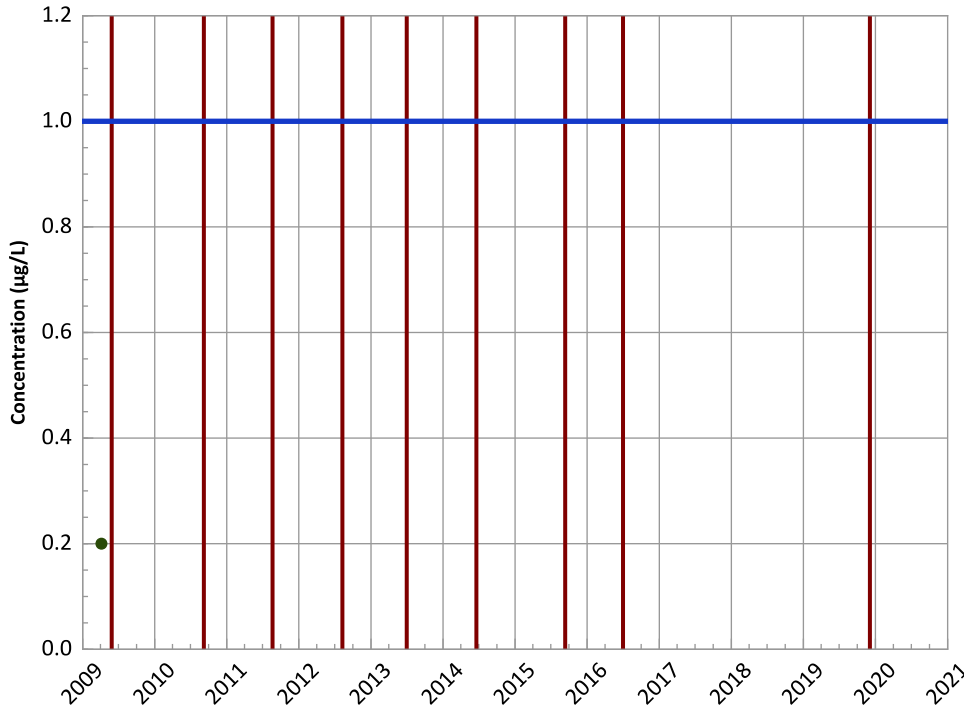


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

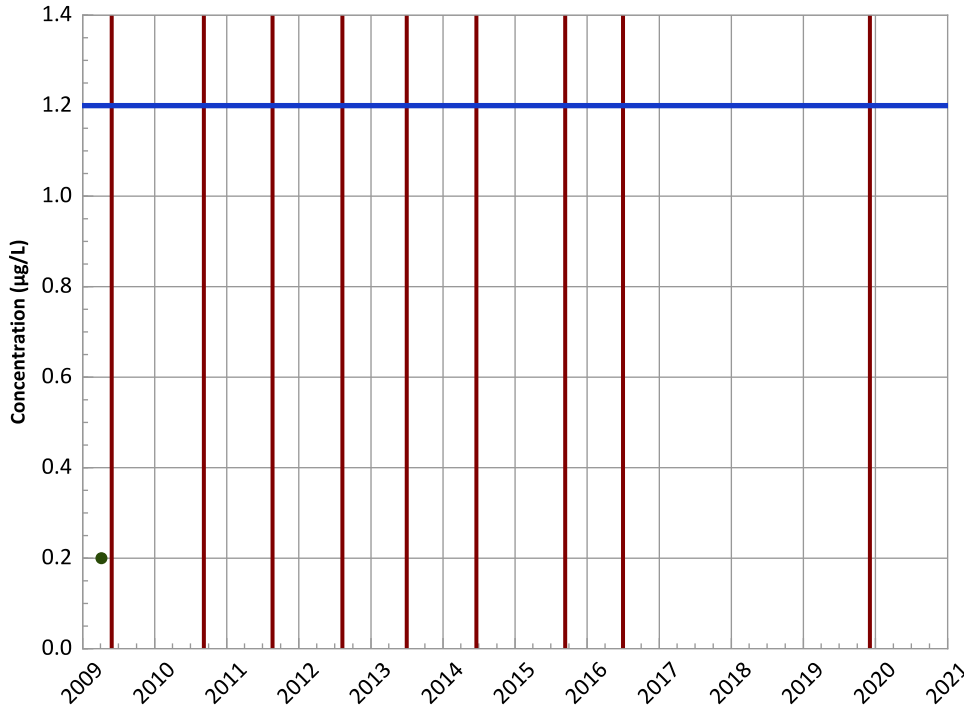


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

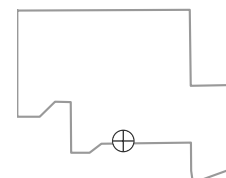


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

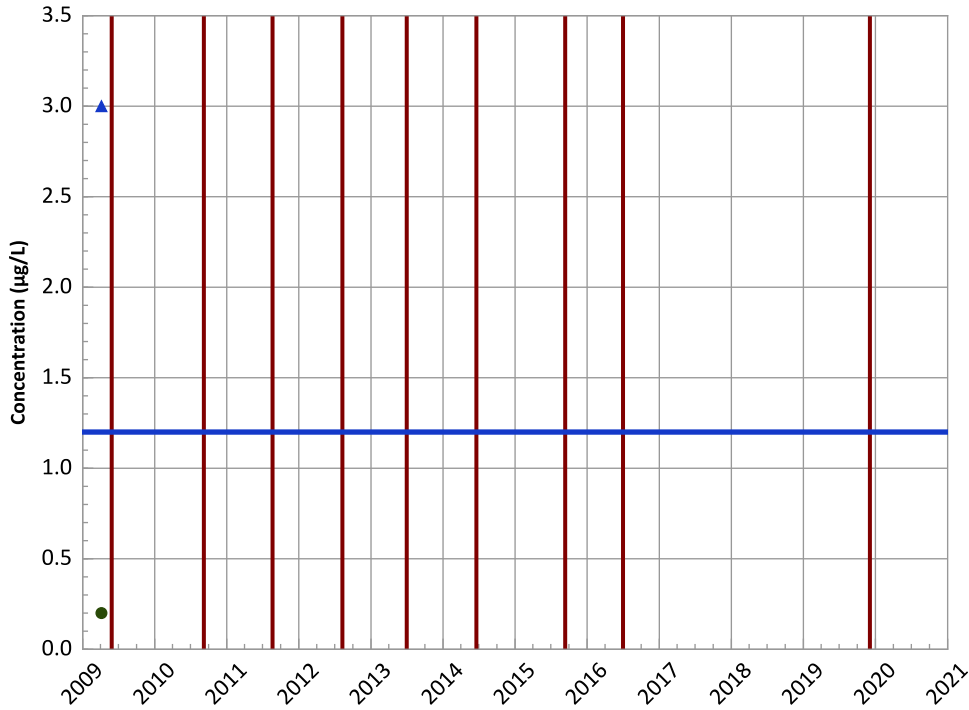


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

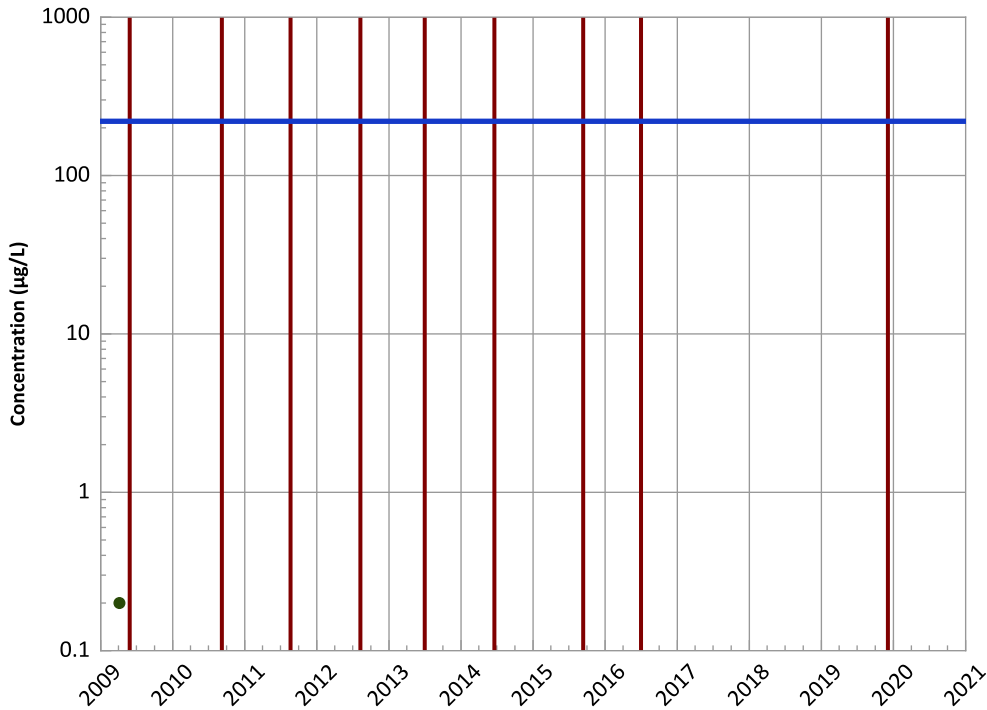


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

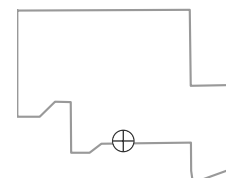
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

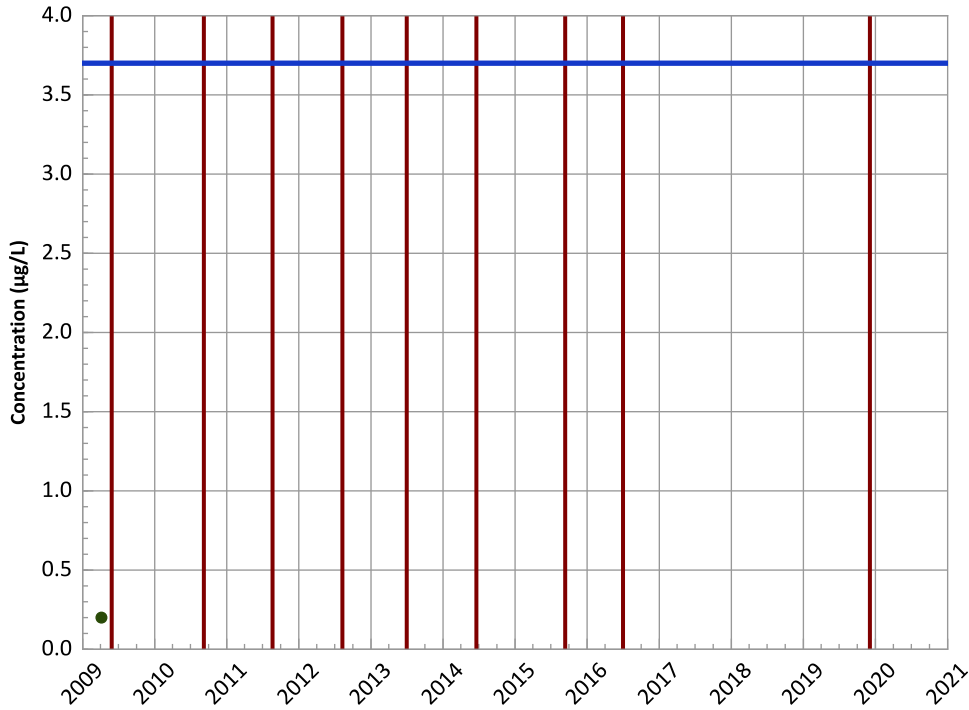
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

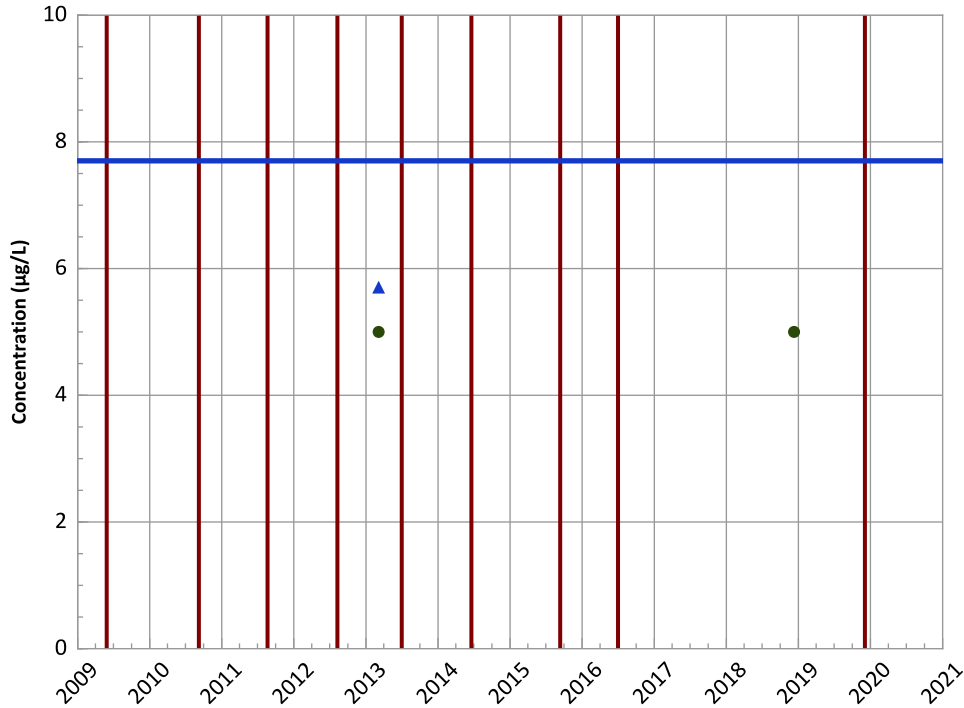


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

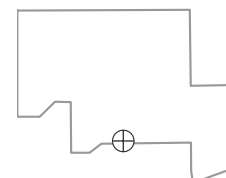


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

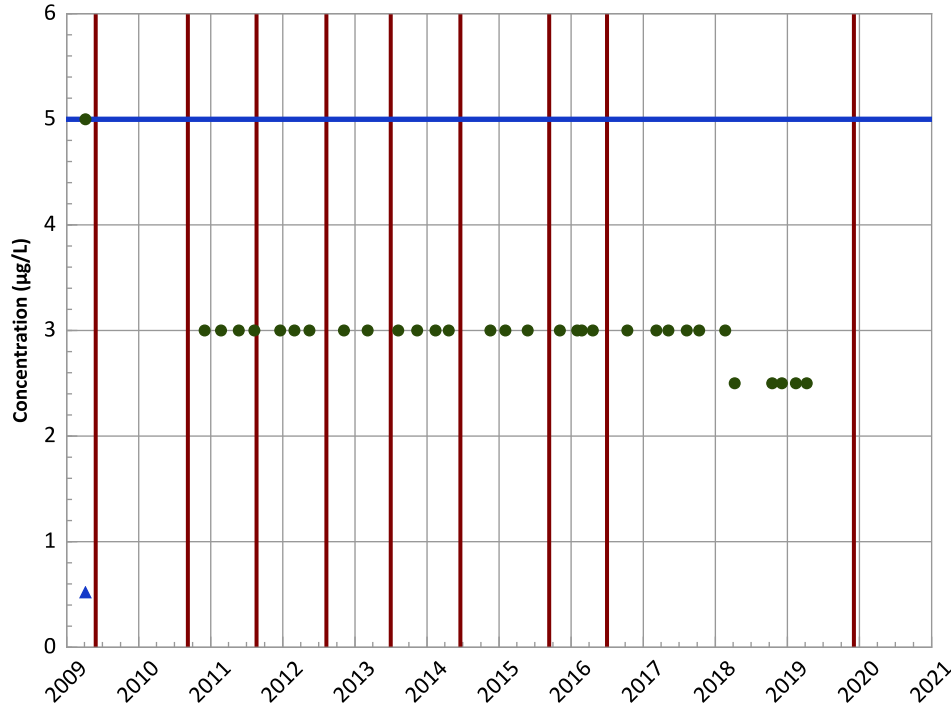
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

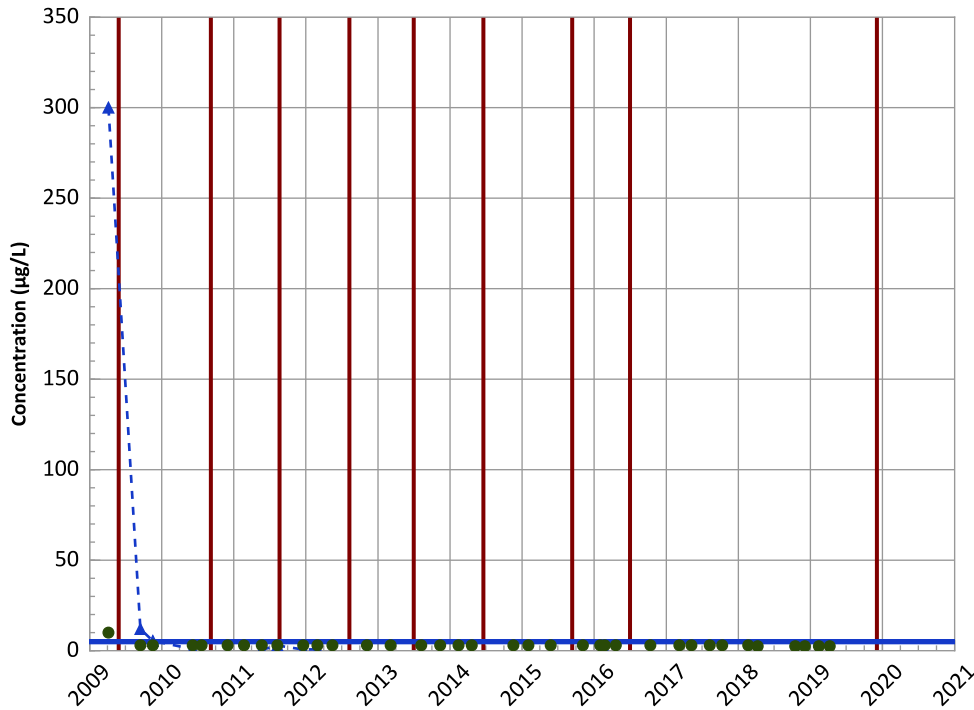


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend

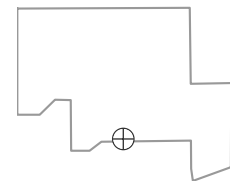


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

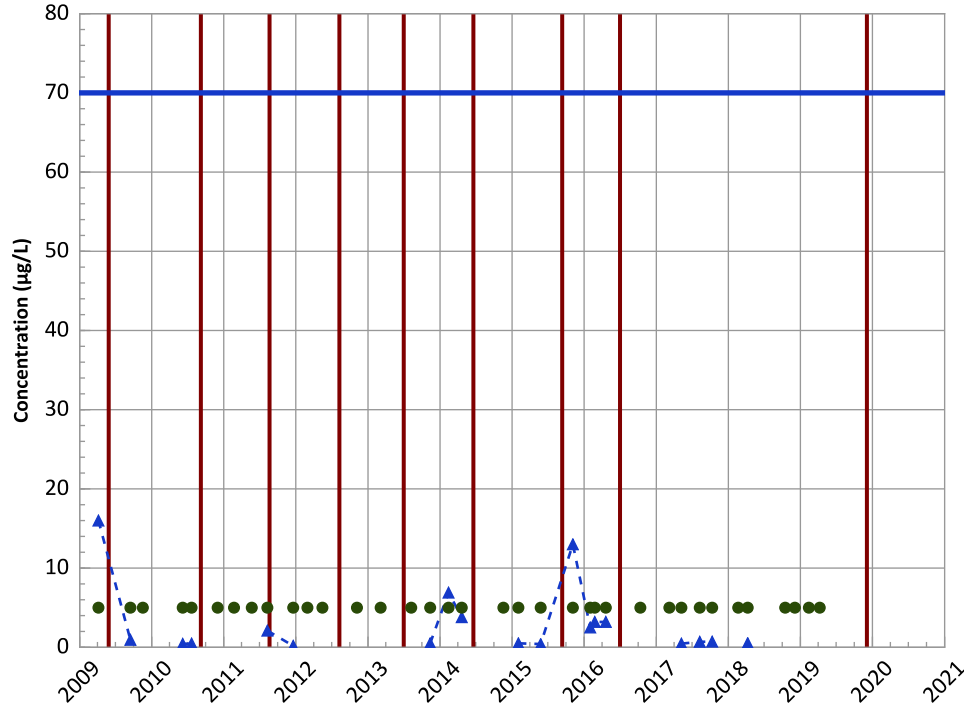


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

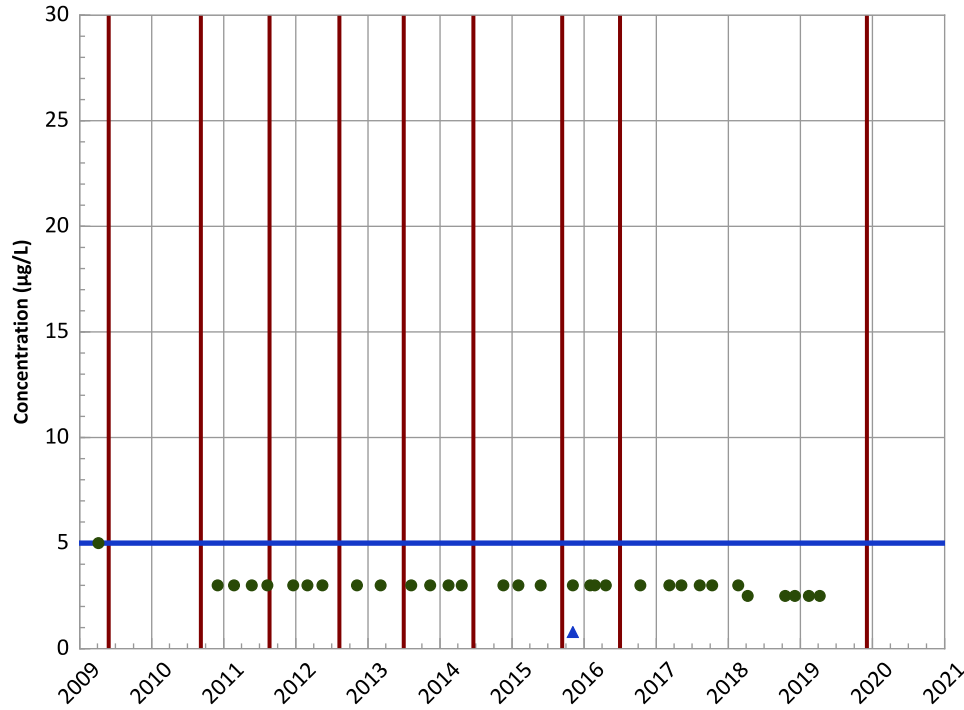
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

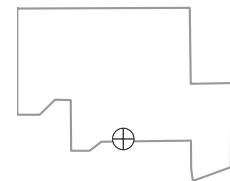
cis-1,2-Dichloroethene Trend



1,2-Dichloroethane Trend



Well Location

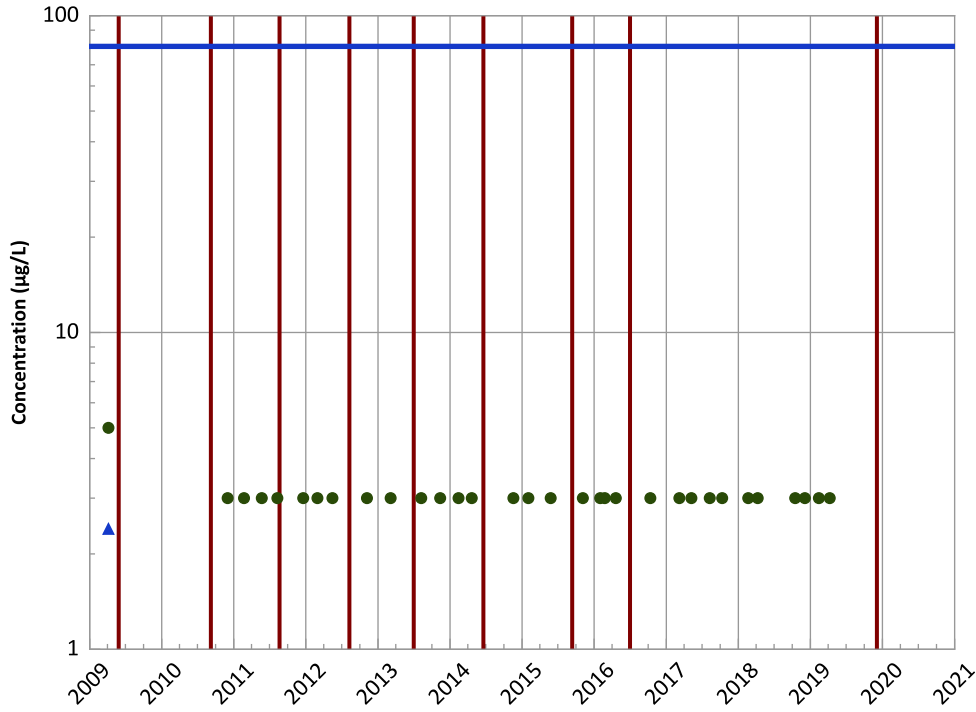


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 04/06/2009 to 04/09/2019
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

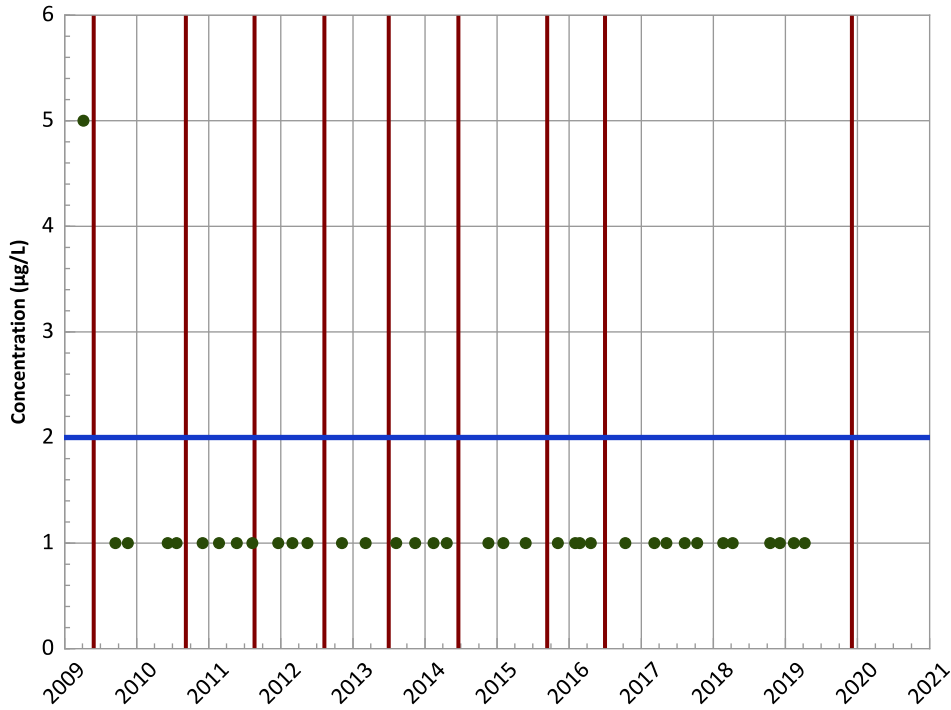


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend

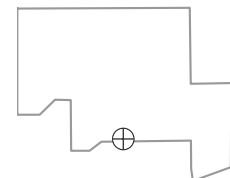


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

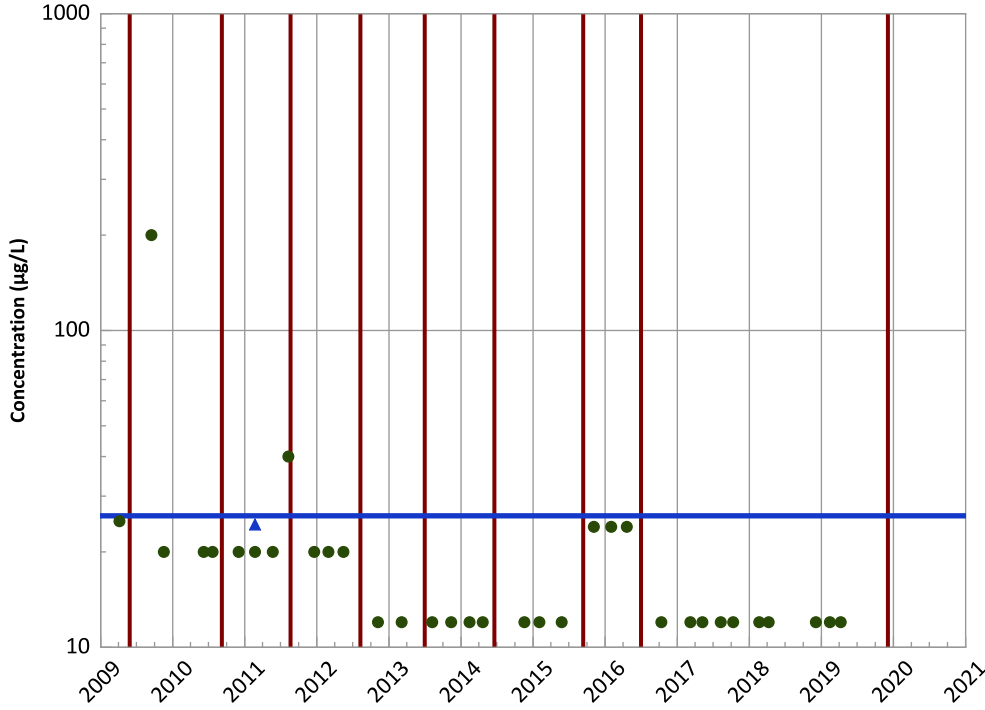


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

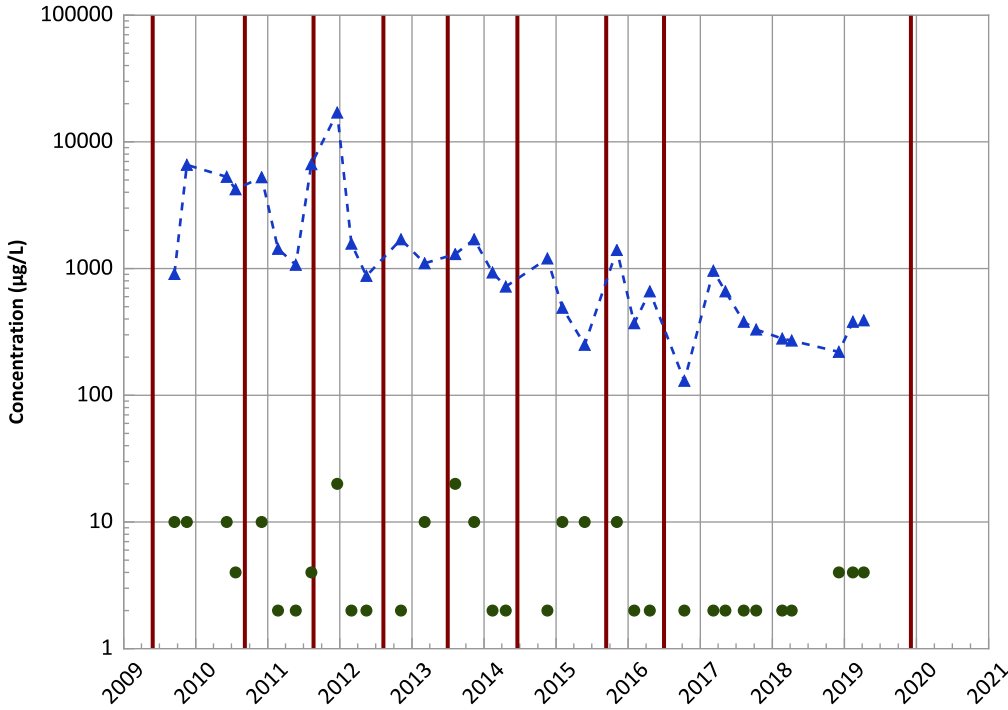


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Manganese Trend

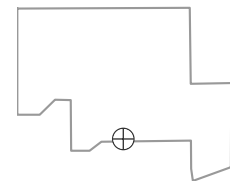


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Probably Increasing' 'Probably Increasing

Well Location

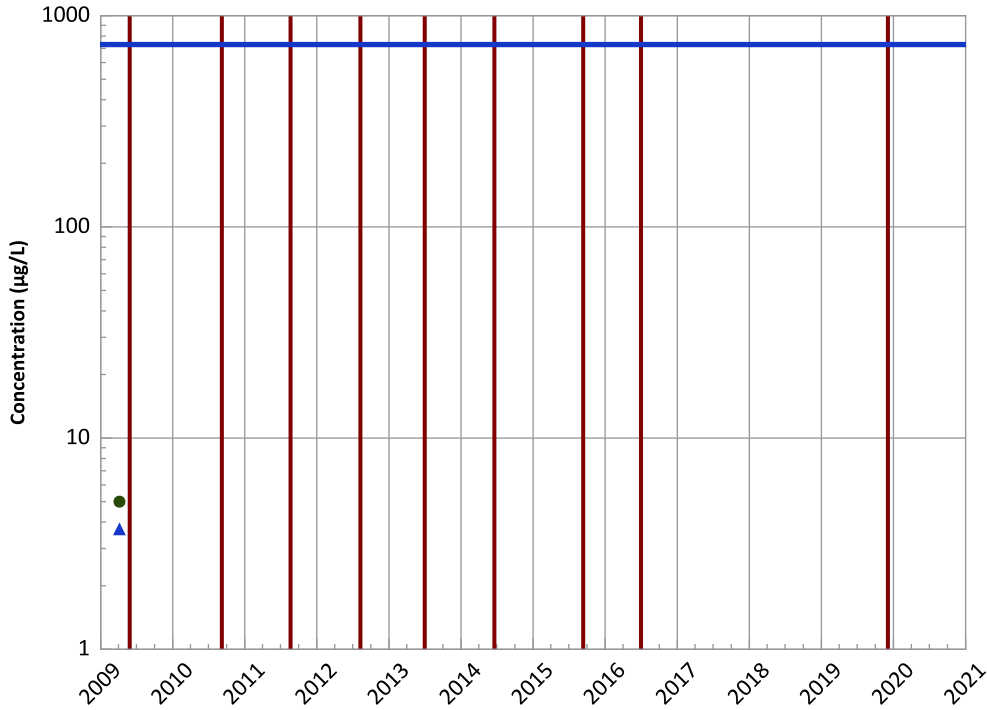


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

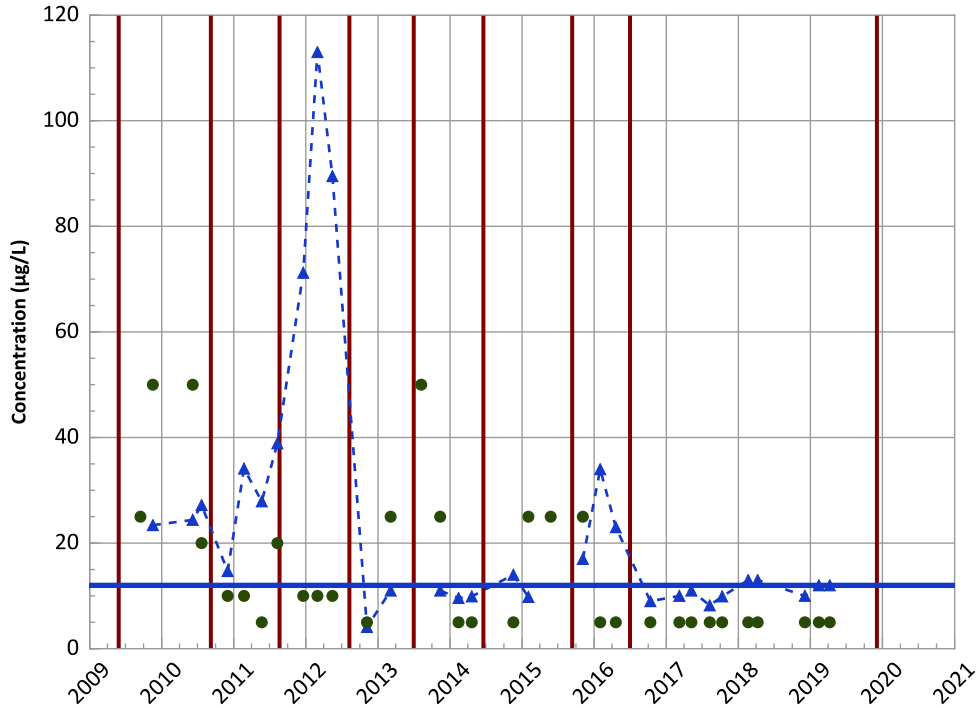
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

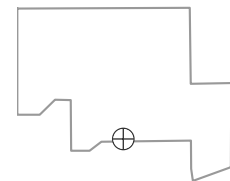
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Well Location

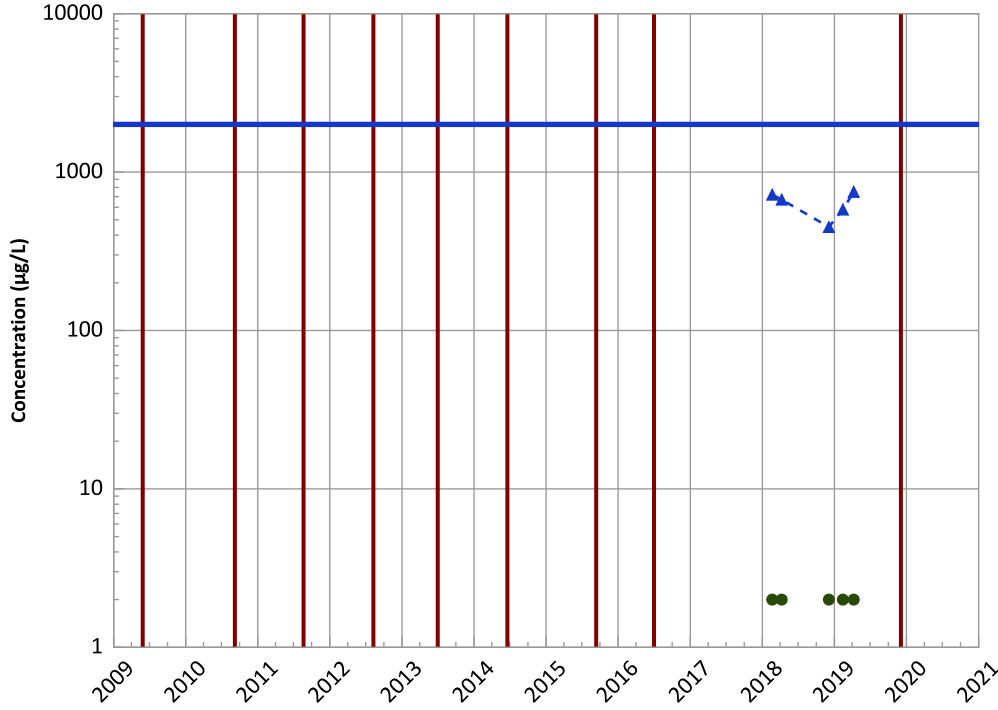


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

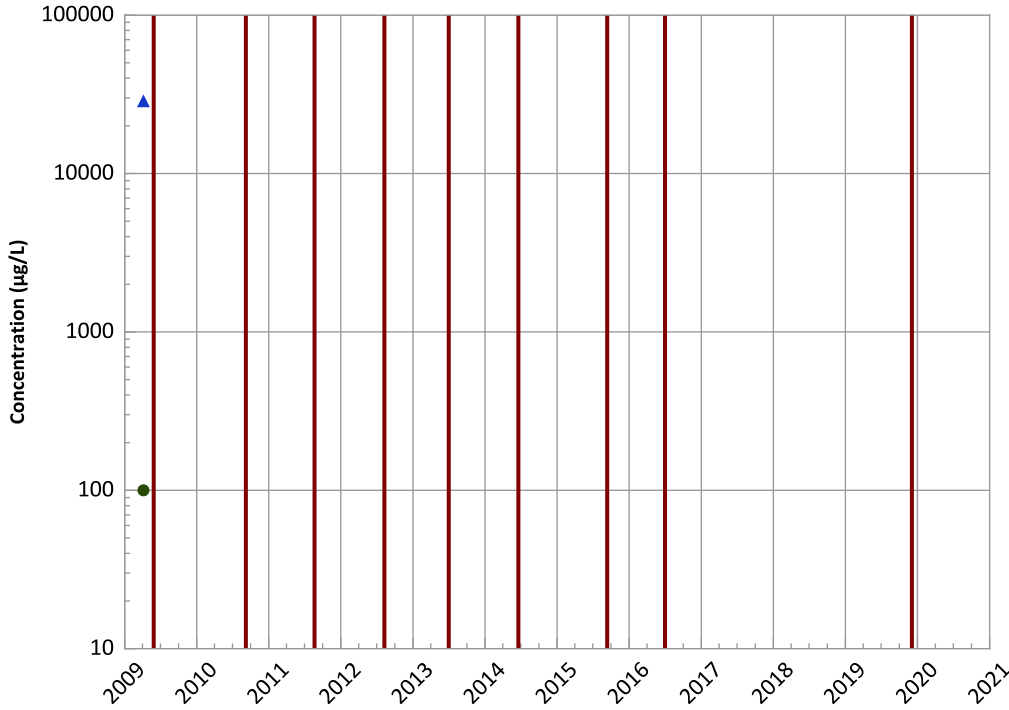


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
No Trend

Calcium Trend

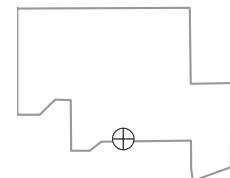


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

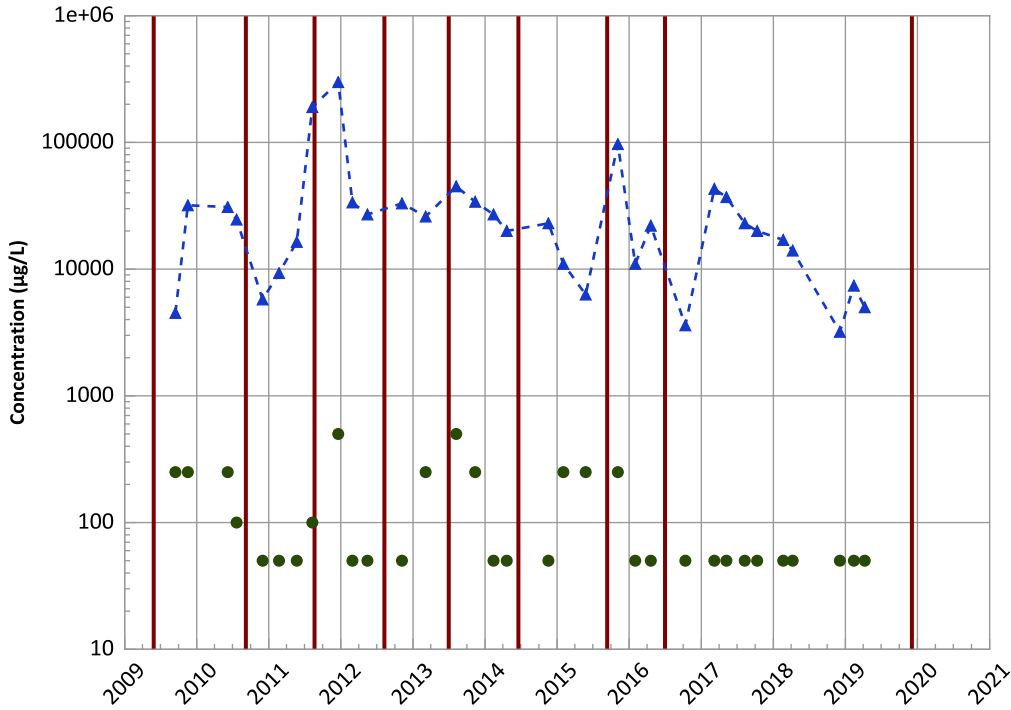


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

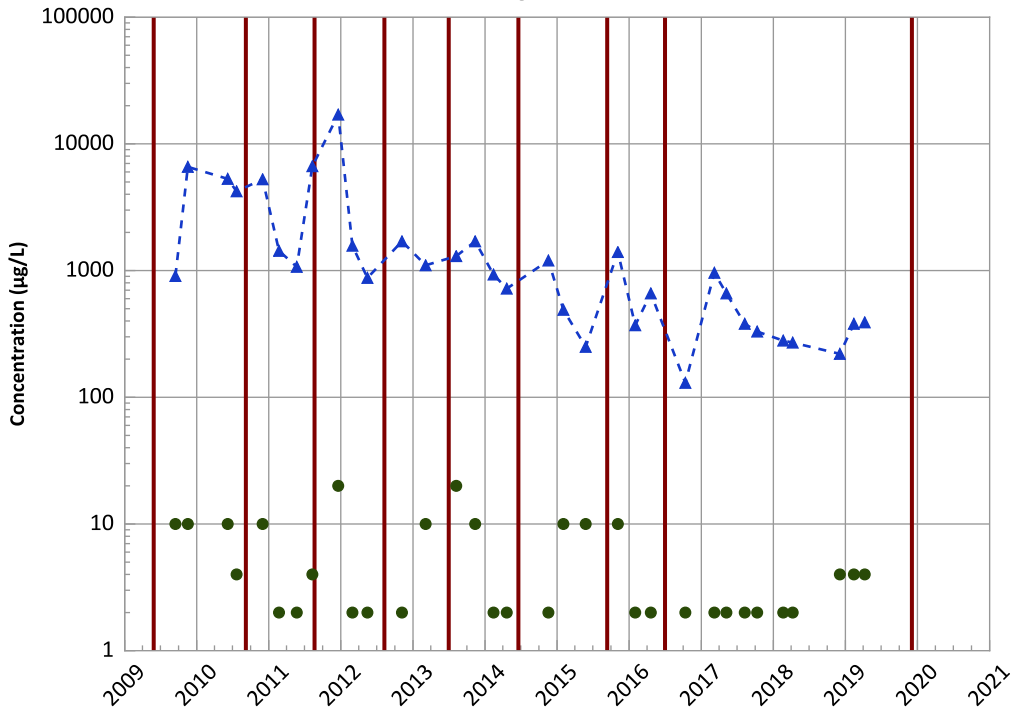


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Decreasing
2018 - 2020 Data:
Stable

Manganese Trend

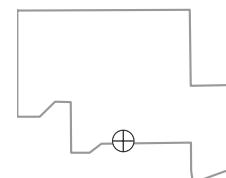


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Probably Increasing' 'Probably Increasing

Well Location

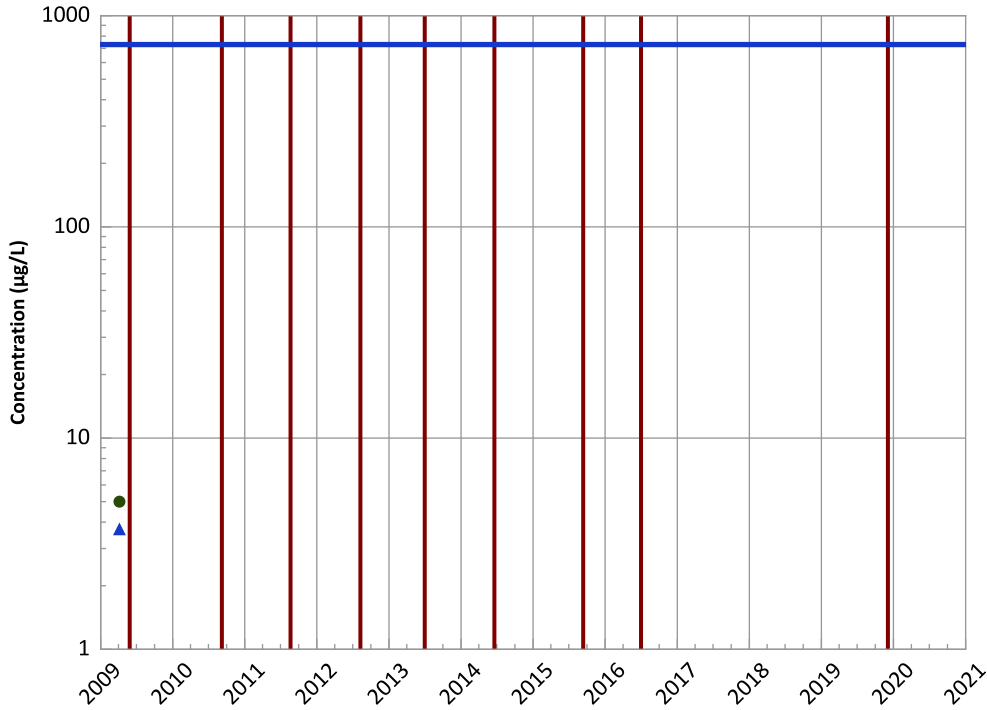


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

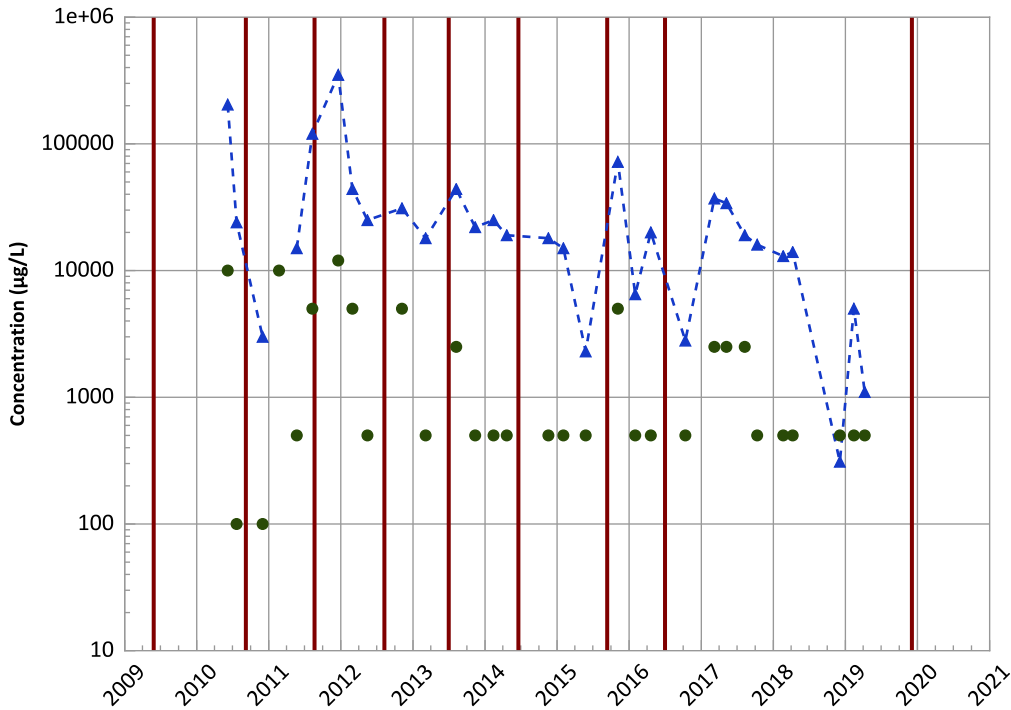
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Ferrous Iron Trend



Concentration Trend

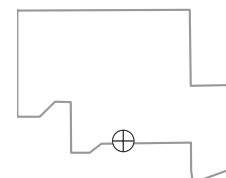
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Well Location

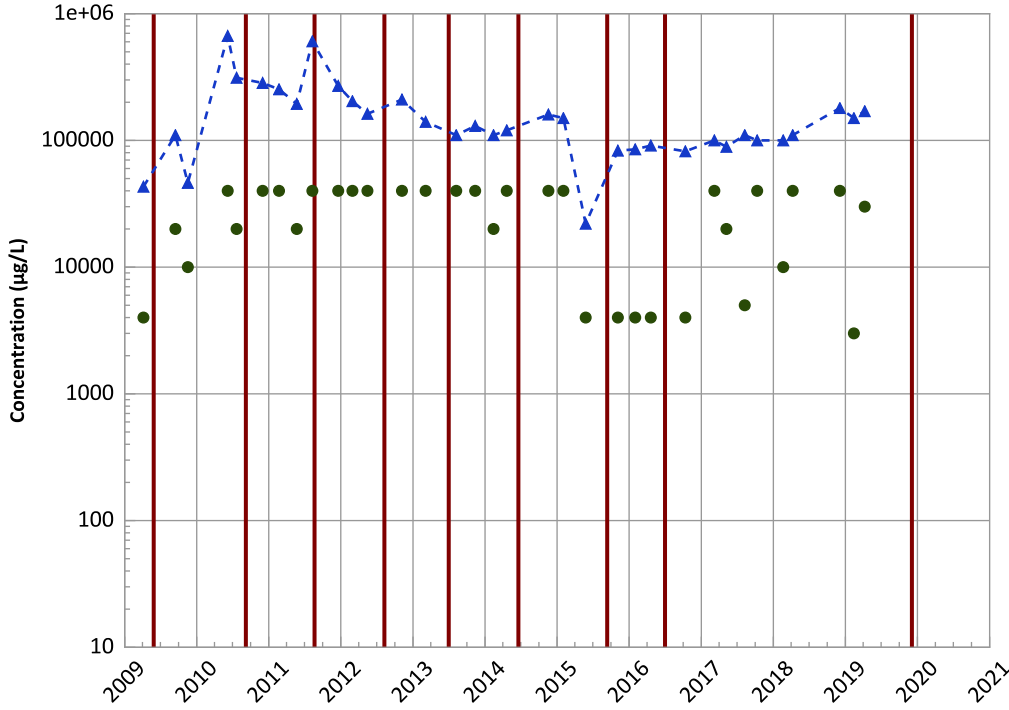


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

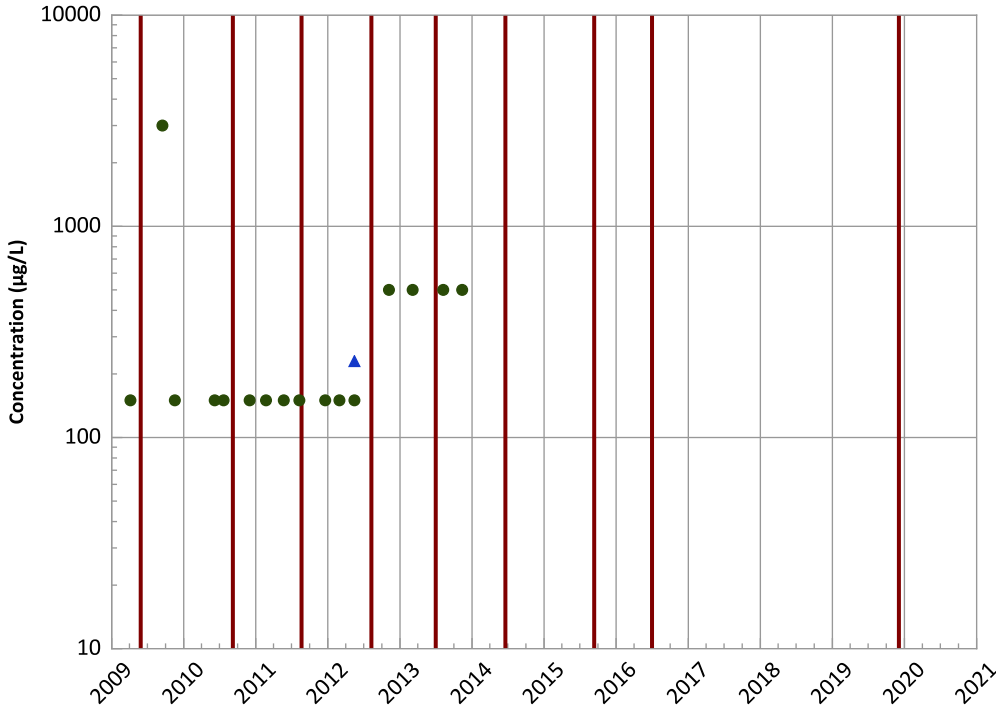


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Chlorate Trend

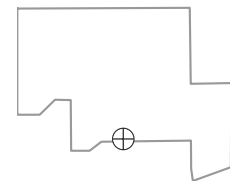


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

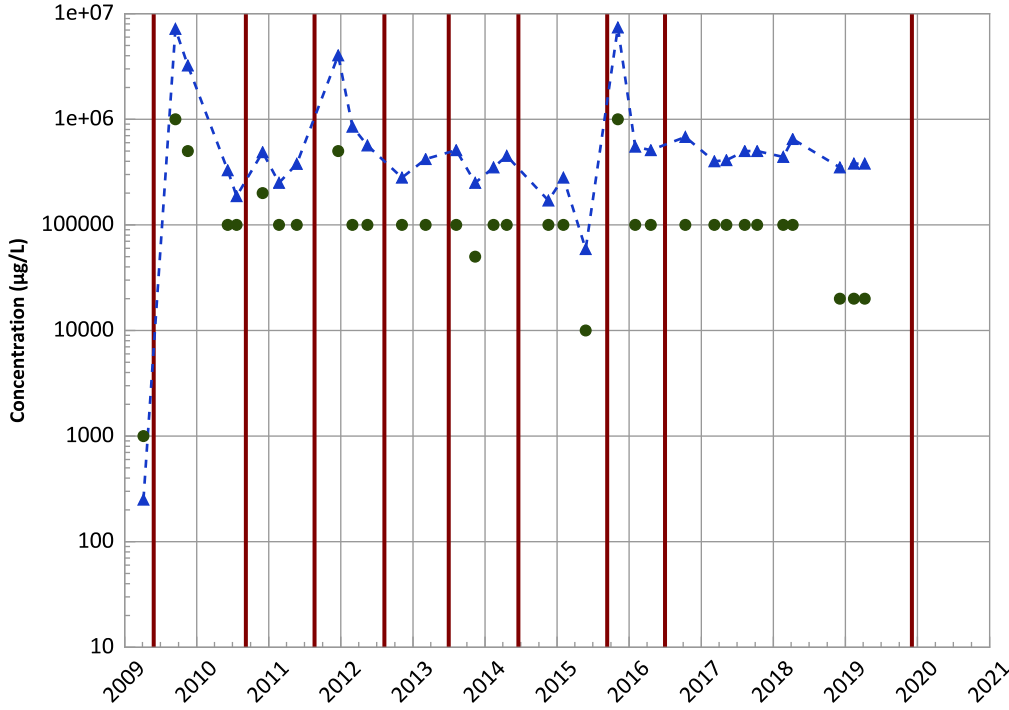


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

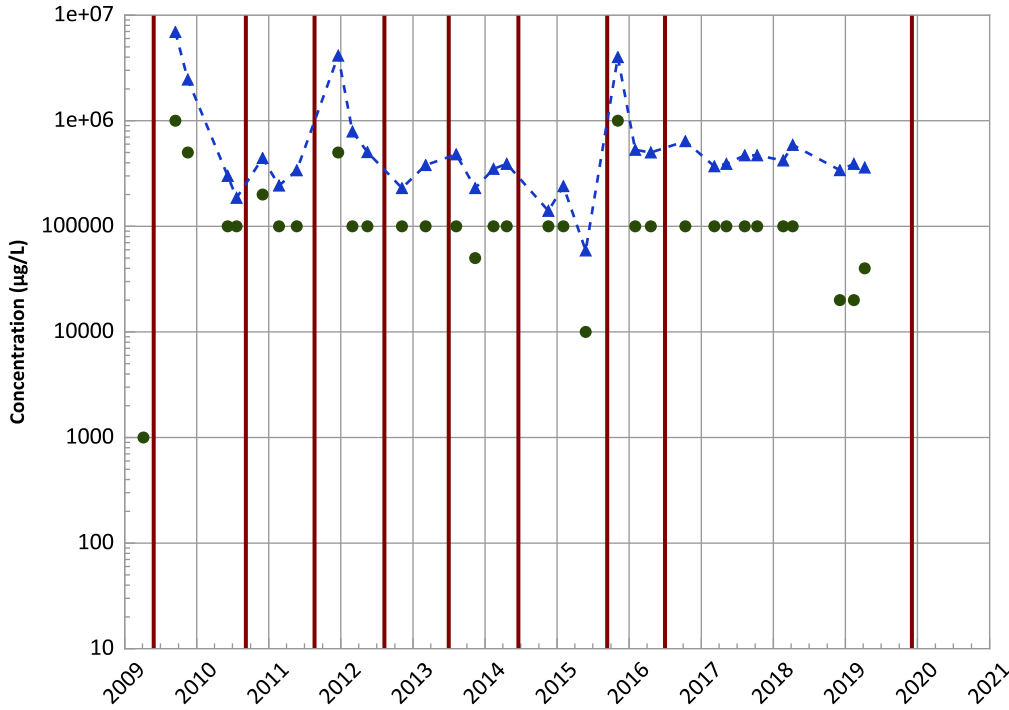


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

Dissolved Organic Carbon (DOC) Trend

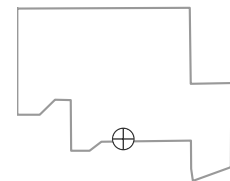


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

Well Location

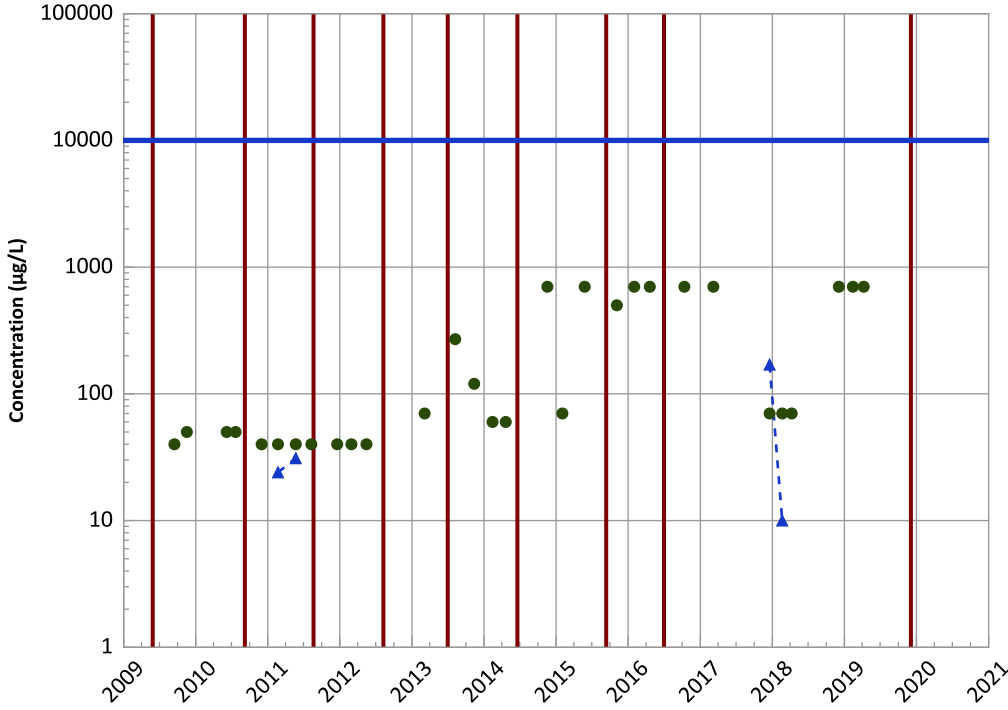


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

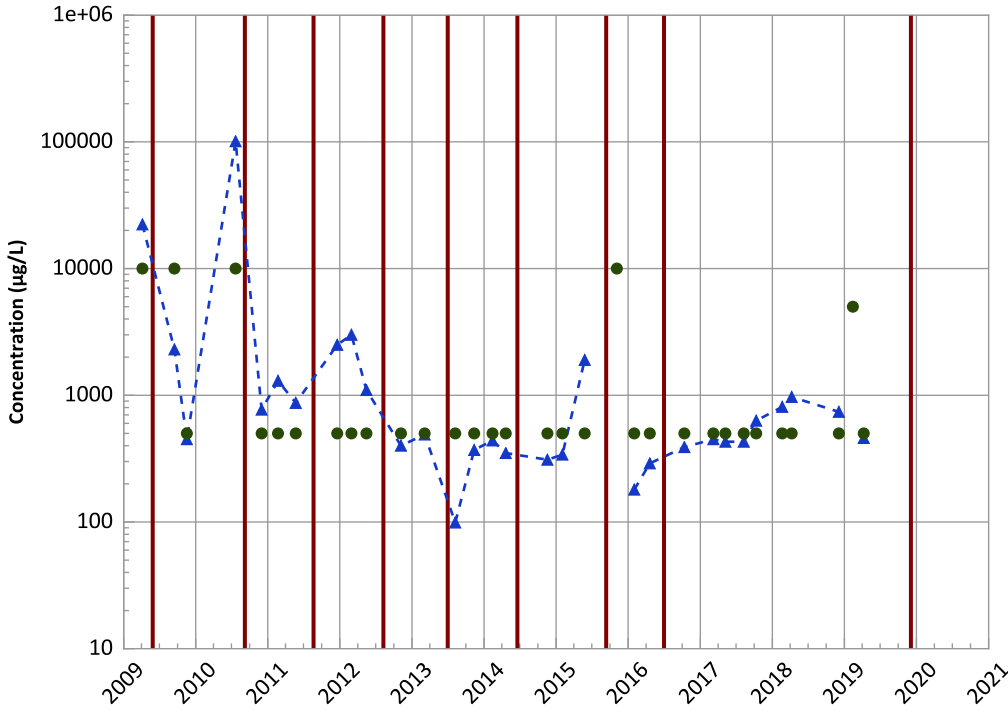


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Sulfate (as SO4) Trend

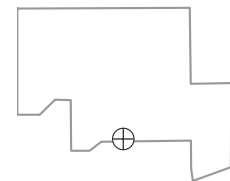


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Probably Decreasing

Well Location

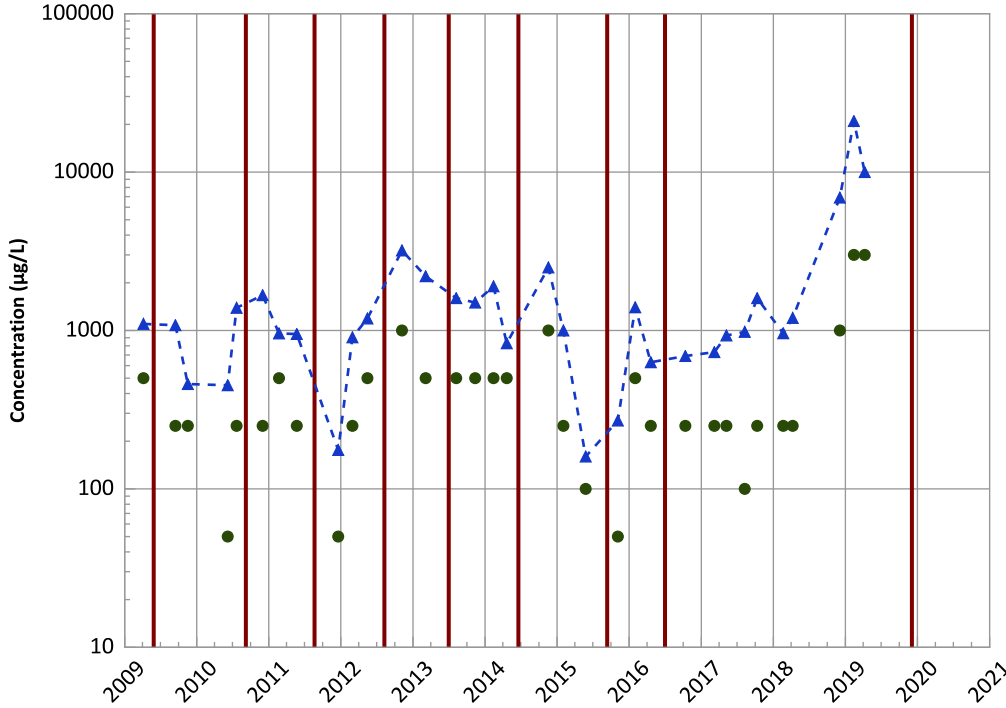


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Probably Increasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

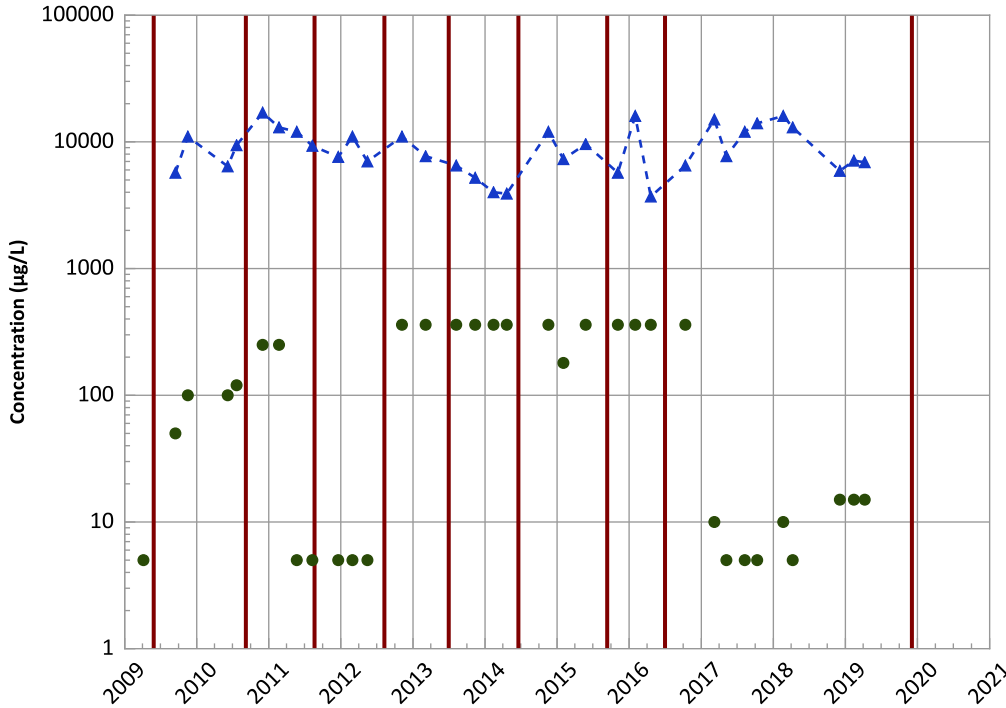
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

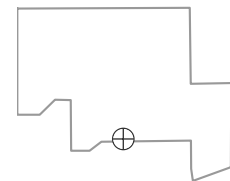
Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

Stable

Well Location

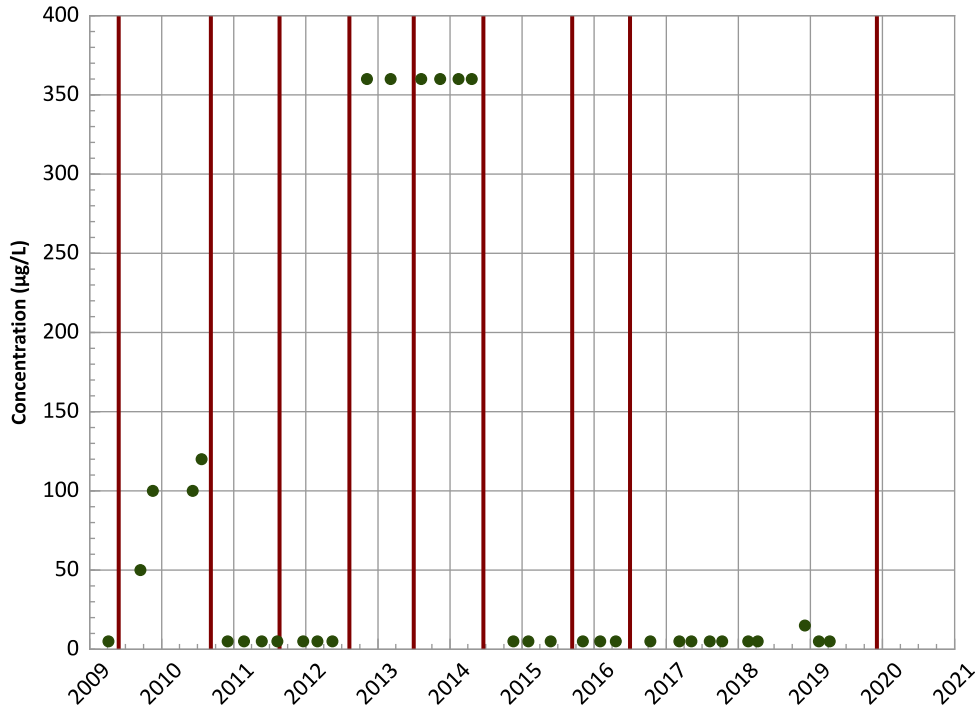


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

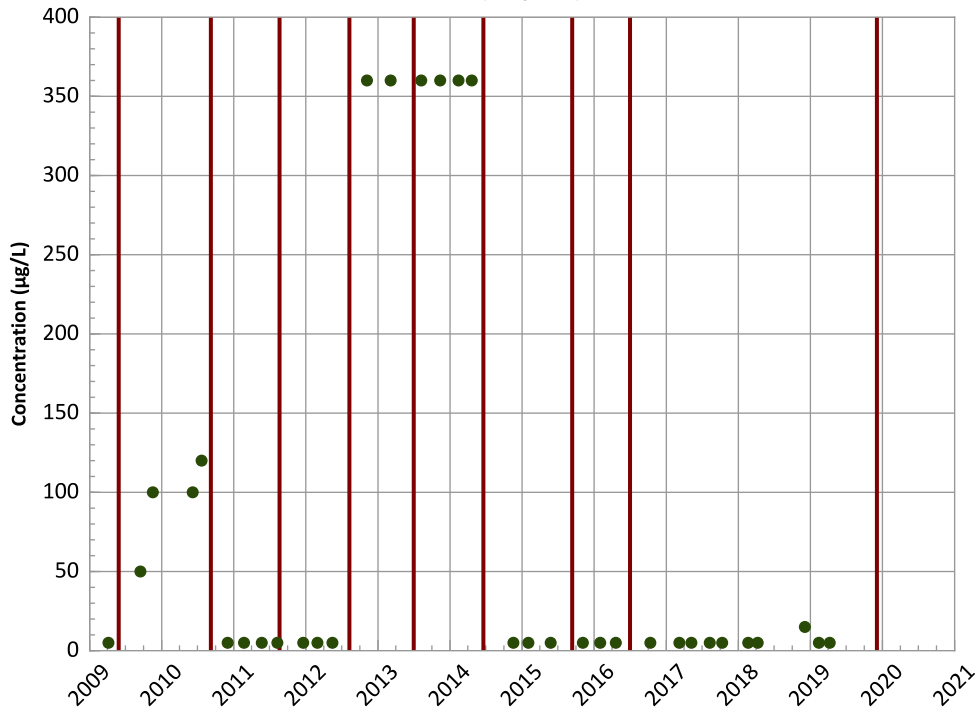


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Ethene (Ethylene) Trend

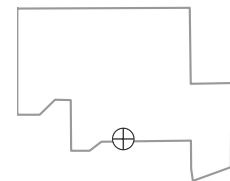


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 04/06/2009 to 04/09/2019
Analysis Date: 06/03/2021

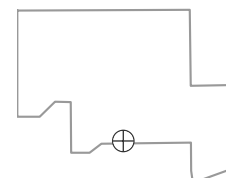
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trend



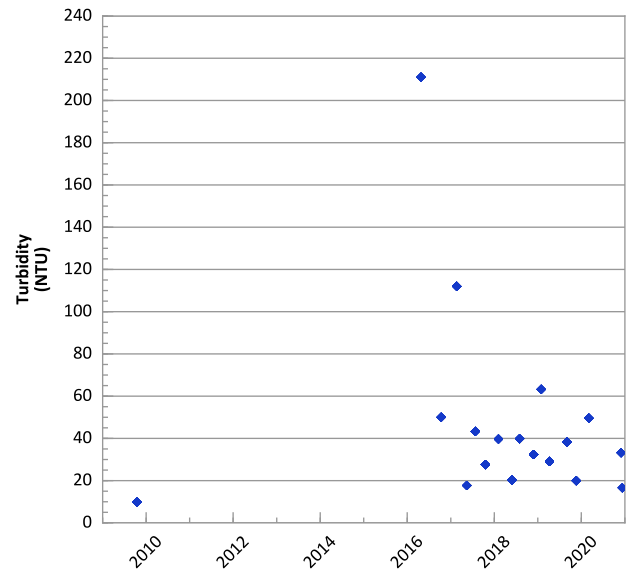
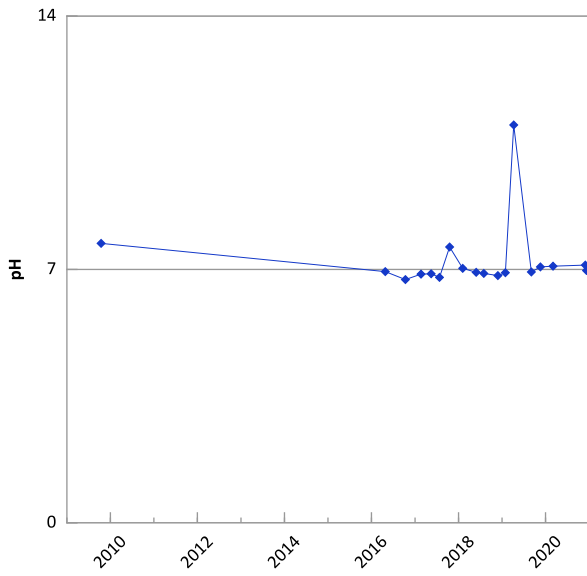
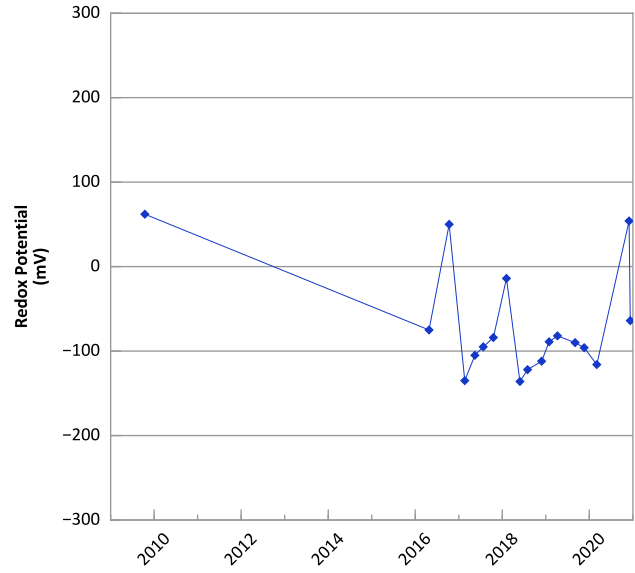
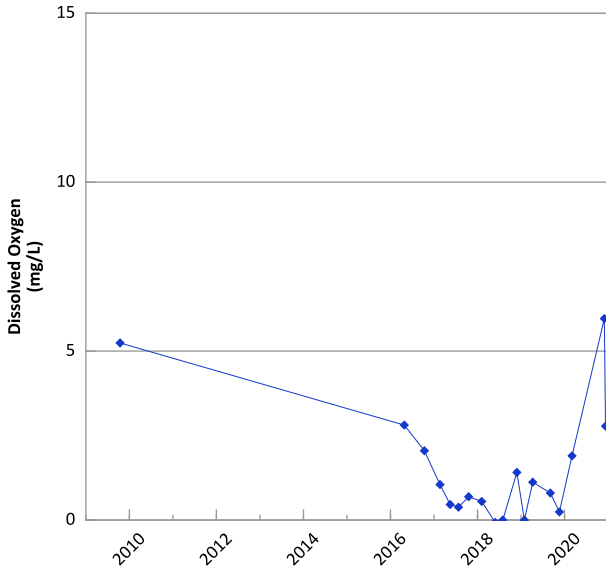
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 04/06/2009 to 04/09/2019
 Analysis Date: 06/03/2021

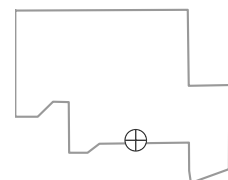
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



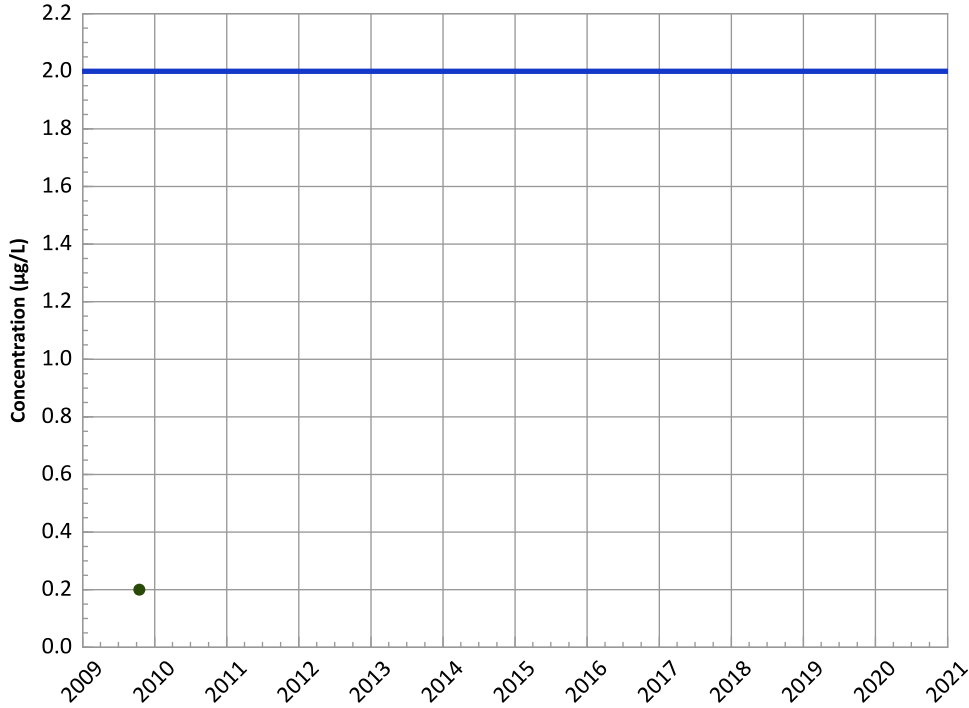
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 10/15/2009 to 12/10/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

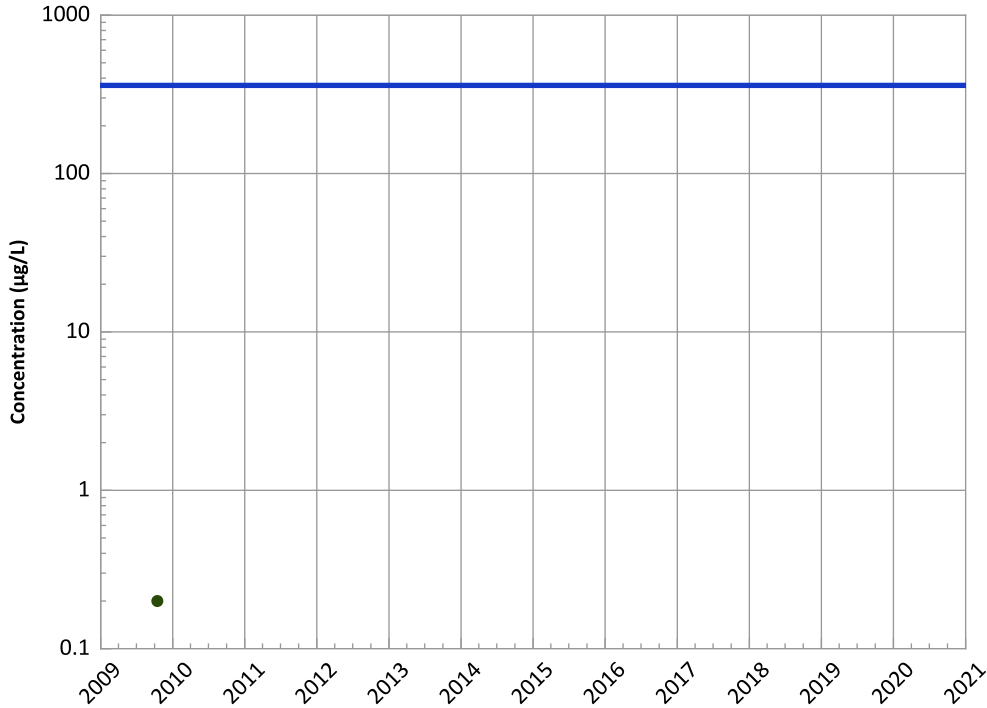


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

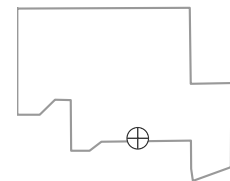


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

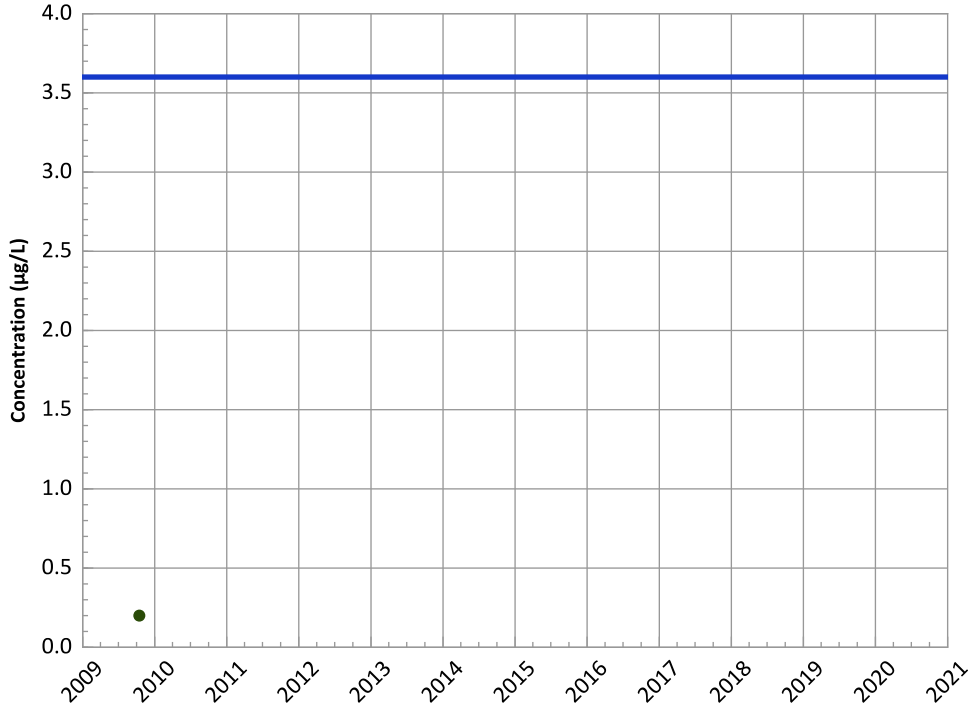


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

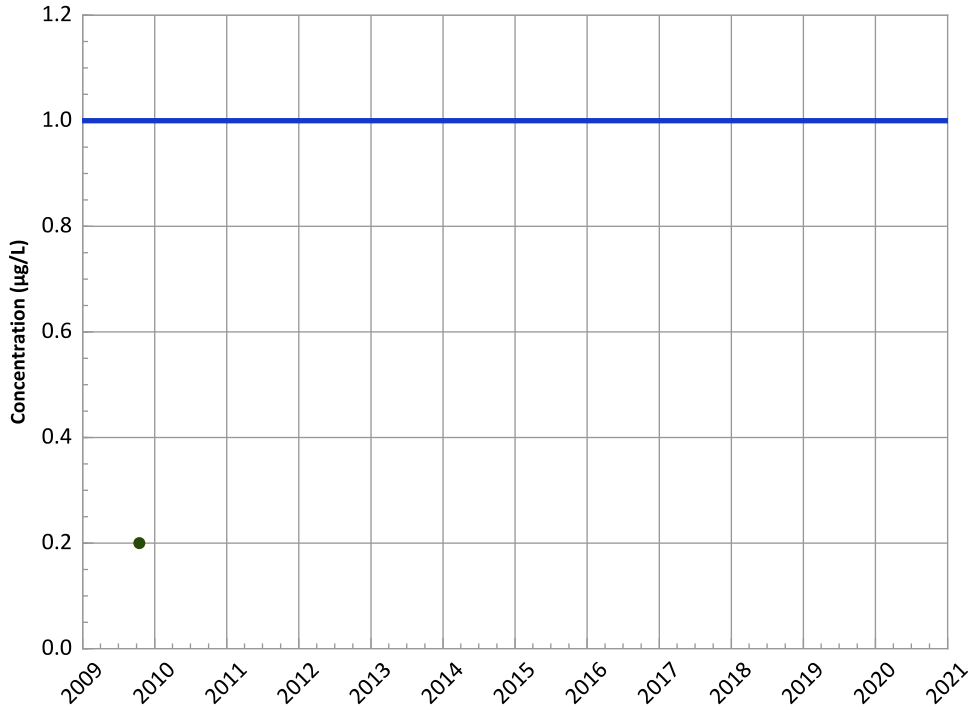


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

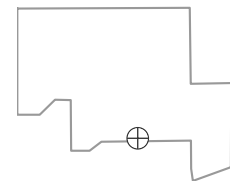


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

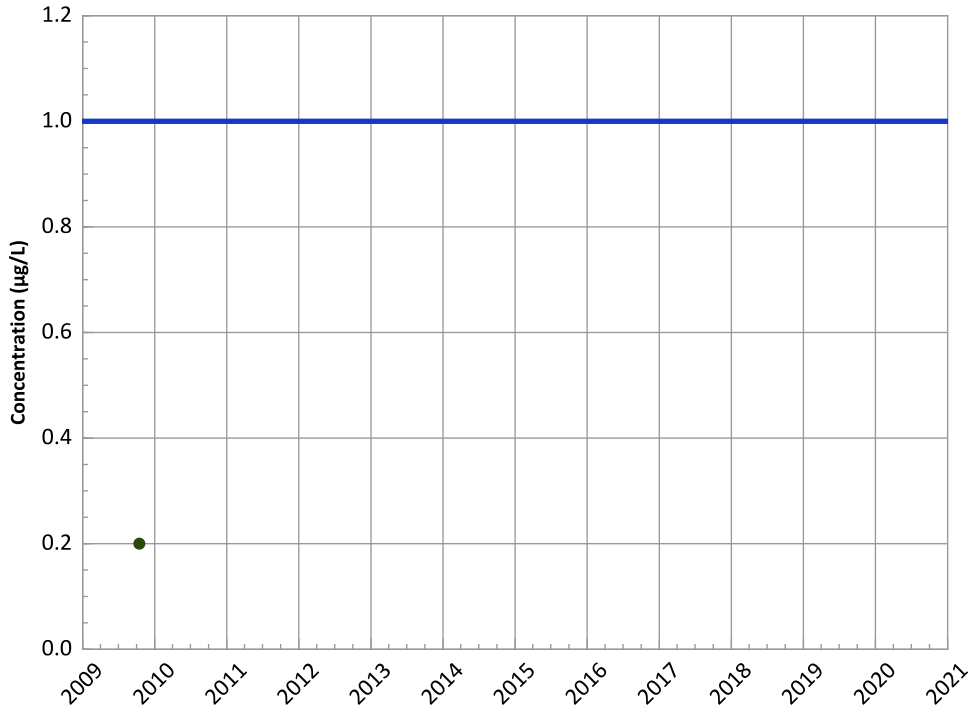


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

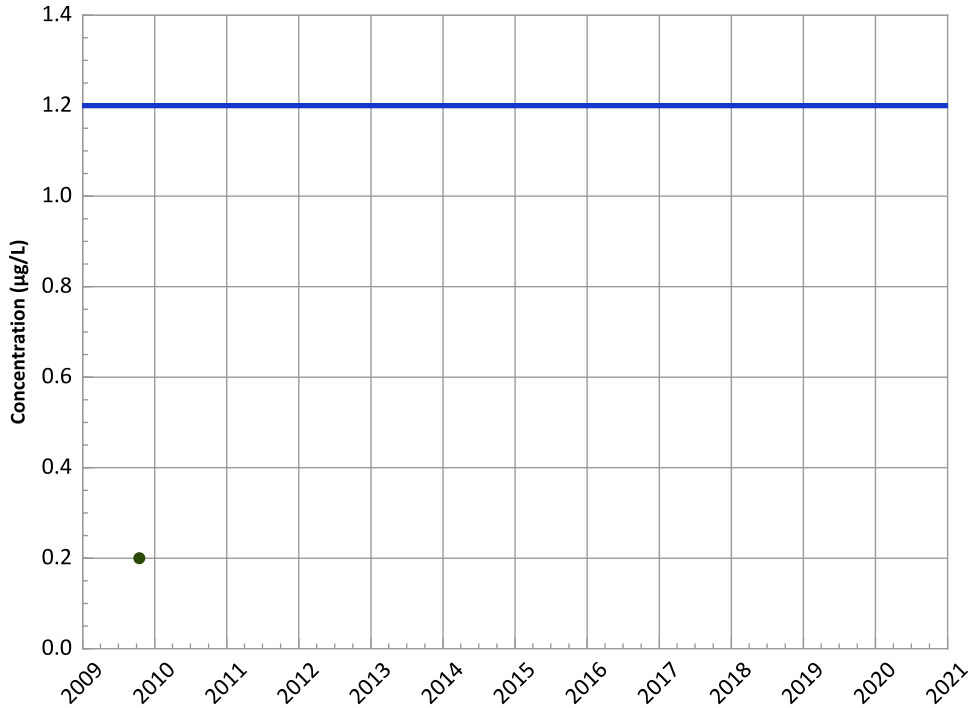


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

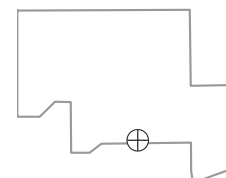


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

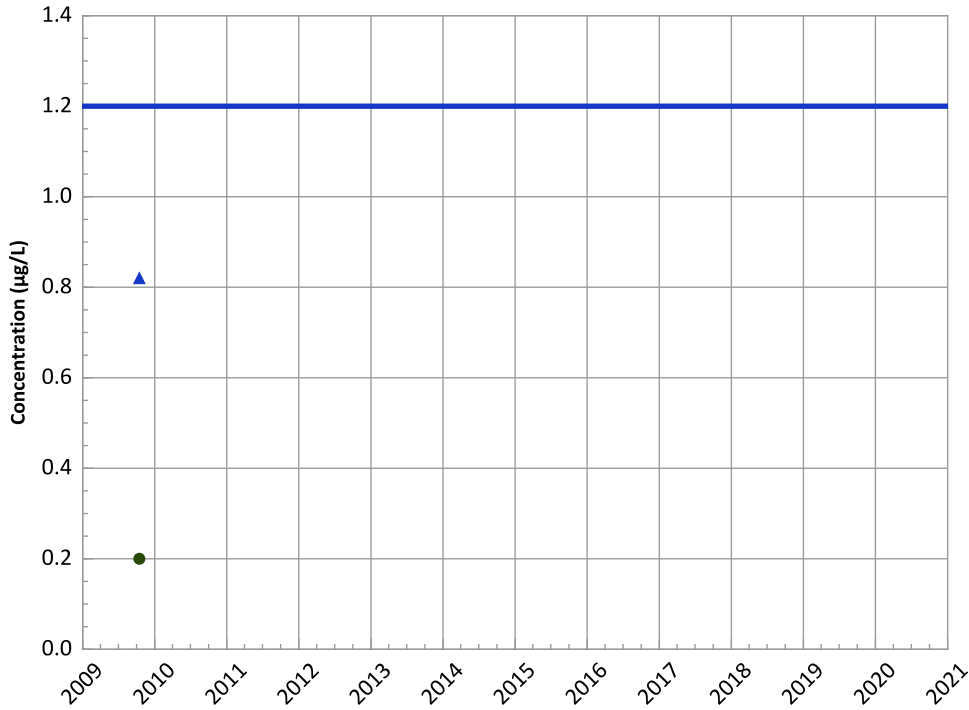


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

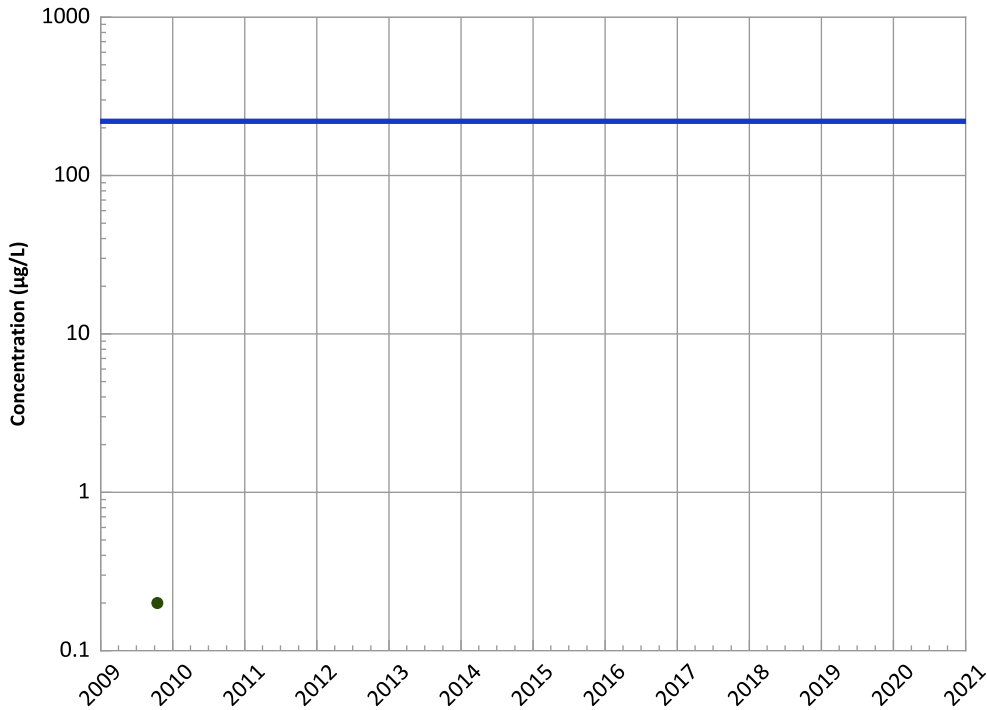


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

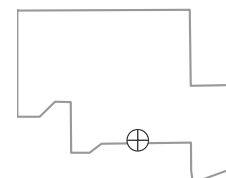


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

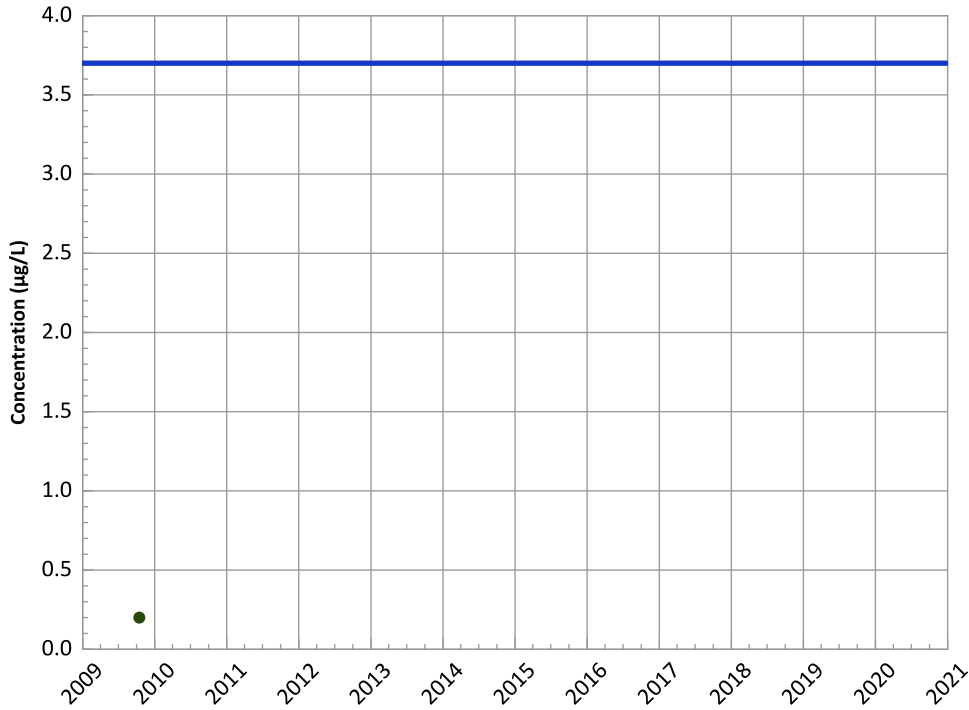


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

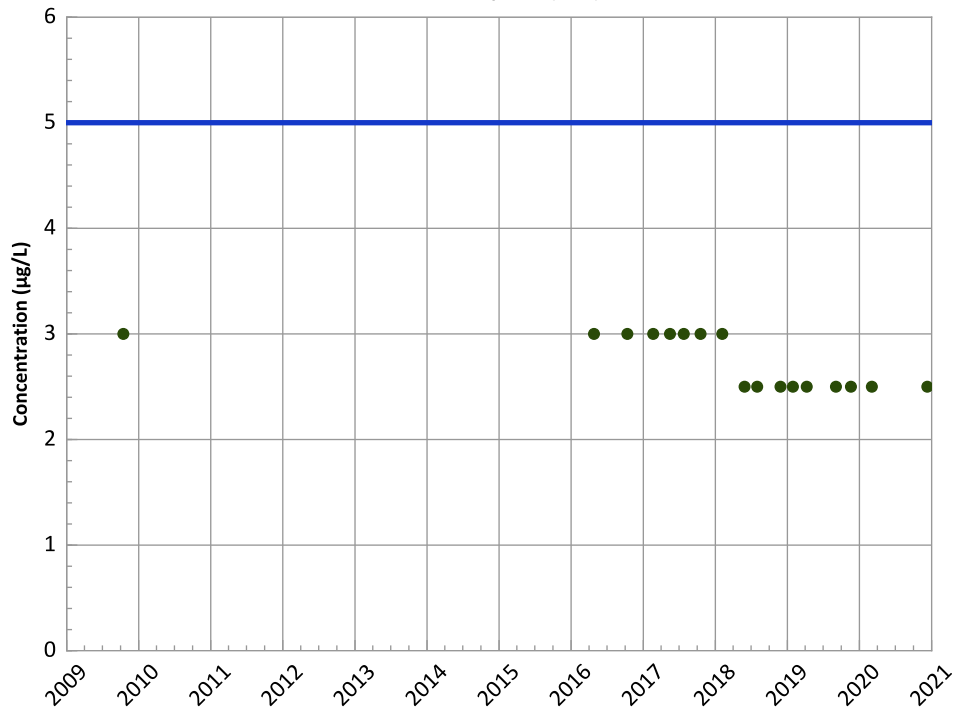


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend

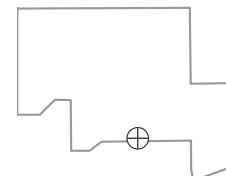


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

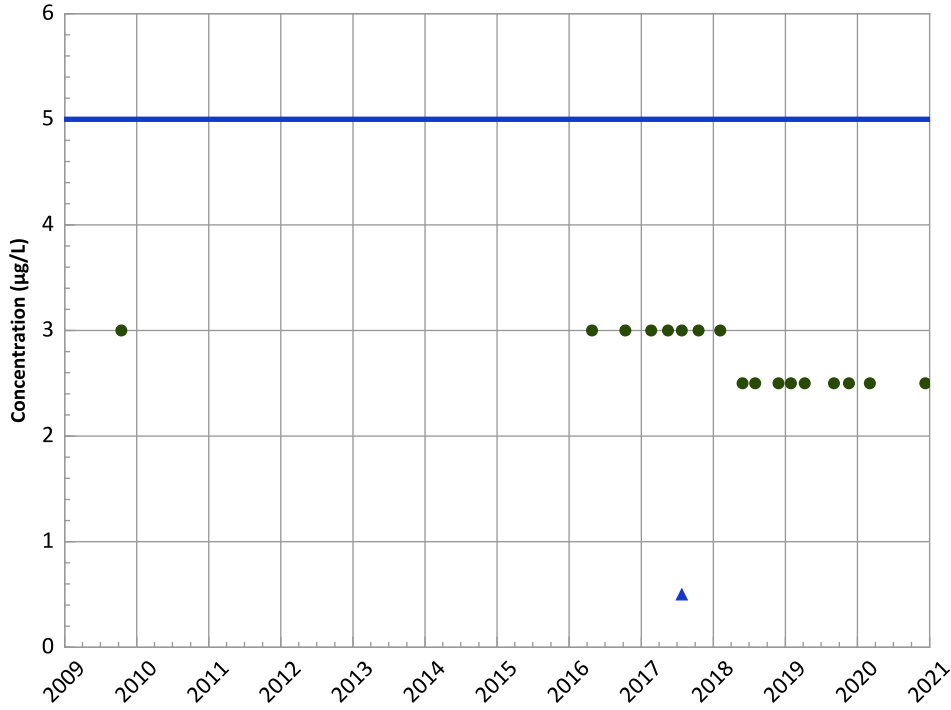


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

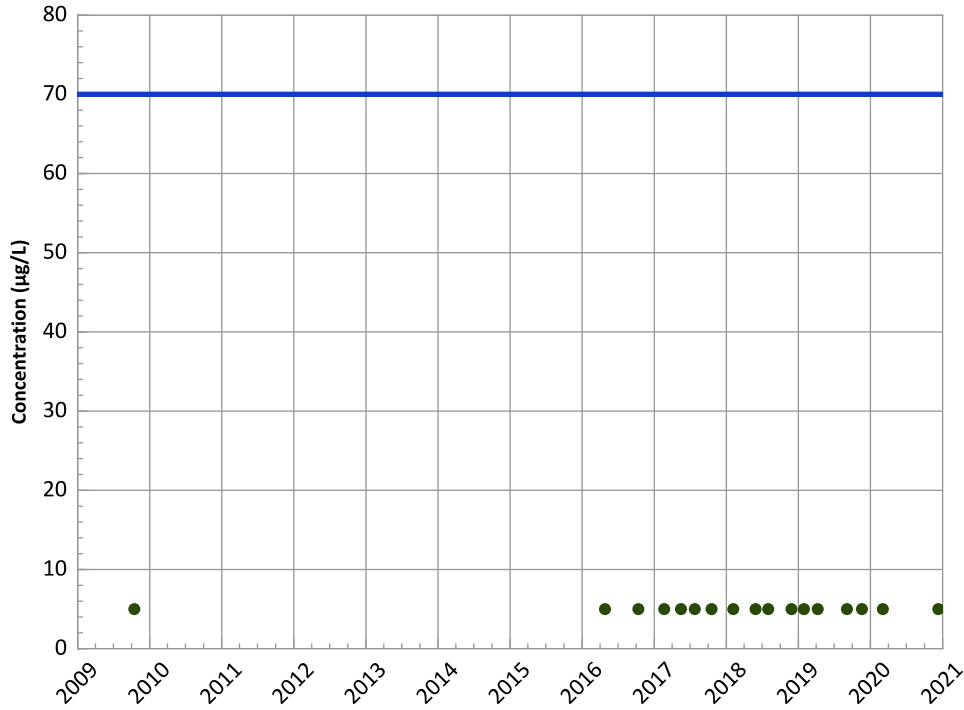


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

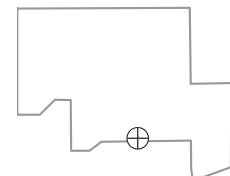


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

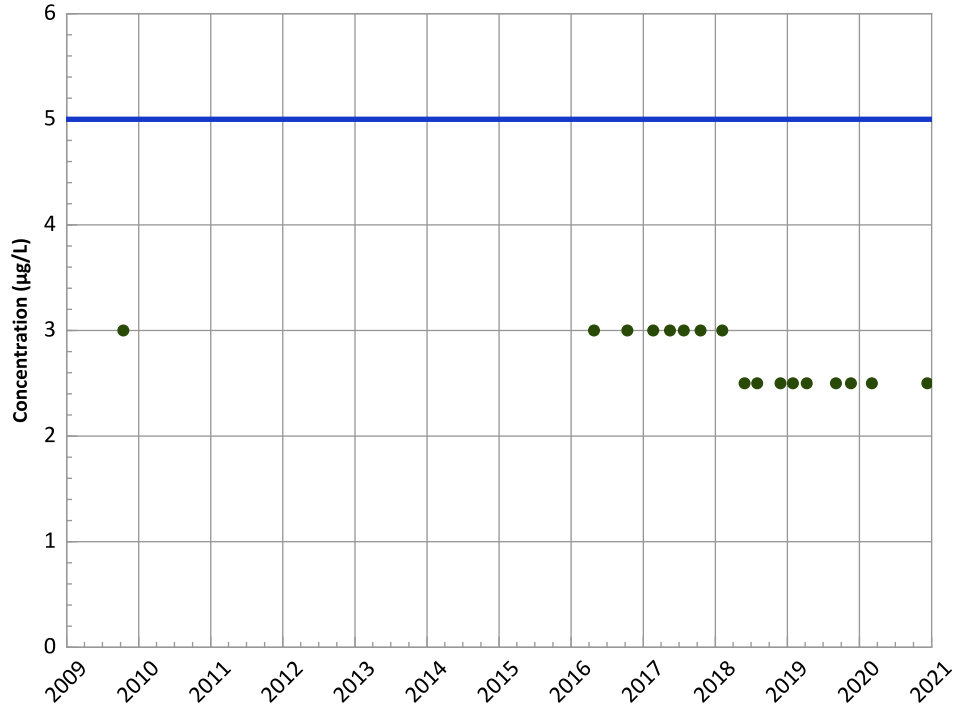


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

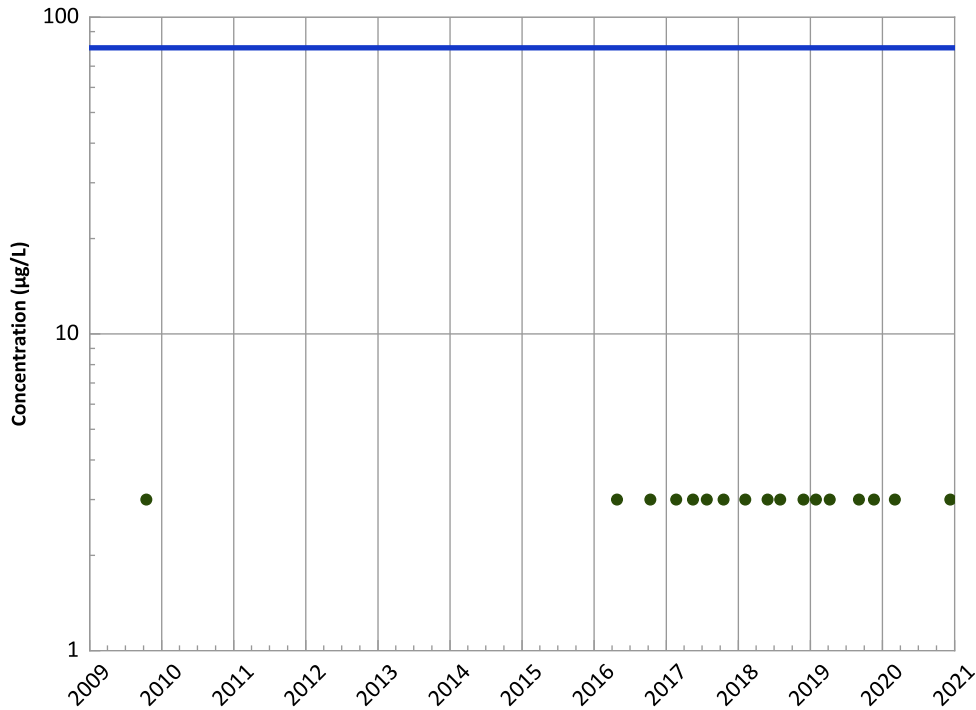


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Chloroform Trend

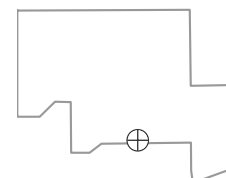


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

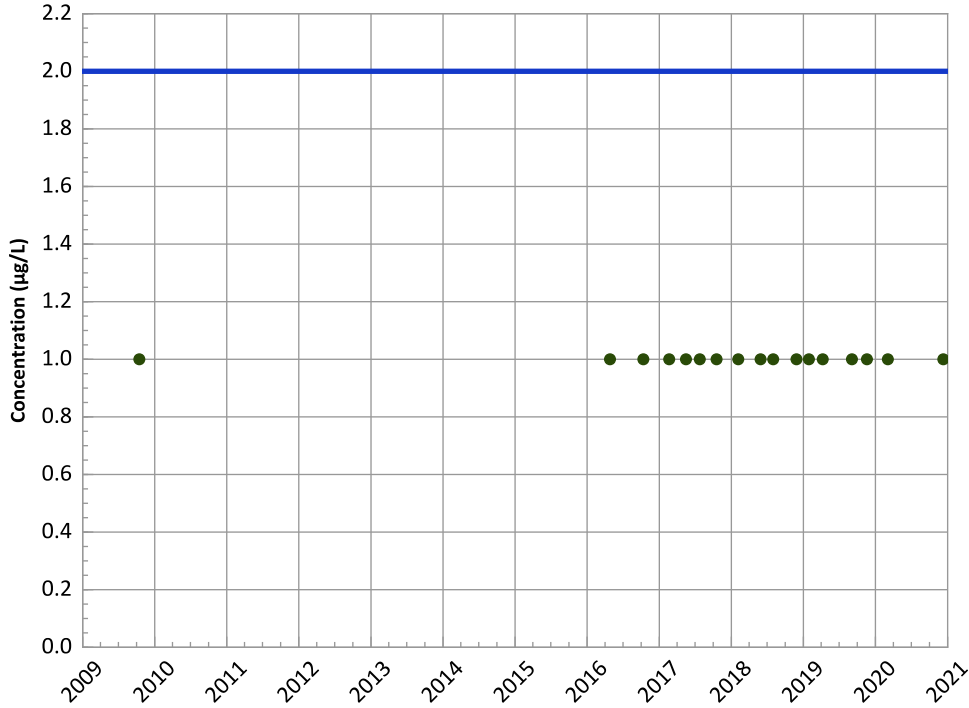
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

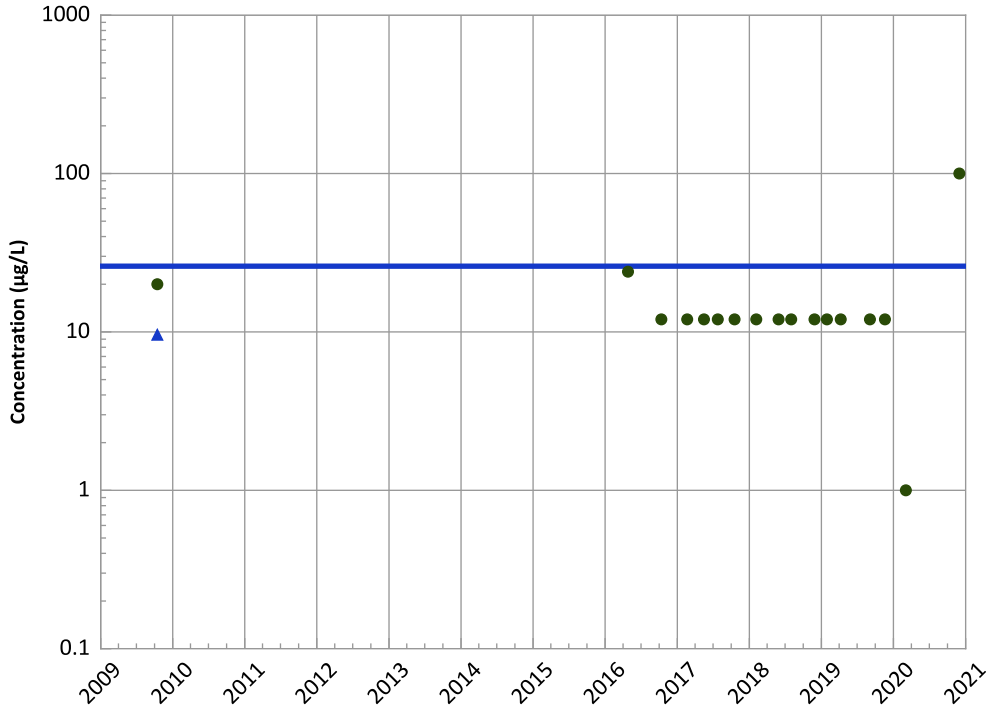


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Perchlorate Trend

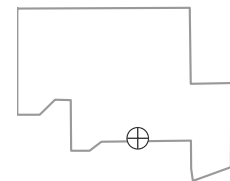


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

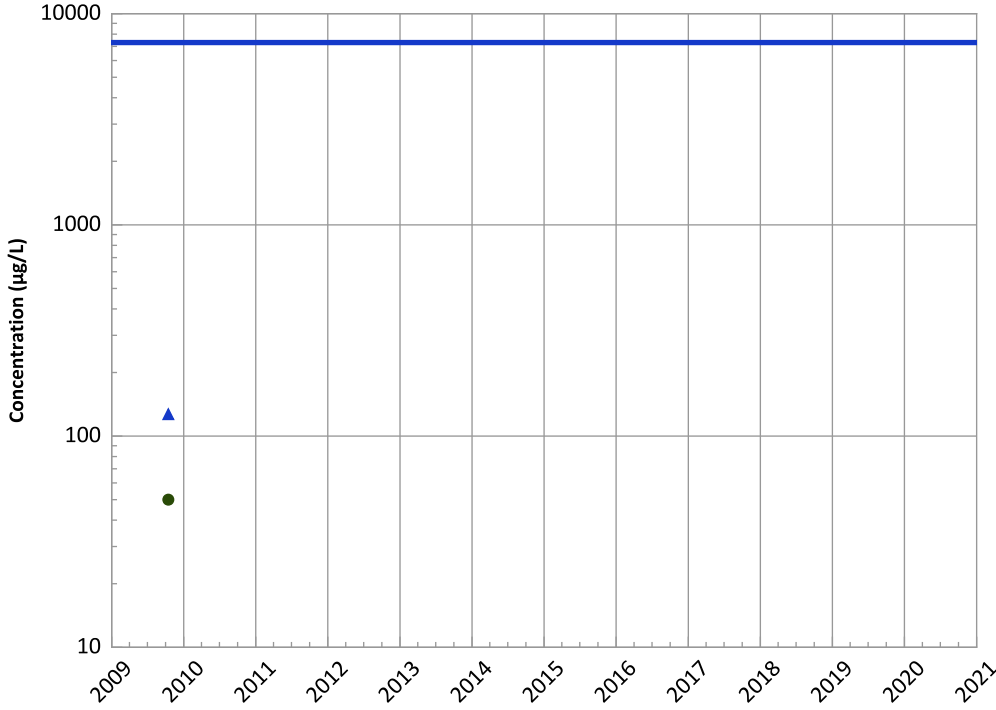


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

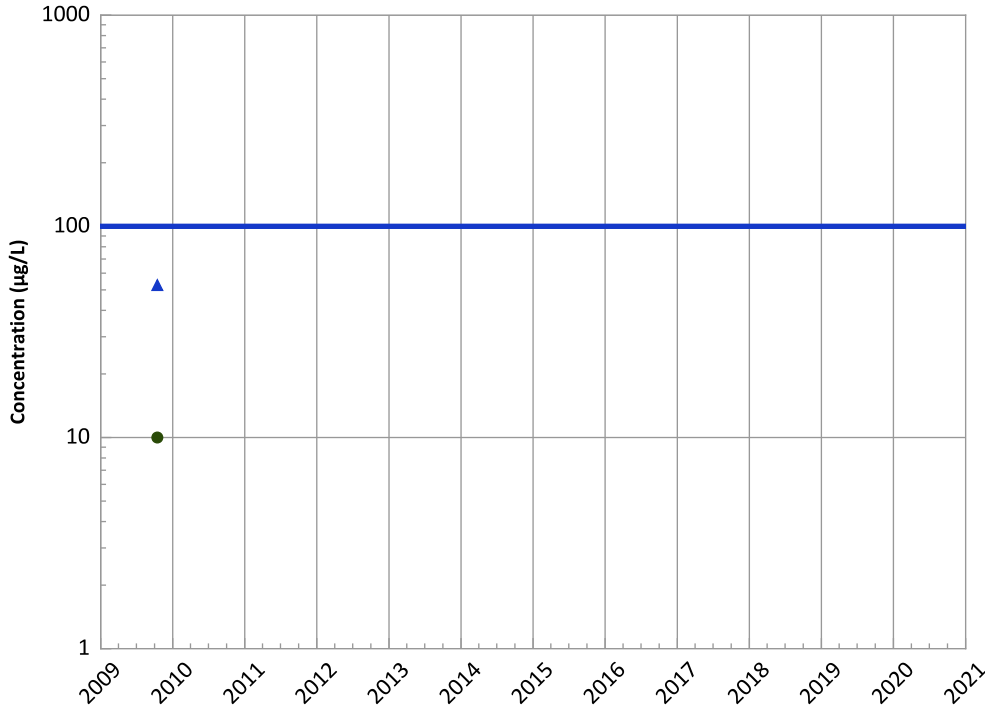
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

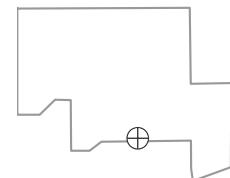
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

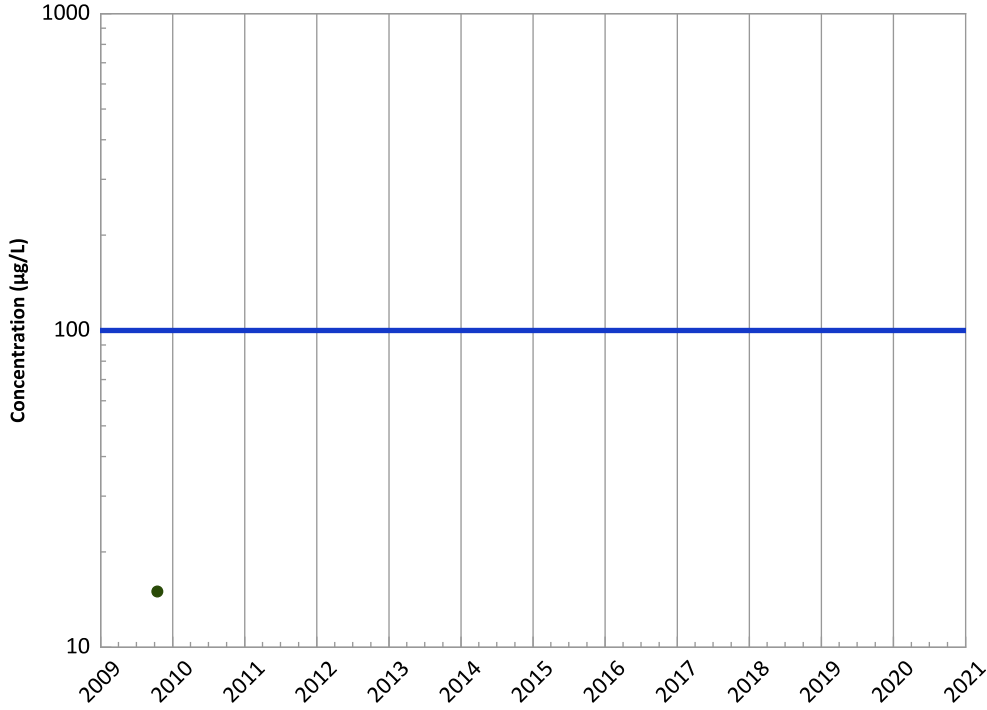


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

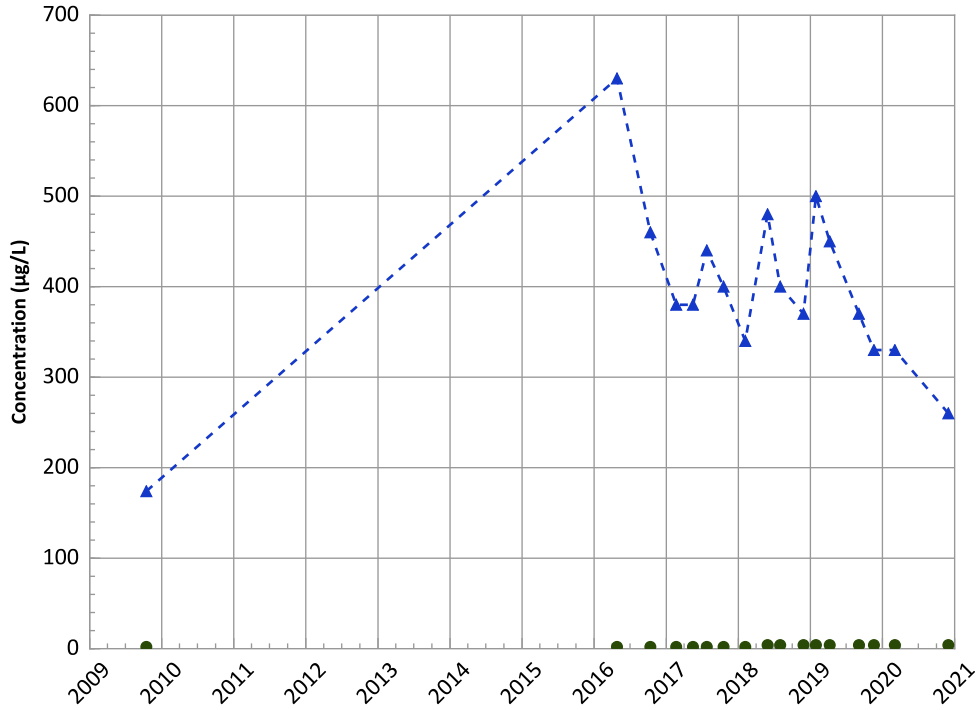


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Manganese Trend



Concentration Trend

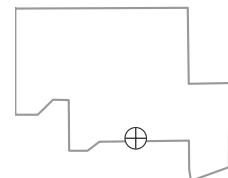
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing' 'Probably Increasing
2018 - 2020 Data:
Stable' 'Stable

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

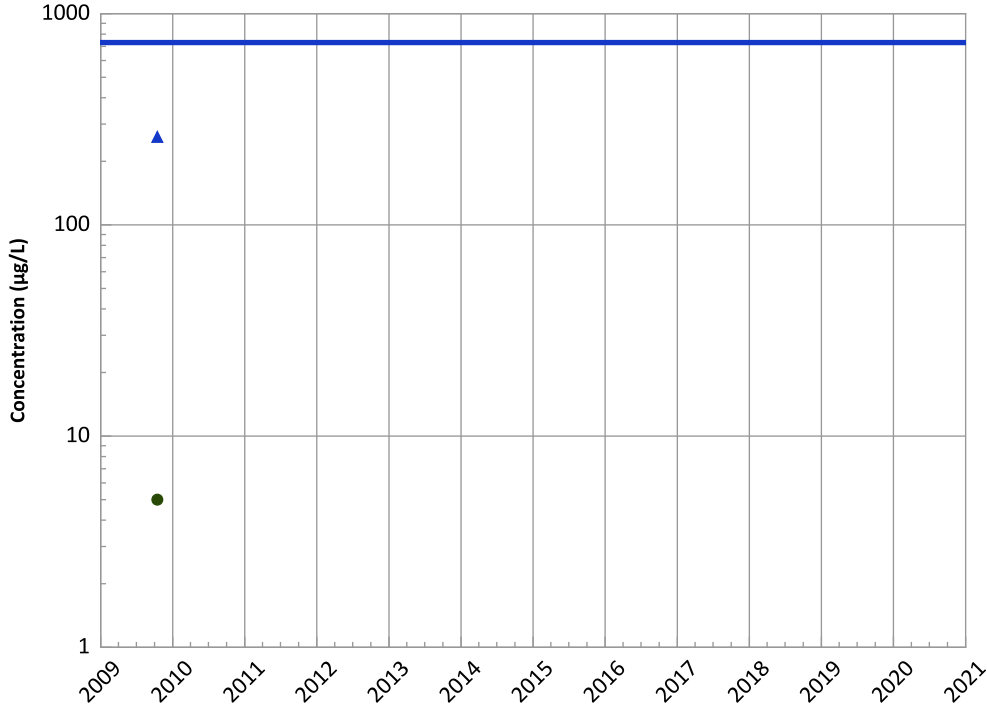
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

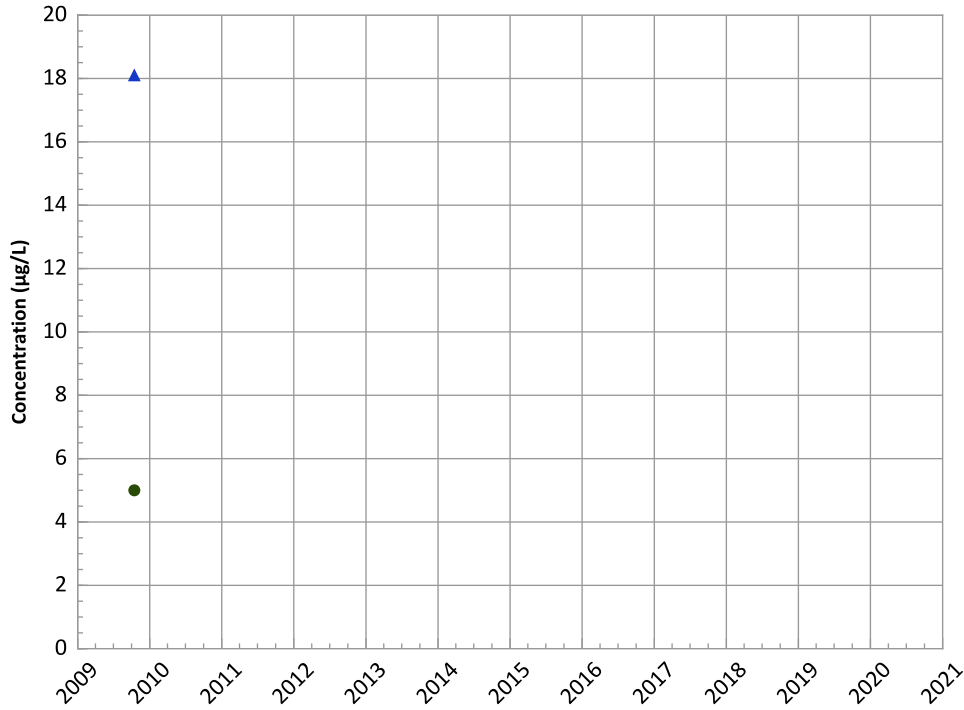
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

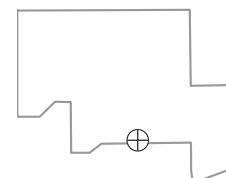
MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

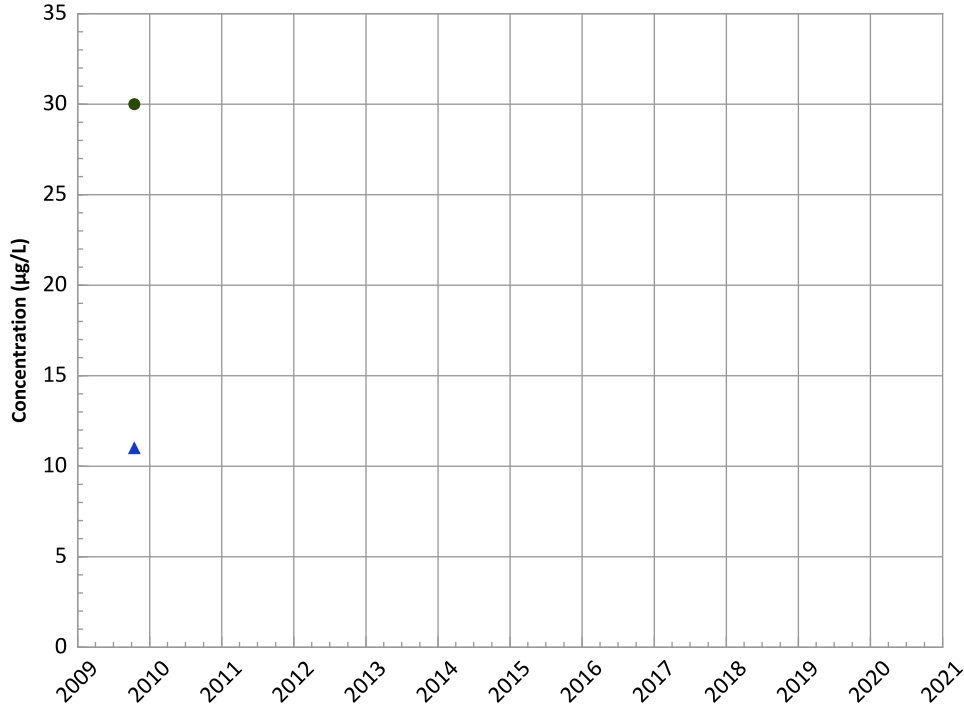
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

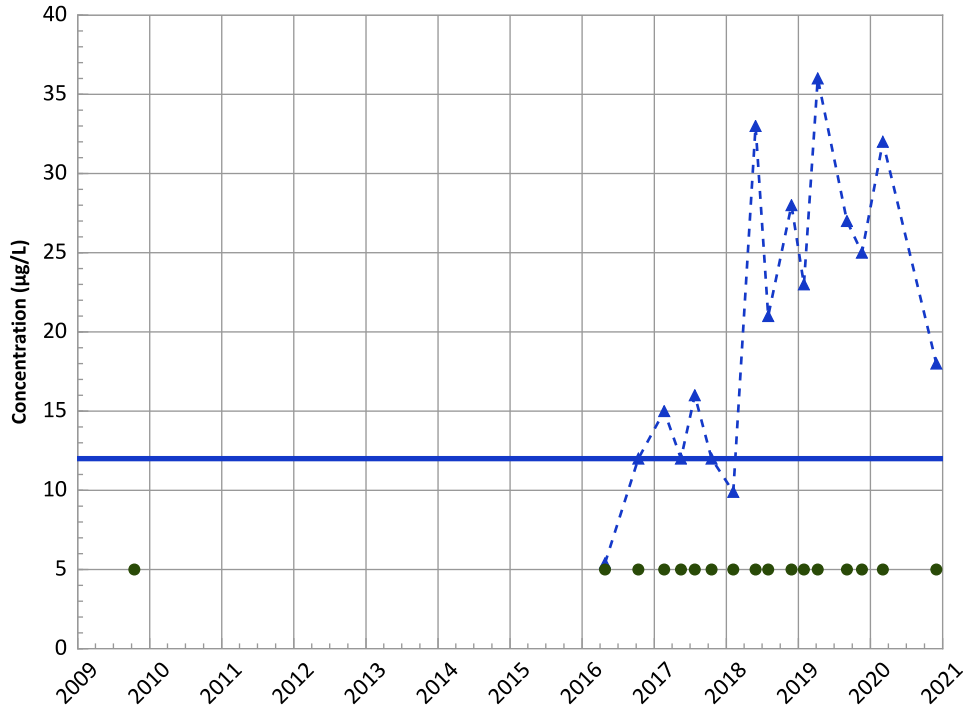


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend

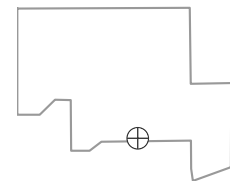


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

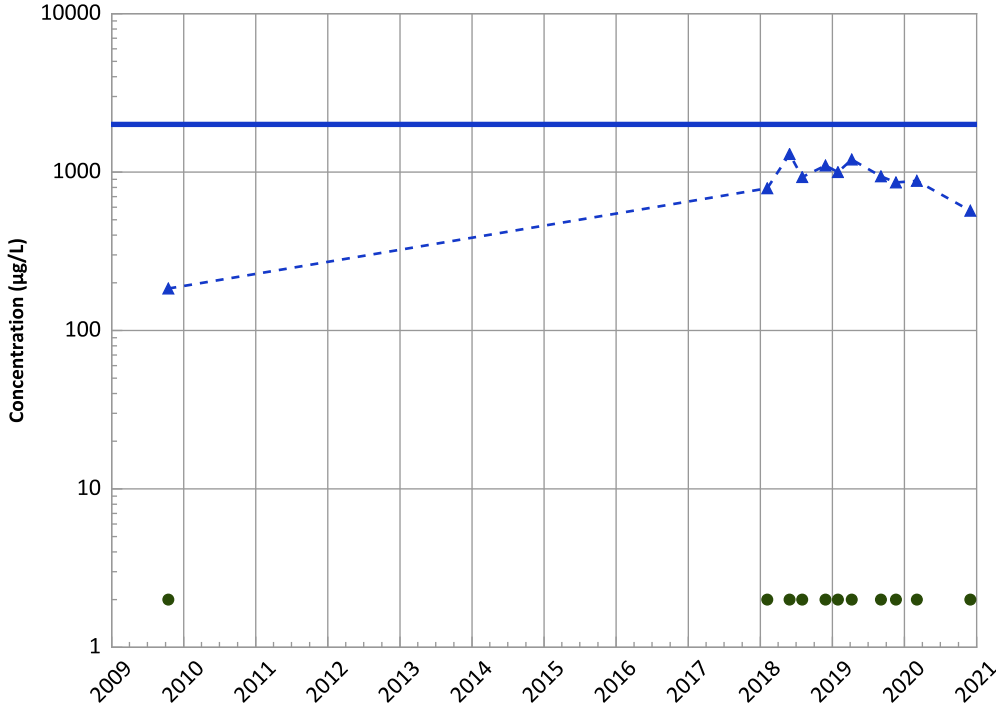


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

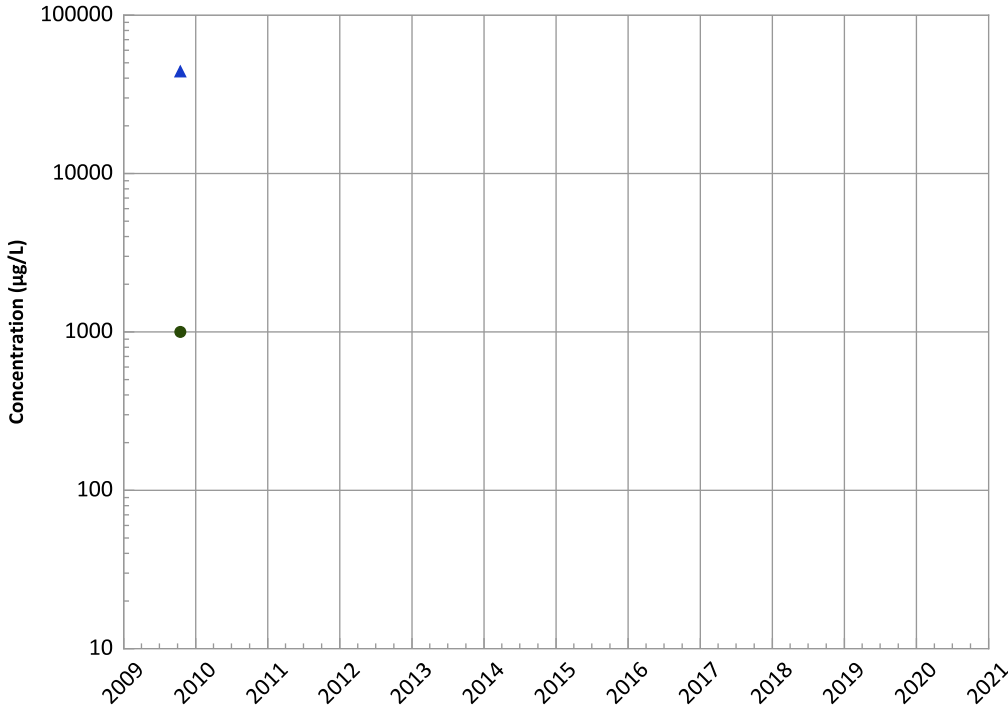


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Calcium Trend

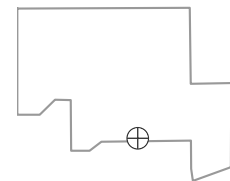


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

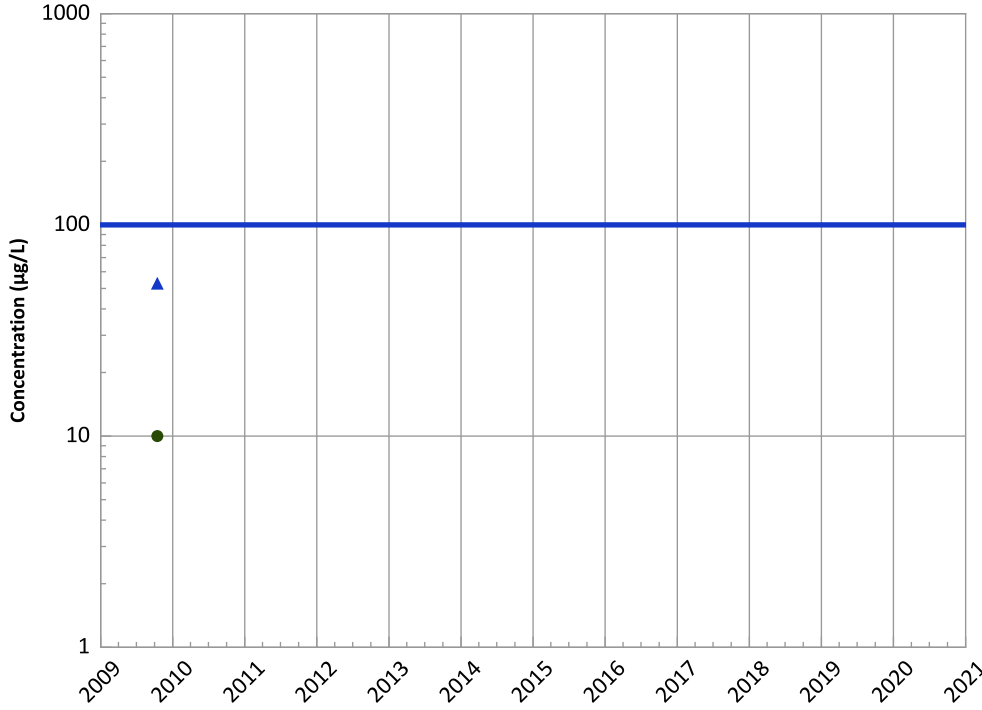


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

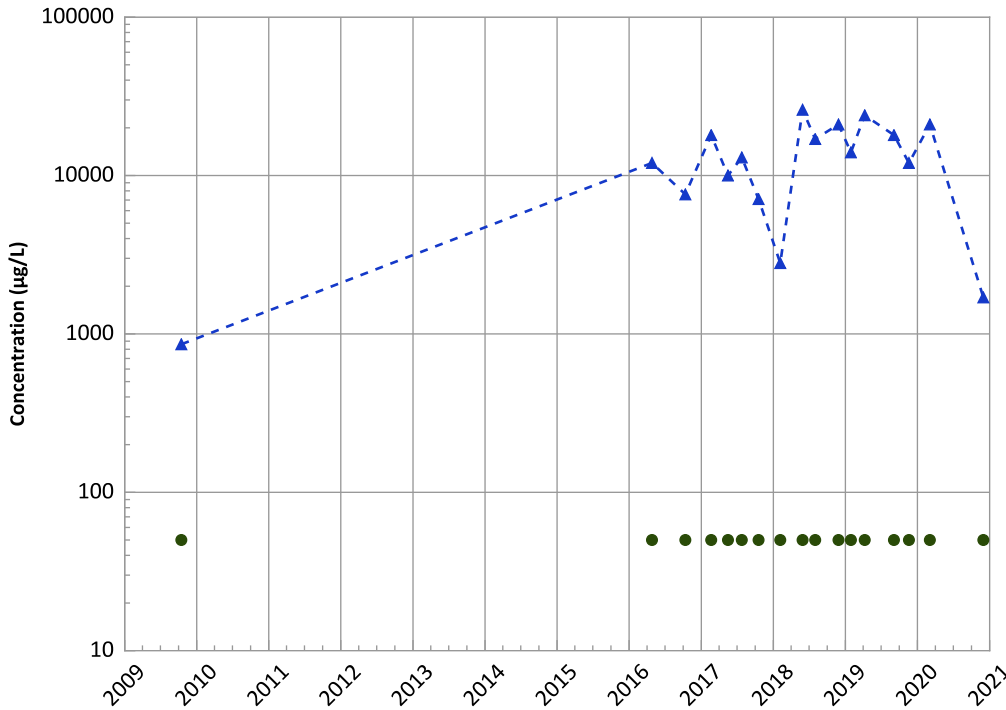
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

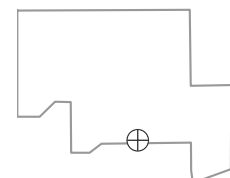
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

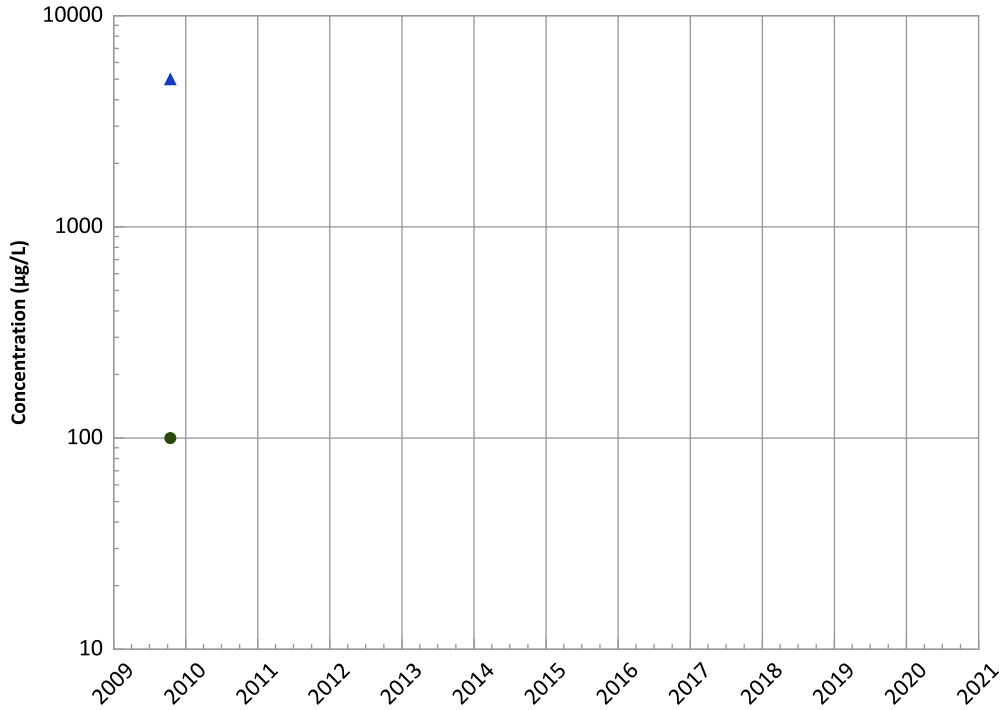


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

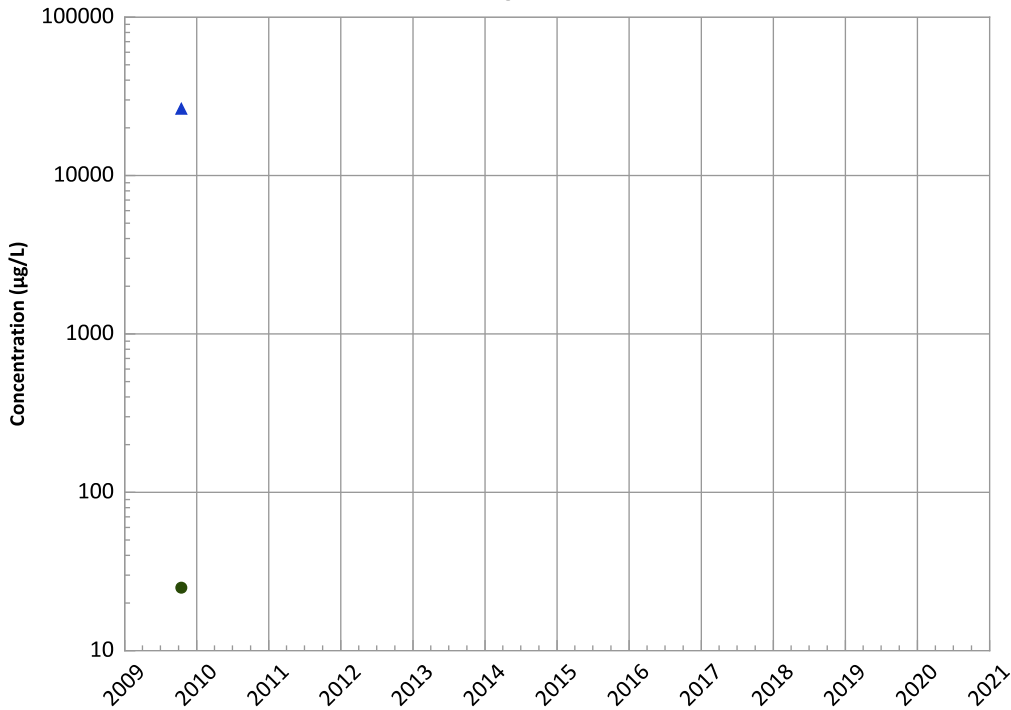
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

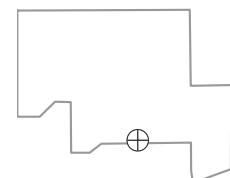
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

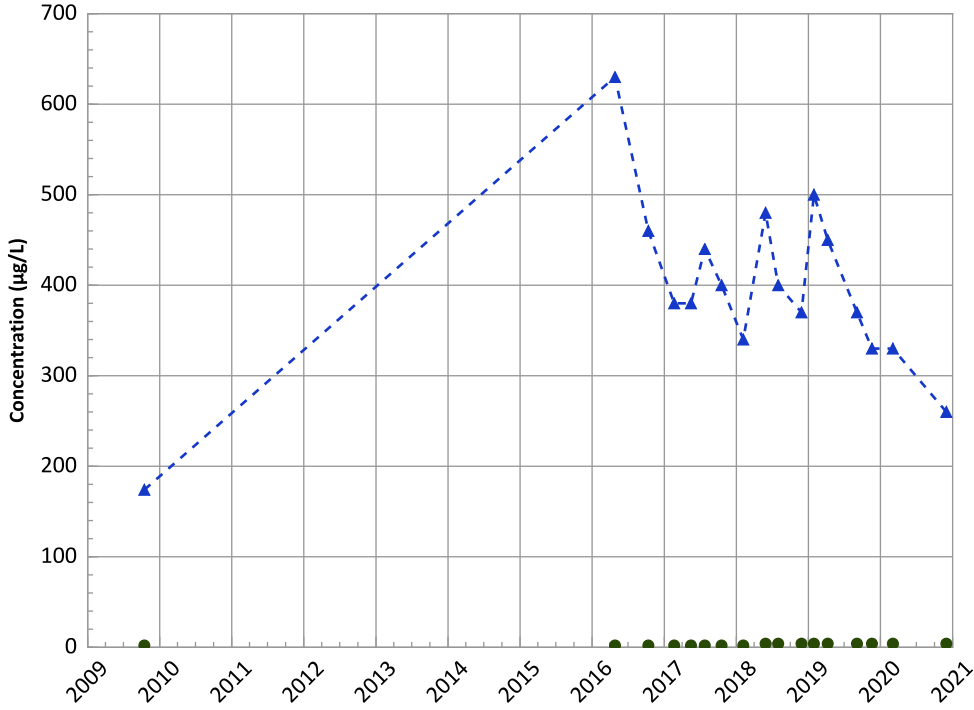


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

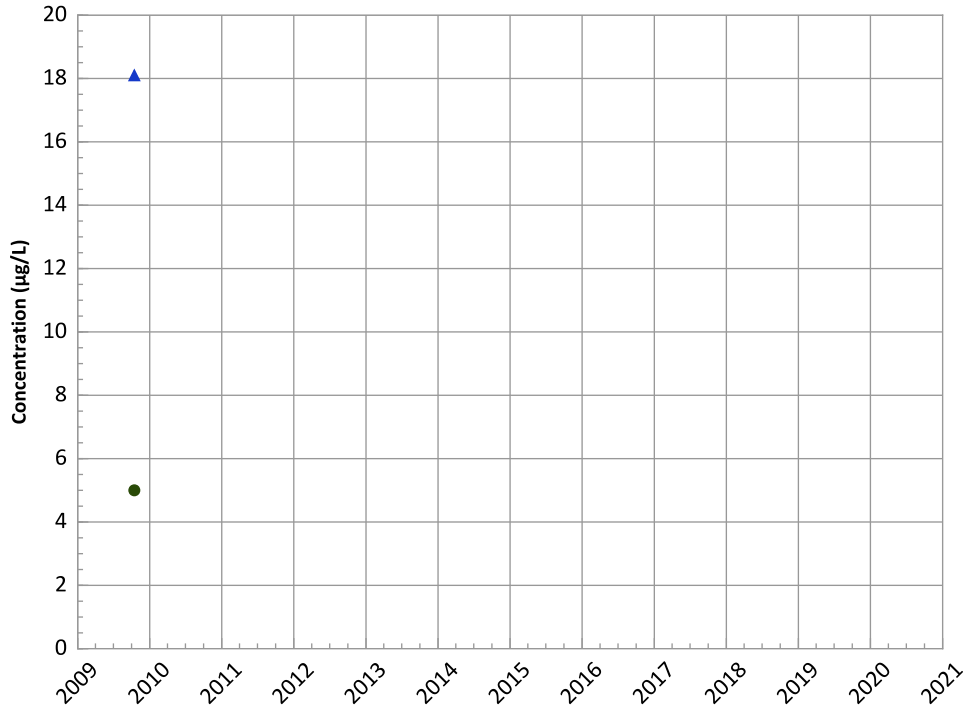
Data (7/2009 - 12/2020):

Probably Increasing' 'Probably Increasing

2018 - 2020 Data:

Stable' 'Stable

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

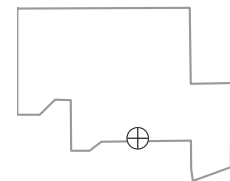
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

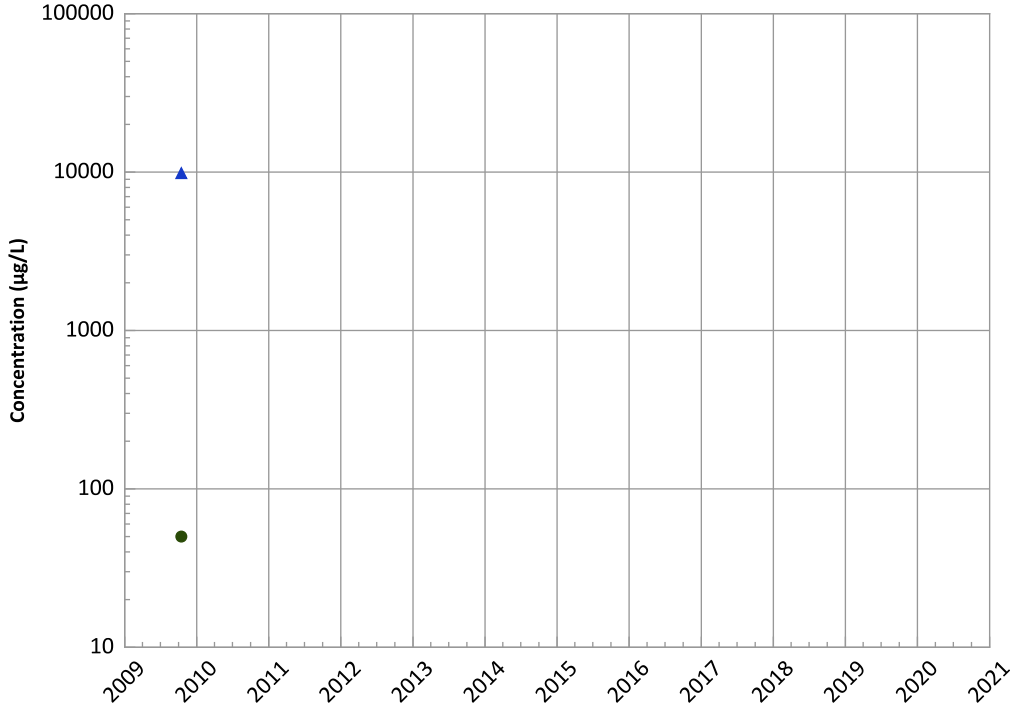


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

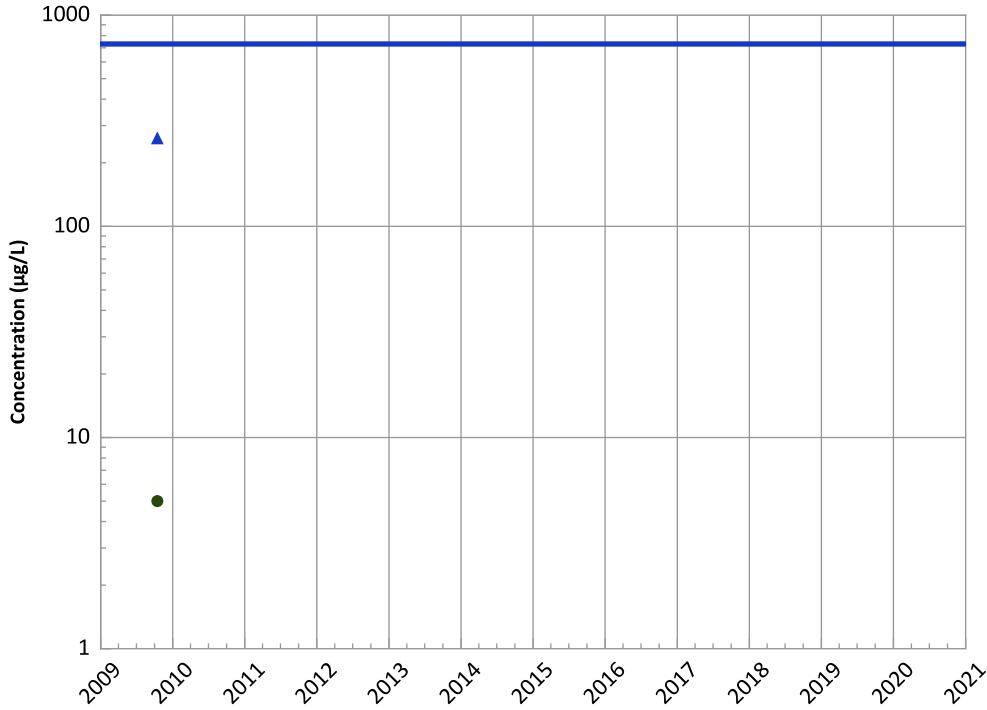
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

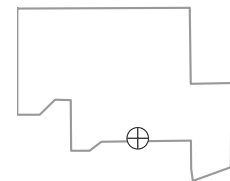
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

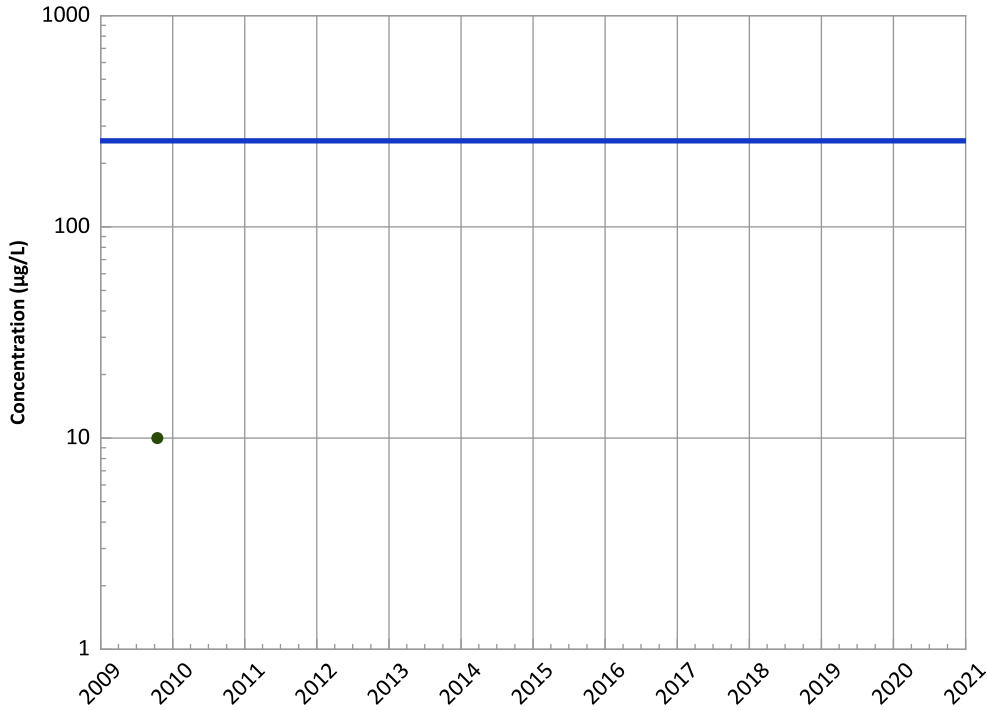


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

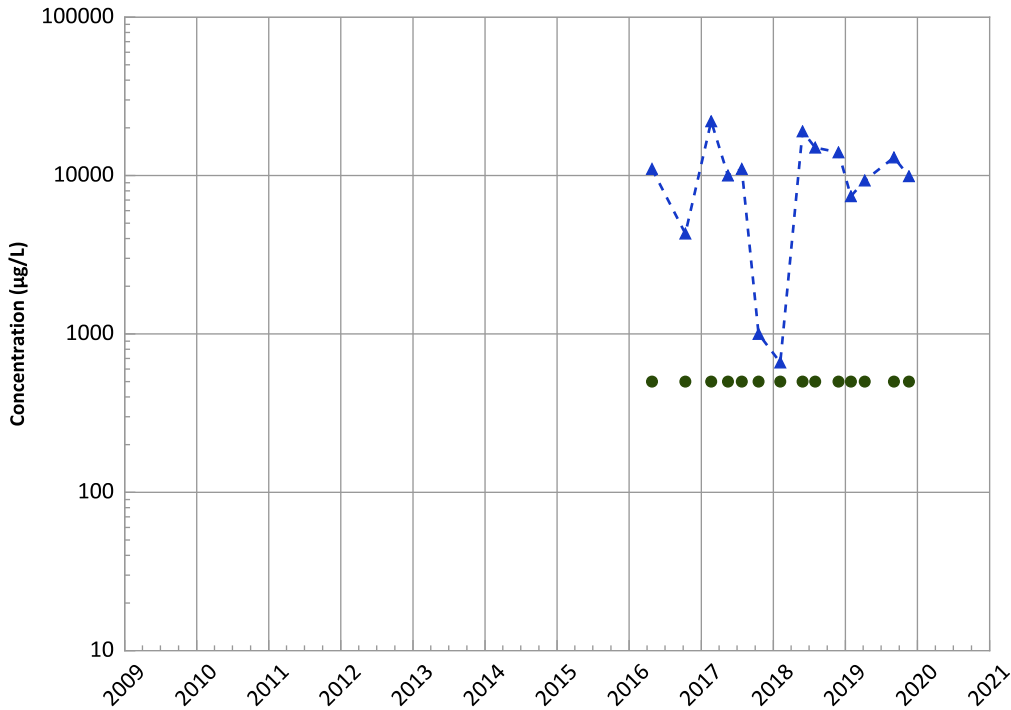


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Ferrous Iron Trend

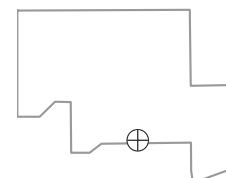


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

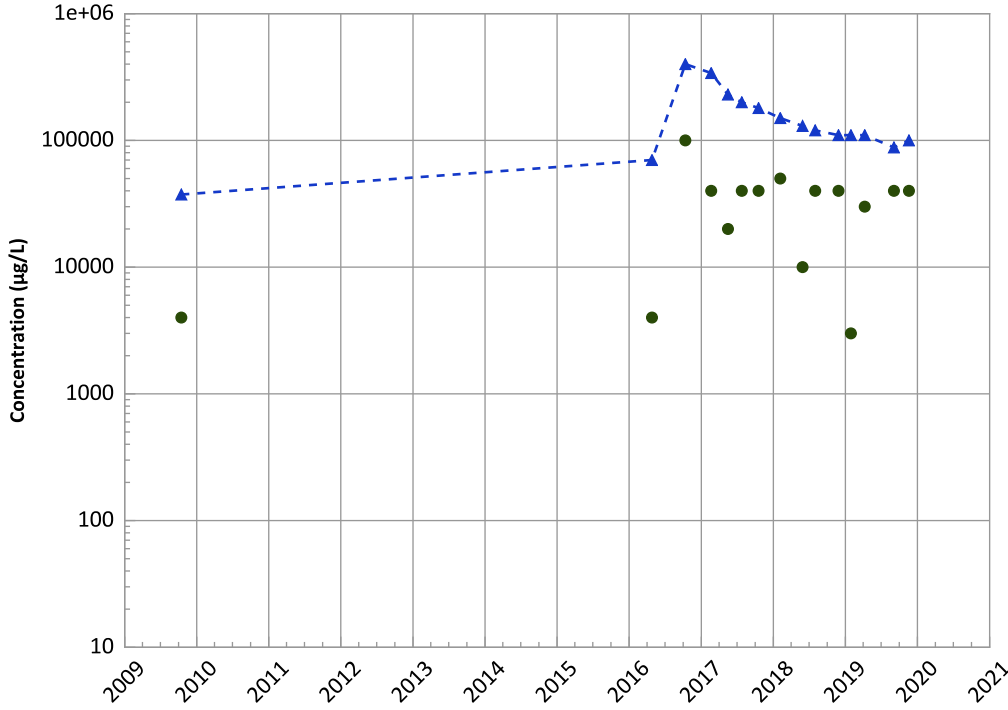


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloride (as Cl) Trend

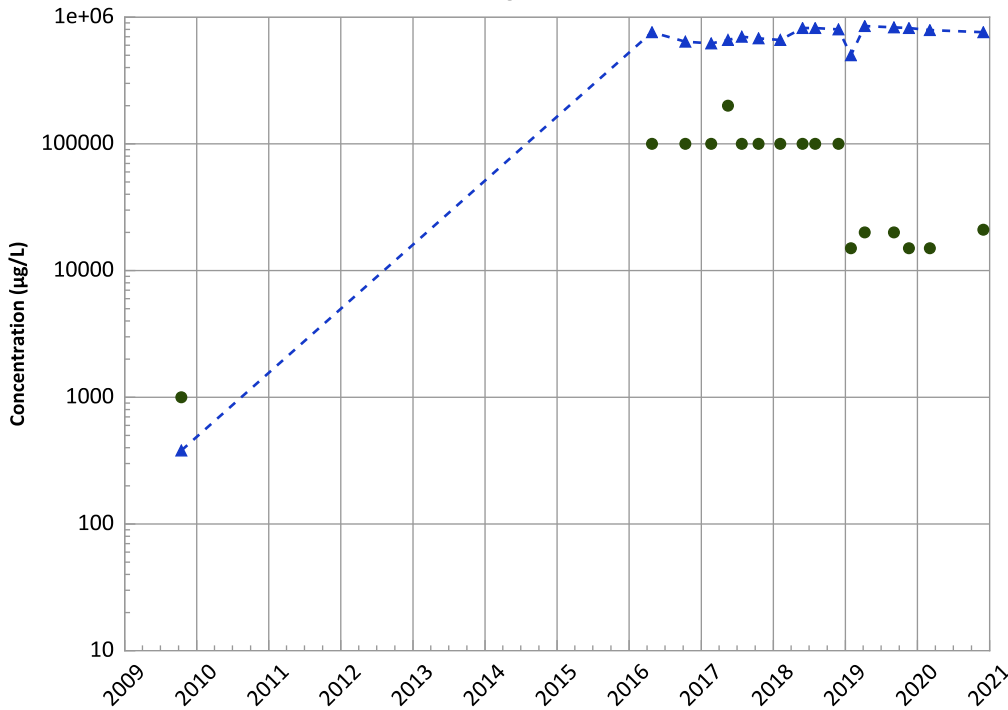


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

Total Organic Carbon Trend

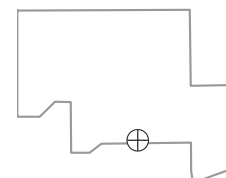


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

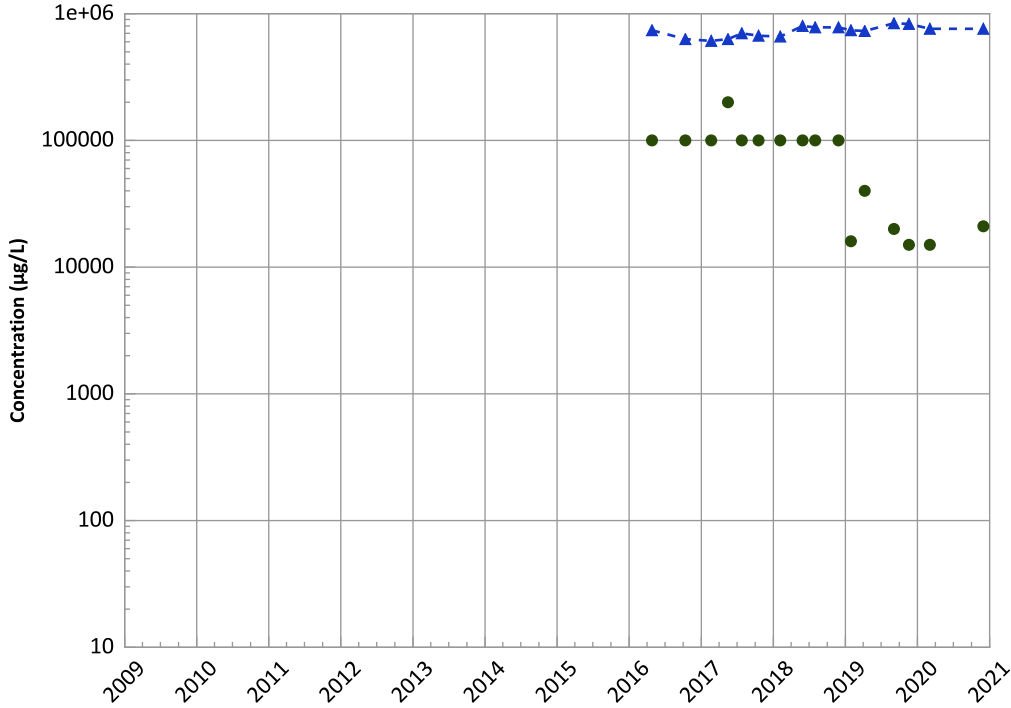


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

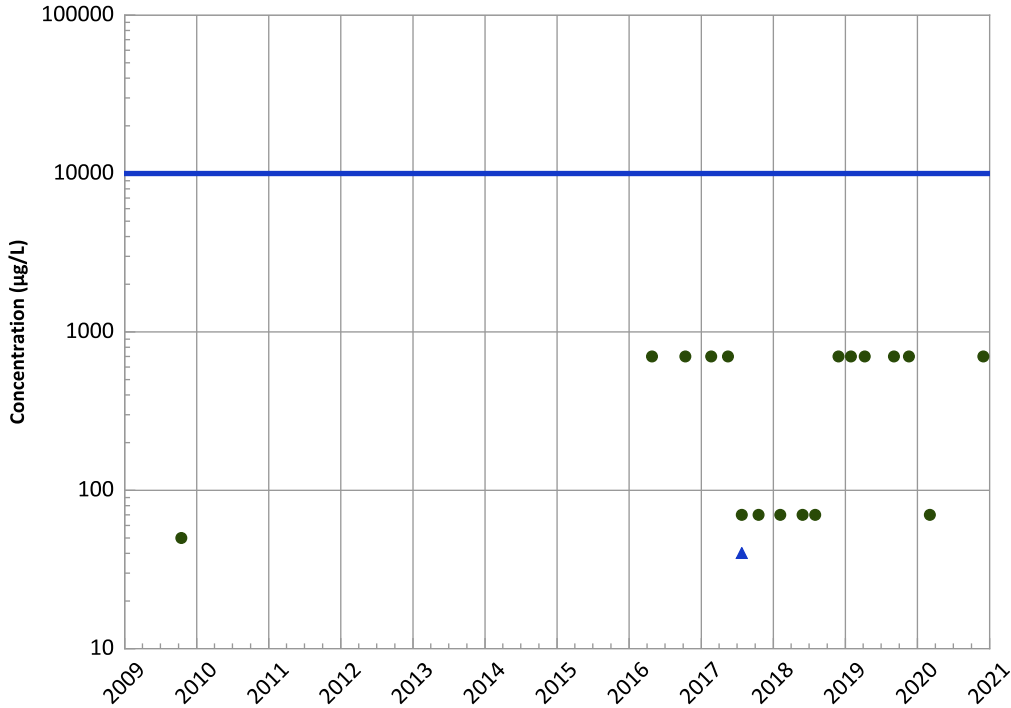


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Decreasing

Nitrate as N Trend

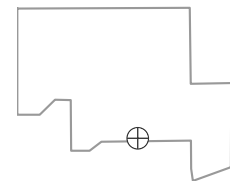


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

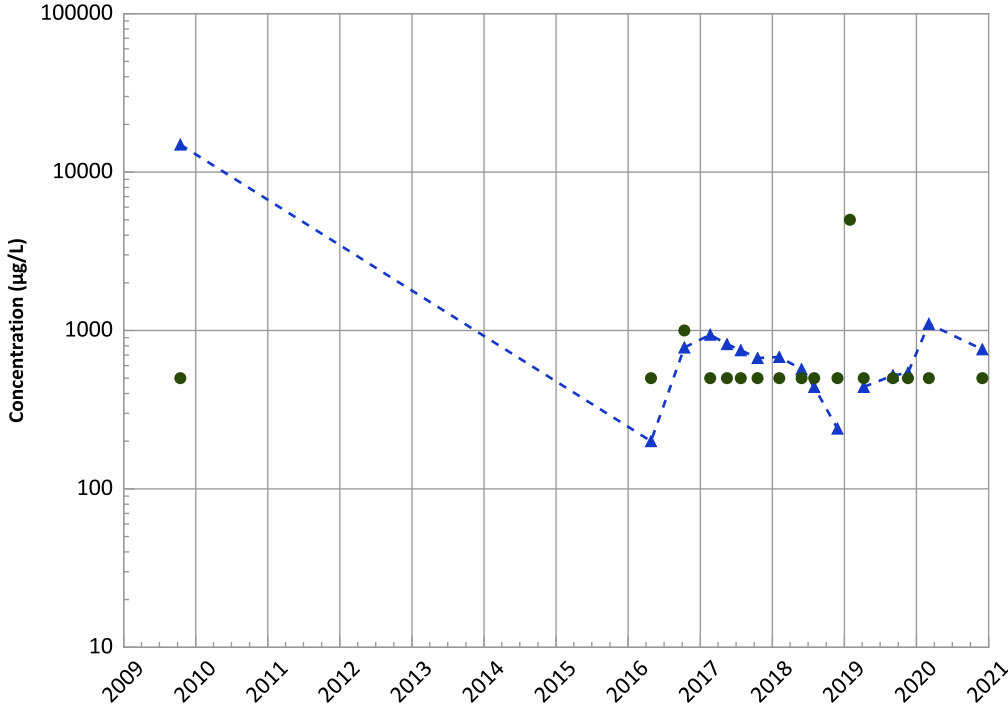


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

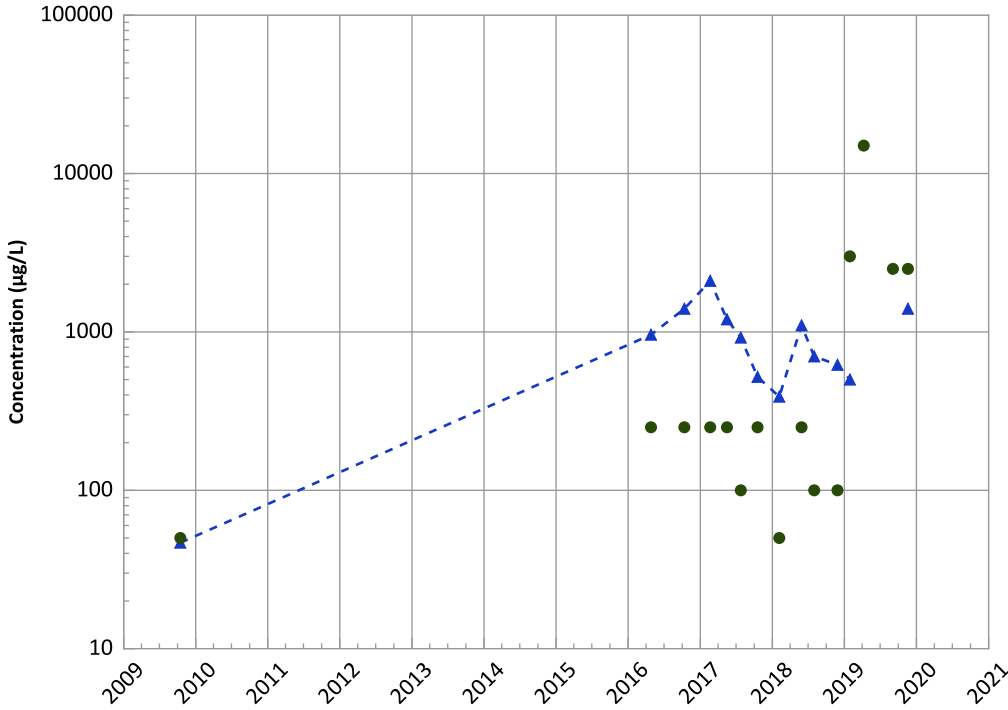
Data (7/2009 - 12/2020):

Decreasing

2018 - 2020 Data:

No Trend

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

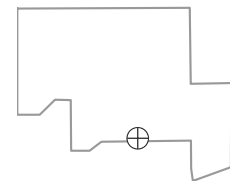
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

No Trend

Well Location

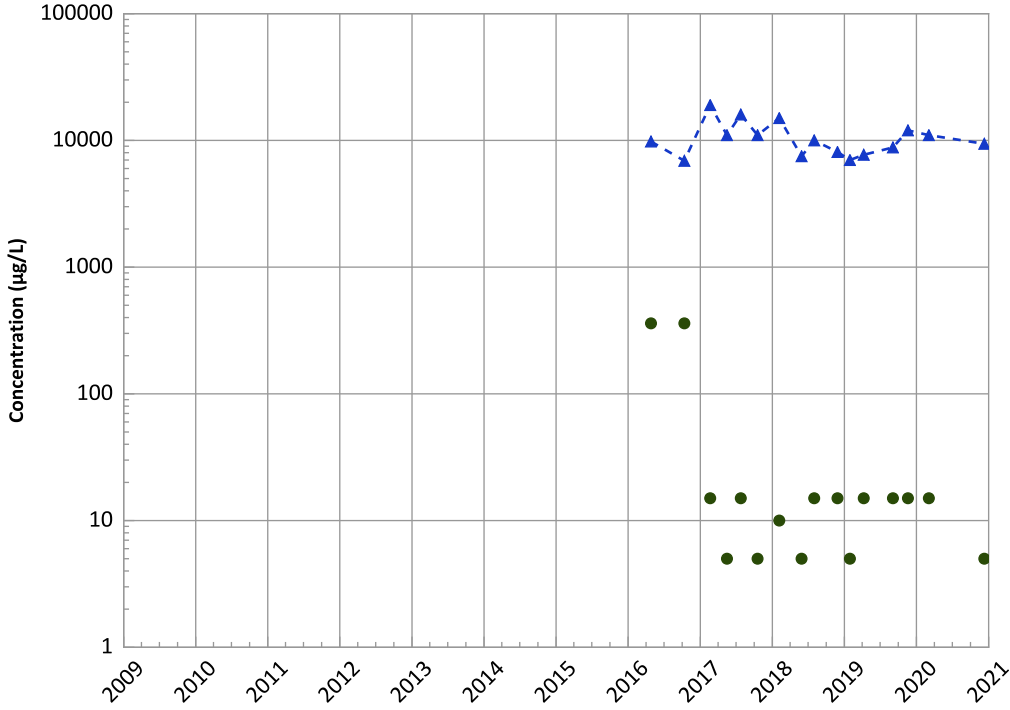


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

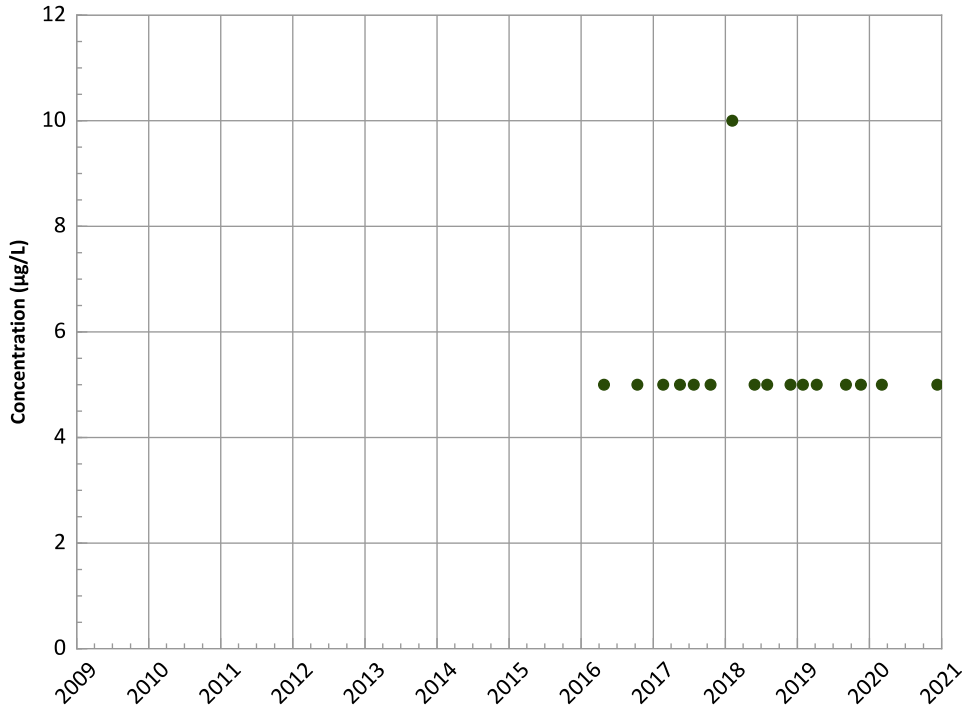


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
No Trend

Ethane Trend

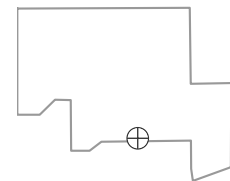


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

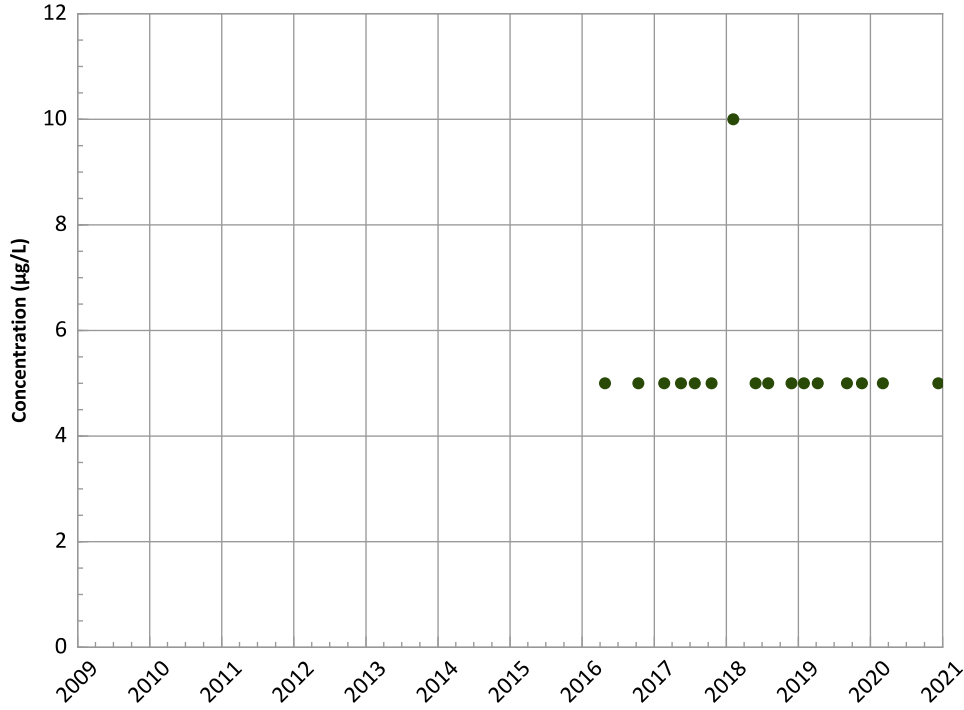


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

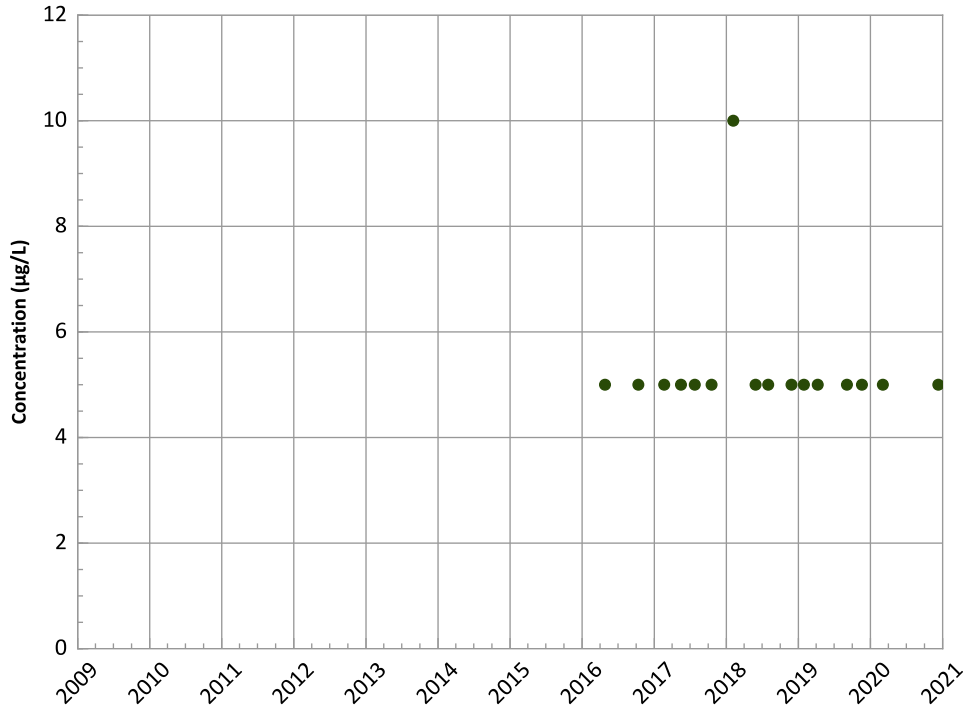


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Trend

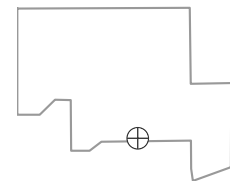


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

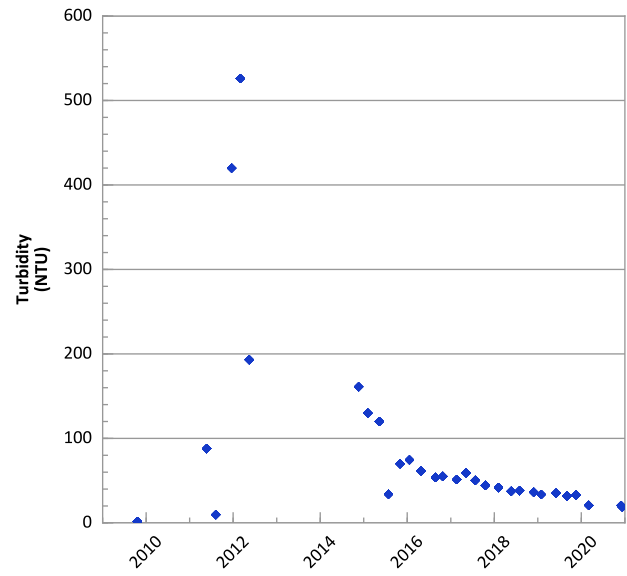
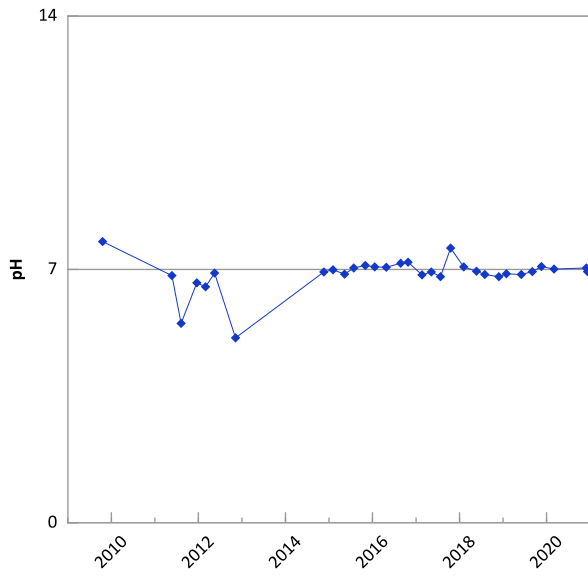
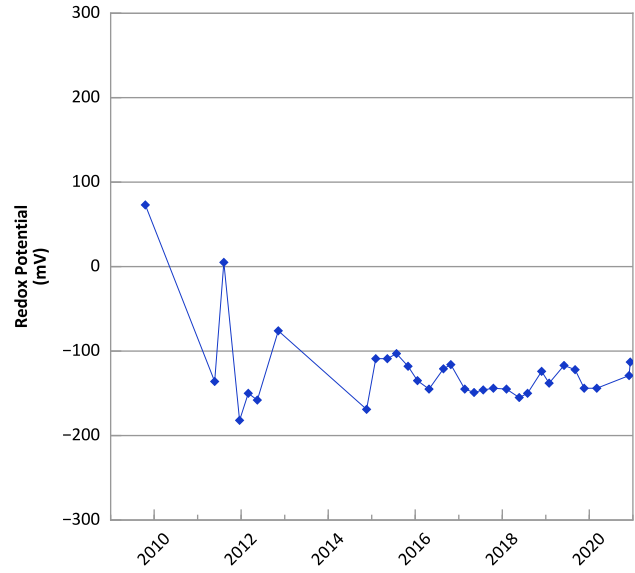
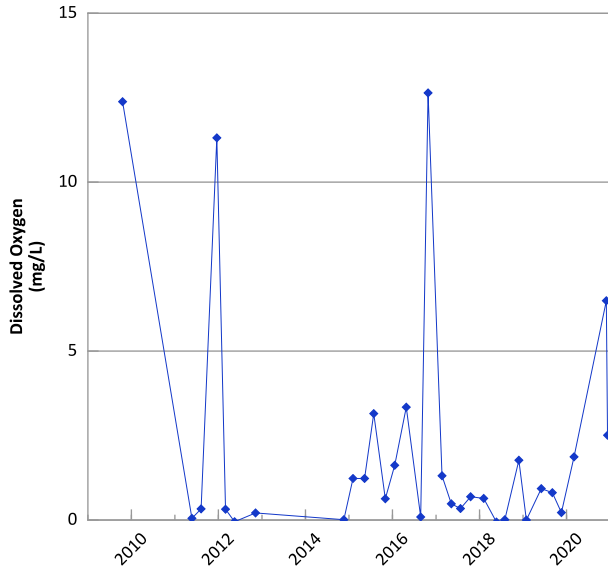
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 06/03/2021

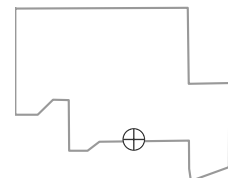
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



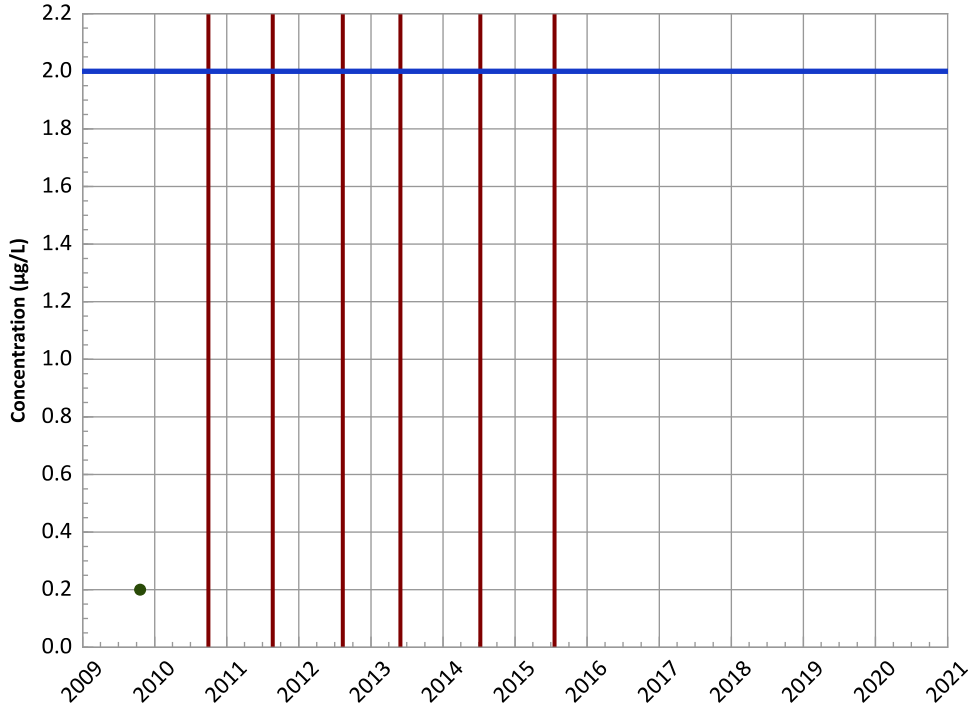
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 10/19/2009 to 12/10/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

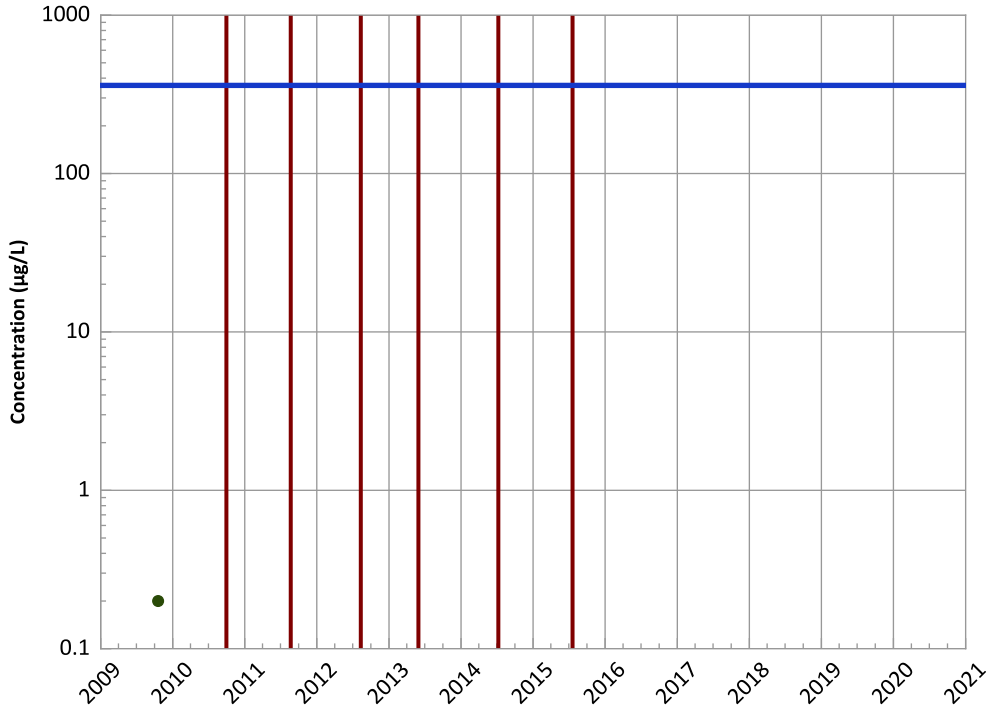


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

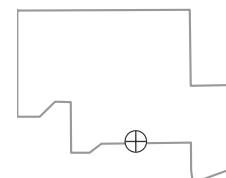


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

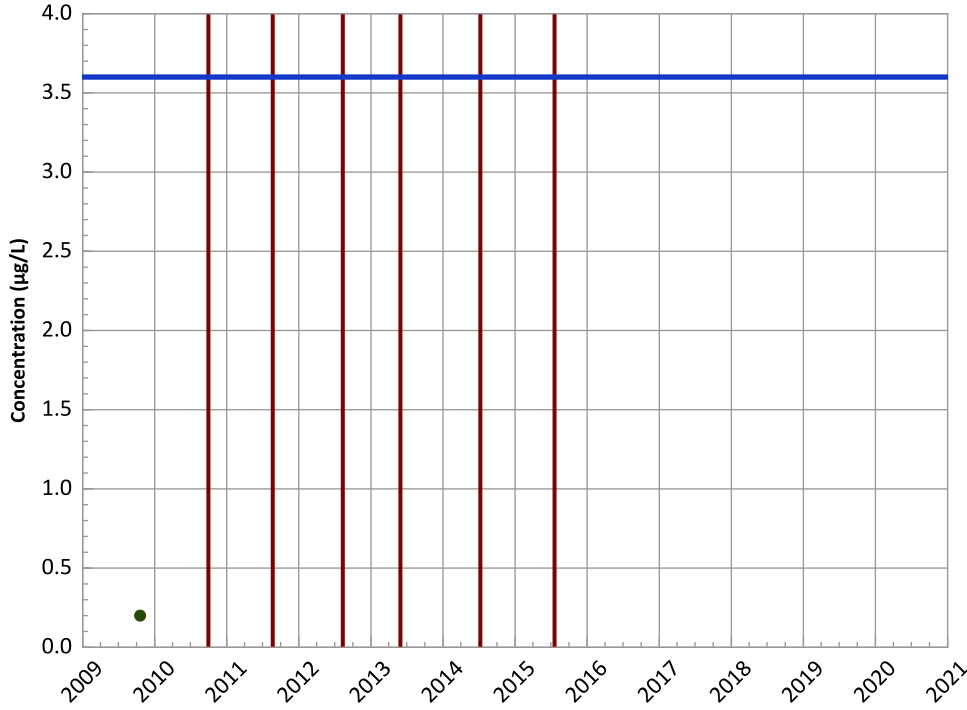


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

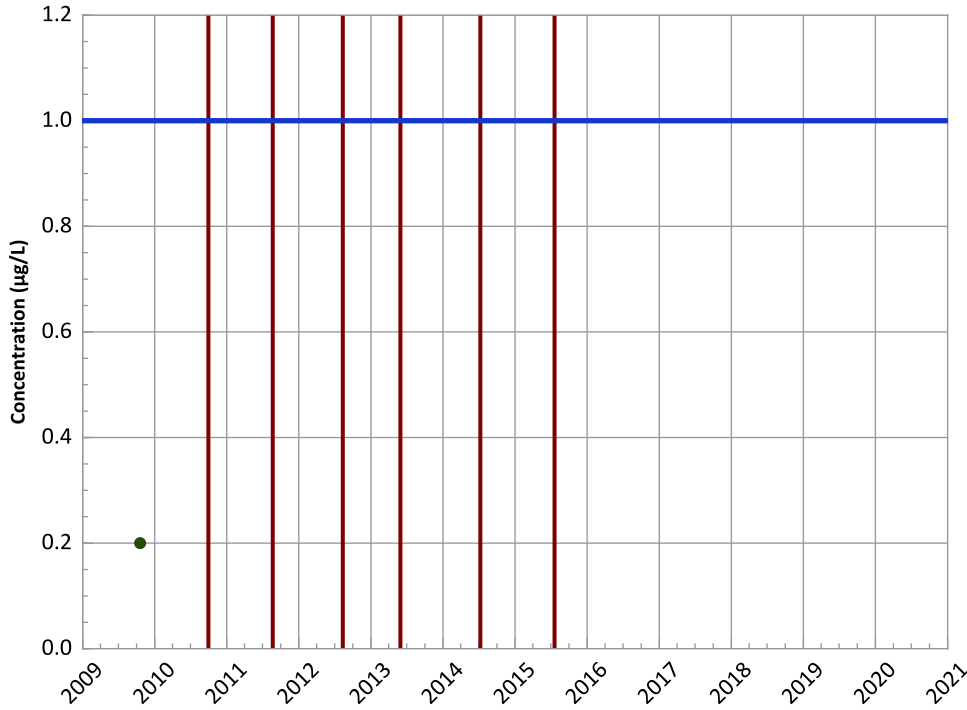
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

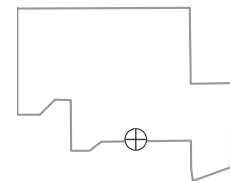
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

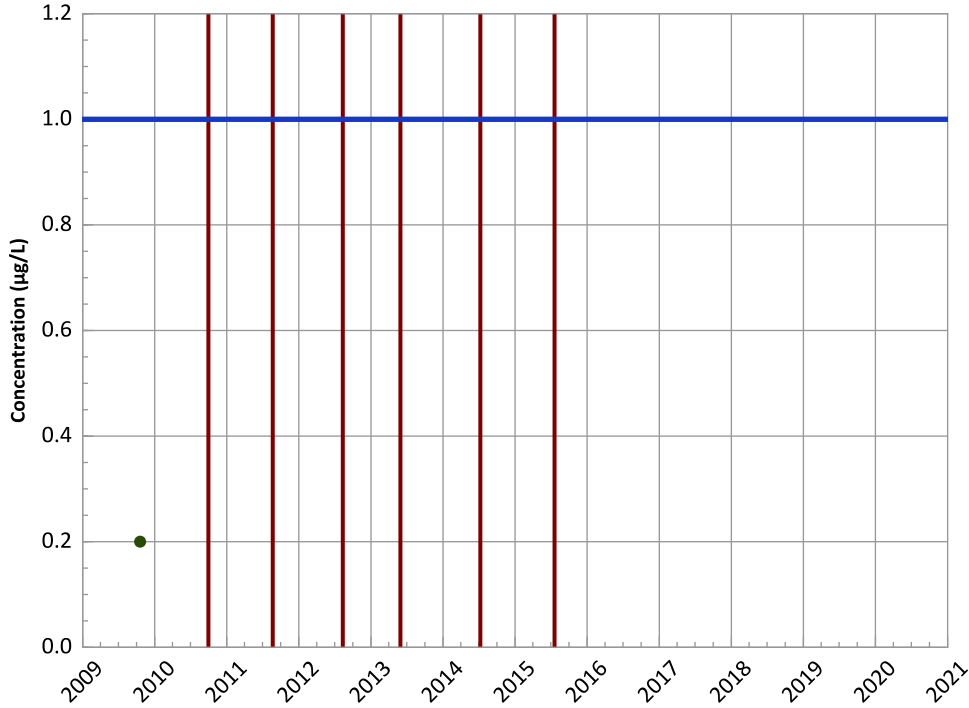


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

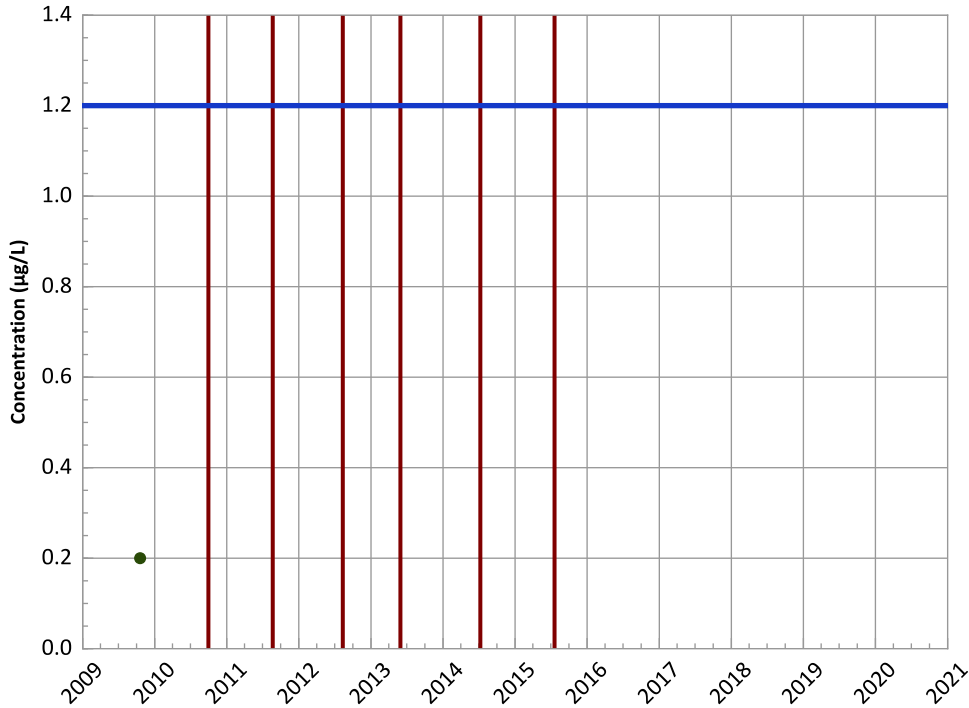


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

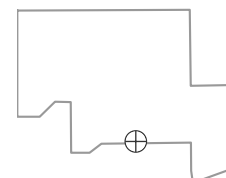


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

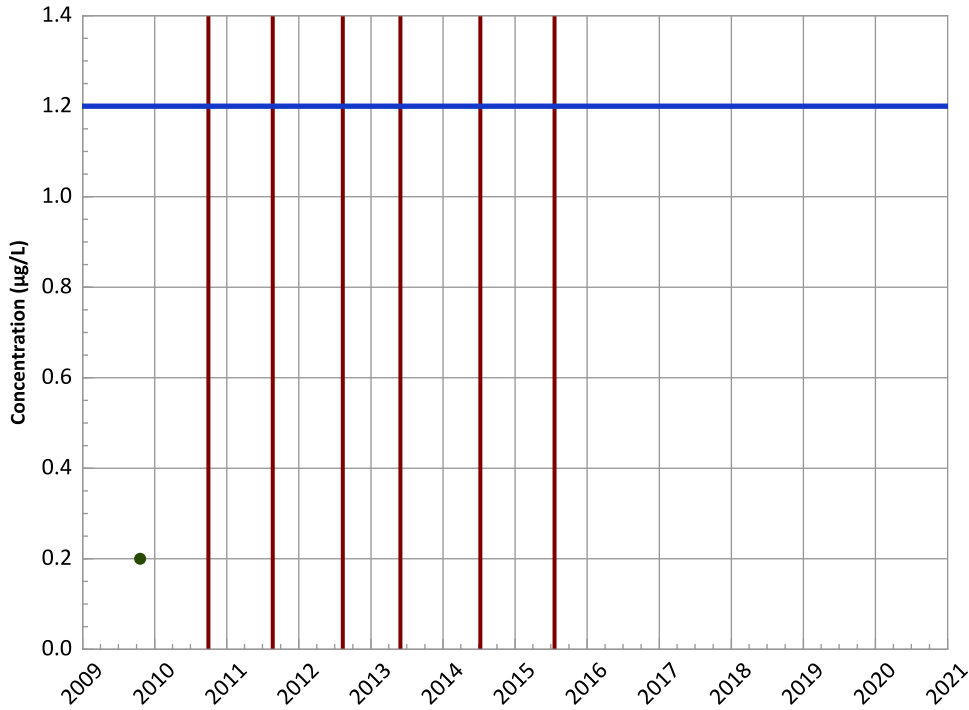


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

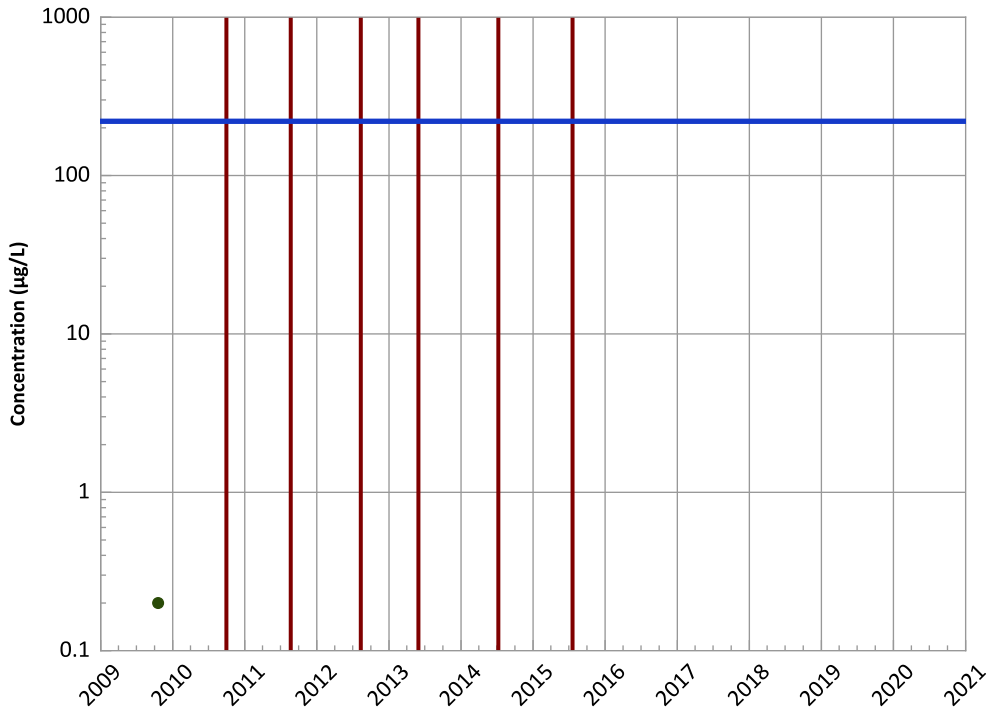


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

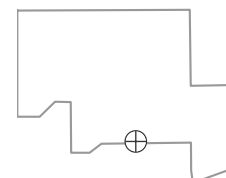
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

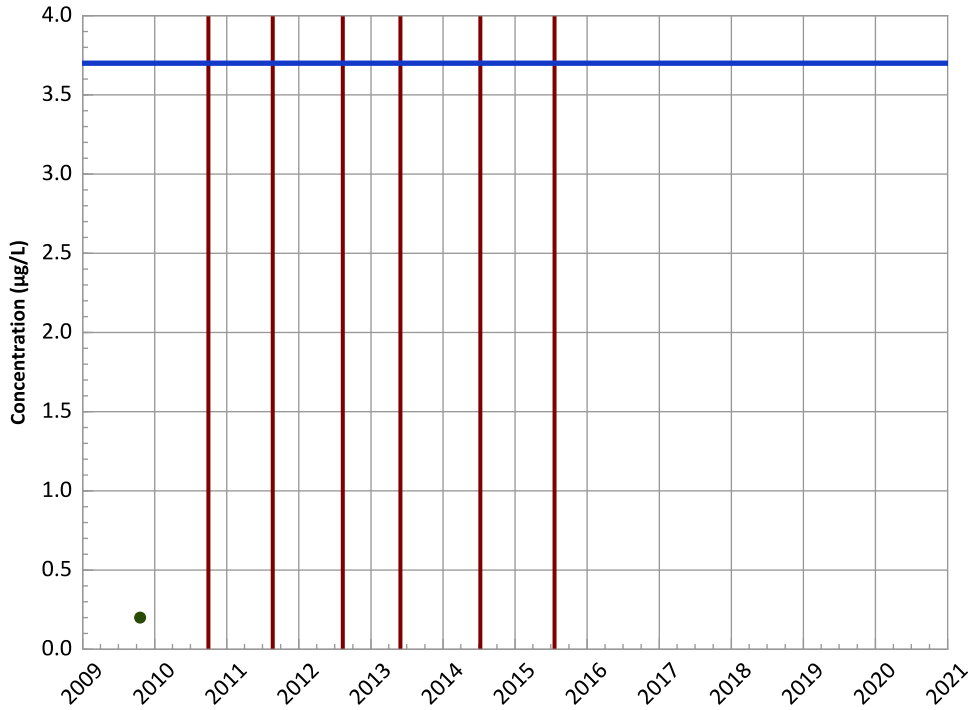
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

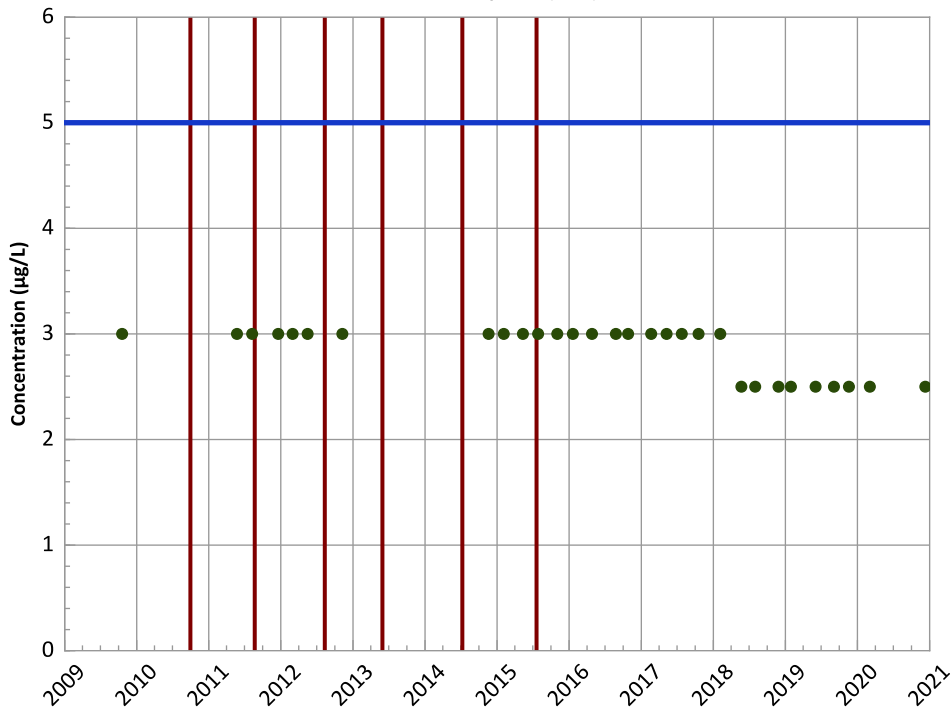
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

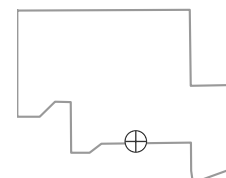
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

Well Location

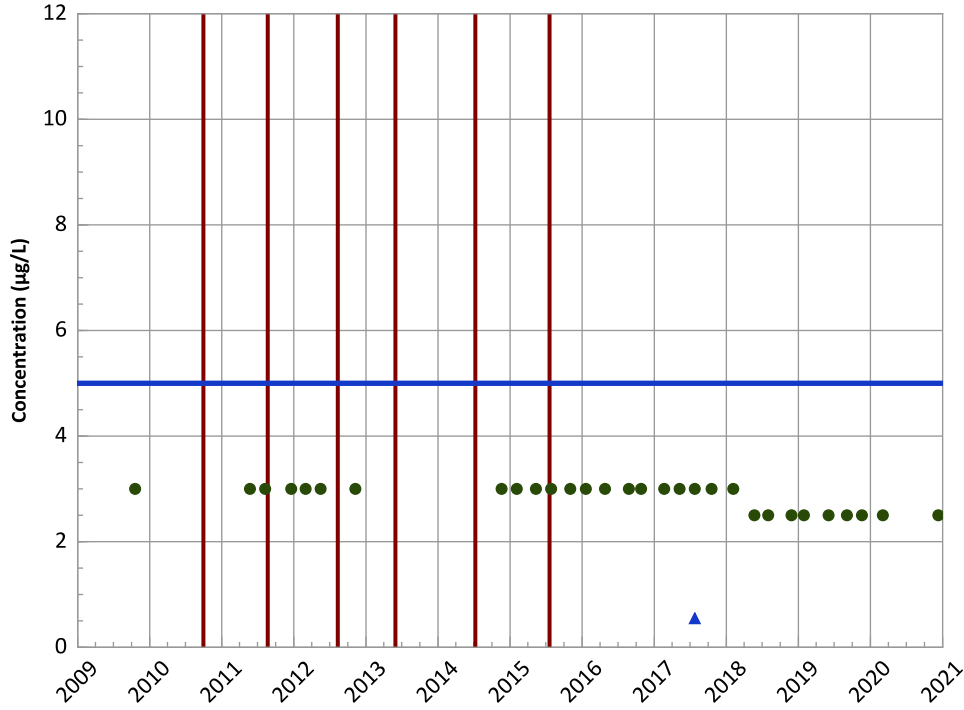


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

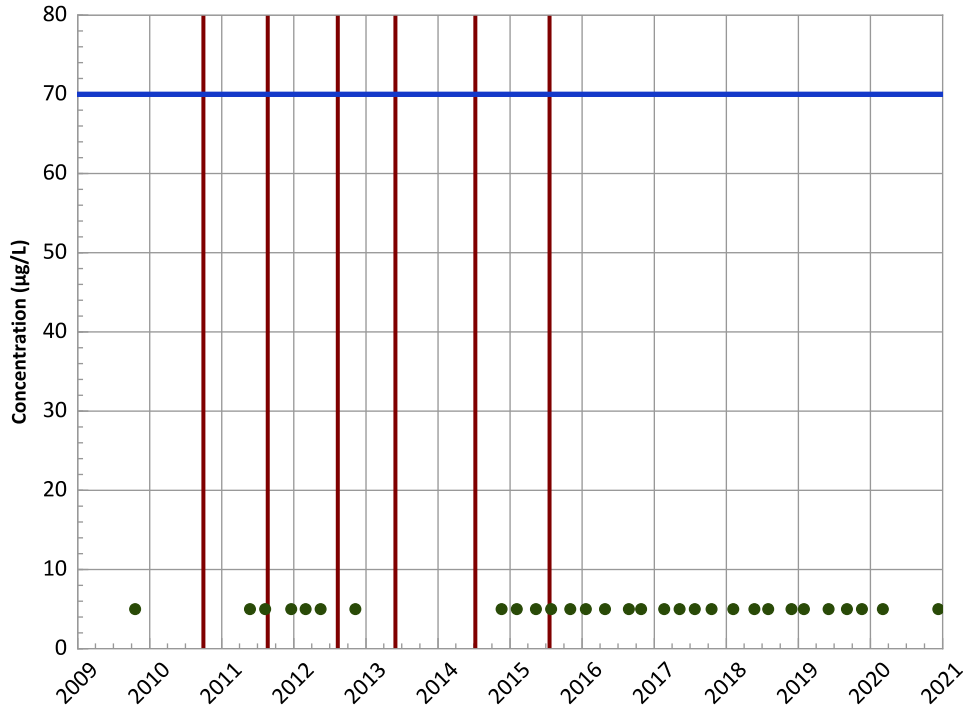


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

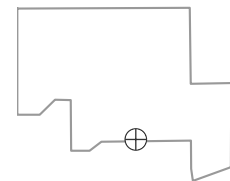


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

Well Location

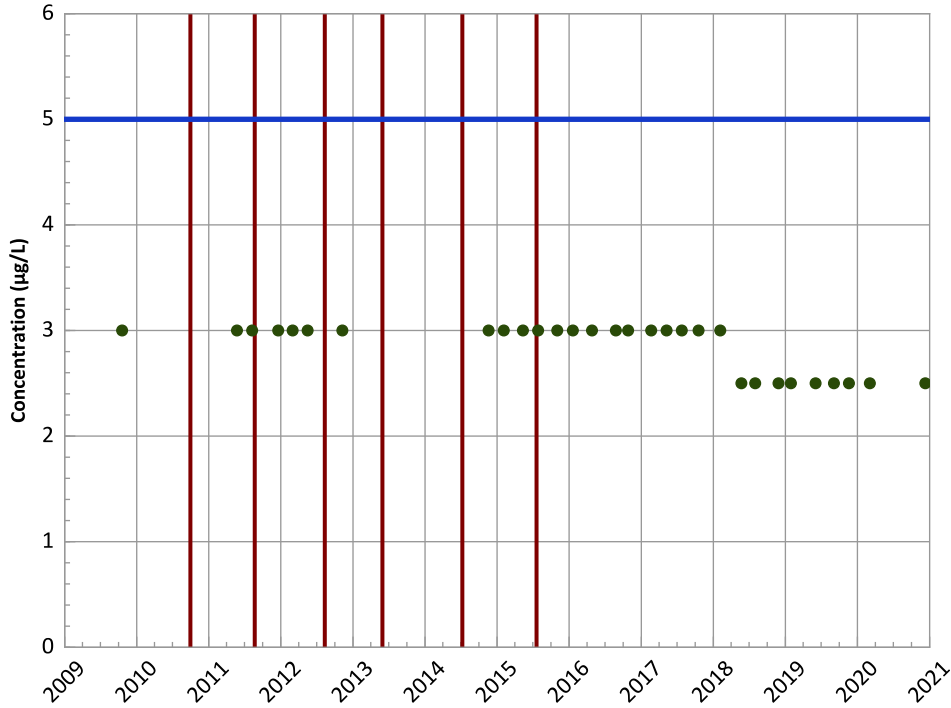


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

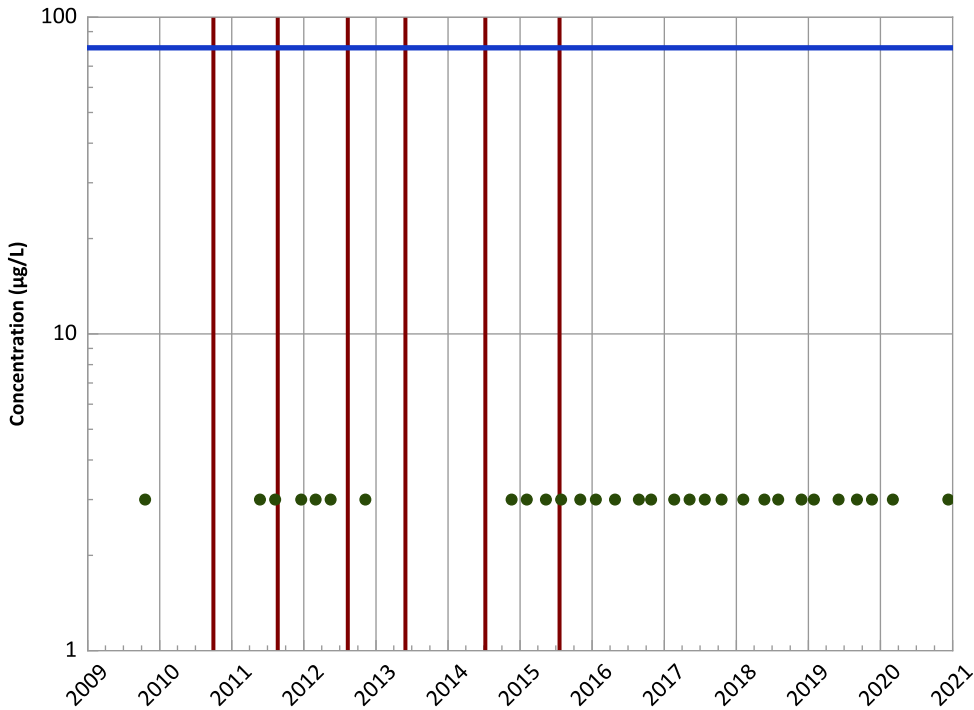
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

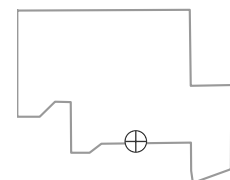
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

Well Location

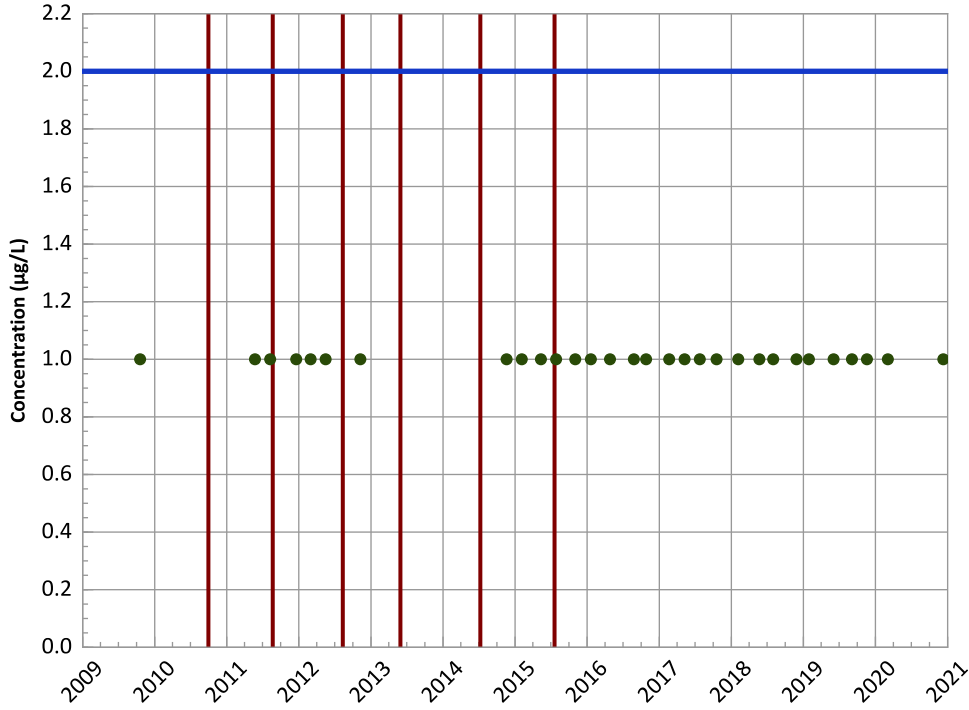


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

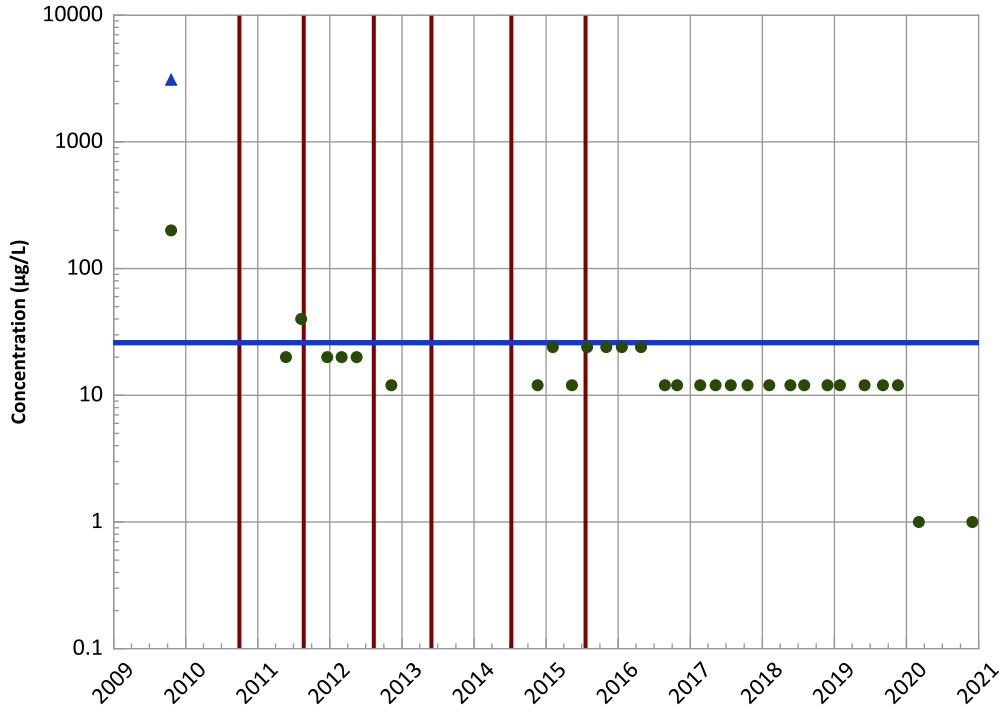
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend



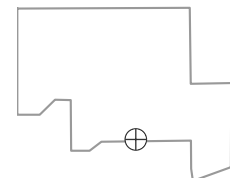
Perchlorate Trend



Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 10/19/2009 to 12/10/2020
 Analysis Date: 06/03/2021

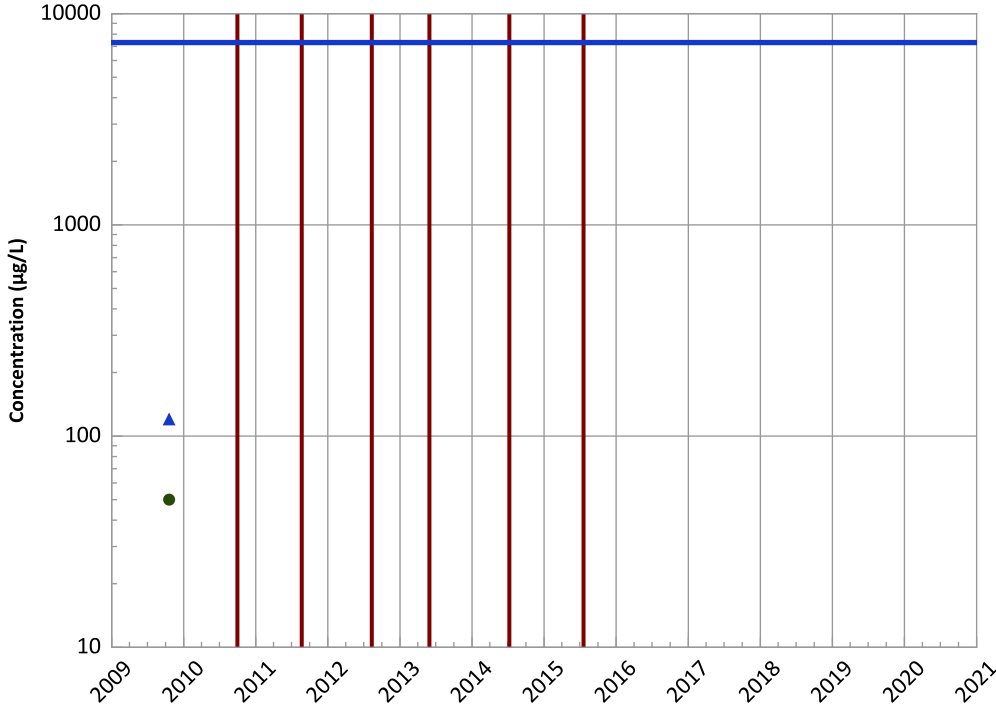
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

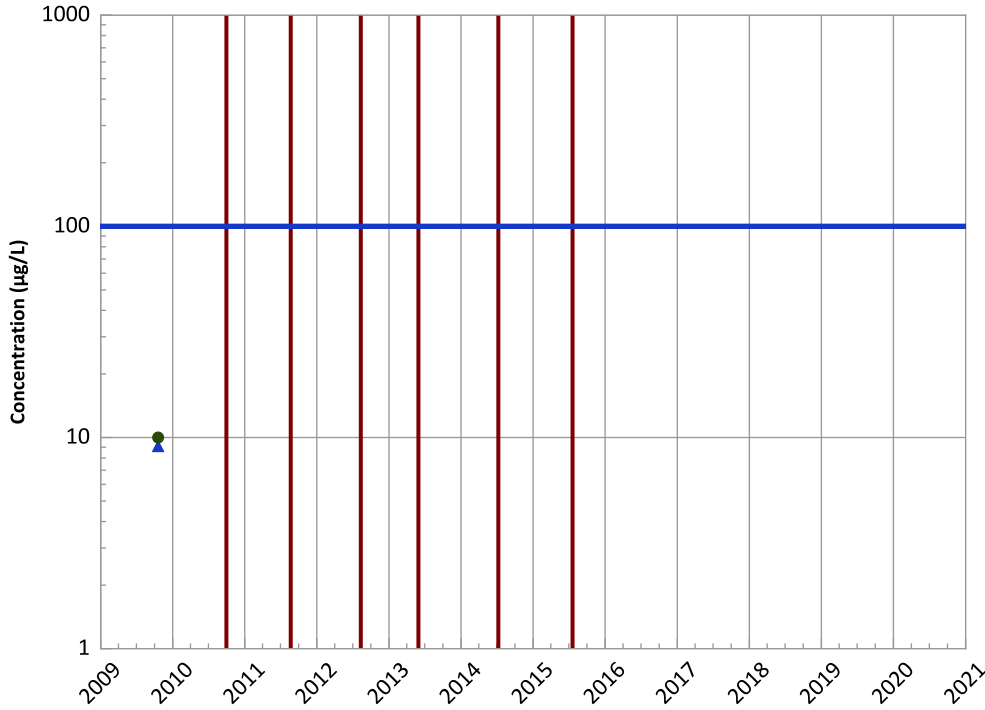
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

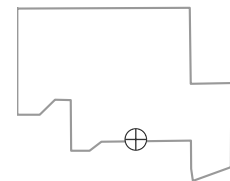
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

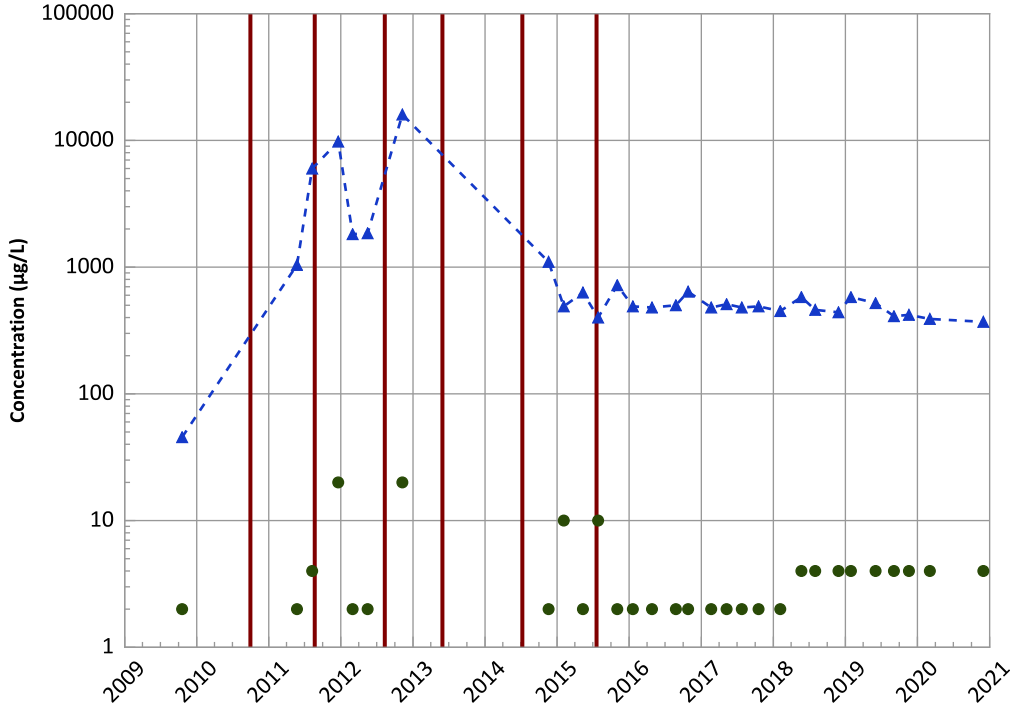


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

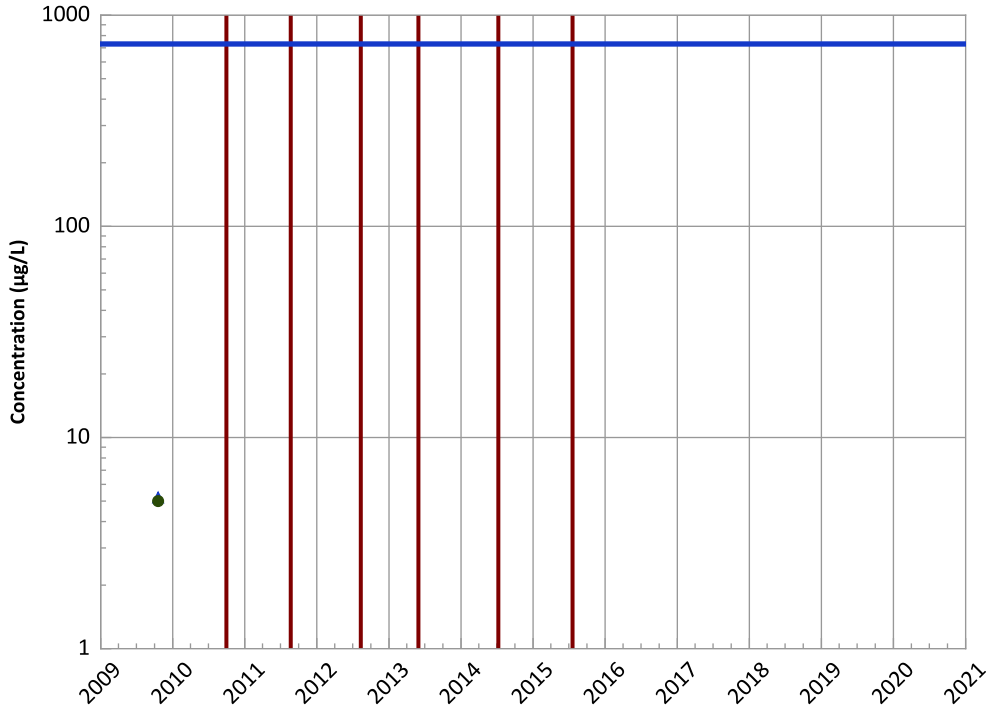
Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Stable' 'Stable

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

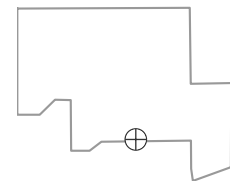
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

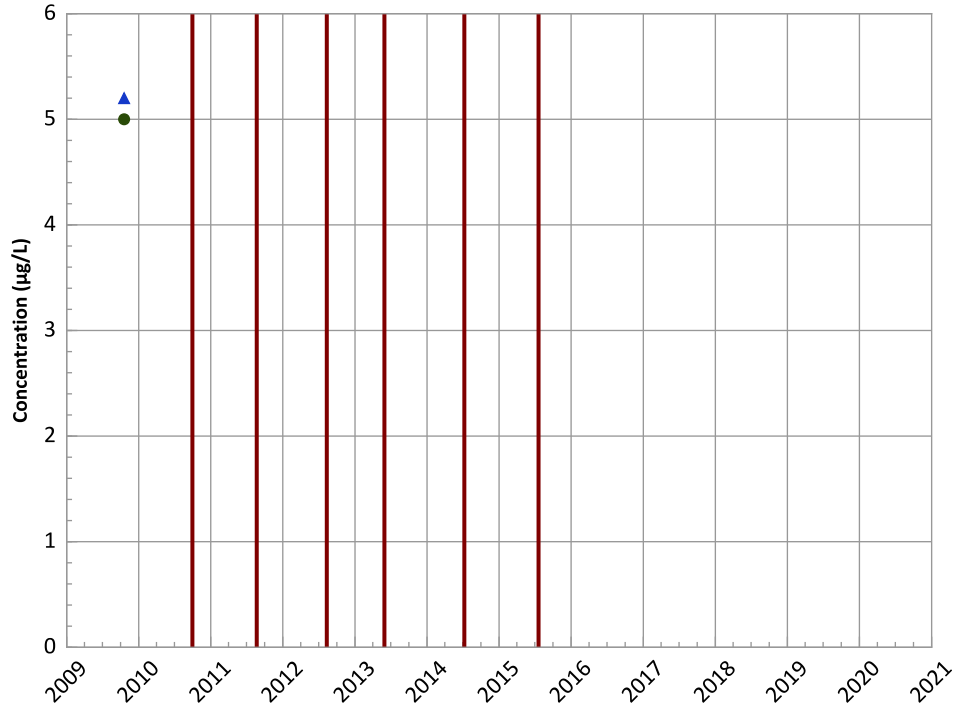


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

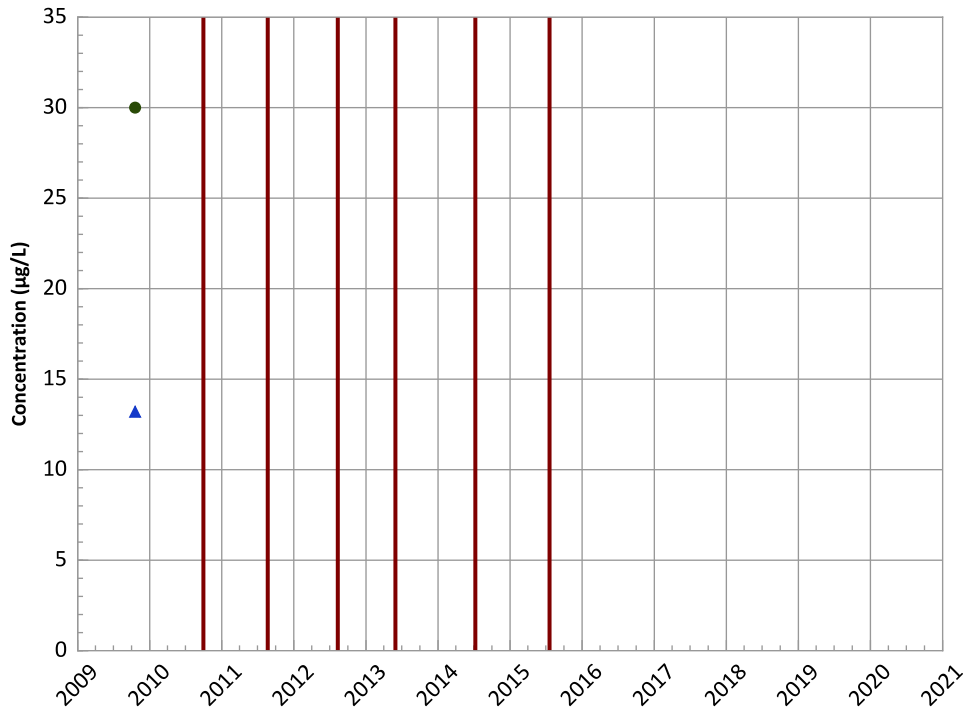
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Aluminum Trend



Concentration Trend

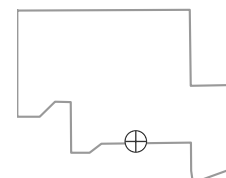
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

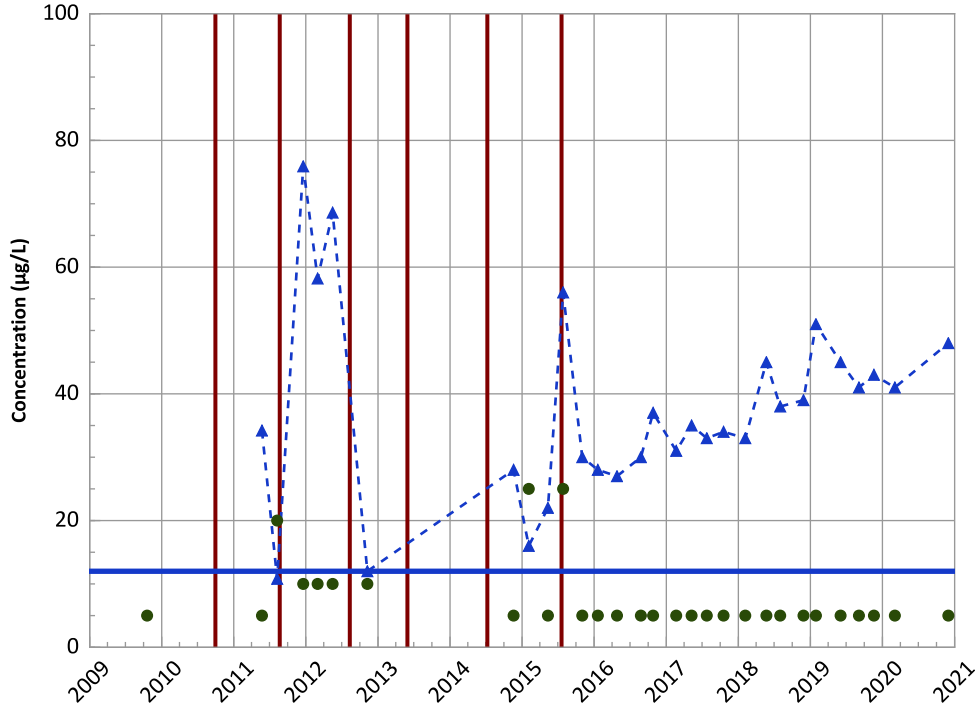


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

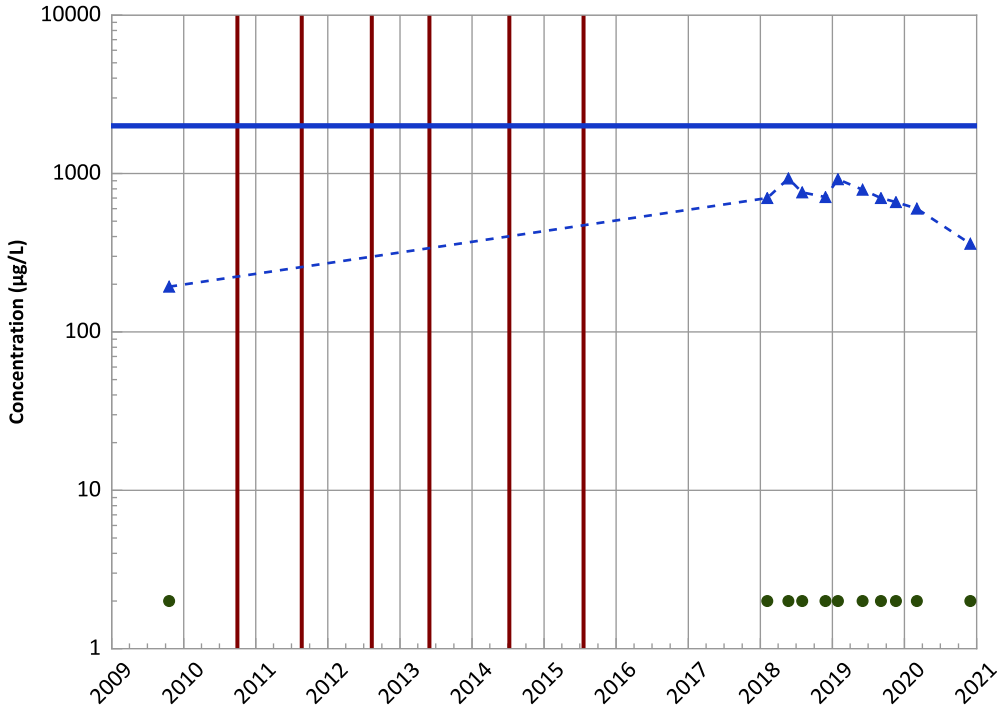


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
No Trend

Barium Trend

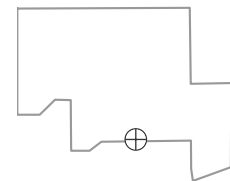


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Well Location

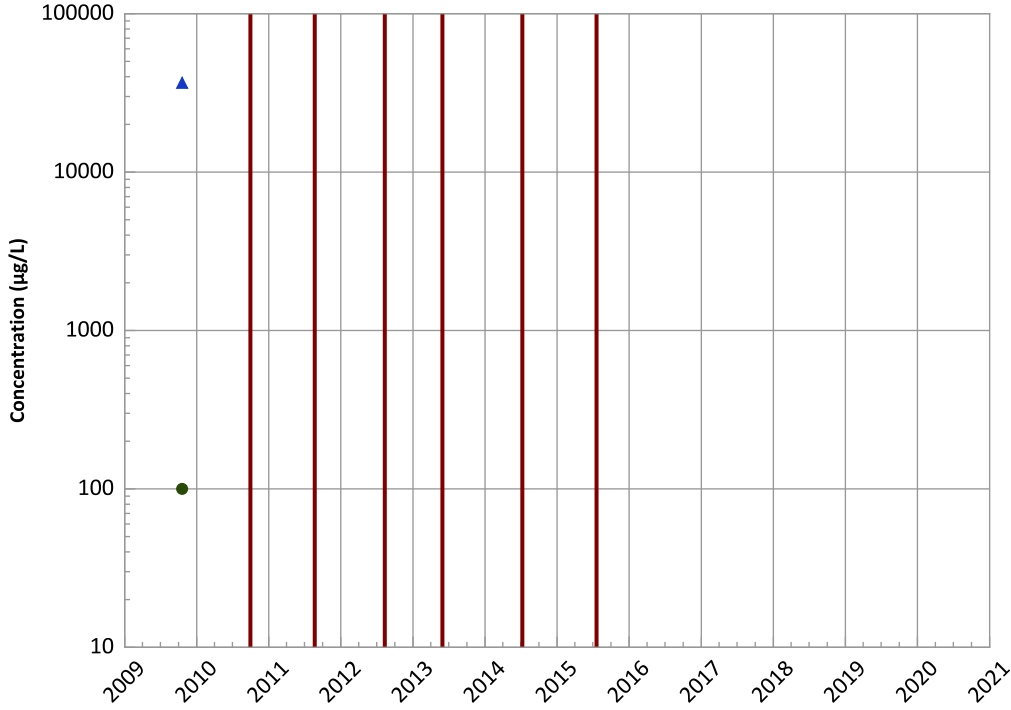


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

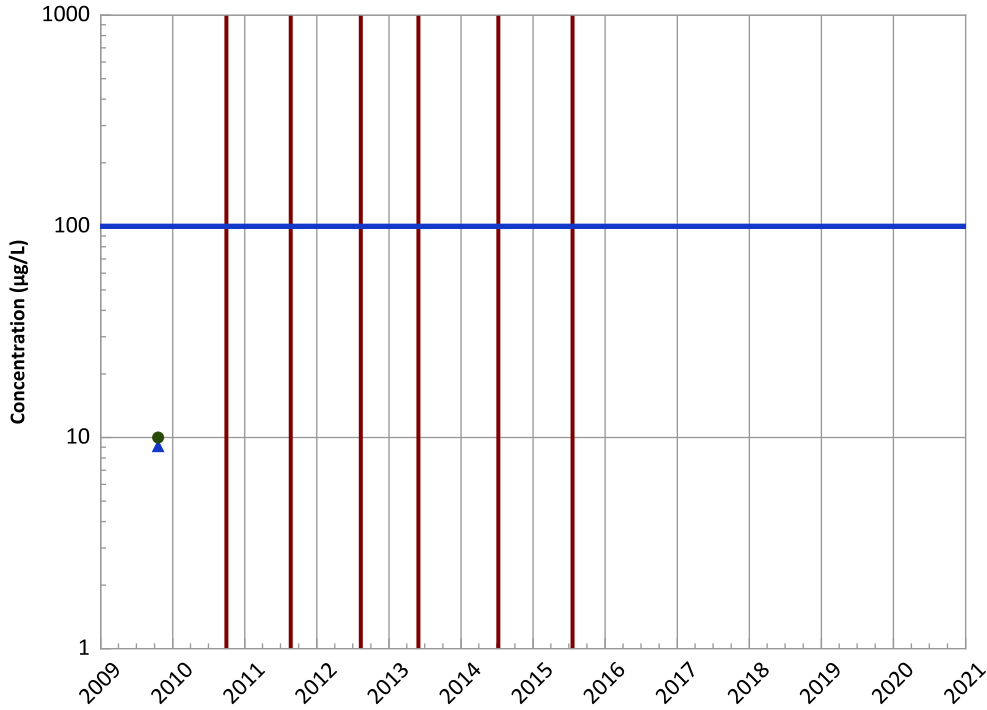
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

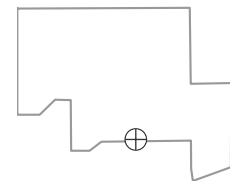
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

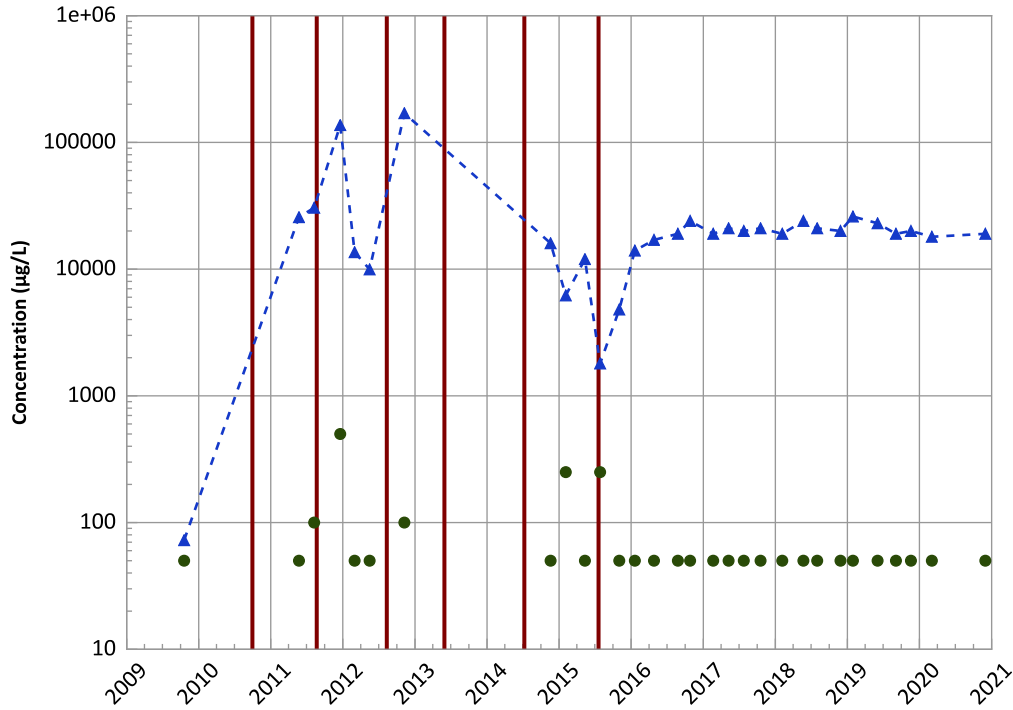


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

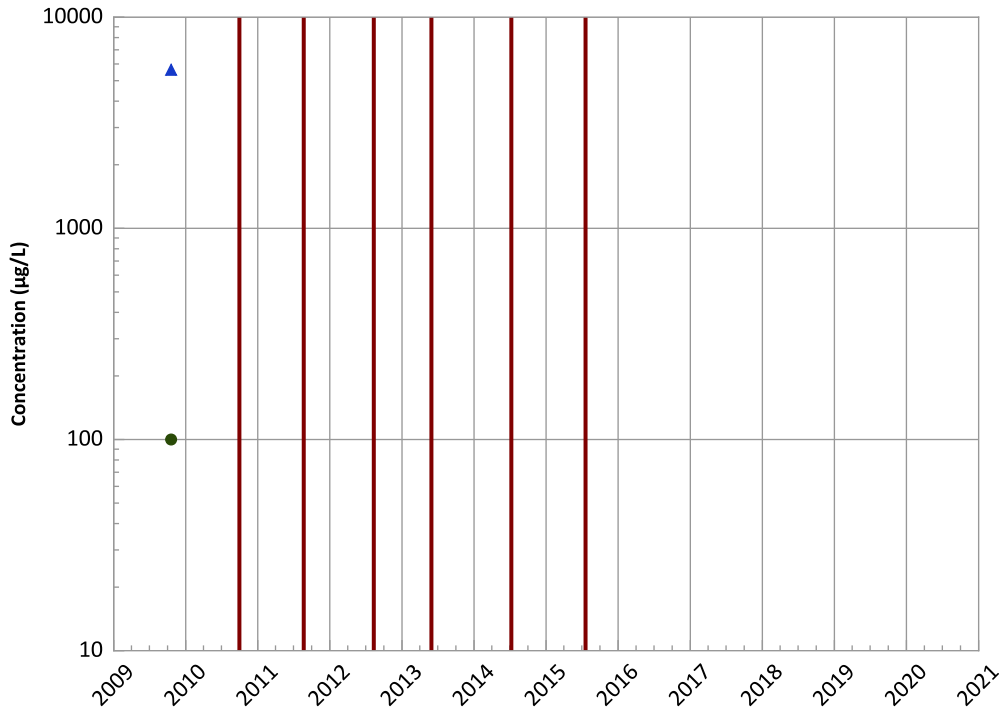


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Stable

Potassium Trend

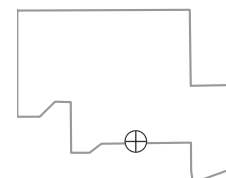


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

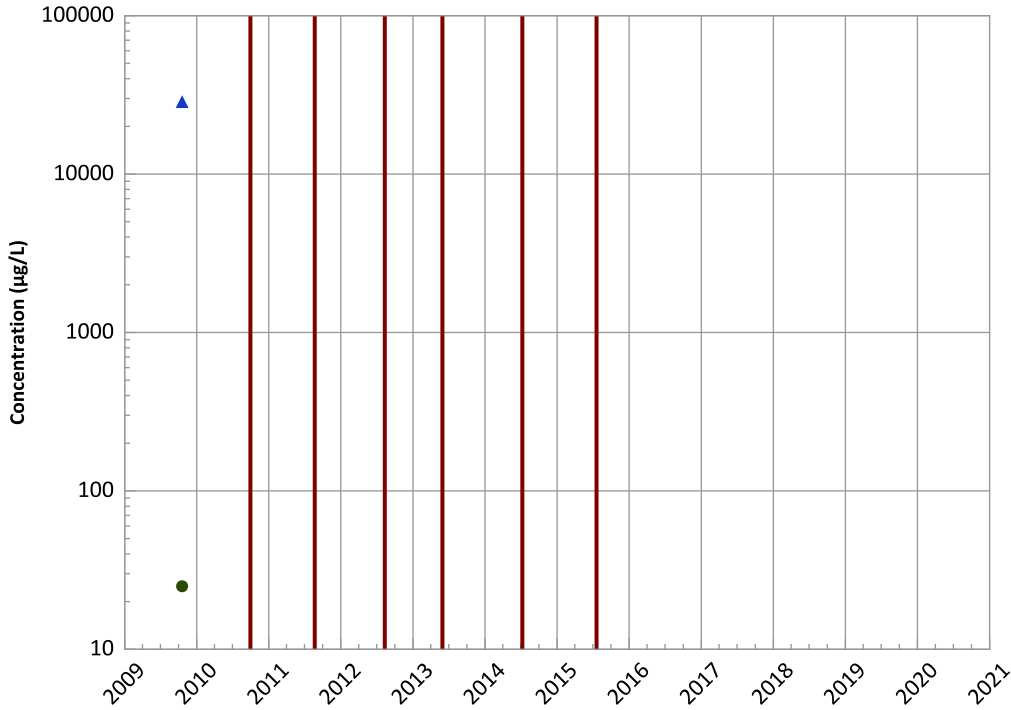


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

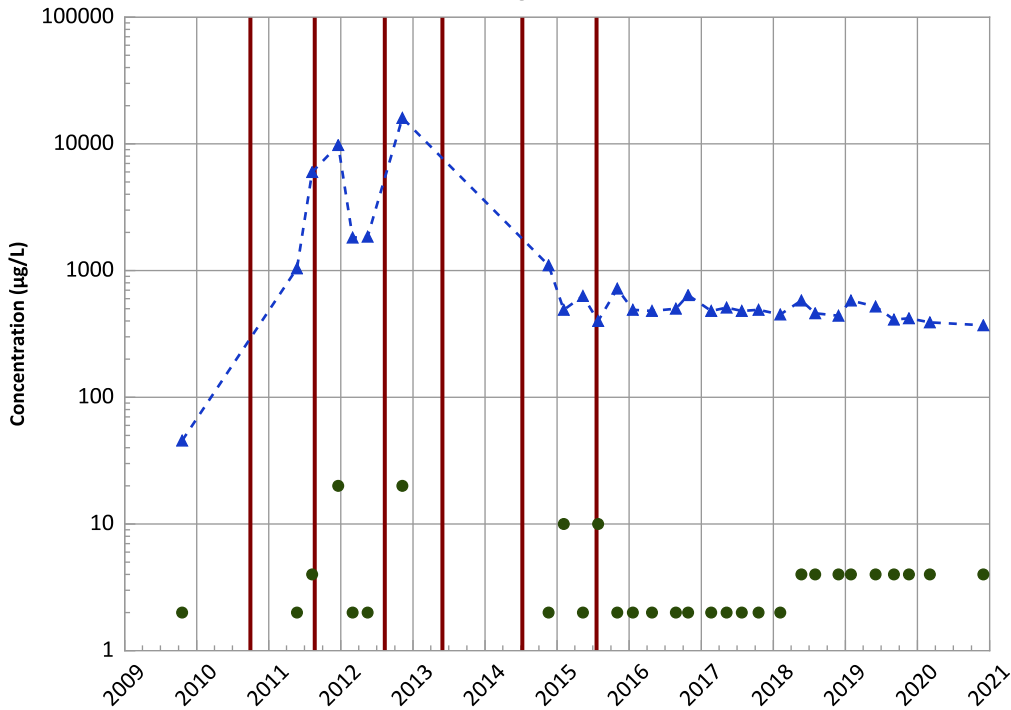
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

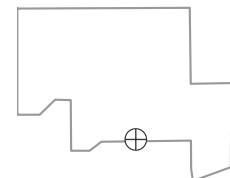
2018 - 2020 Data:

Stable' 'Stable

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

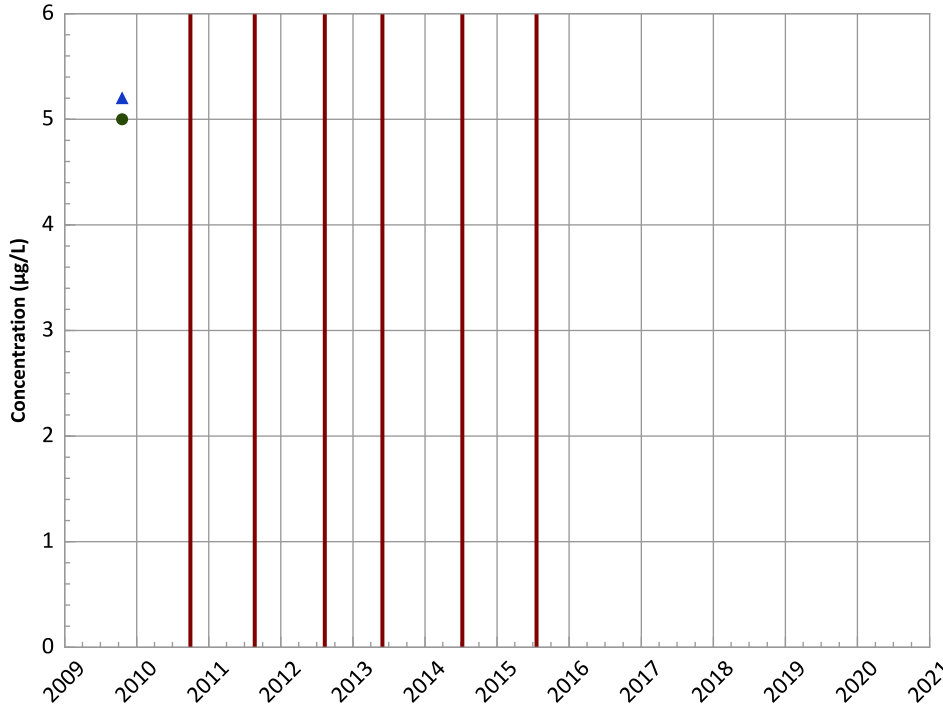
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

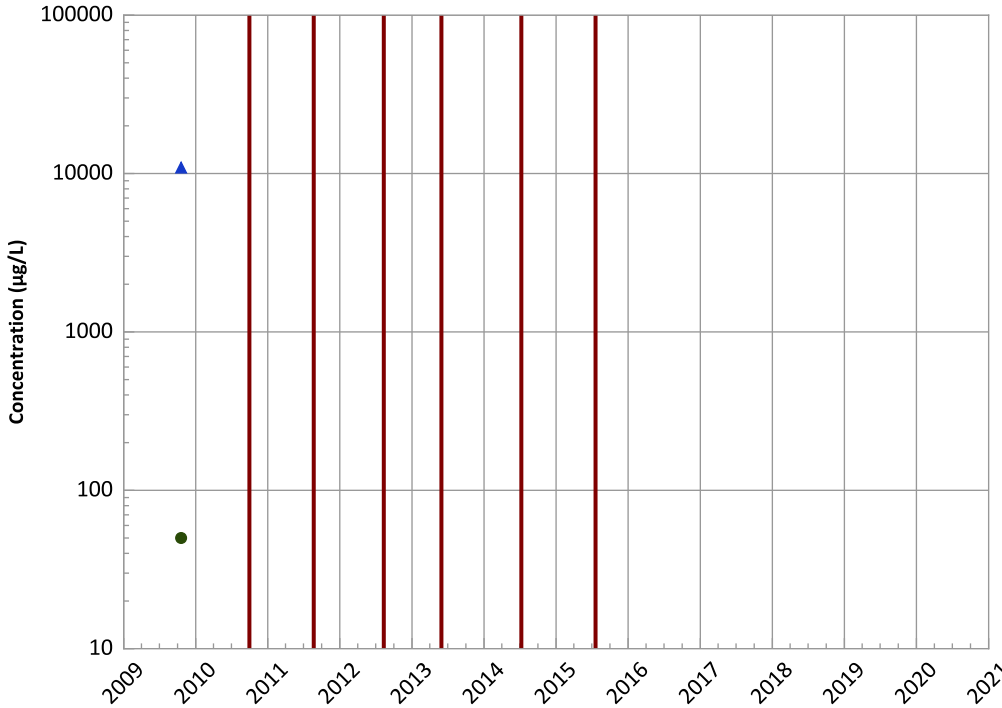
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Sodium Trend



Concentration Trend

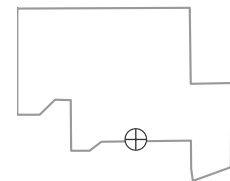
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

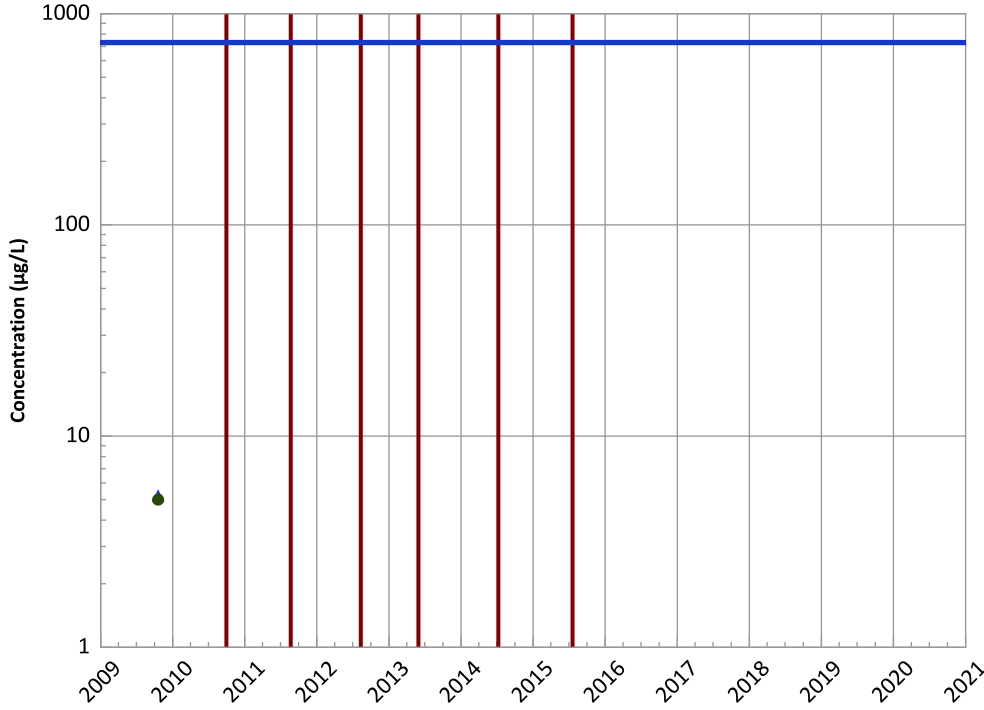


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

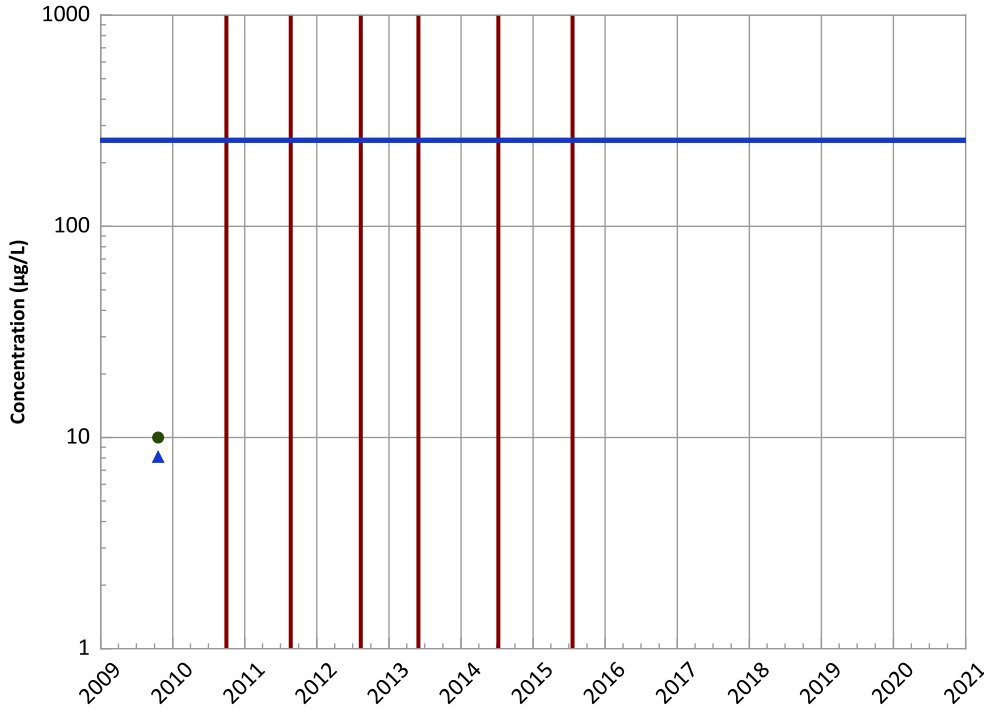
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

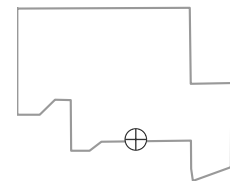
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

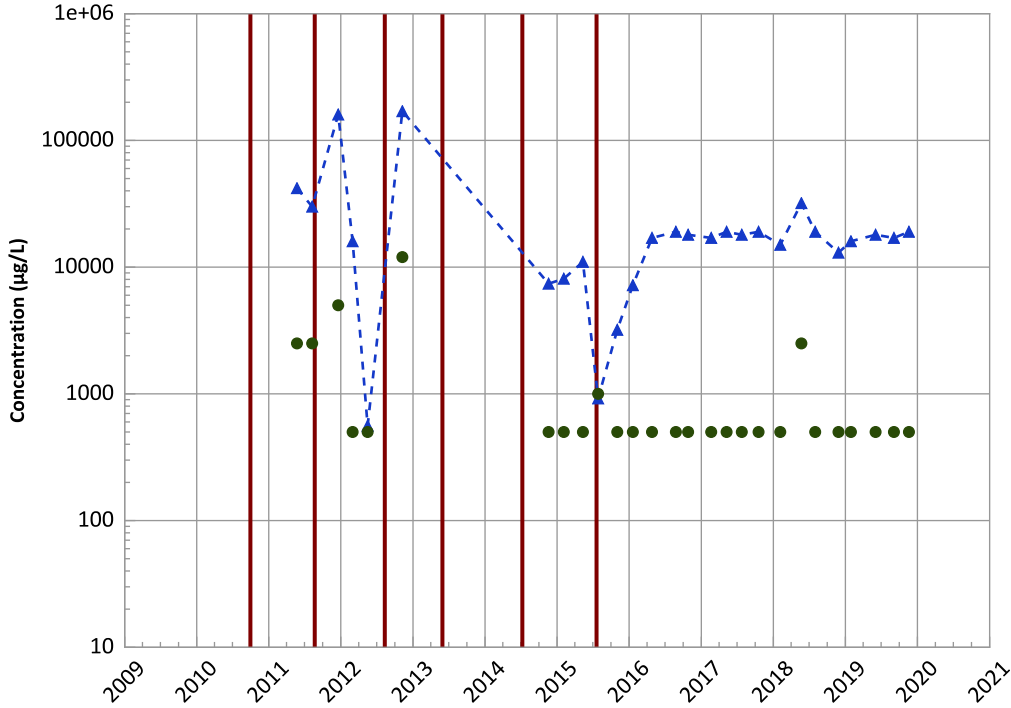


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ferrous Iron Trend

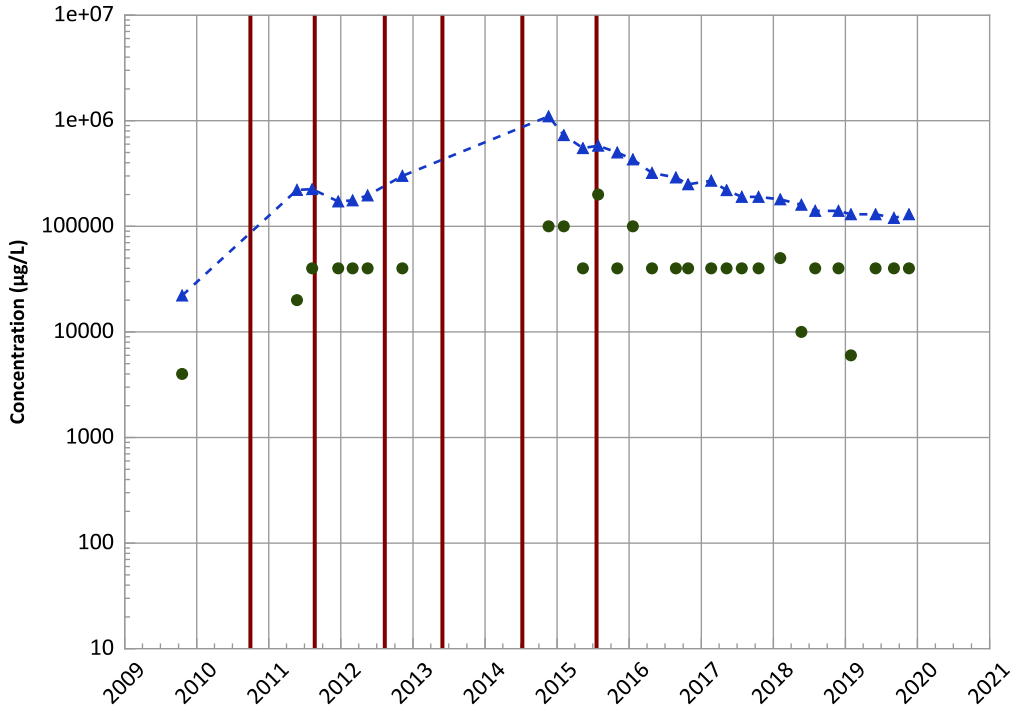


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Chloride (as Cl) Trend



Concentration Trend

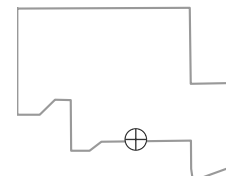
MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Stable

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

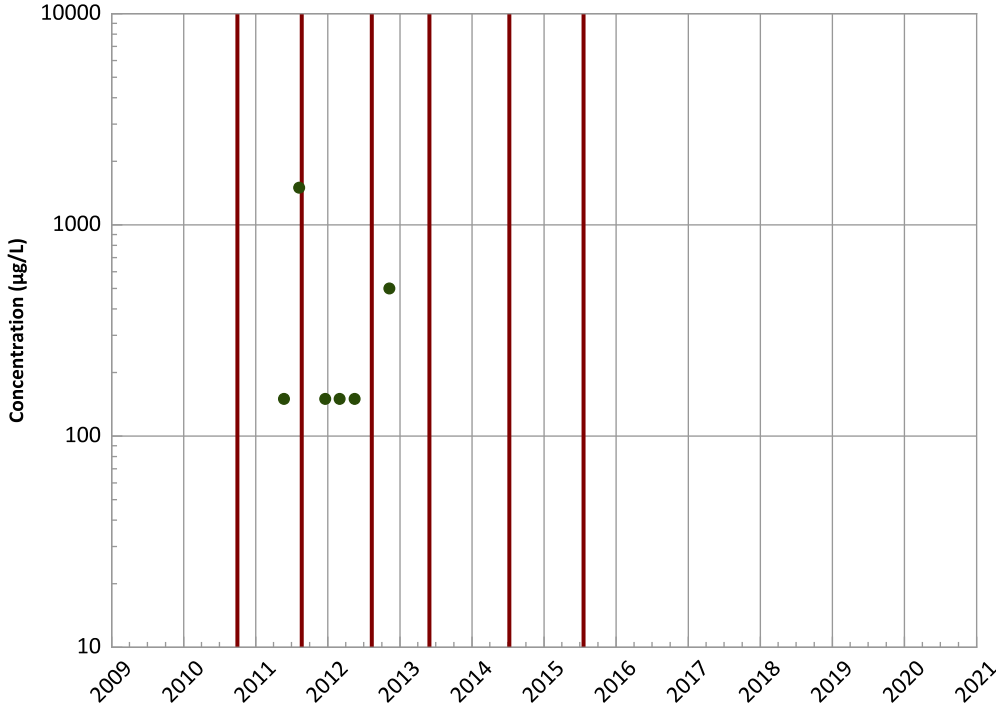
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

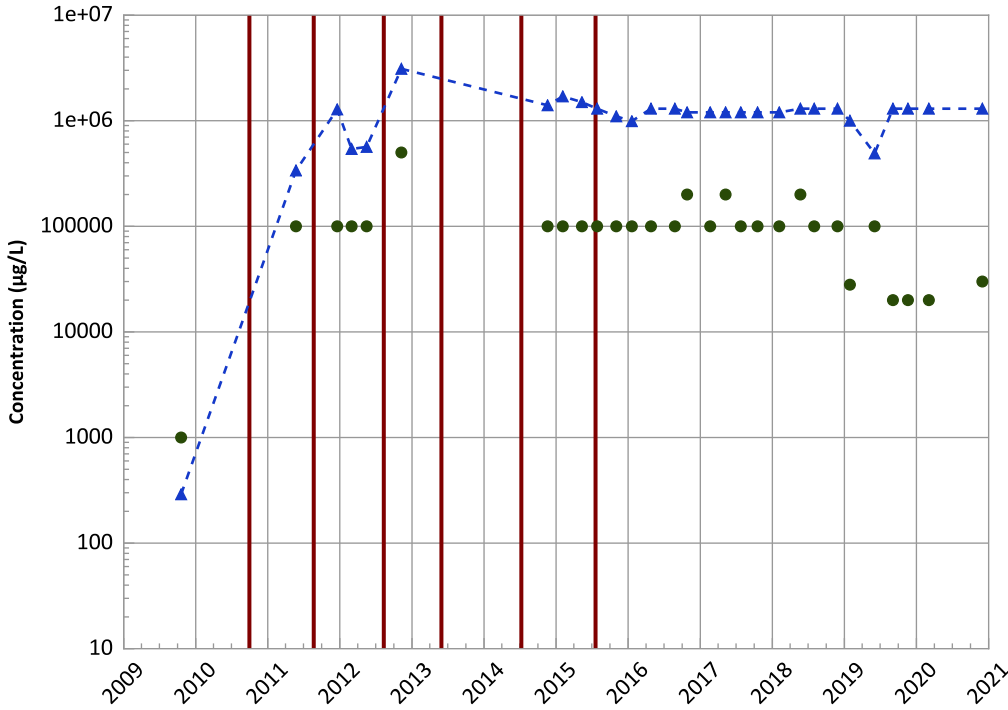
Data (7/2009 - 12/2020):

All Non-Detect

2018 - 2020 Data:

All Non-Detect

Total Organic Carbon Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend

2018 - 2020 Data:

Stable

MAROS Linear Regression Method

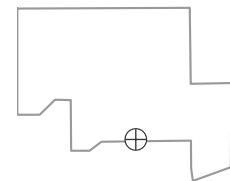
Data (7/2009 - 12/2020):

Increasing

2018 - 2020 Data:

Stable

Well Location

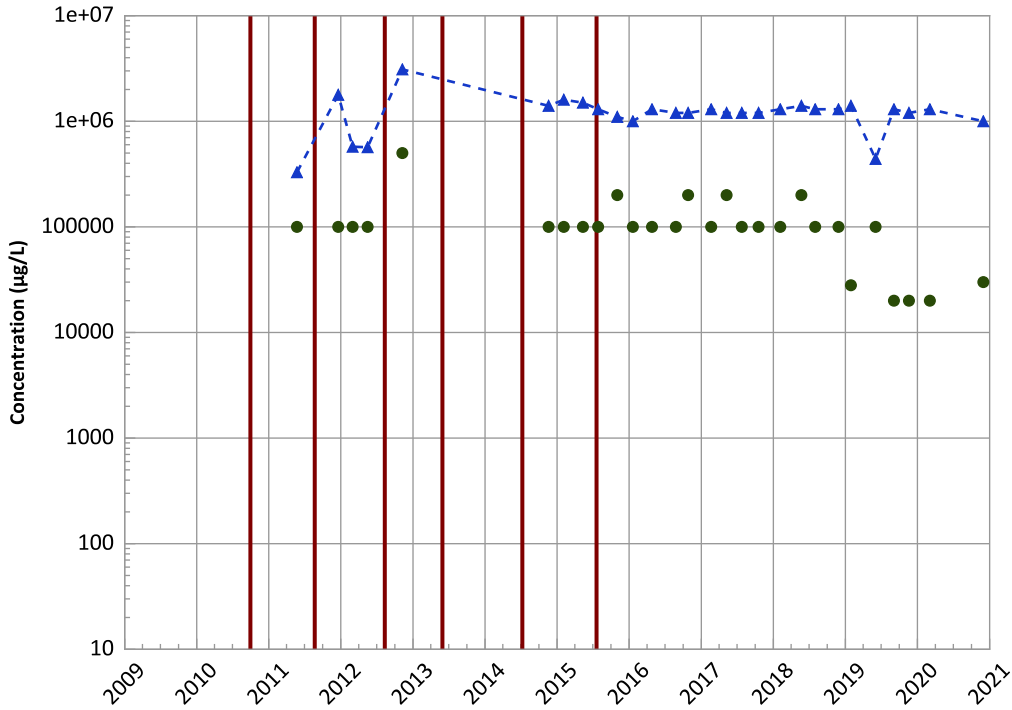


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

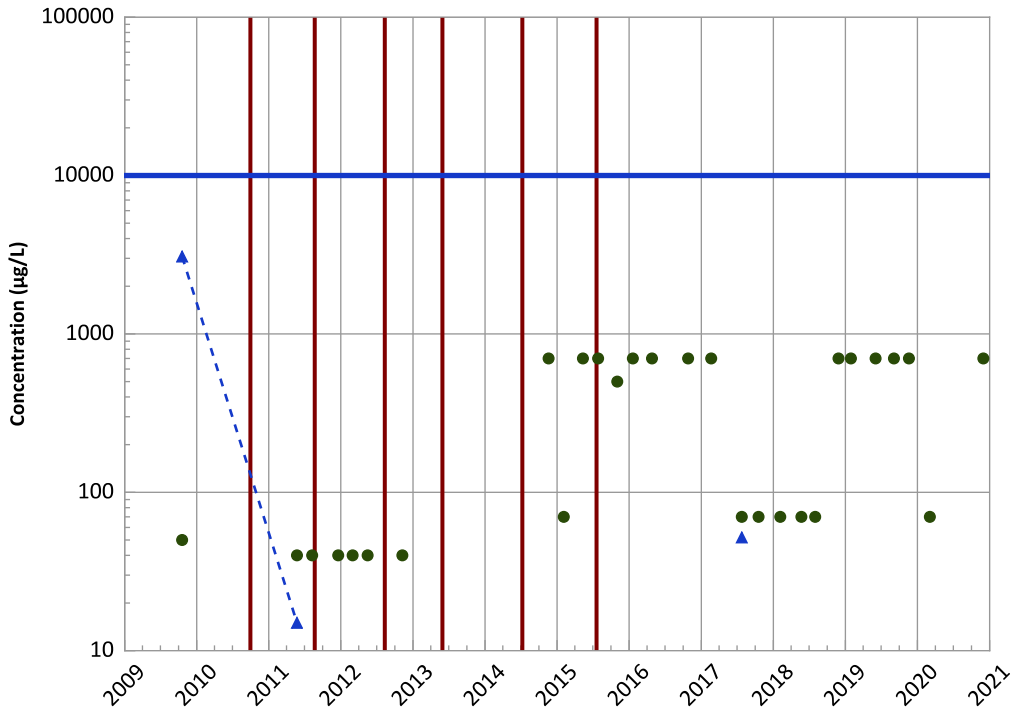


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

Nitrate as N Trend

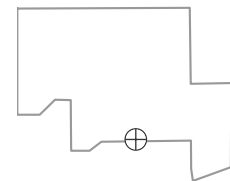


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

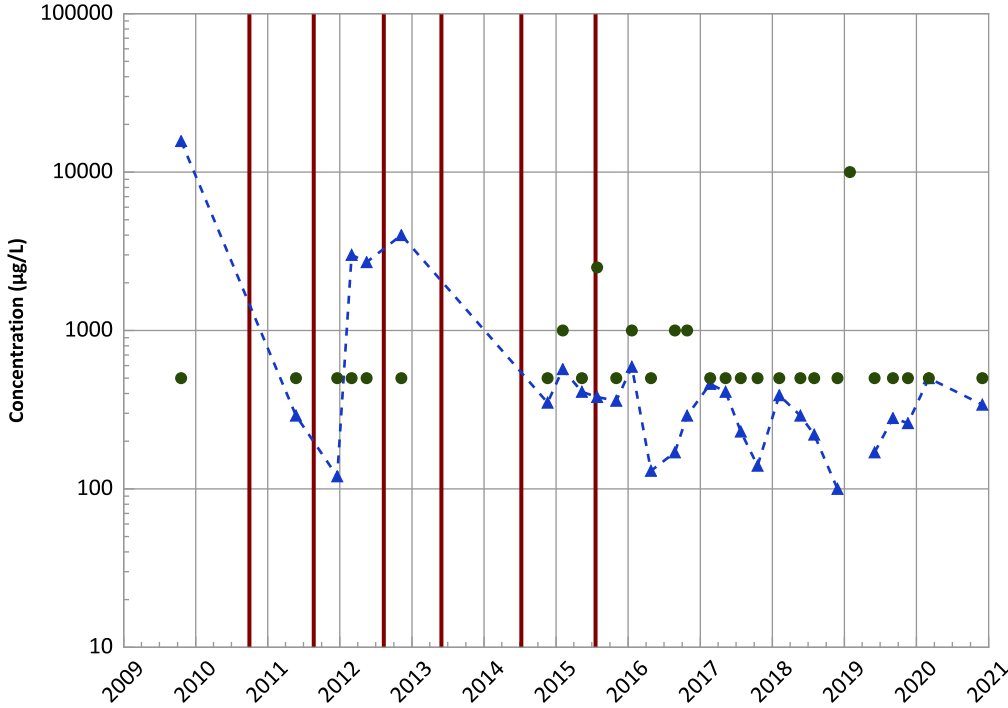


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

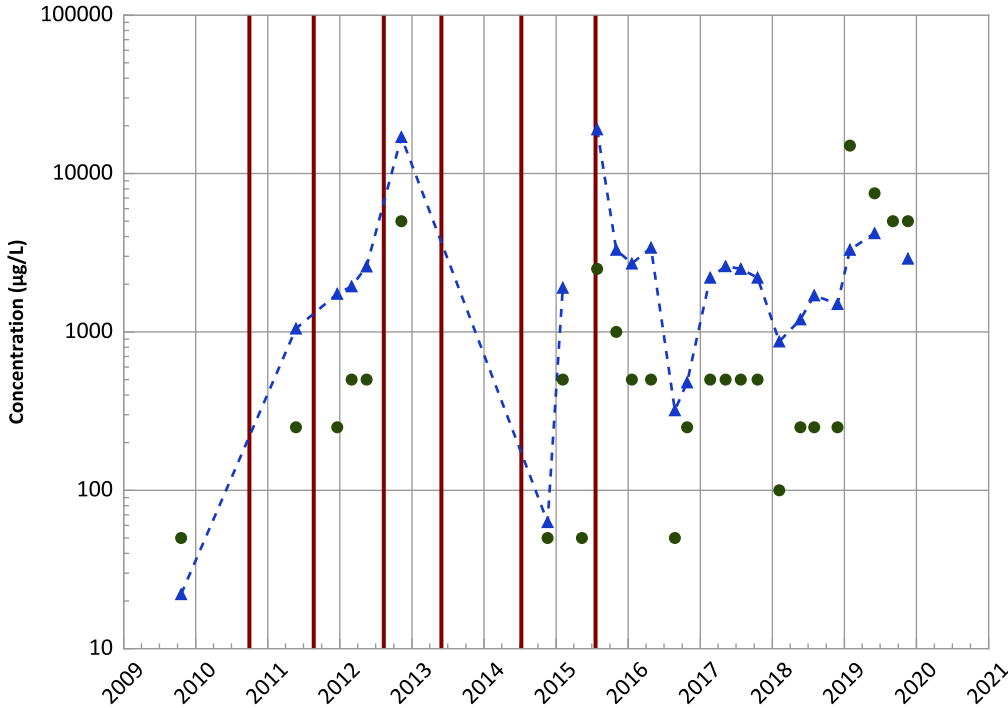


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

Phosphorus, Total (as P) Trend

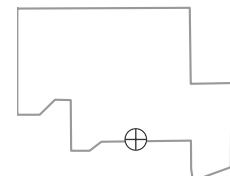


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Probably Increasing

Well Location

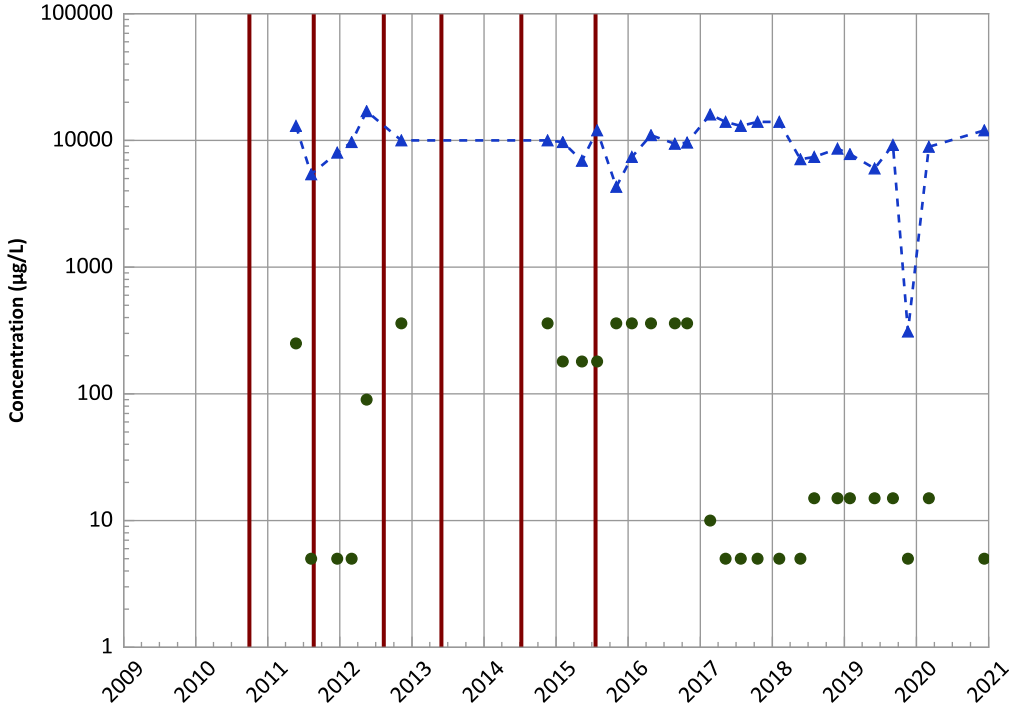


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

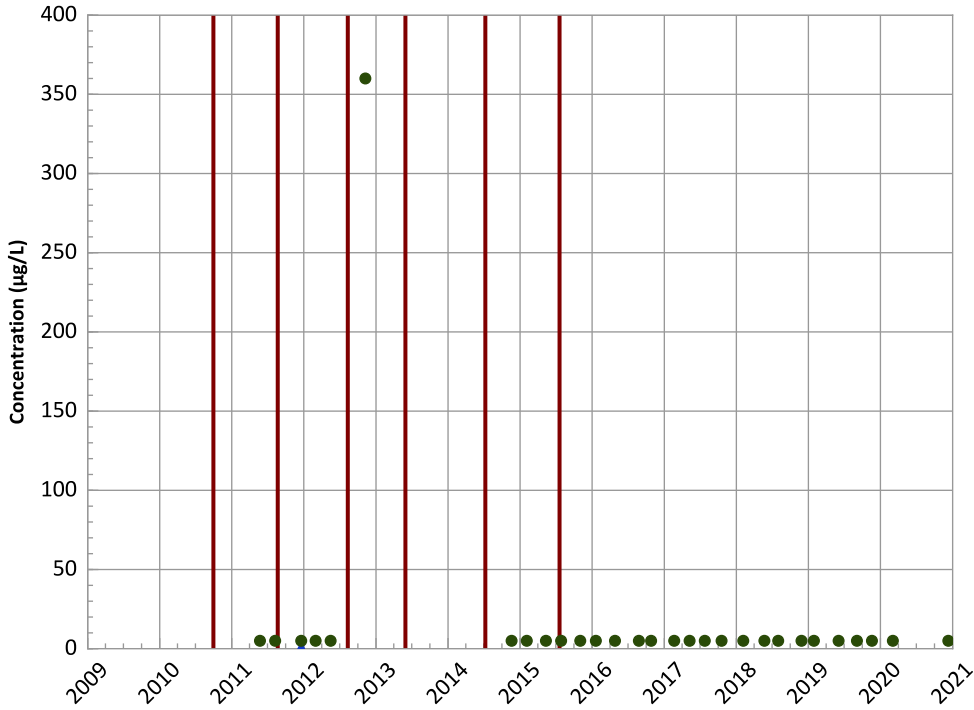


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
No Trend

Ethane Trend

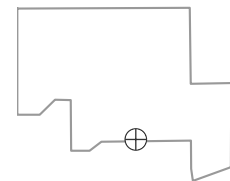


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

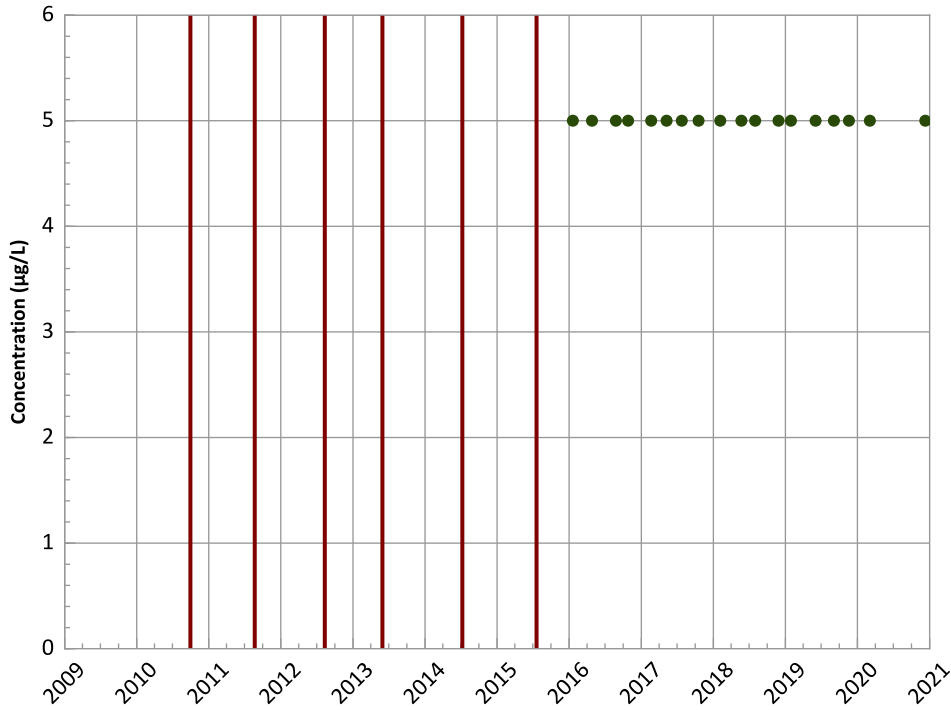


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Trend

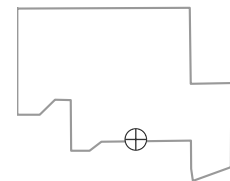


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

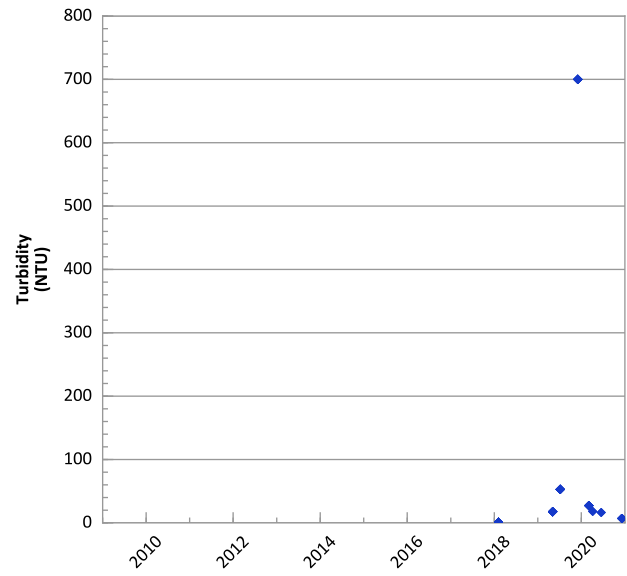
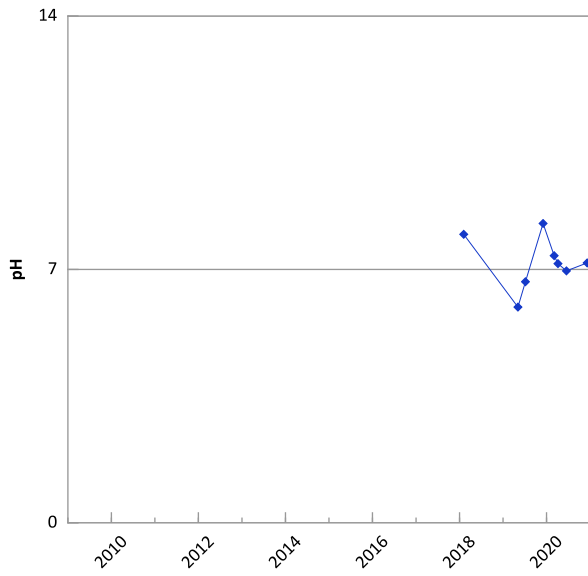
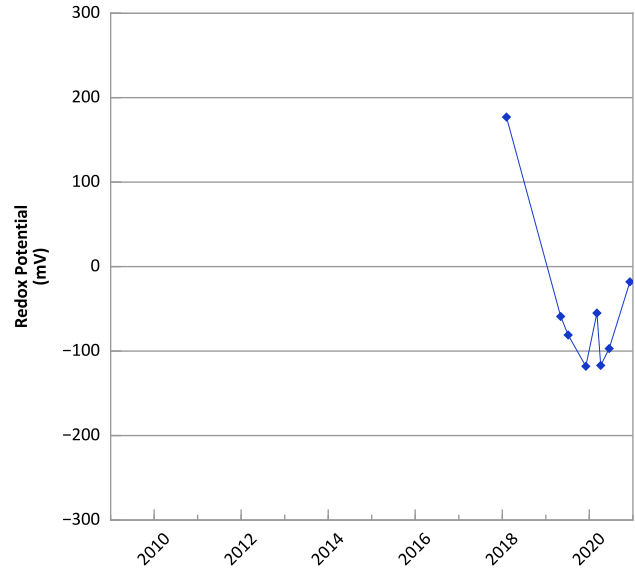
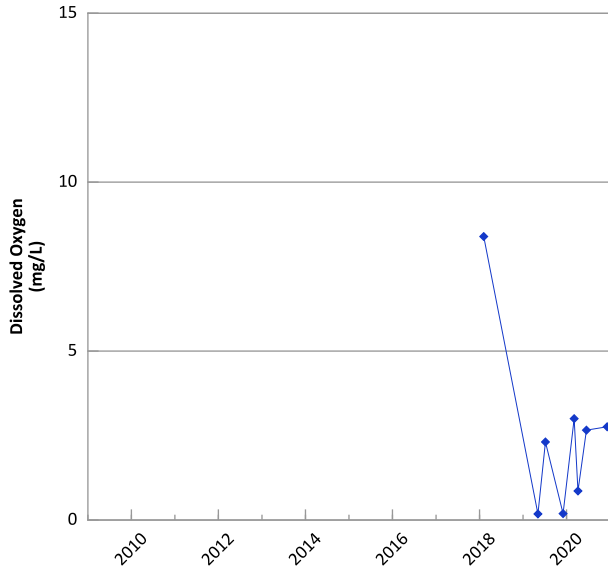
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



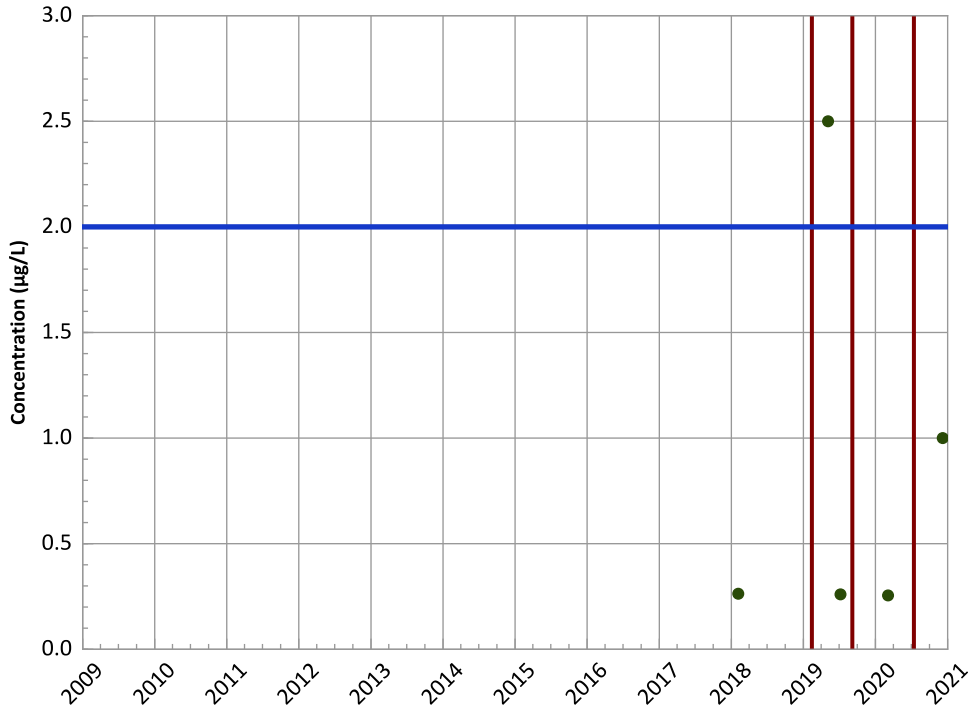
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 02/05/2018 to 12/07/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

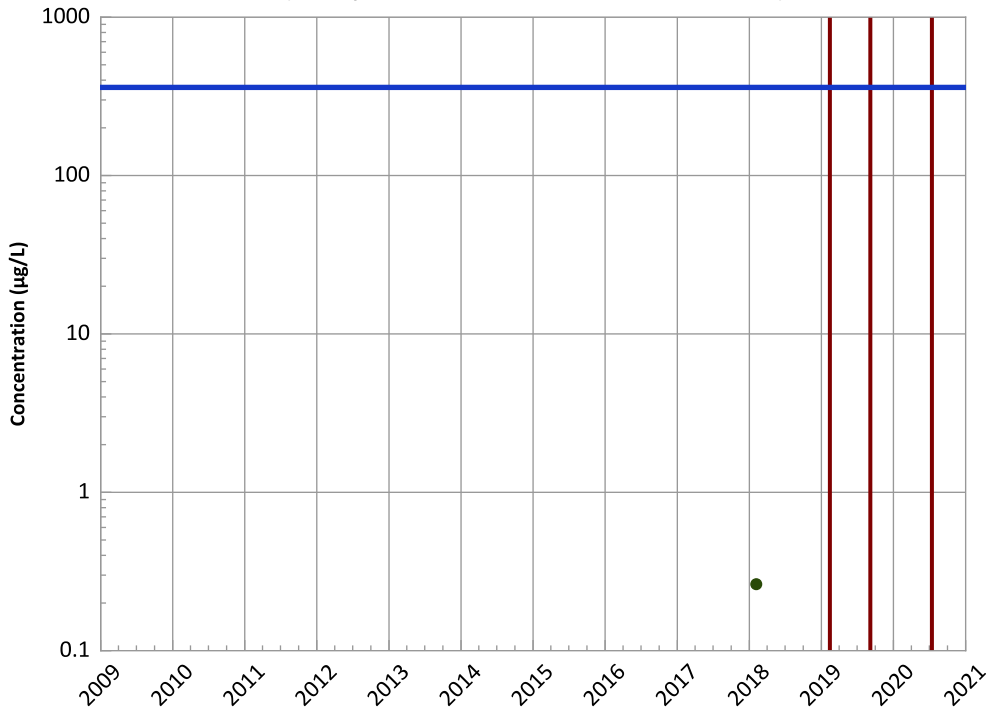


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
All Non-Detect
2018 - 2020 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 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

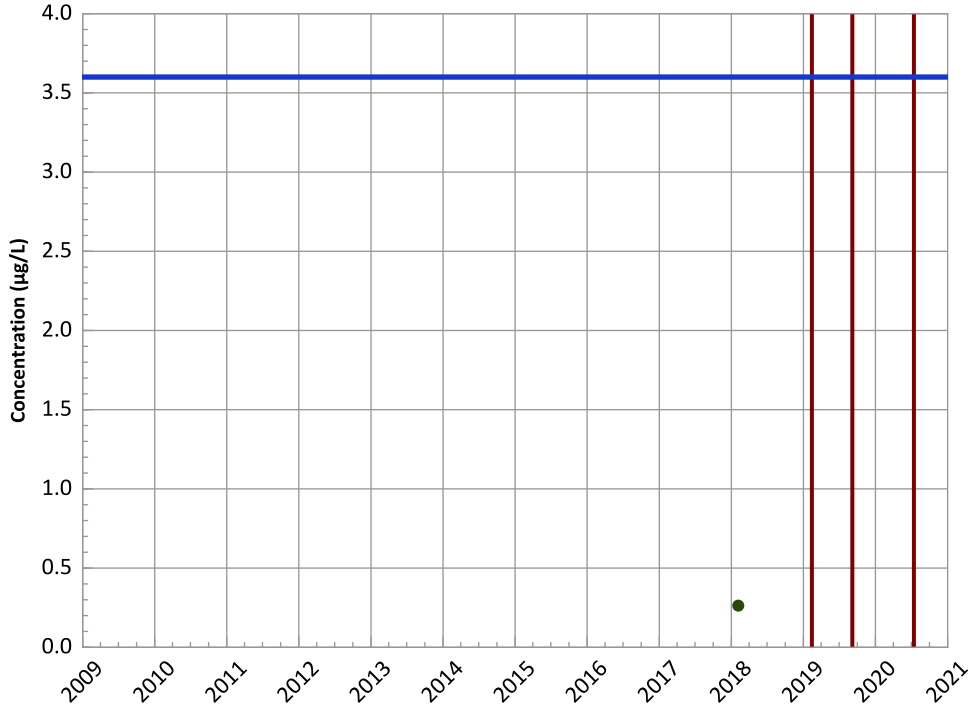


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

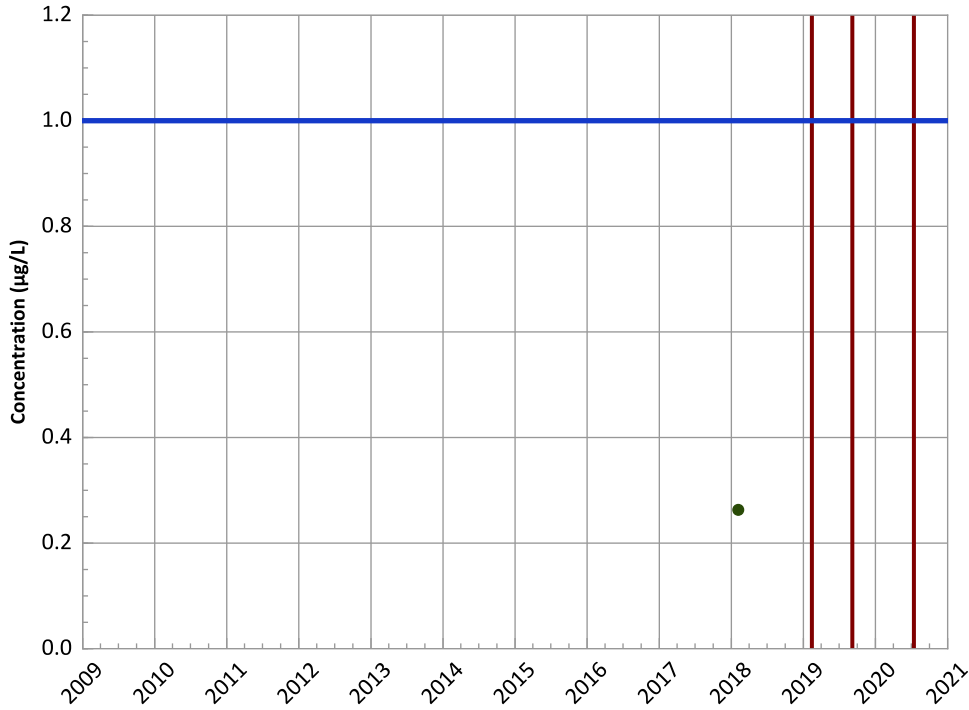


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

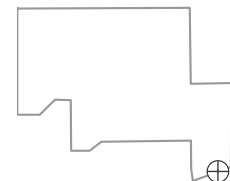


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

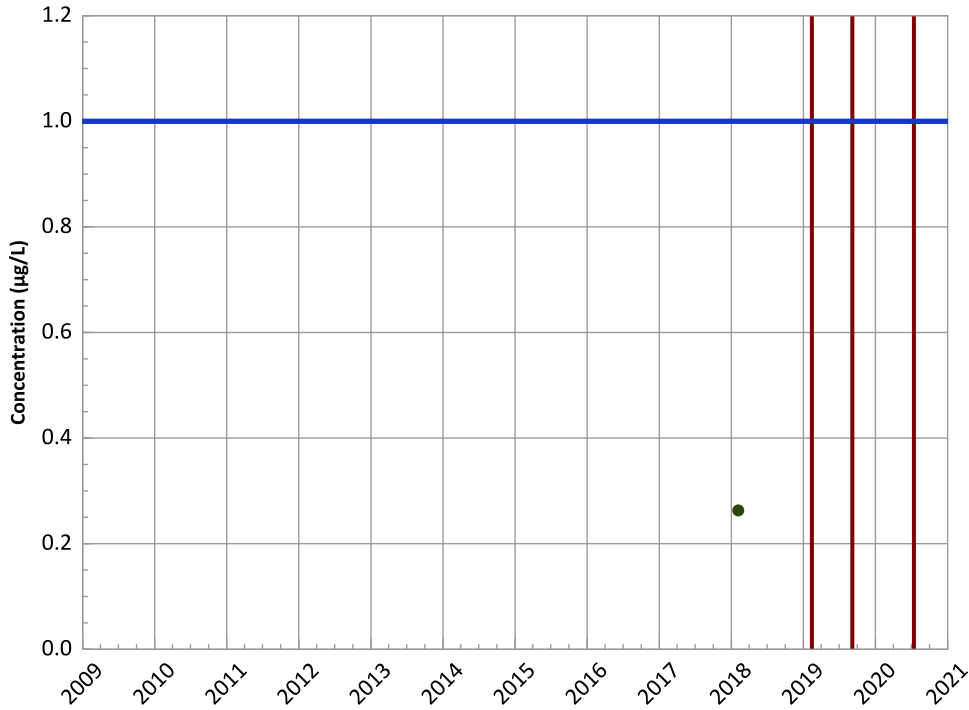


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

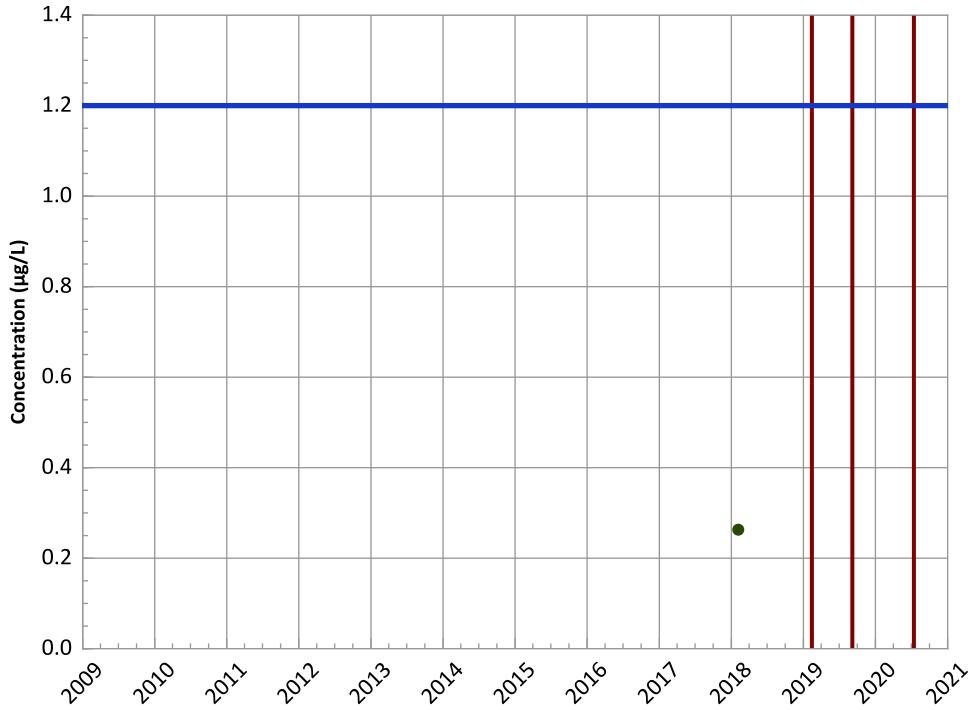


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

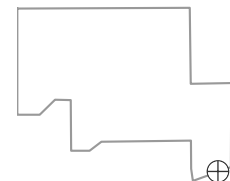


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

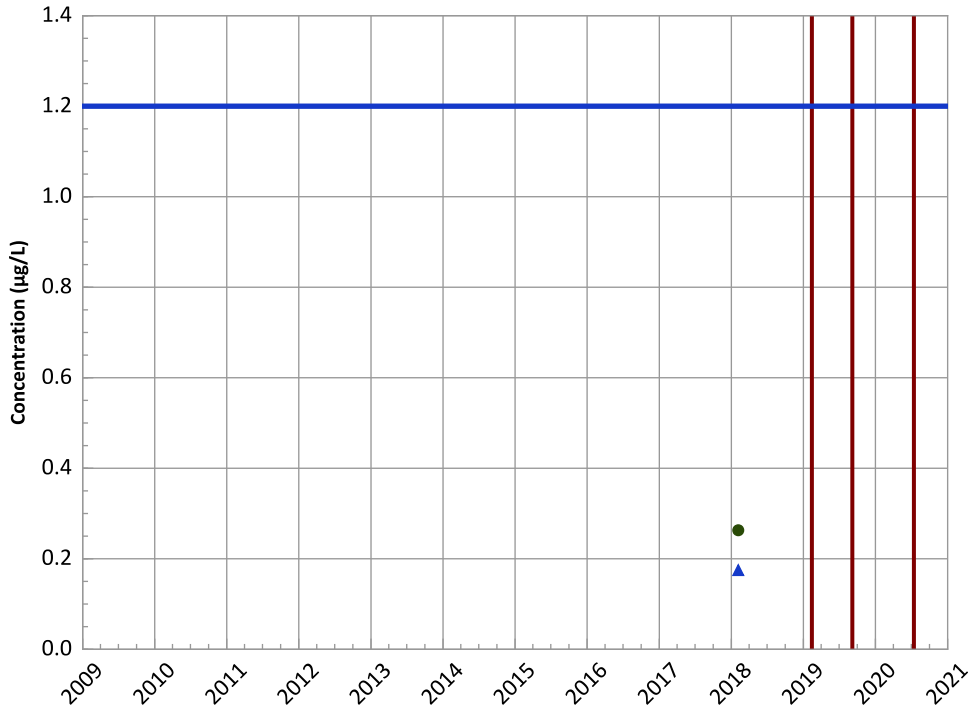


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

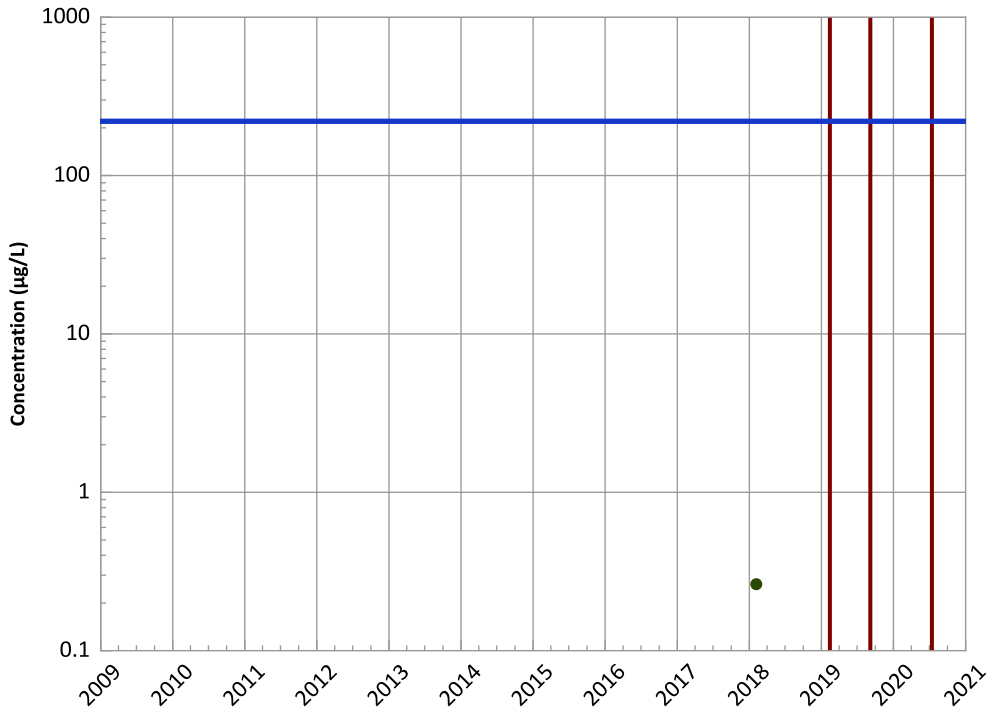


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

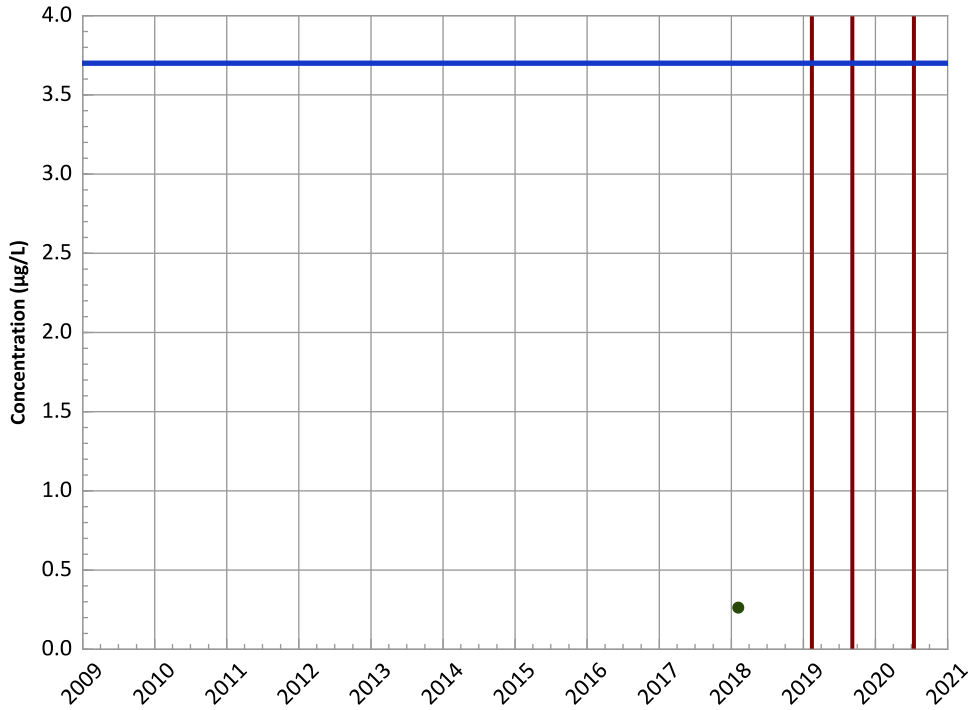


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

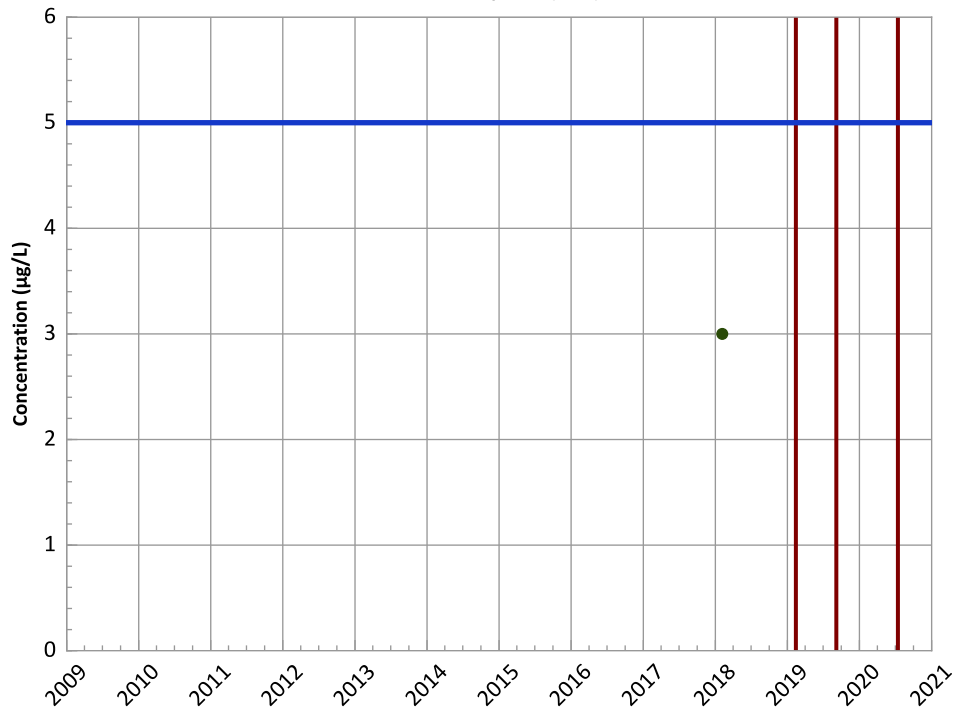


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

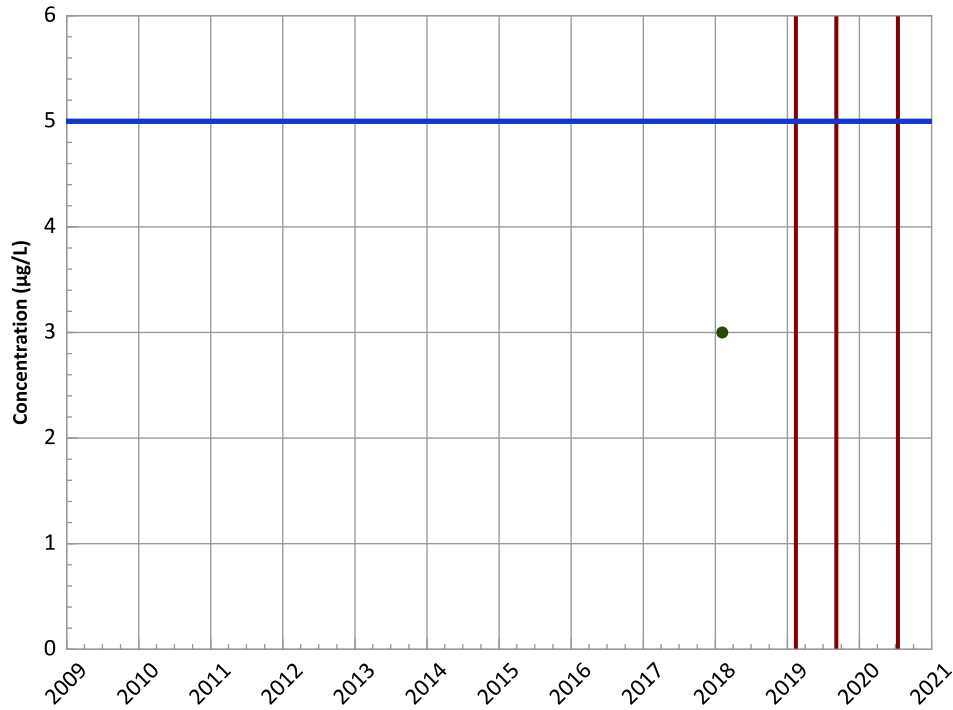


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

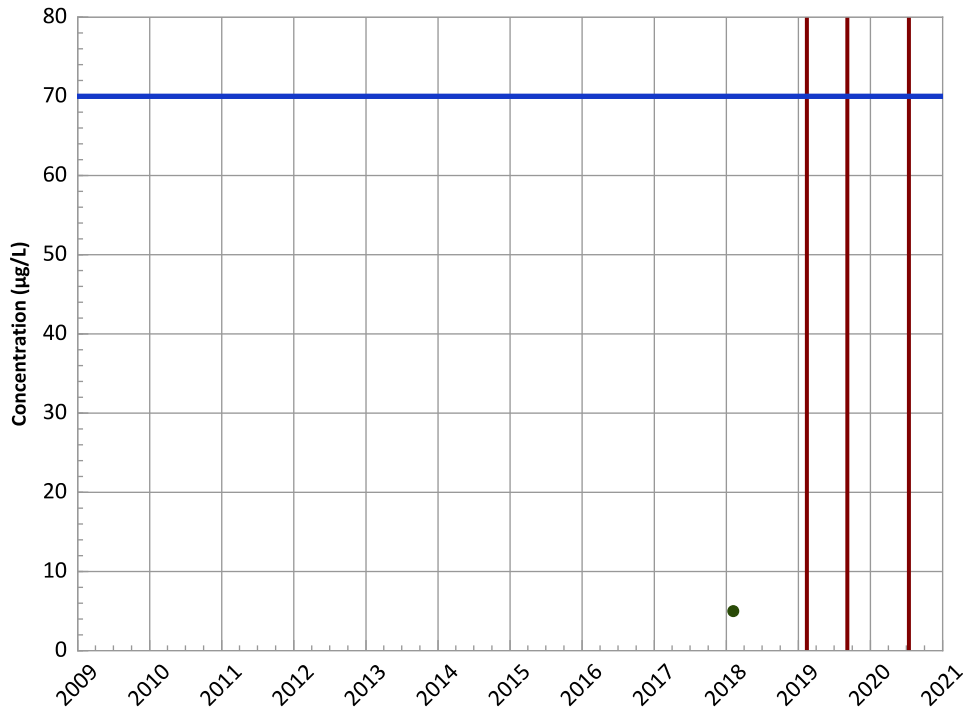


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

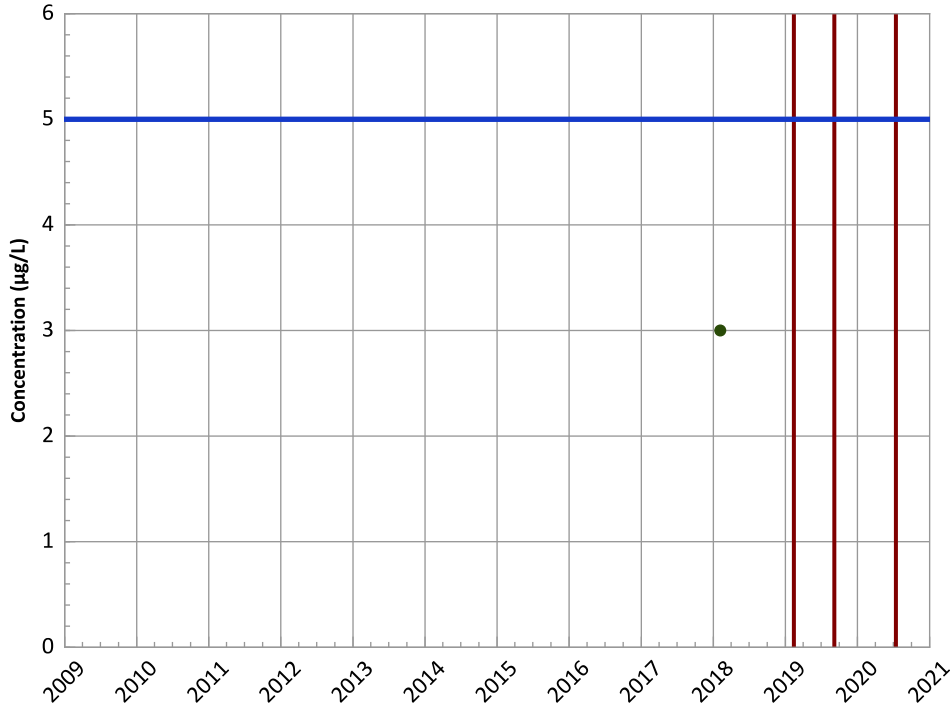


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

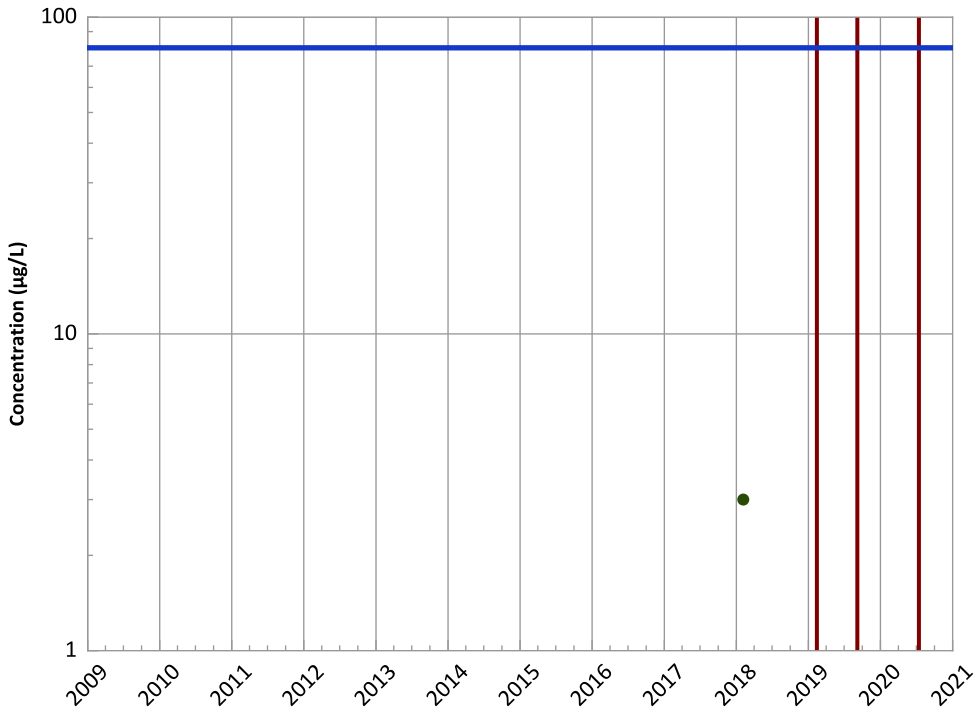


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

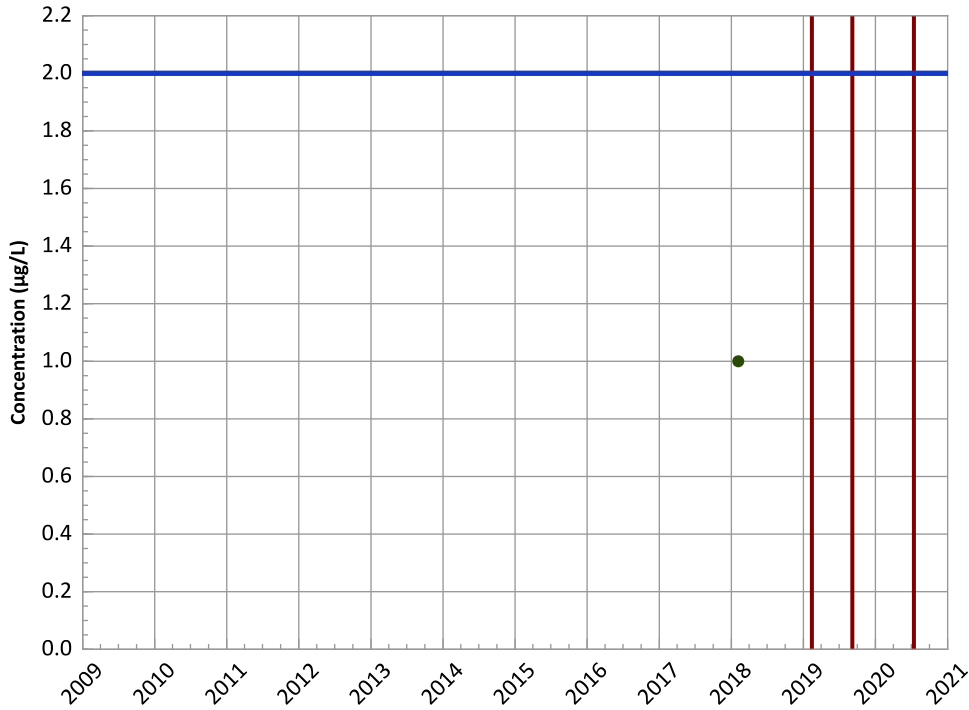
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

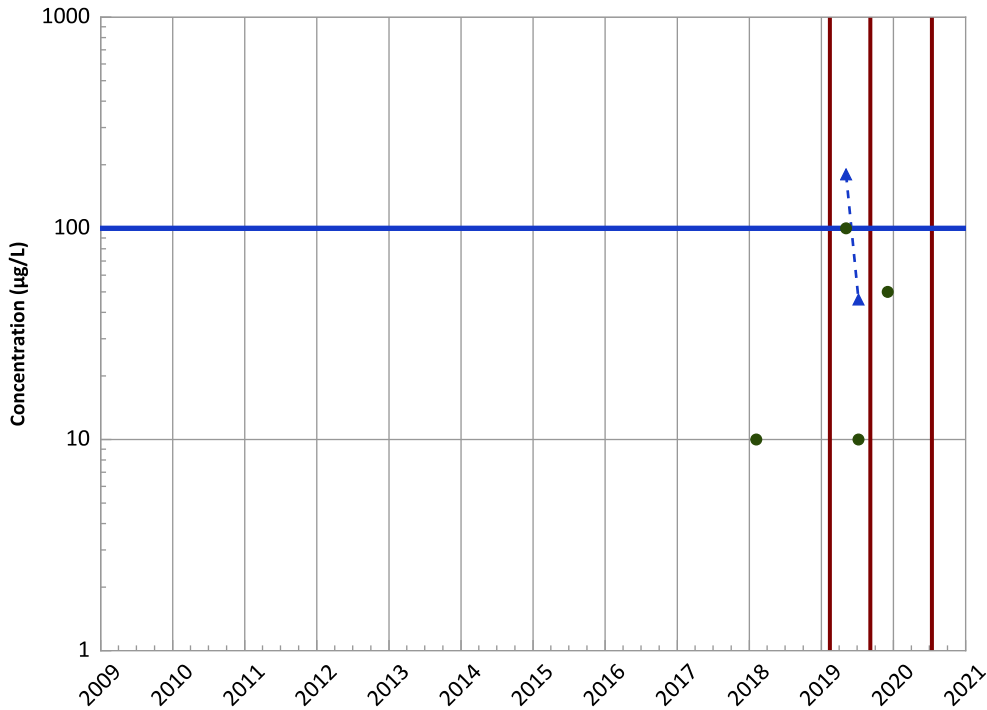


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Well Location

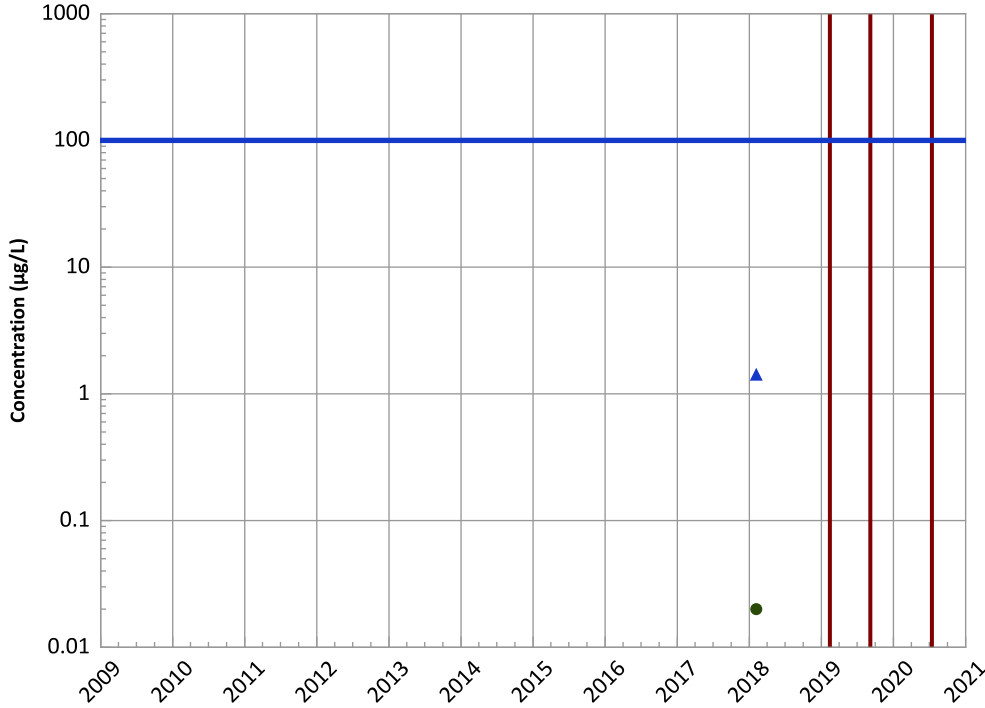


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

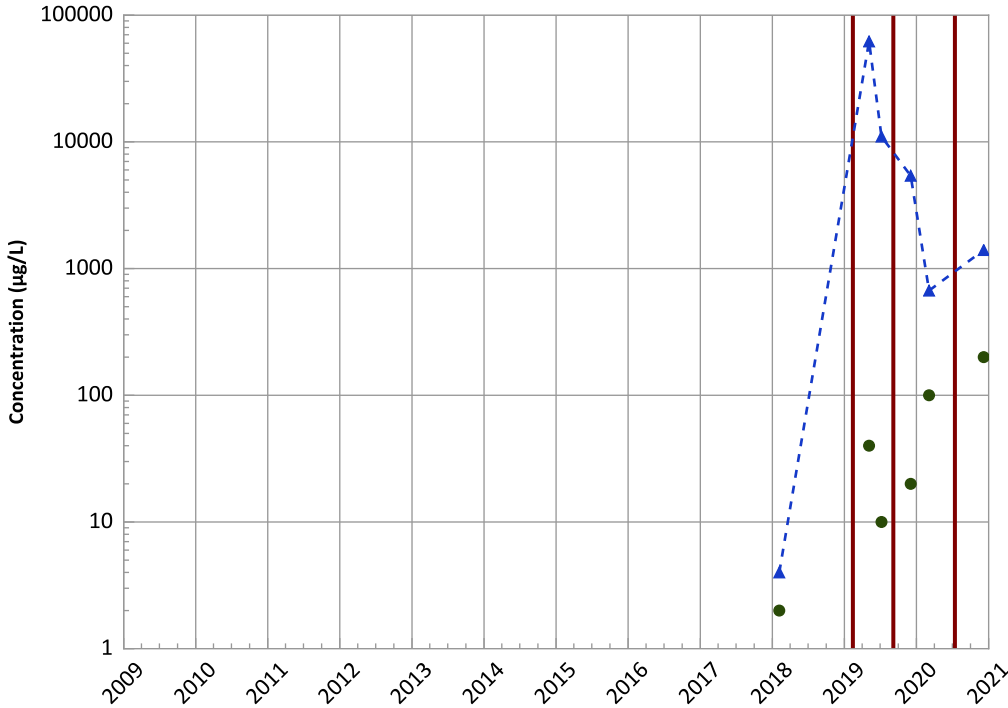
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

Decreasing' 'Decreasing

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

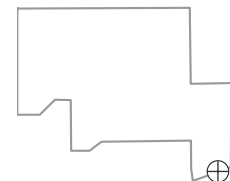
Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

No Trend' 'No Trend

Well Location

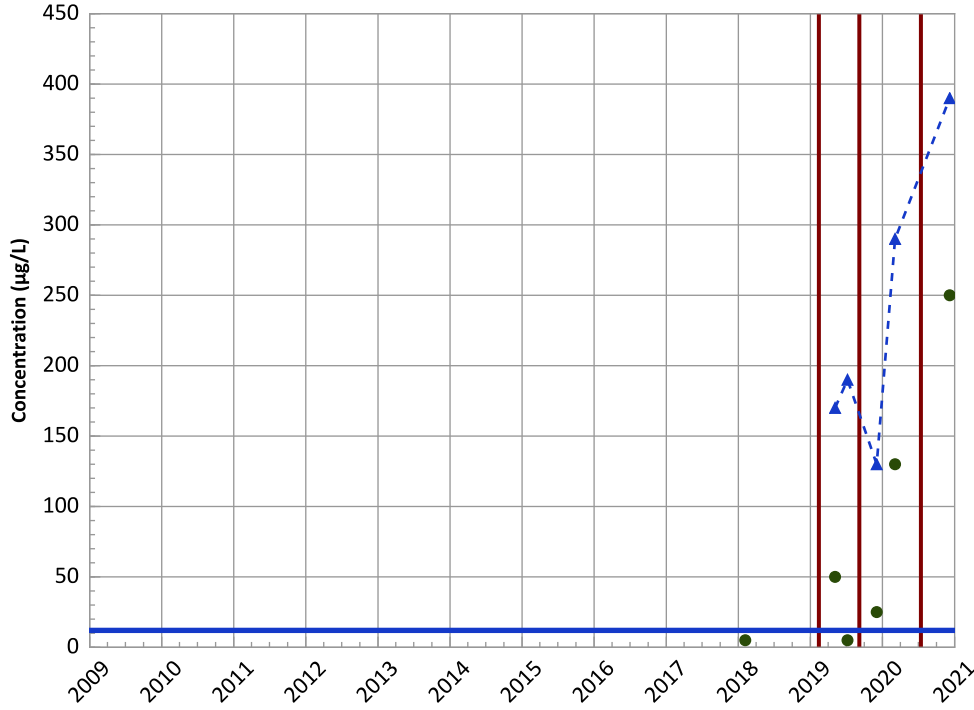


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

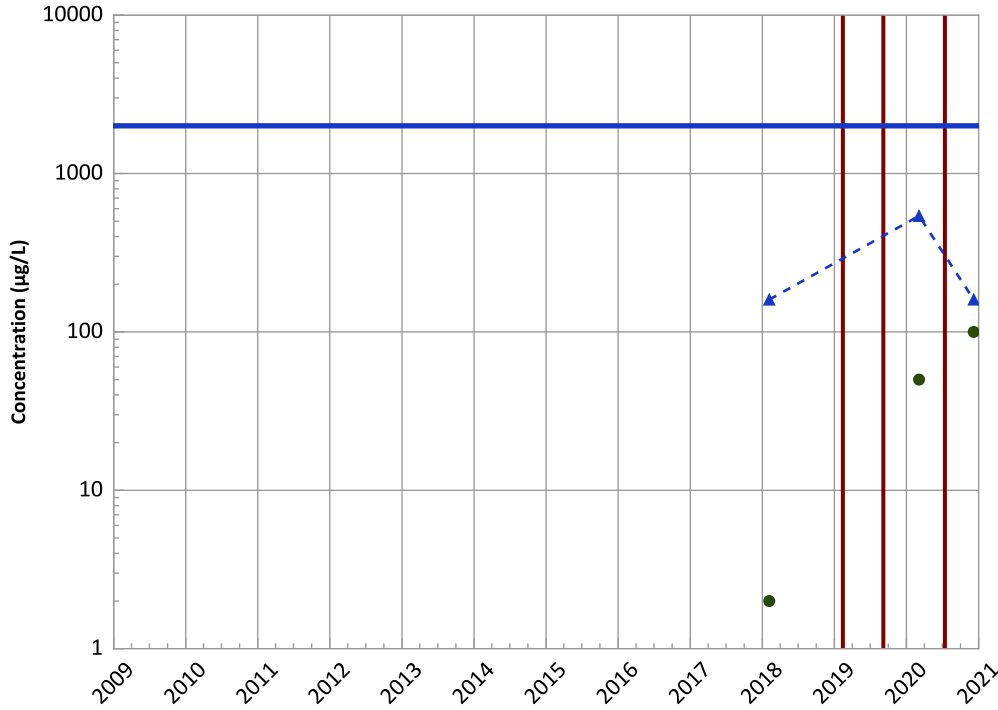


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Probably Increasing

Barium Trend

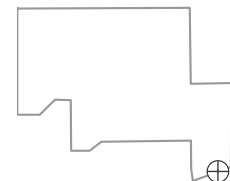


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

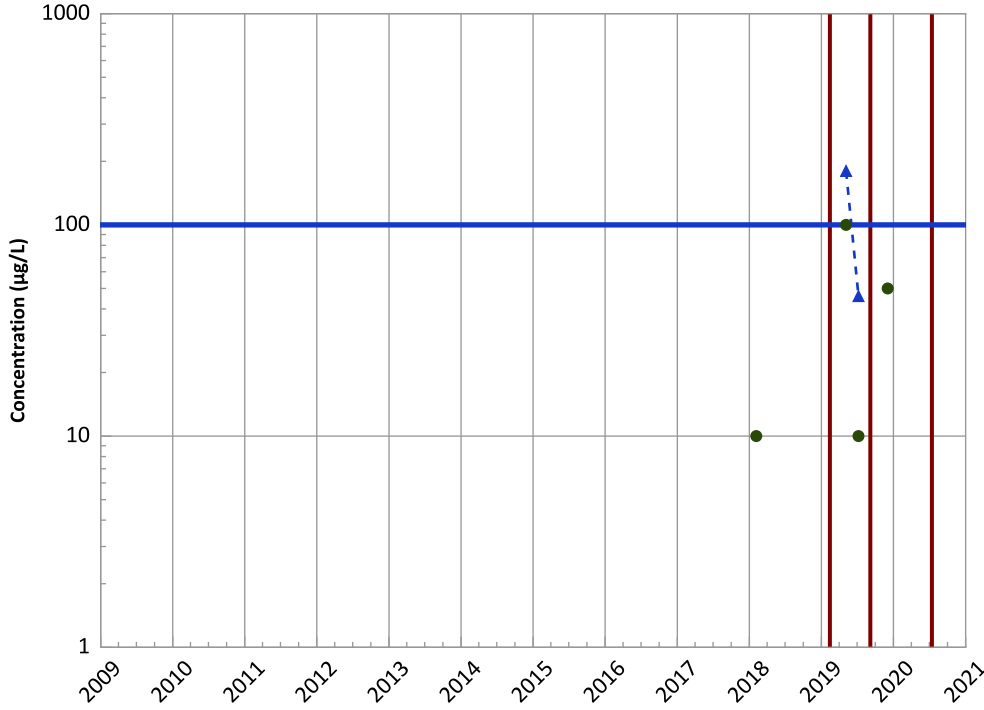


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

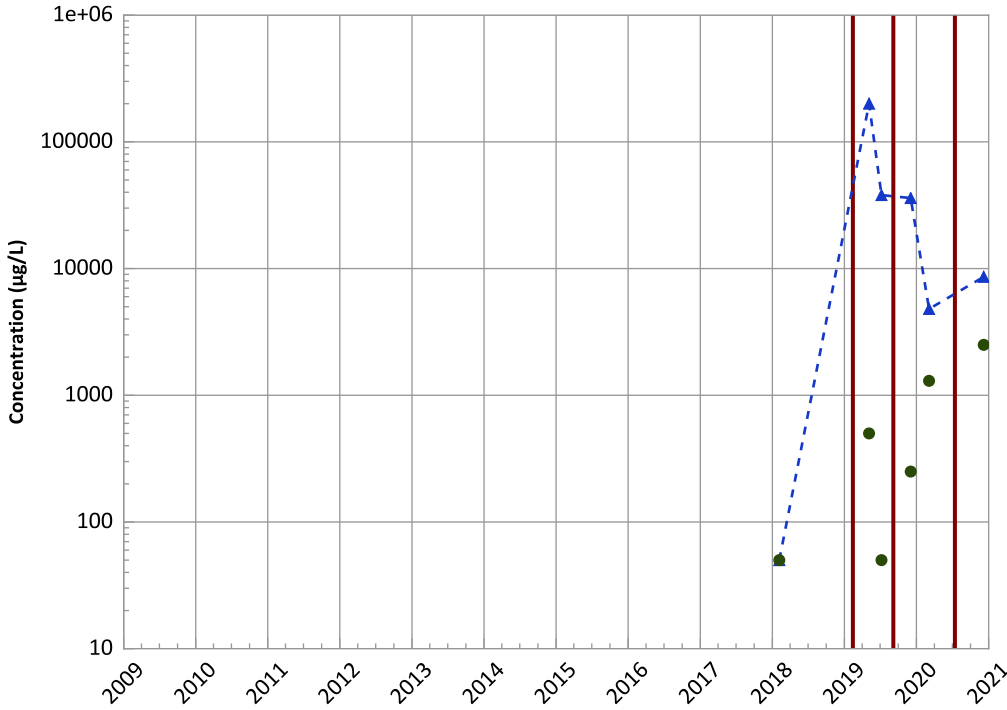


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Iron Trend

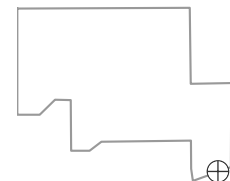


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

Well Location

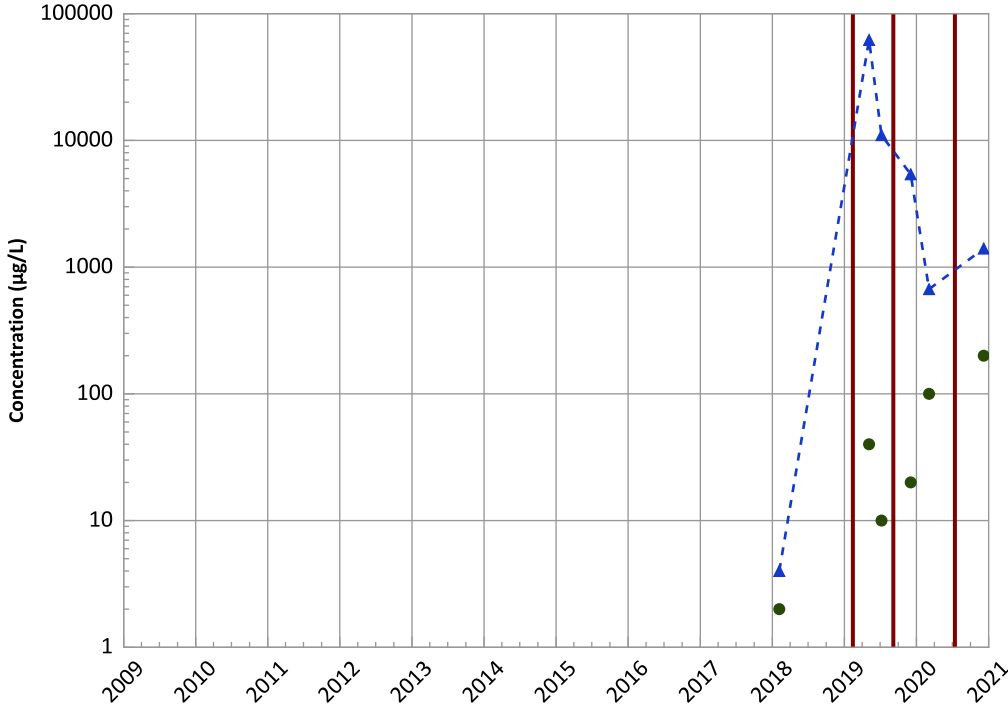


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

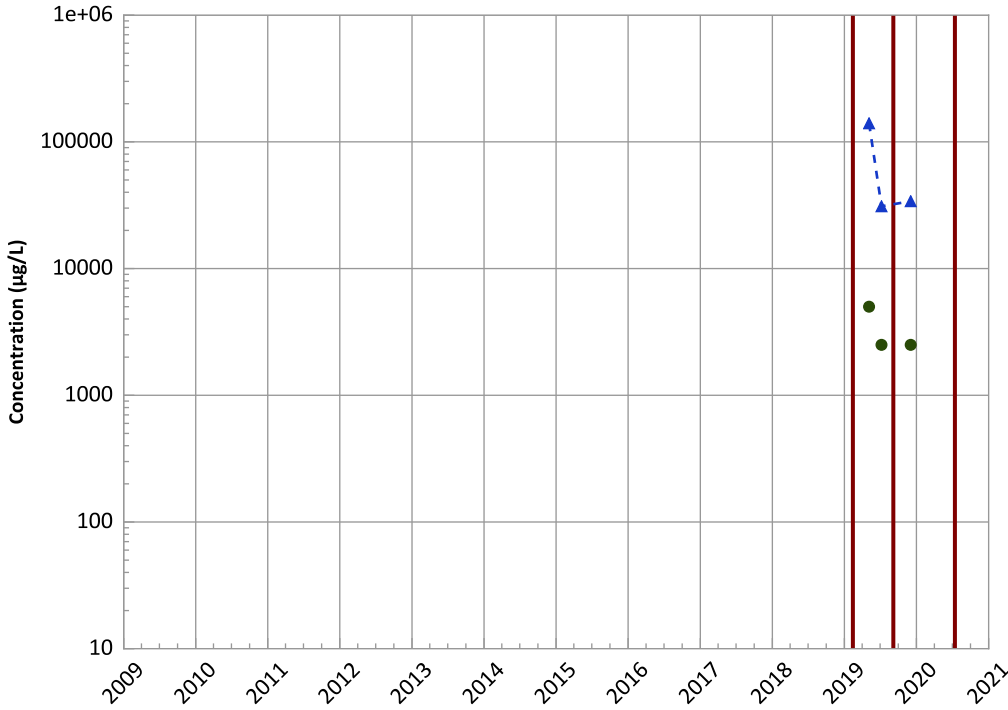


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing' 'Decreasing
2018 - 2020 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend' 'No Trend
2018 - 2020 Data:
No Trend' 'No Trend

Ferrous Iron Trend

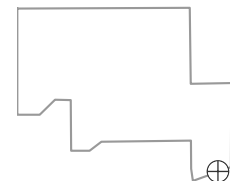


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

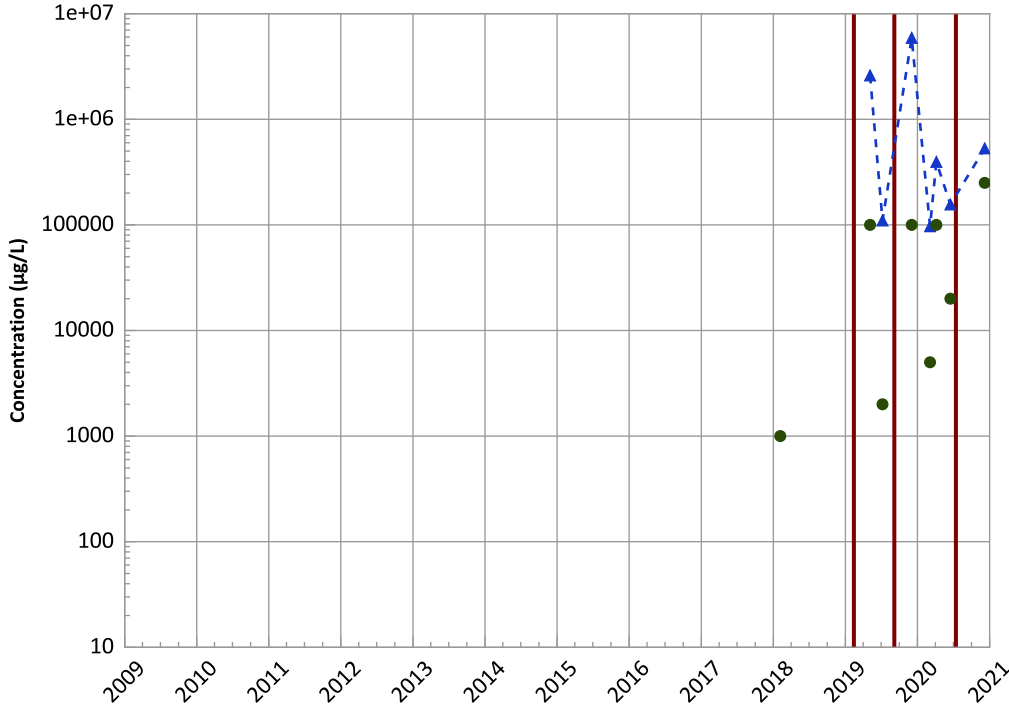


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

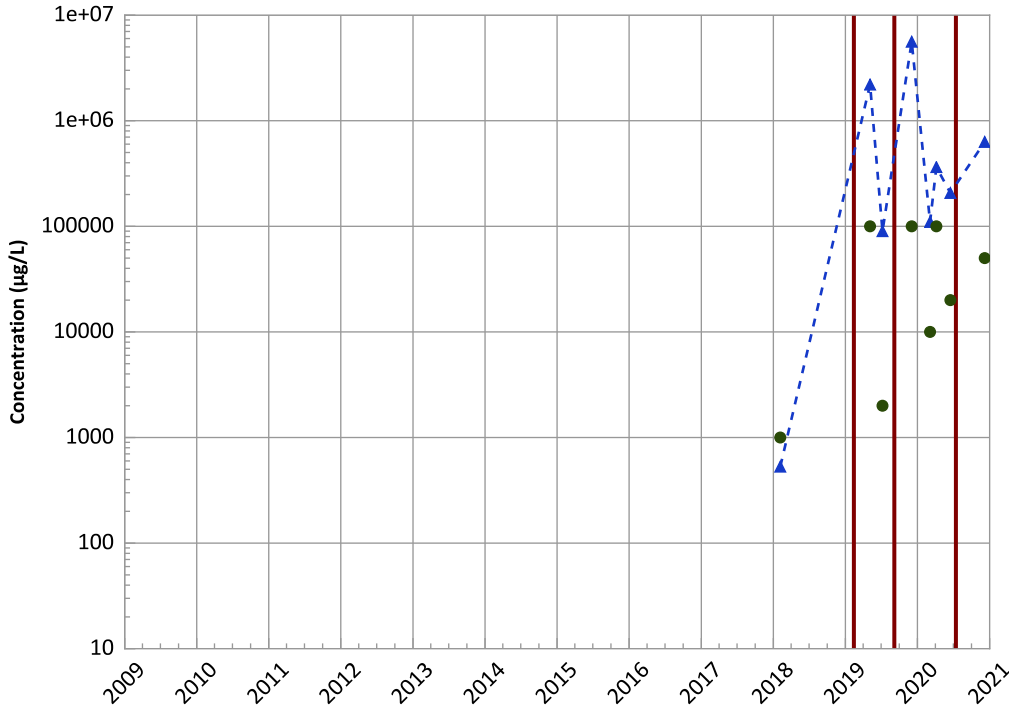


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Probably Increasing

Well Location

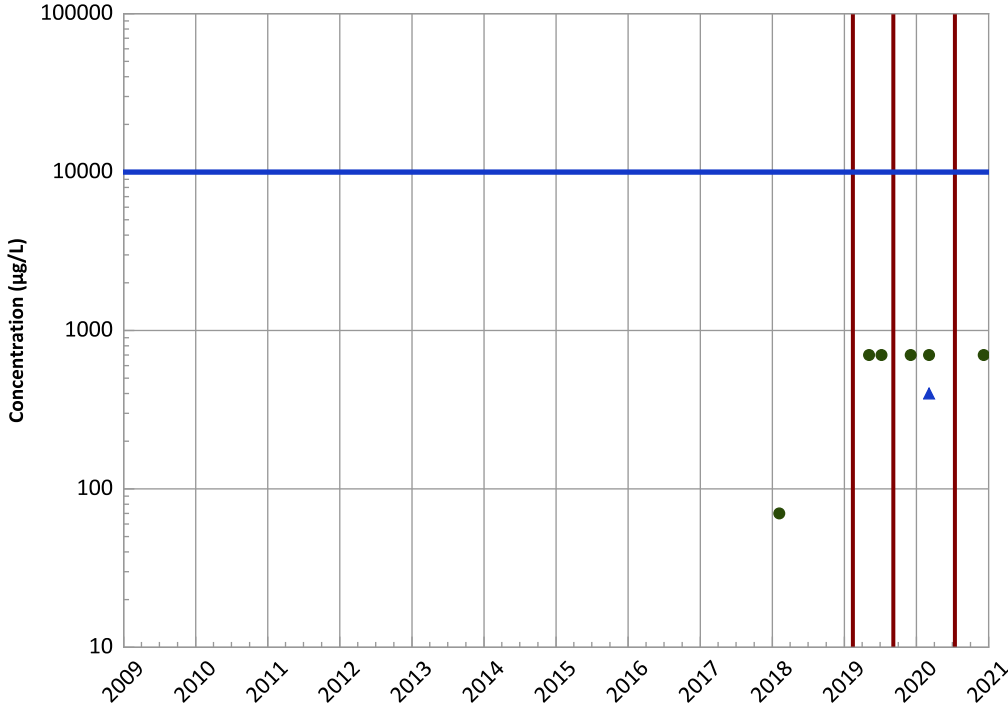


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ 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

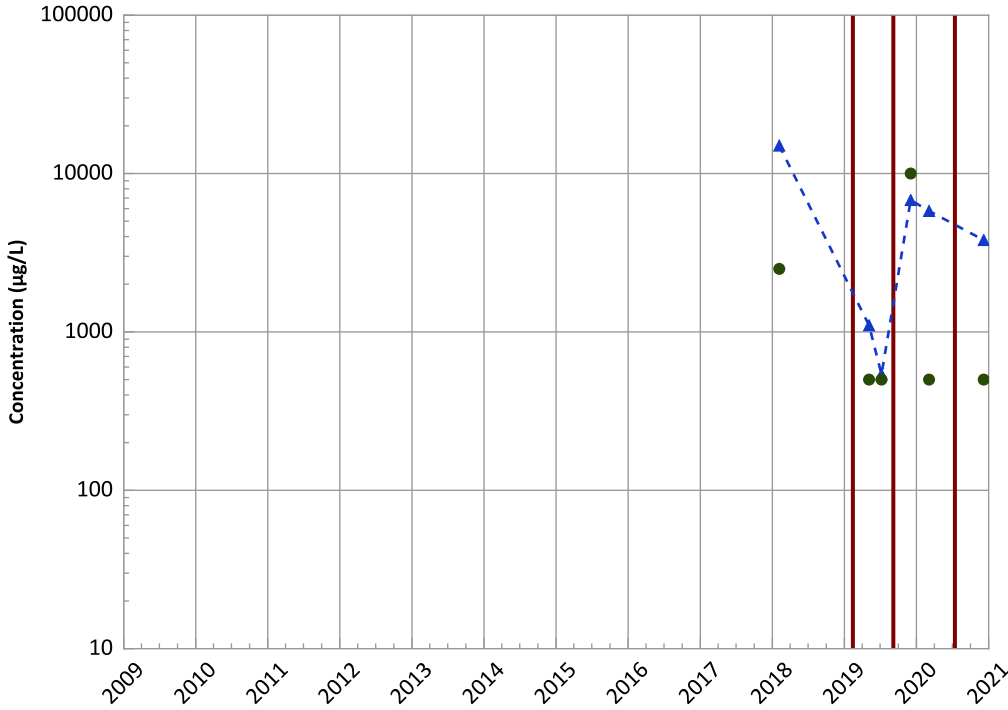


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Stable
2018 - 2020 Data:
Probably Increasing

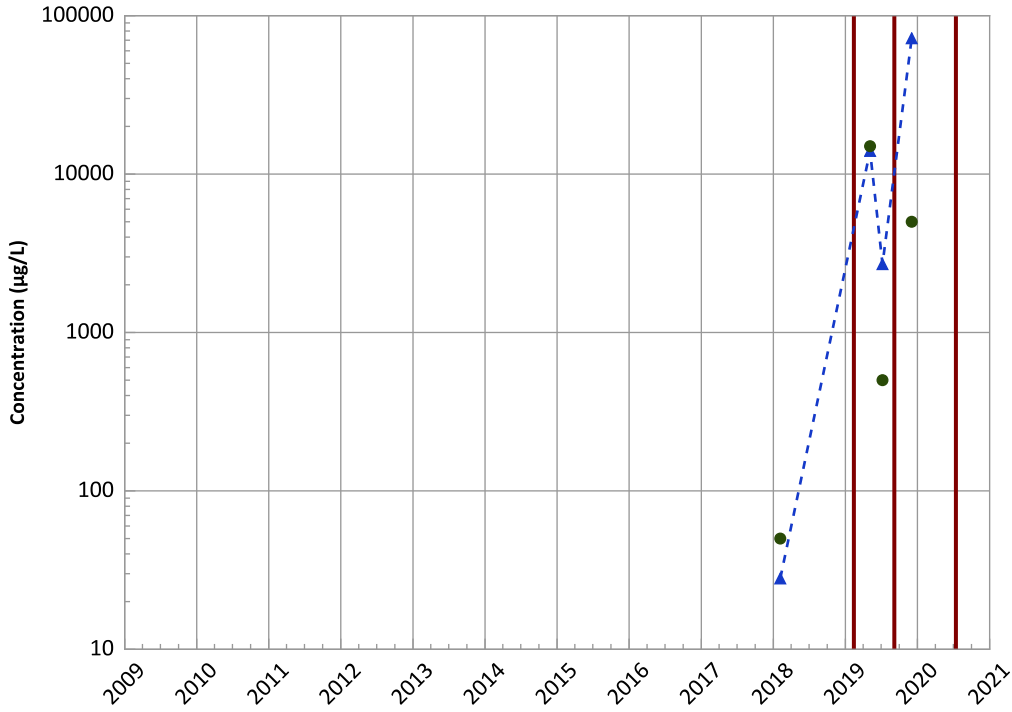
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 02/05/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Phosphorus, Total (as P) Trend

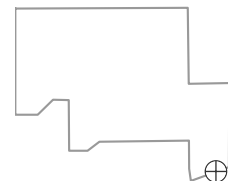


Concentration Trend
 MAROS Mann-Kendall Method
 Data (7/2009 - 12/2020):
 No Trend
 2018 - 2020 Data:
 No Trend
 MAROS Linear Regression Method
 Data (7/2009 - 12/2020):
 Increasing
 2018 - 2020 Data:
 Increasing

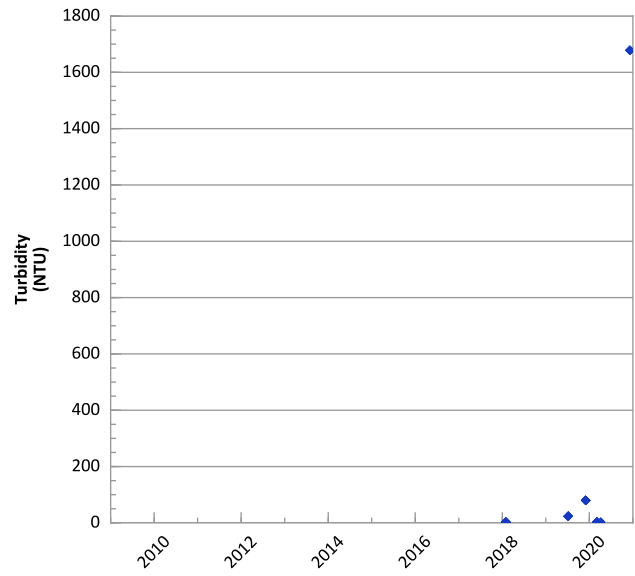
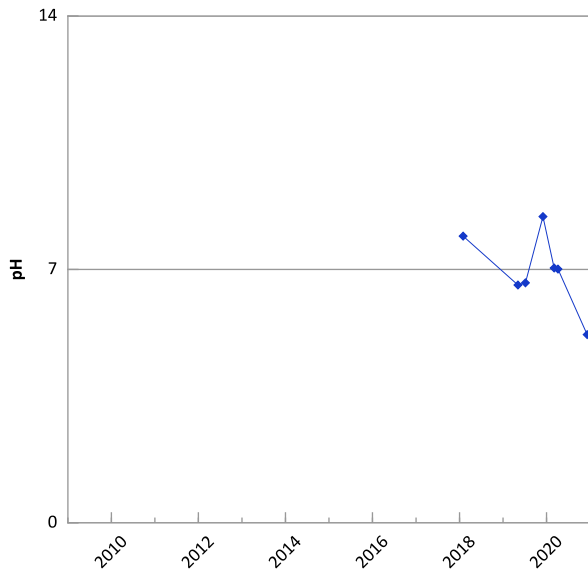
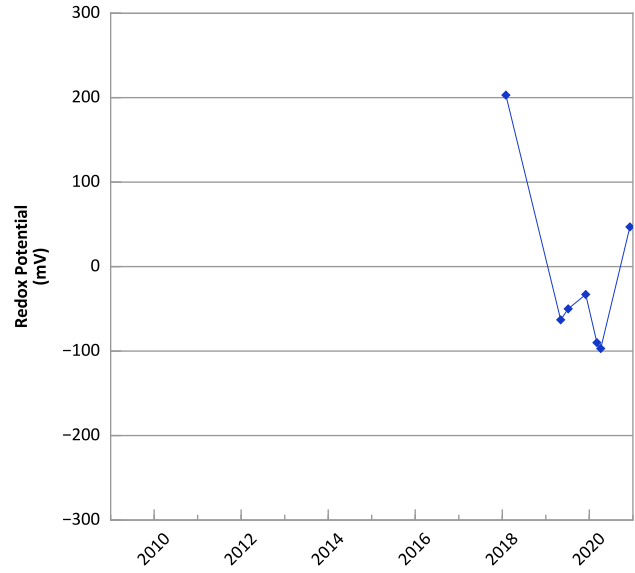
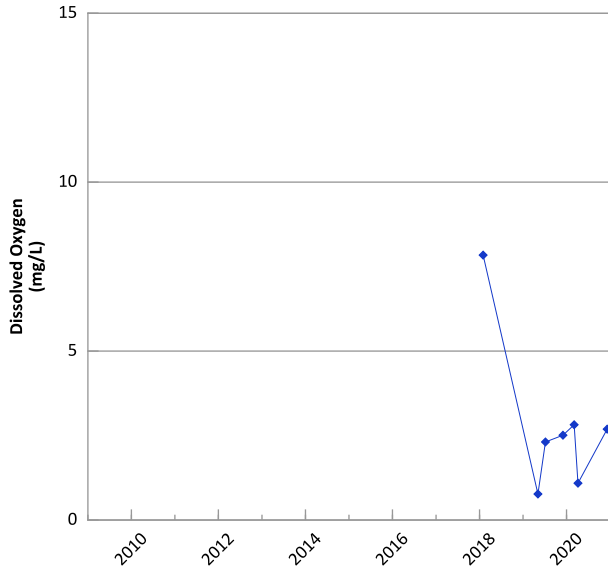
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 02/05/2018 to 12/07/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

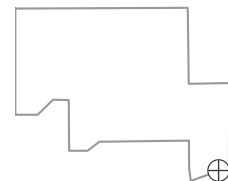


**PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



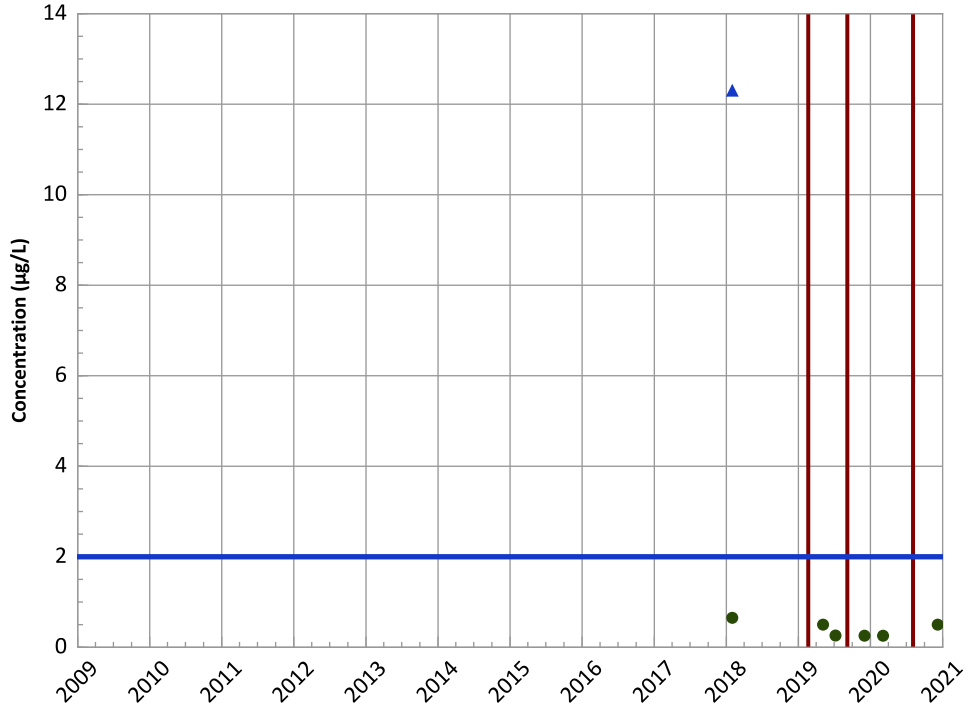
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 01/31/2018 to 12/07/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

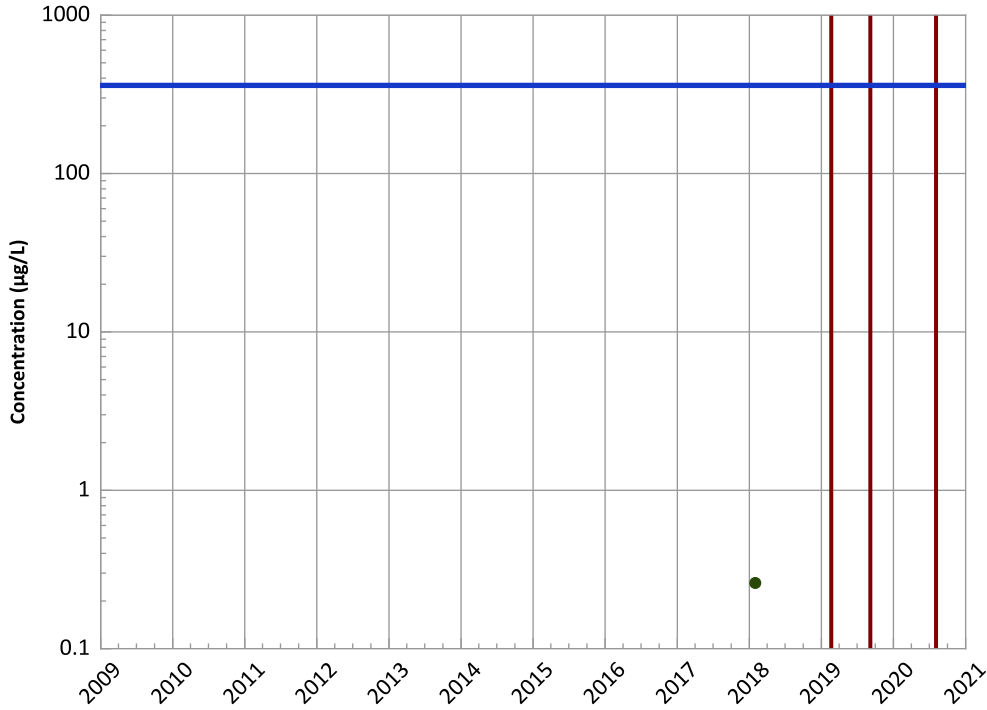


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 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 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

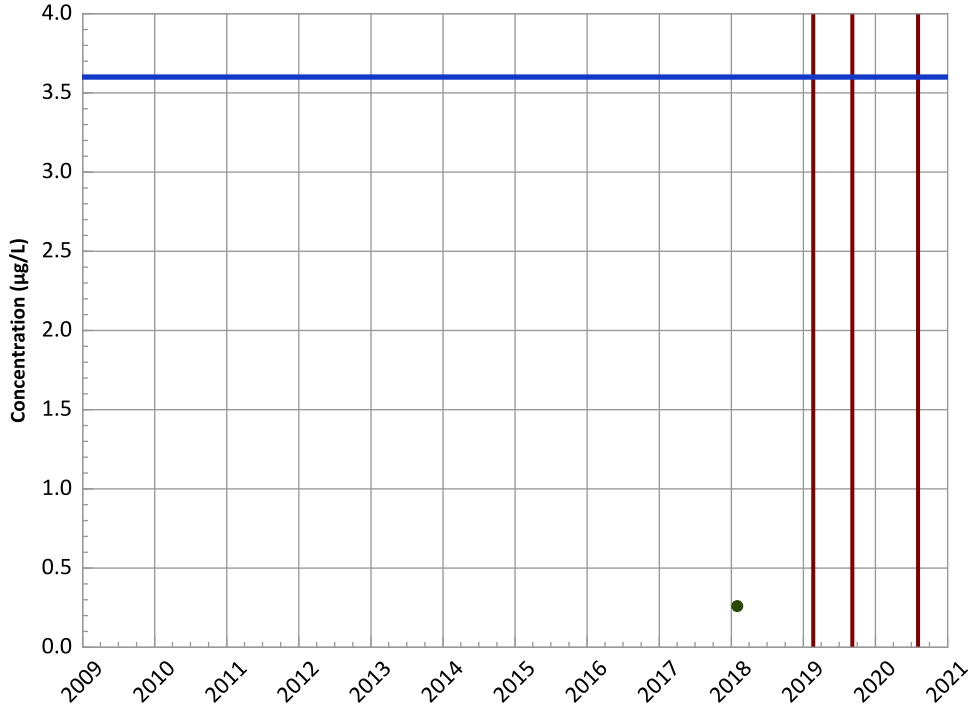


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

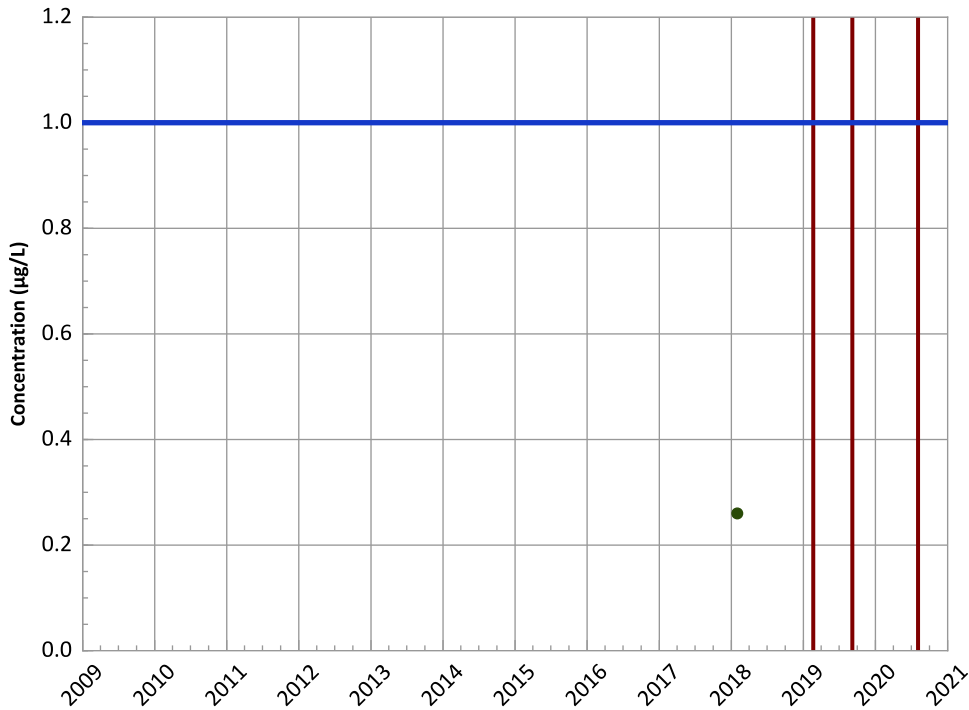


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

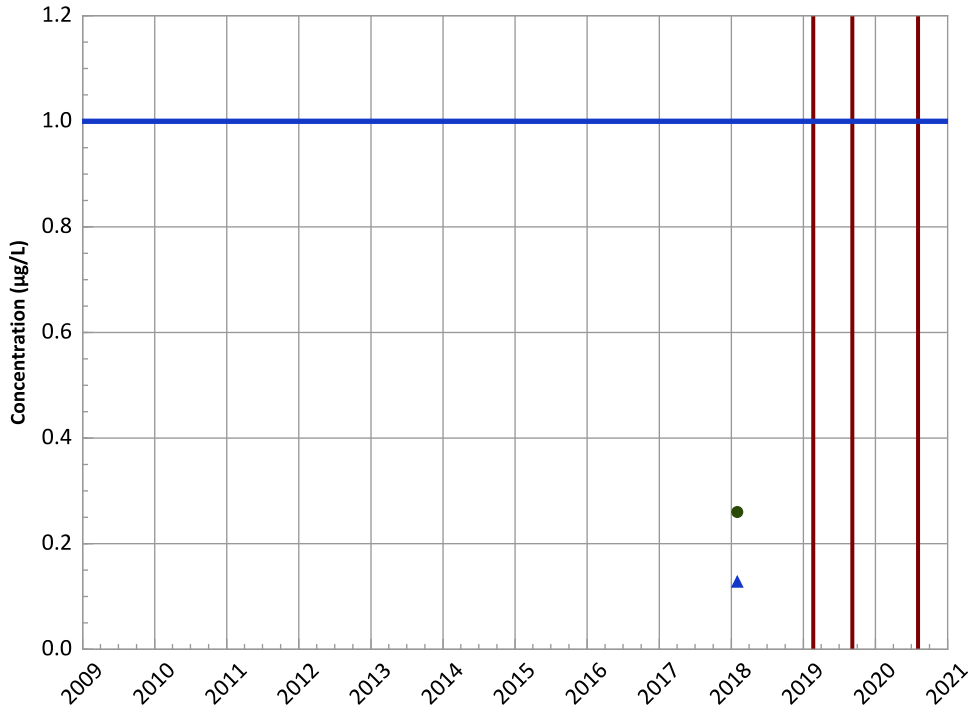


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

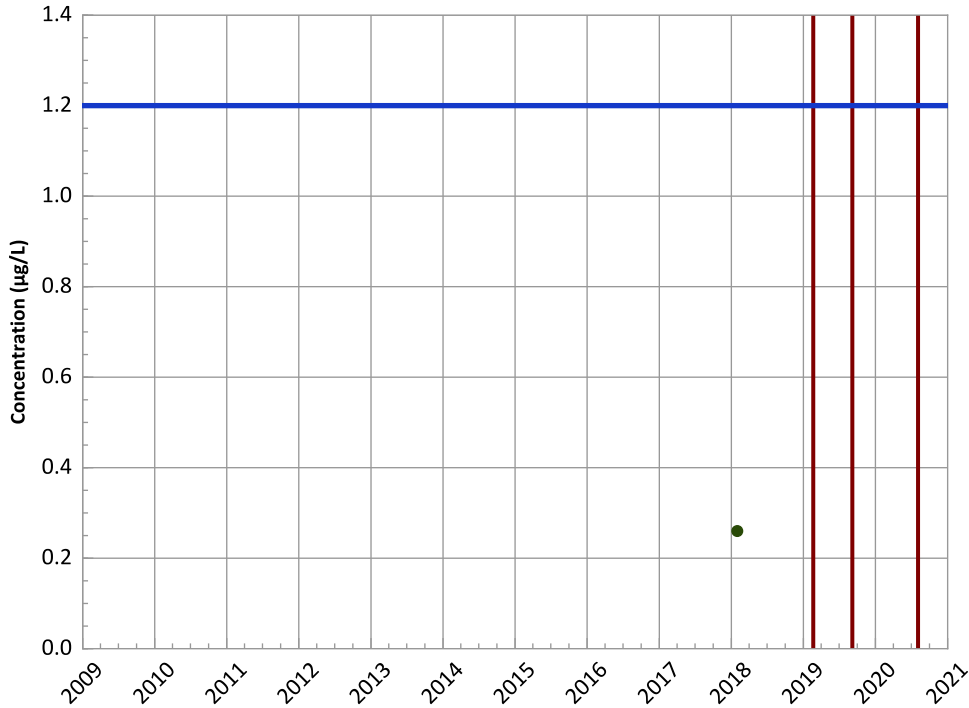


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend

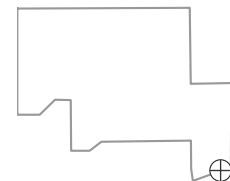


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

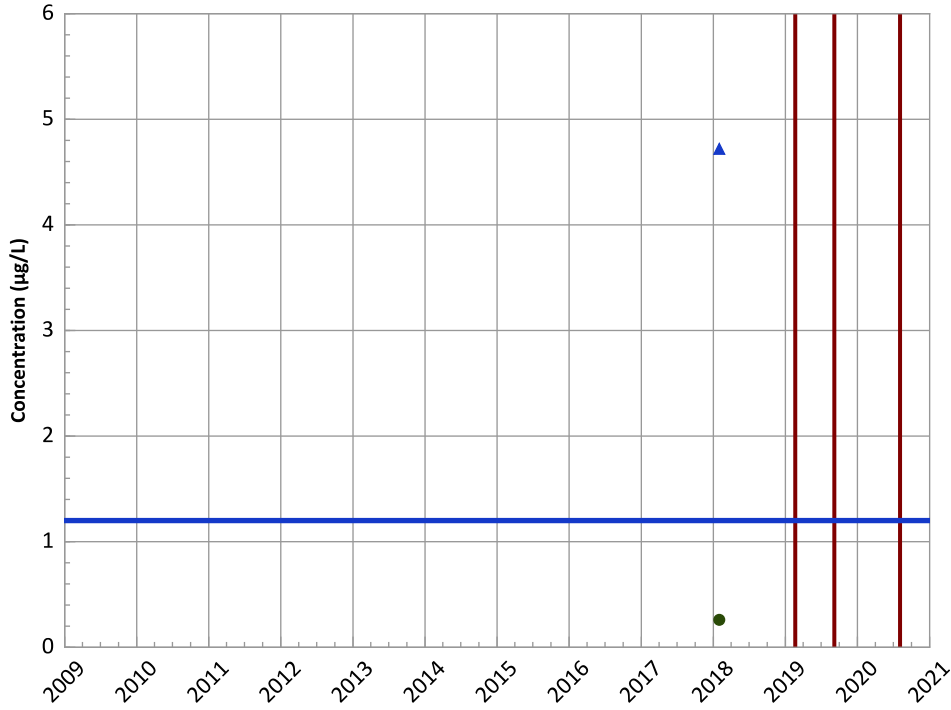


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

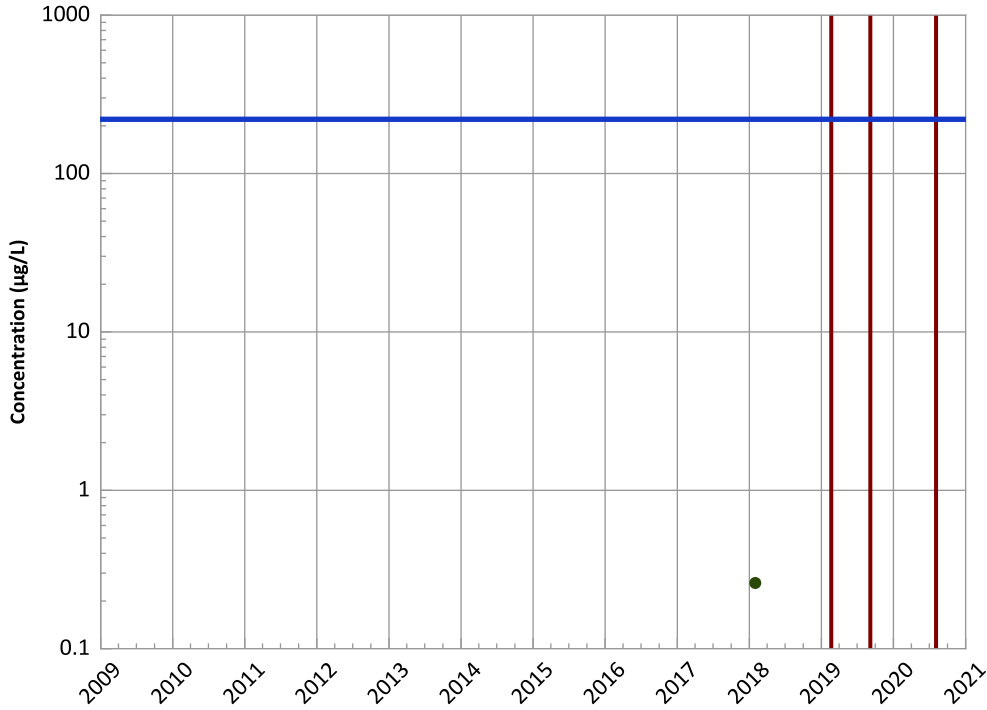


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

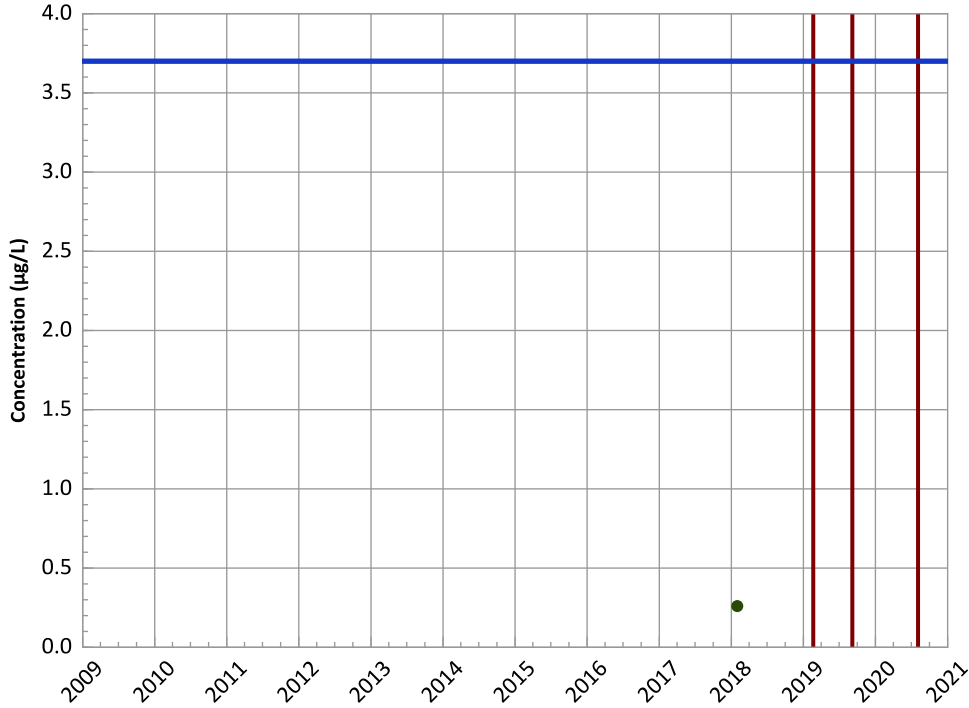


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

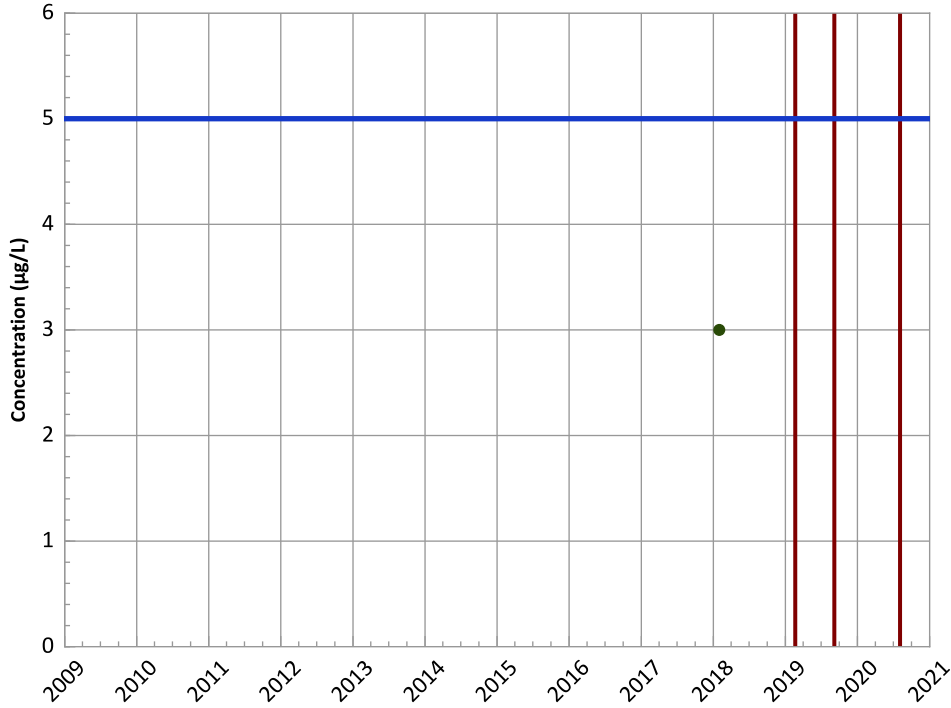
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

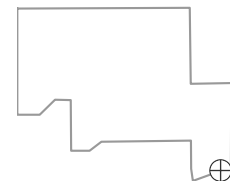
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

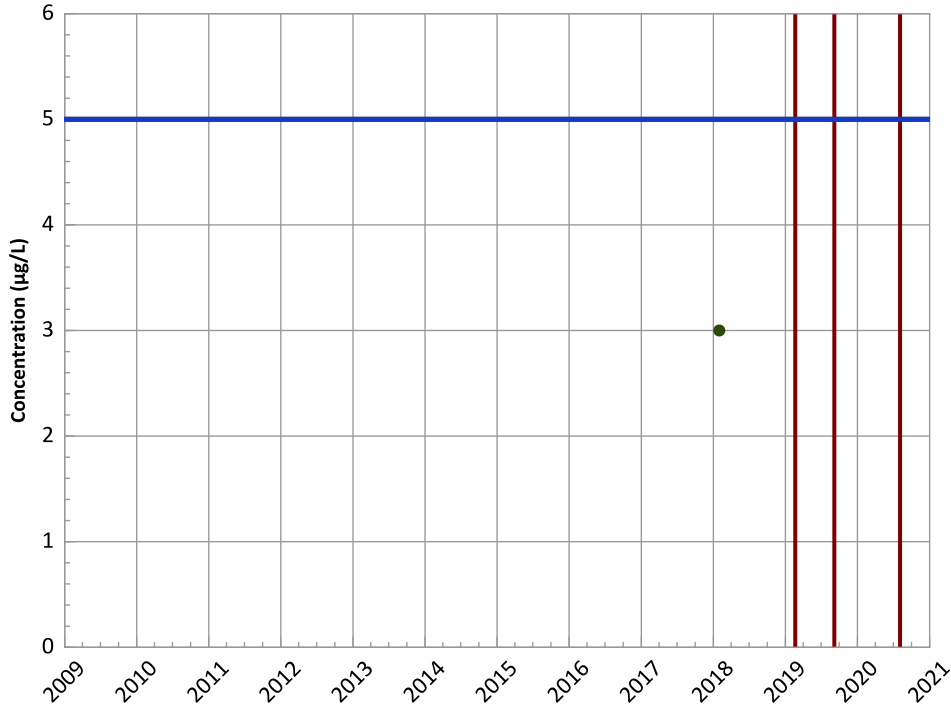


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

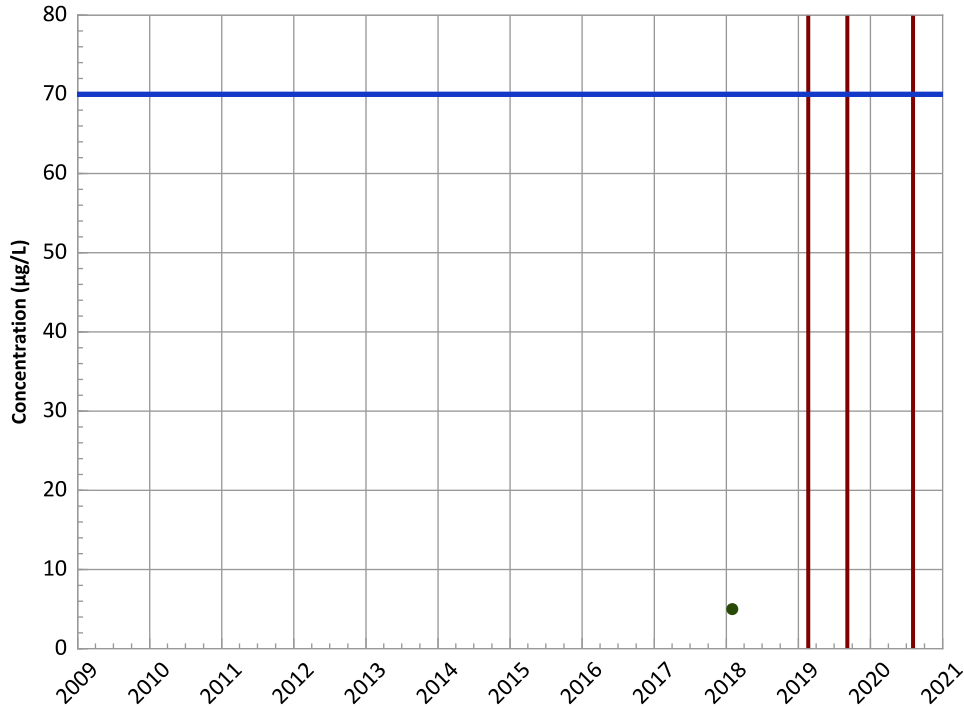


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend

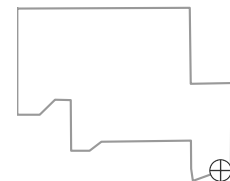


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

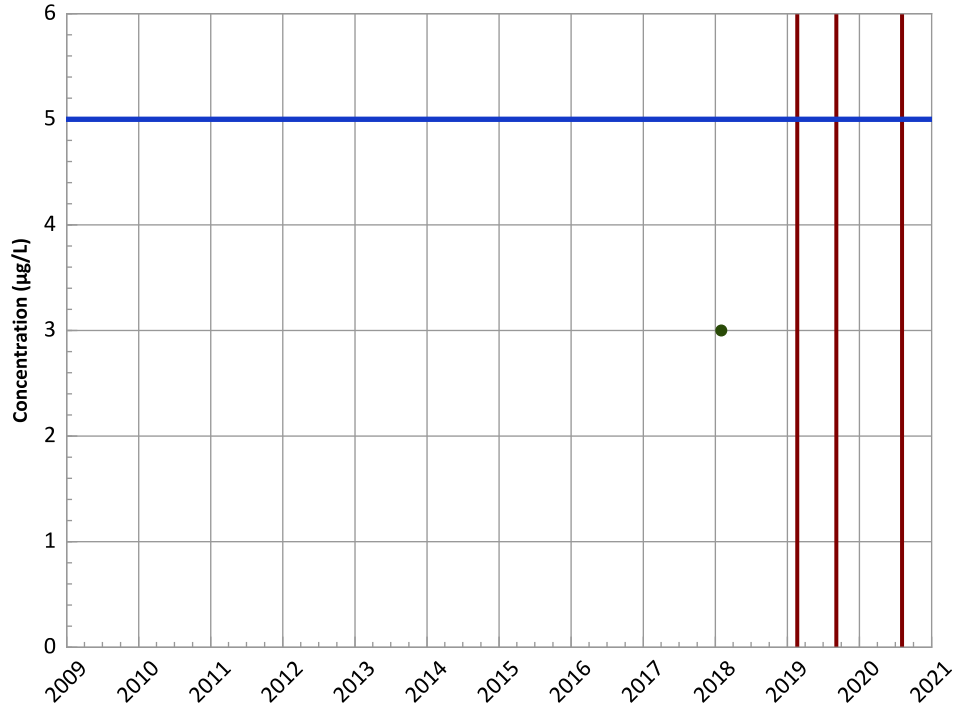


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

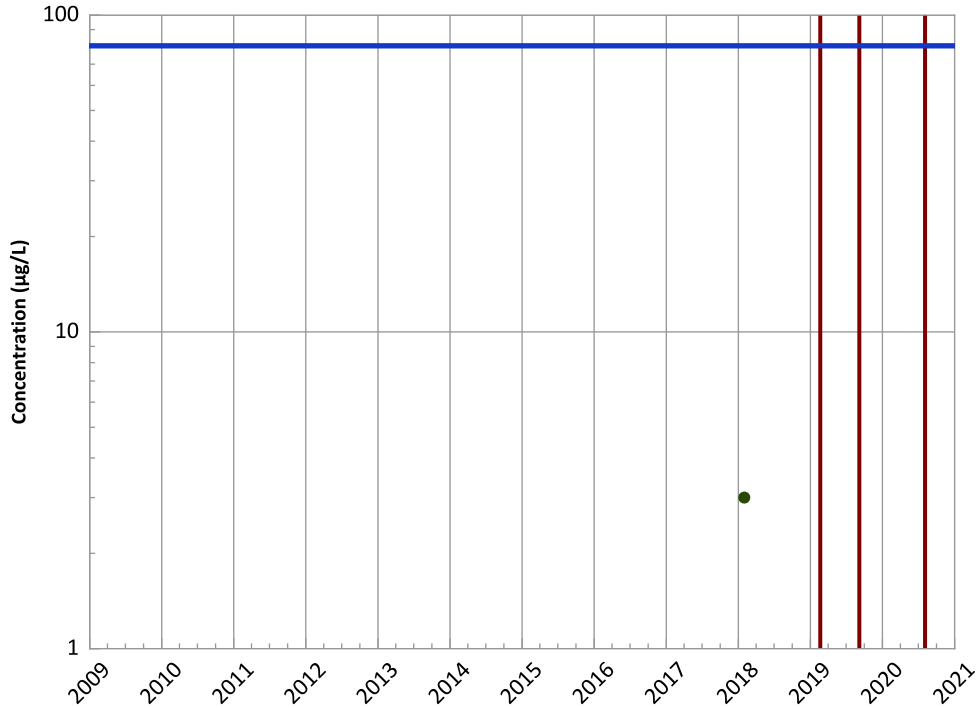
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

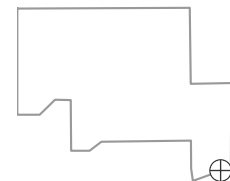
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

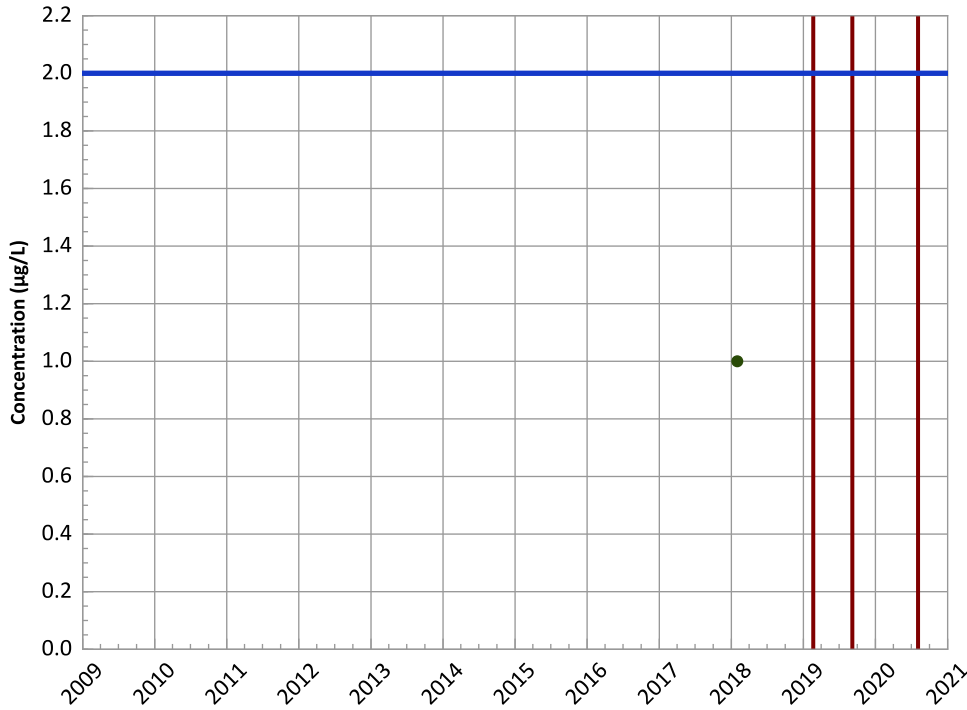
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

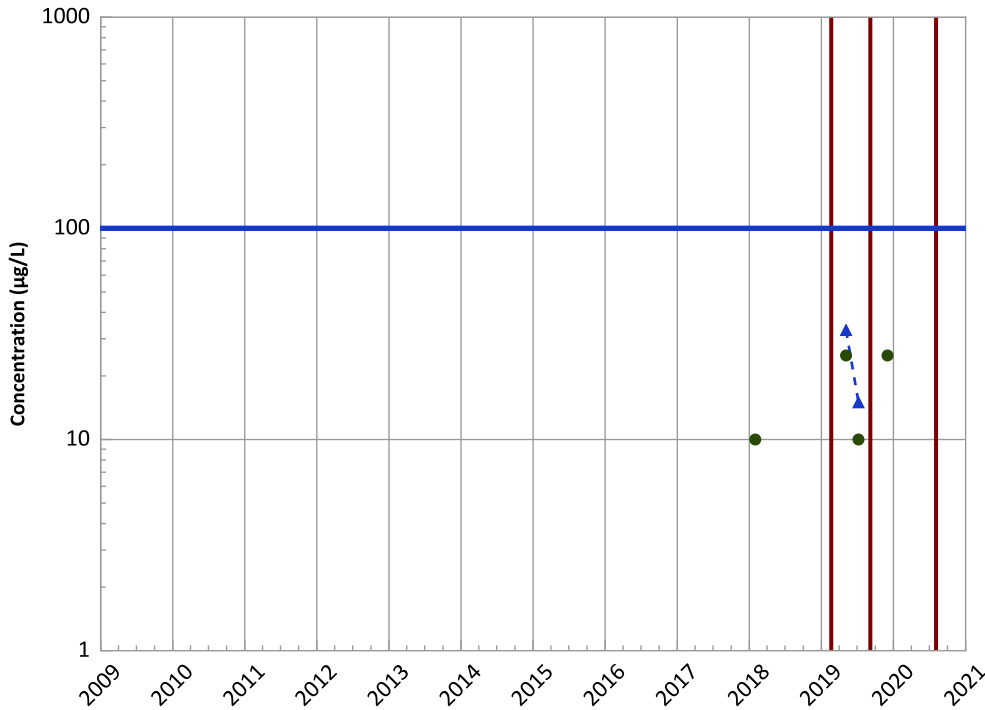


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chromium, Total Trend

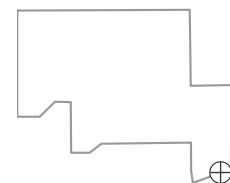


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

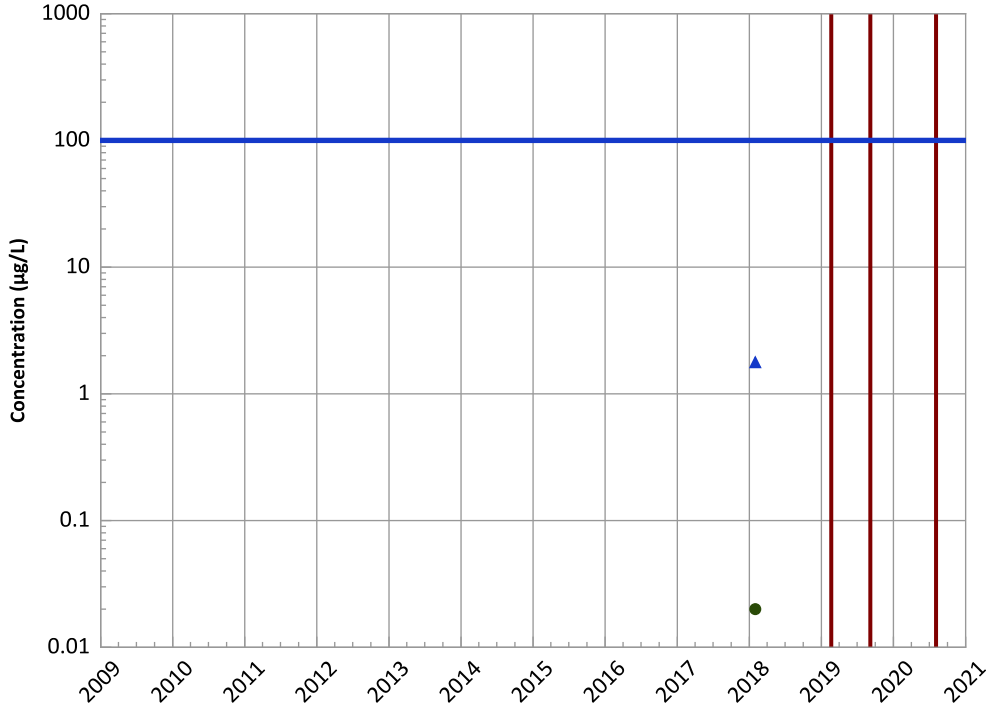


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

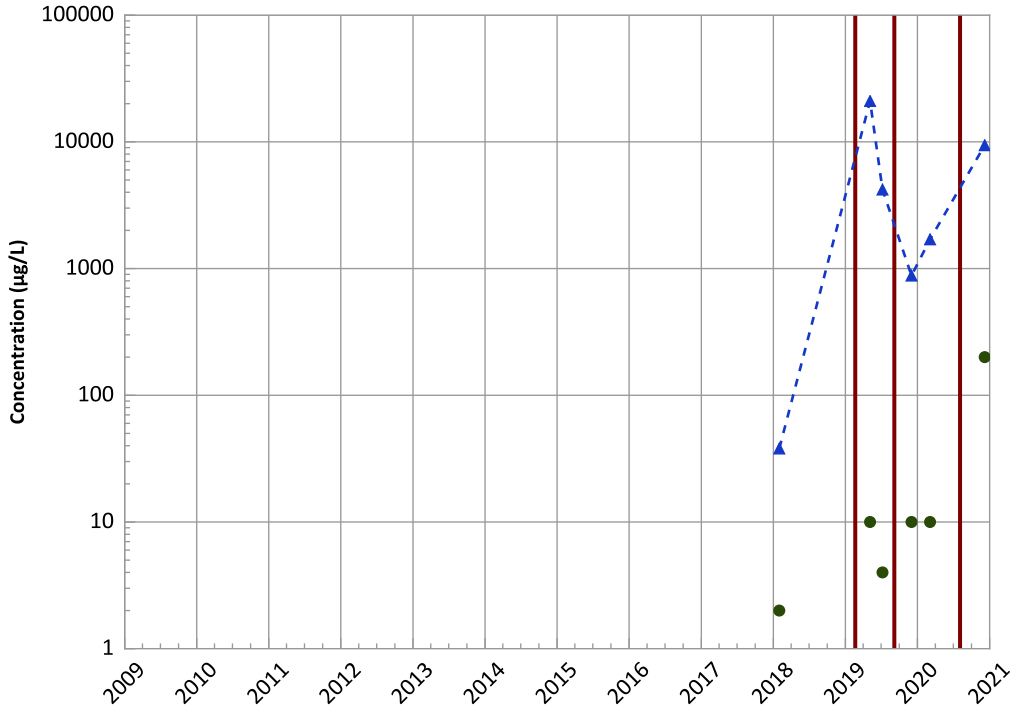


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend' No Trend
2018 - 2020 Data:
No Trend' No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing' Probably Increasing
2018 - 2020 Data:
No Trend' No Trend

Well Location

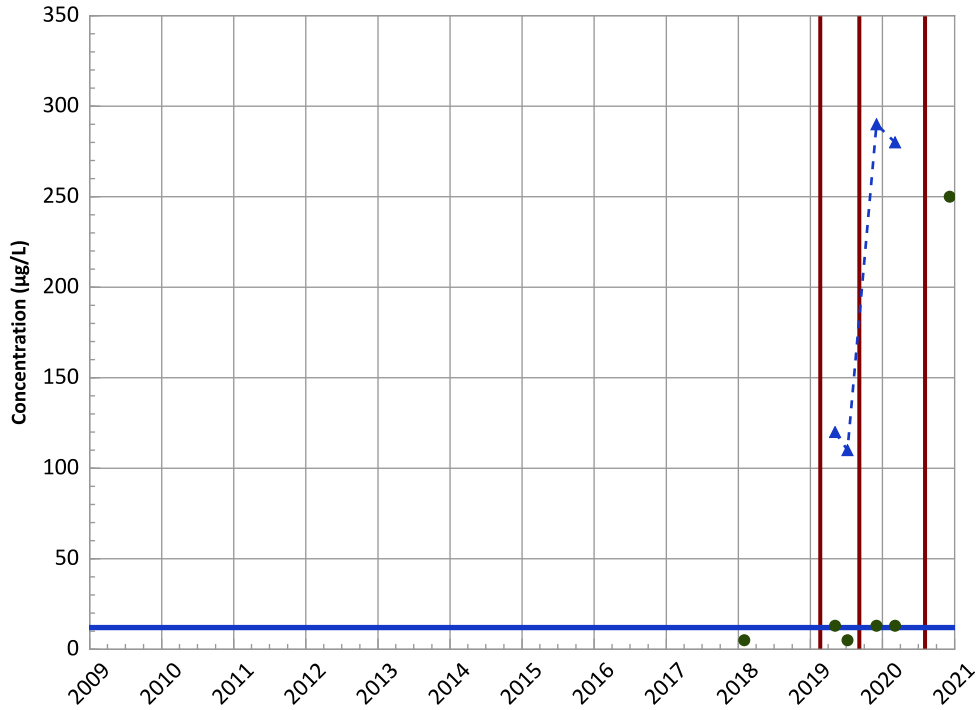


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

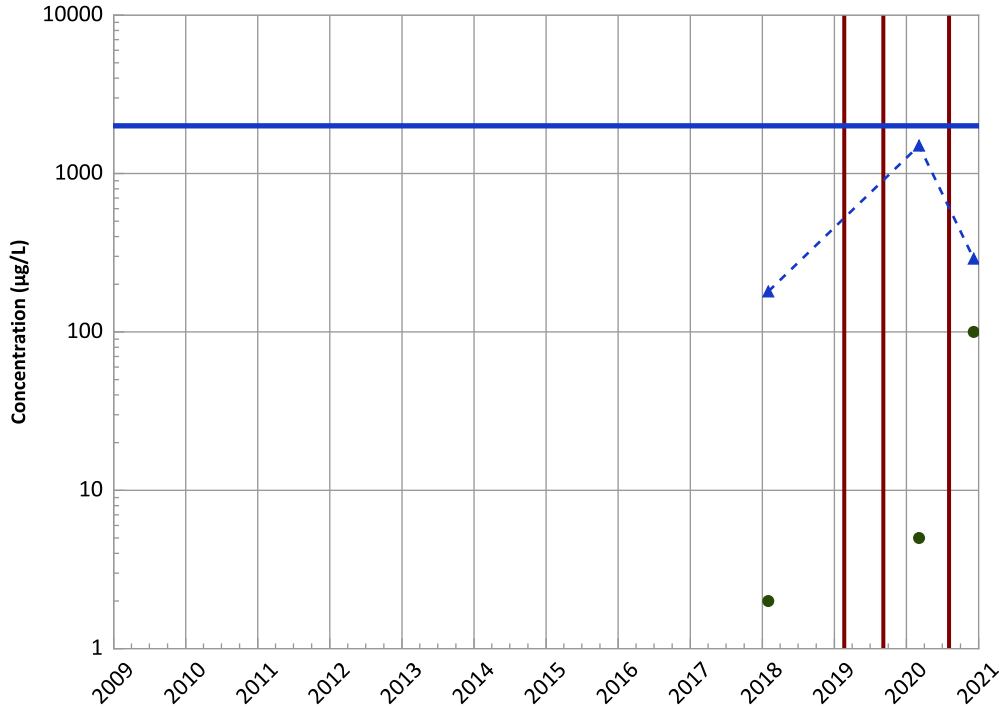


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
Increasing

Barium Trend

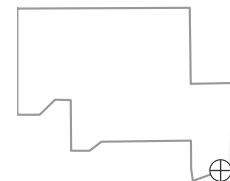


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

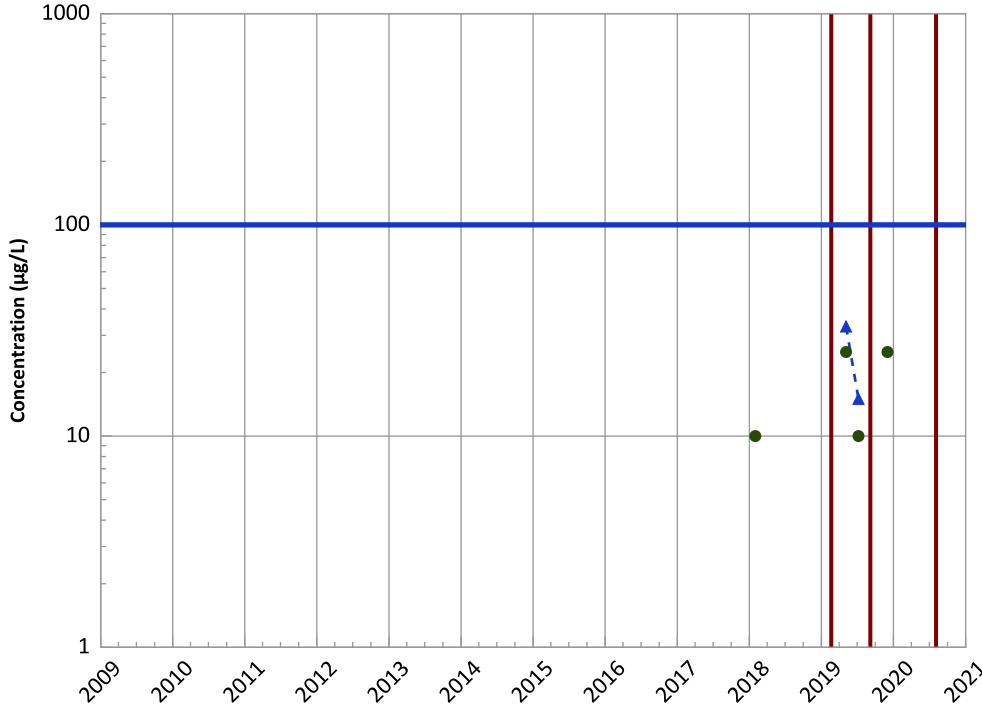


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

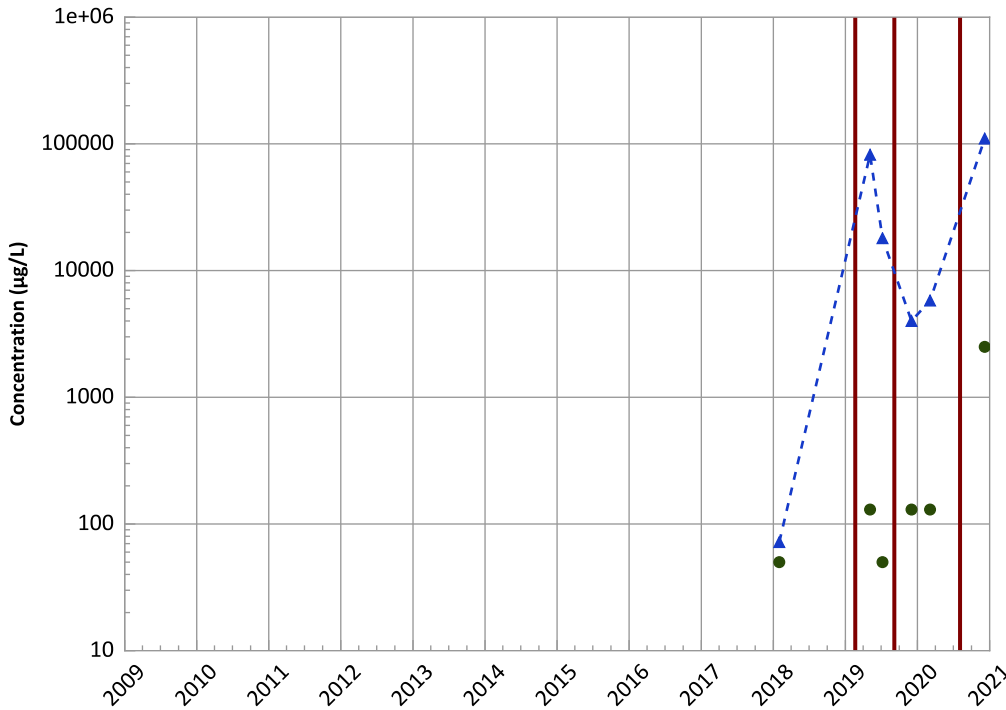


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Iron Trend

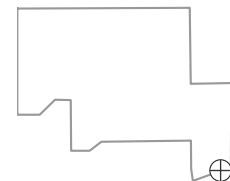


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

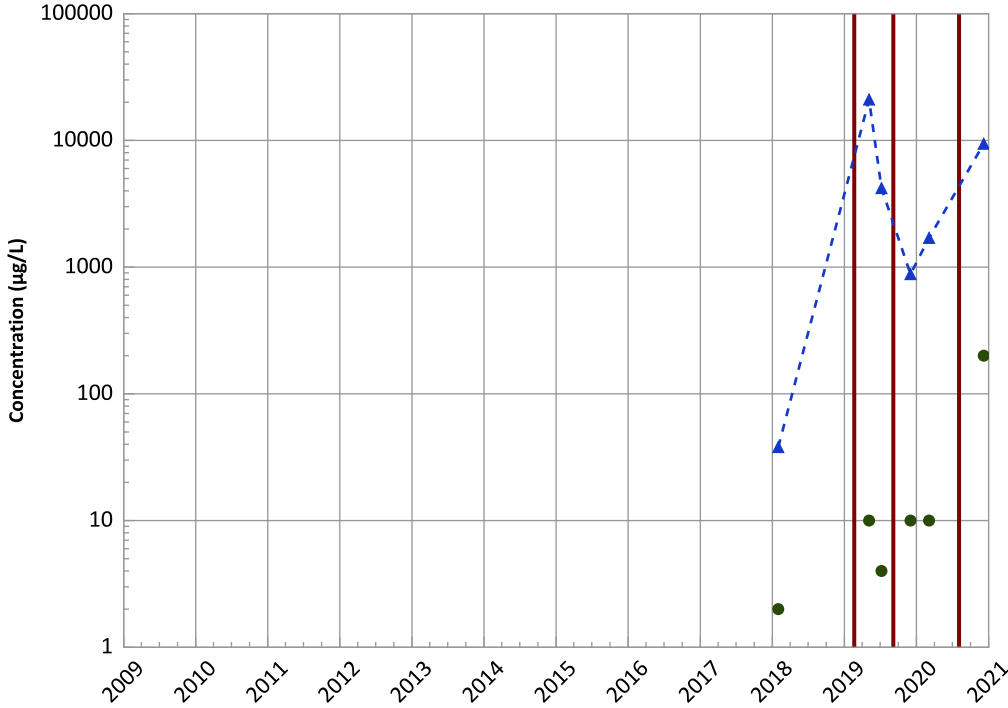


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

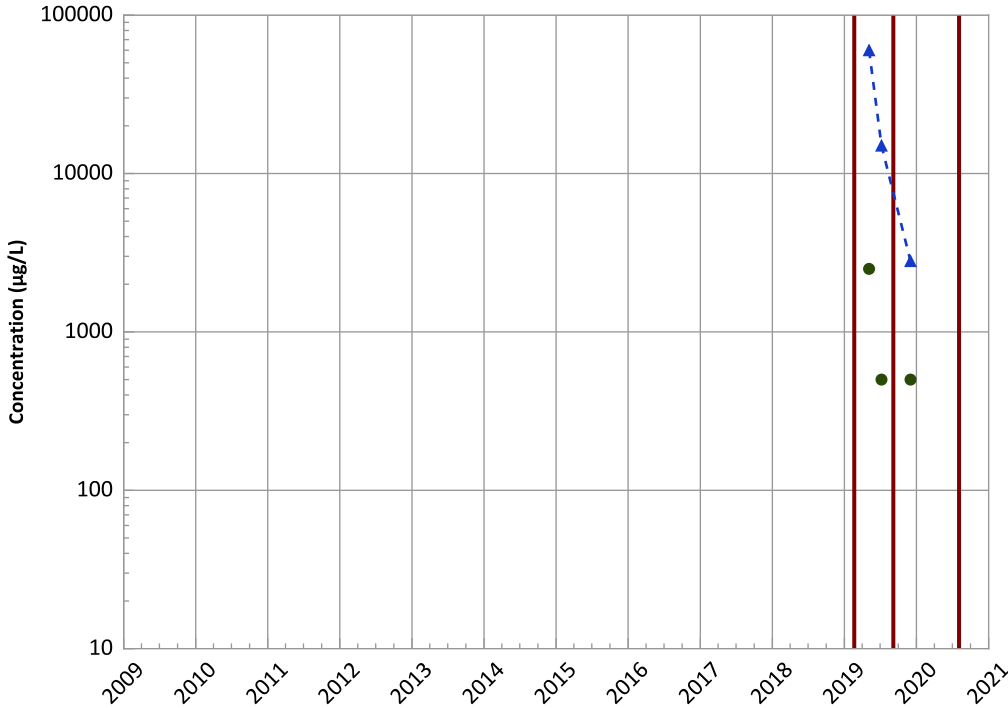
Manganese Trend



Concentration Trend
MAROS Mann-Kendall Method
 Data (7/2009 - 12/2020):
 No Trend' 'No Trend
 2018 - 2020 Data:
 No Trend' 'No Trend

MAROS Linear Regression Method
 Data (7/2009 - 12/2020):
 Probably Increasing' 'Probably Increasing
 2018 - 2020 Data:
 No Trend' 'No Trend

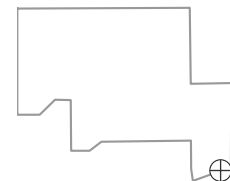
Ferrous Iron Trend



Concentration Trend
MAROS Mann-Kendall Method
 Data (7/2009 - 12/2020):
 N/A (<4 Samples in Dataset)
 2018 - 2020 Data:
 N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
 Data (7/2009 - 12/2020):
 N/A (<4 Detections in Dataset)
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)

Well Location

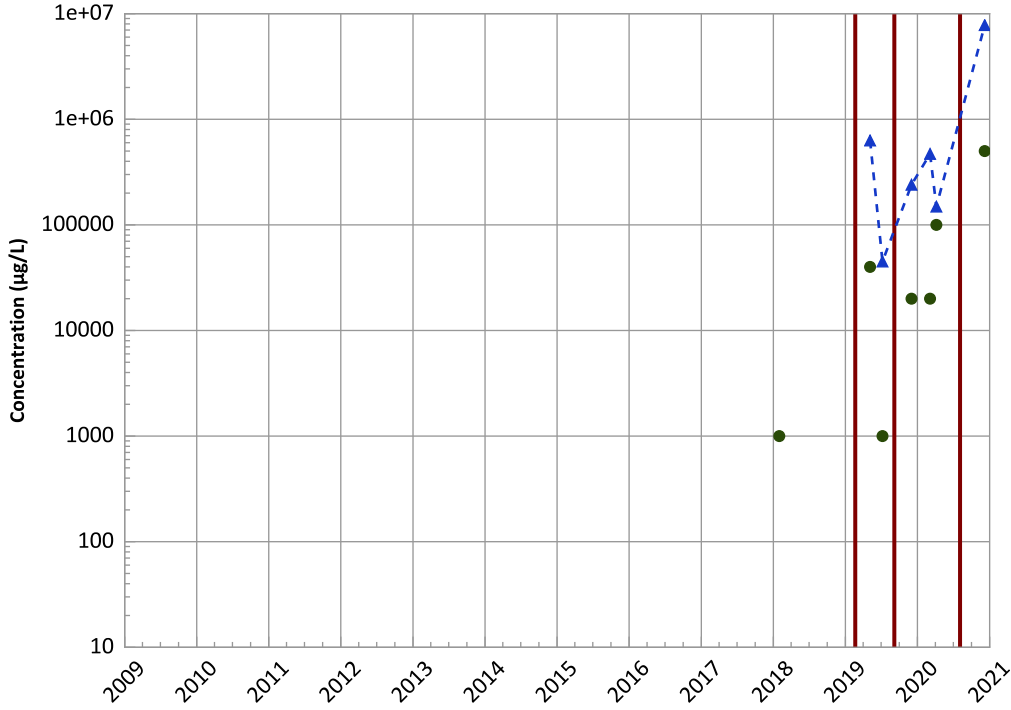


Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 01/31/2018 to 12/07/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

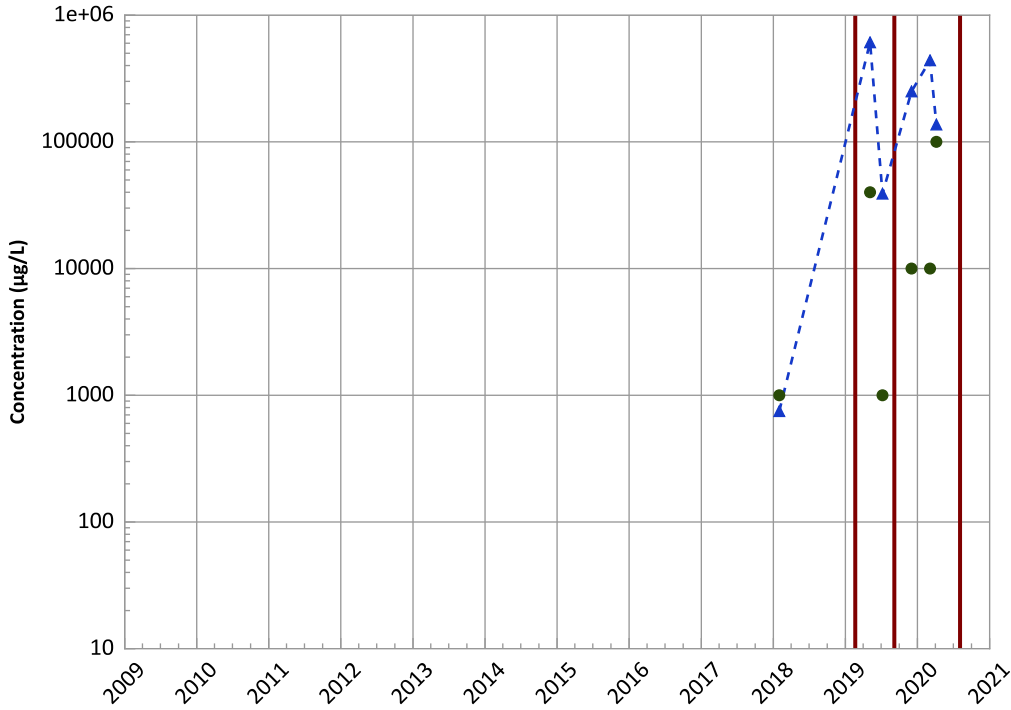


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend

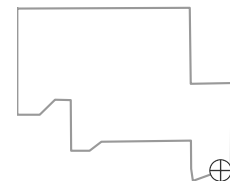


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

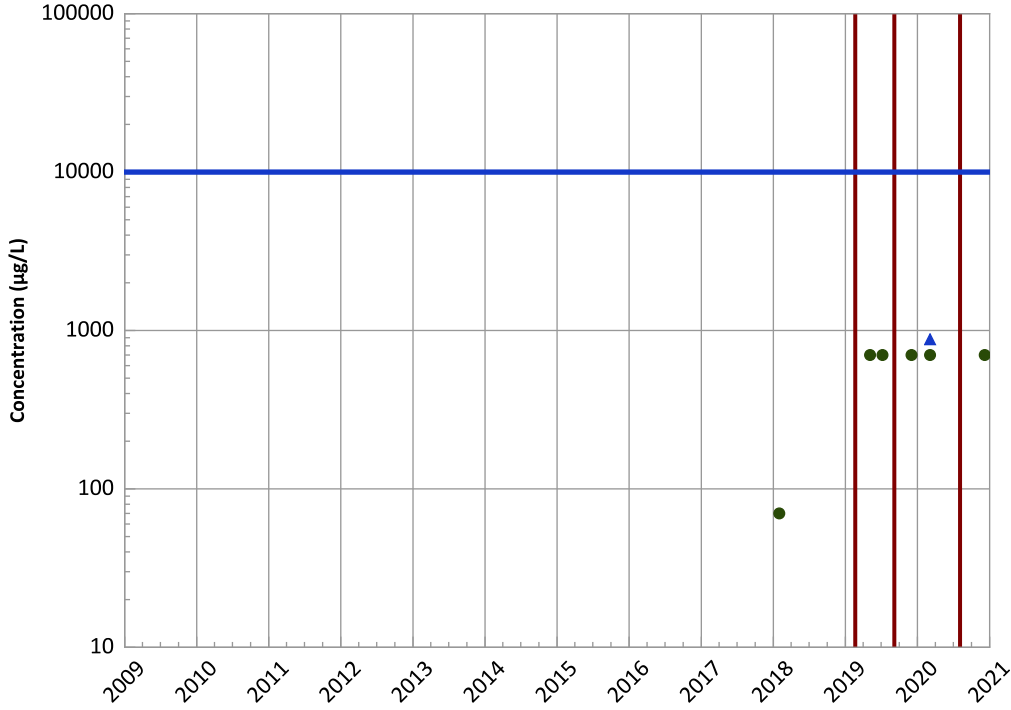


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

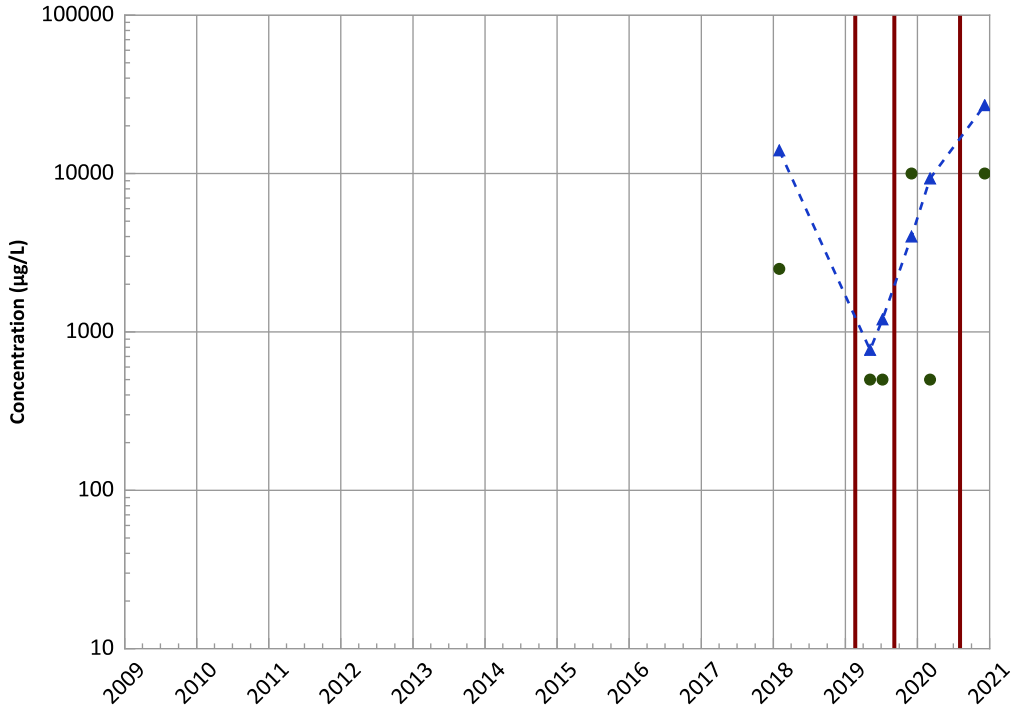


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

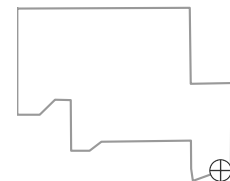


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Increasing

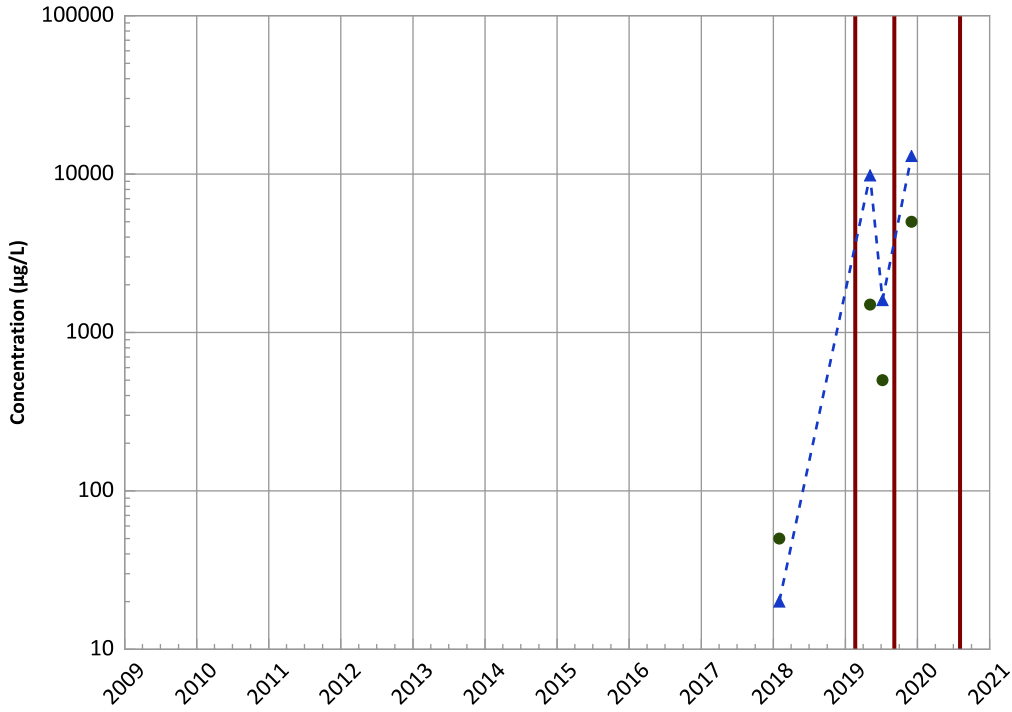
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/31/2018 to 12/07/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB307 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Phosphorus, Total (as P) Trend

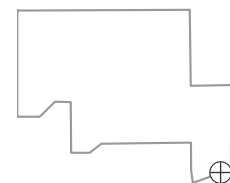


Concentration Trend
 MAROS Mann-Kendall Method
 Data (7/2009 - 12/2020):
 No Trend
 2018 - 2020 Data:
 No Trend
 MAROS Linear Regression Method
 Data (7/2009 - 12/2020):
 Increasing
 2018 - 2020 Data:
 Increasing

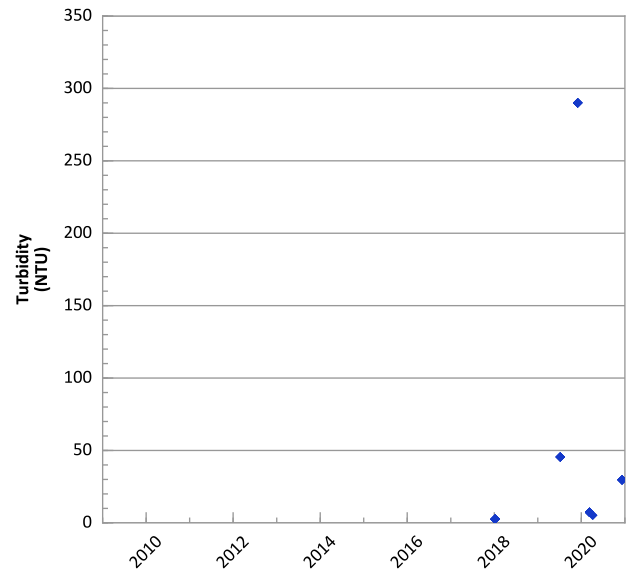
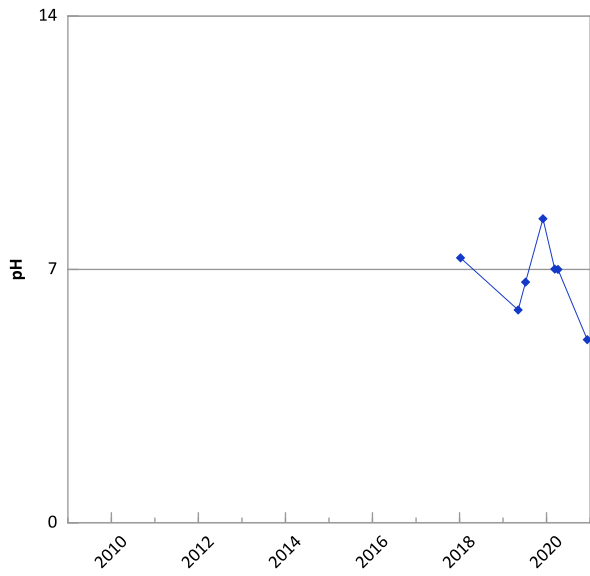
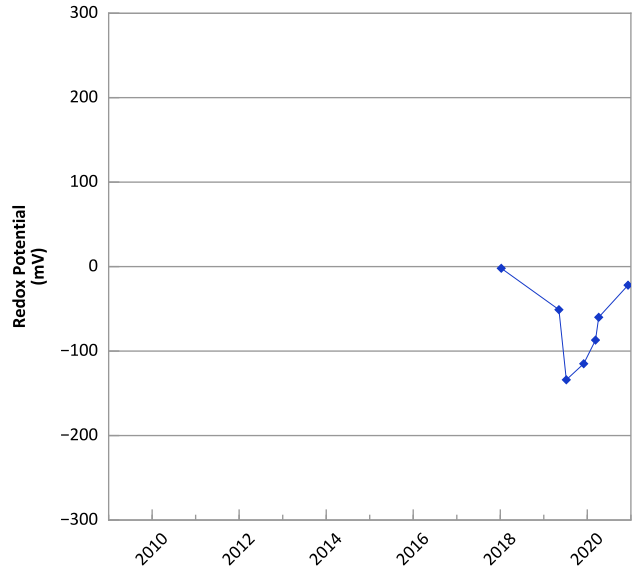
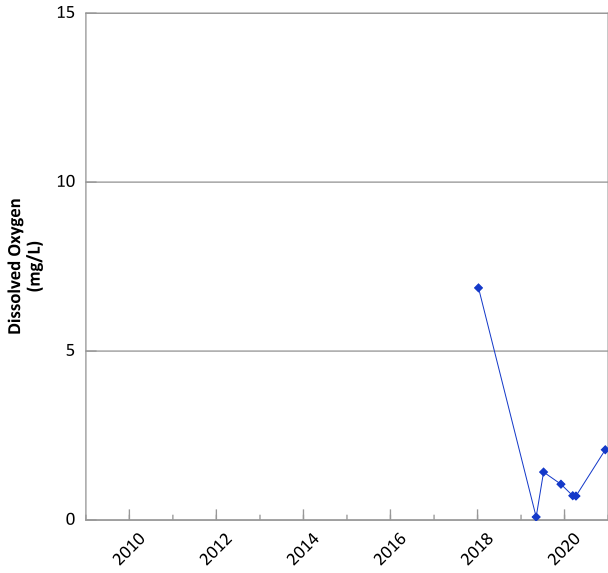
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 01/31/2018 to 12/07/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

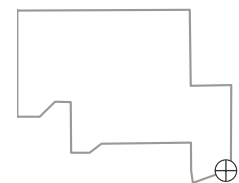


**PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



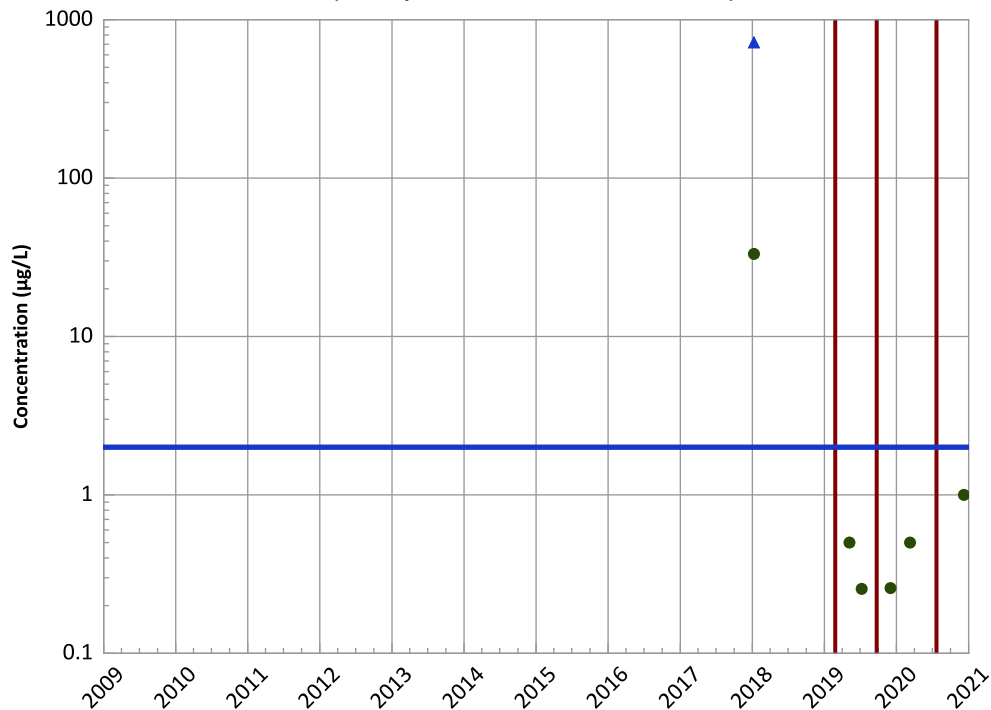
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 01/09/2018 to 12/08/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

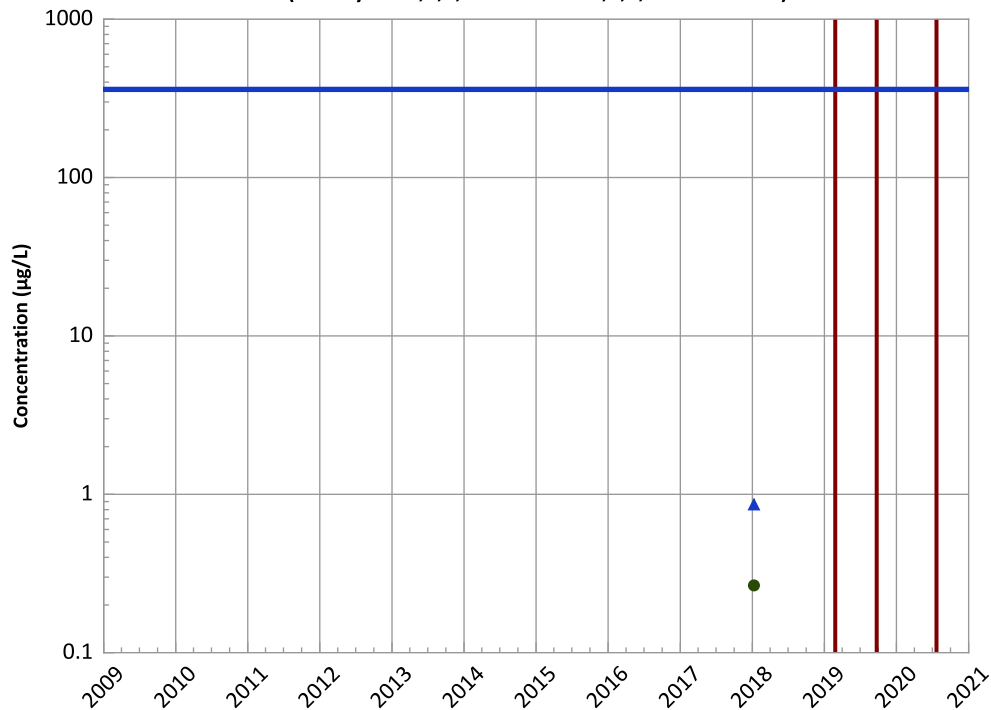


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

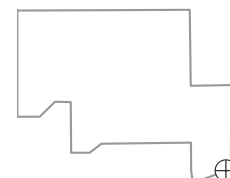


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

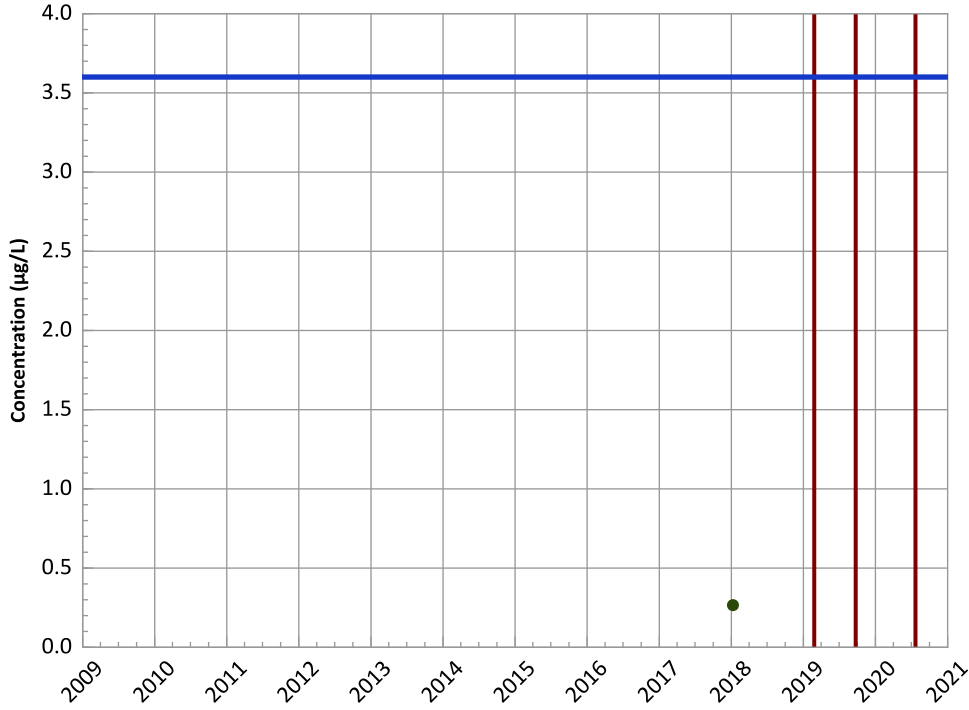


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

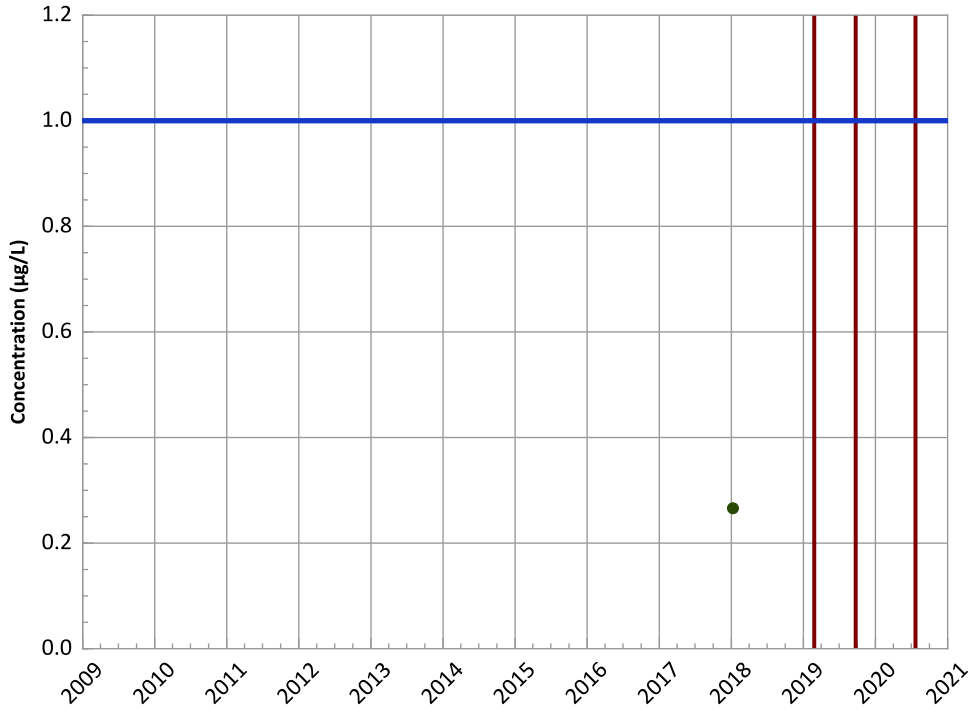
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

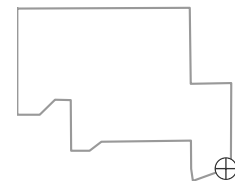
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

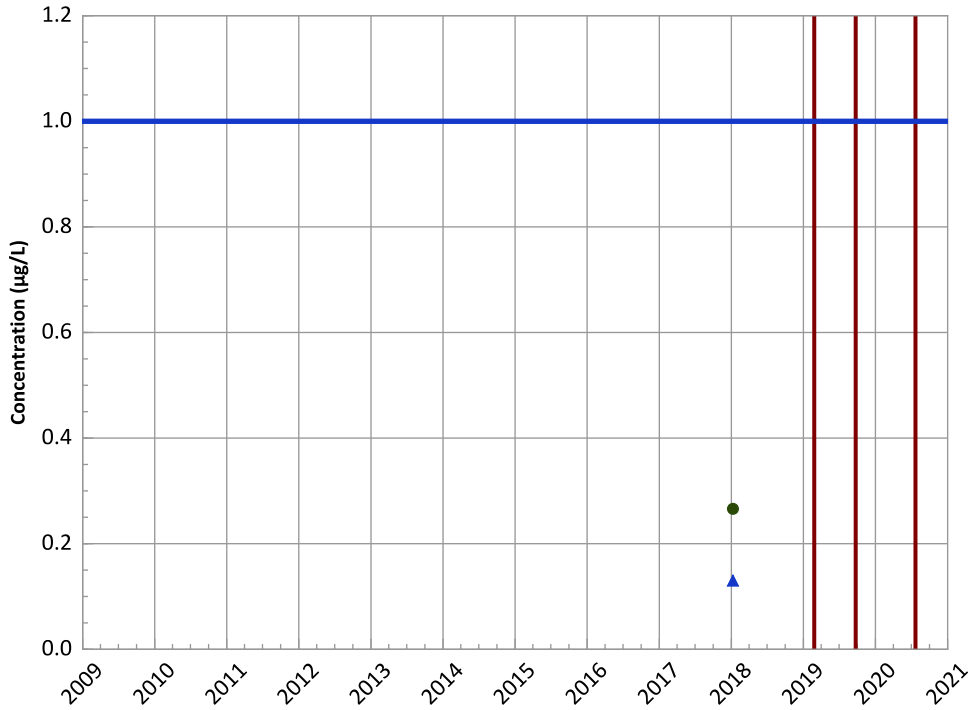


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

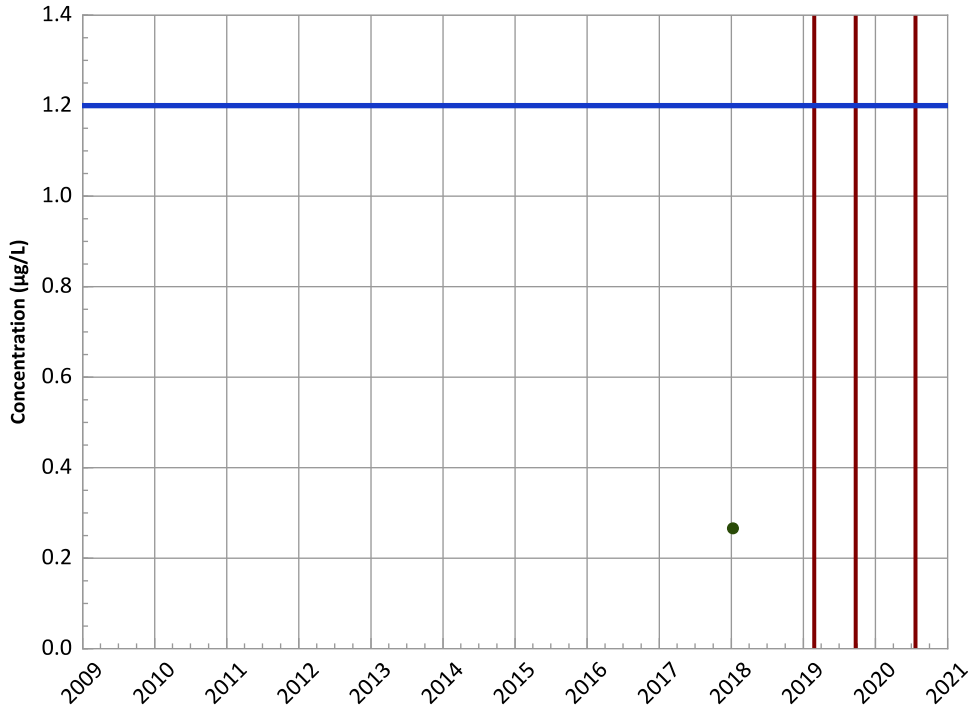


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend

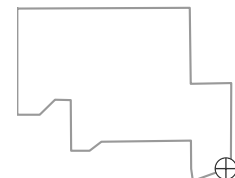


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

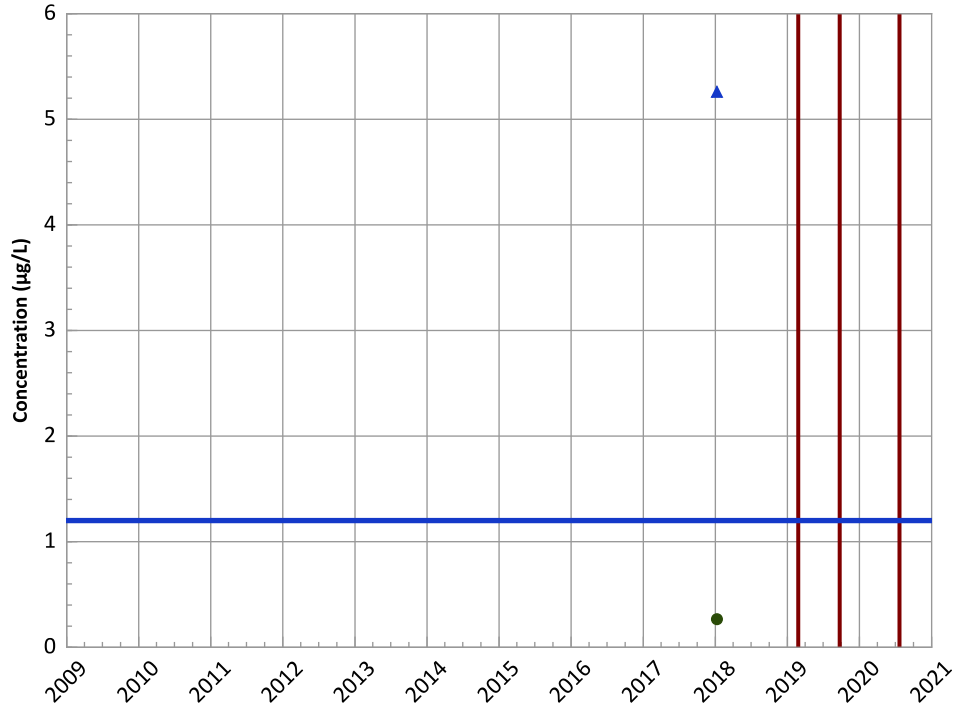


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

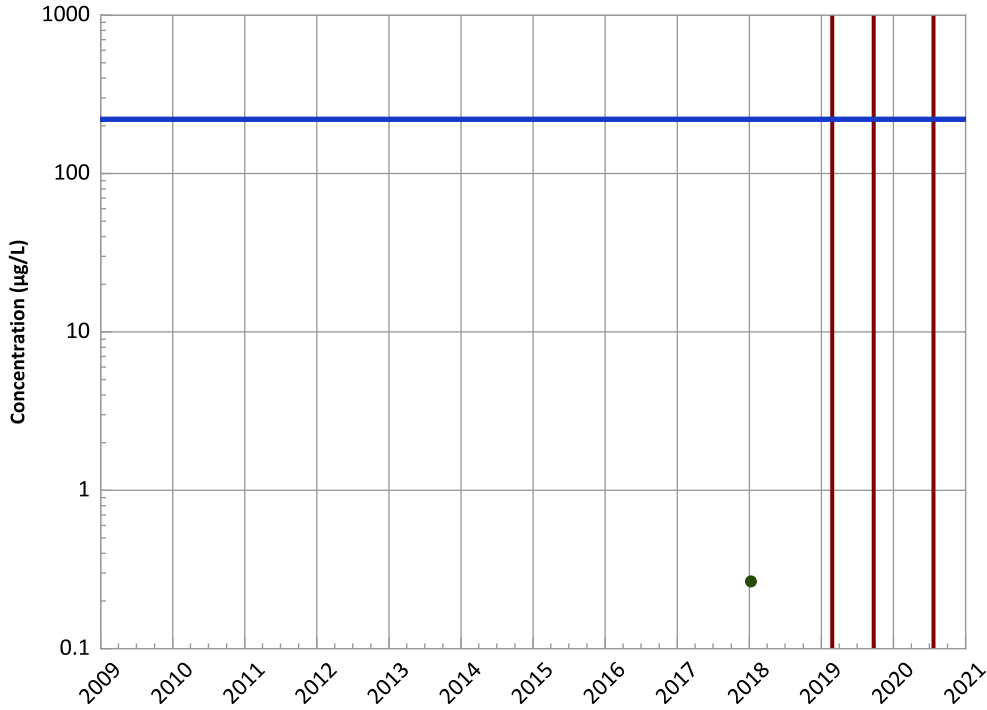


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

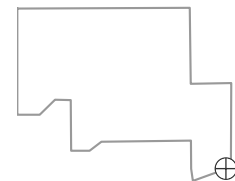


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

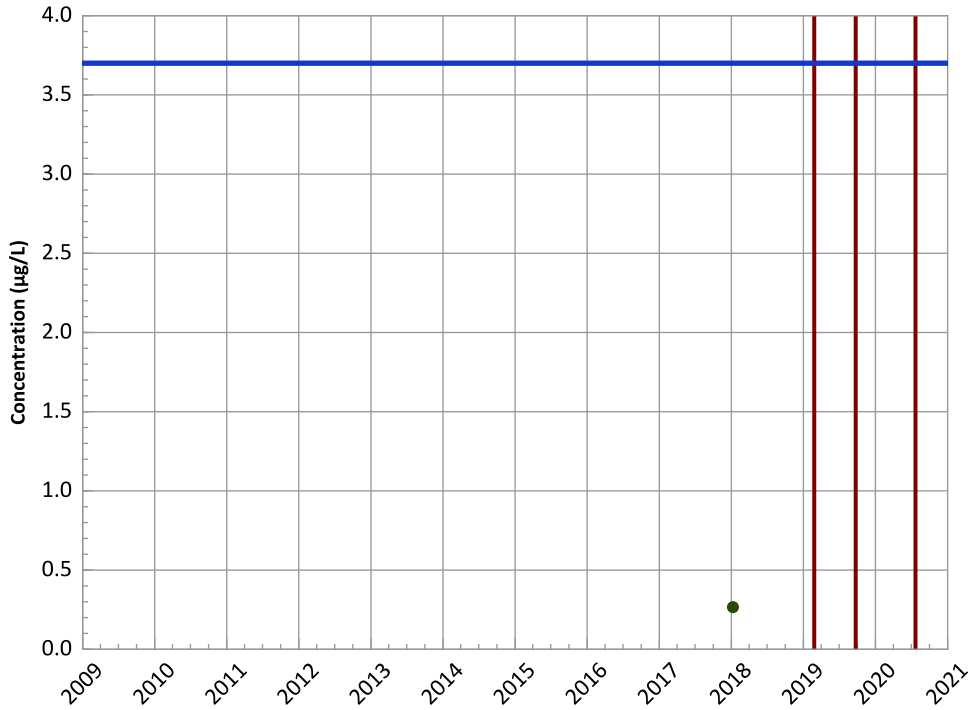


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

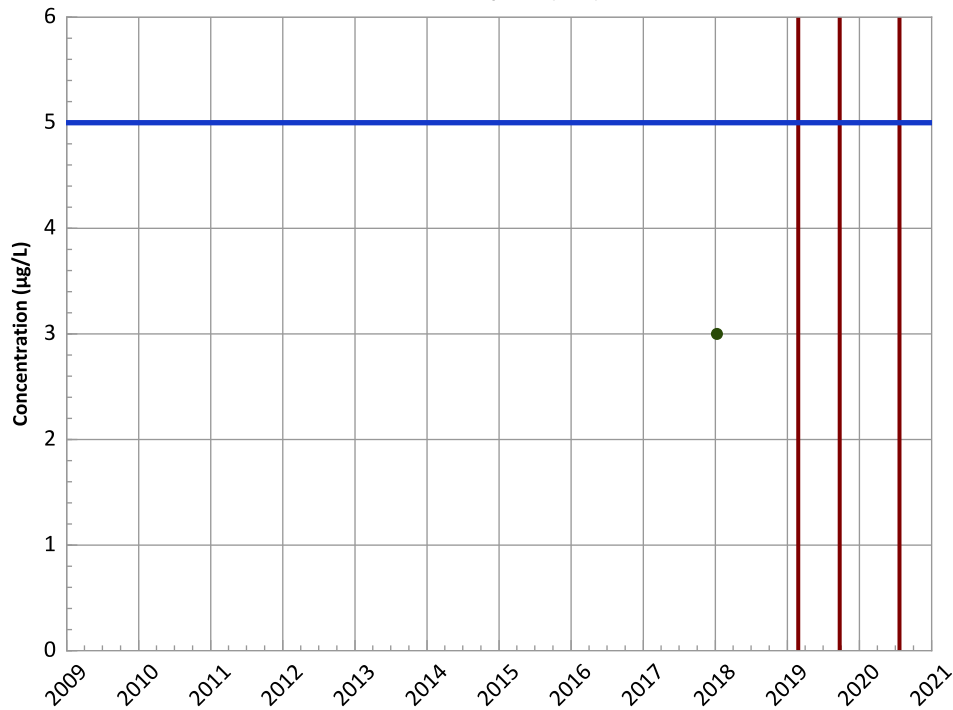


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

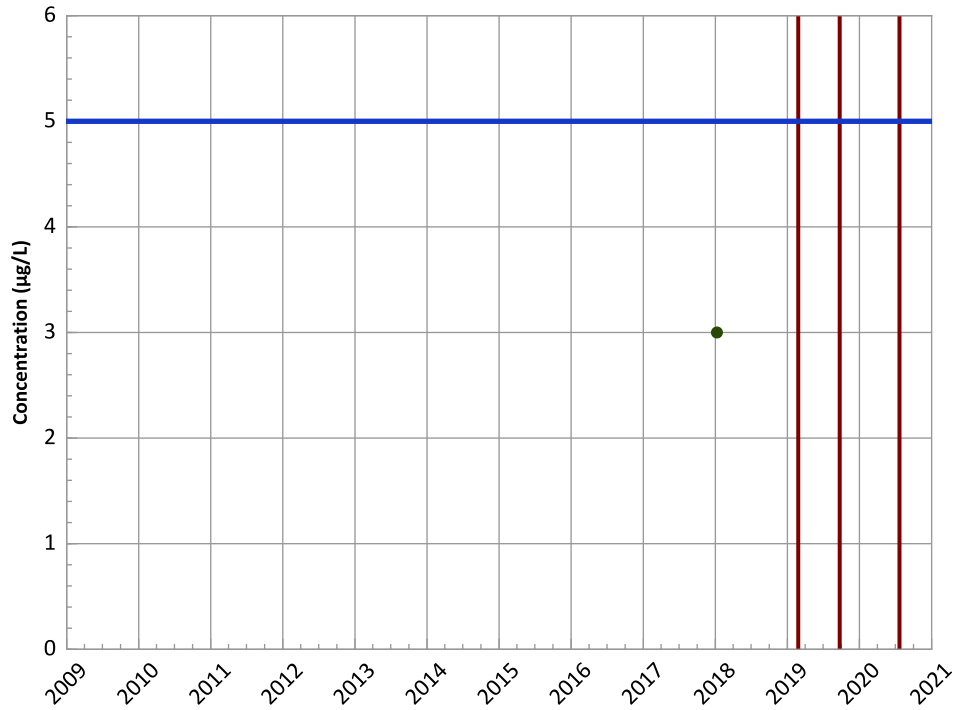


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

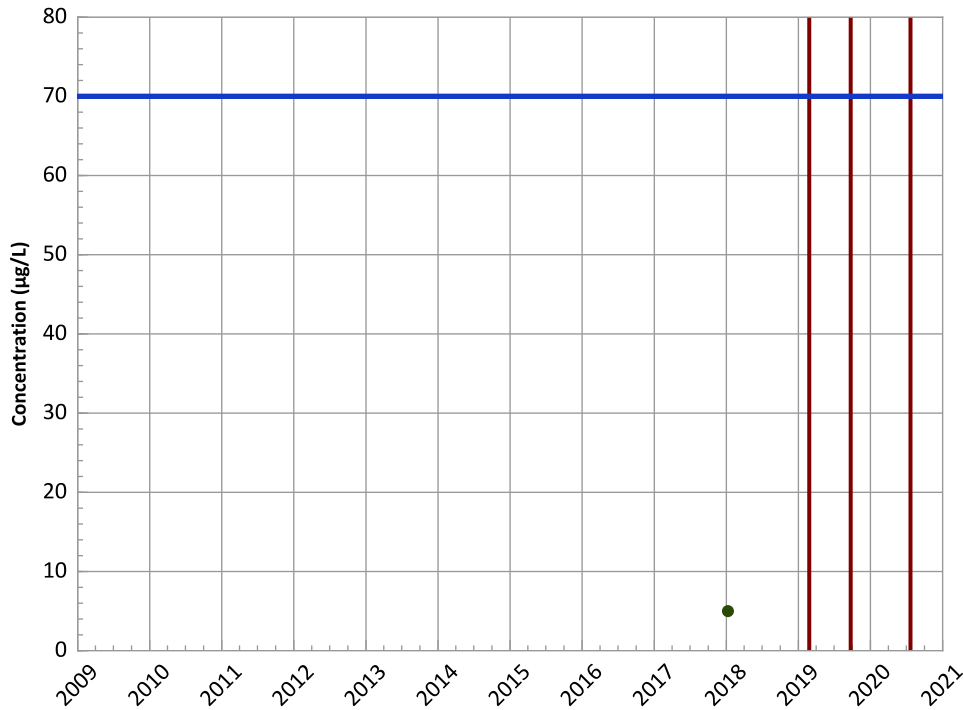


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

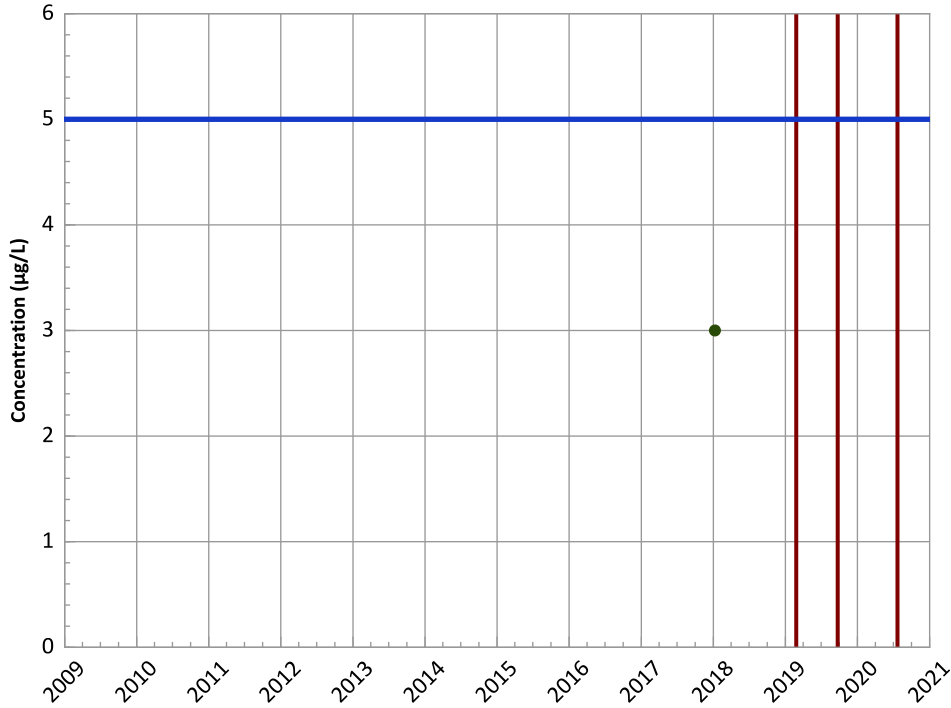


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

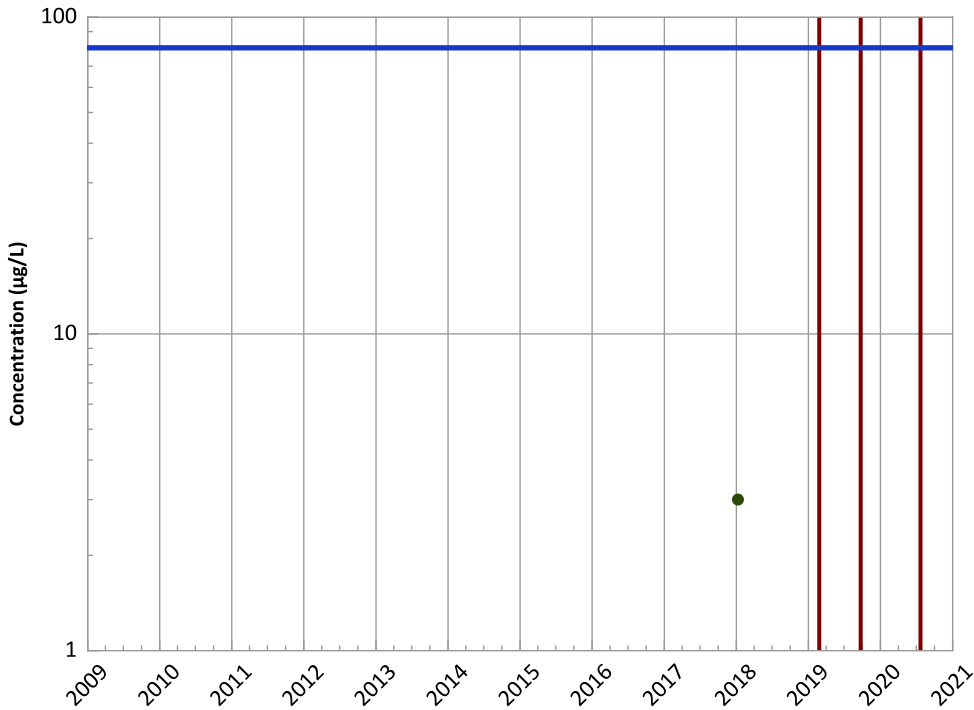


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

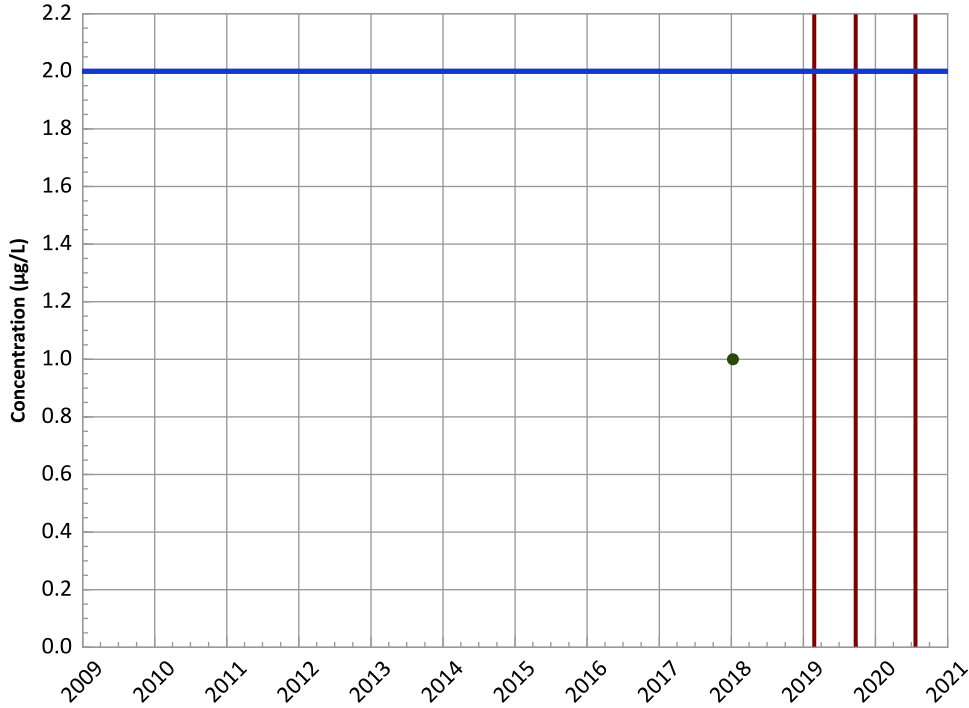
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**



Concentration Trend

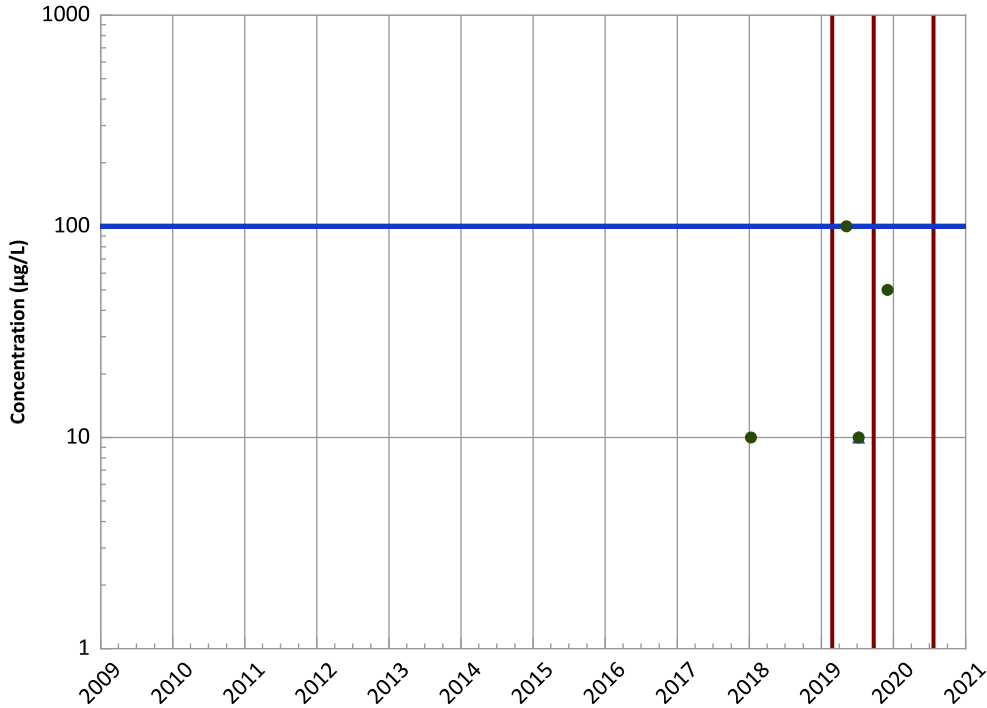
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Well Location

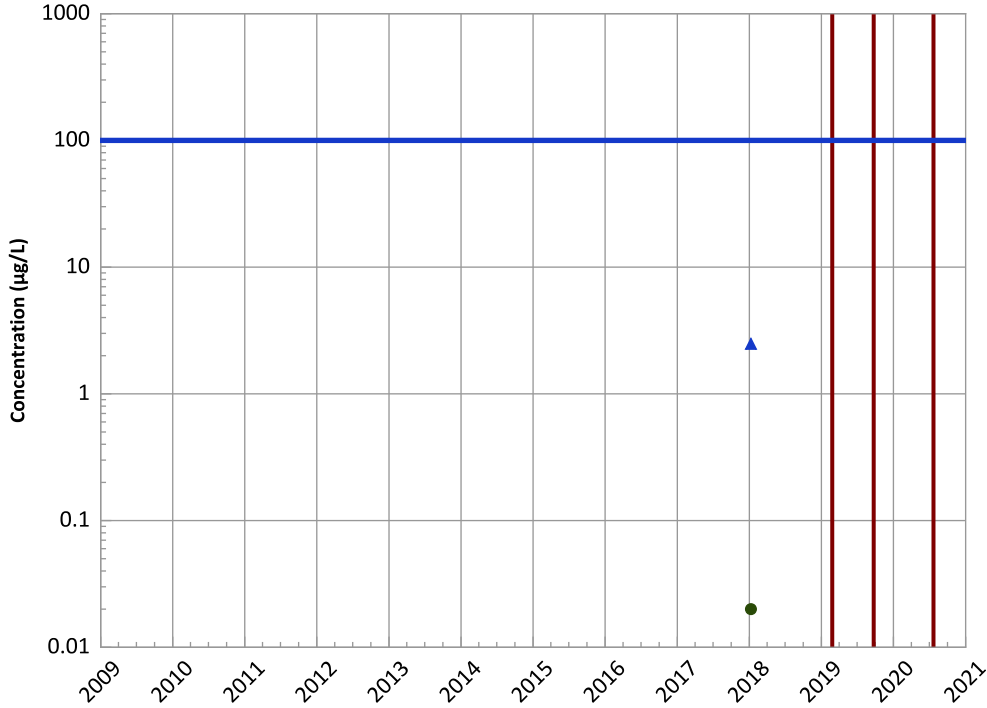


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

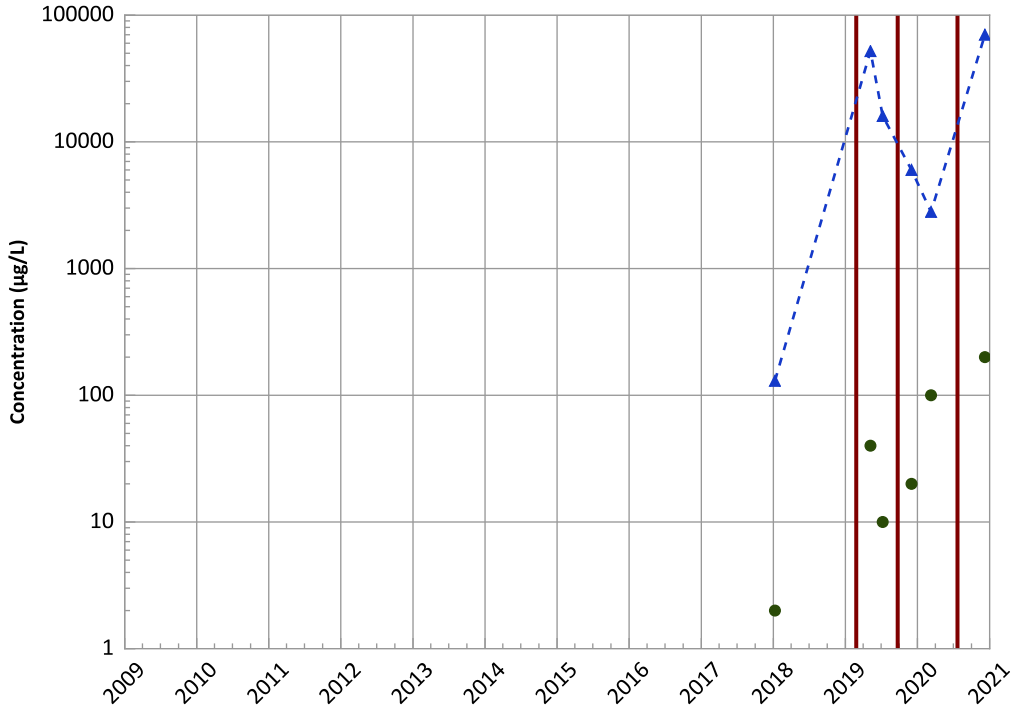
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend' No Trend

2018 - 2020 Data:

No Trend' No Trend

MAROS Linear Regression Method

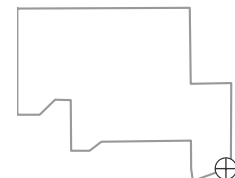
Data (7/2009 - 12/2020):

Probably Increasing' Probably Increasing

2018 - 2020 Data:

No Trend' No Trend

Well Location

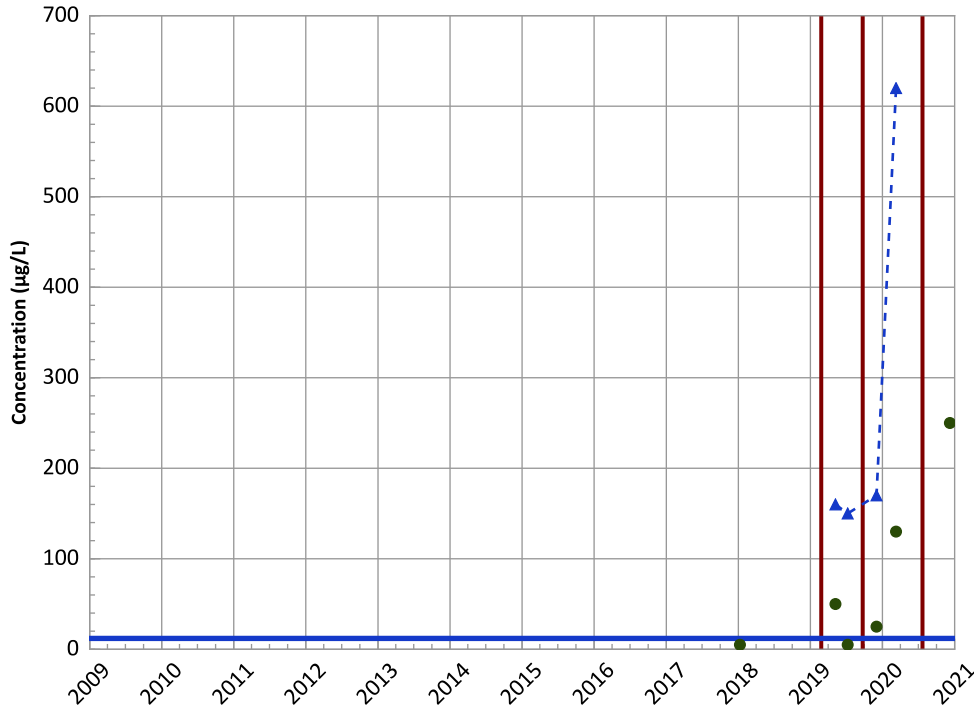


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

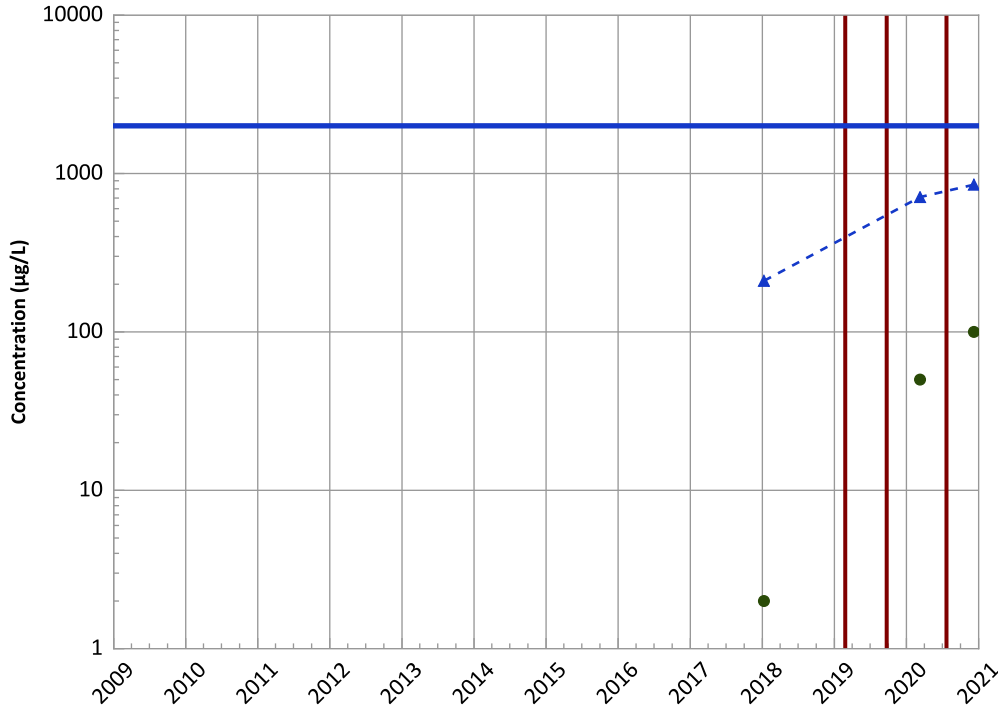


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Probably Increasing

Barium Trend

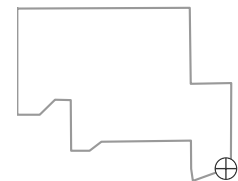


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

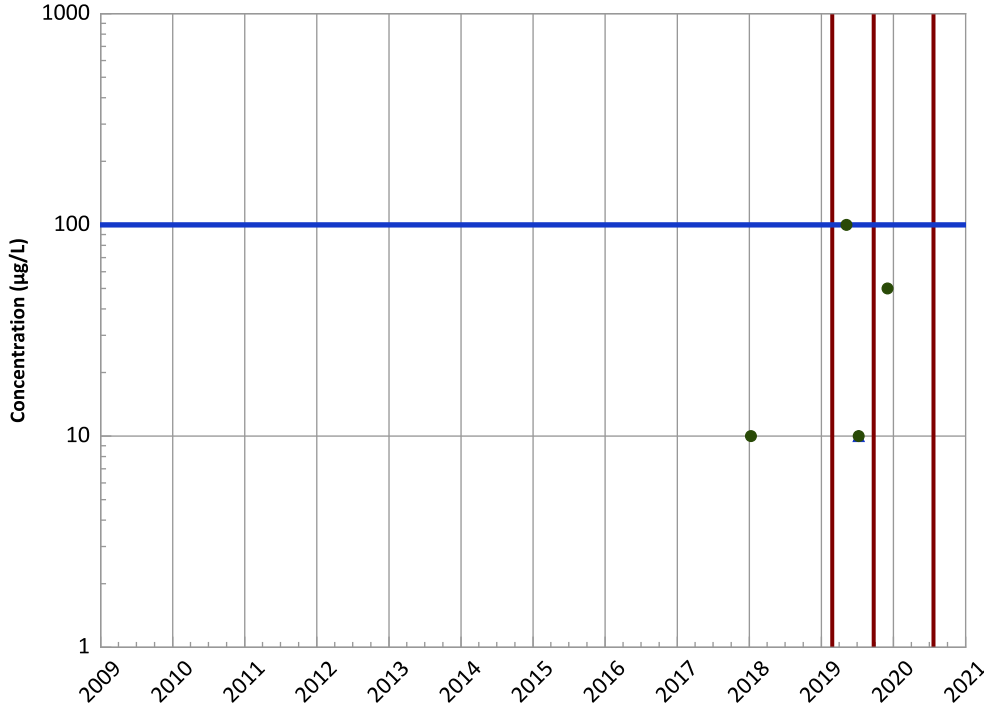


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

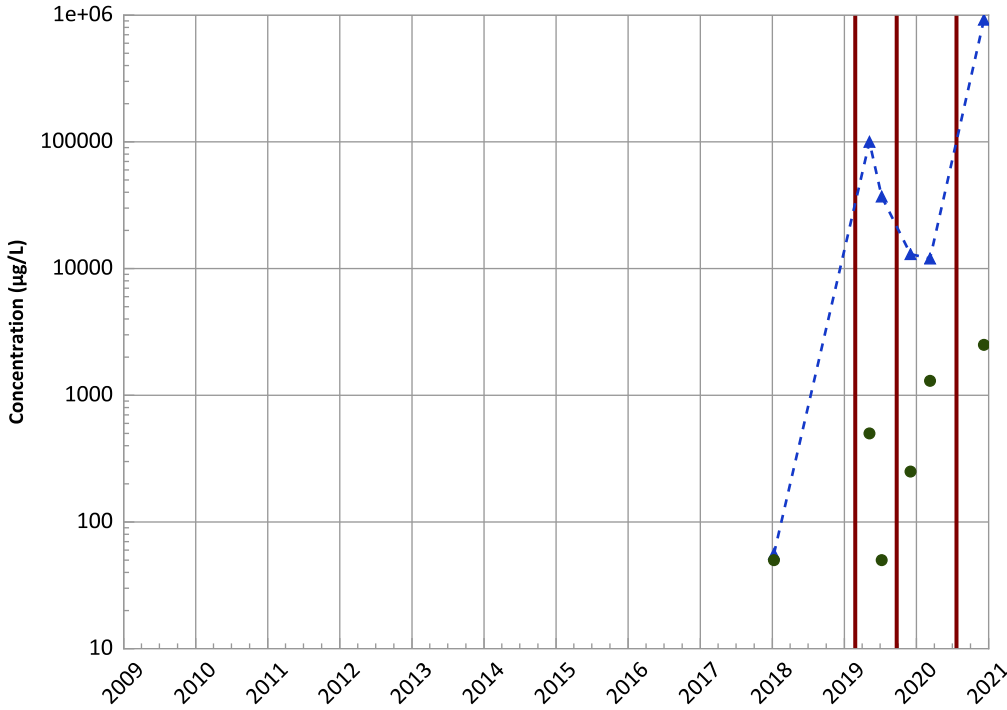


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' N/A (<4 Detections in Dataset)

Iron Trend

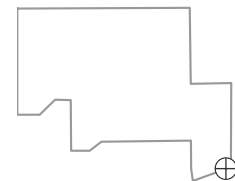


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

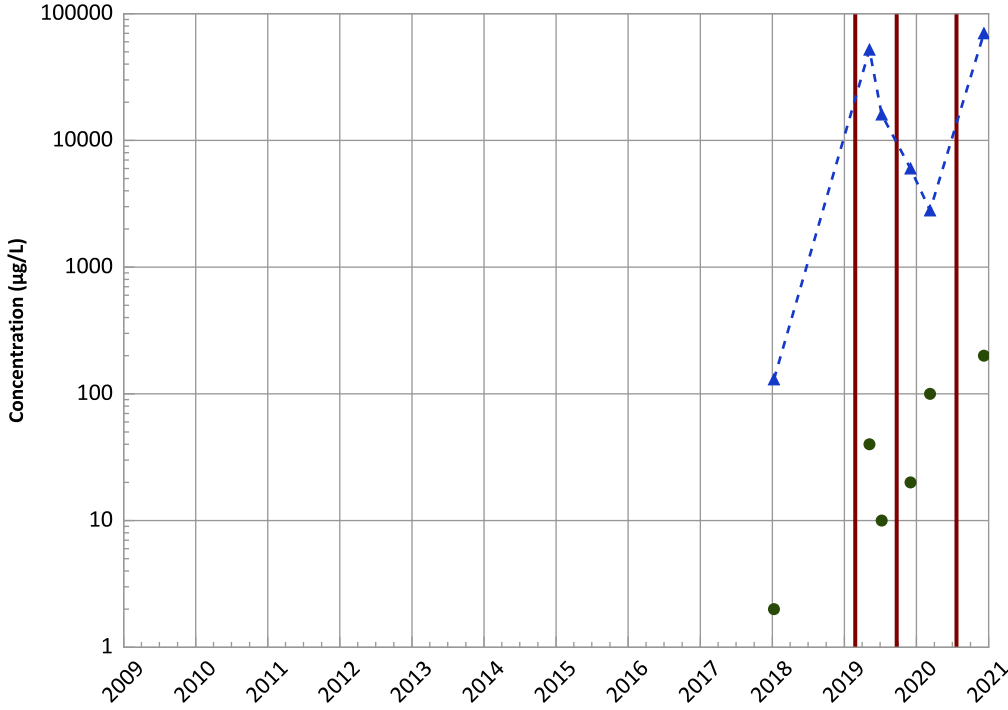


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

No Trend' 'No Trend

MAROS Linear Regression Method

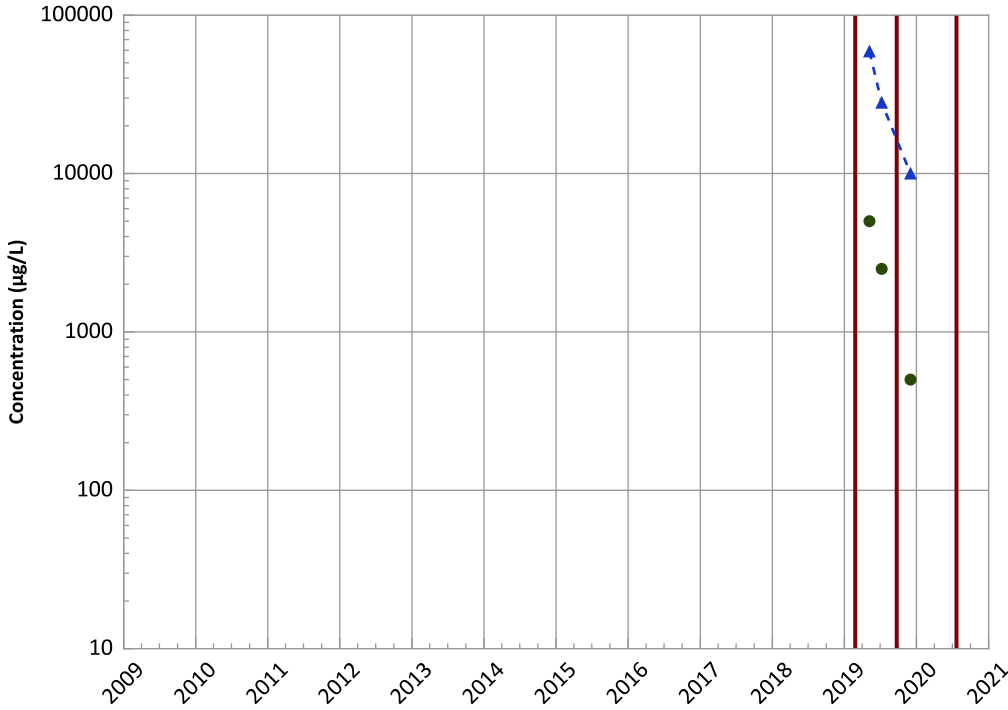
Data (7/2009 - 12/2020):

Probably Increasing' 'Probably Increasing

2018 - 2020 Data:

No Trend' 'No Trend

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

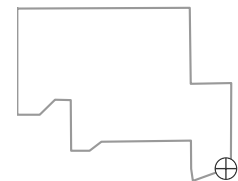
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

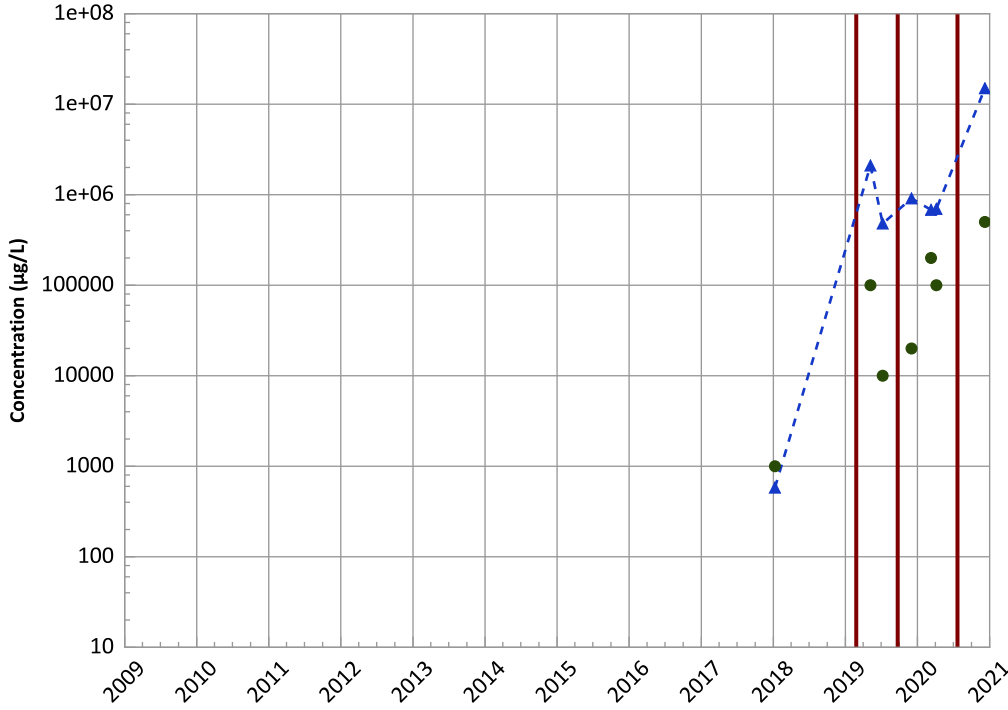


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

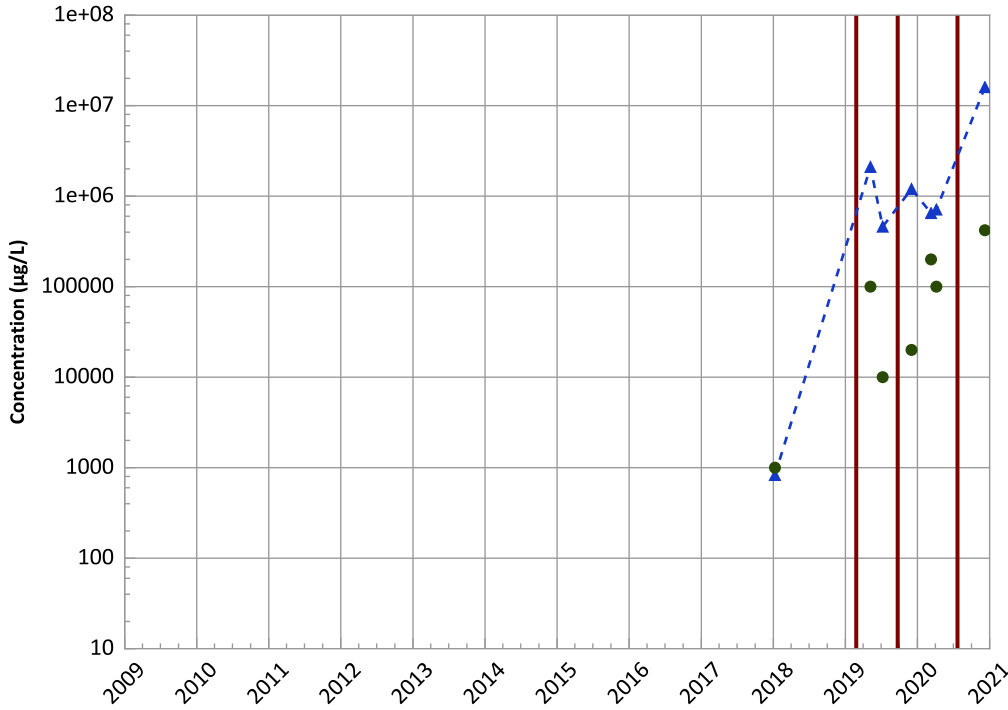


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend

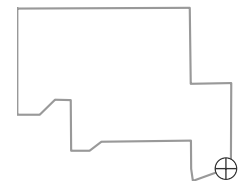


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Well Location

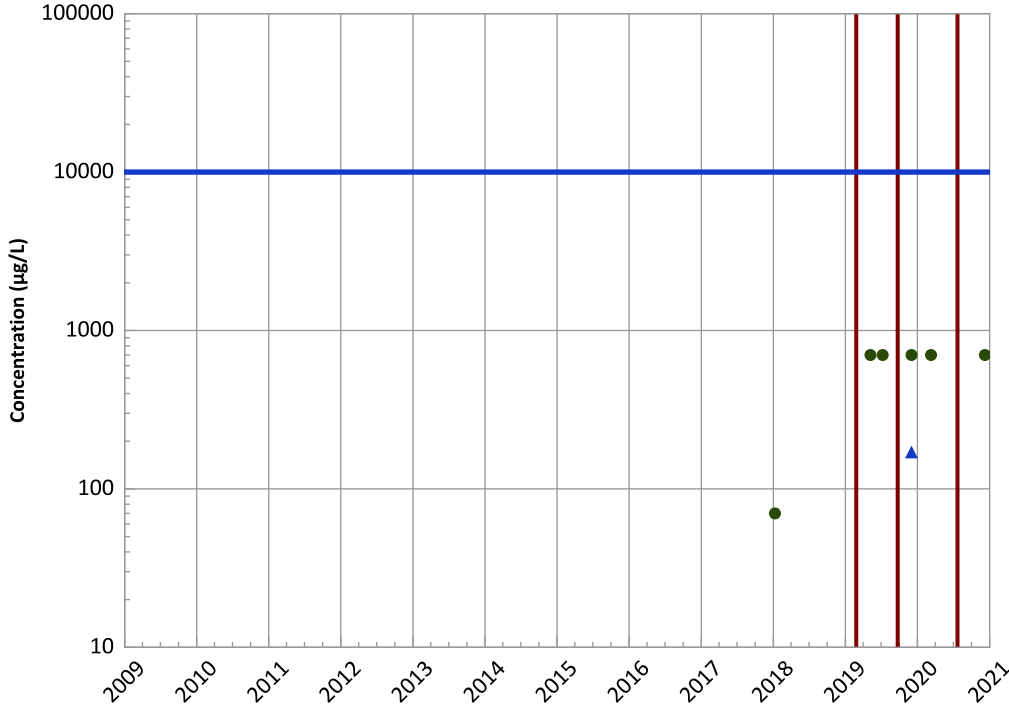


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

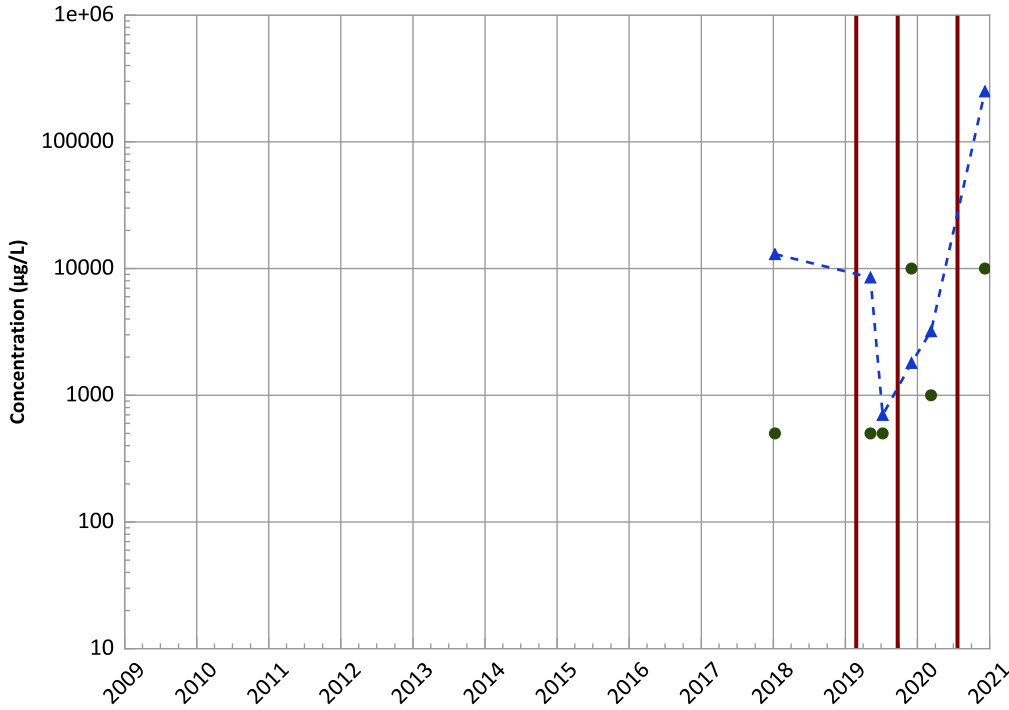


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

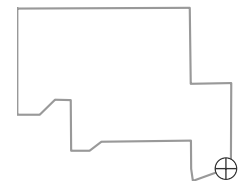


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

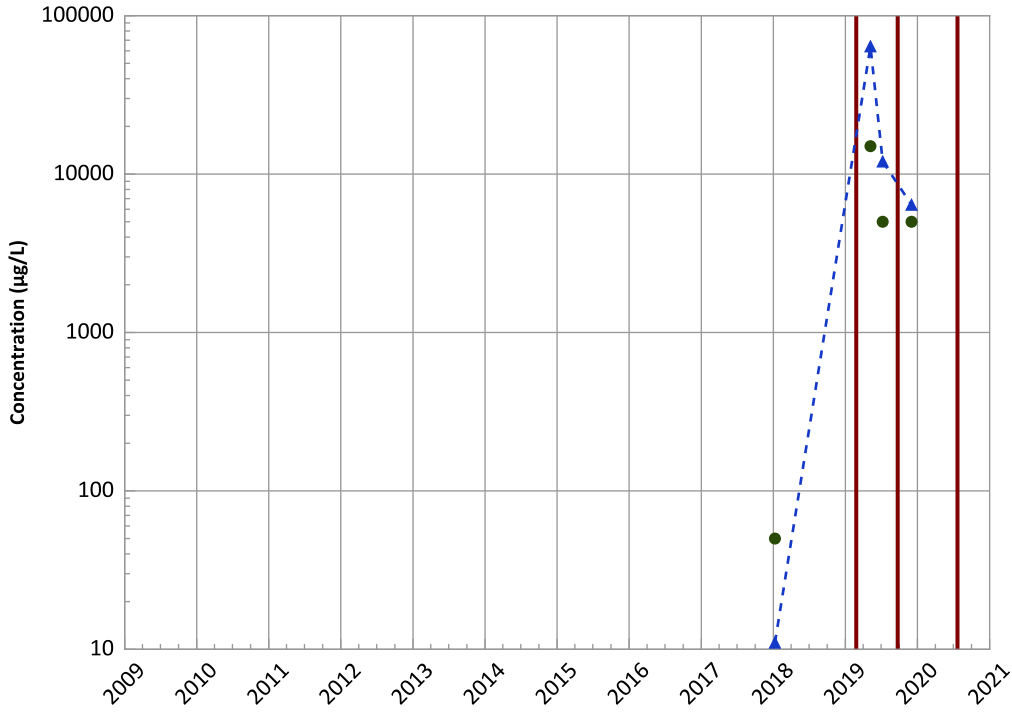
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/09/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant
Phosphorus, Total (as P) Trend**



Concentration Trend
MAROS Mann-Kendall Method
 Data (7/2009 - 12/2020):
 No Trend
 2018 - 2020 Data:
 No Trend
MAROS Linear Regression Method
 Data (7/2009 - 12/2020):
 Probably Increasing
 2018 - 2020 Data:
 Probably Increasing

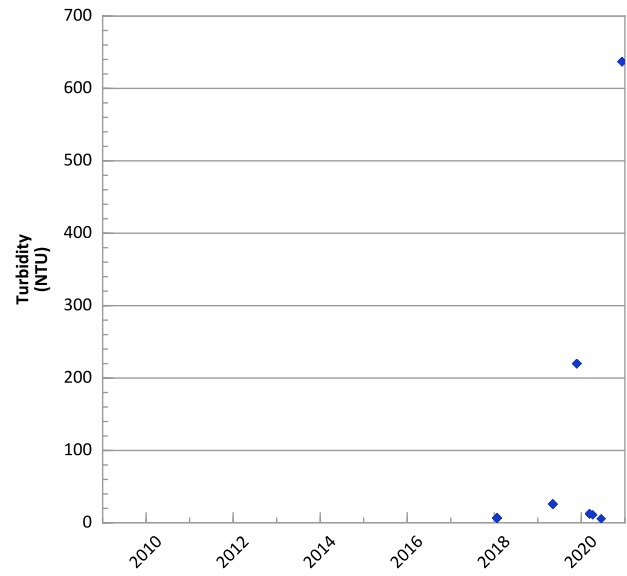
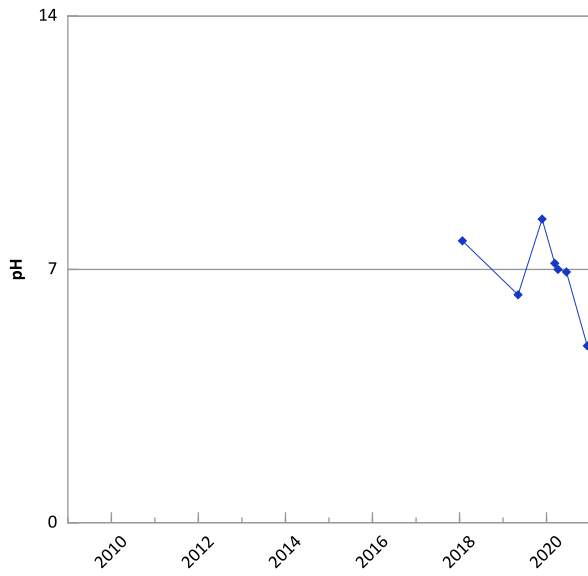
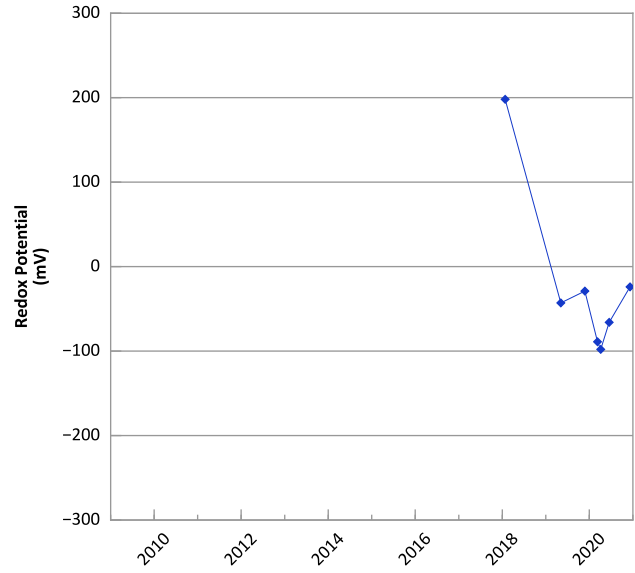
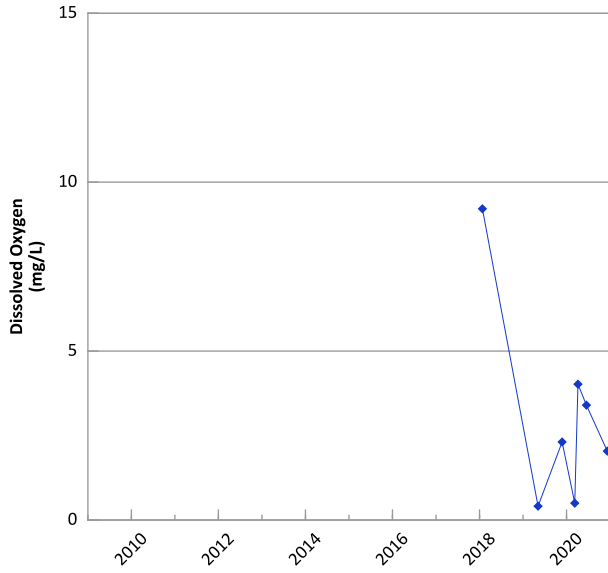
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 01/09/2018 to 12/08/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

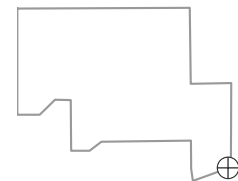


**PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



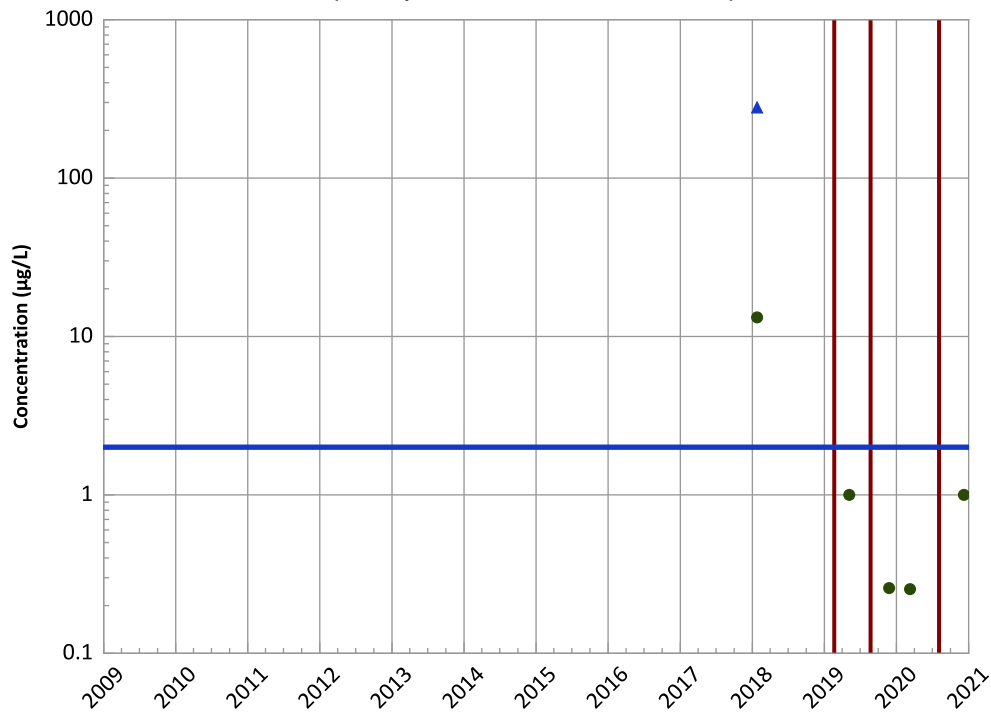
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 01/25/2018 to 12/08/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

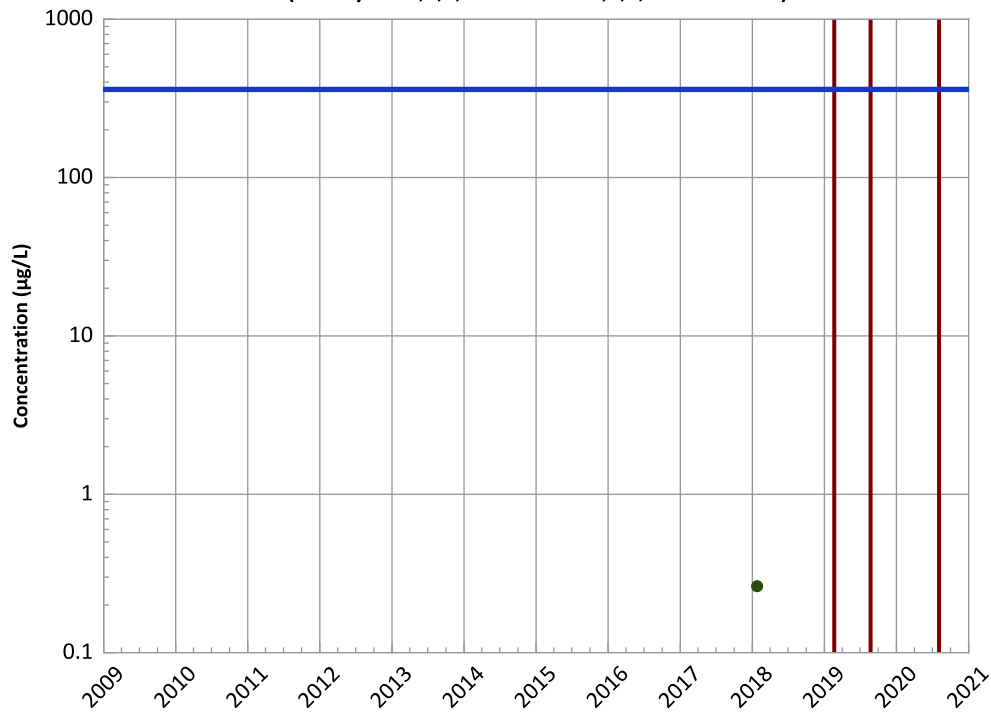


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 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 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

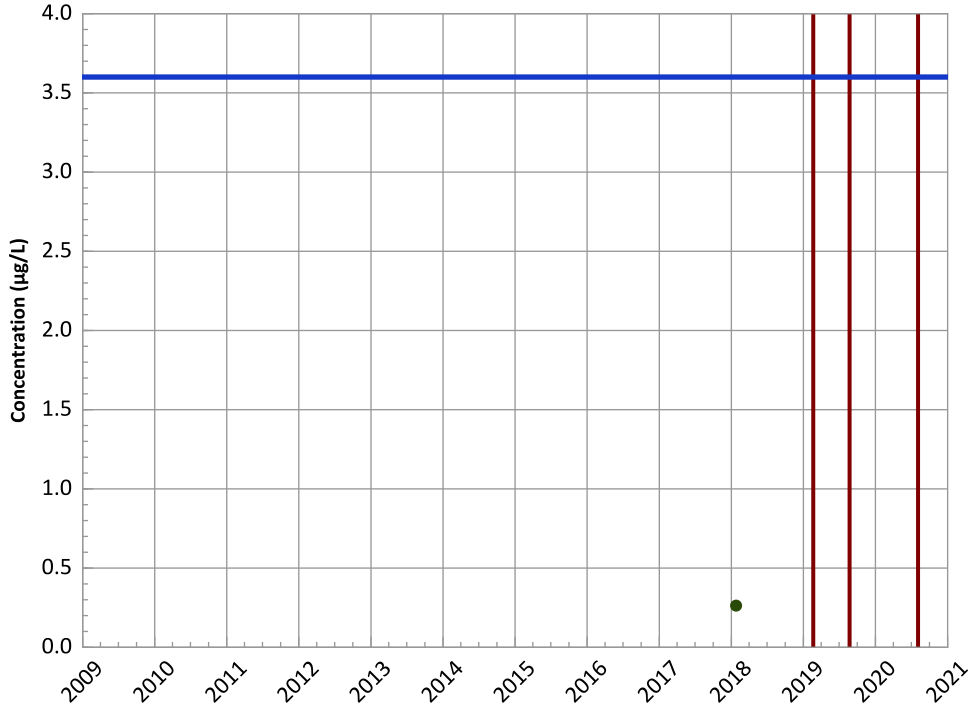


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

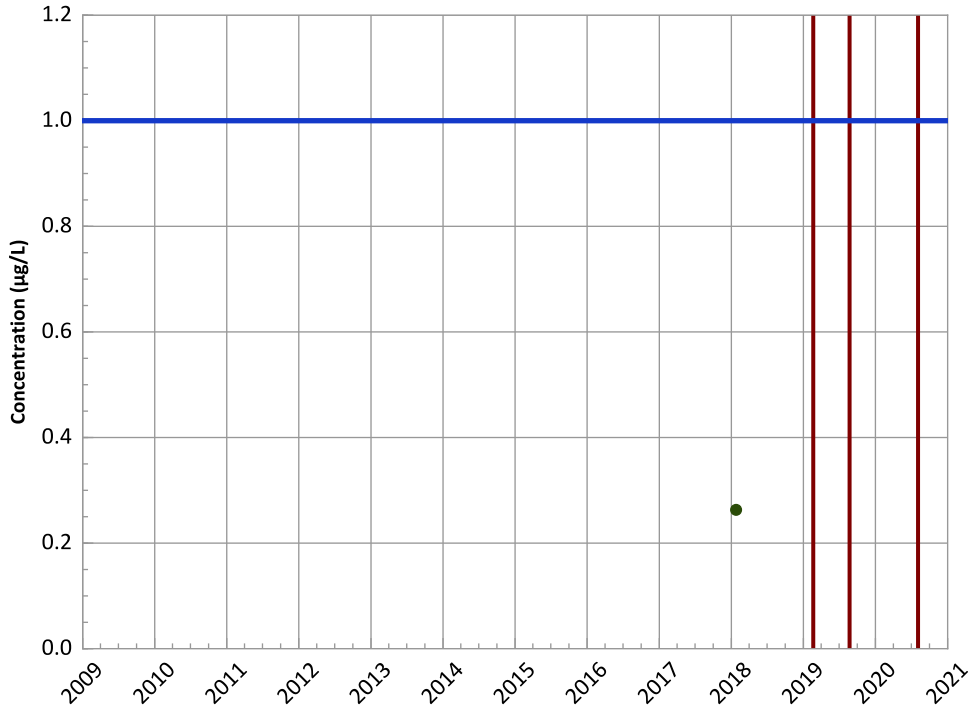
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

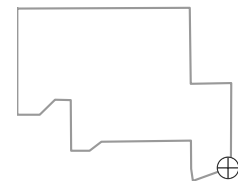
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

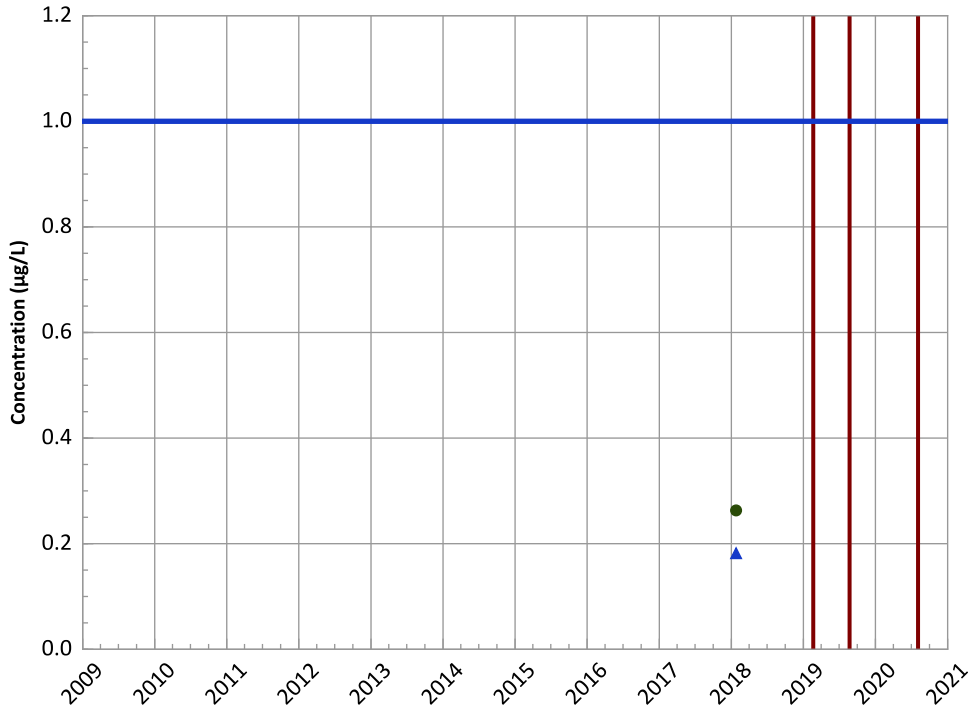


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

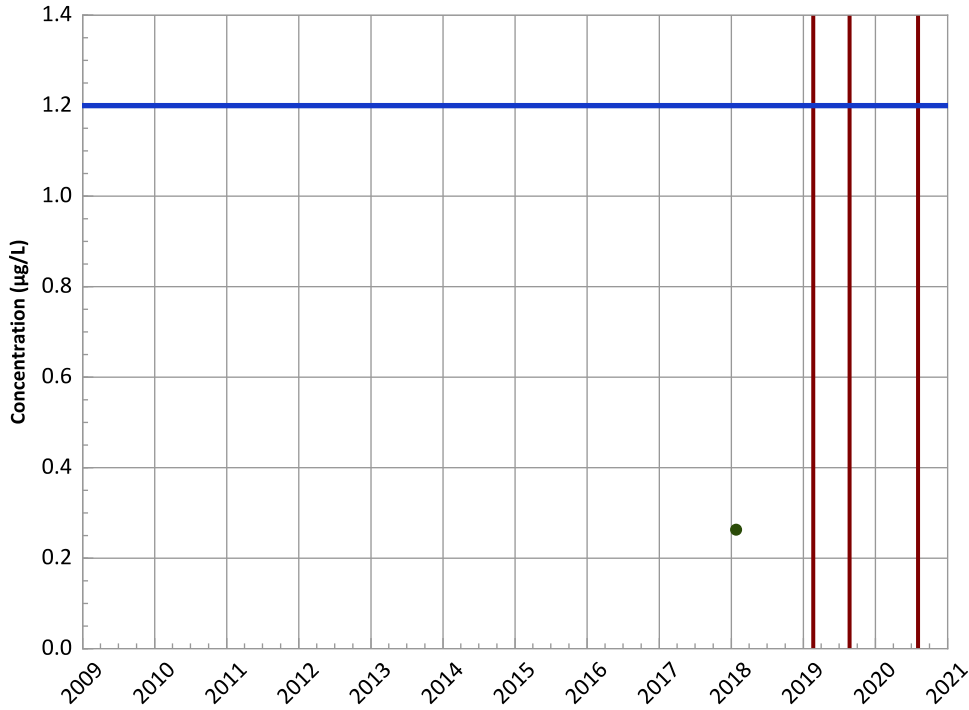


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

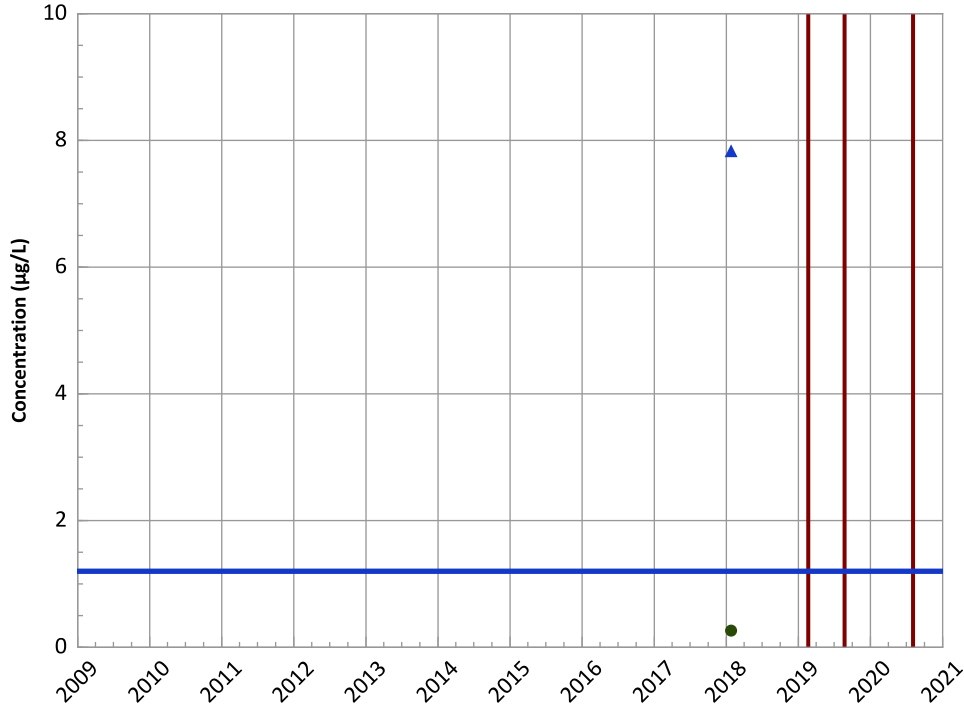


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

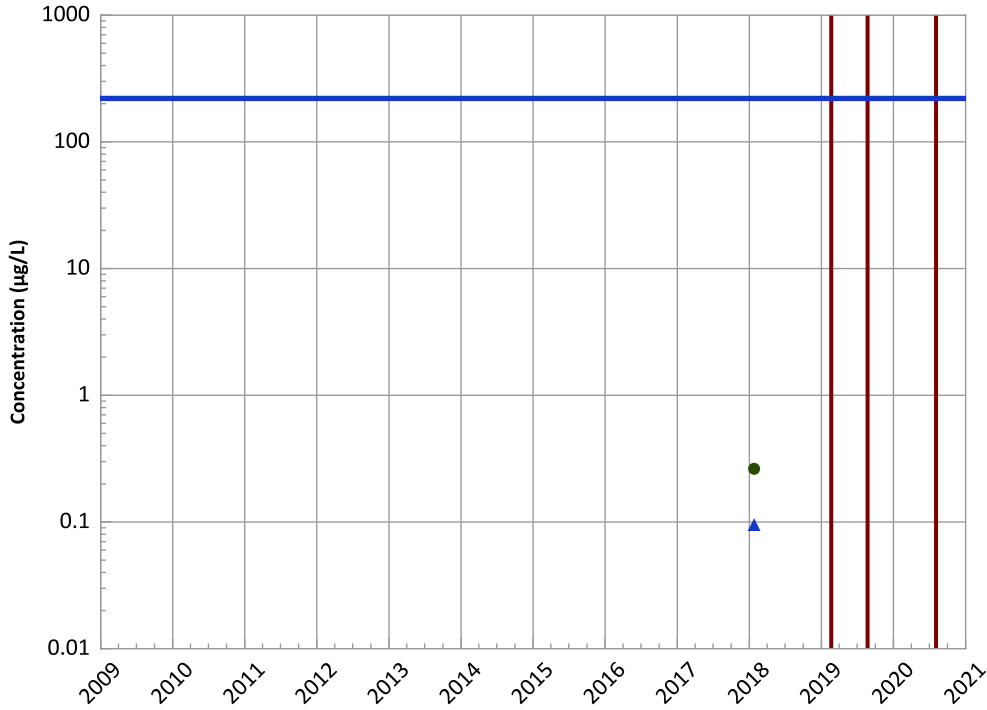


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

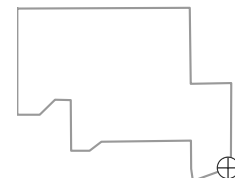


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

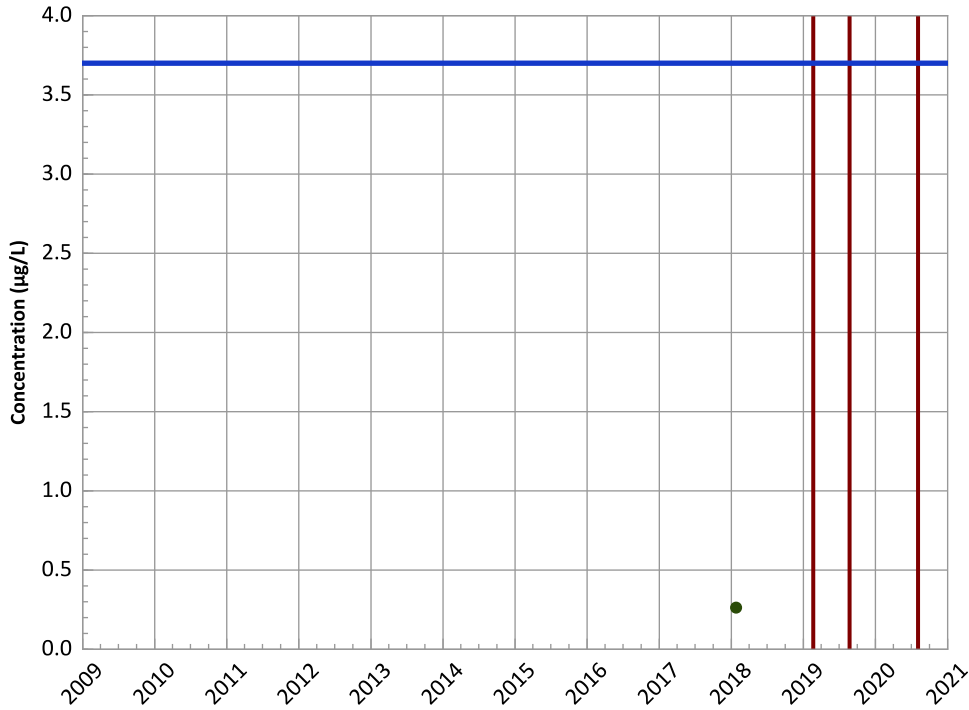


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

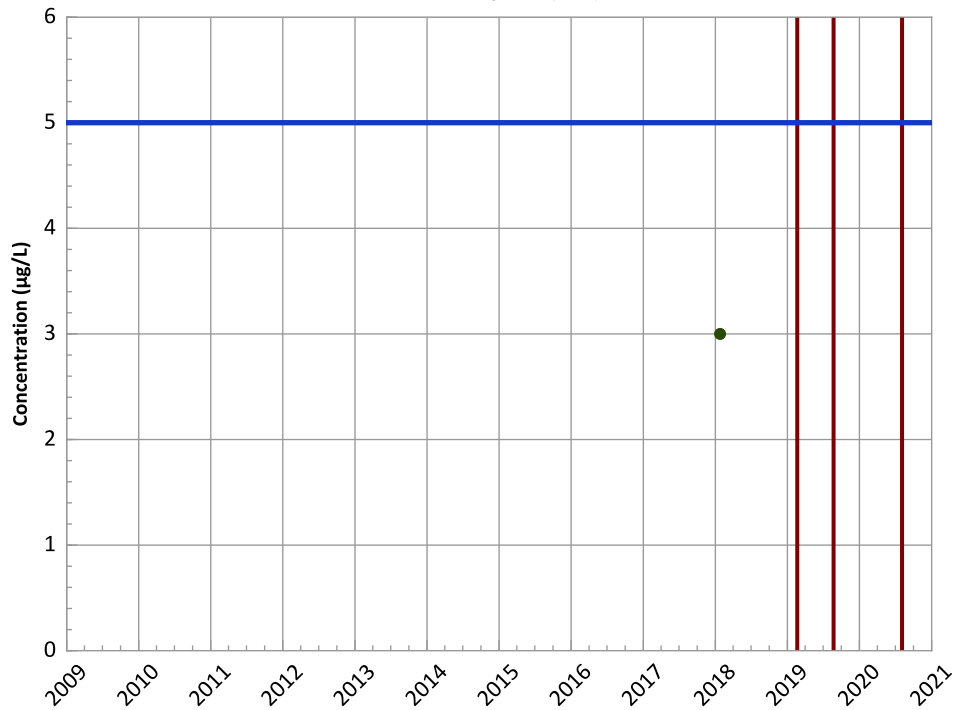


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

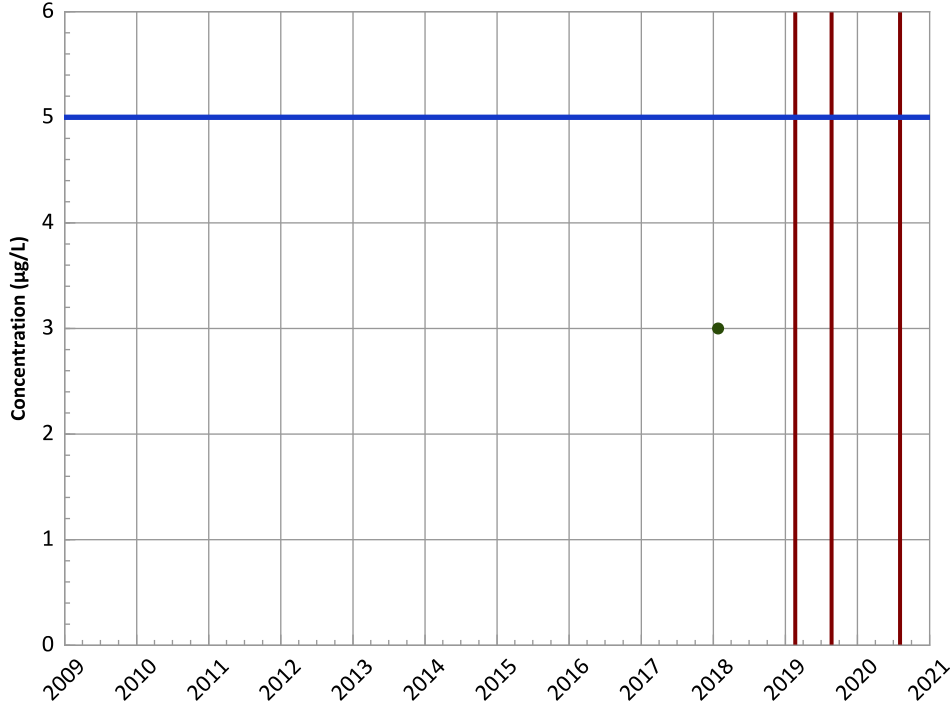


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

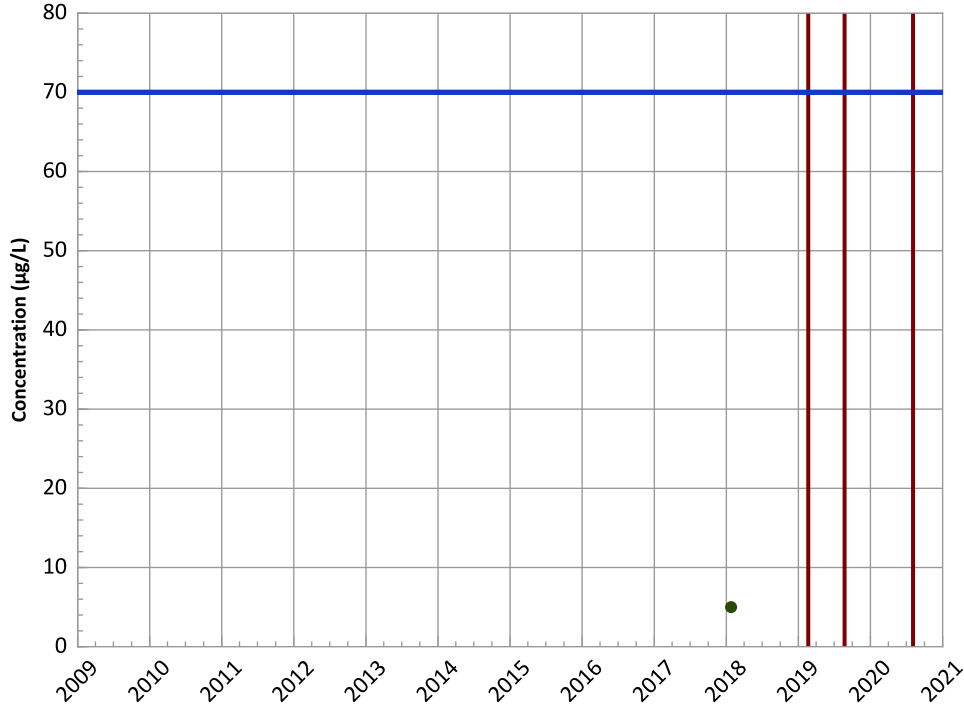


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend

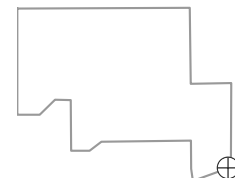


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

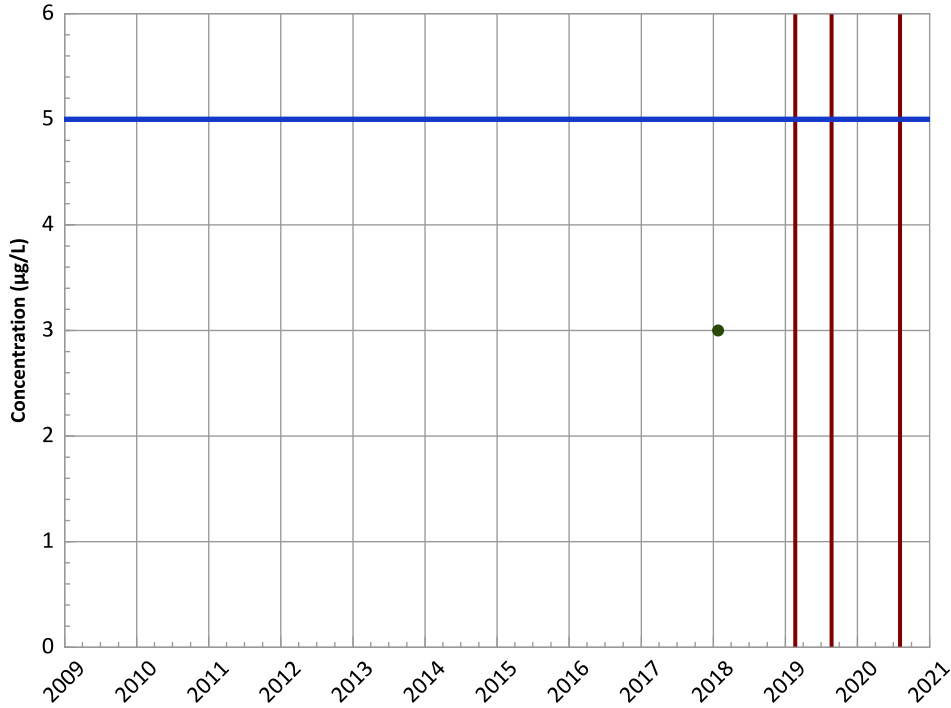


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

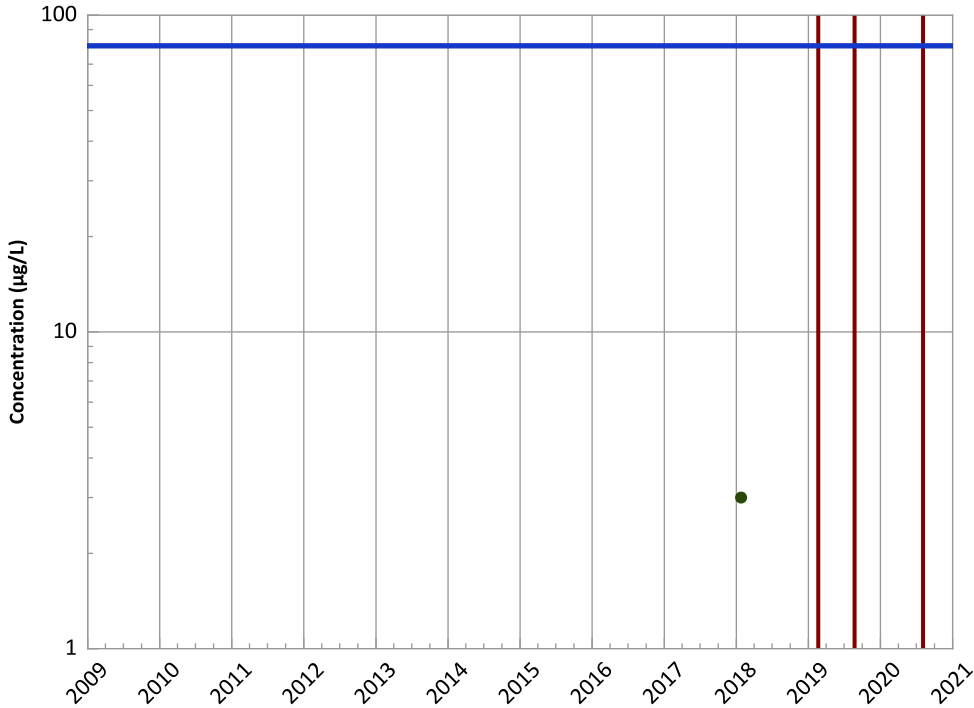
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

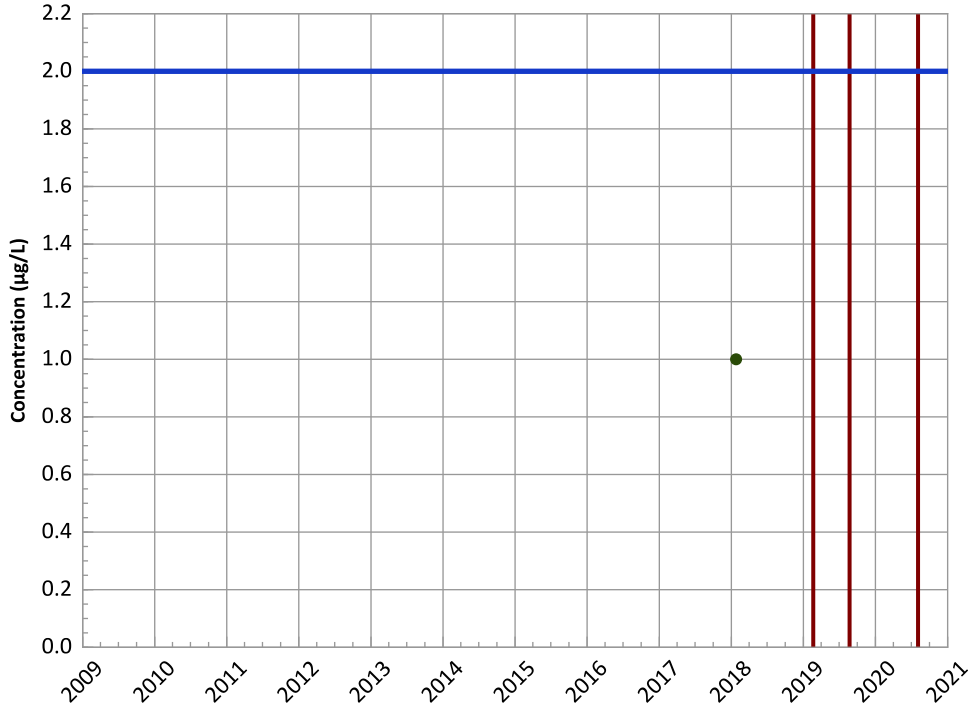
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

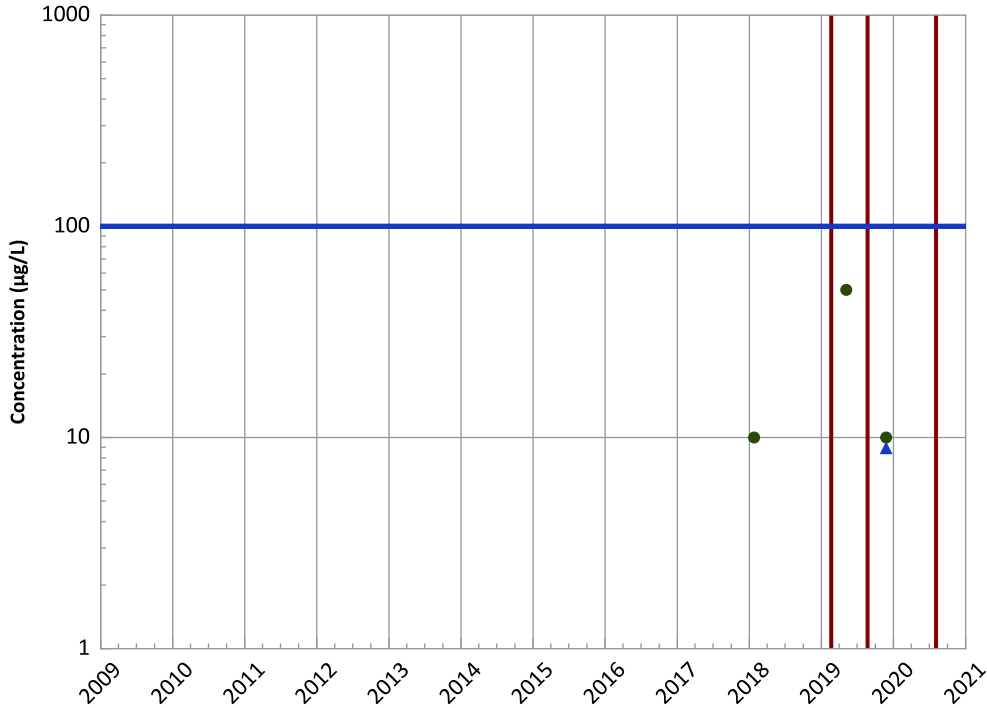
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

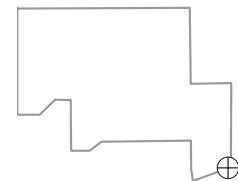
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

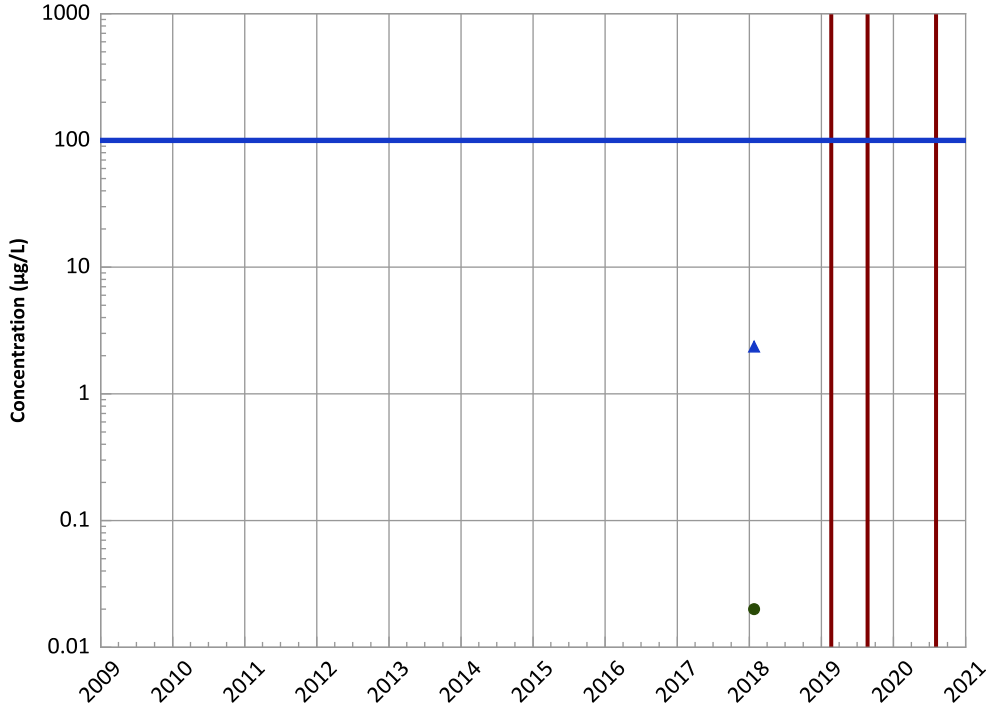


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

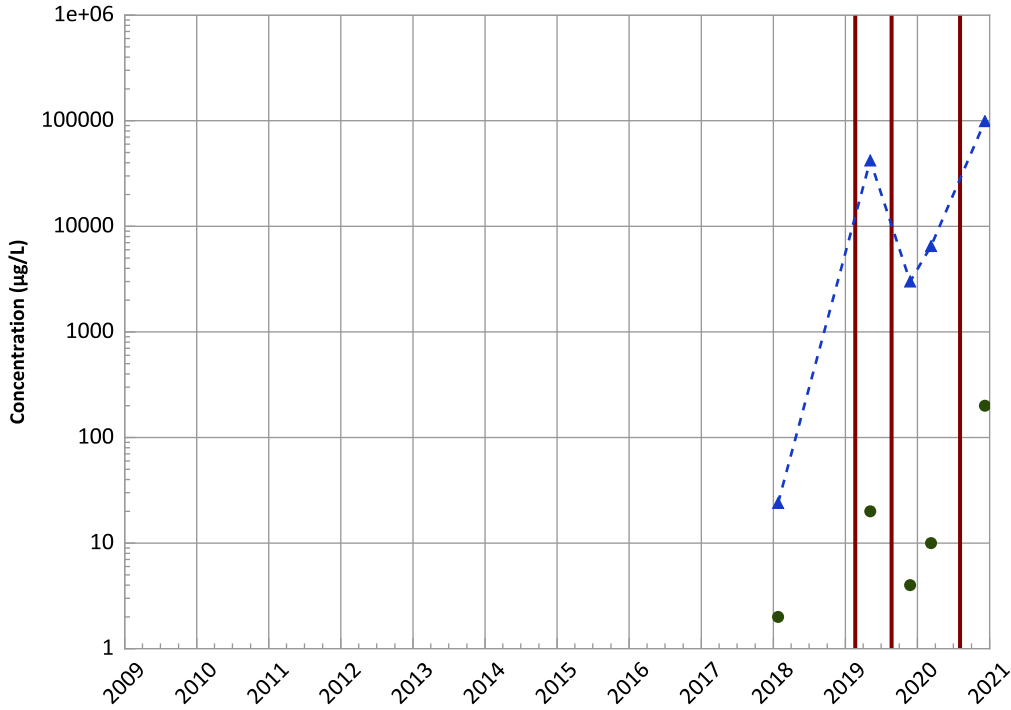
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

No Trend' 'No Trend

MAROS Linear Regression Method

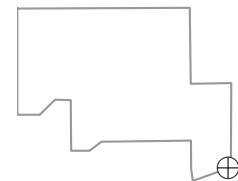
Data (7/2009 - 12/2020):

Increasing' 'Increasing

2018 - 2020 Data:

No Trend' 'No Trend

Well Location

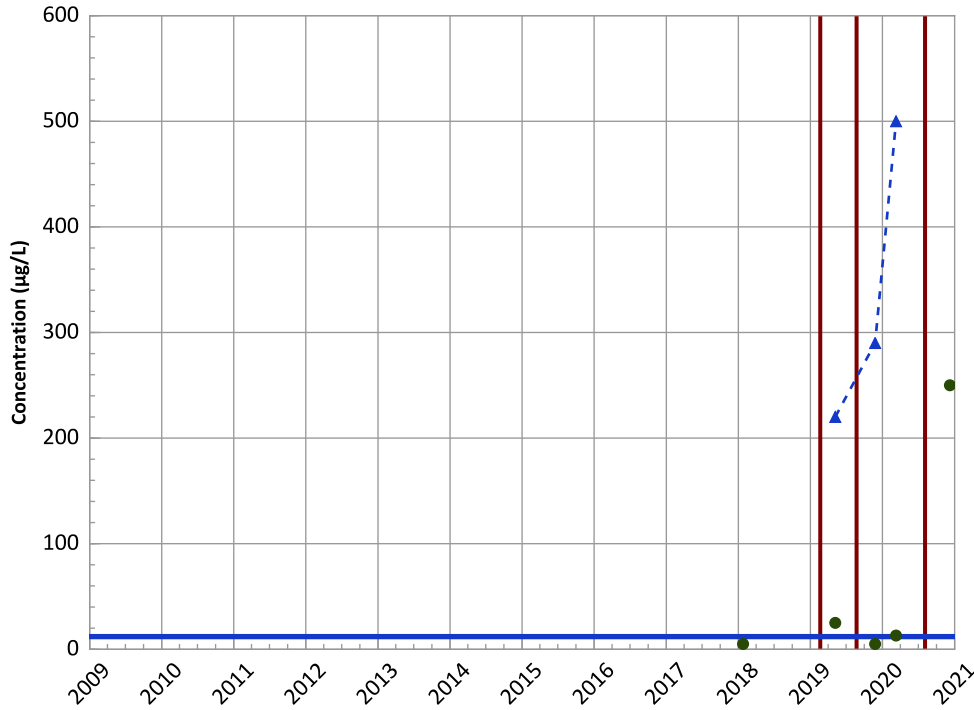


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

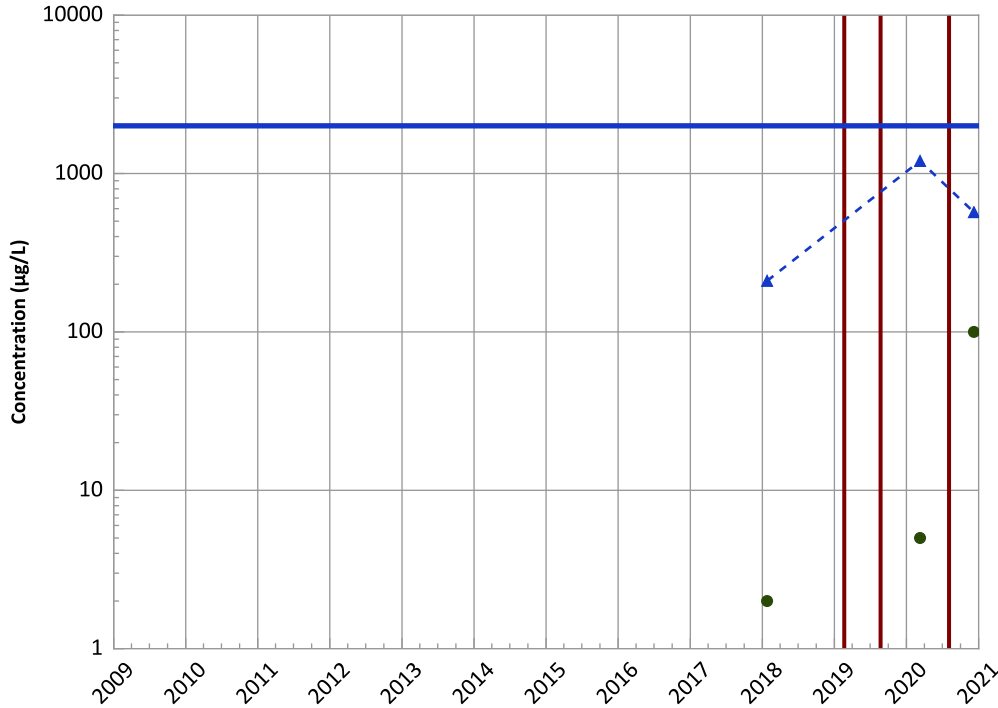


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Barium Trend

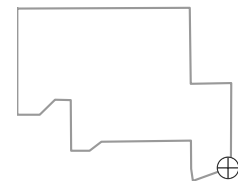


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

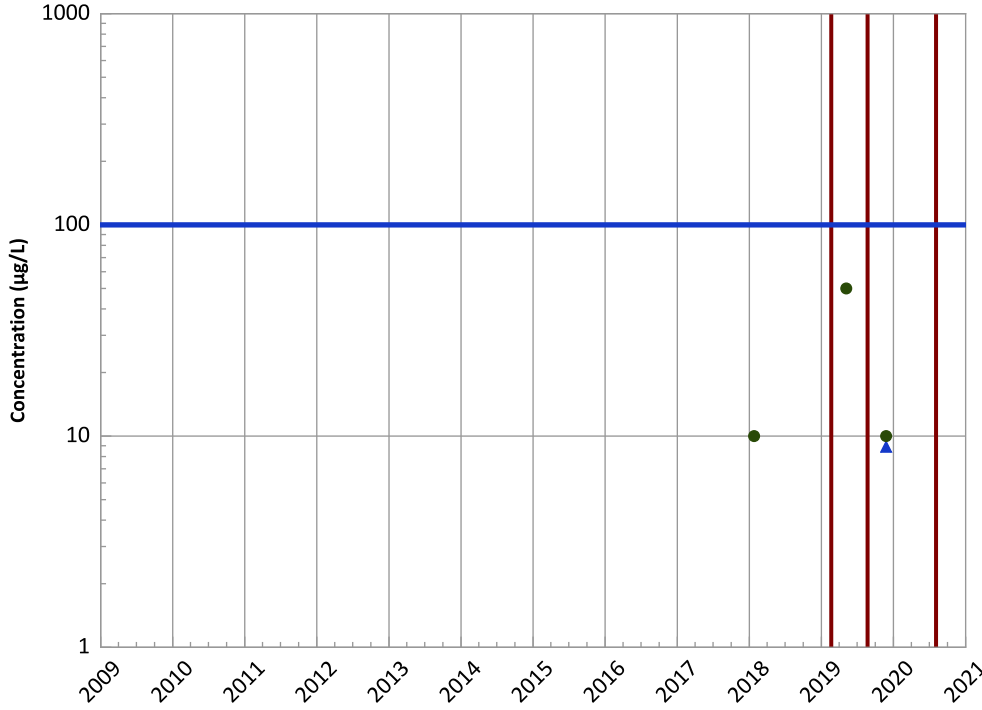


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

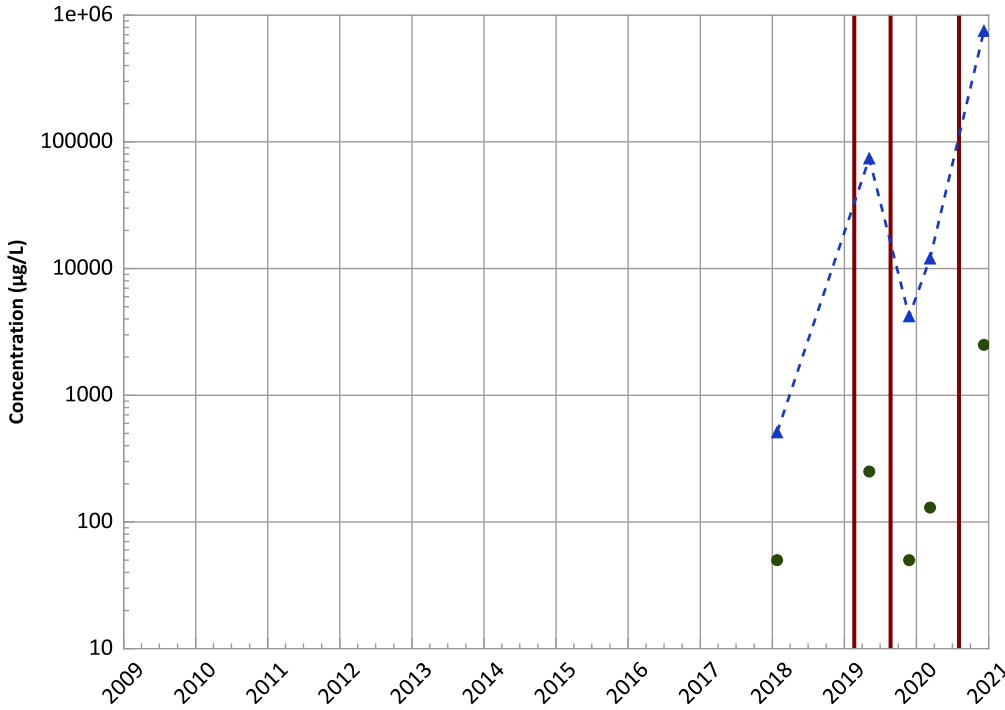
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

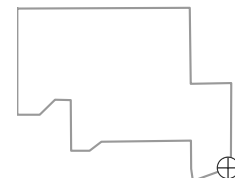
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
No Trend

Well Location

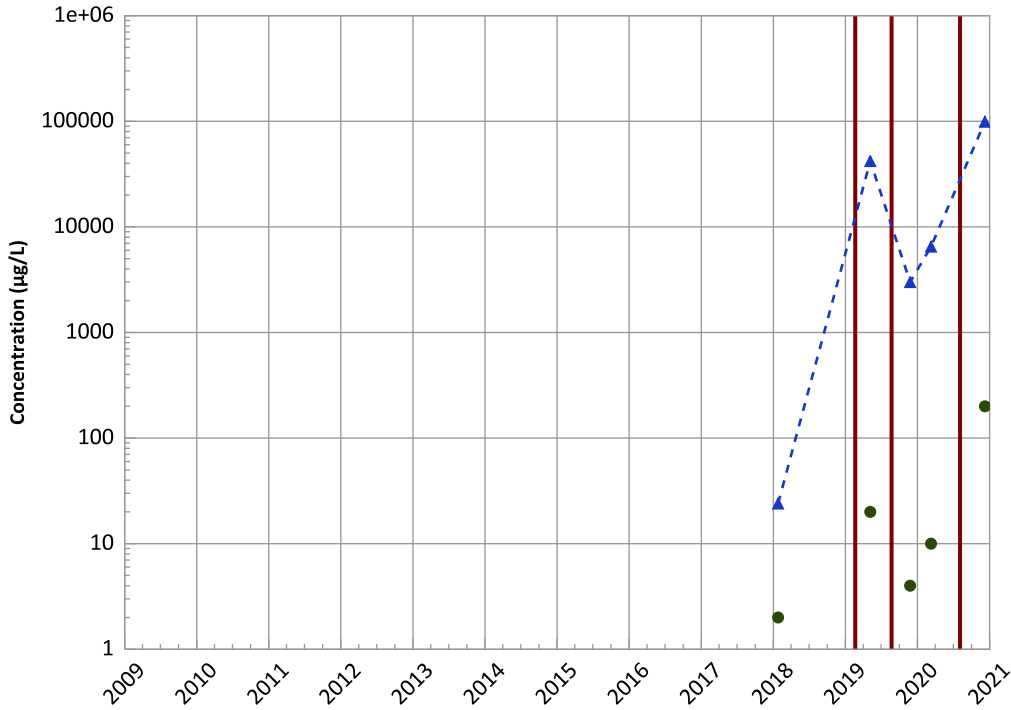


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

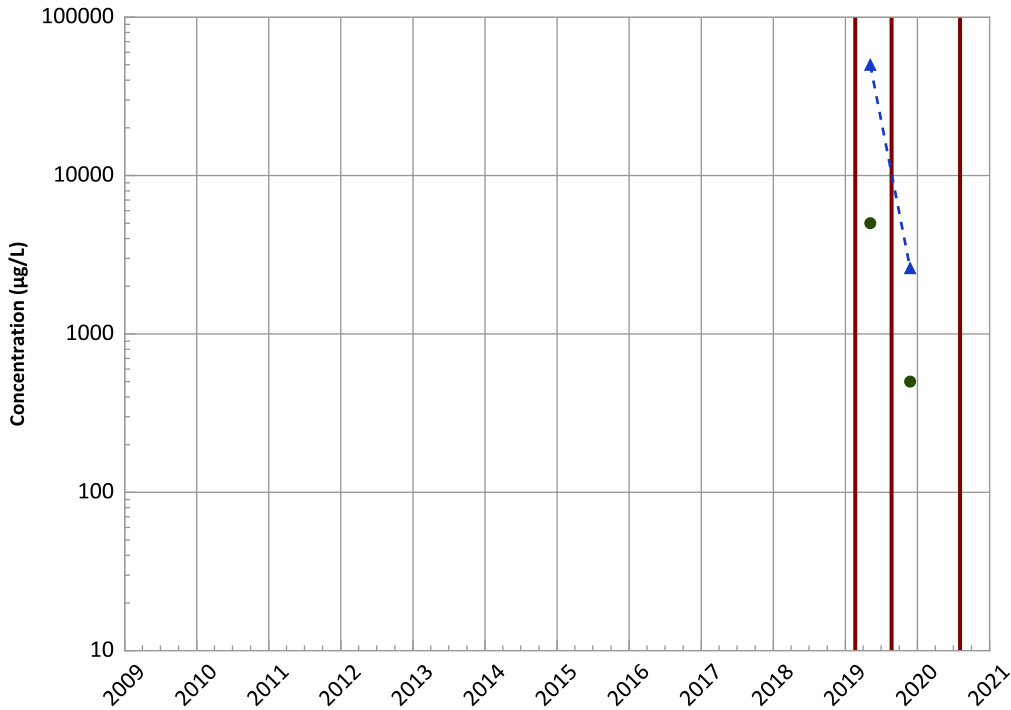


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend' No Trend
2018 - 2020 Data:
No Trend' No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing' Increasing
2018 - 2020 Data:
No Trend' No Trend

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

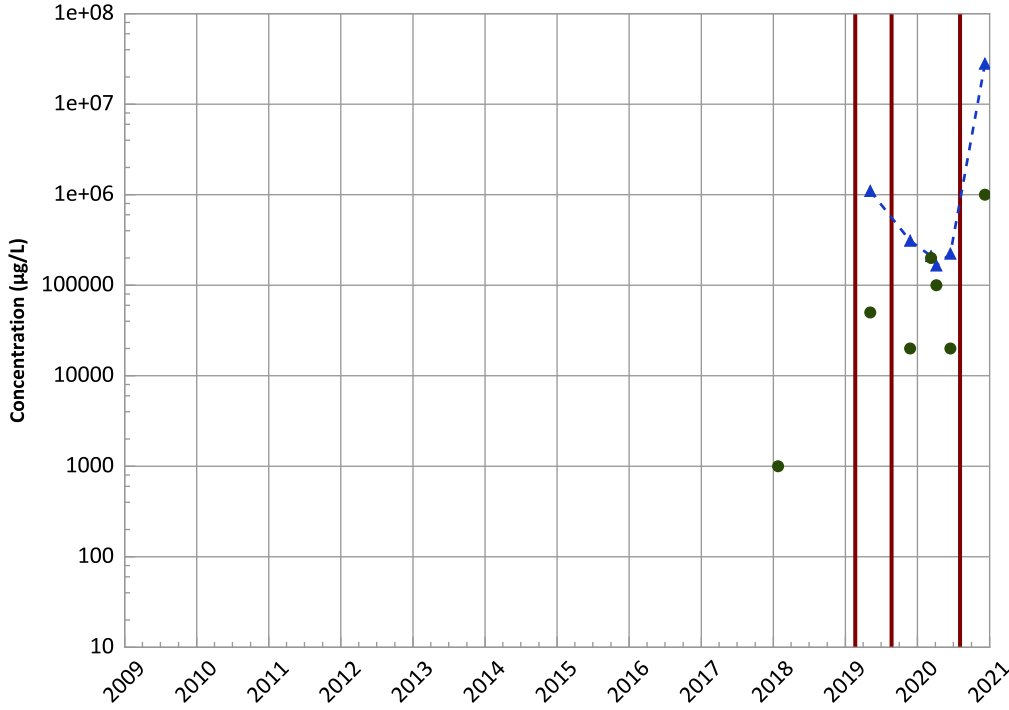


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

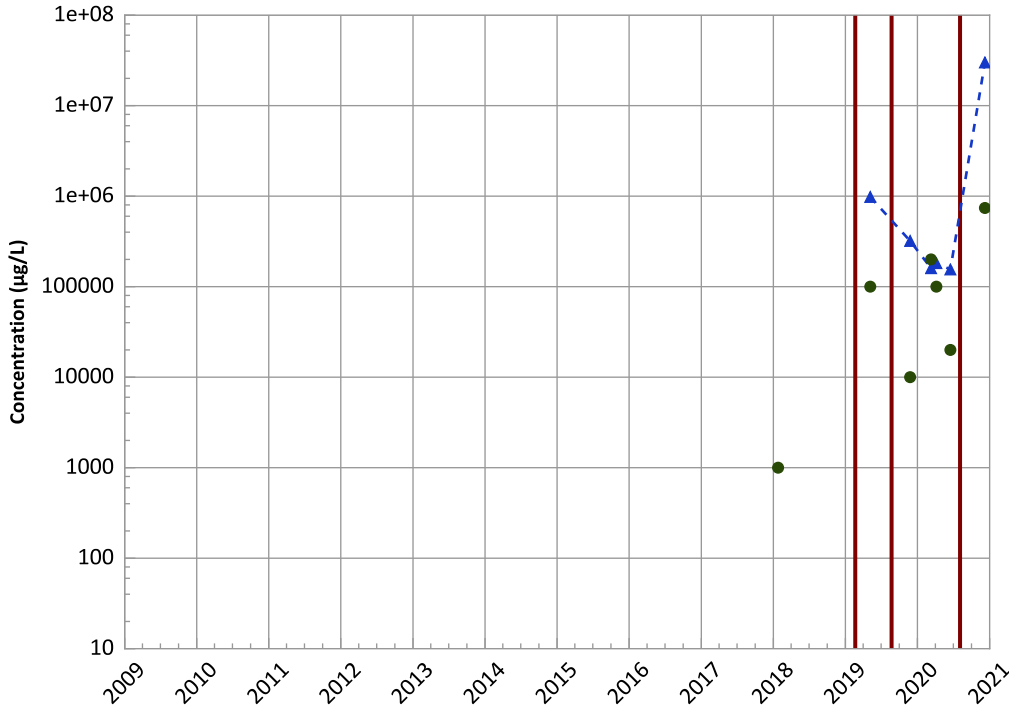


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend

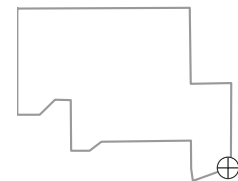


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

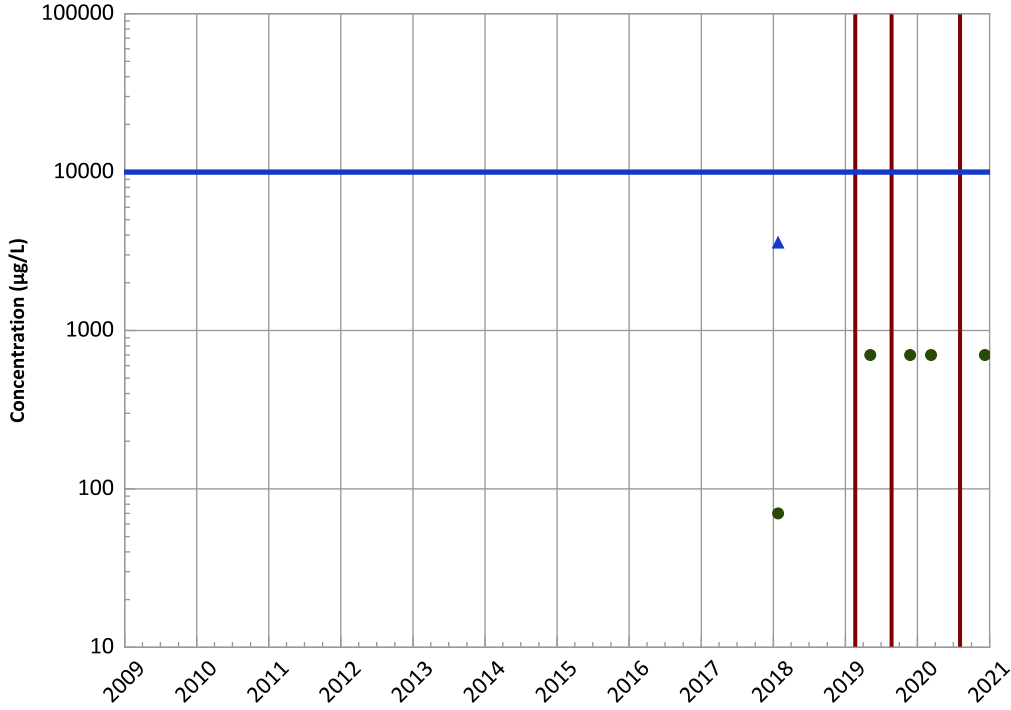


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

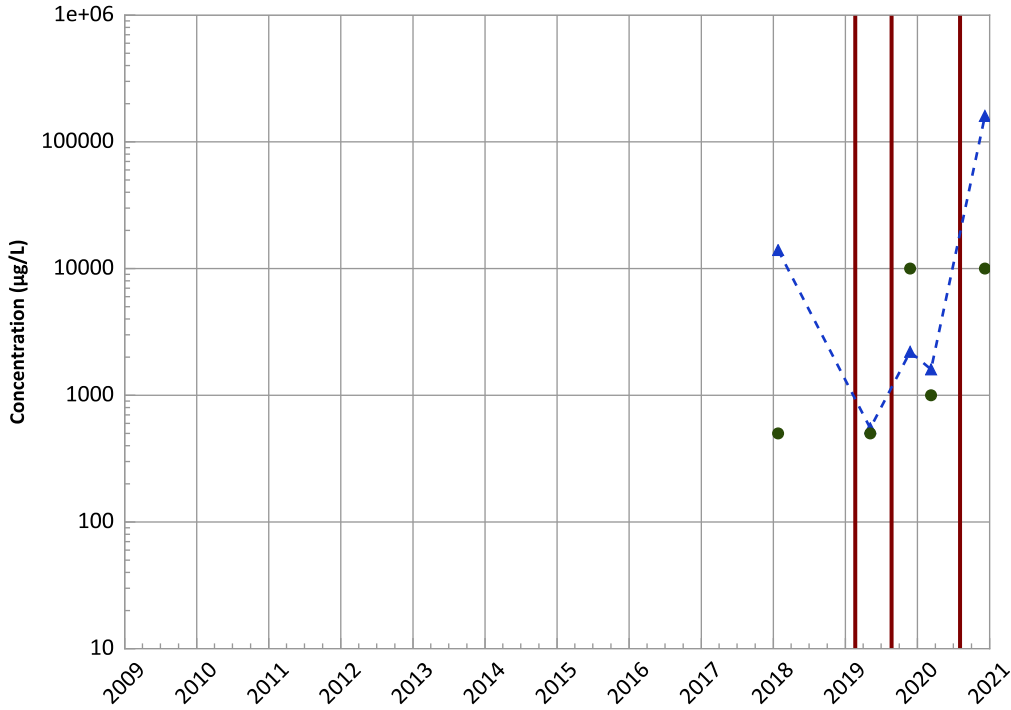


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

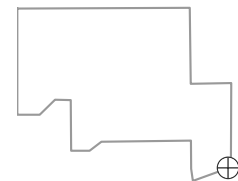


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

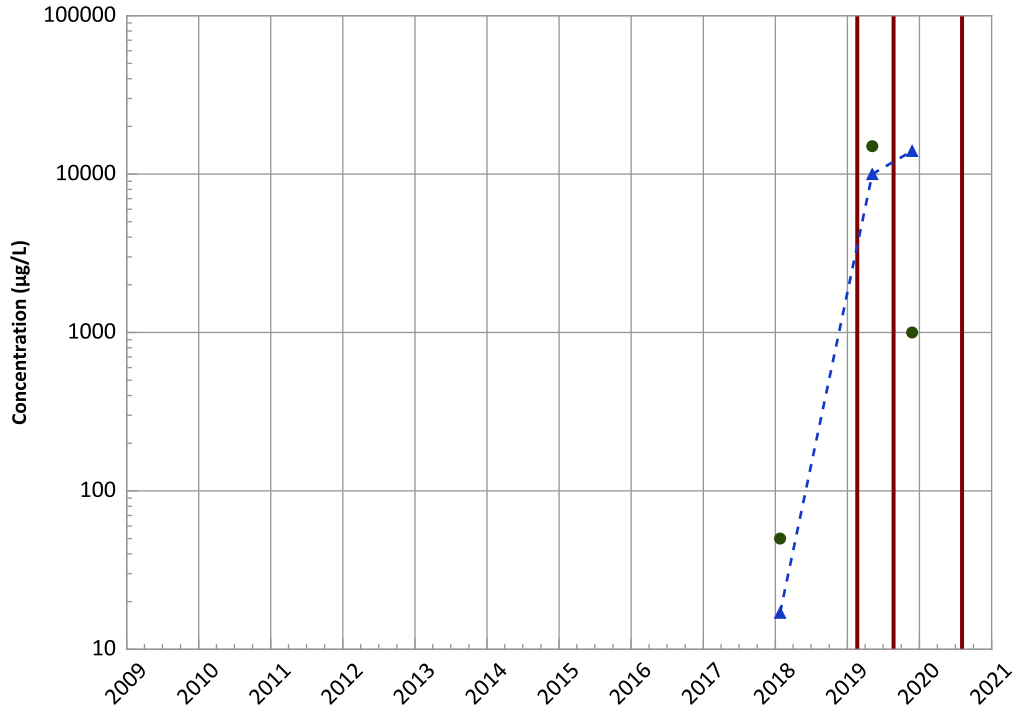
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/25/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB321 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

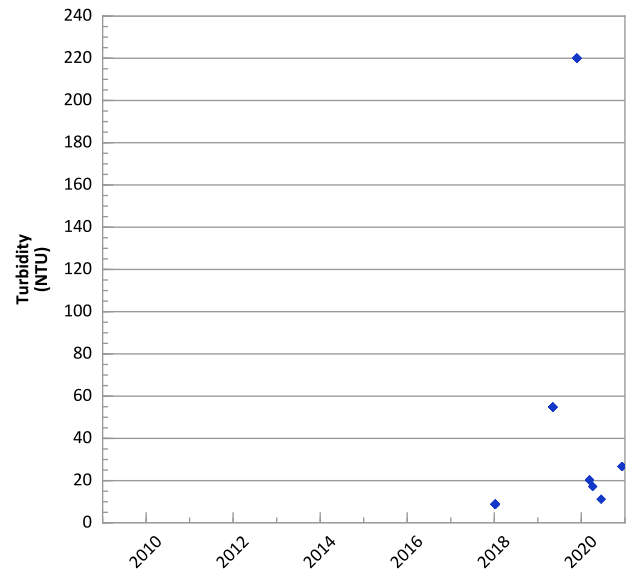
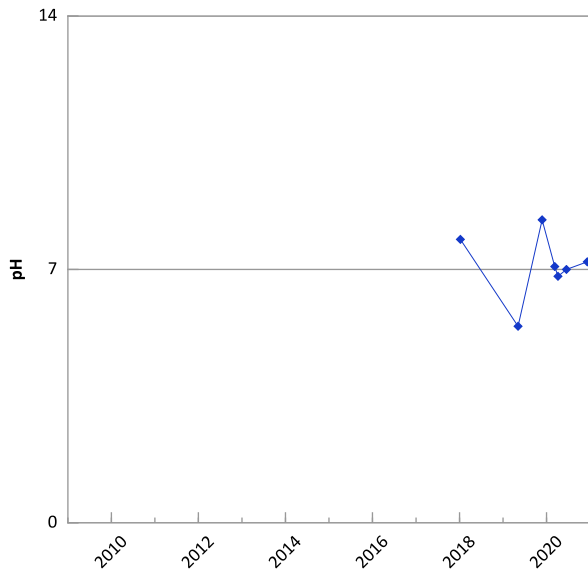
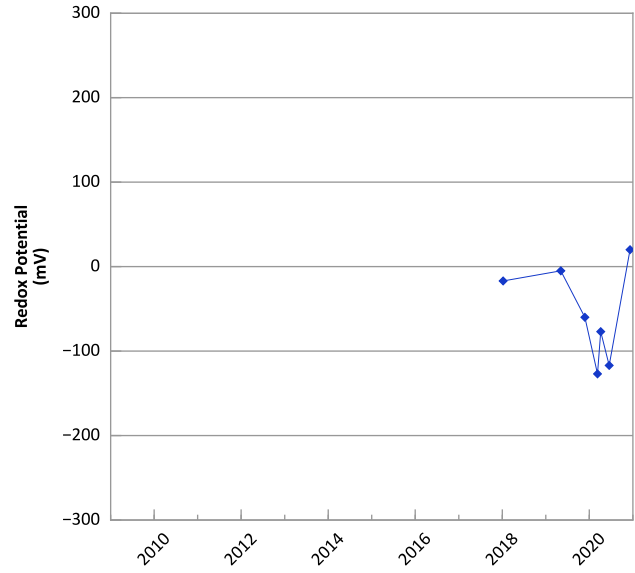
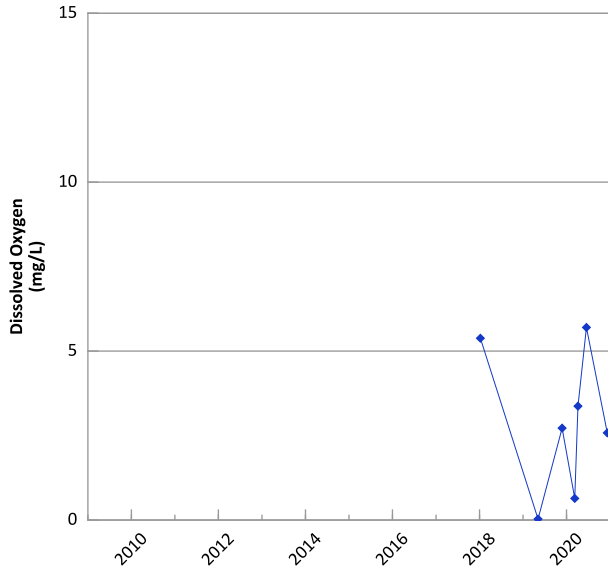
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 01/25/2018 to 12/08/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

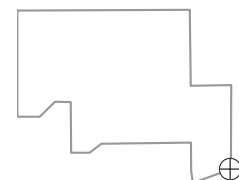


**PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



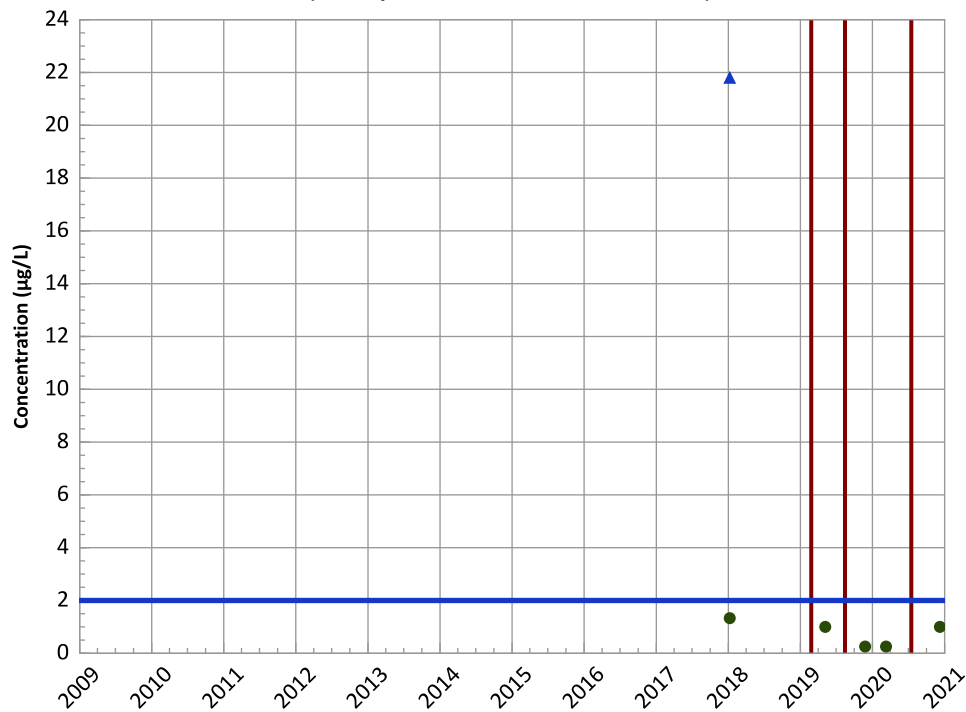
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 01/08/2018 to 12/08/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

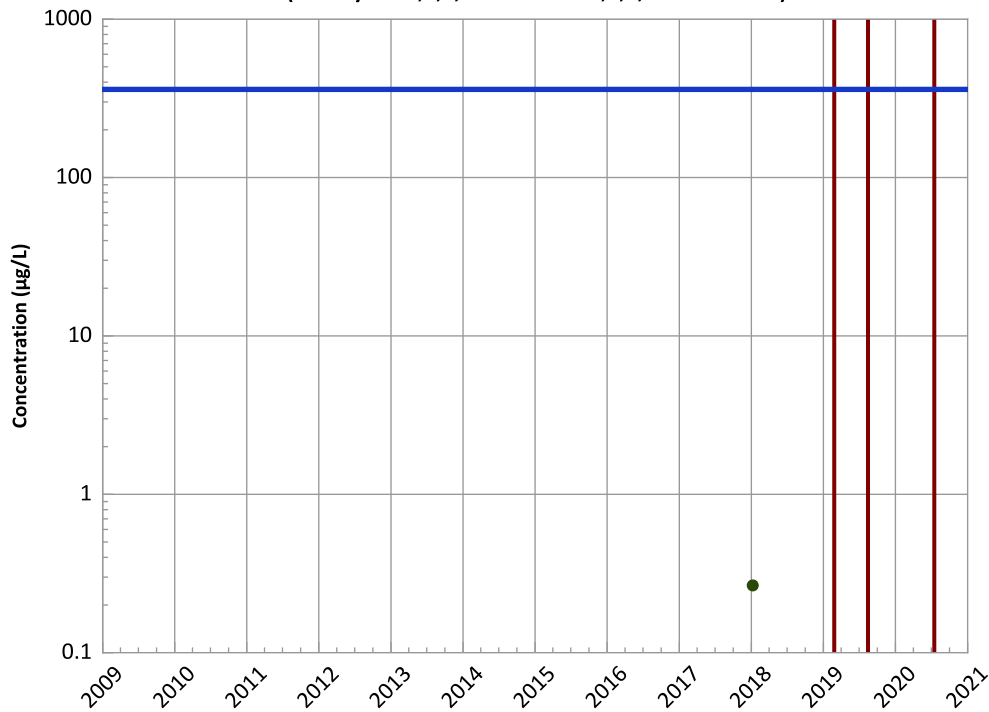


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 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 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

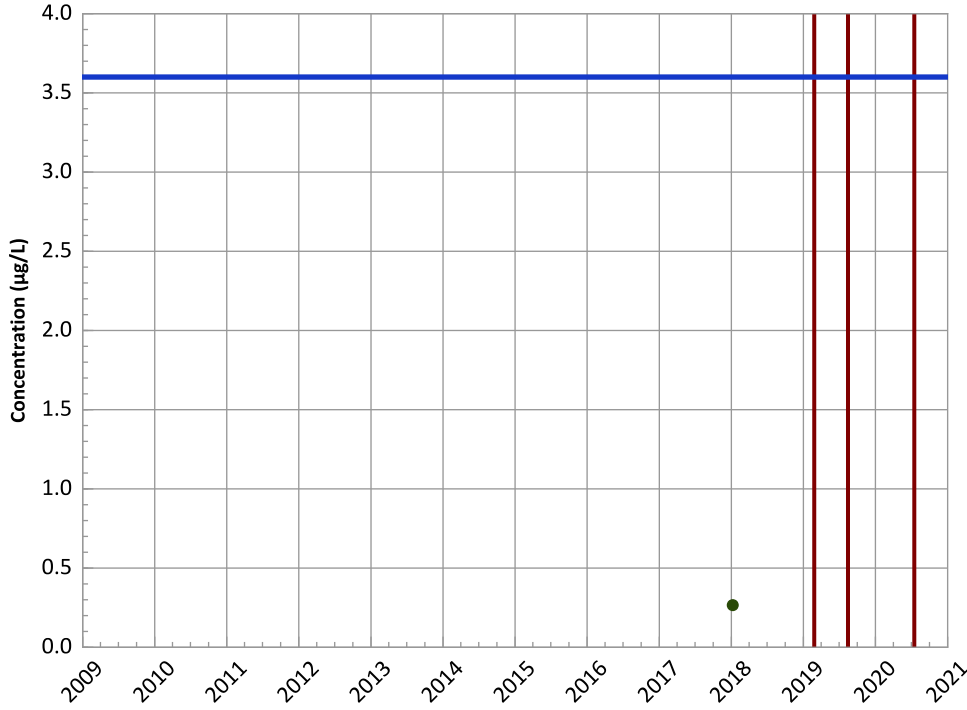


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

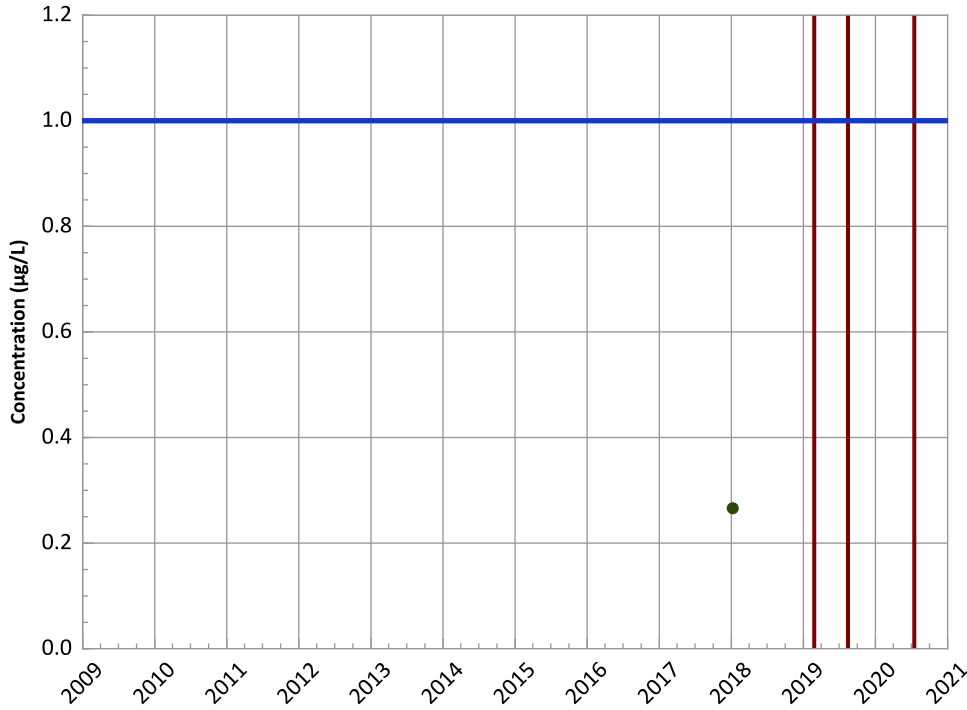
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

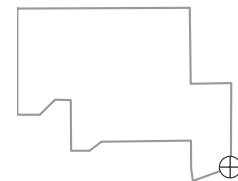
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

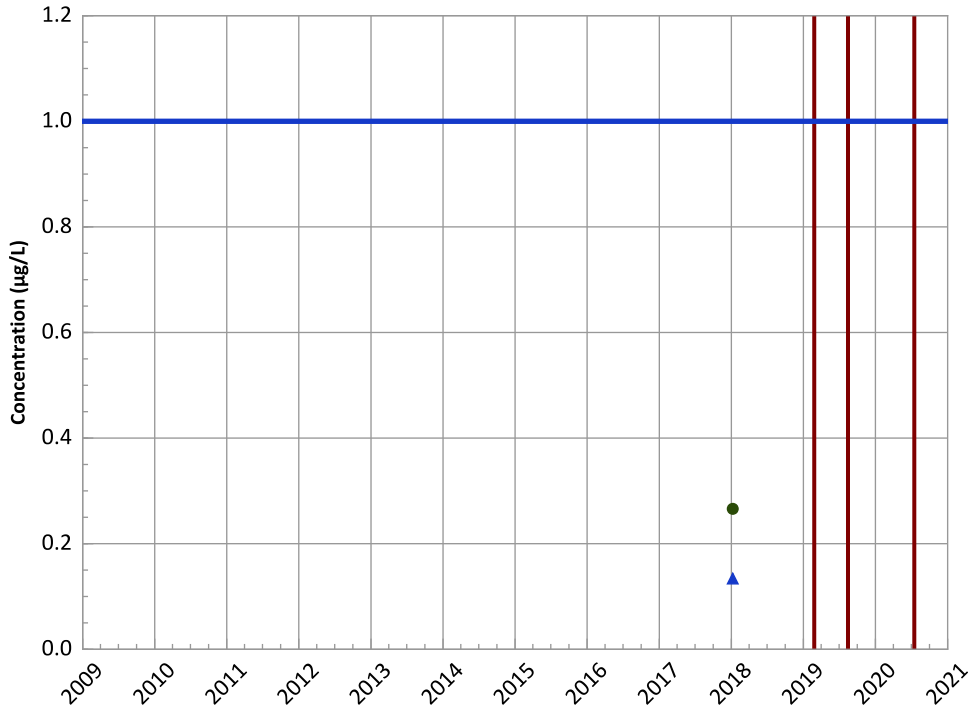


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

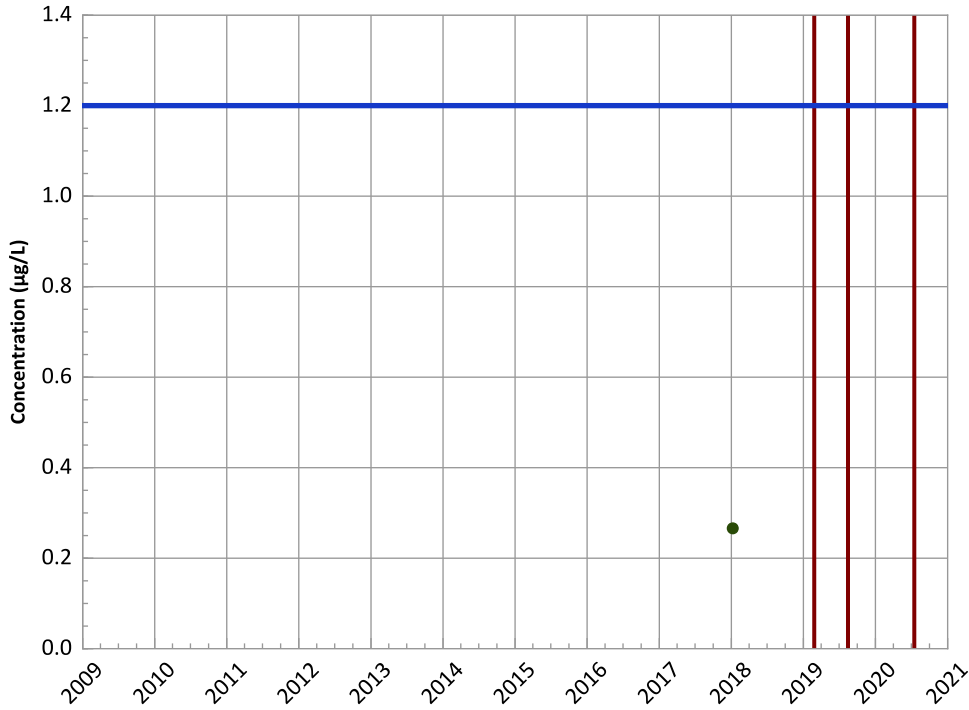


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

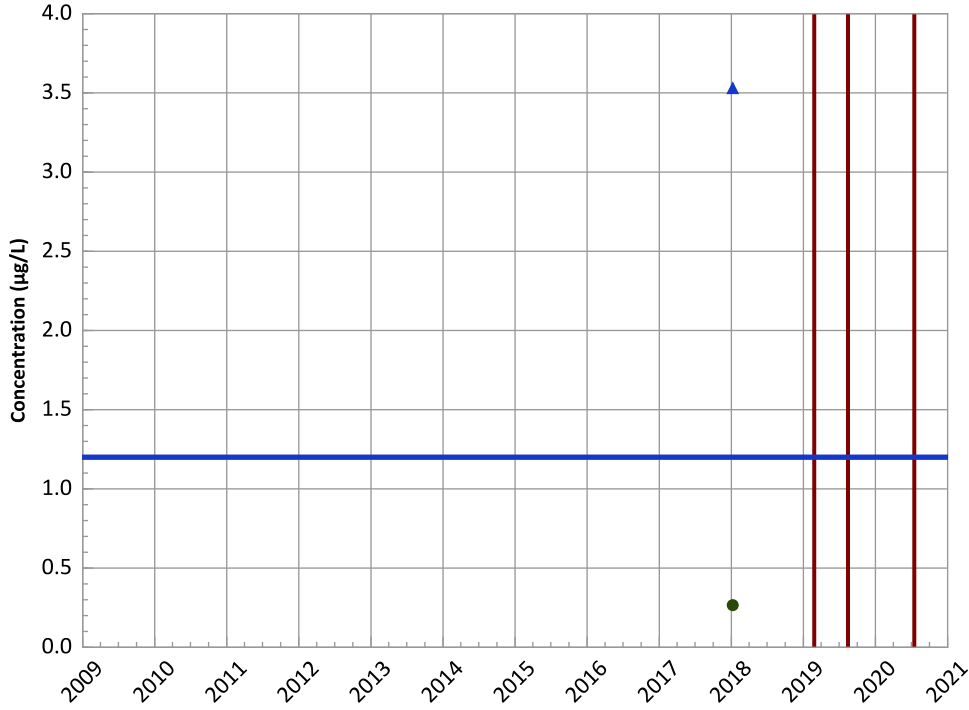


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

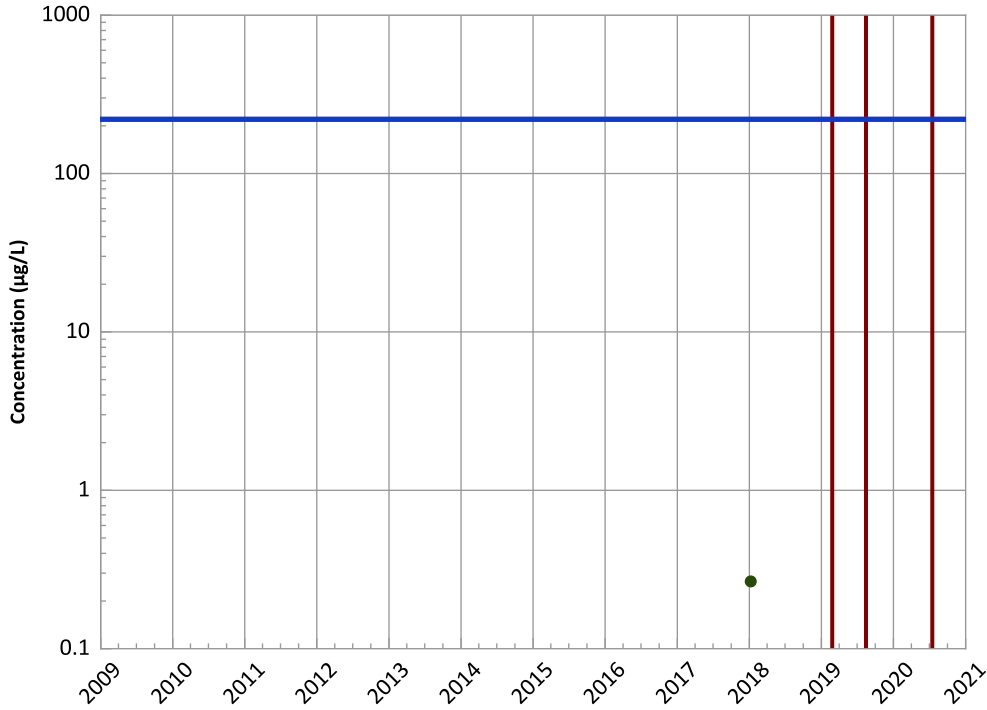


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

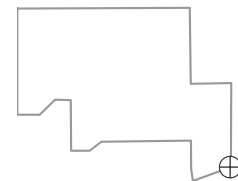


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

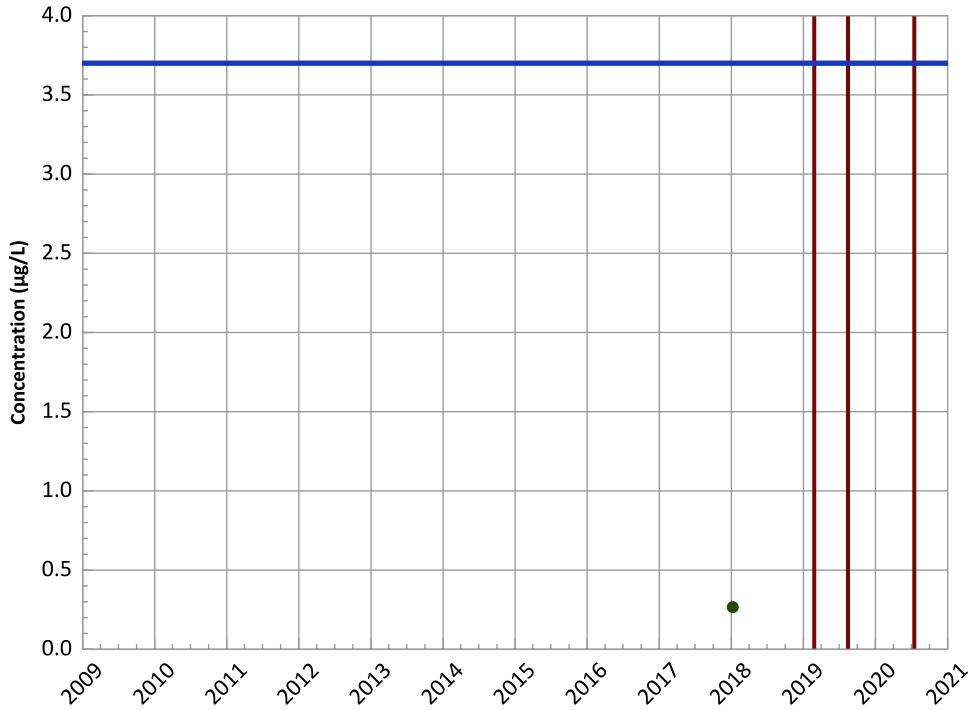


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

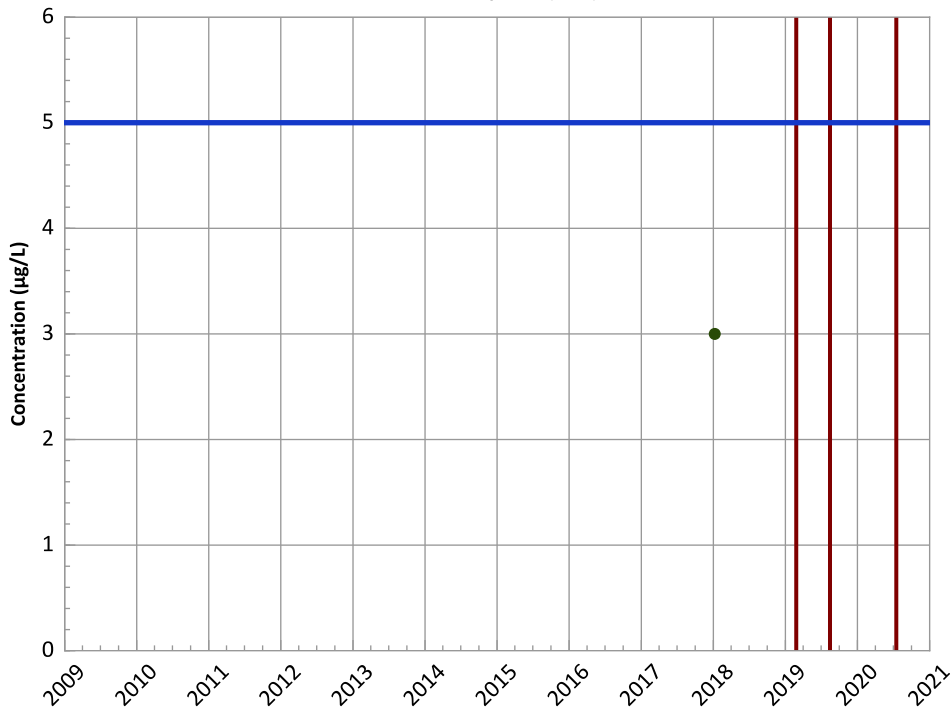


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

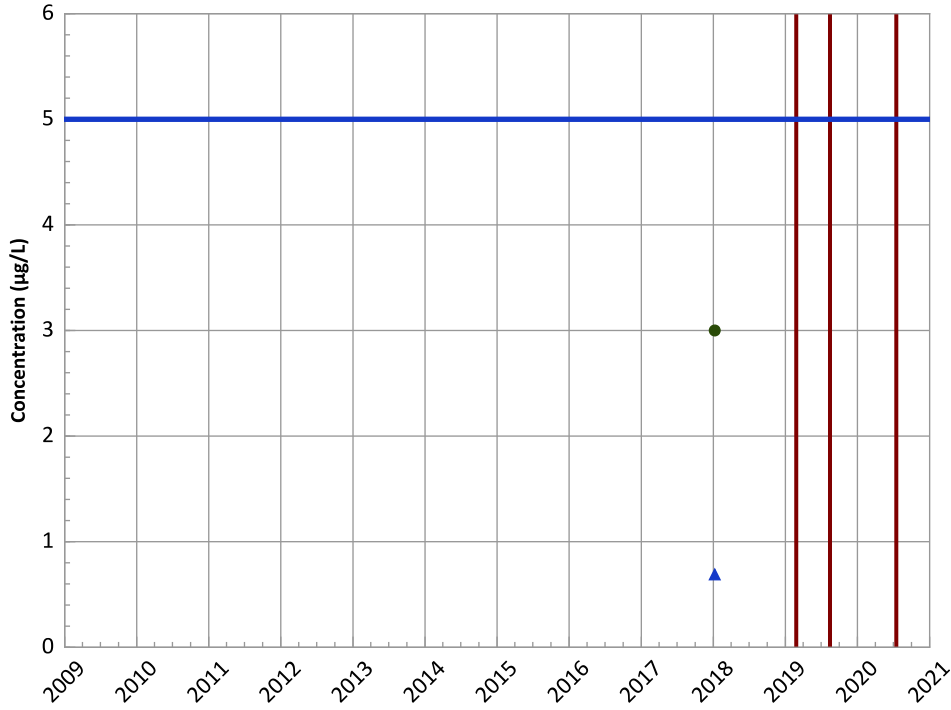


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

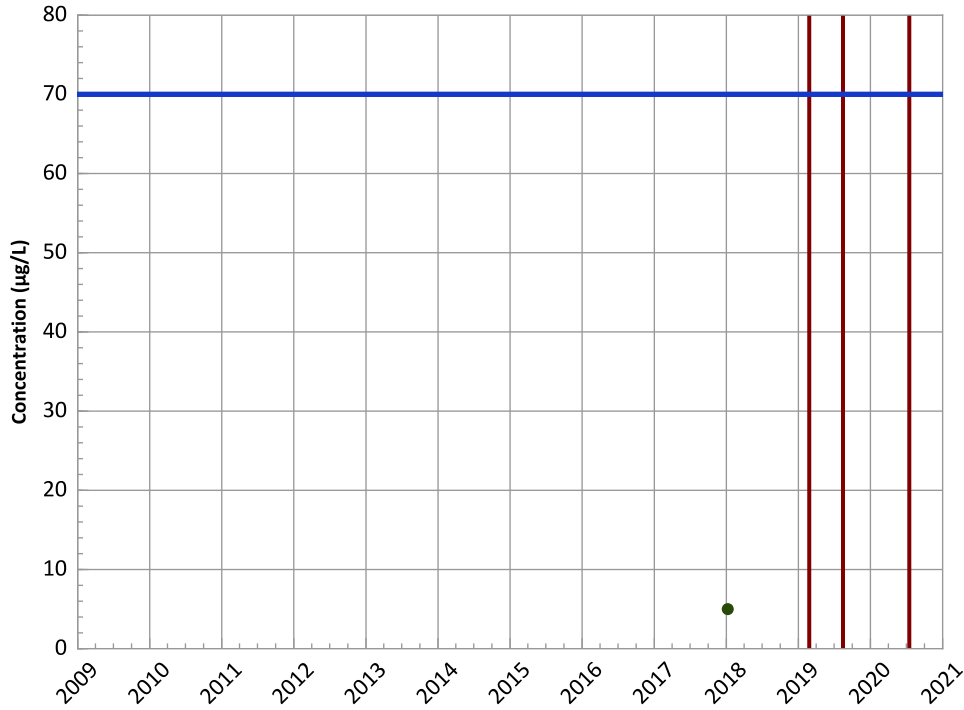


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

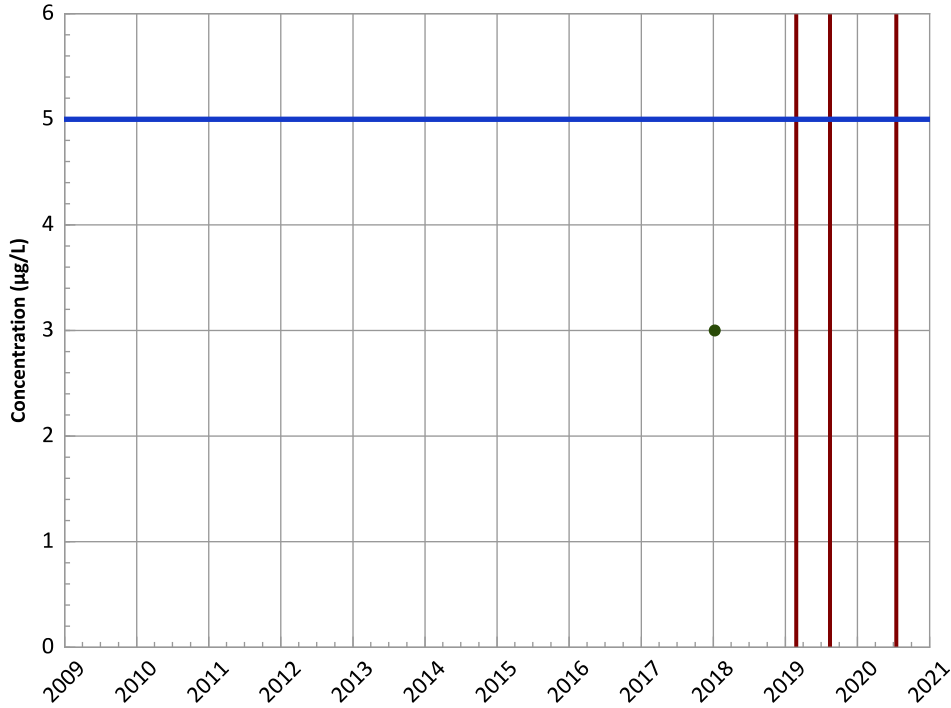


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

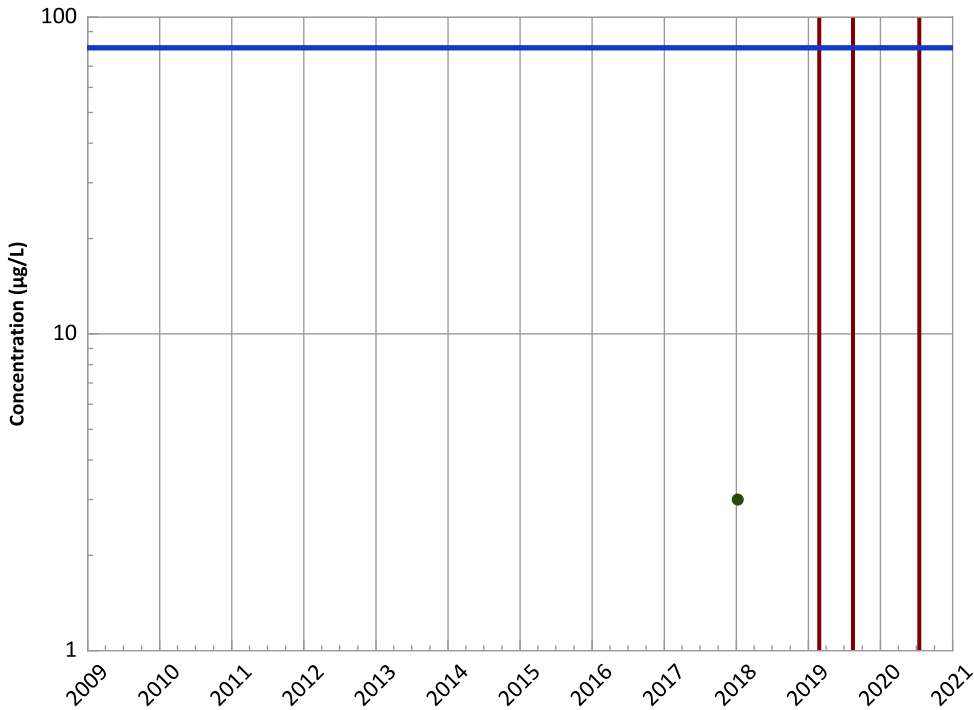


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

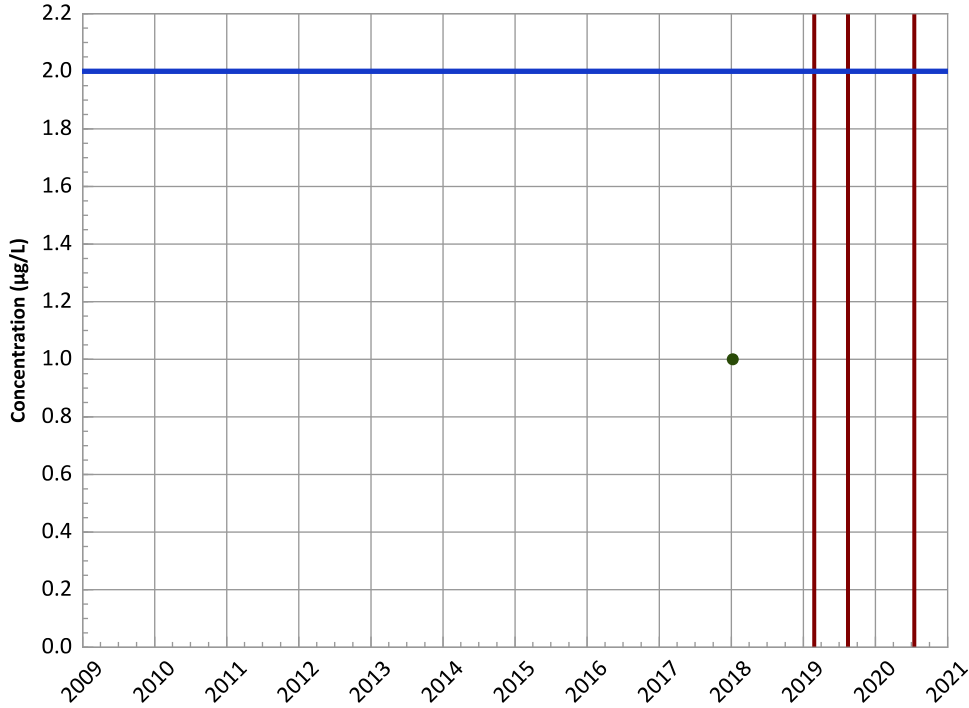
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

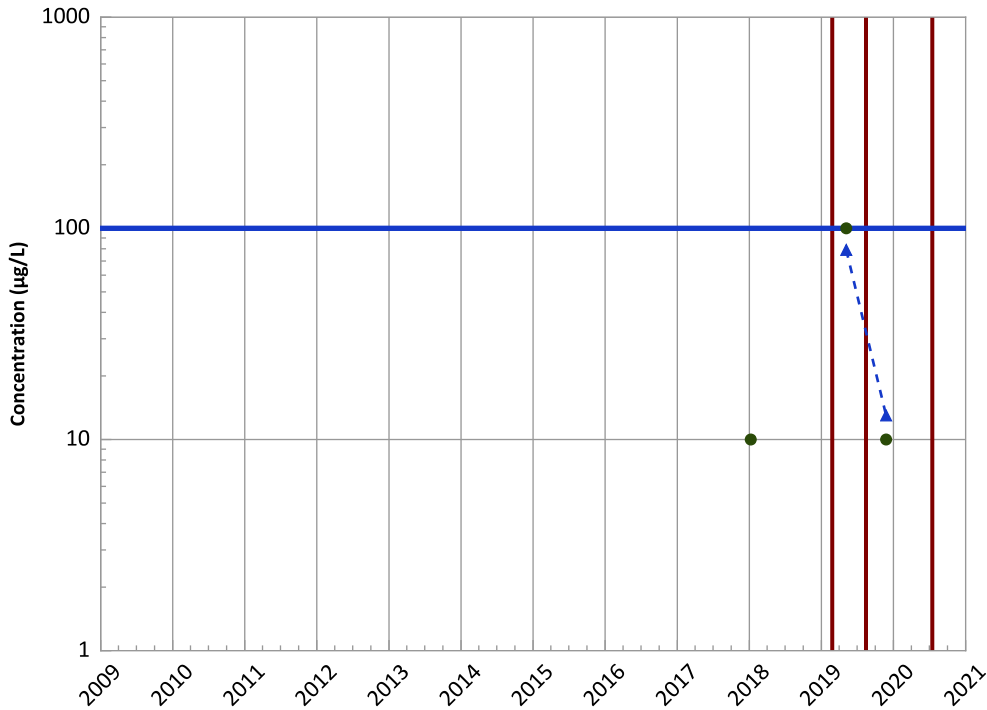


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chromium, Total Trend

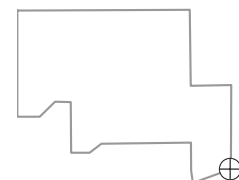


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

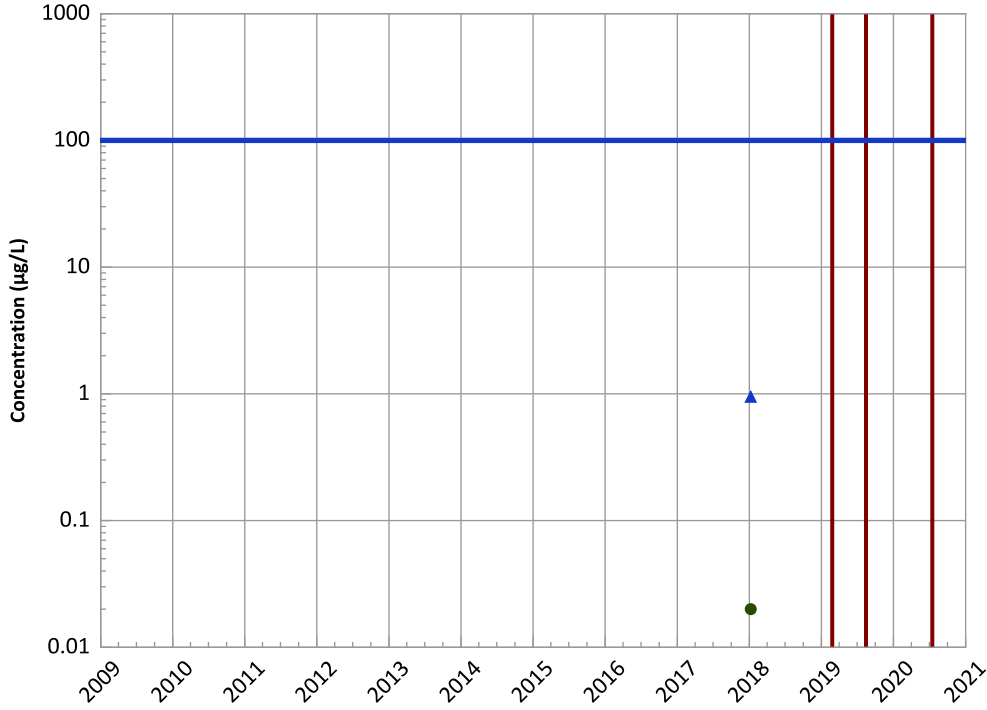


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

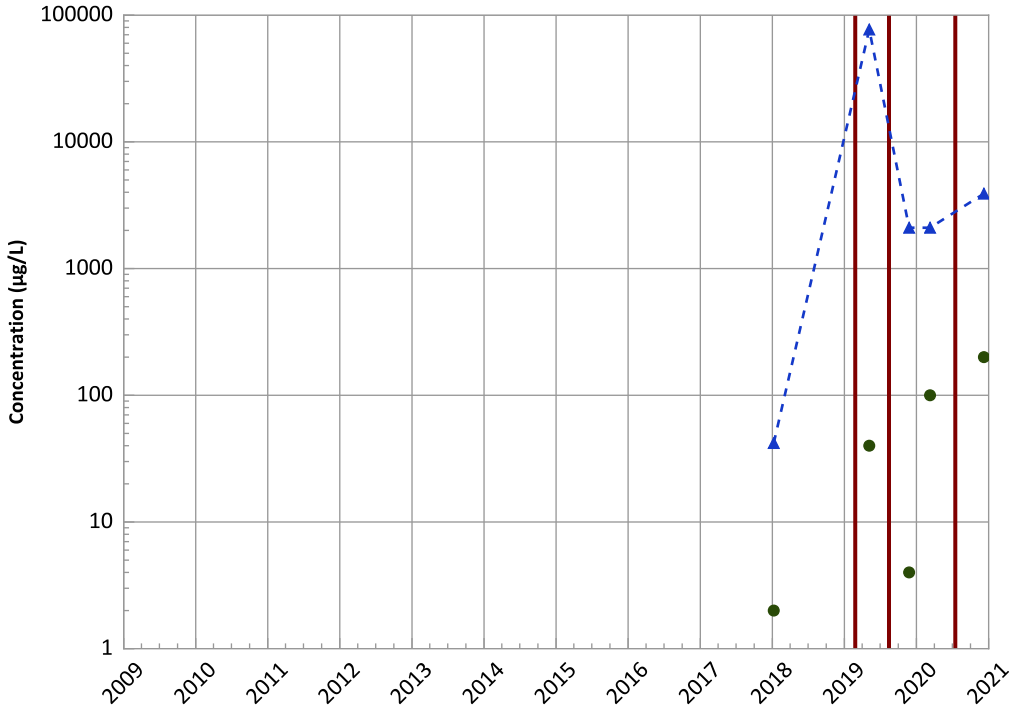
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

Probably Decreasing' 'Probably Decreasing

Well Location

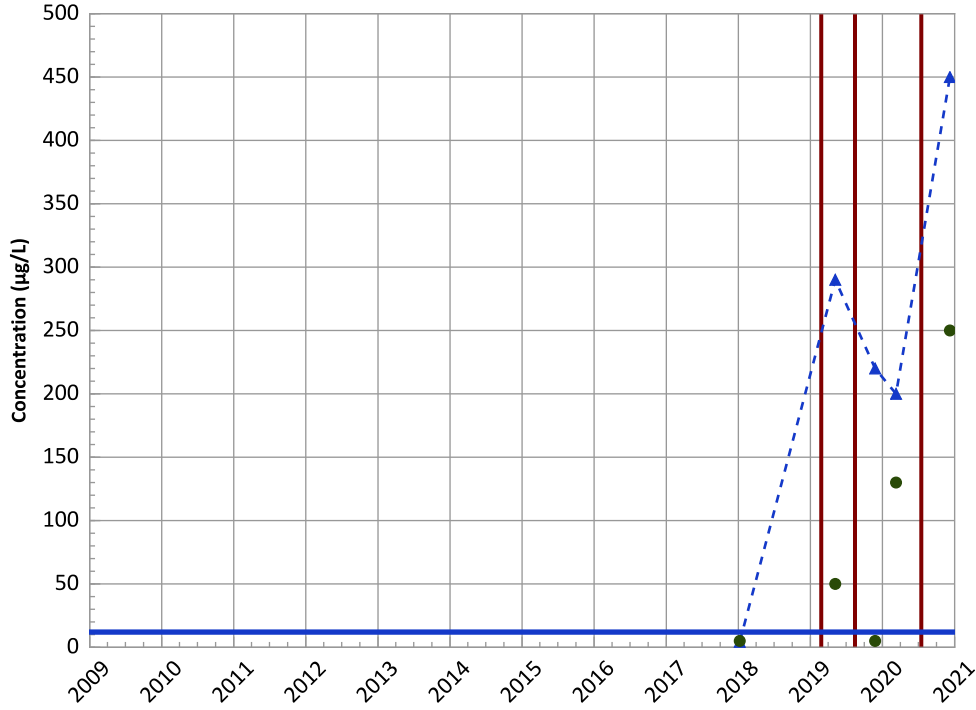


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

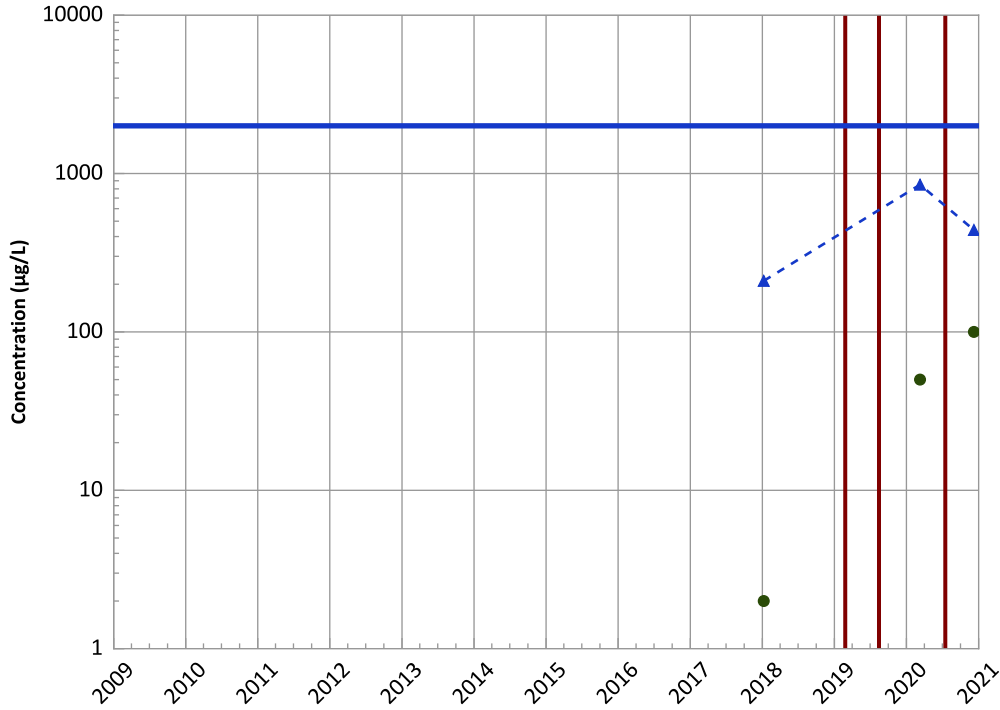


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Increasing
2018 - 2020 Data:
No Trend

Barium Trend

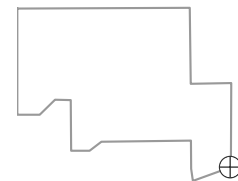


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

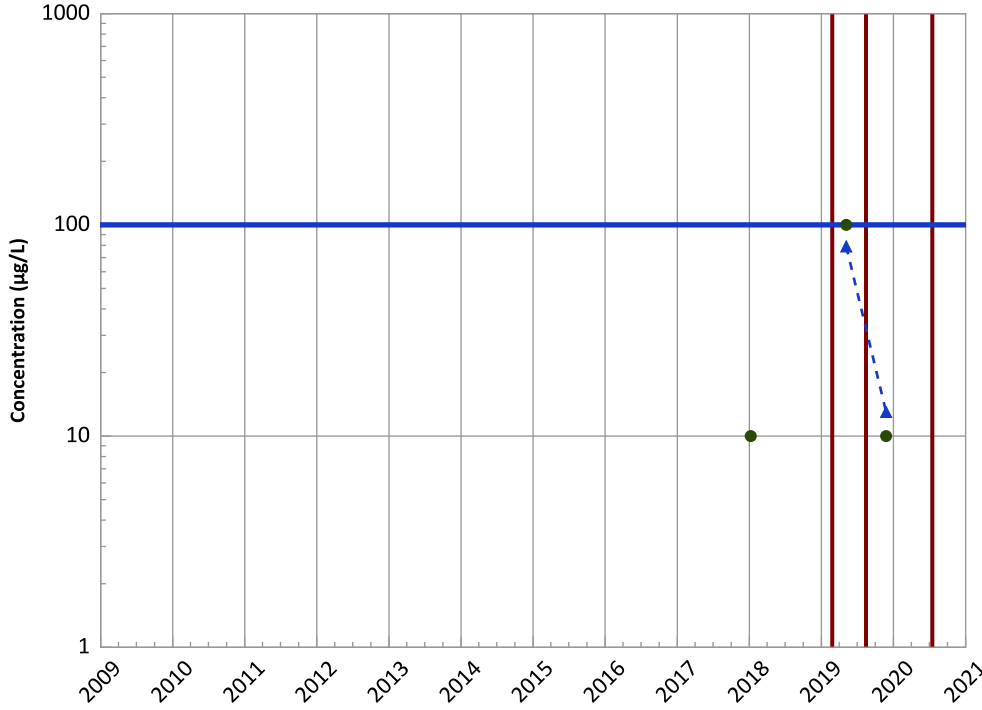


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

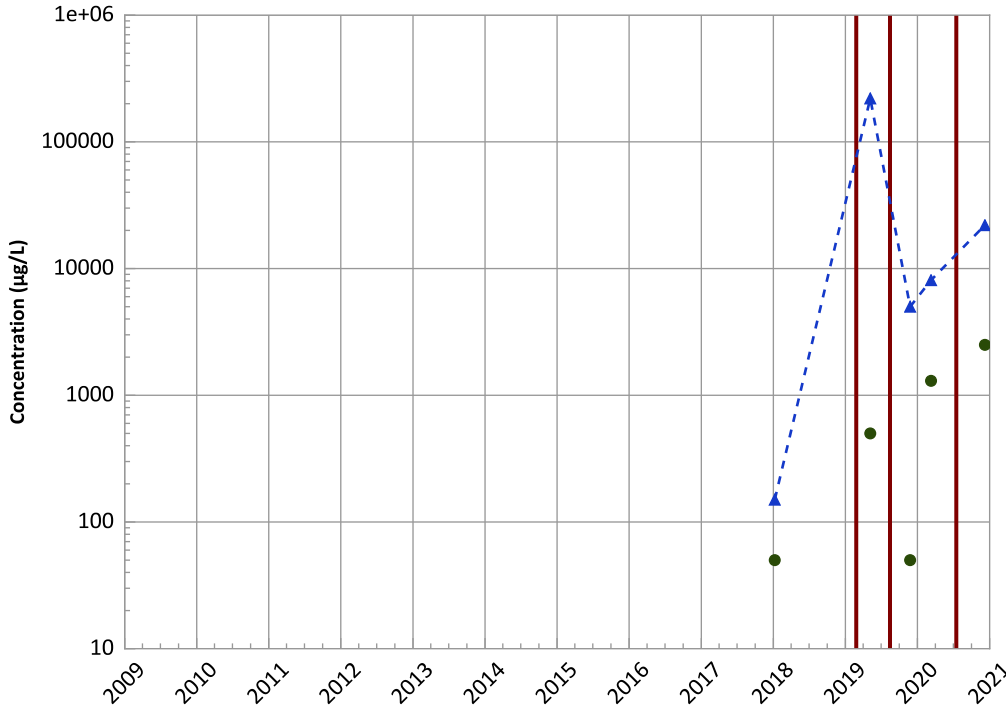
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

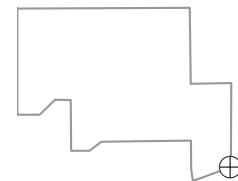
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
No Trend

Well Location

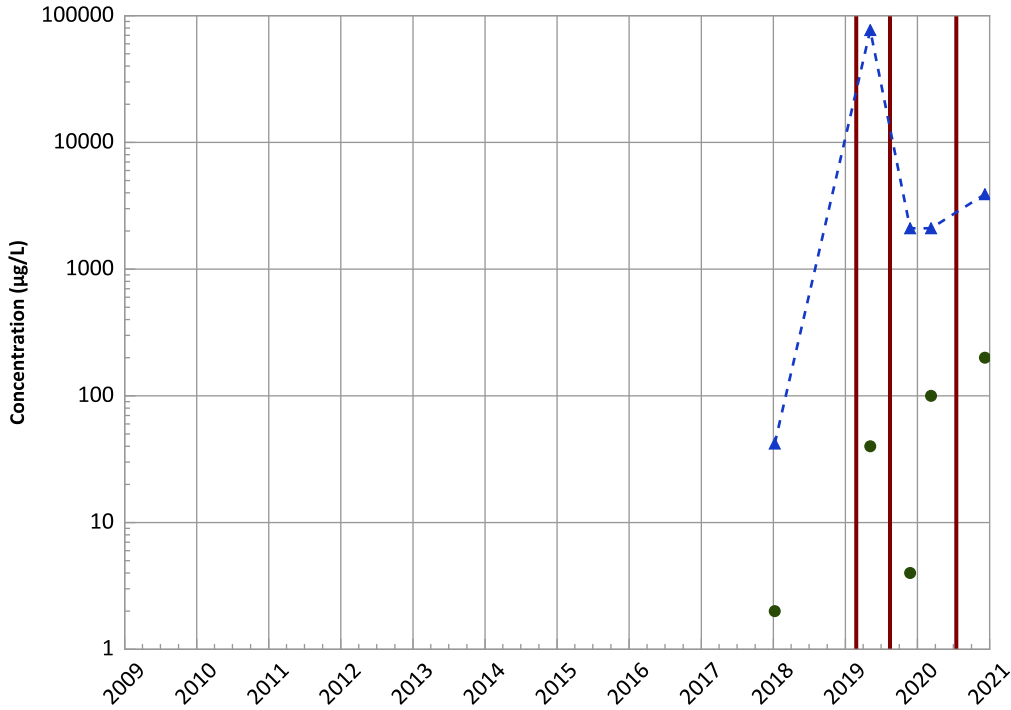


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

Decreasing' 'Decreasing

MAROS Linear Regression Method

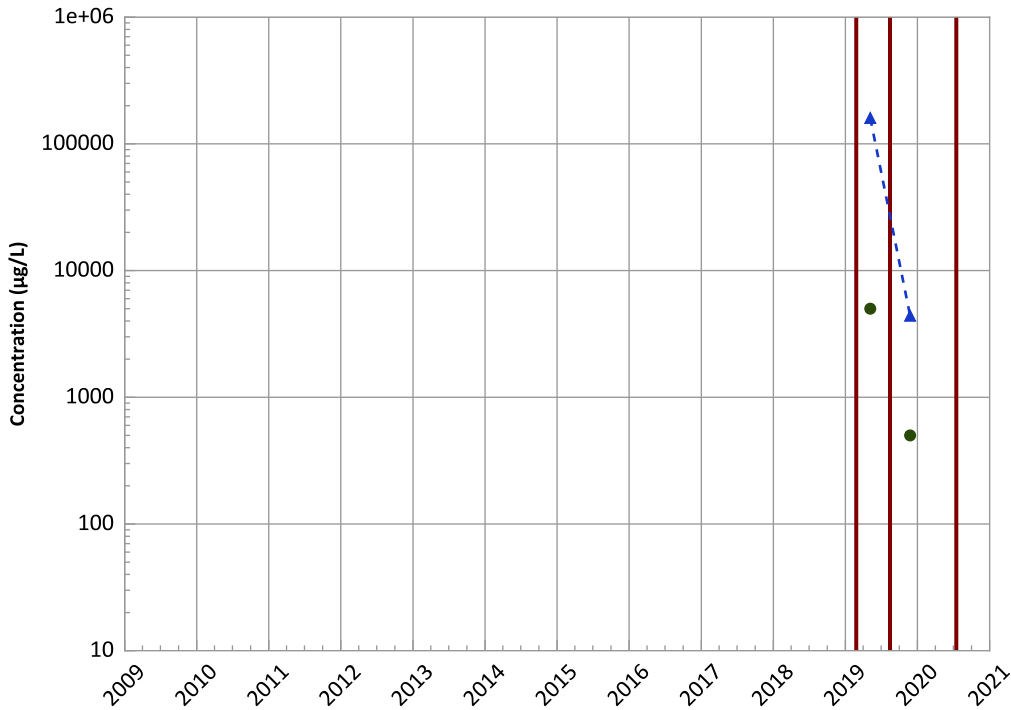
Data (7/2009 - 12/2020):

No Trend' 'No Trend

2018 - 2020 Data:

Probably Decreasing' 'Probably Decreasing

Ferrous Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

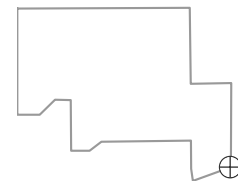
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

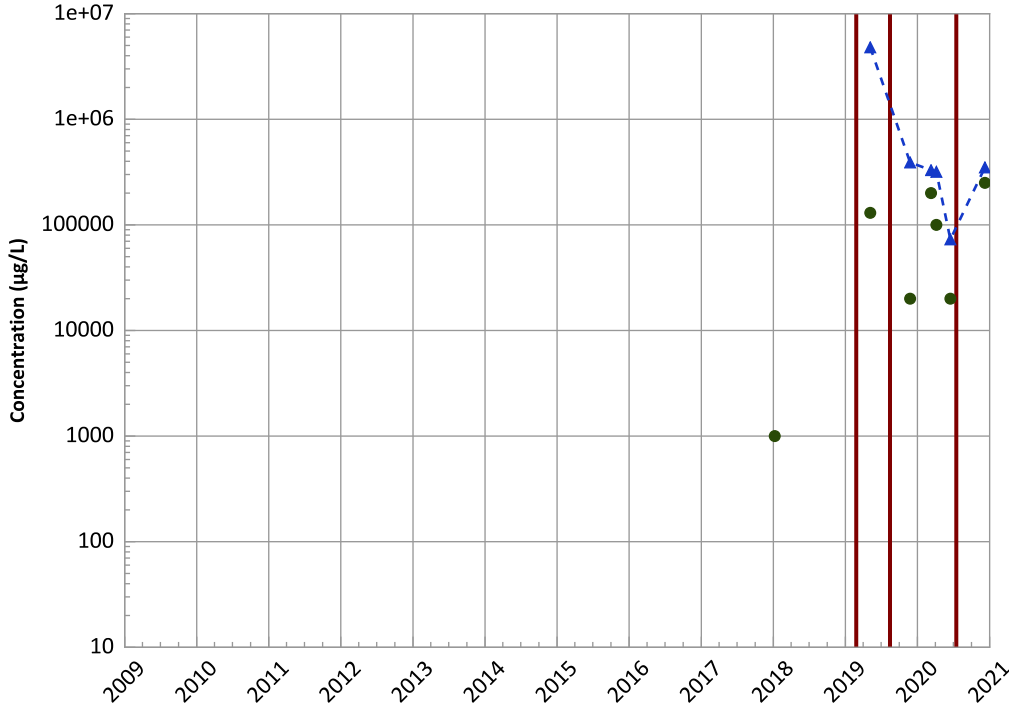


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

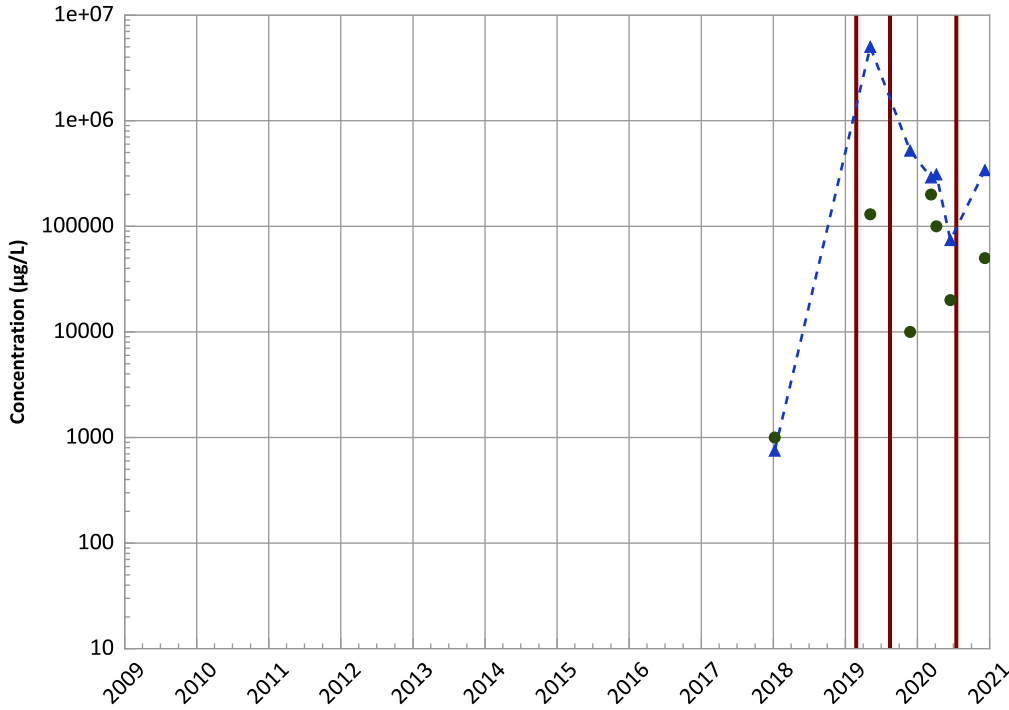


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Stable

Dissolved Organic Carbon (DOC) Trend

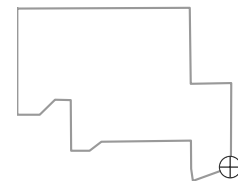


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
Probably Increasing
2018 - 2020 Data:
Stable

Well Location

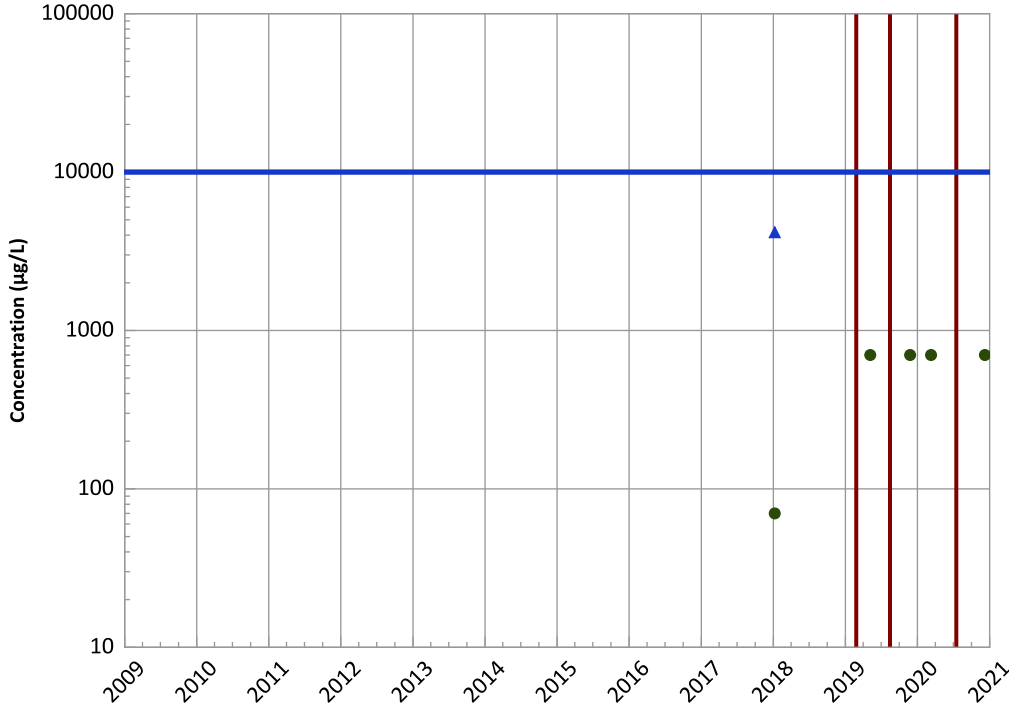


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

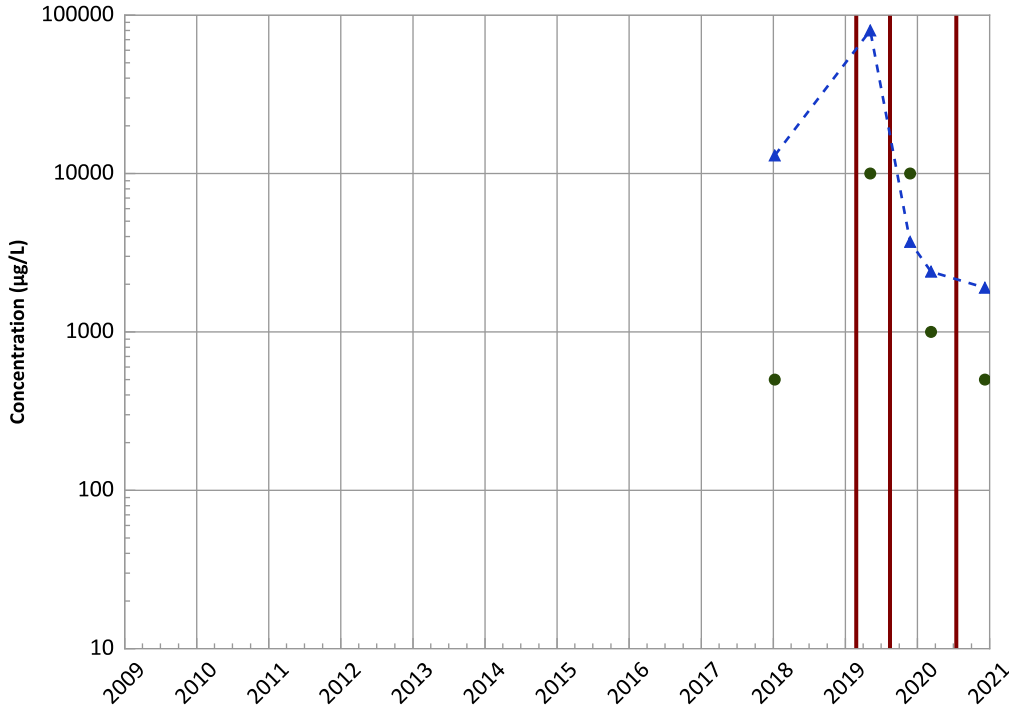


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

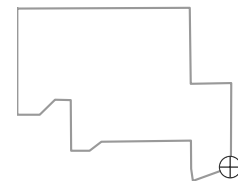


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
Decreasing
2018 - 2020 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
No Trend
2018 - 2020 Data:
Decreasing

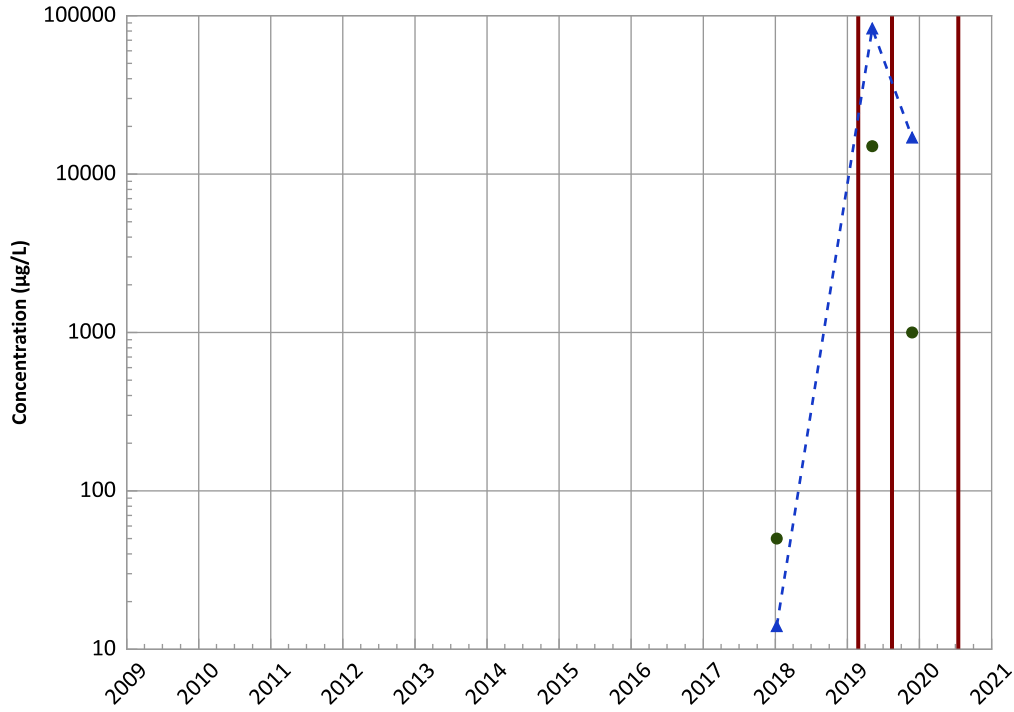
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant
Phosphorus, Total (as P) Trend**



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

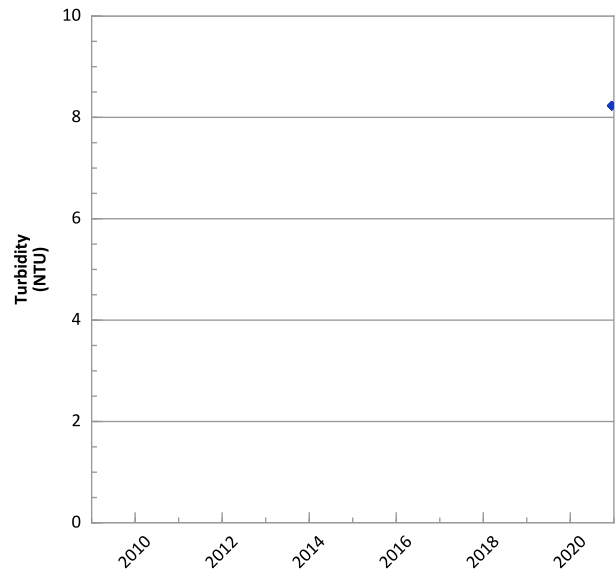
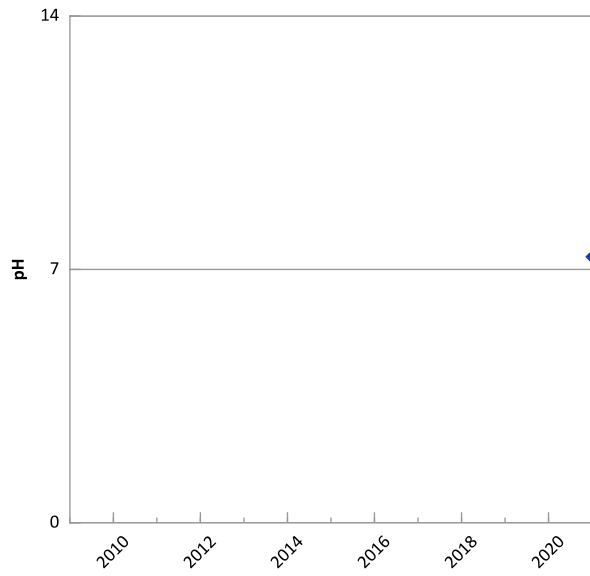
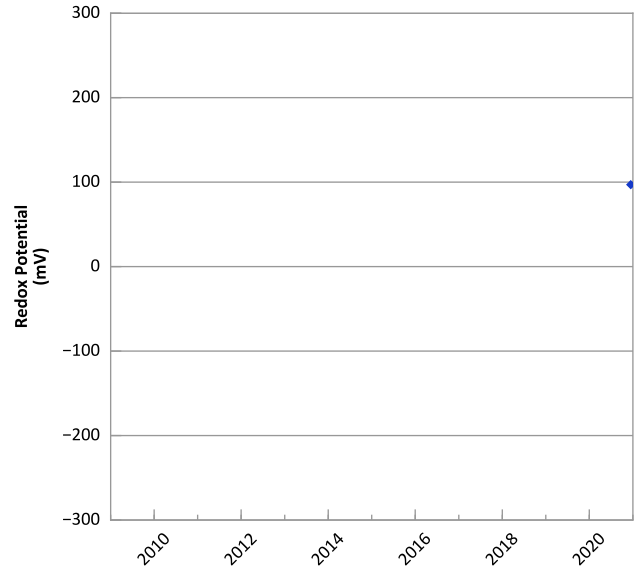
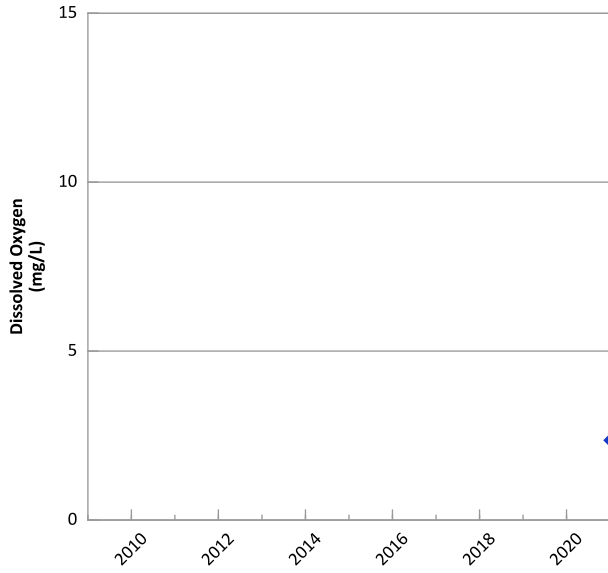
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 01/08/2018 to 12/08/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

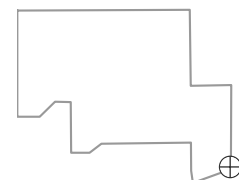


PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



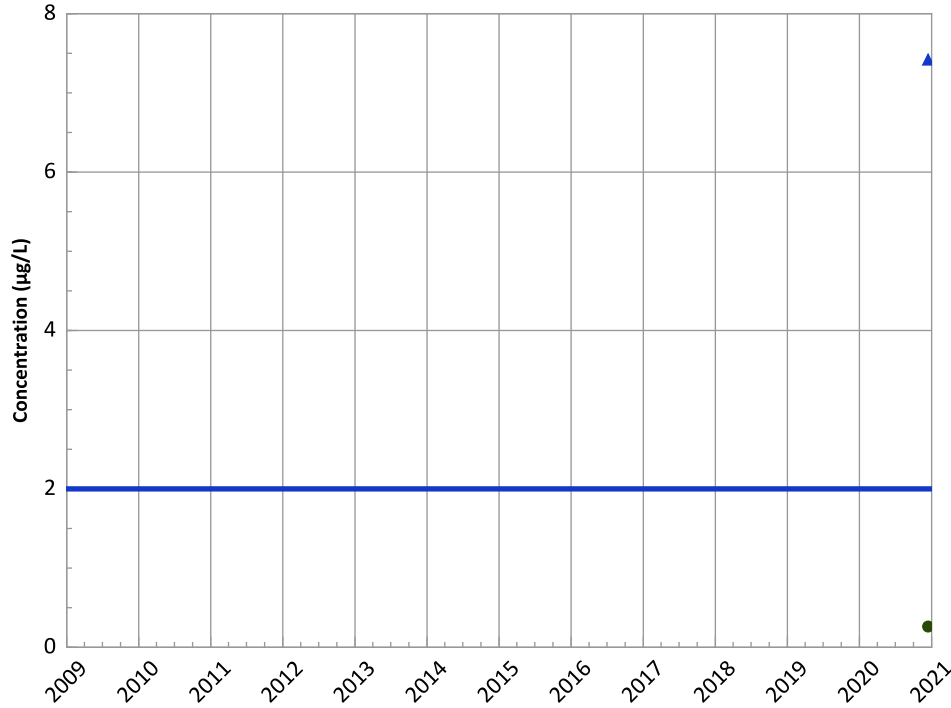
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

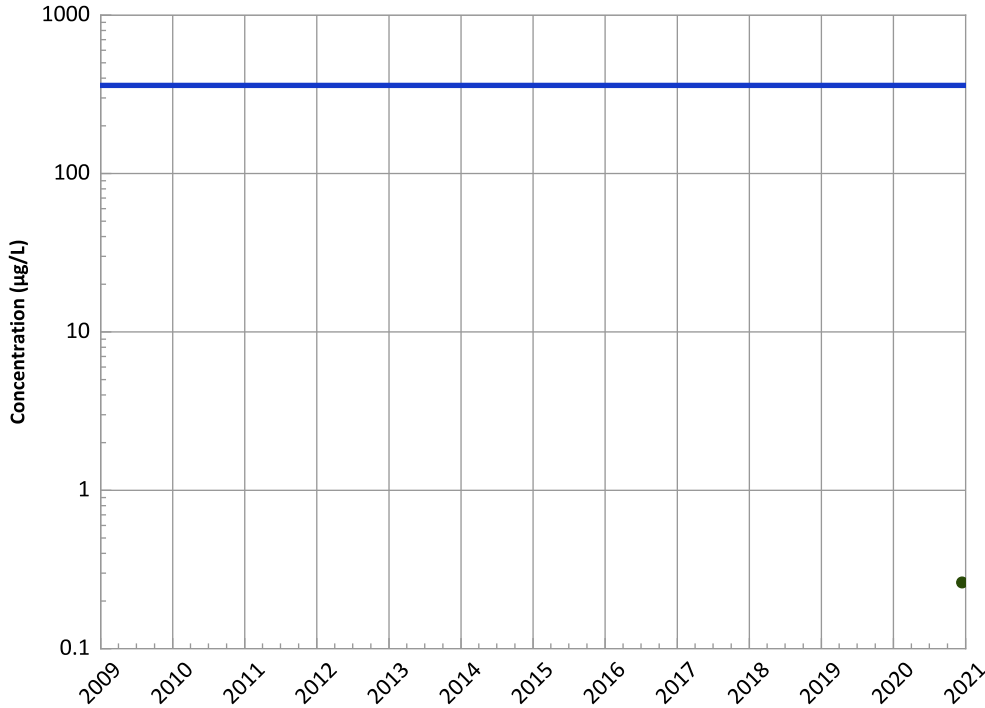


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 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 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

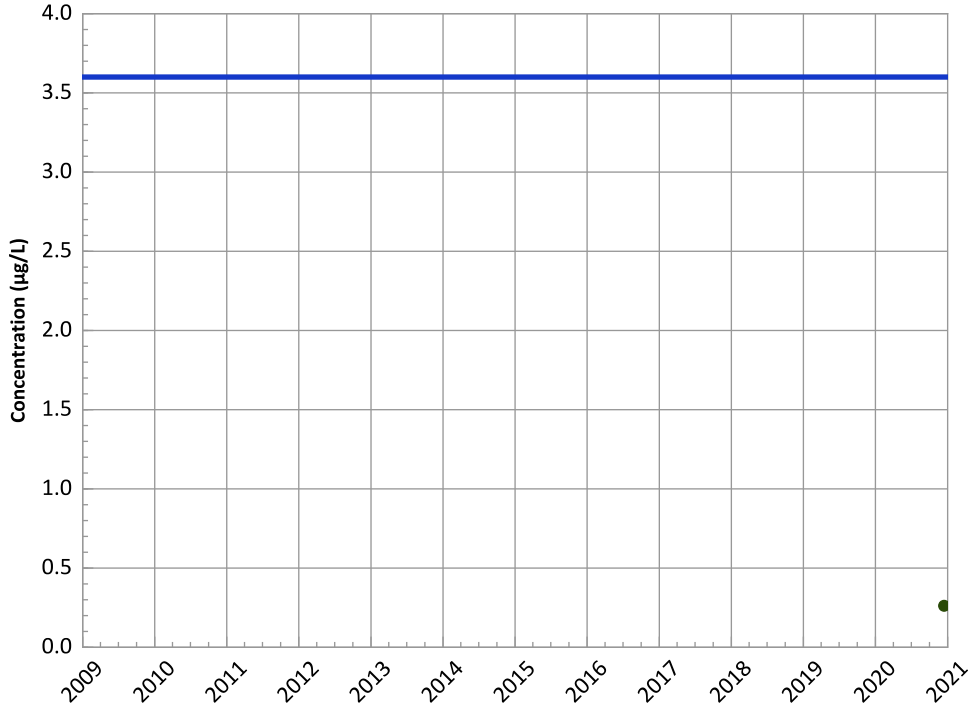


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

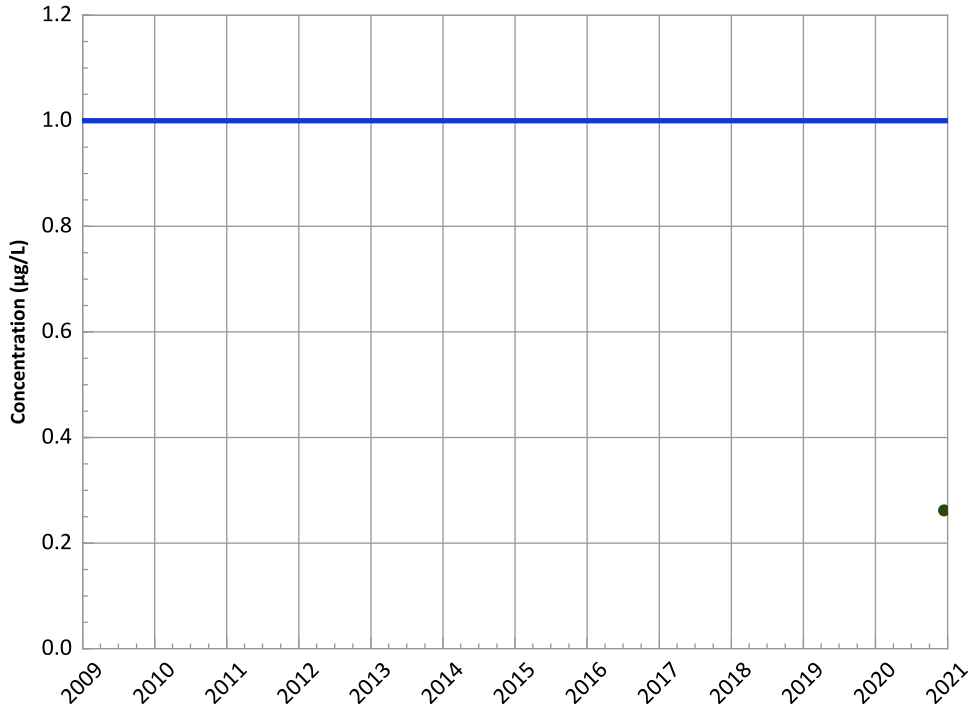


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

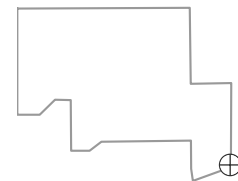


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

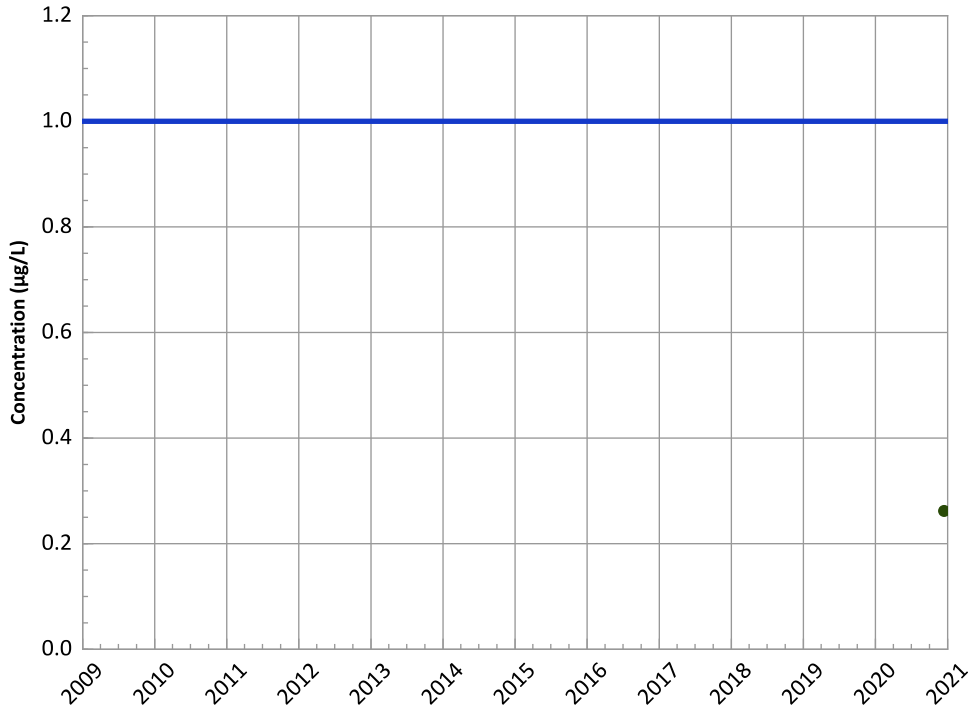


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

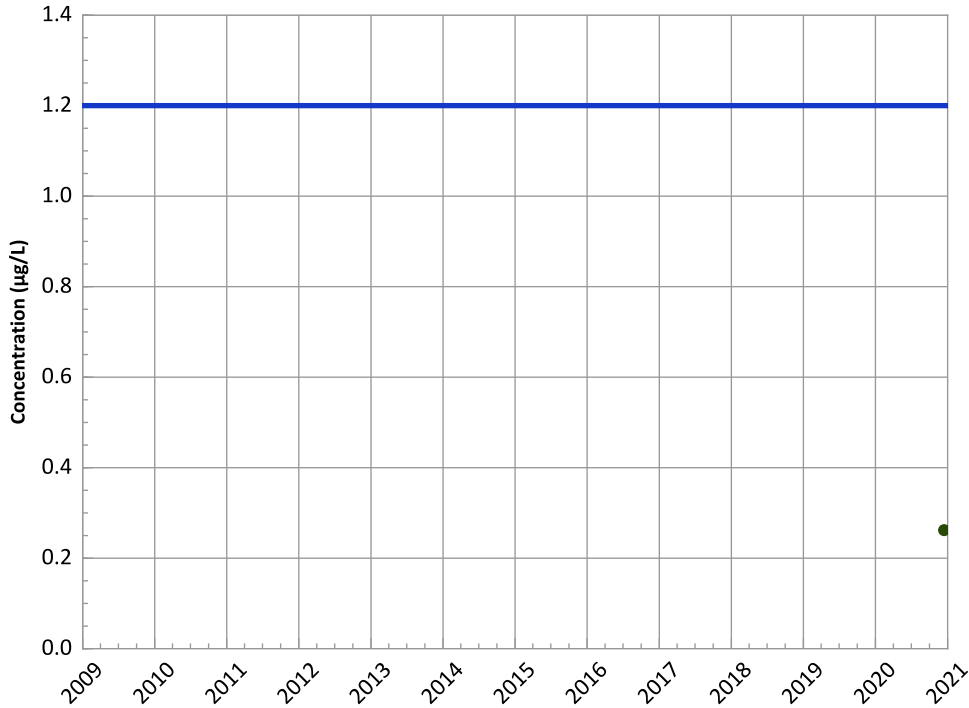


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

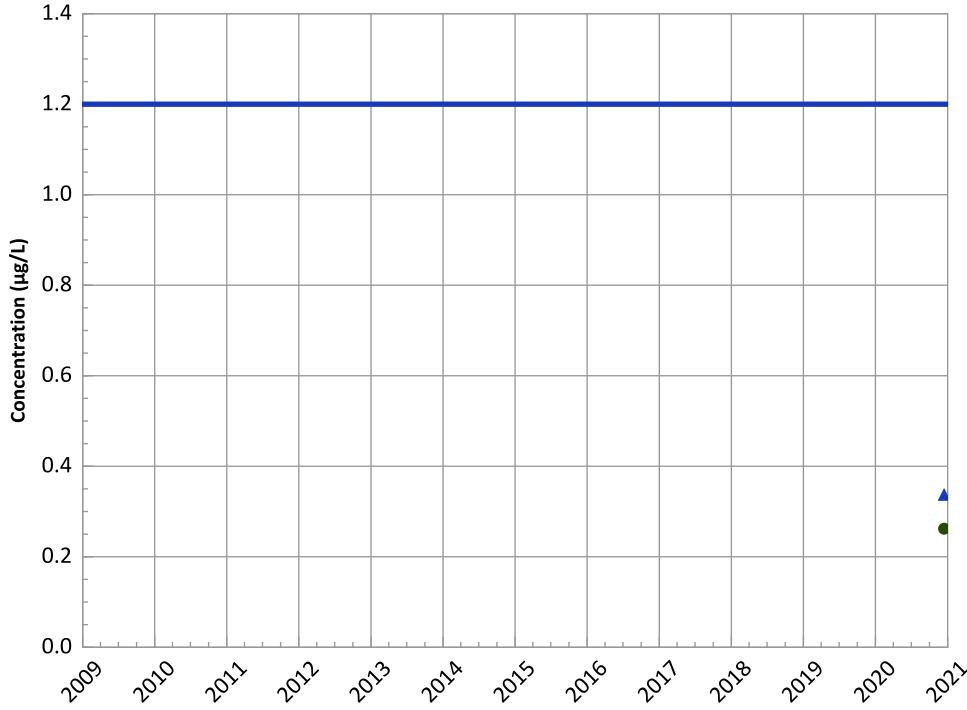


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

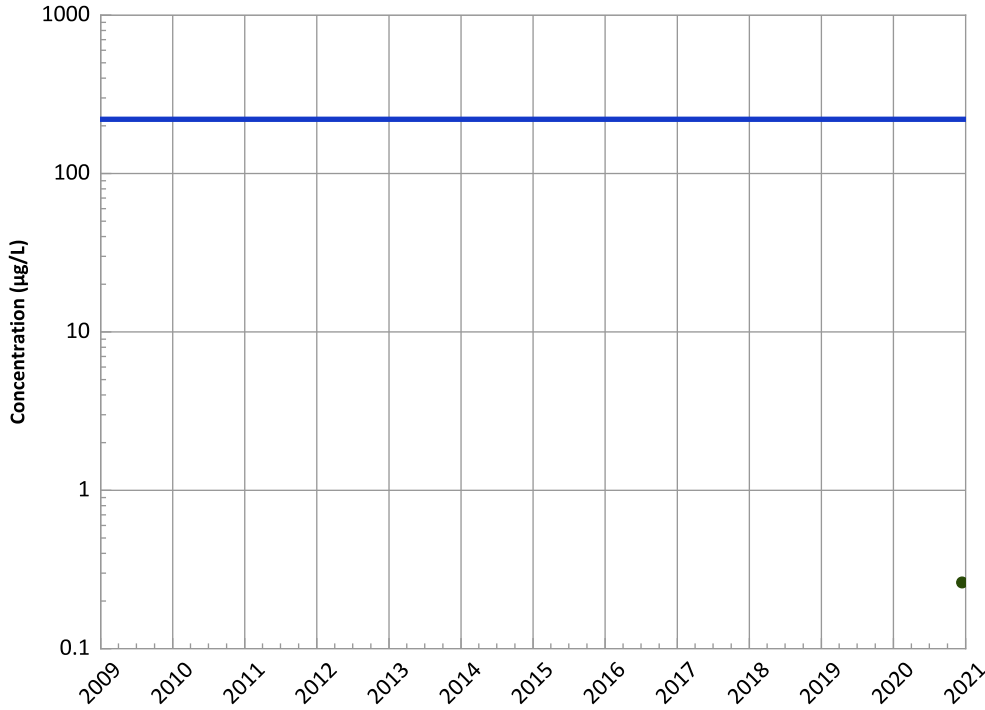
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

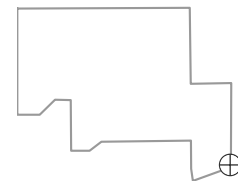
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location



Query Date Range: 01/01/2009 to 12/31/2020

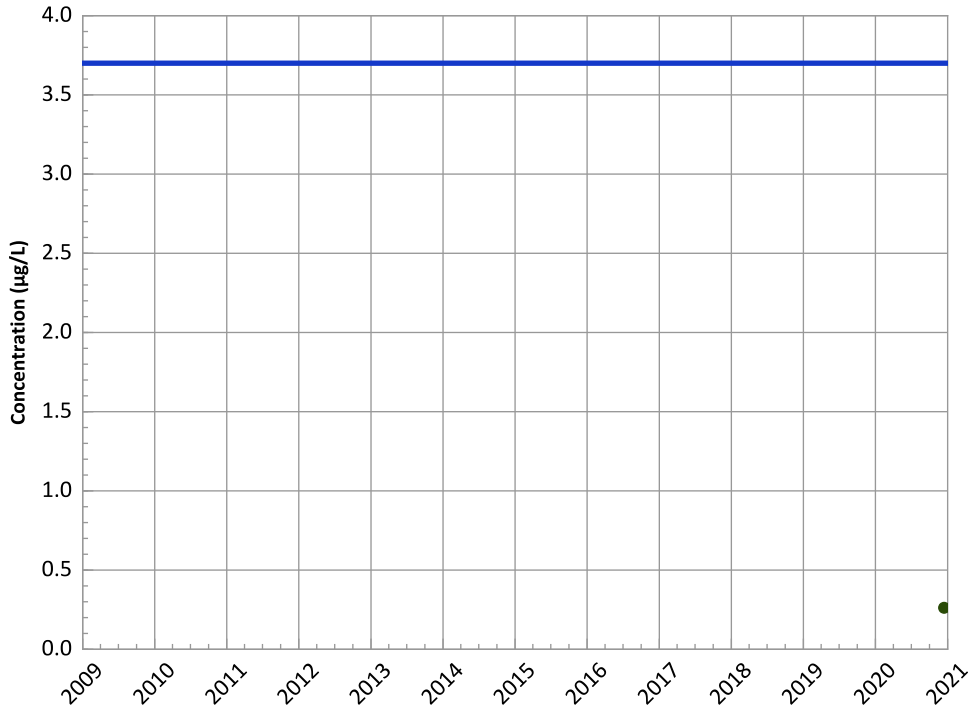
Data Date Range: 12/14/2020 to 12/14/2020

Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

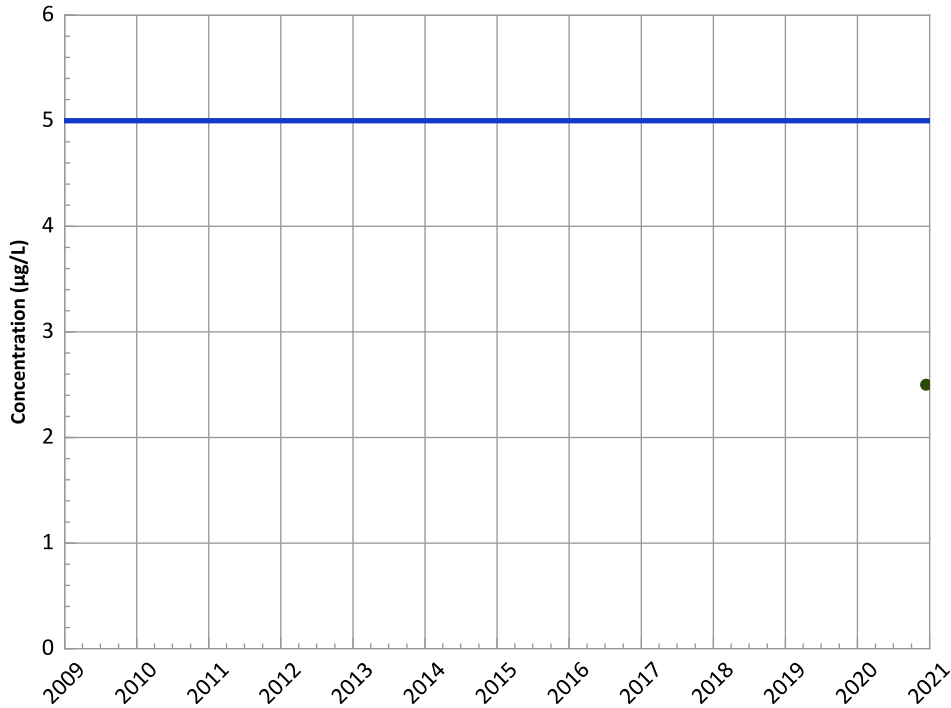


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend

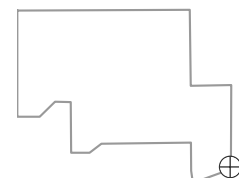


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

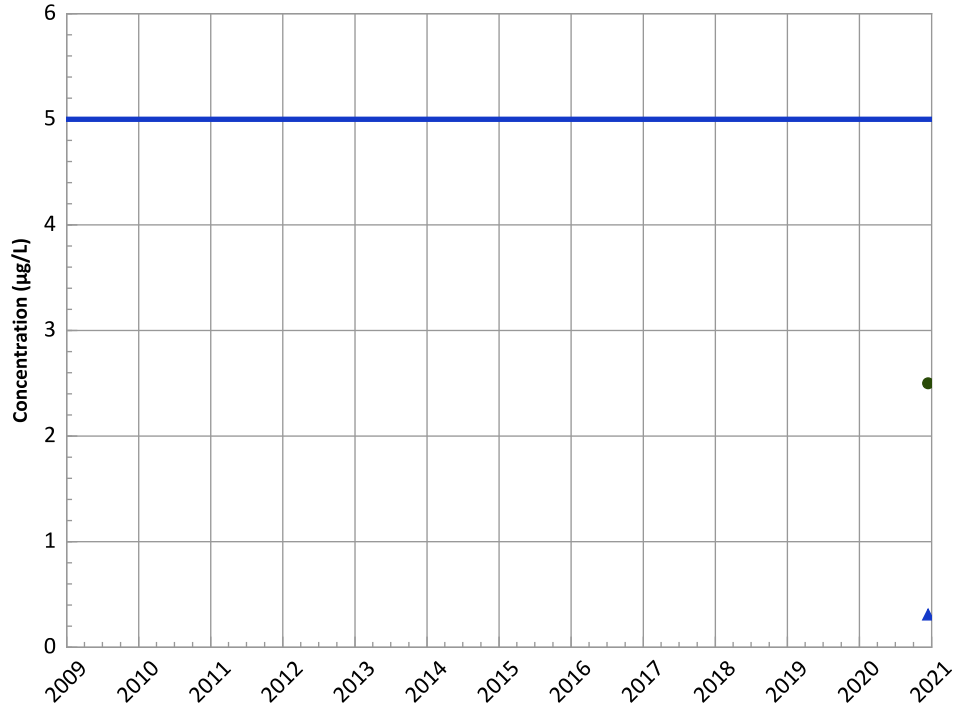


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

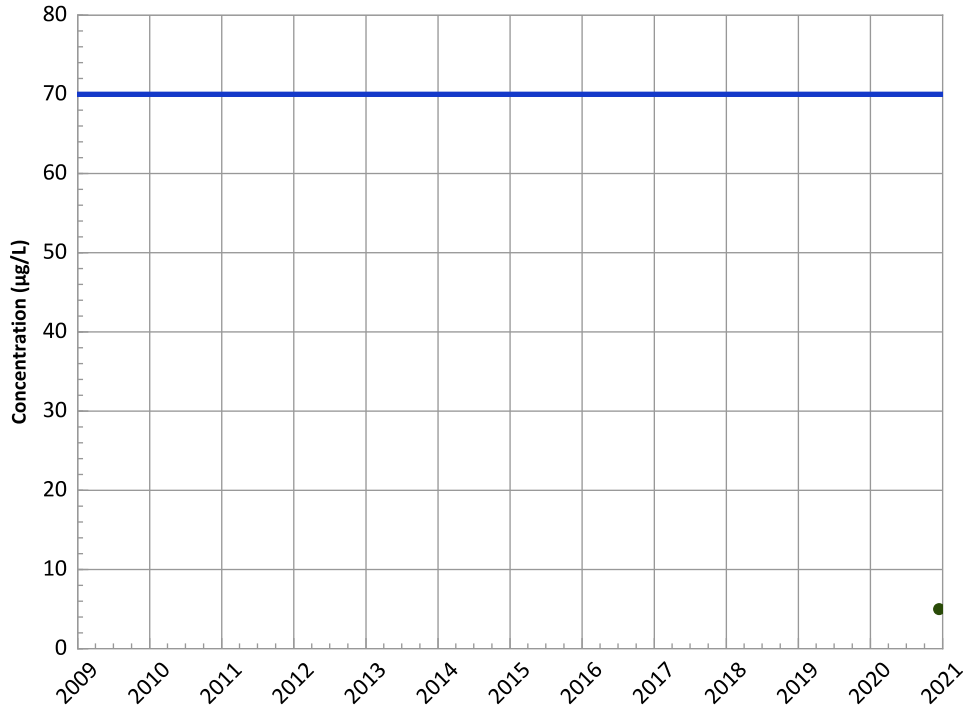


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

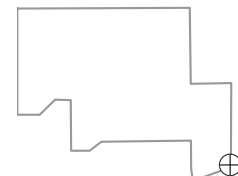


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

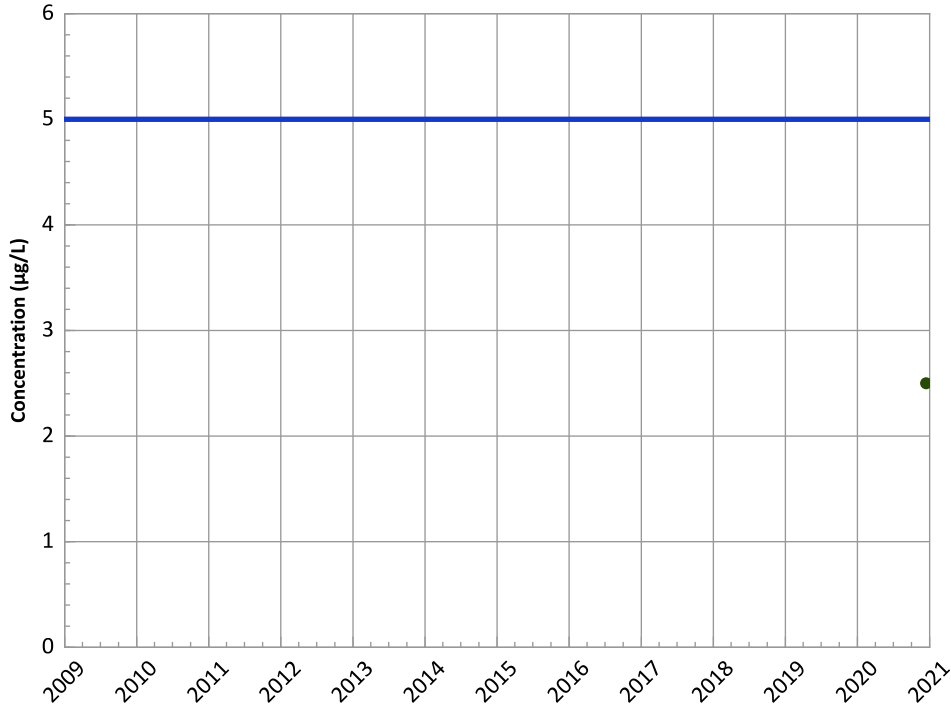


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

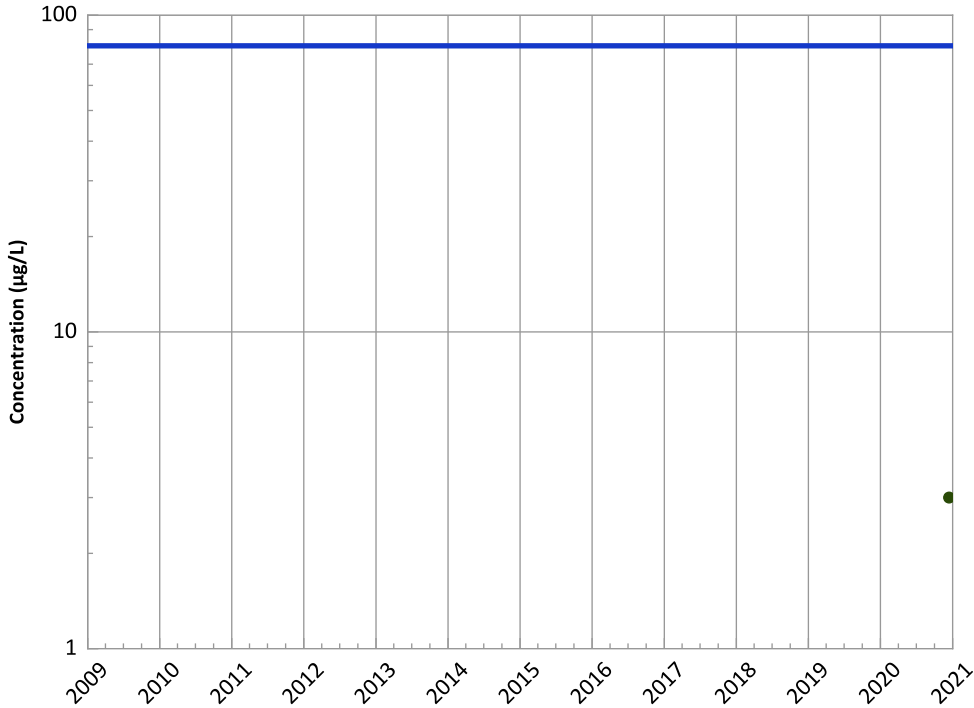


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

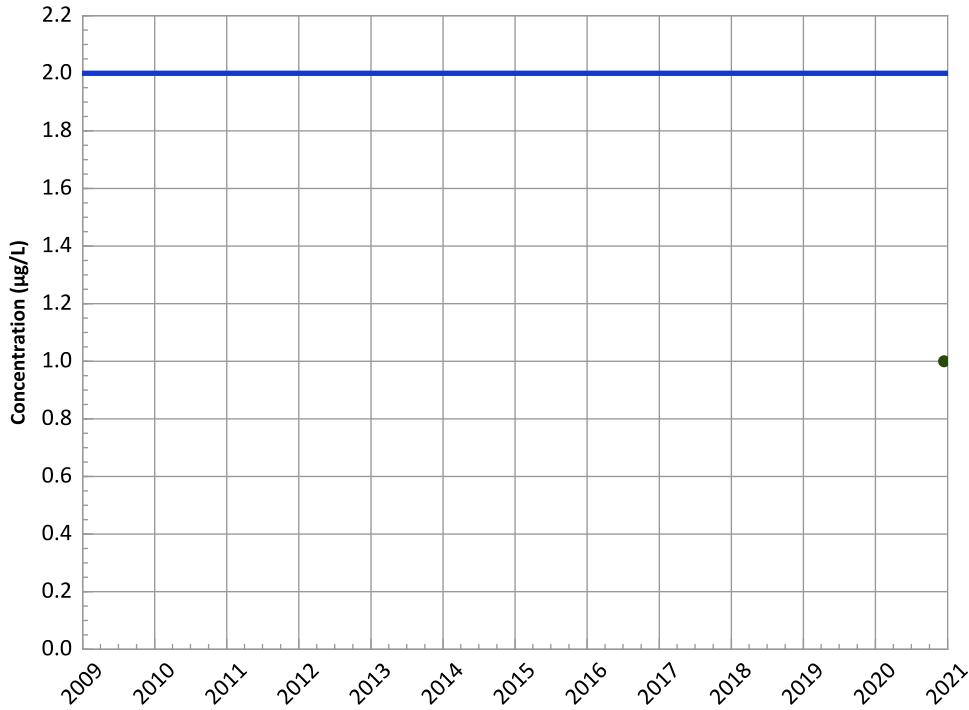


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

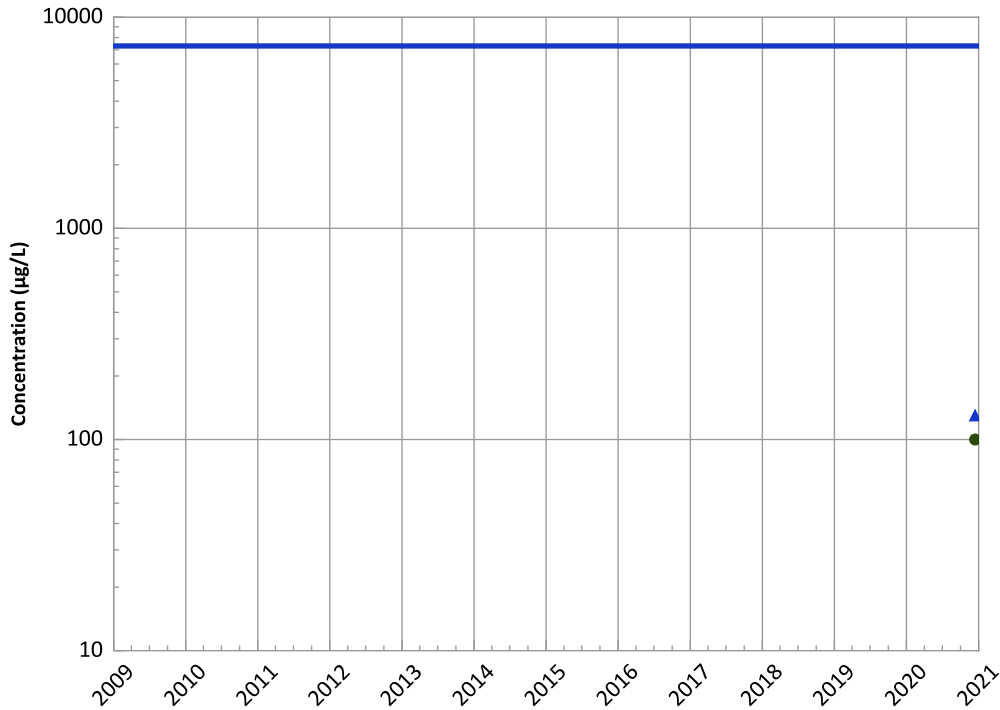


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

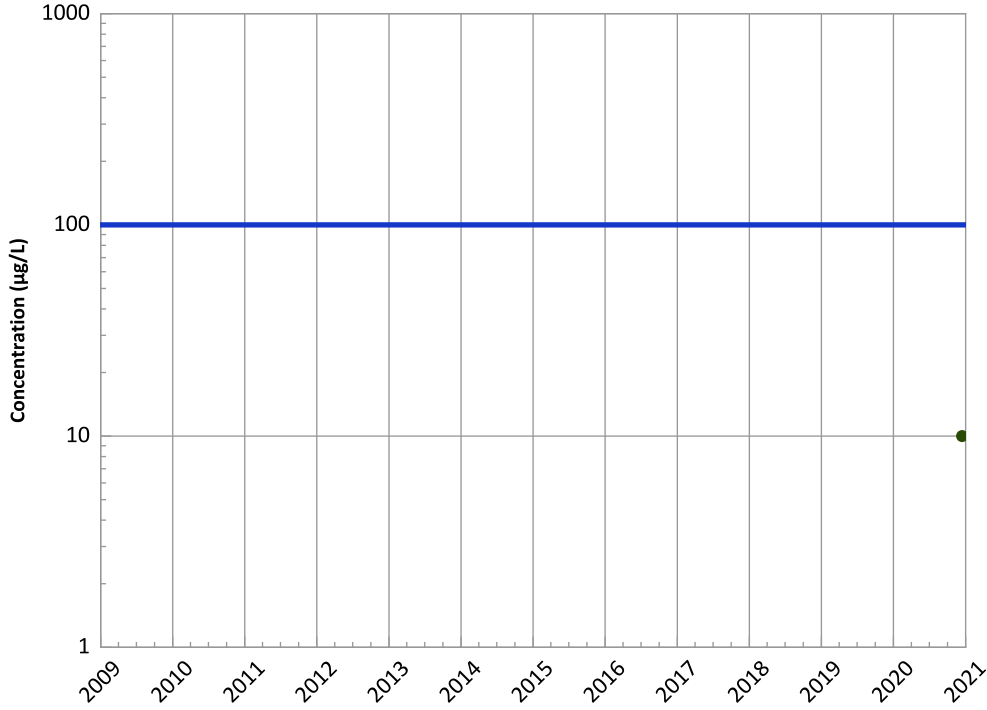


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

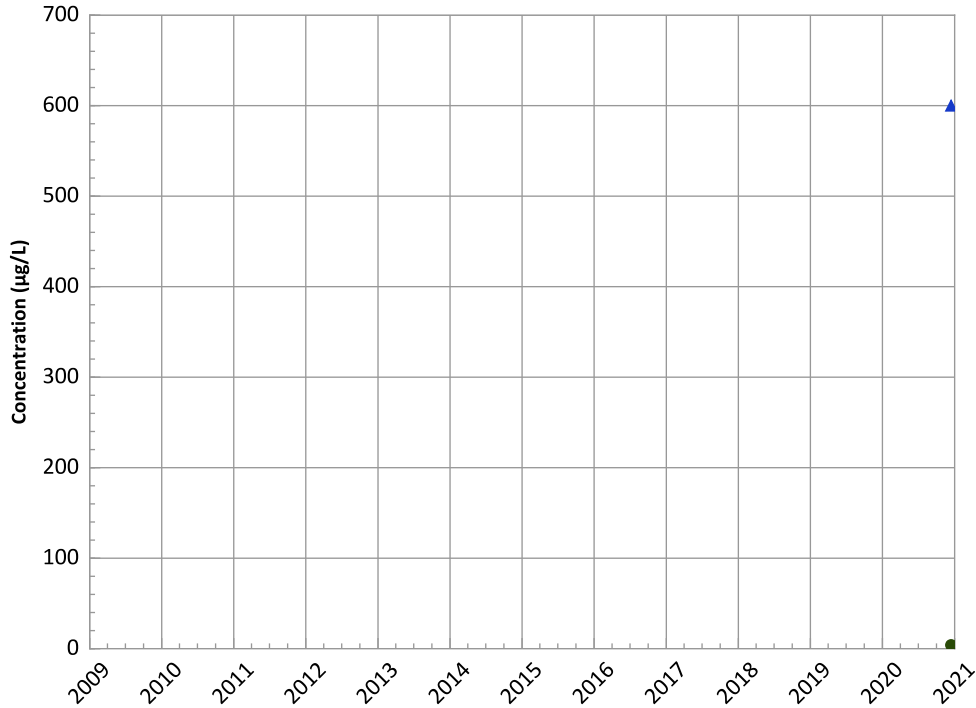
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect' 'All Non-Detect

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

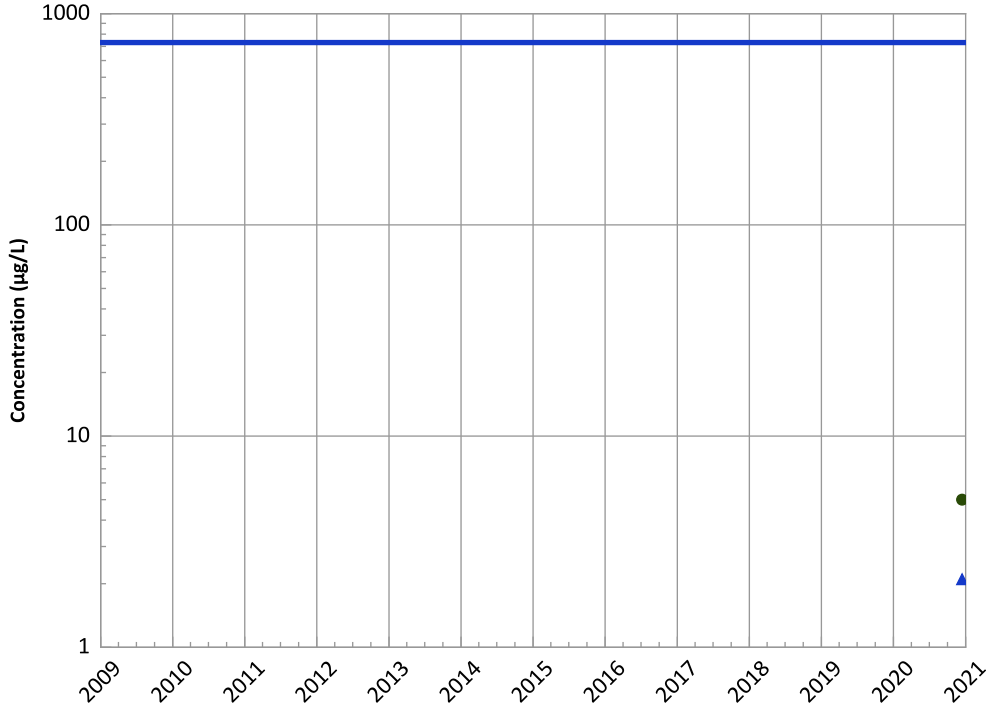
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

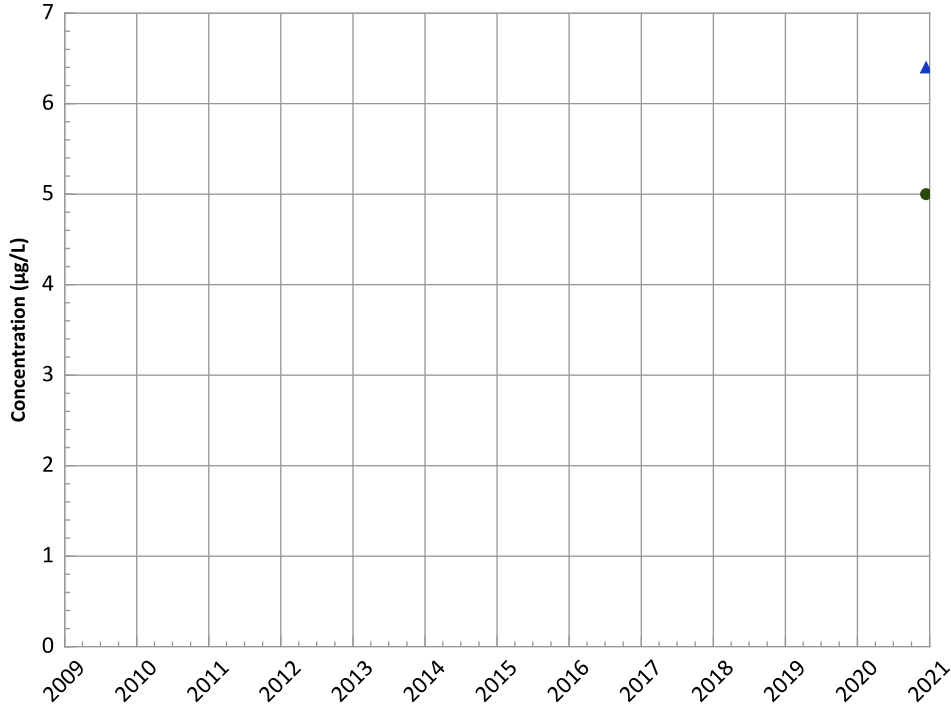
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

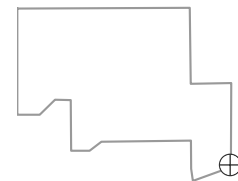
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

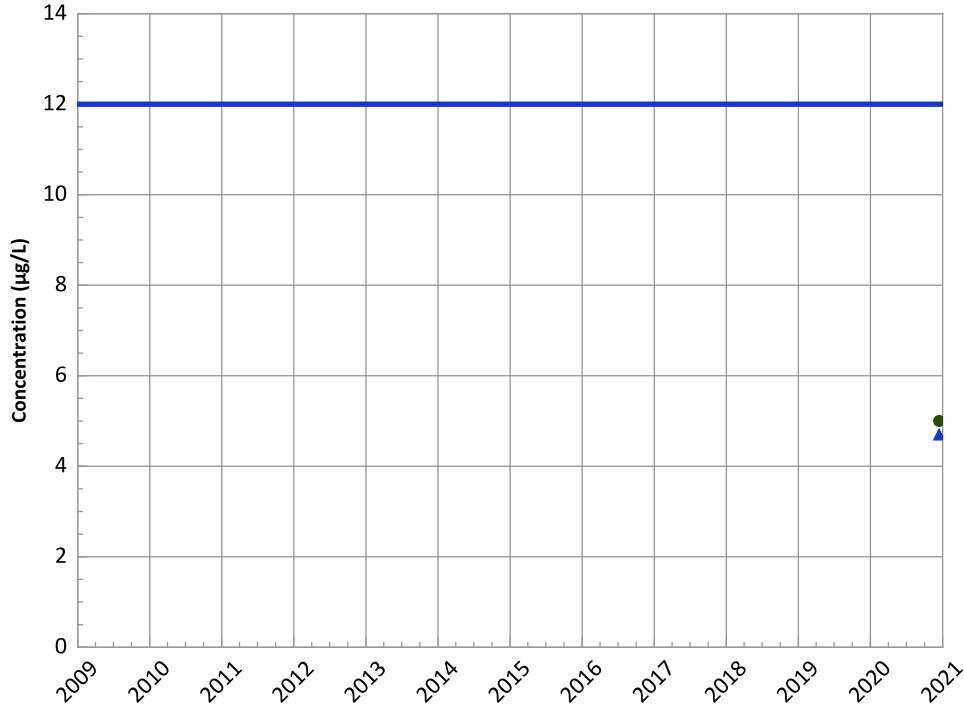


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

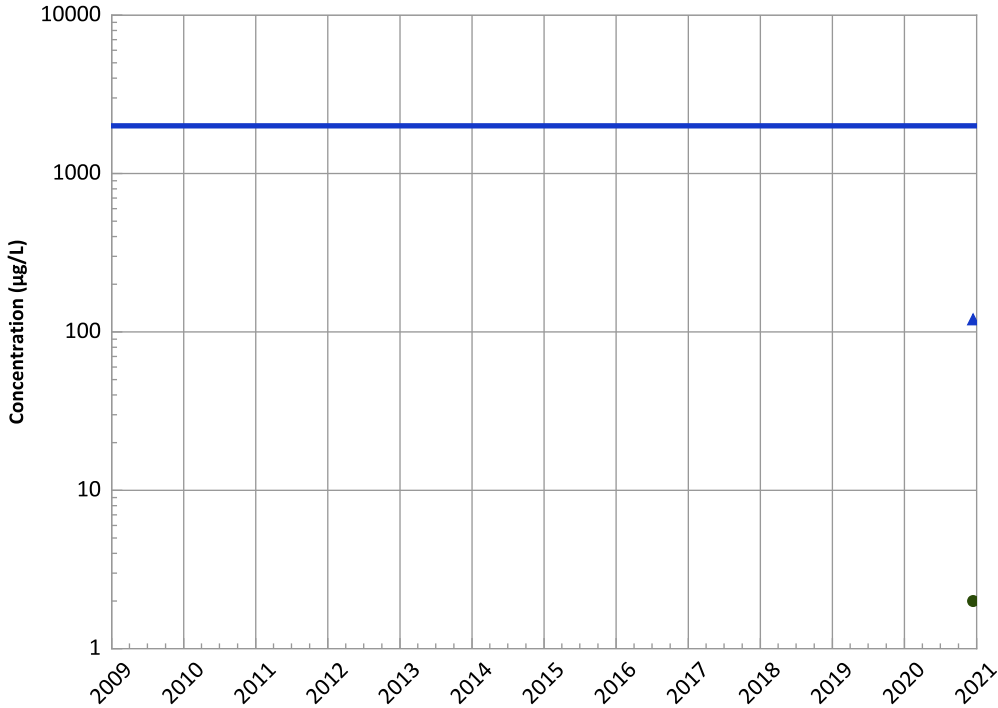


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Barium Trend

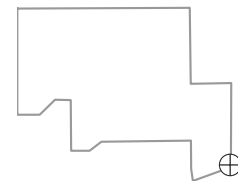


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

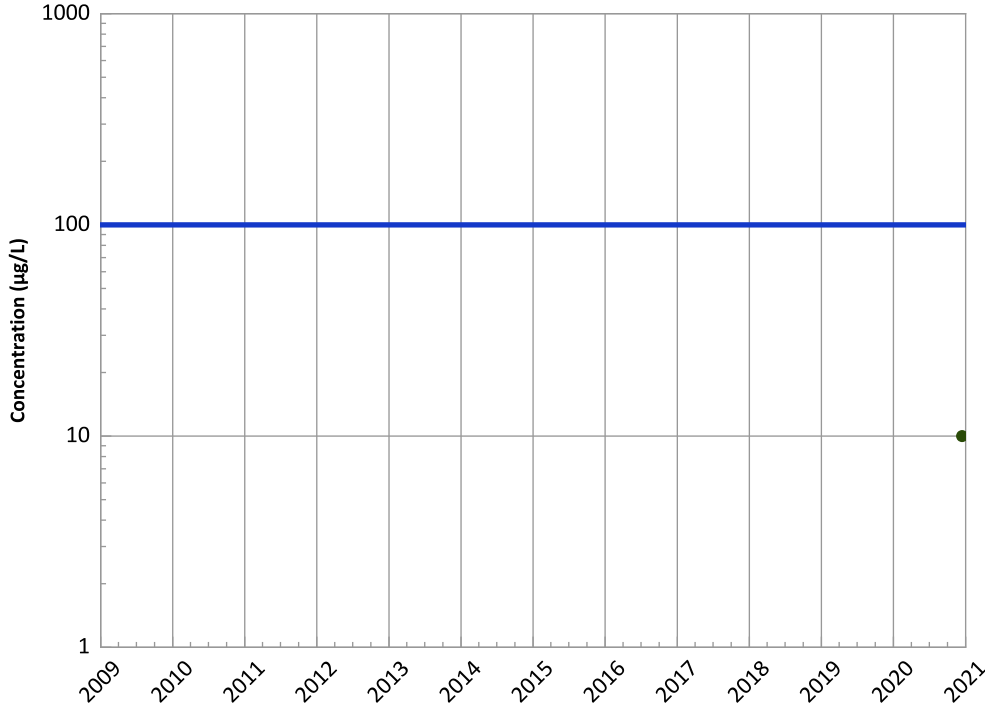


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

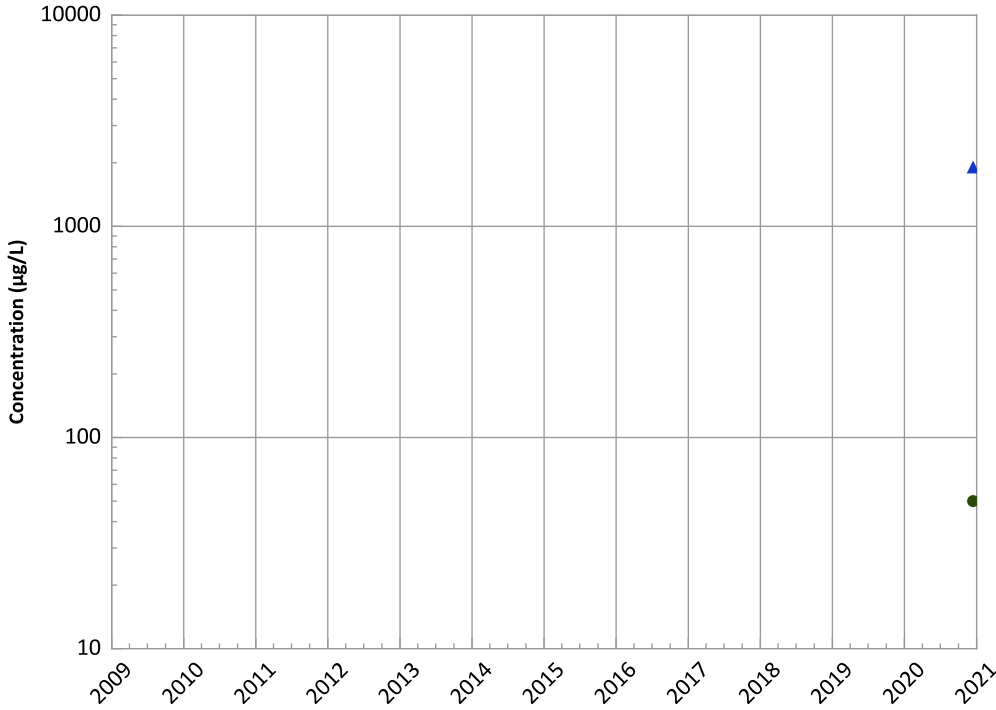


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset) 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset) 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset) 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect 'All Non-Detect

Iron Trend

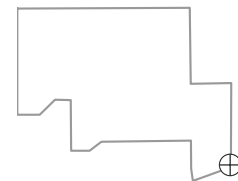


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

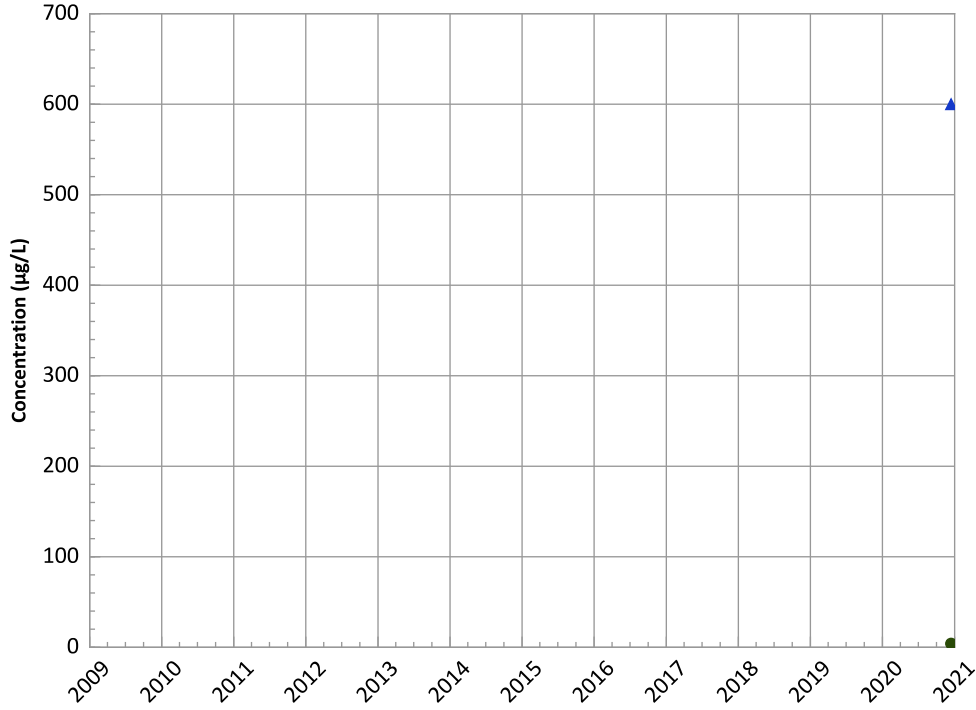


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

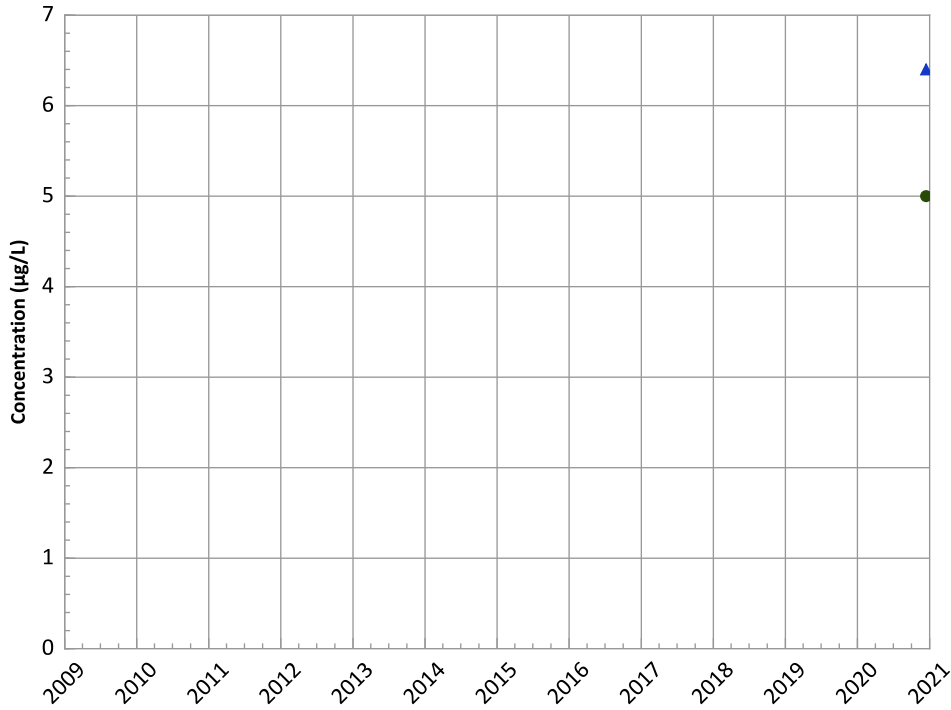
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

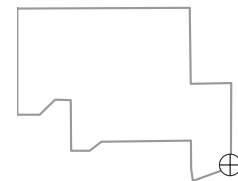
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

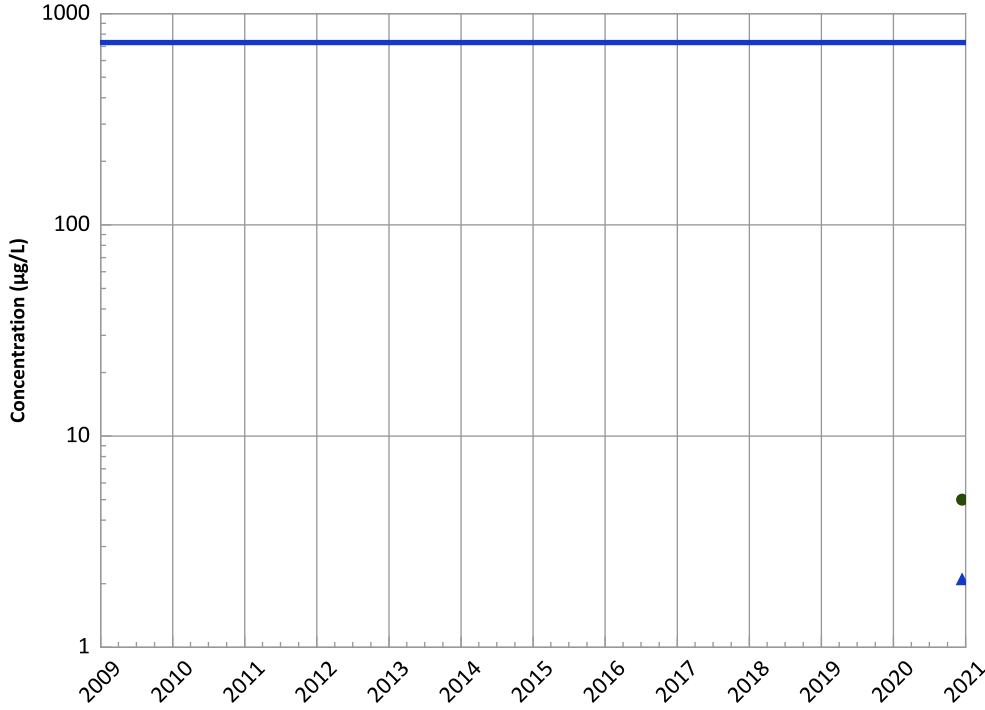


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

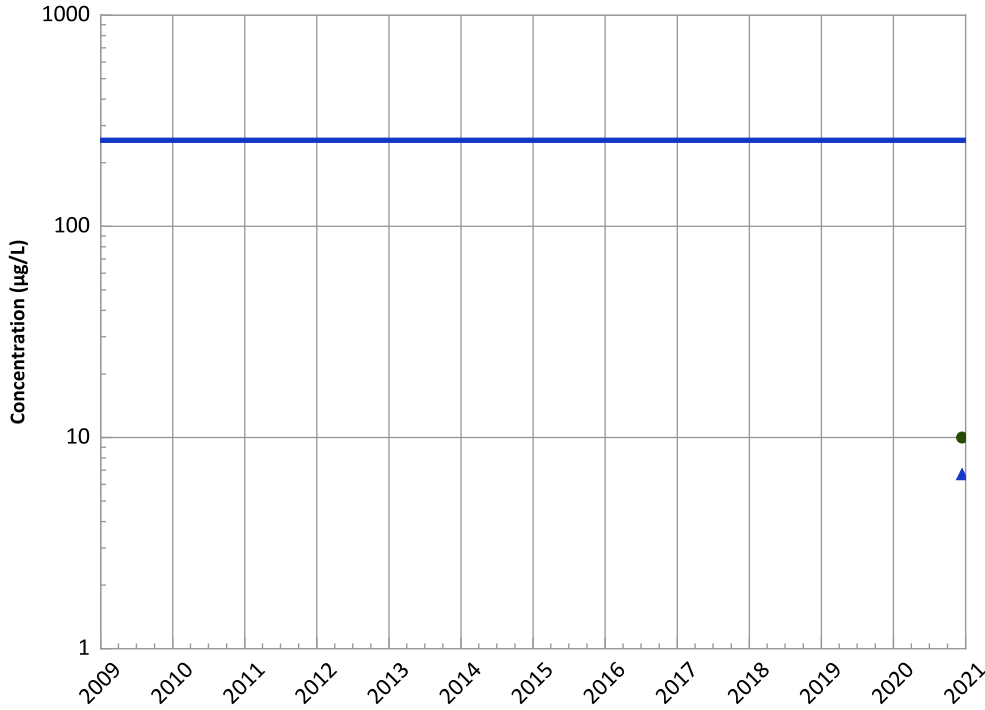
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

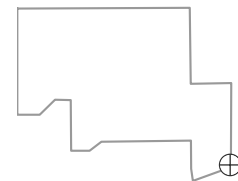
MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

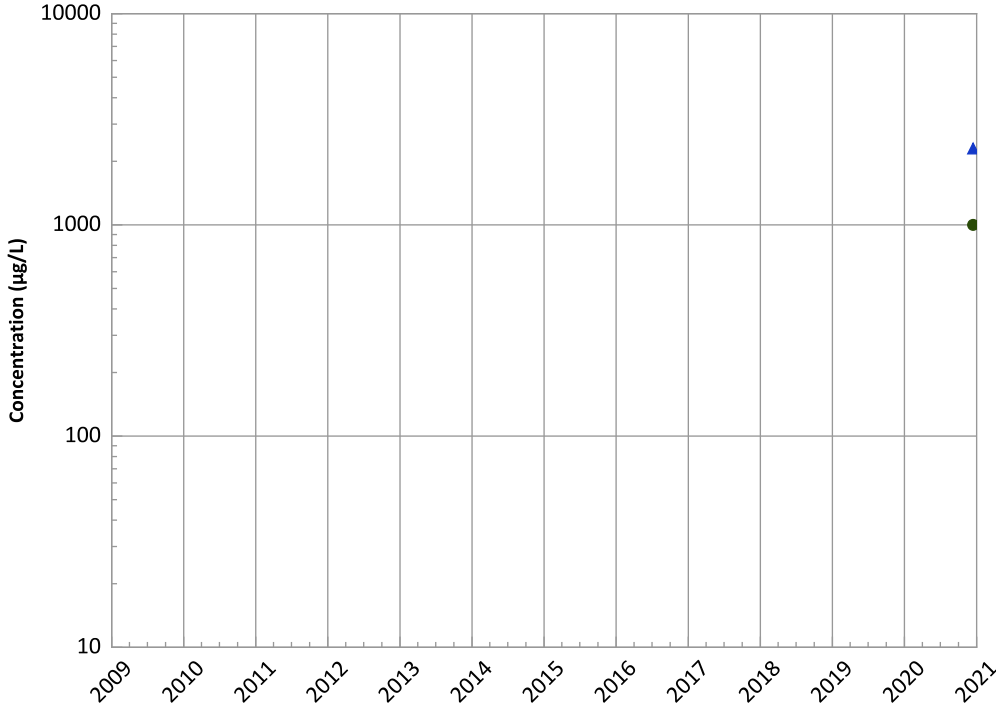


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



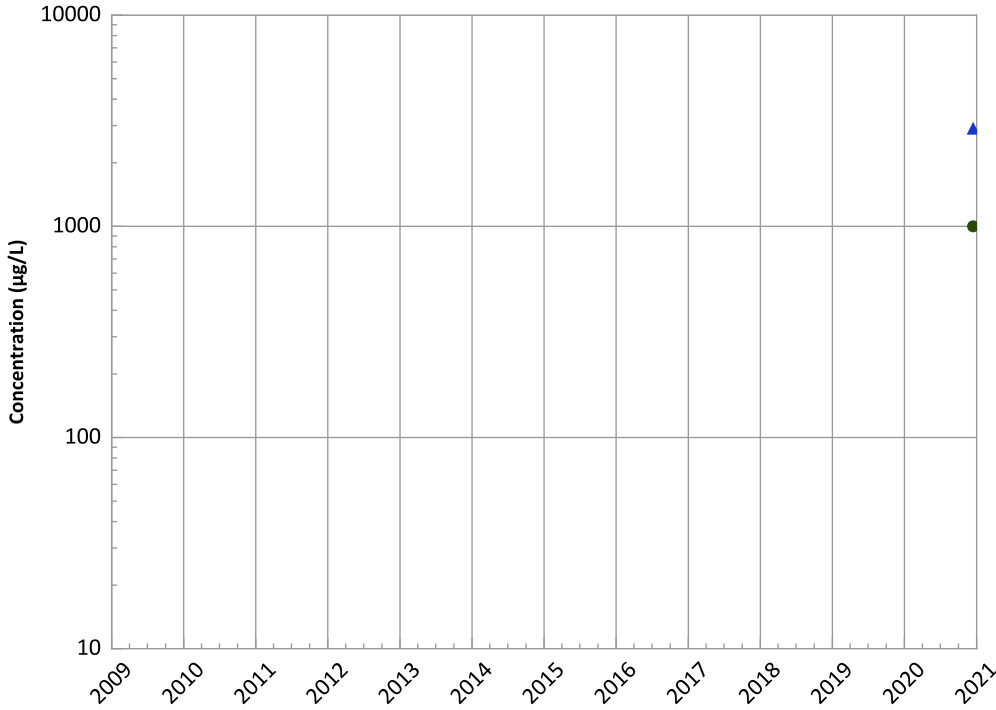
Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



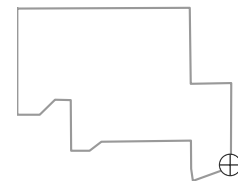
Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

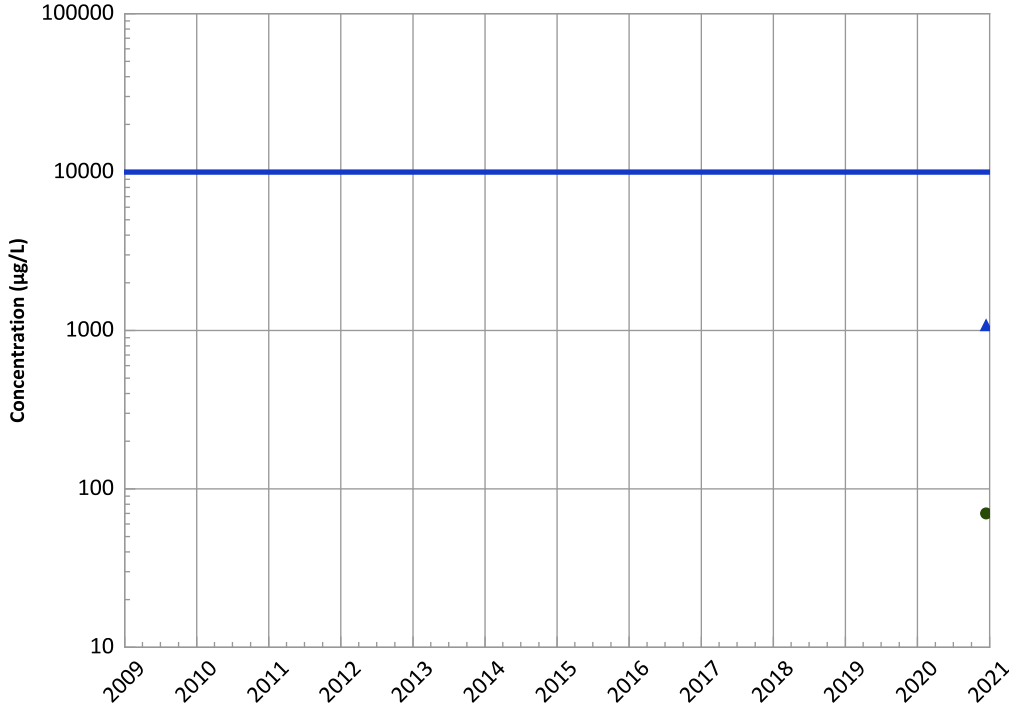


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

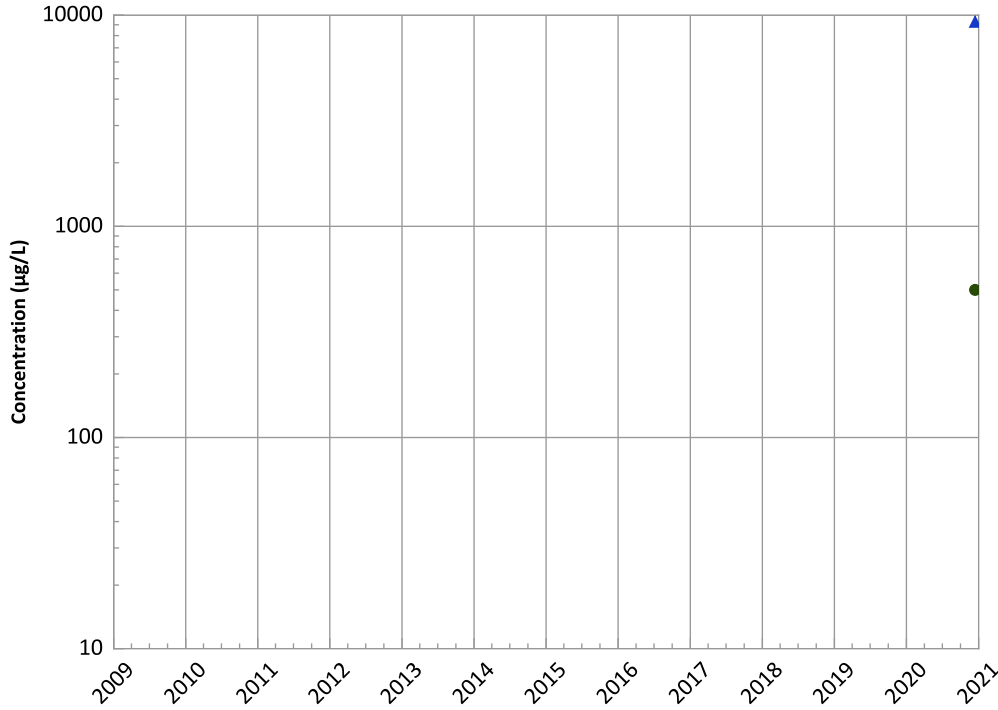


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

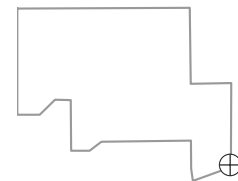


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

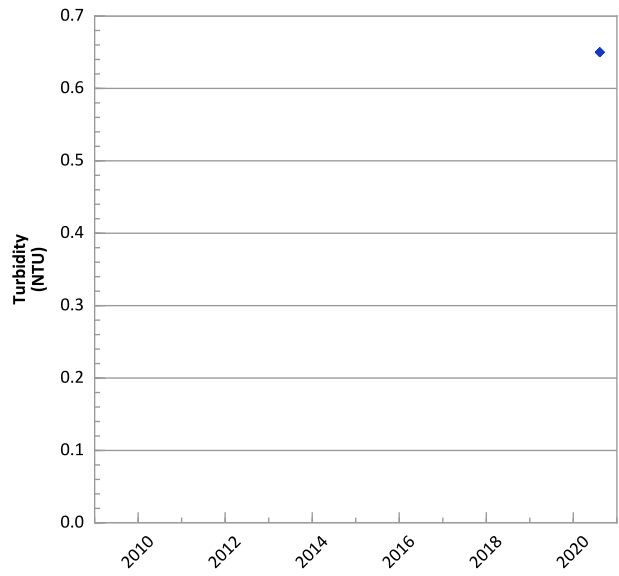
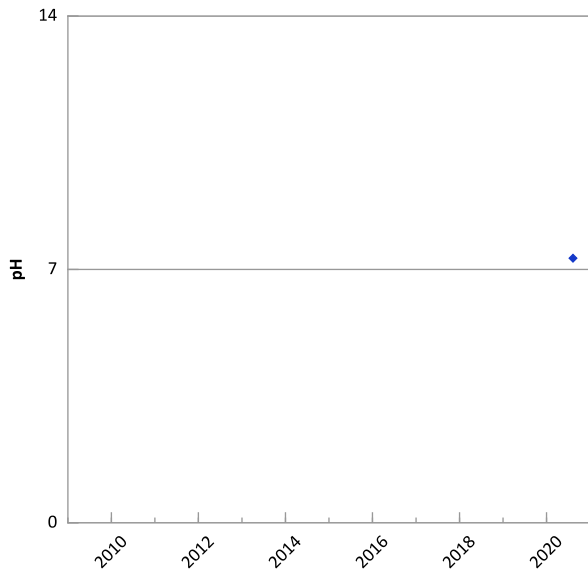
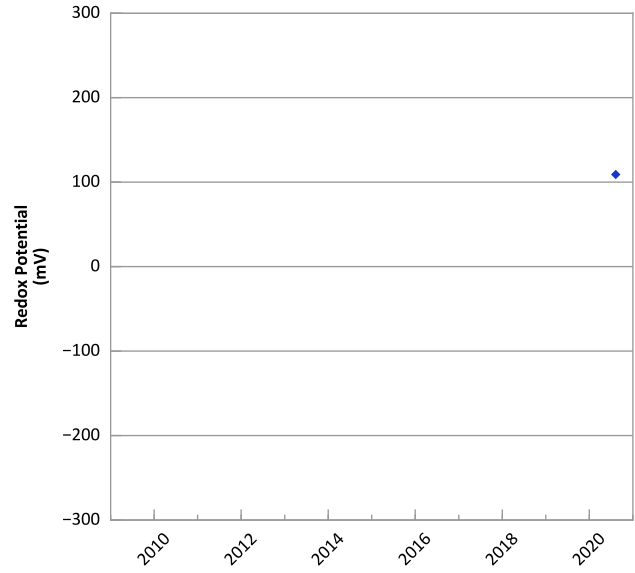
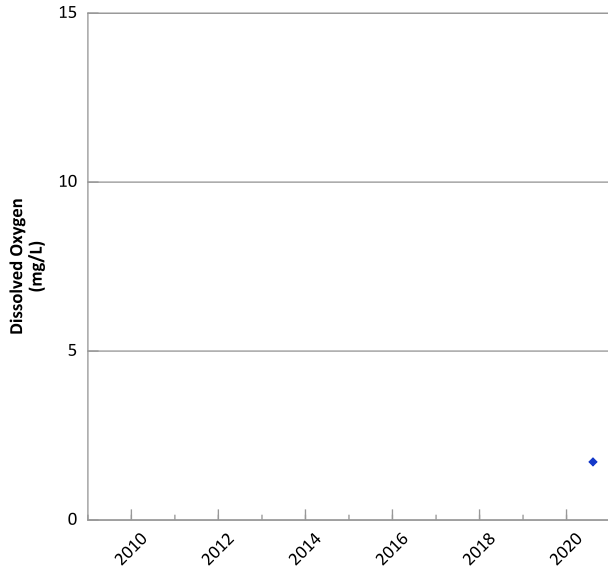
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 12/14/2020 to 12/14/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



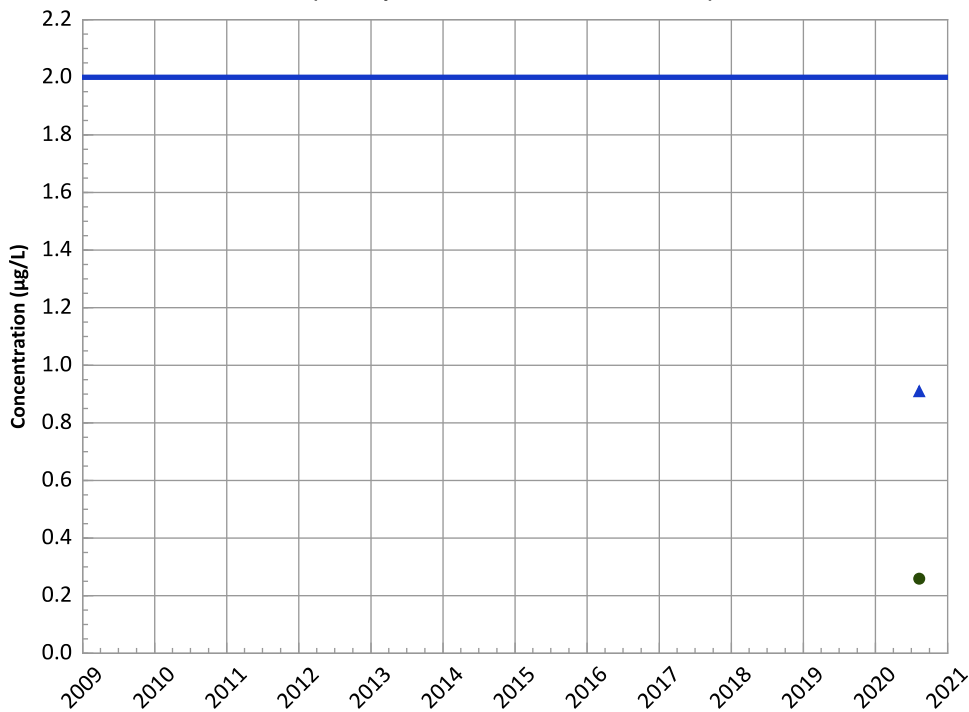
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

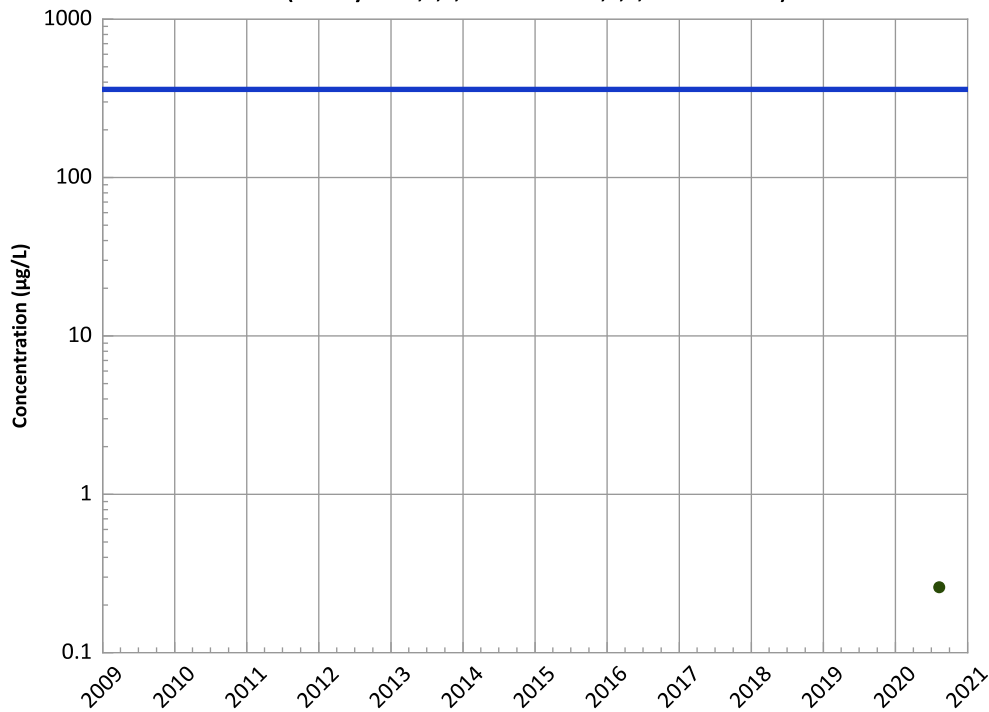


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

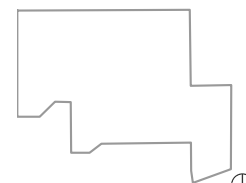


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

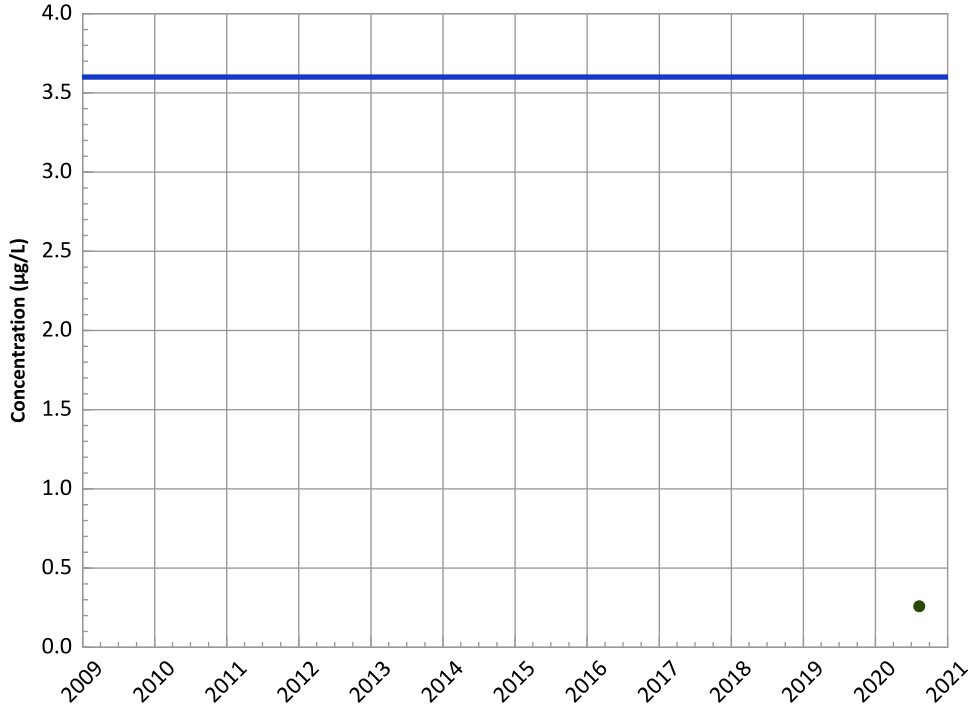


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

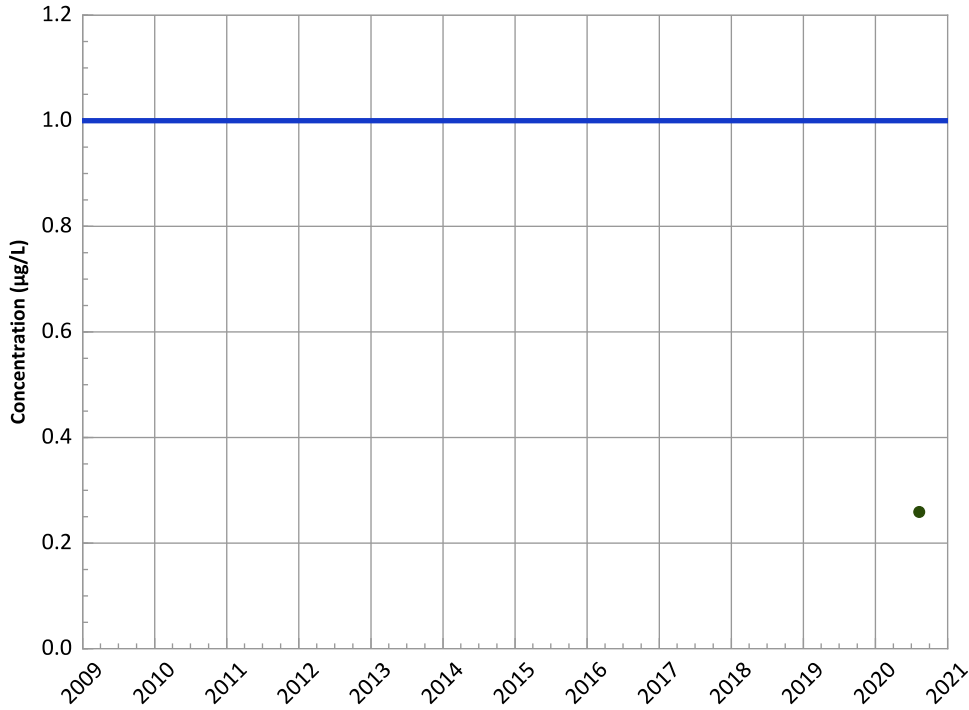


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

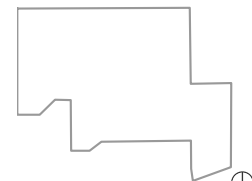


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

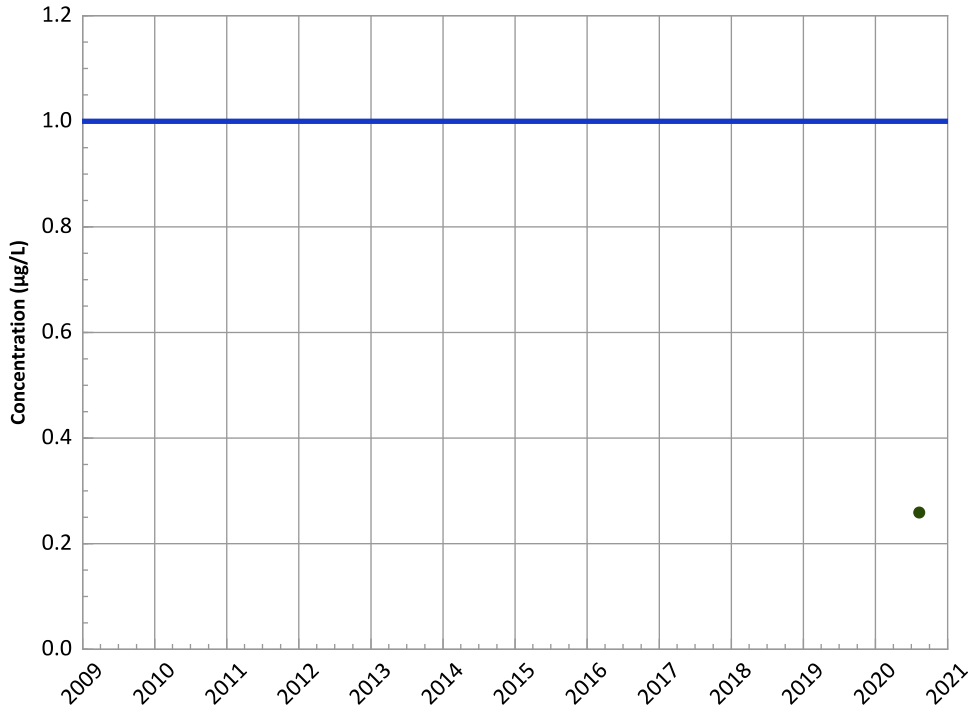


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

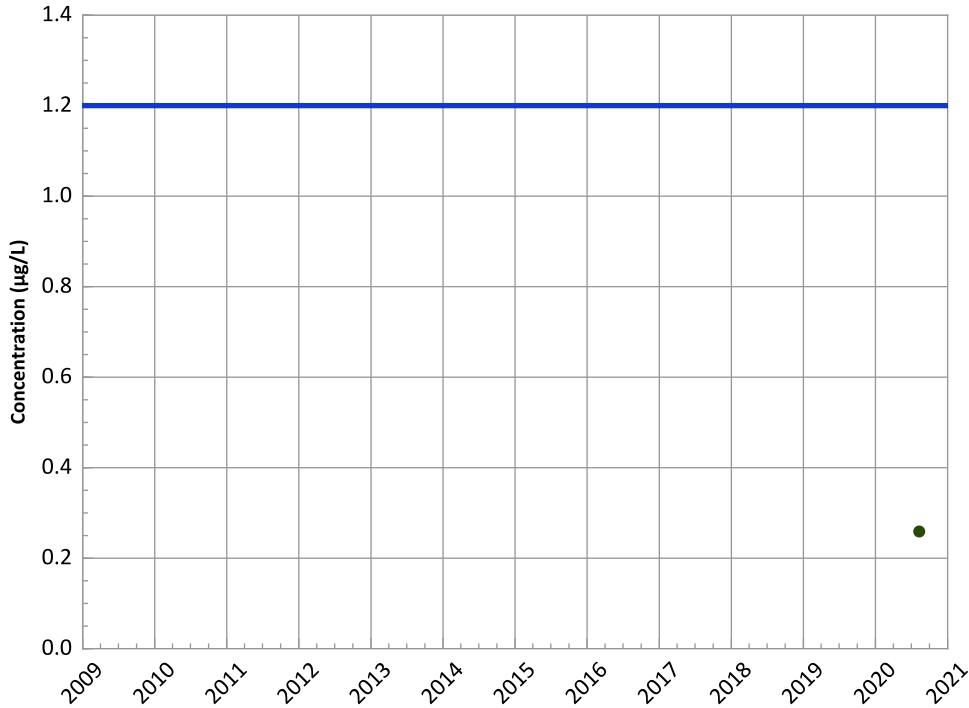


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

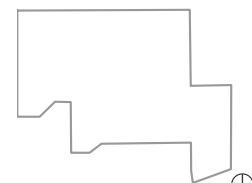


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

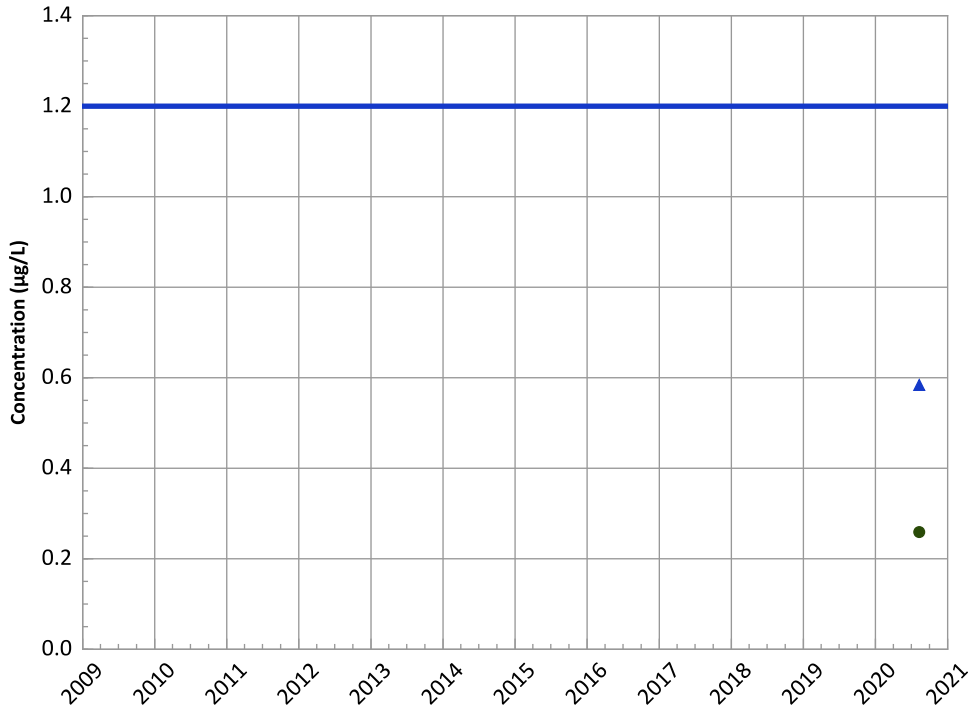


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

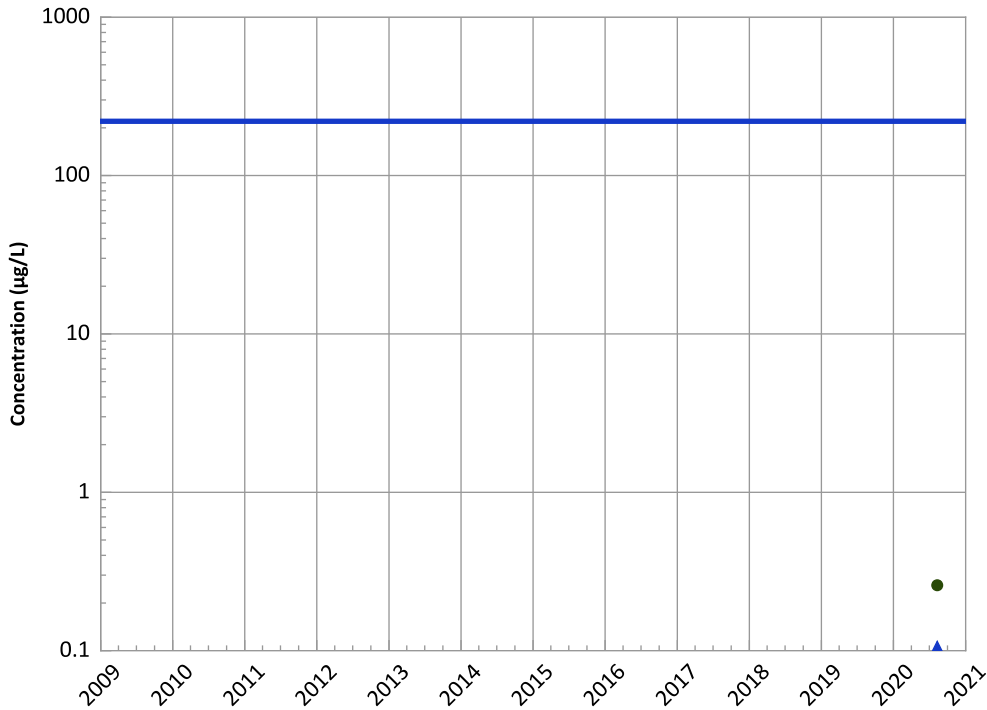


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

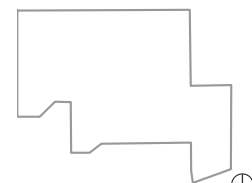


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

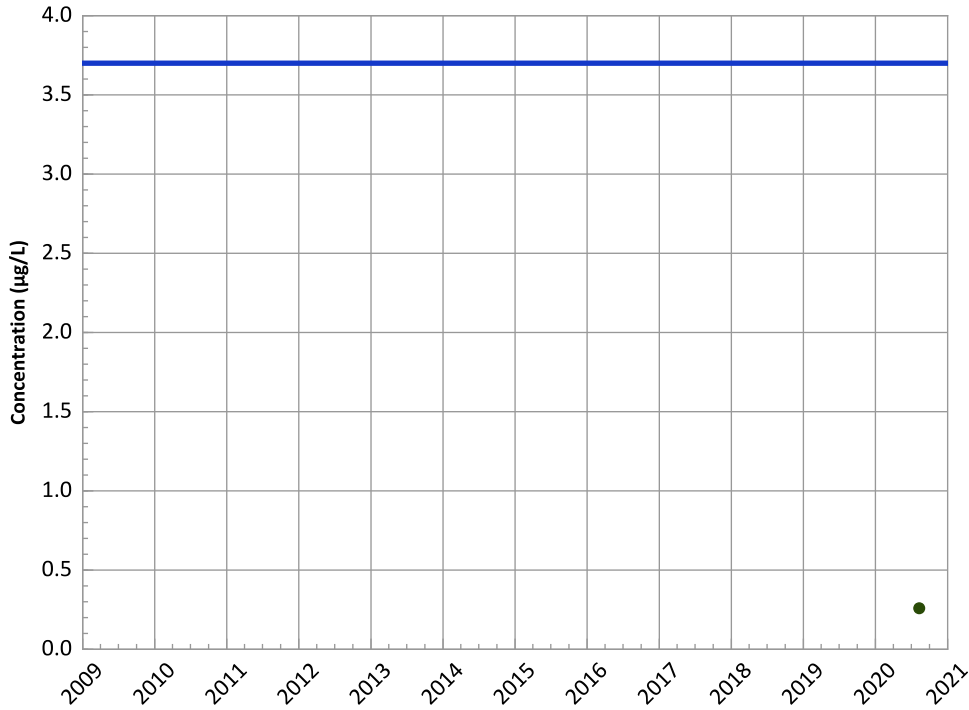


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

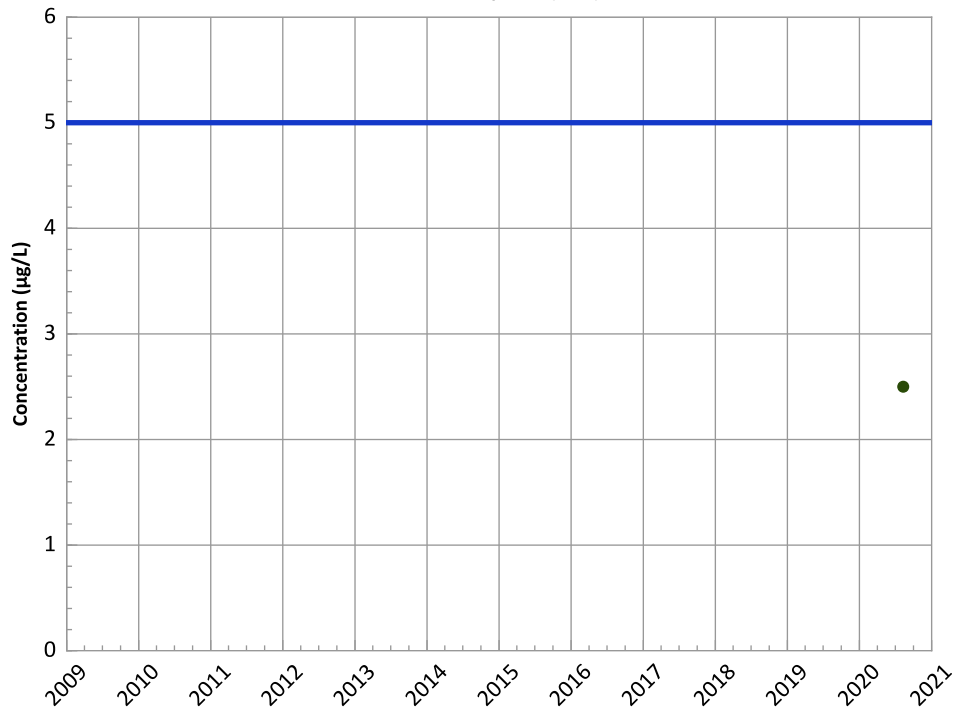


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

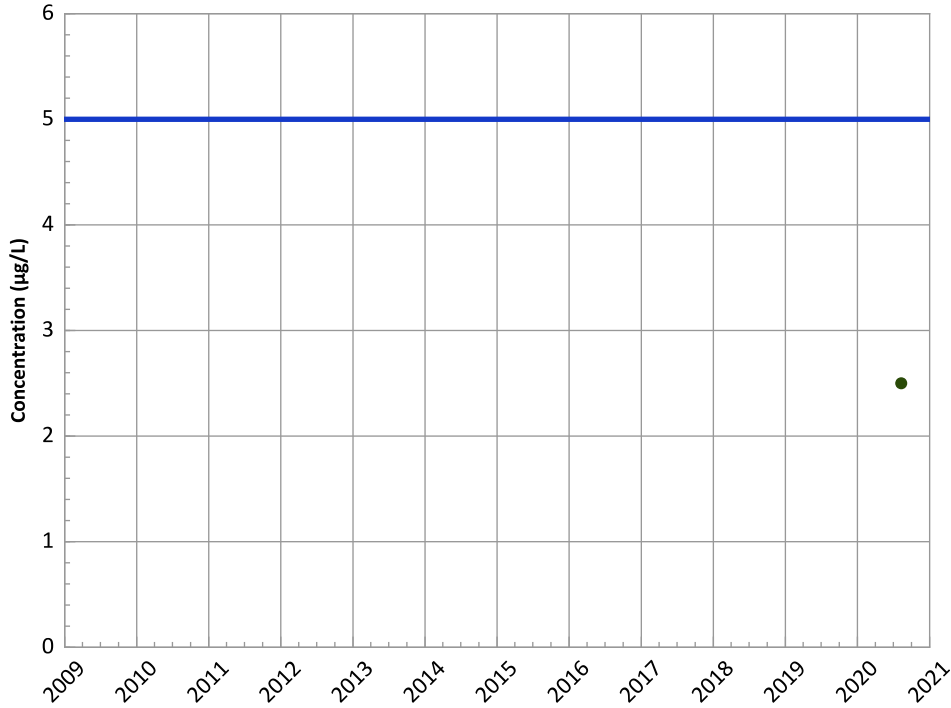


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

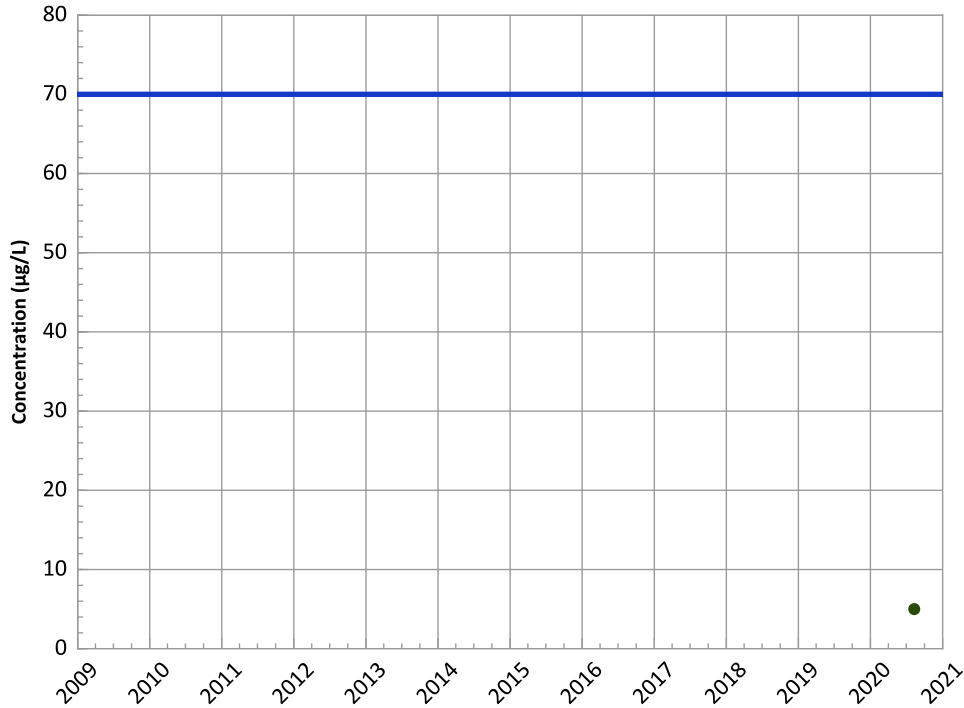


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend

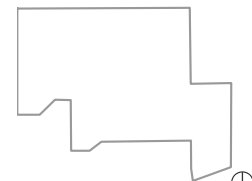


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

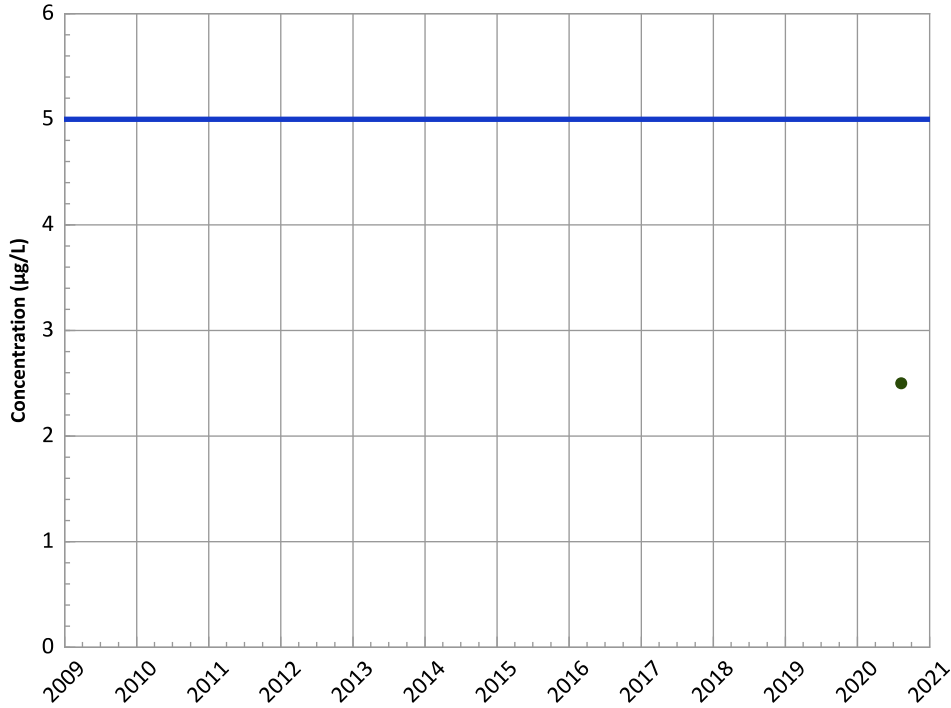


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

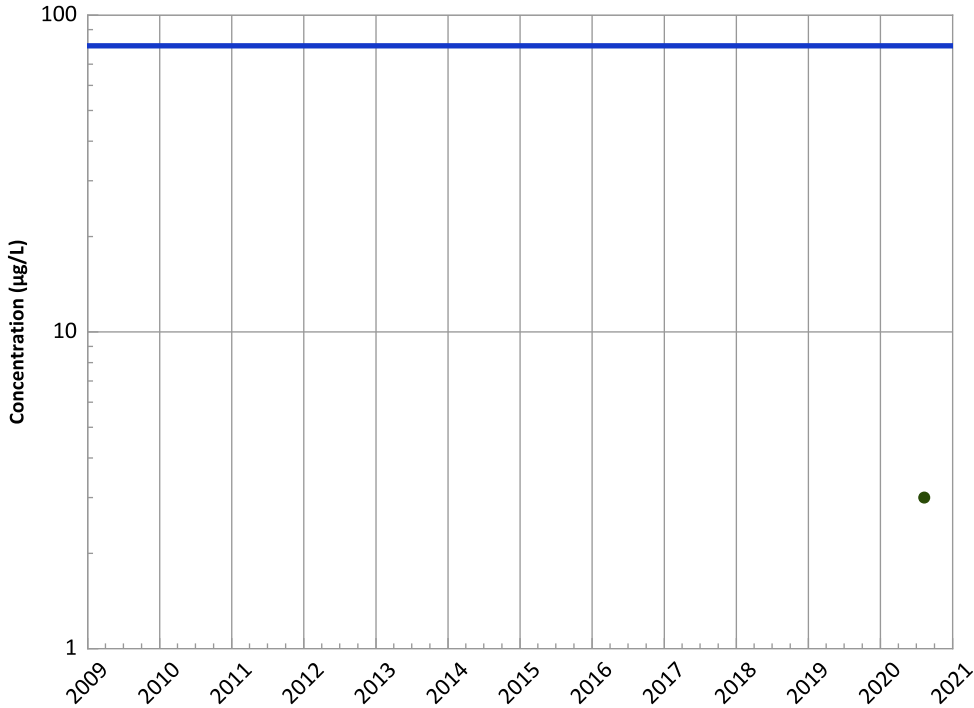


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend

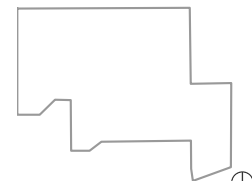


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

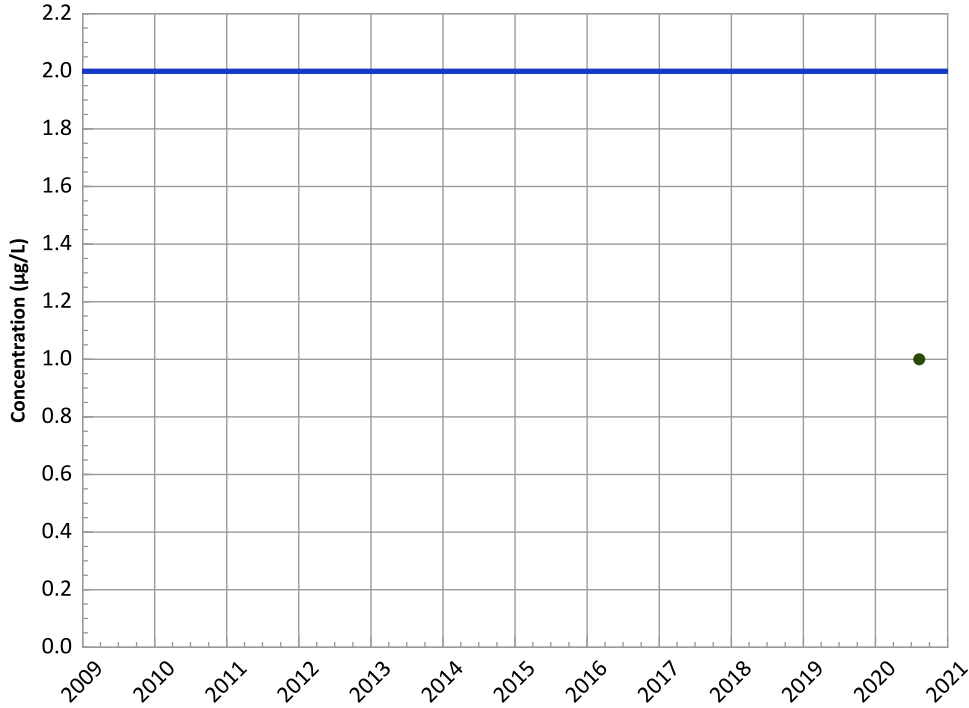
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

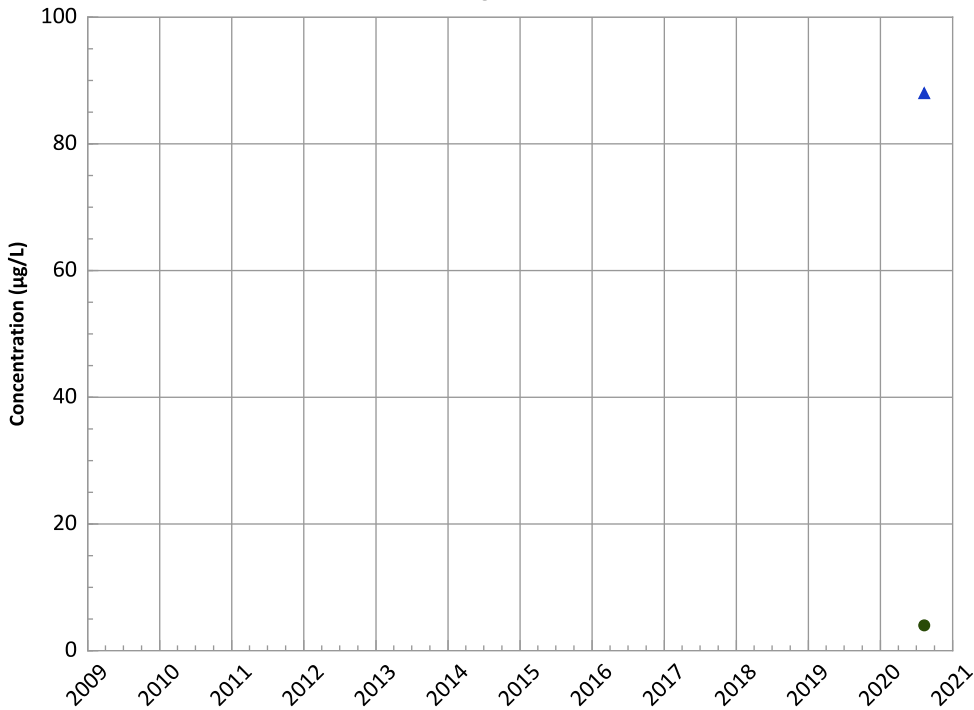


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

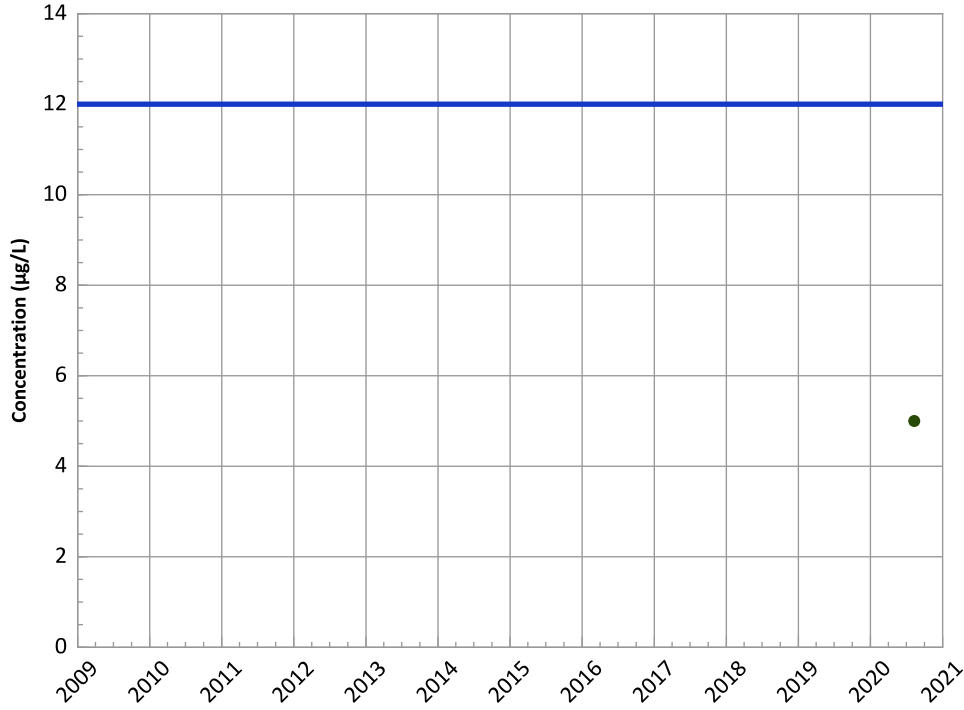


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

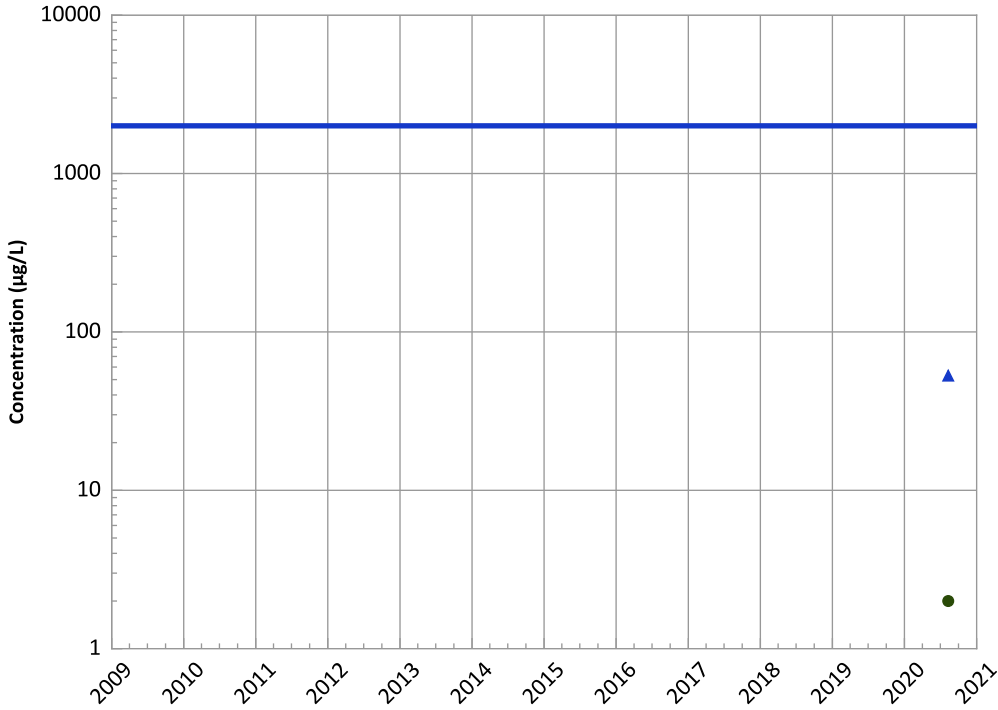


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Barium Trend

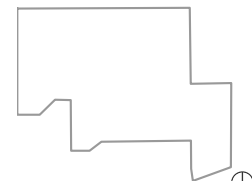


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

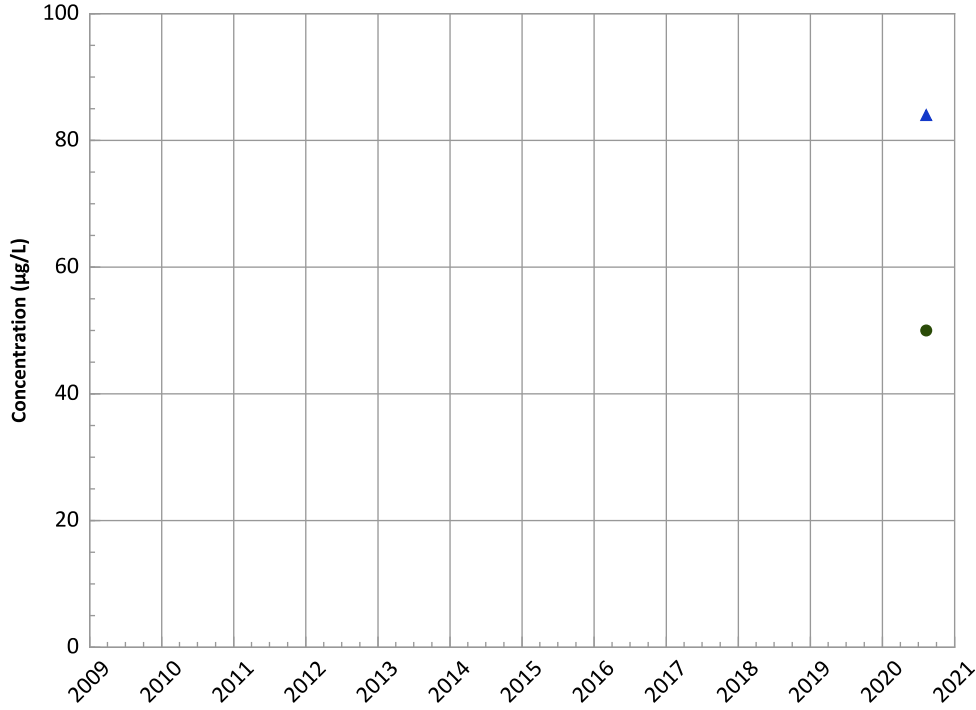


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

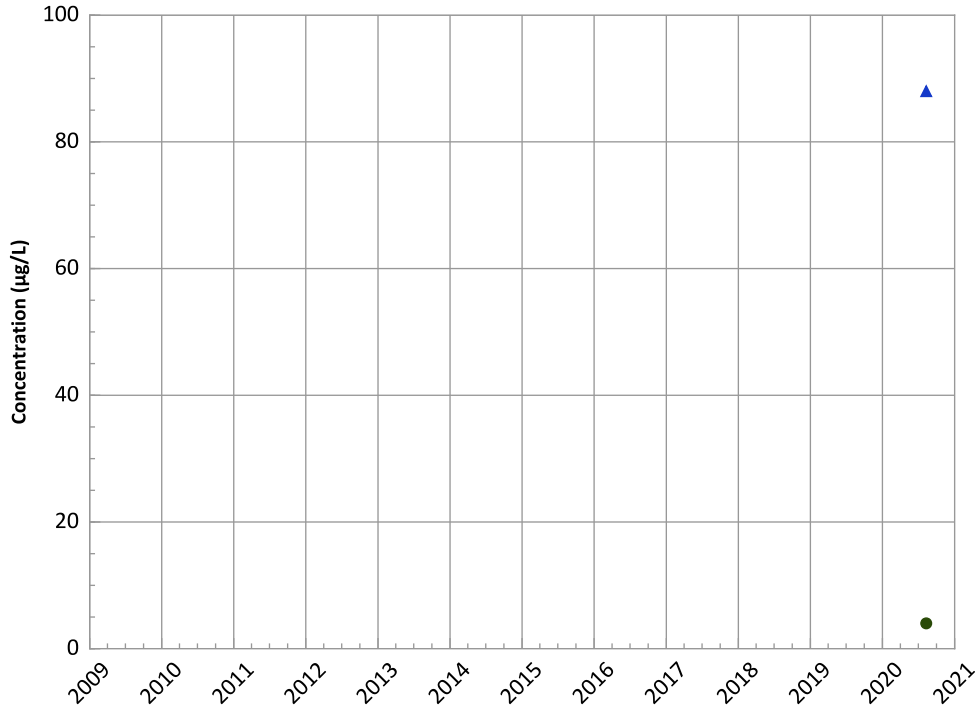
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

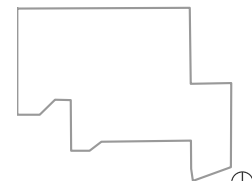
Query Date Range: 01/01/2009 to 12/31/2020

Data Date Range: 08/10/2020 to 08/10/2020

Analysis Date: 06/03/2021

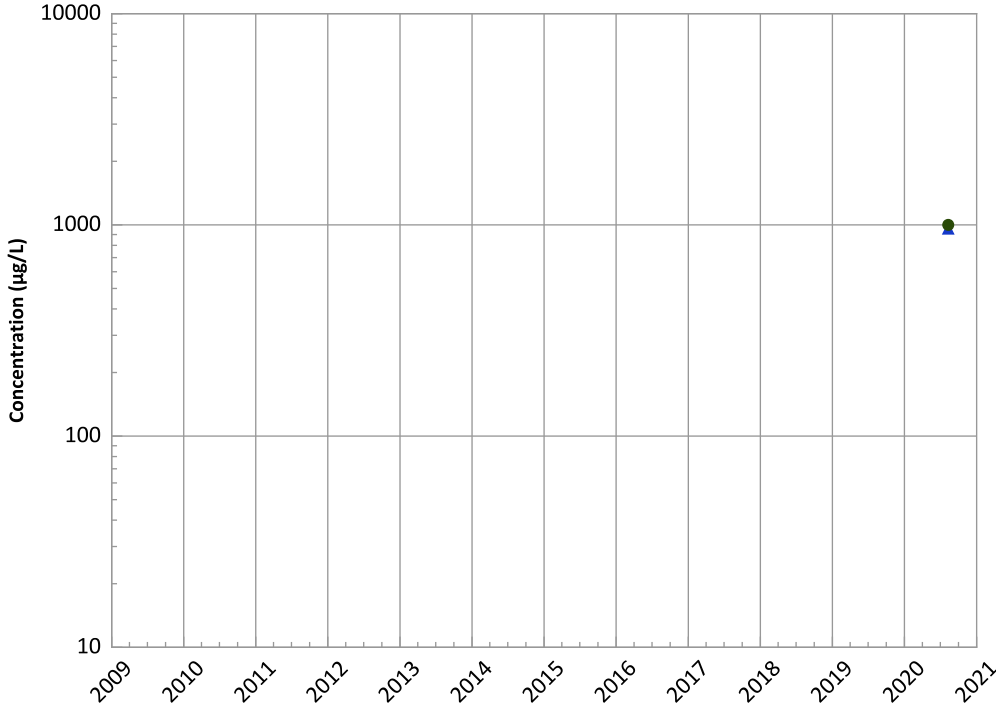
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

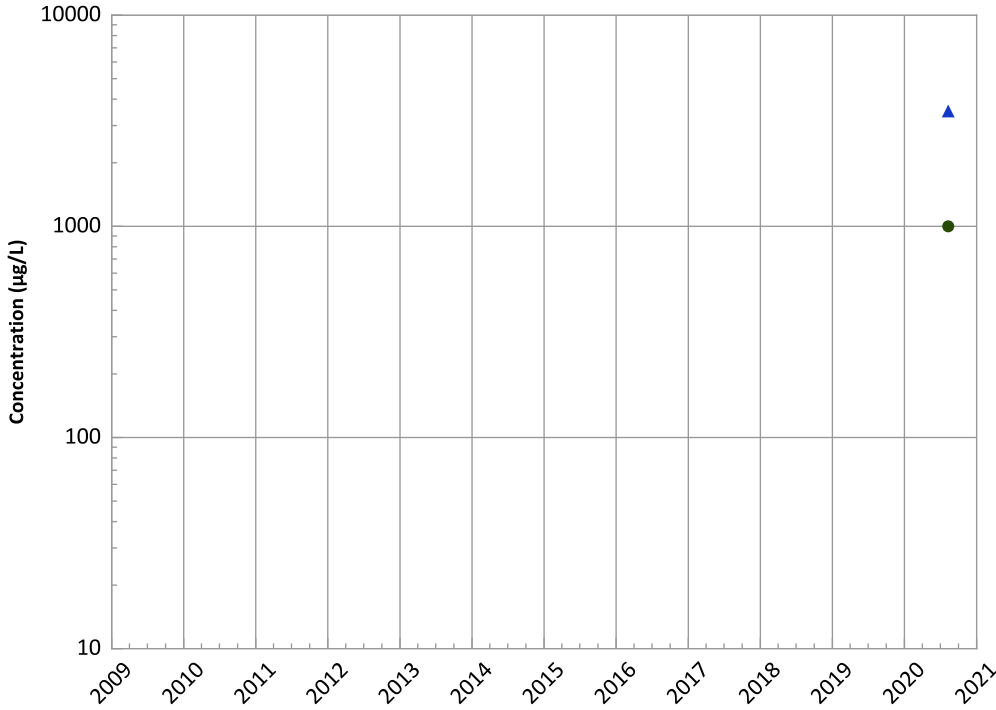


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend

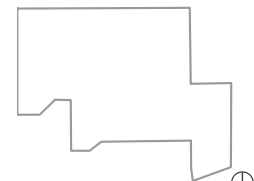


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

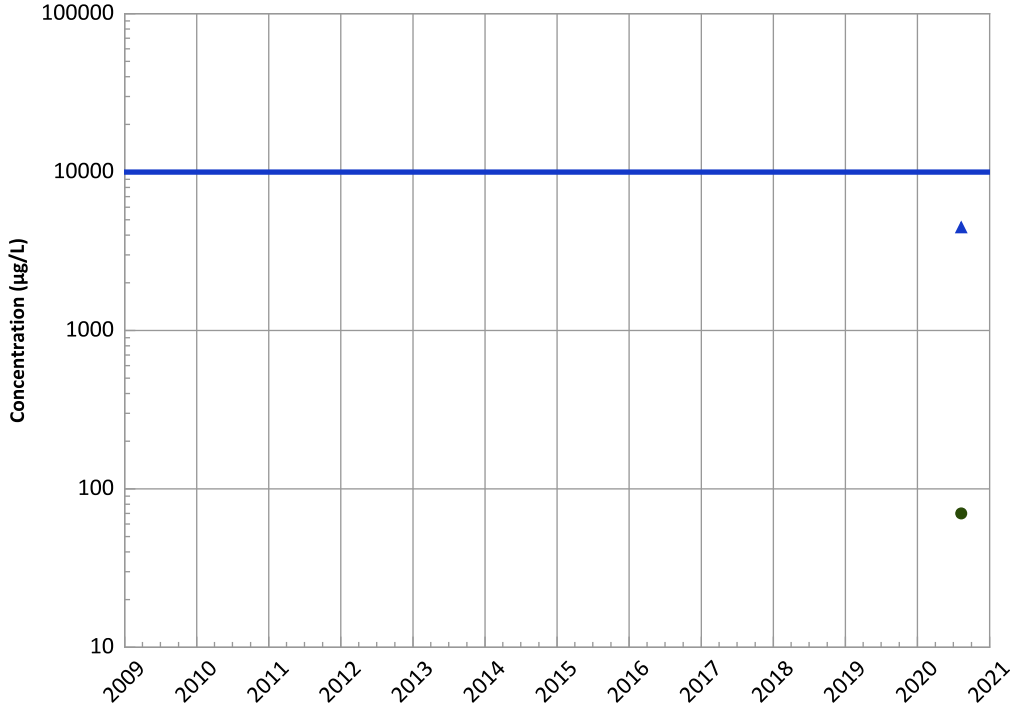


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

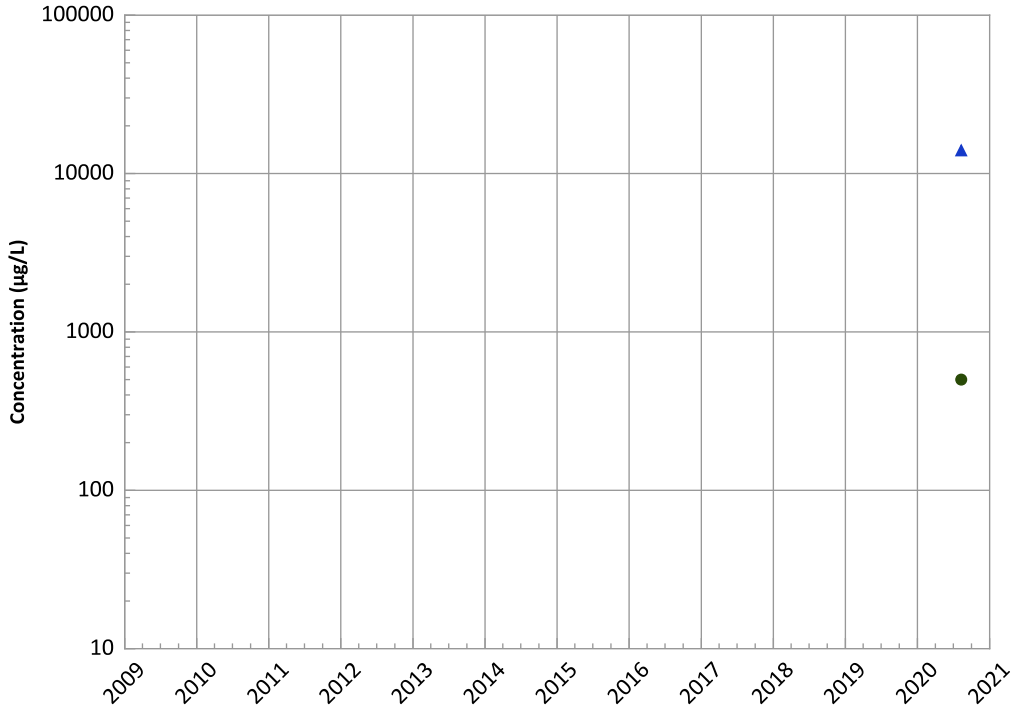


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

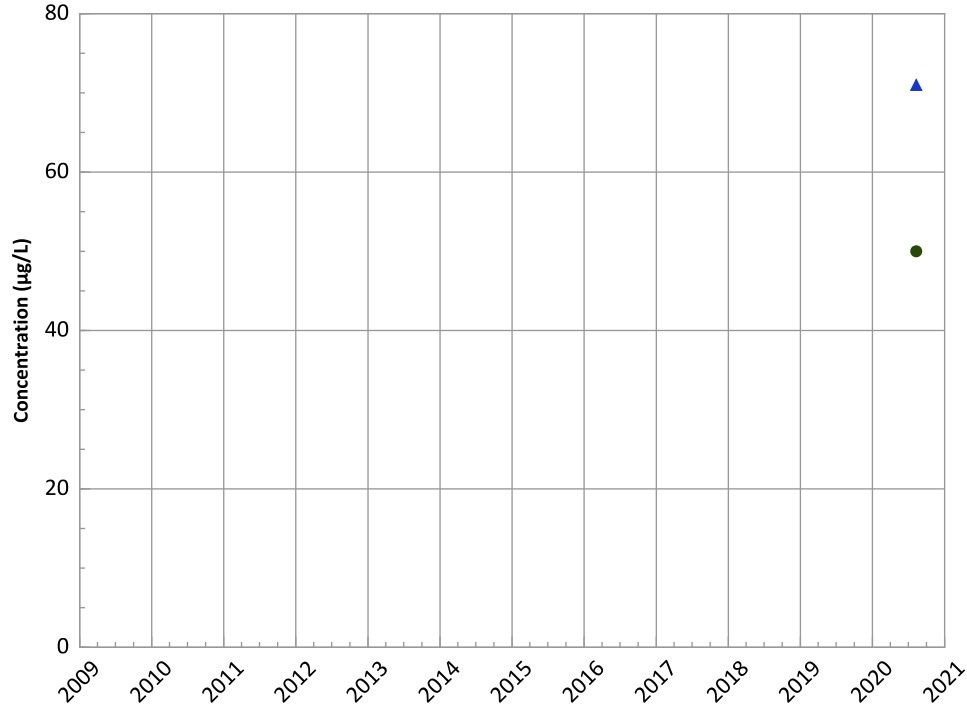


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

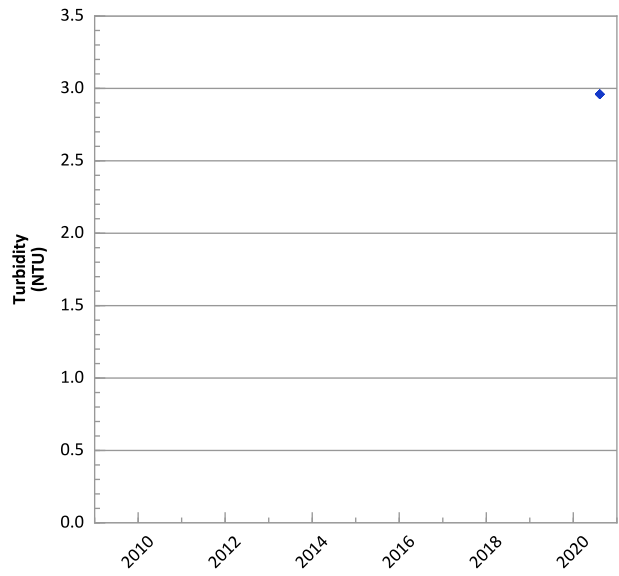
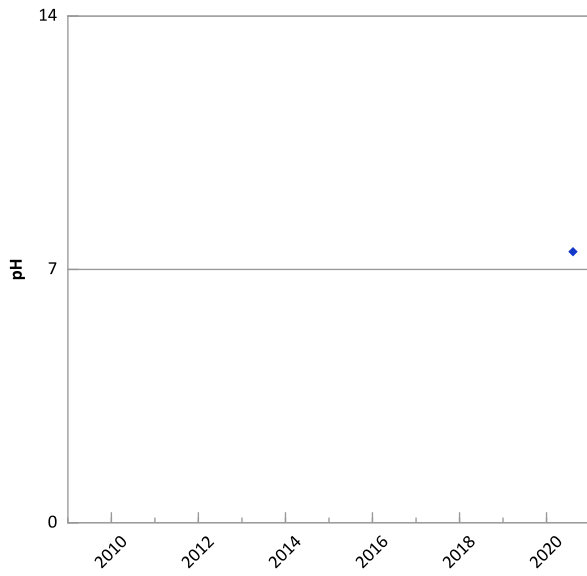
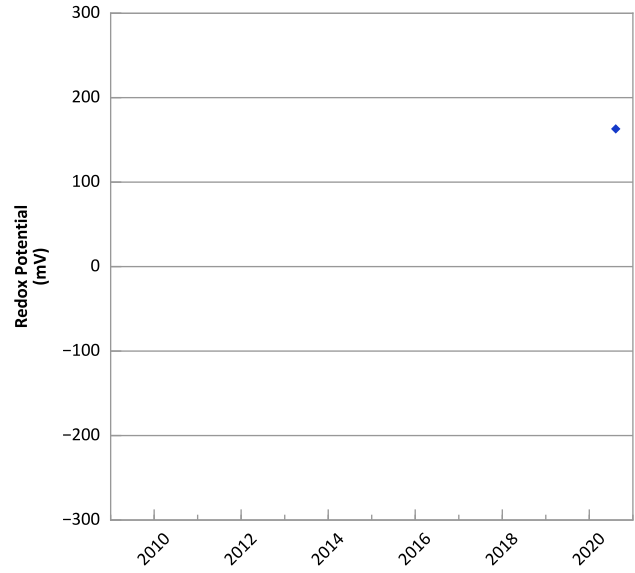
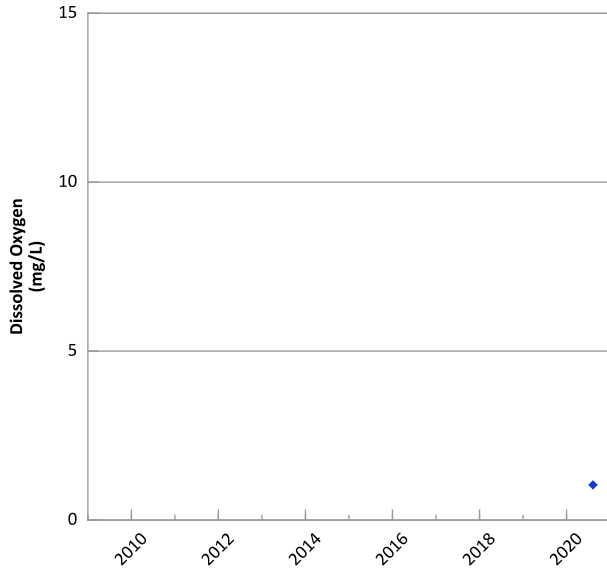
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 08/10/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

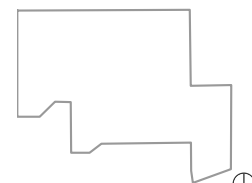


PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



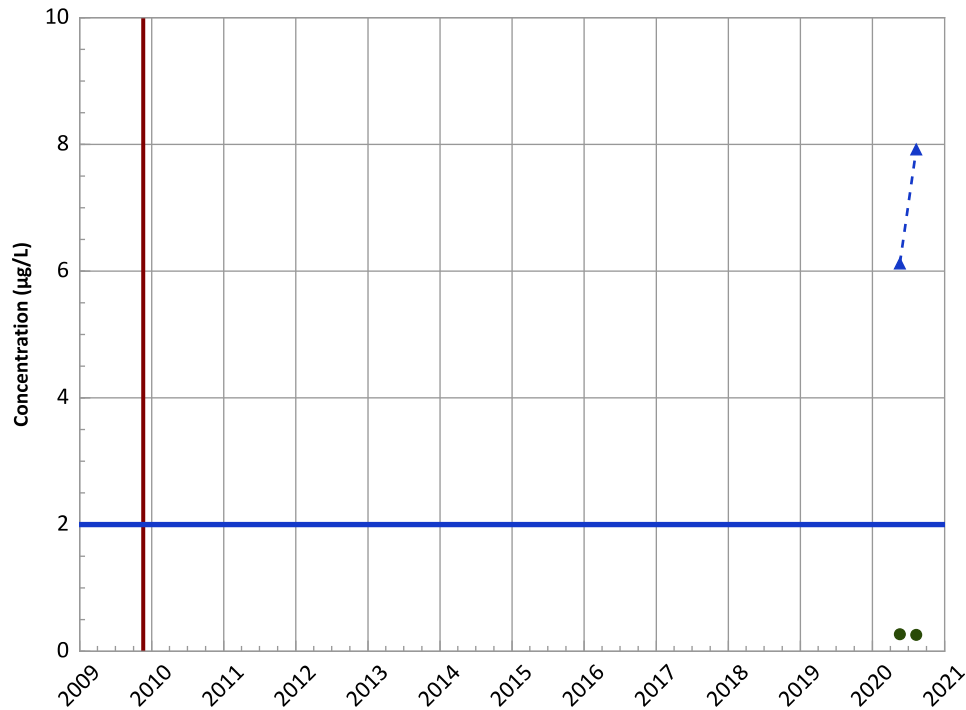
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

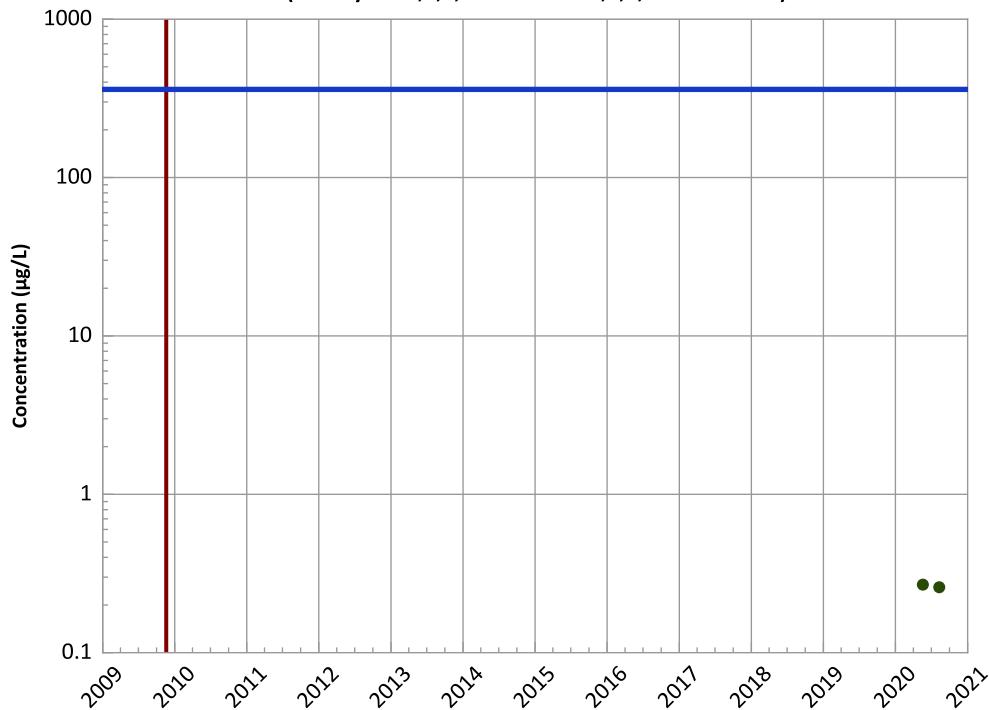


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

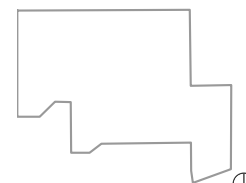


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

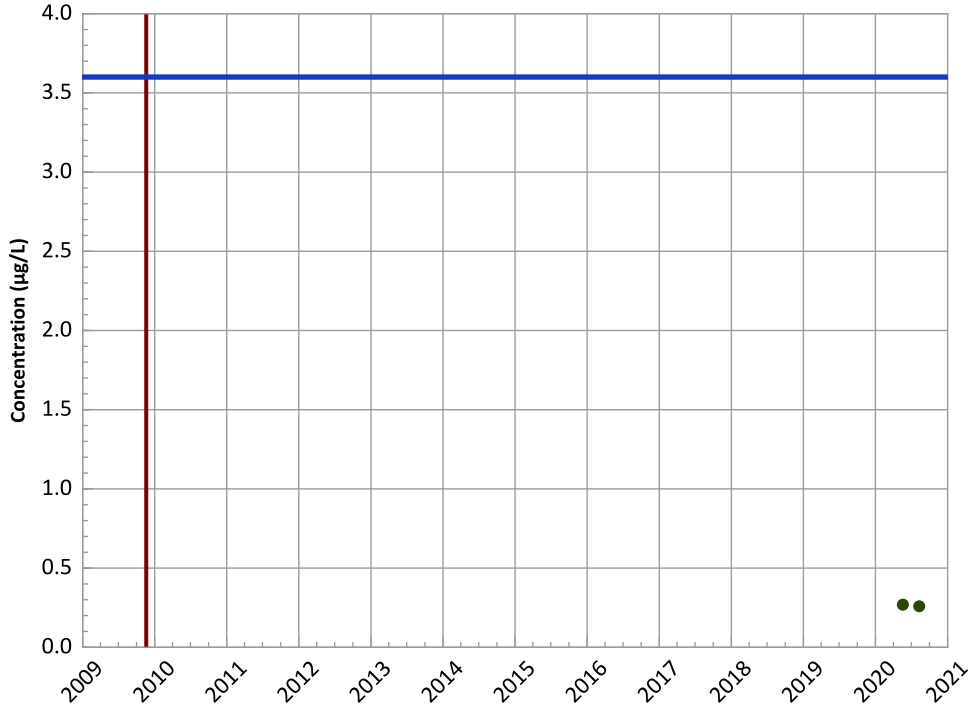


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

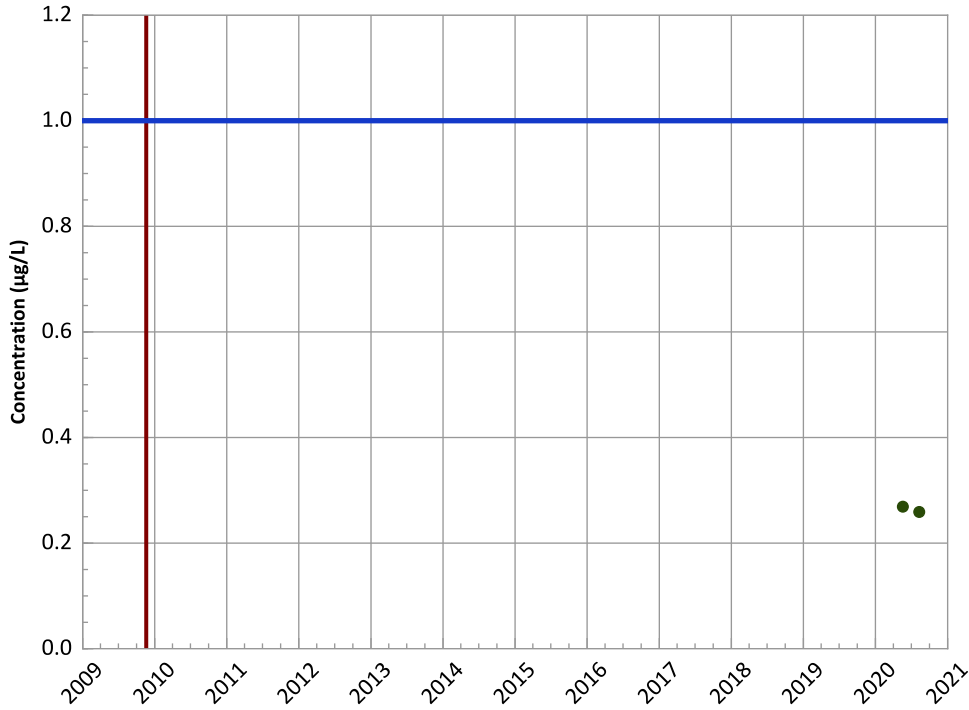


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

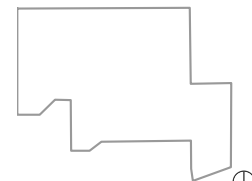


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

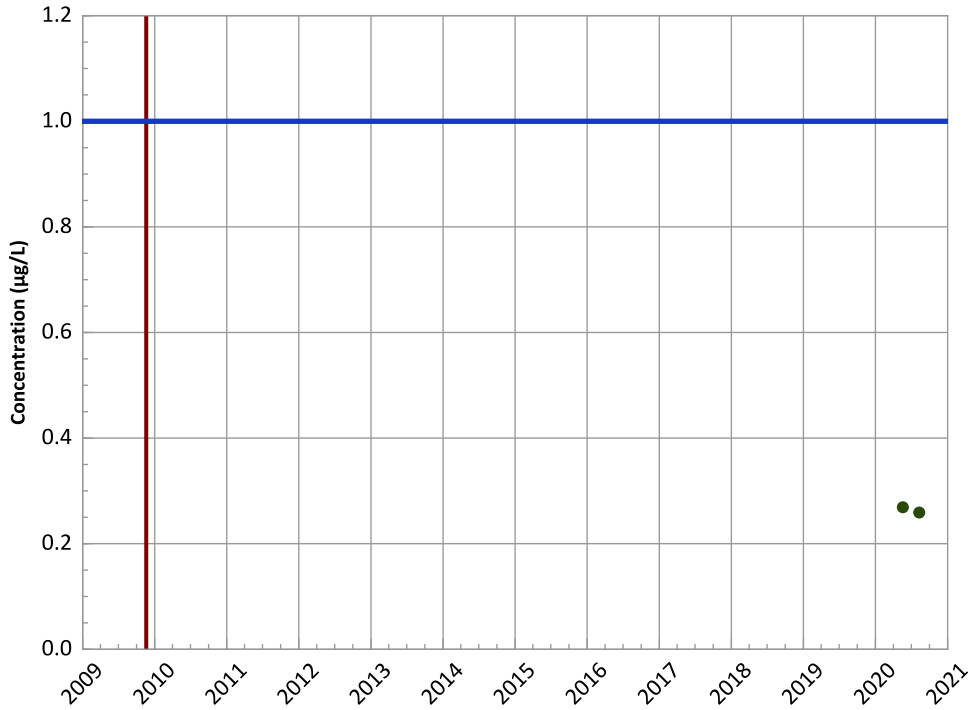


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

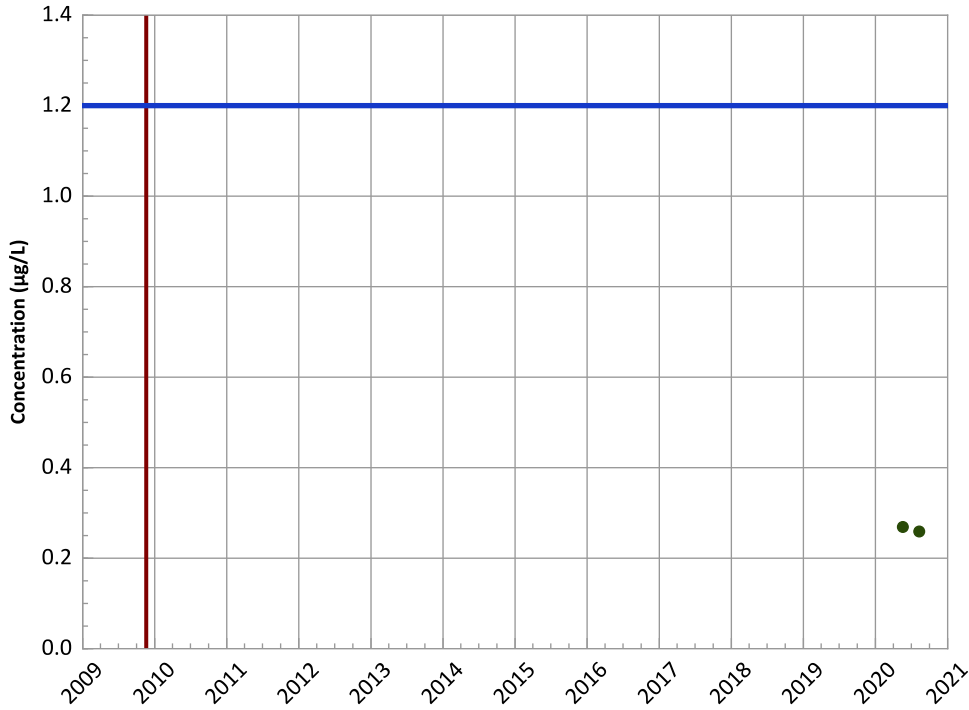


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

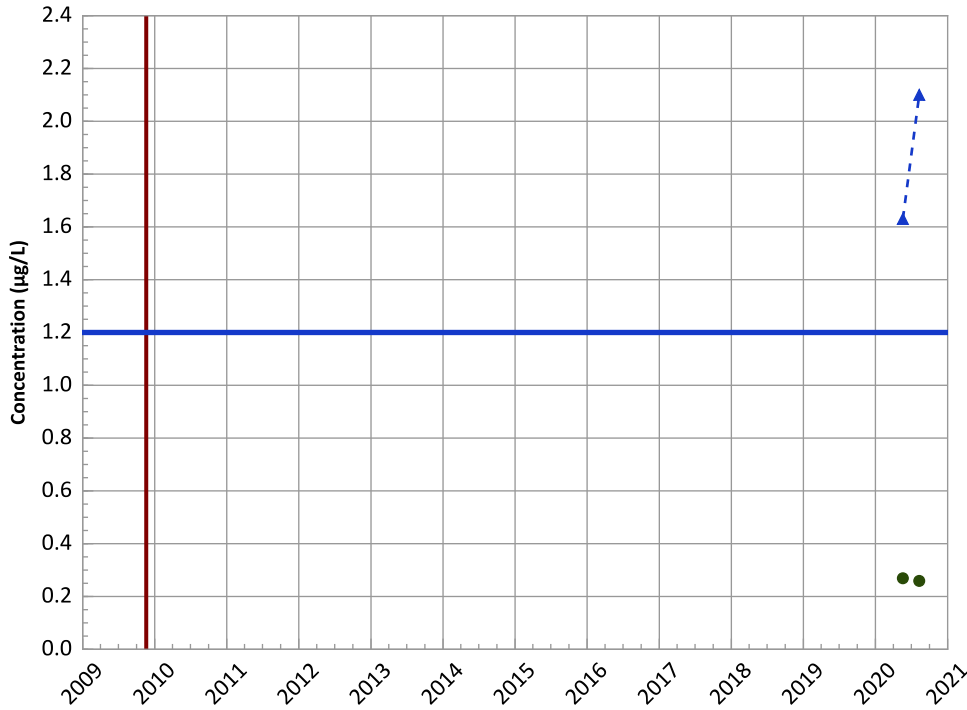


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

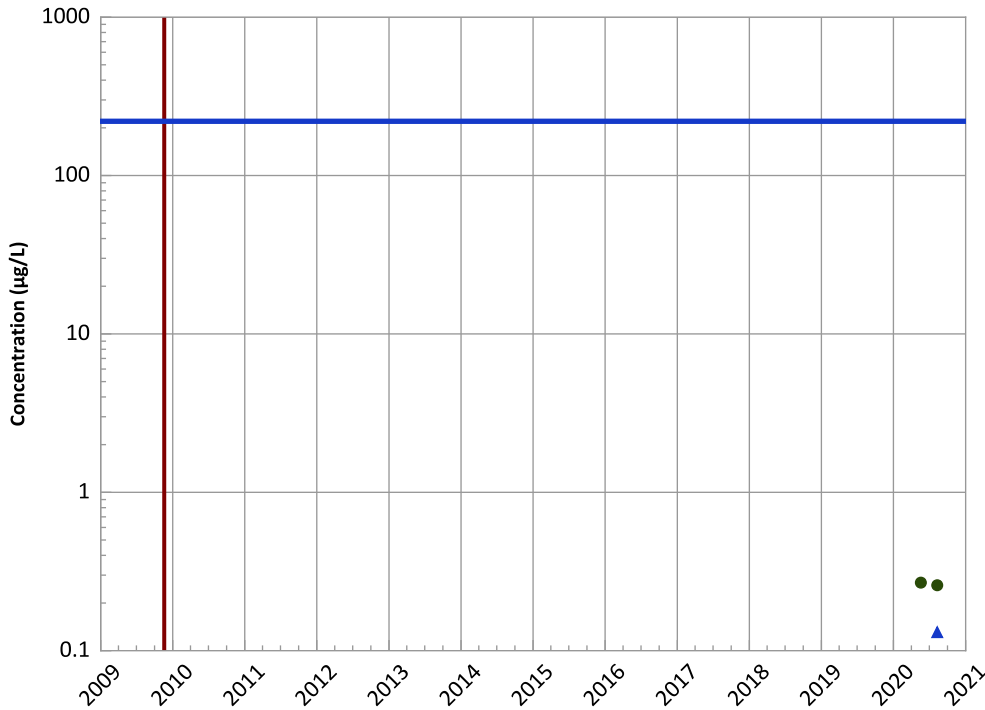


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

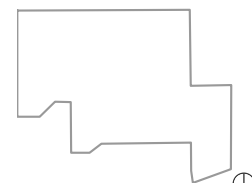


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

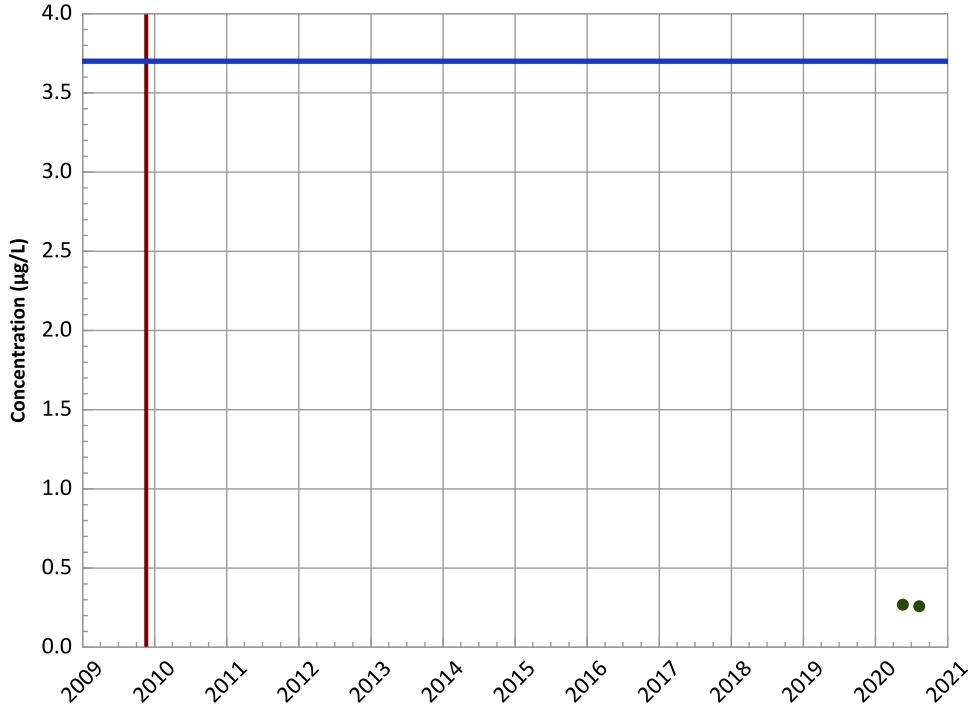


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

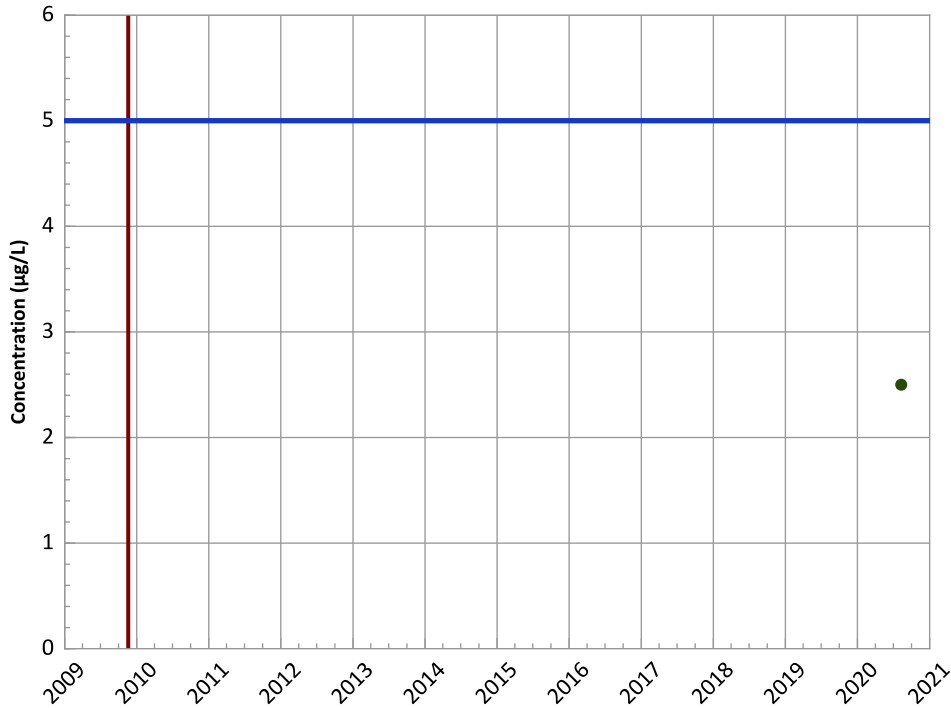


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend

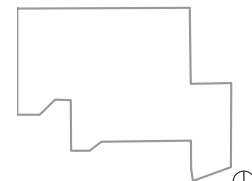


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

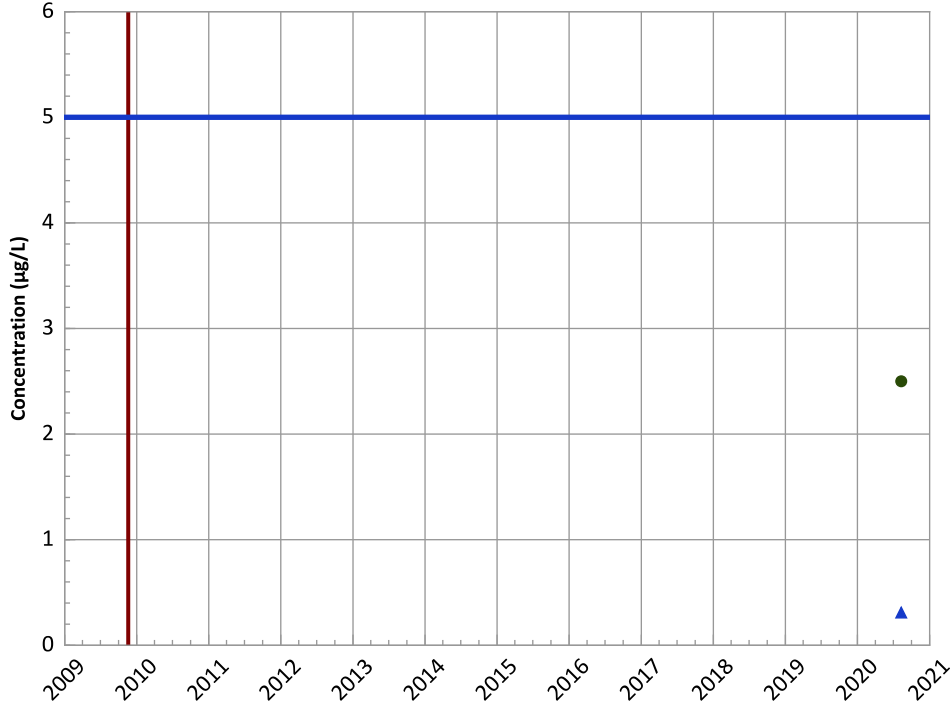


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

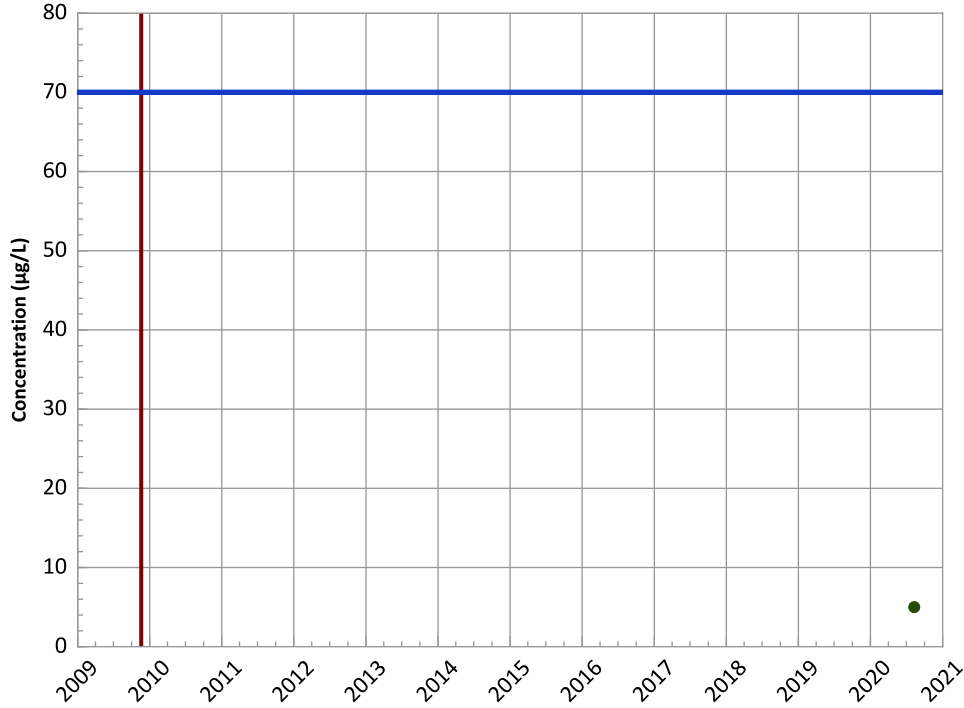


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

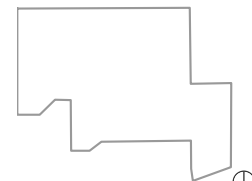


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

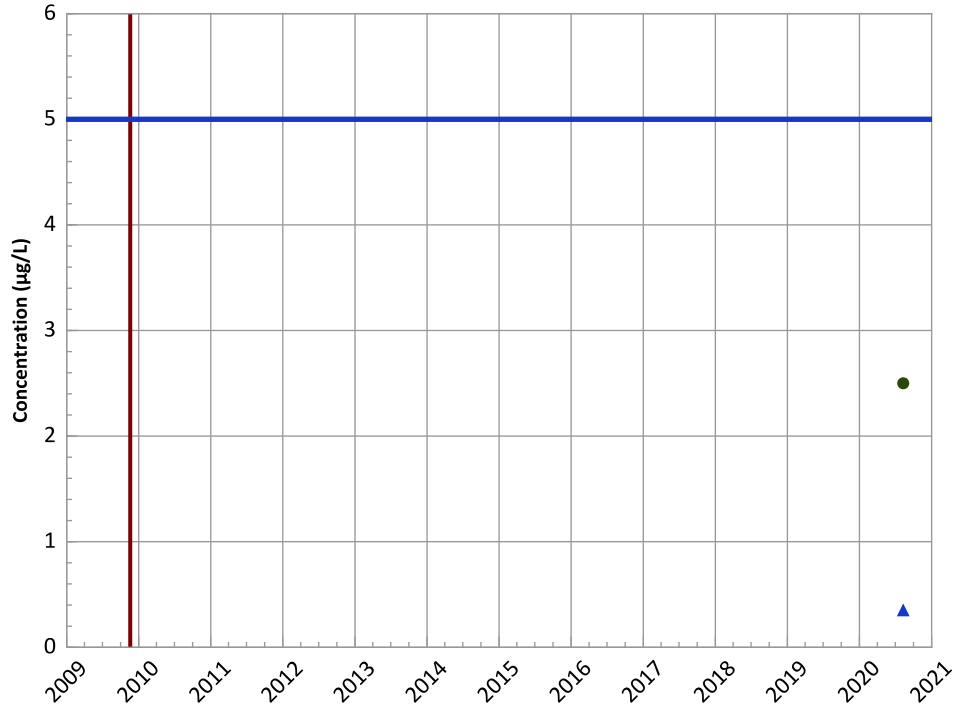


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

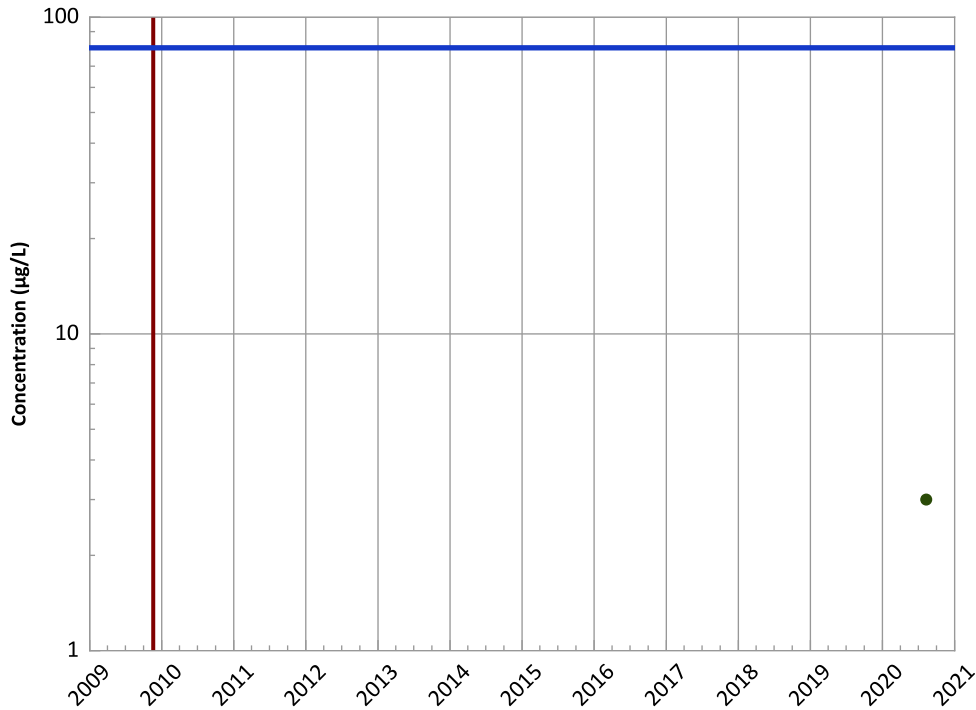
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

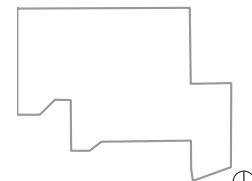
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

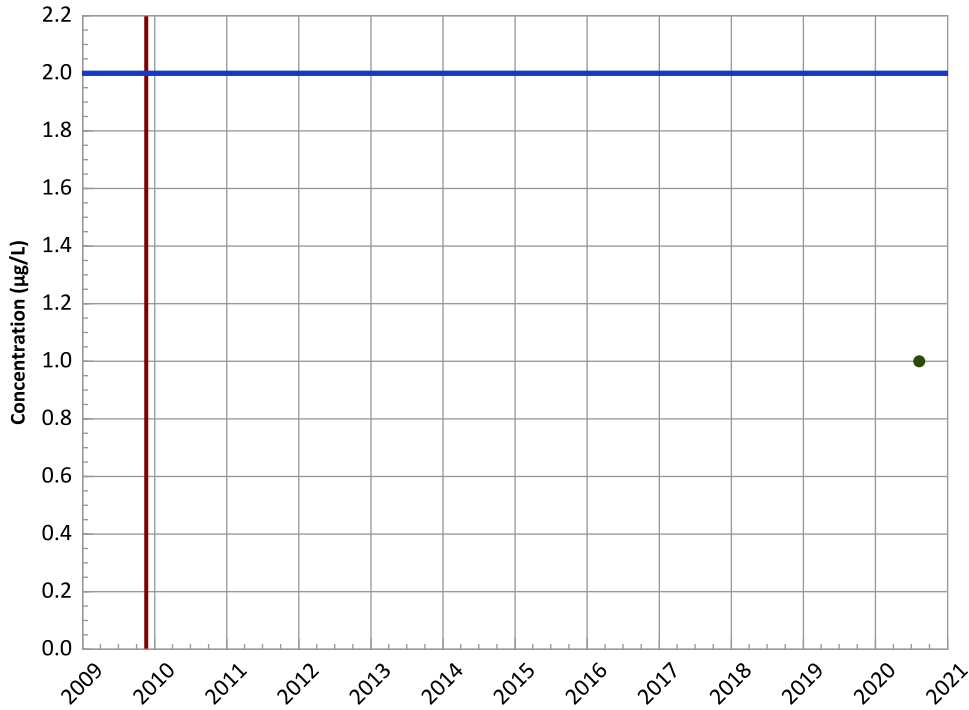
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

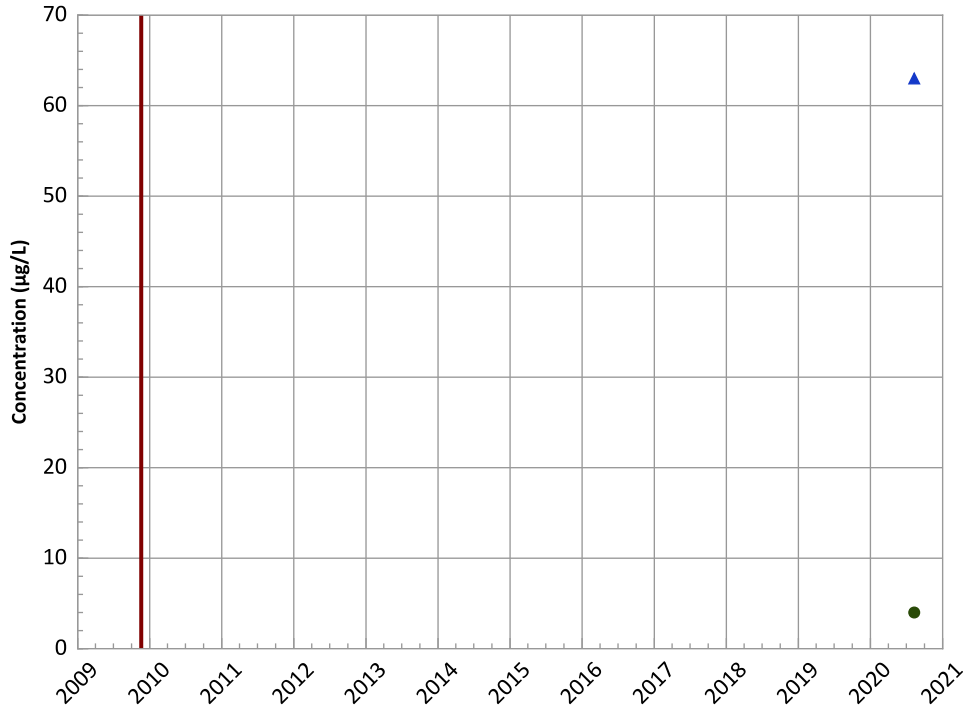


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Manganese Trend

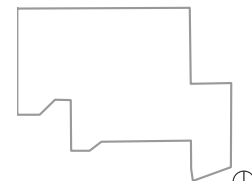


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

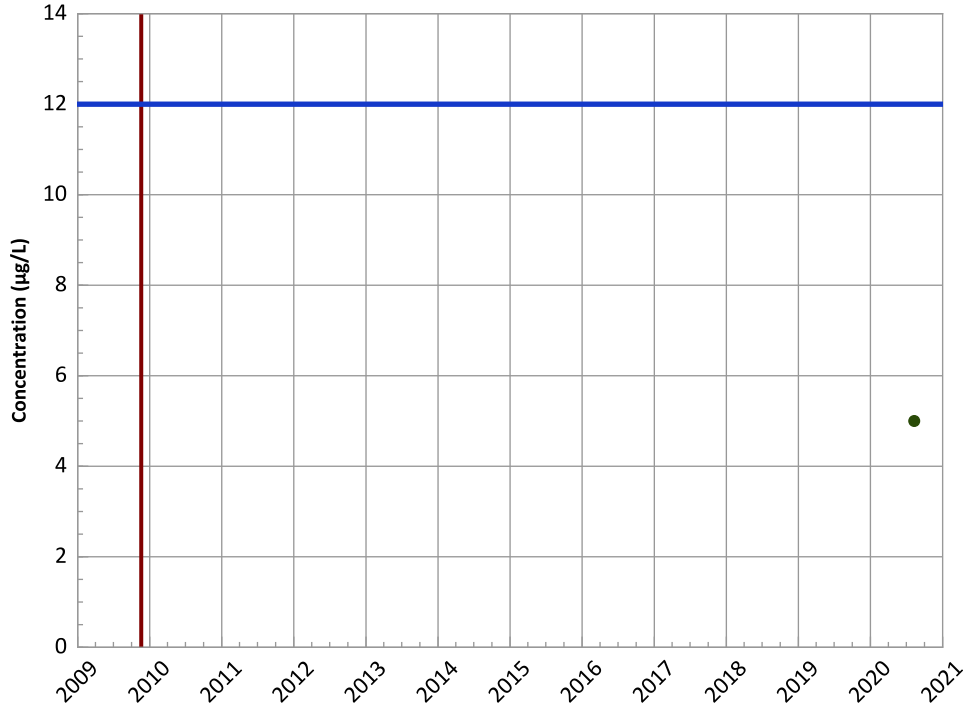


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

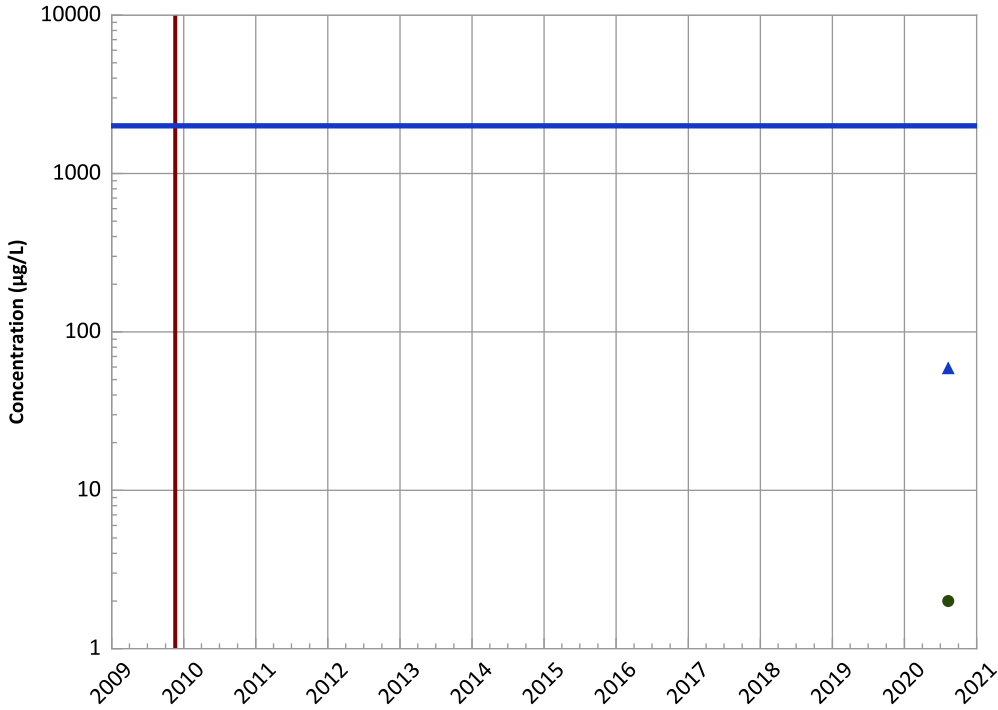


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

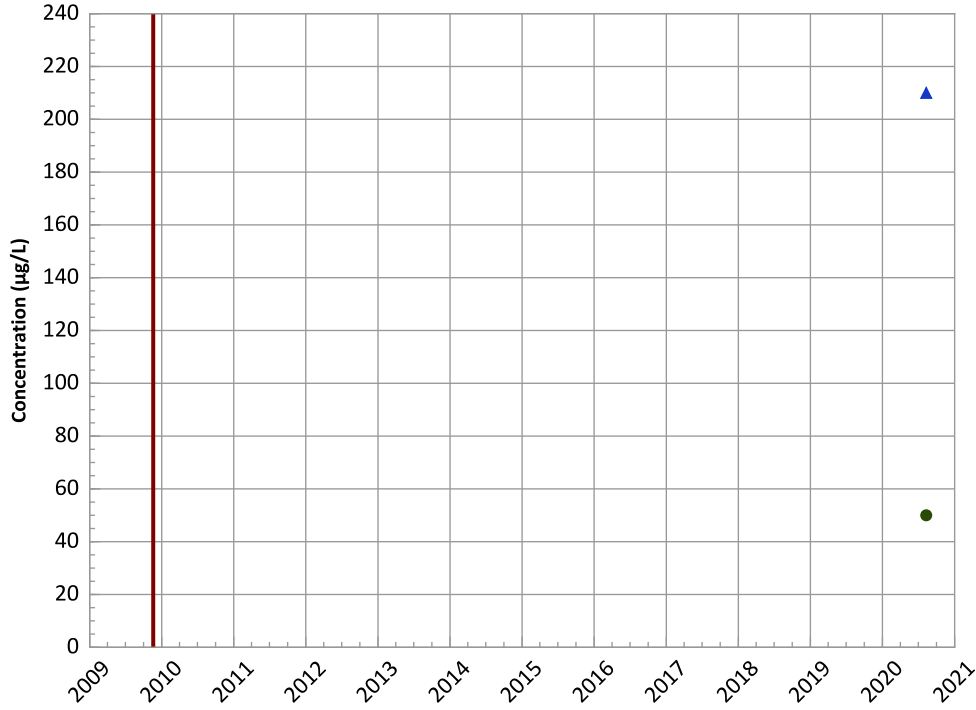


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

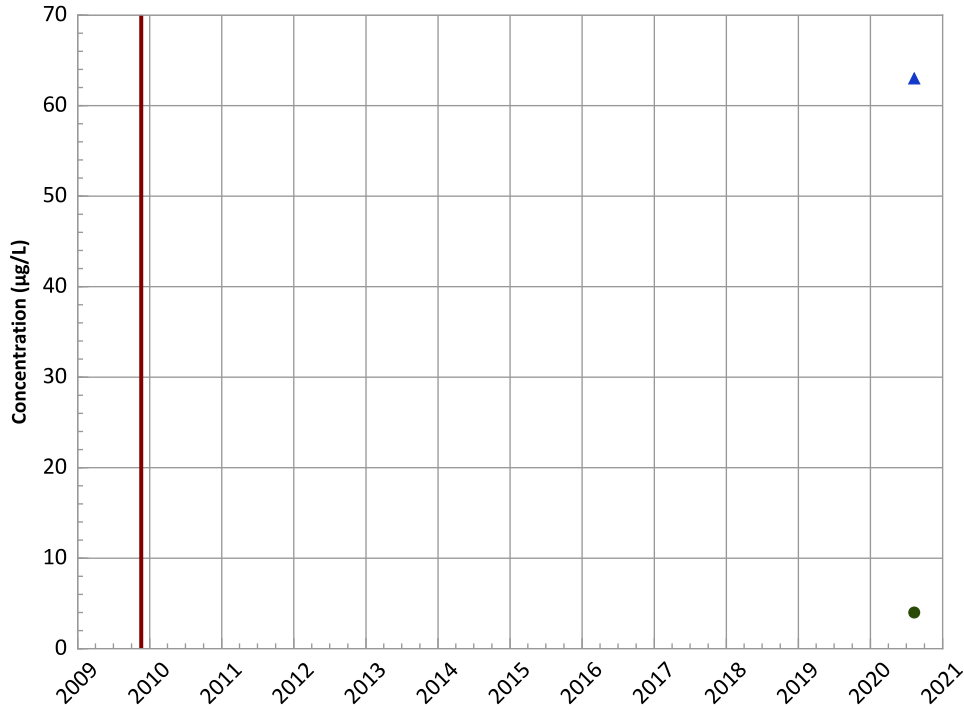
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

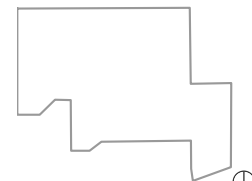
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

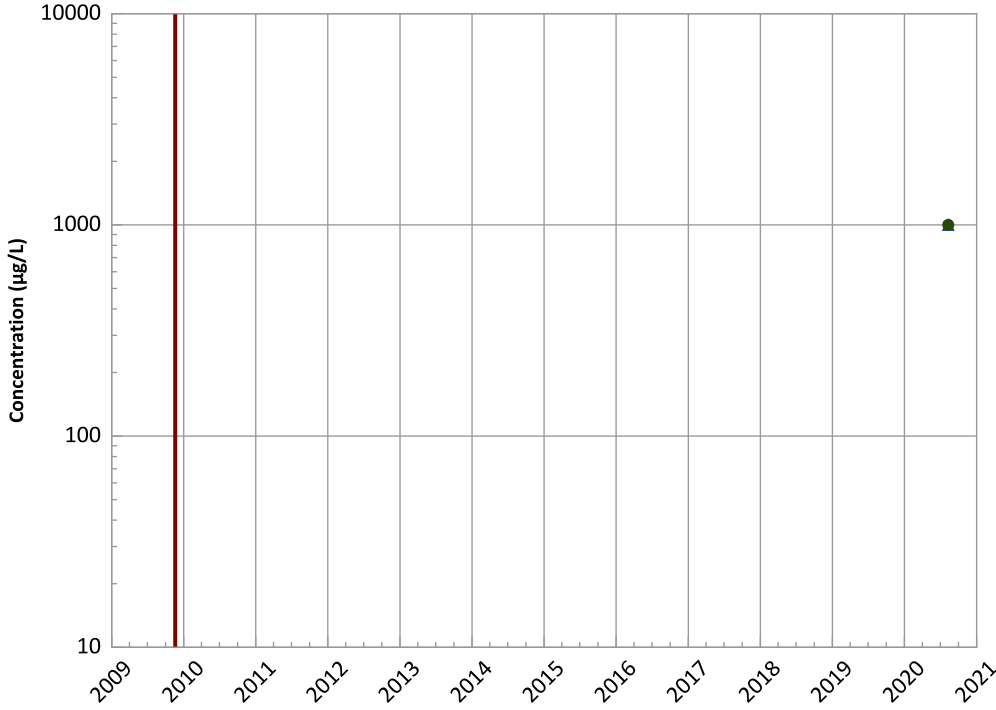


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

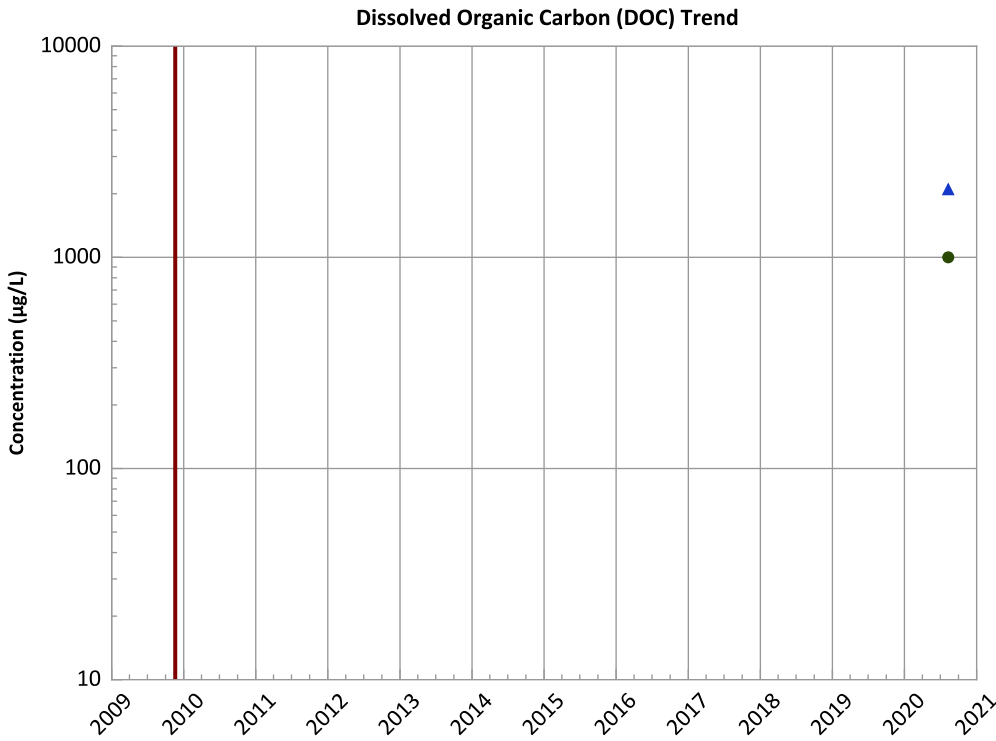
MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

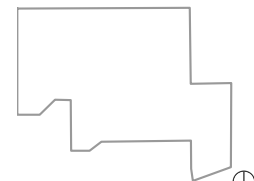
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

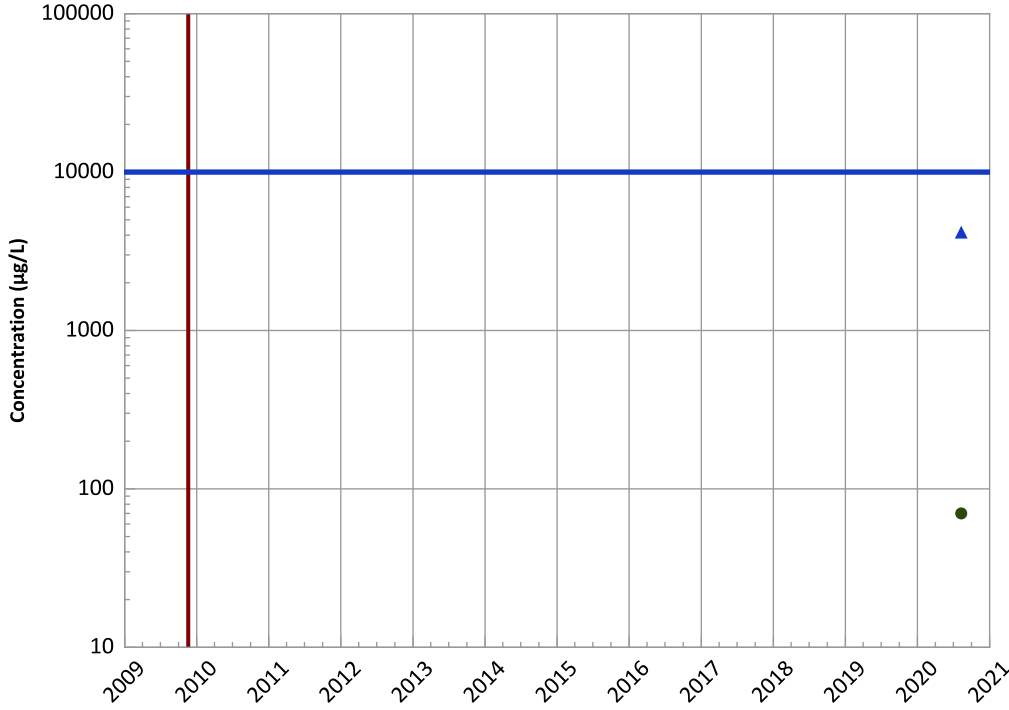


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

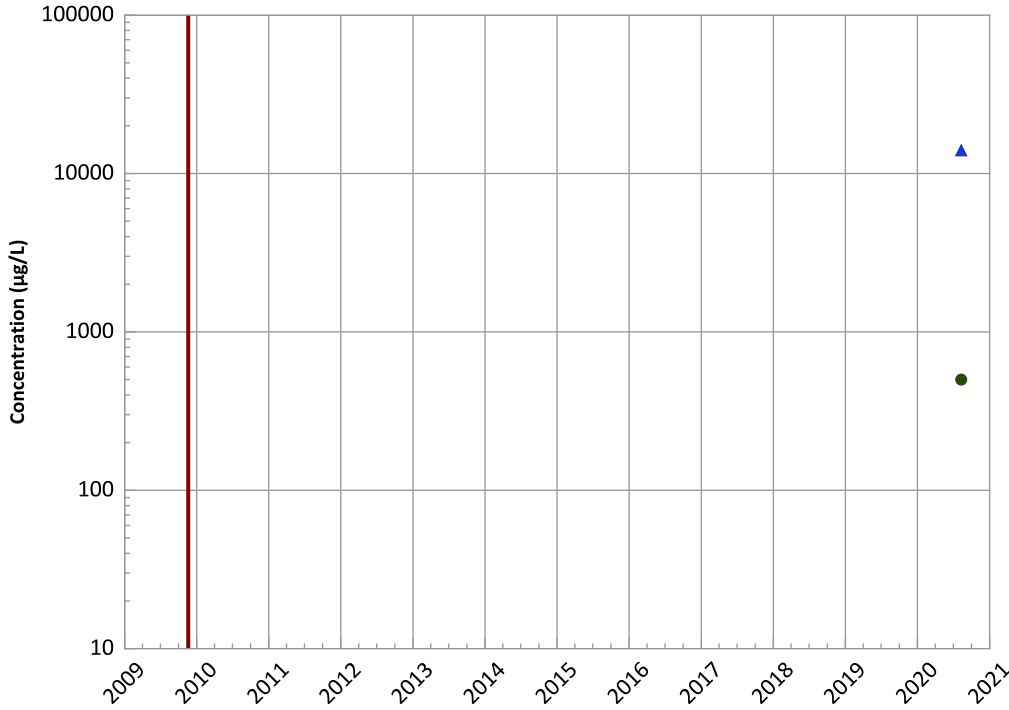


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

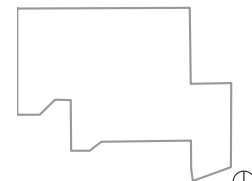


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

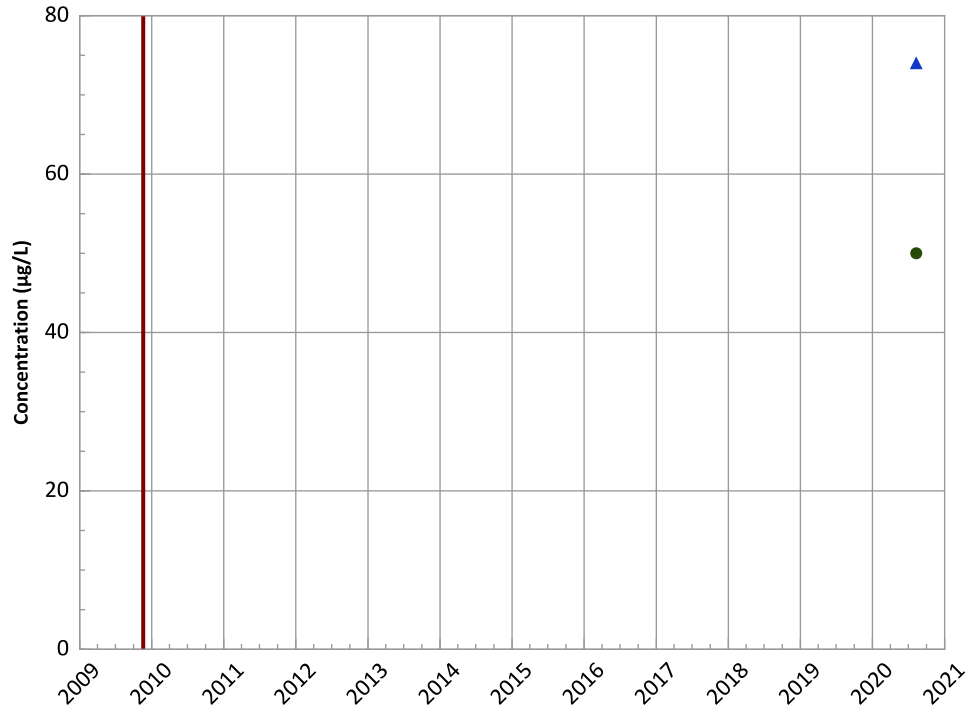


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB404 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

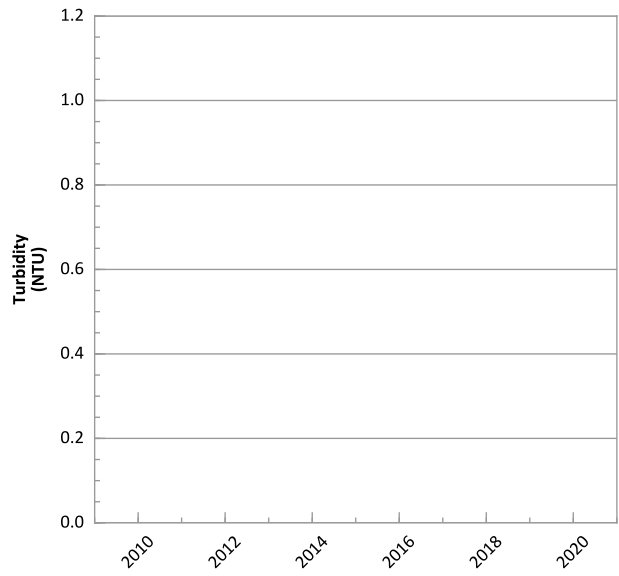
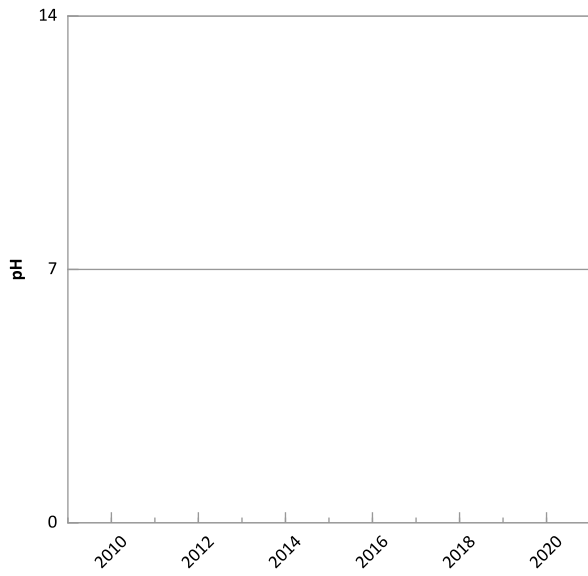
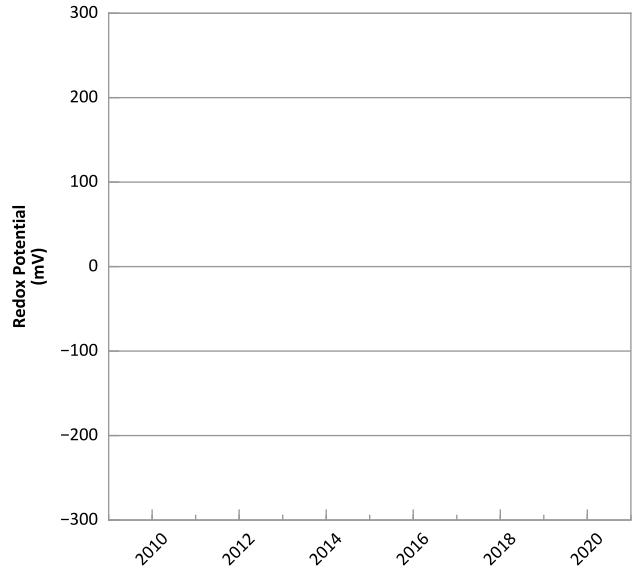
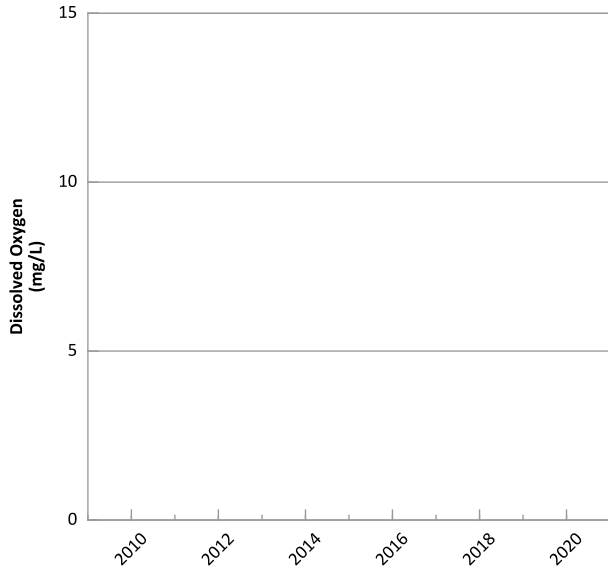
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/19/2020 to 08/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

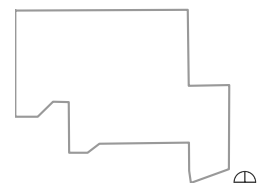


PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



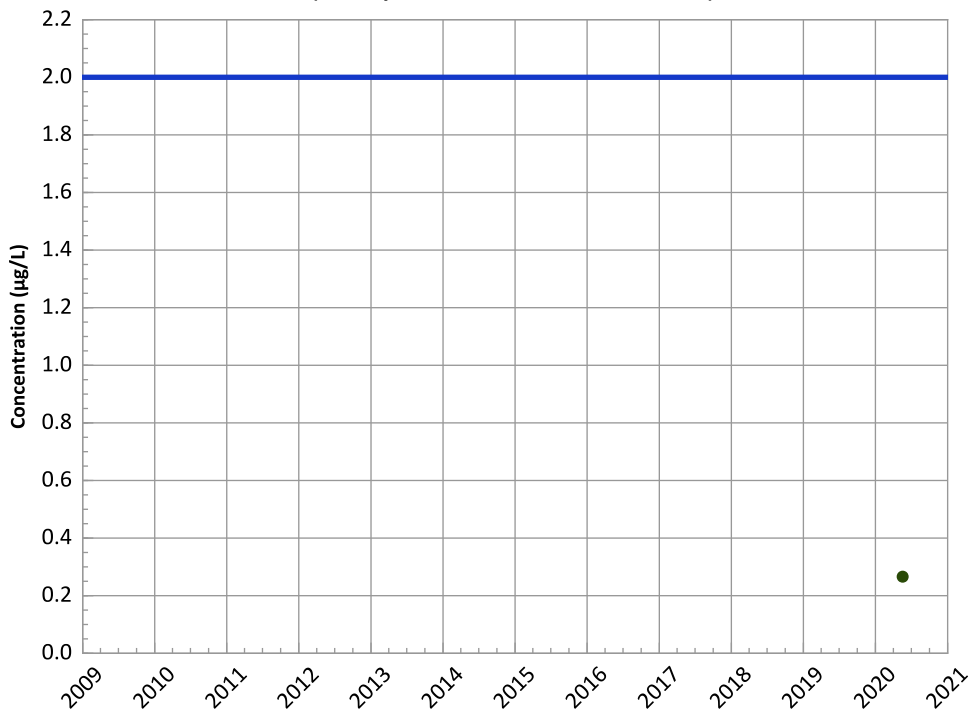
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/18/2020 to 05/18/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

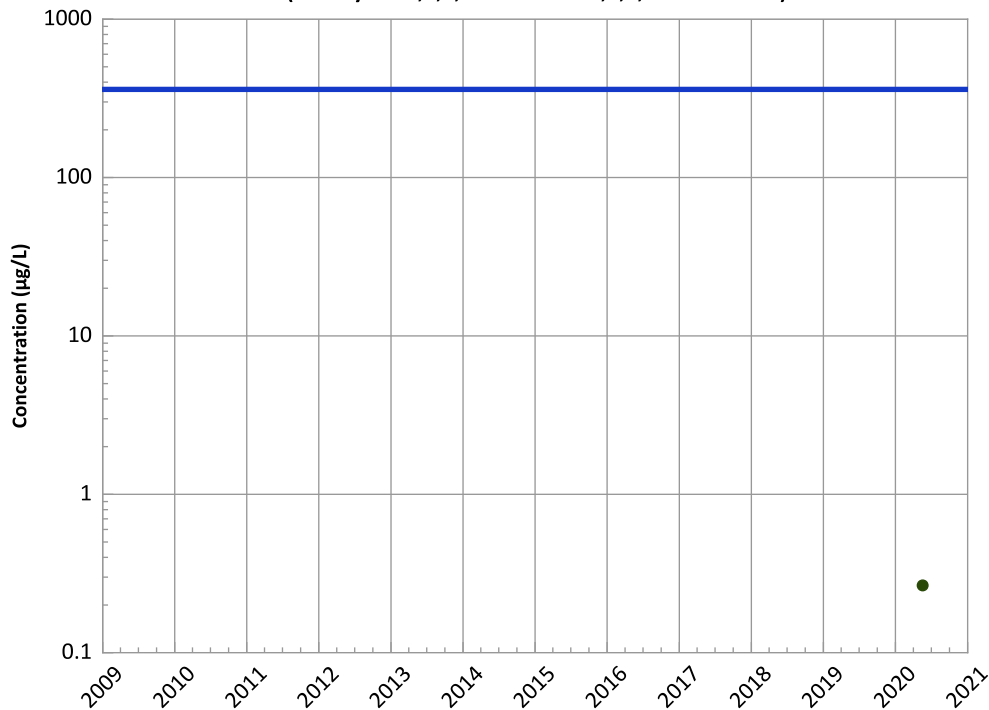


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 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 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

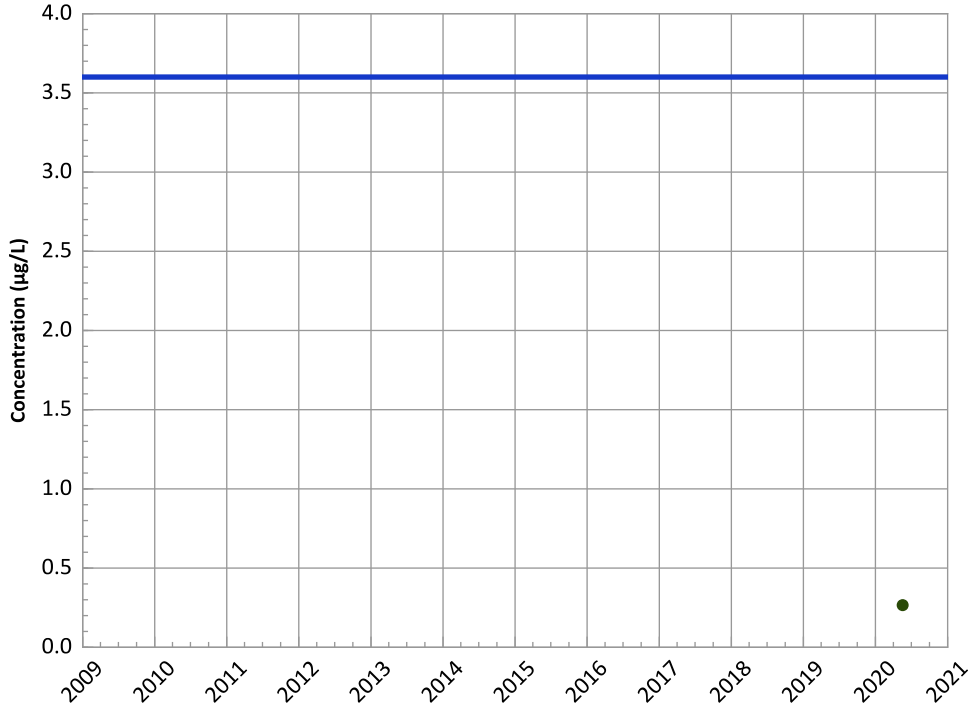


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/18/2020 to 05/18/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

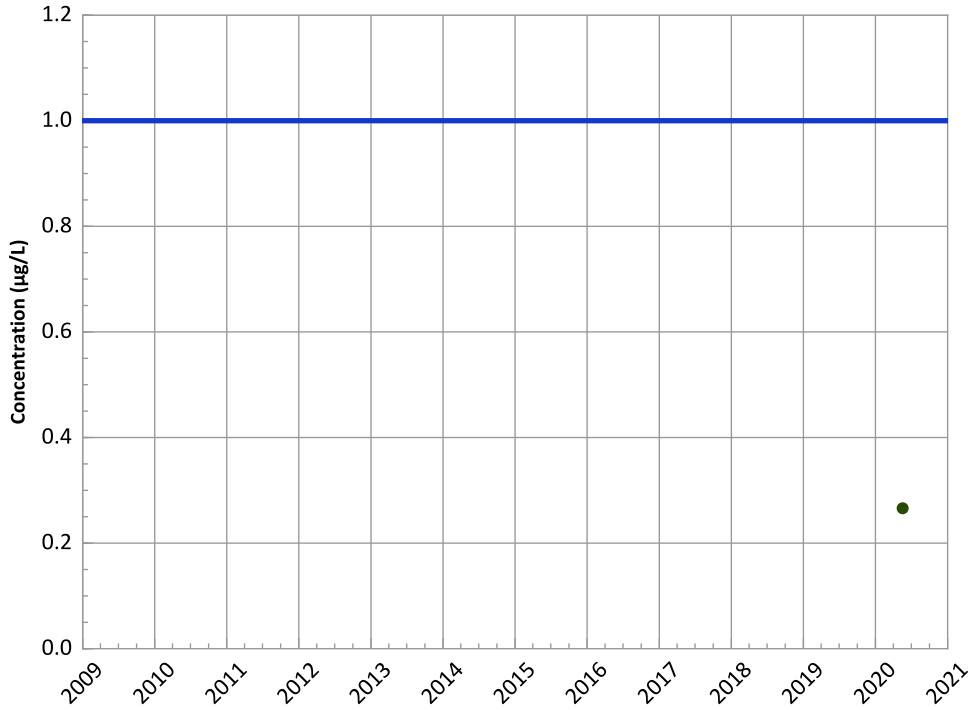


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

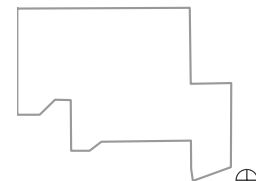


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

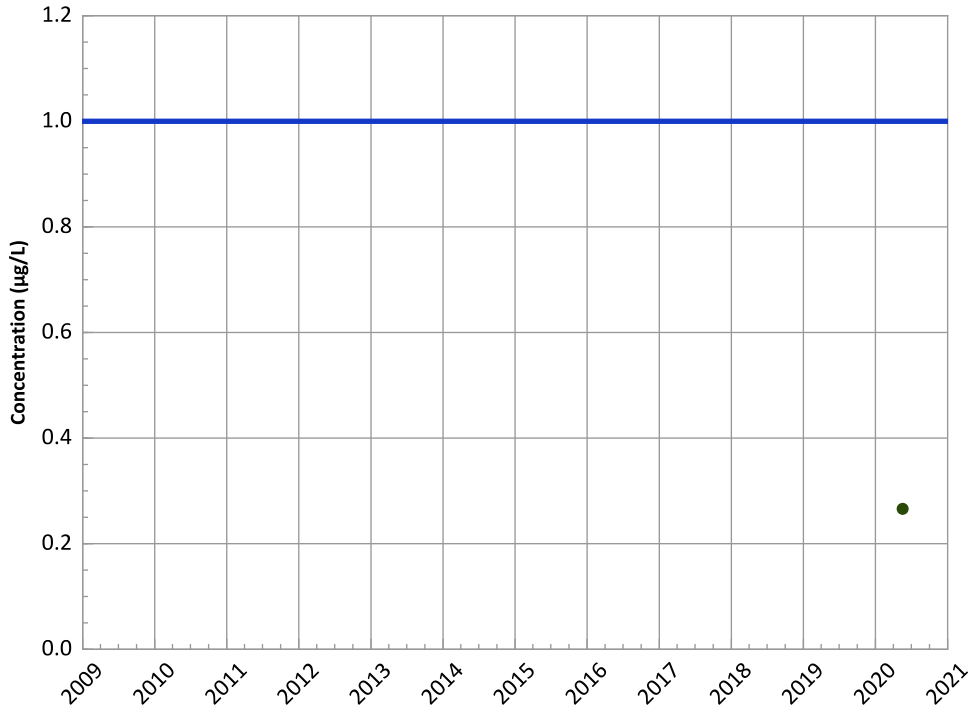


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/18/2020 to 05/18/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

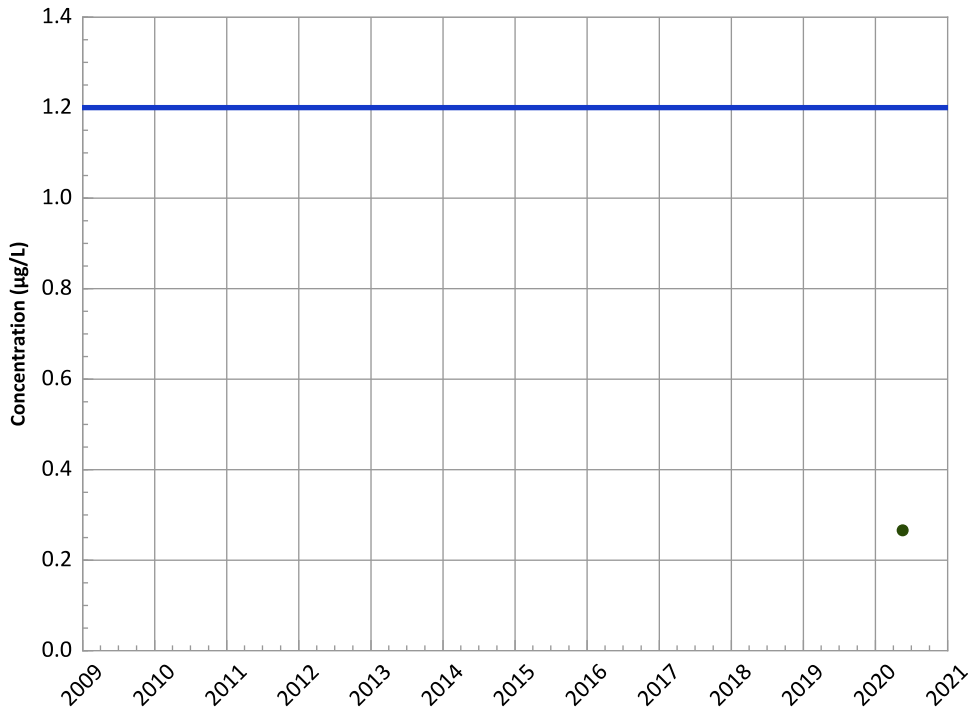


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

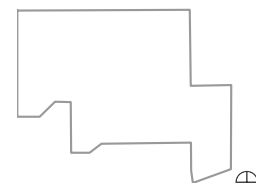


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

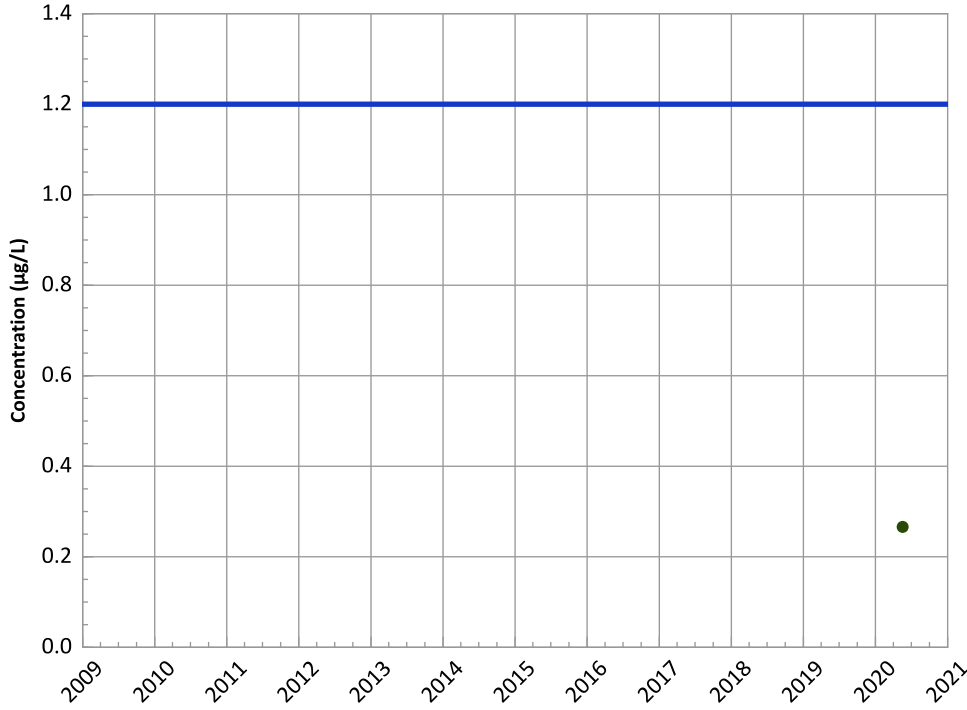


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/18/2020 to 05/18/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

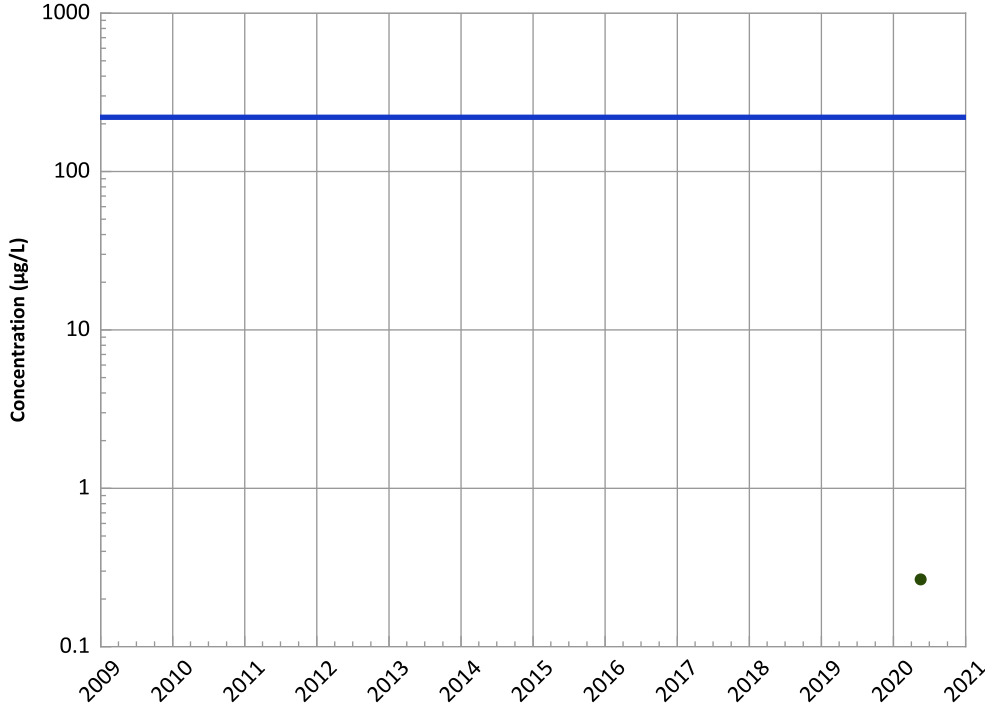
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

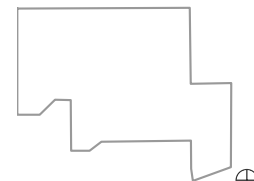
Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

Well Location

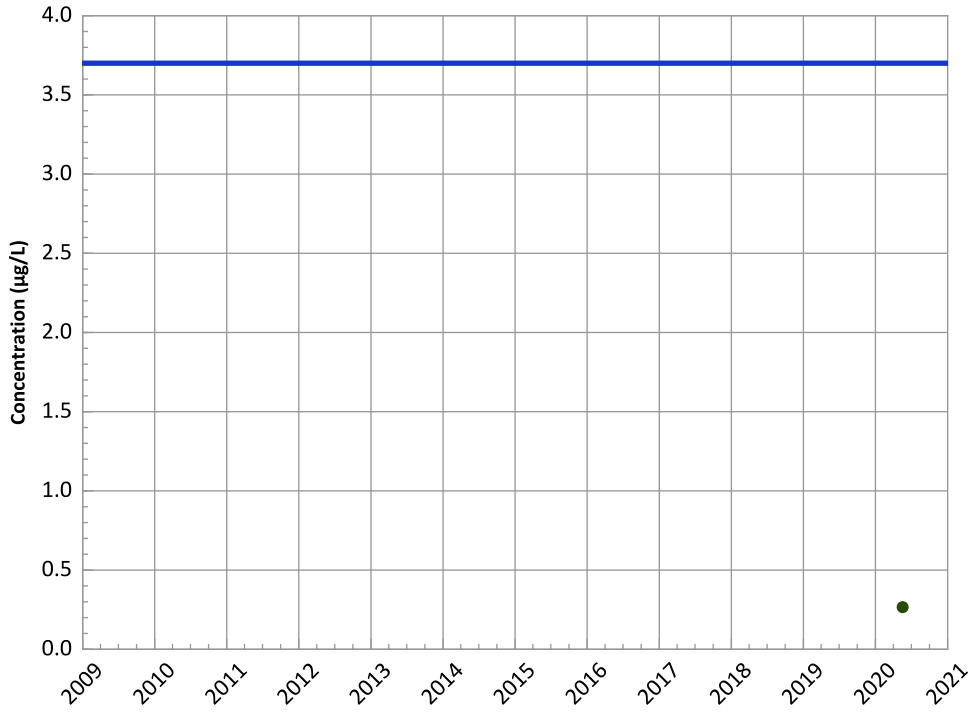


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/18/2020 to 05/18/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

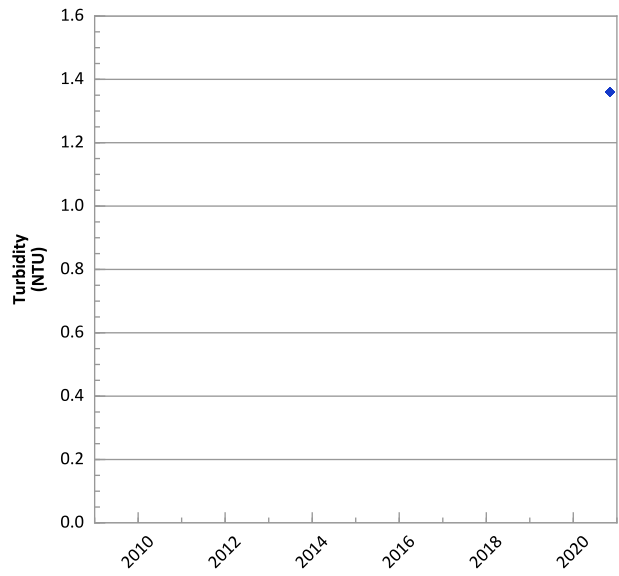
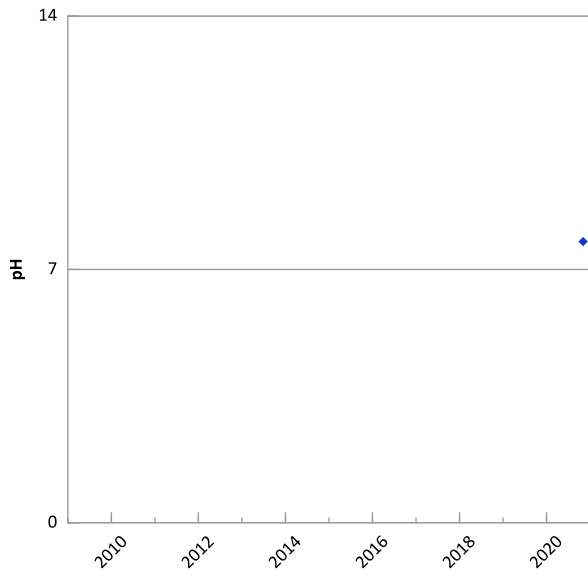
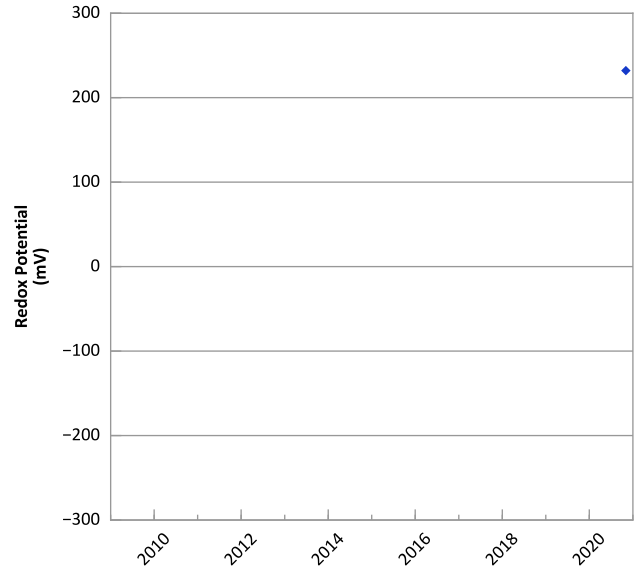
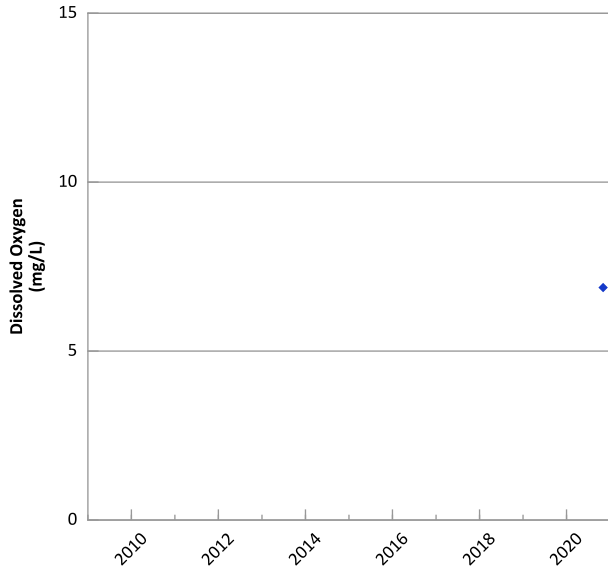
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 05/18/2020 to 05/18/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

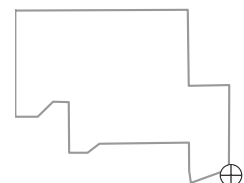


PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



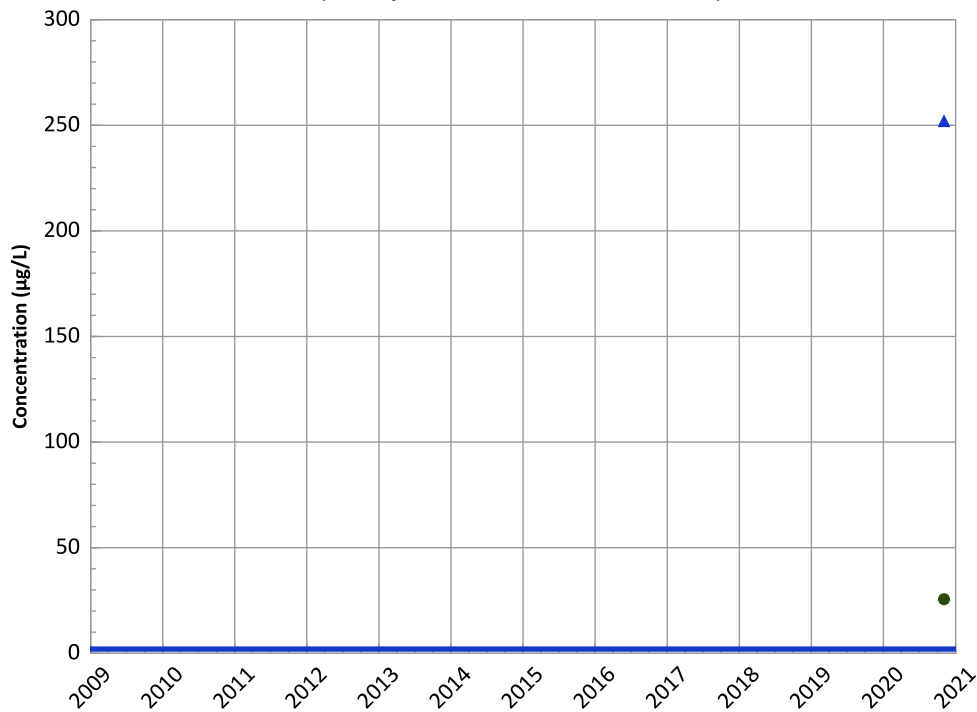
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

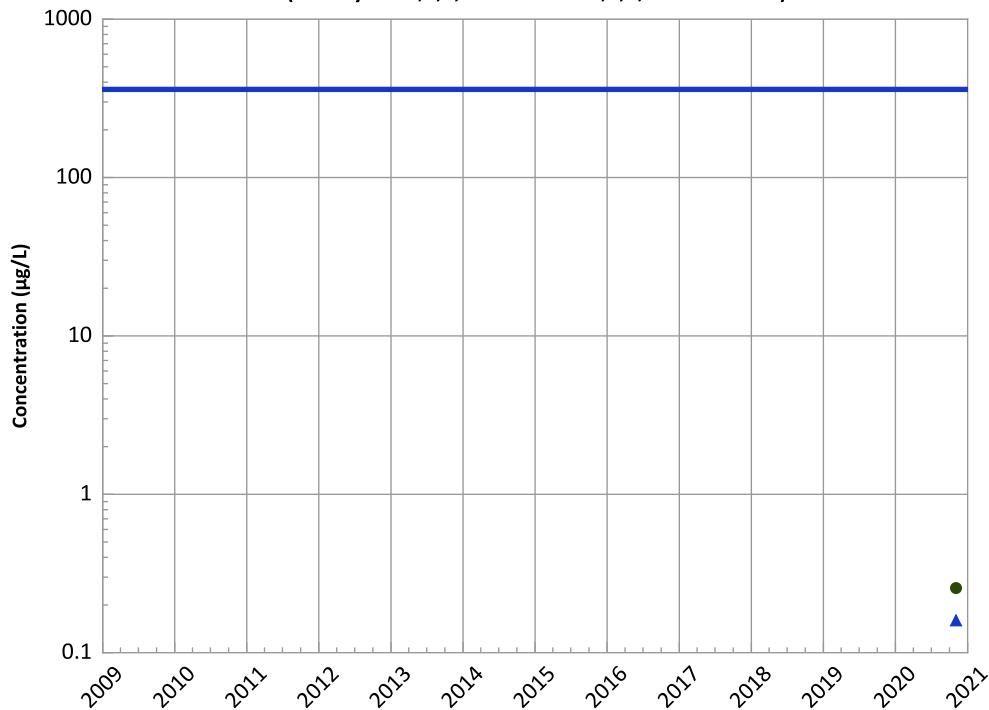


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 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 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

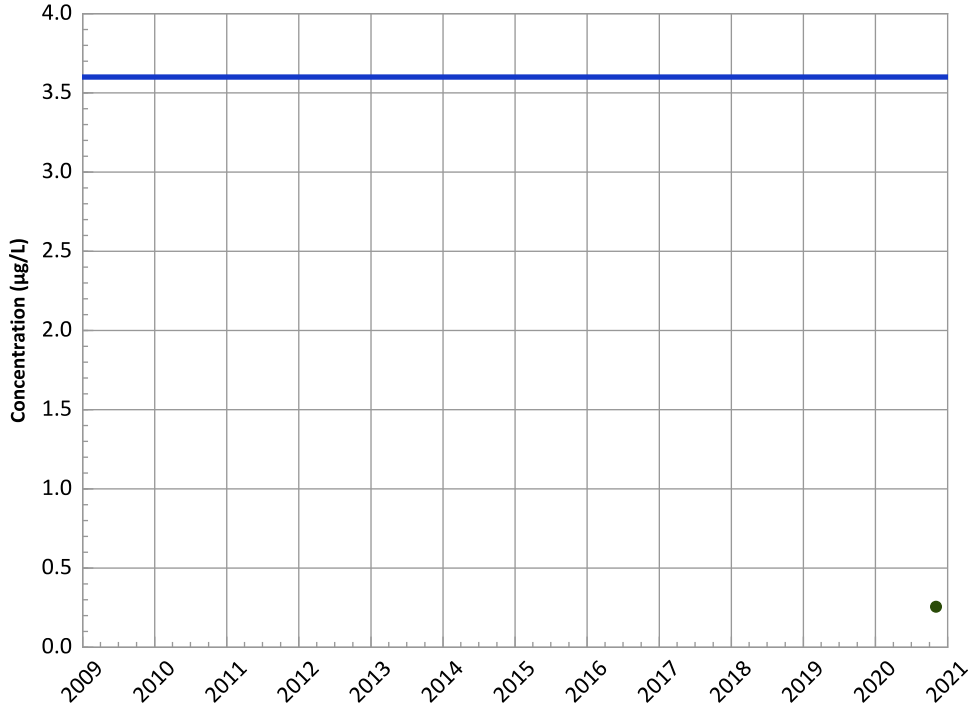


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

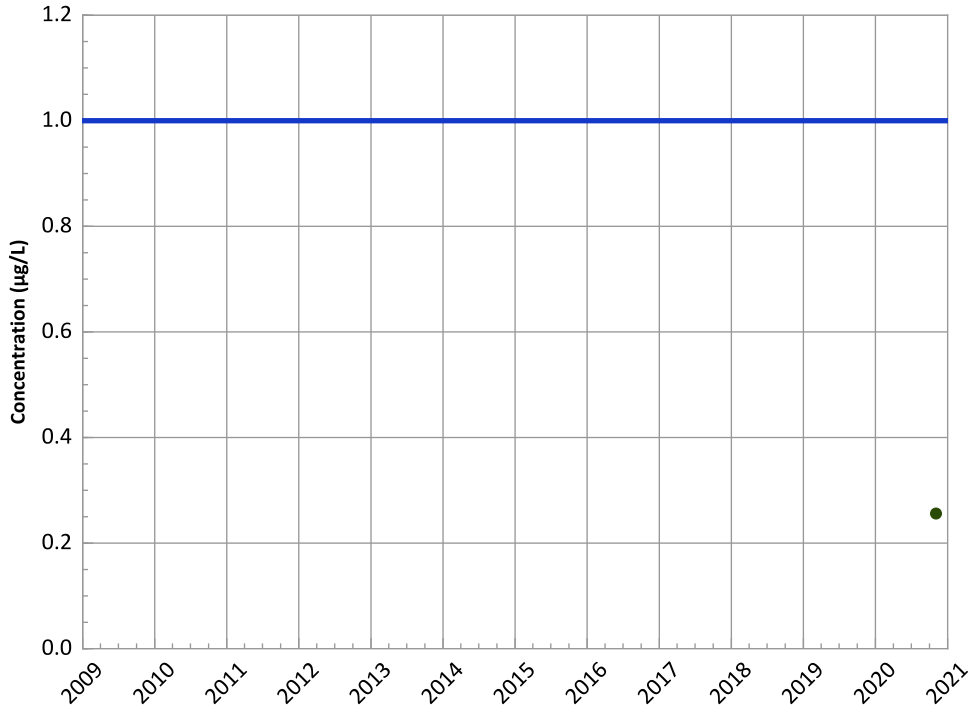


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

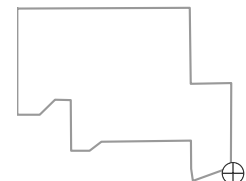


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

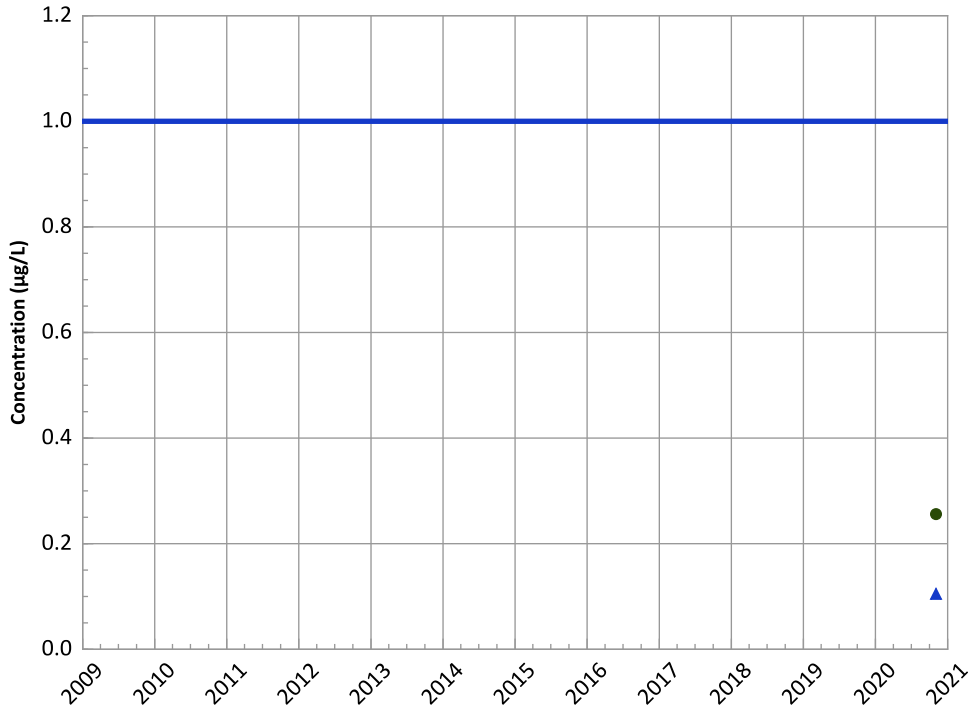


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

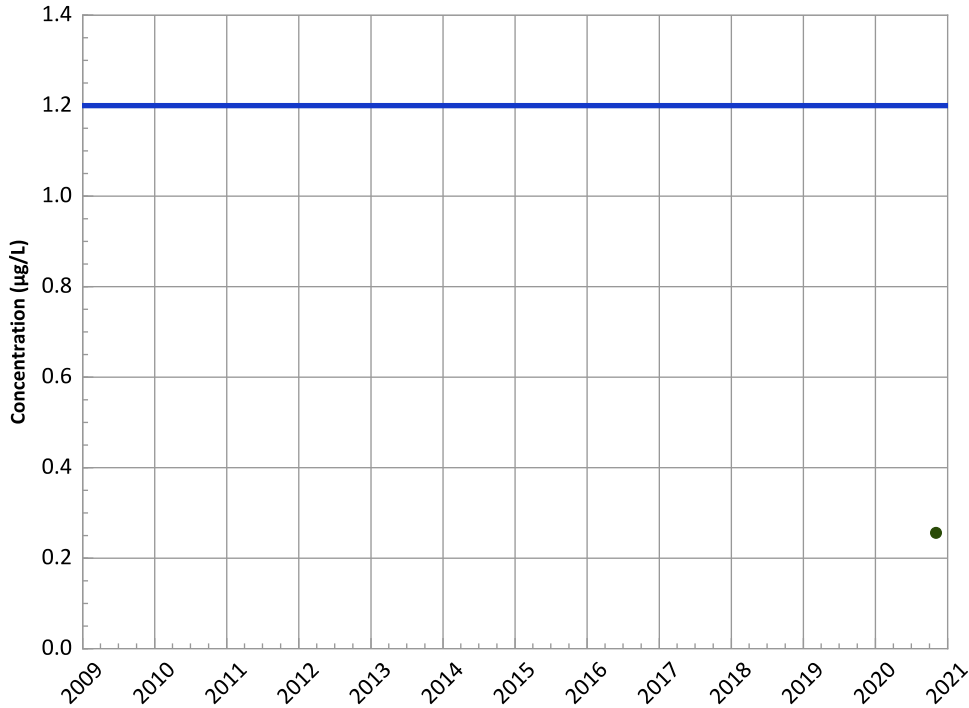


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

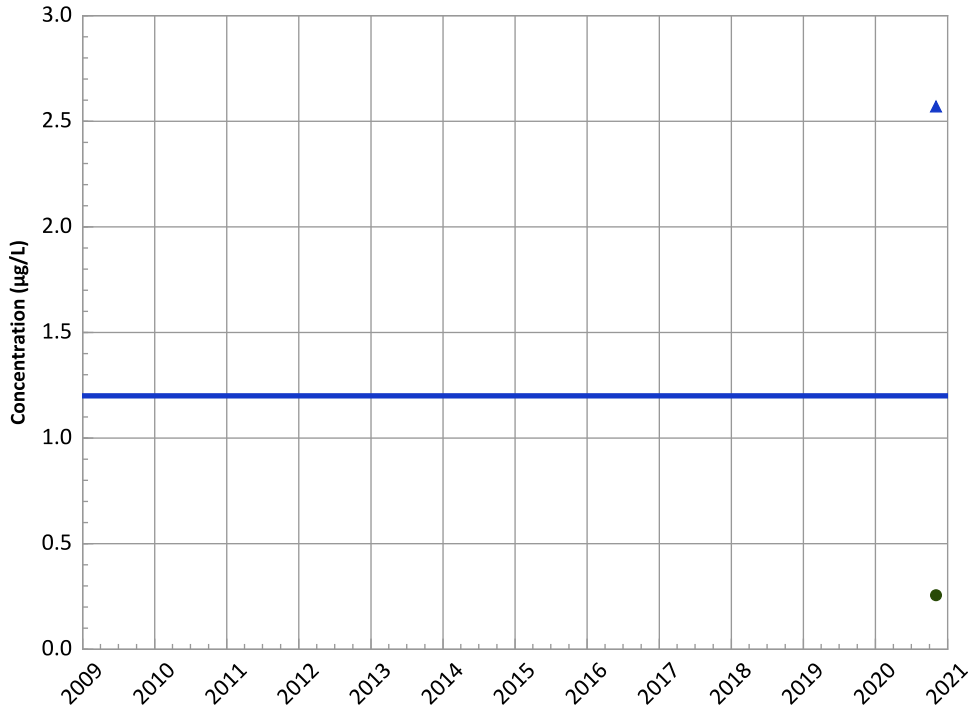


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

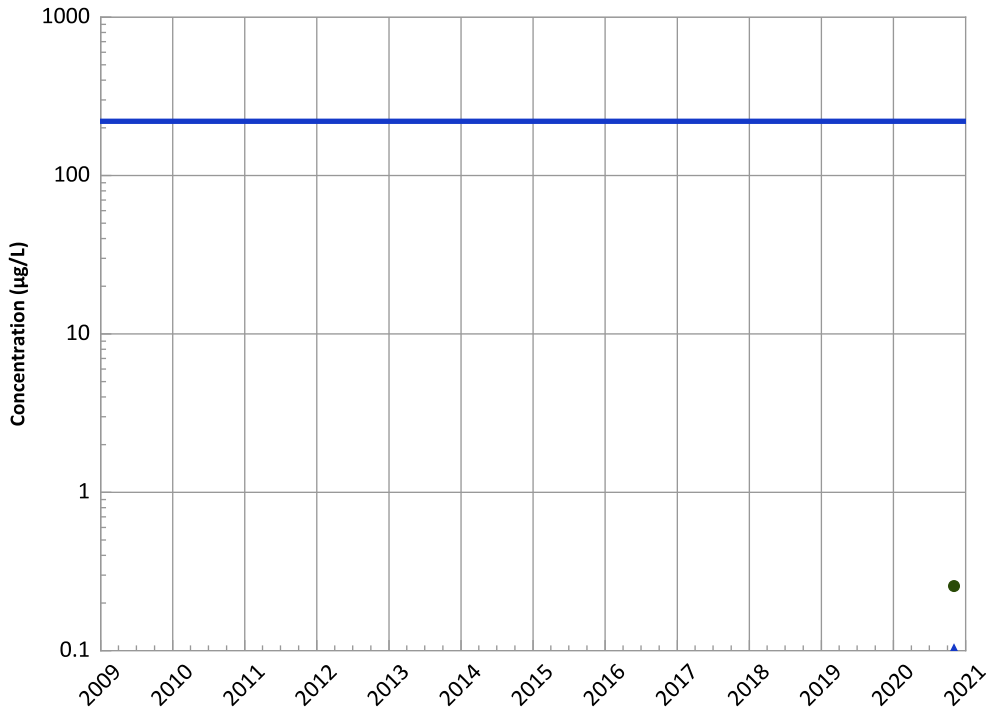


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

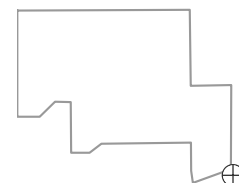


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

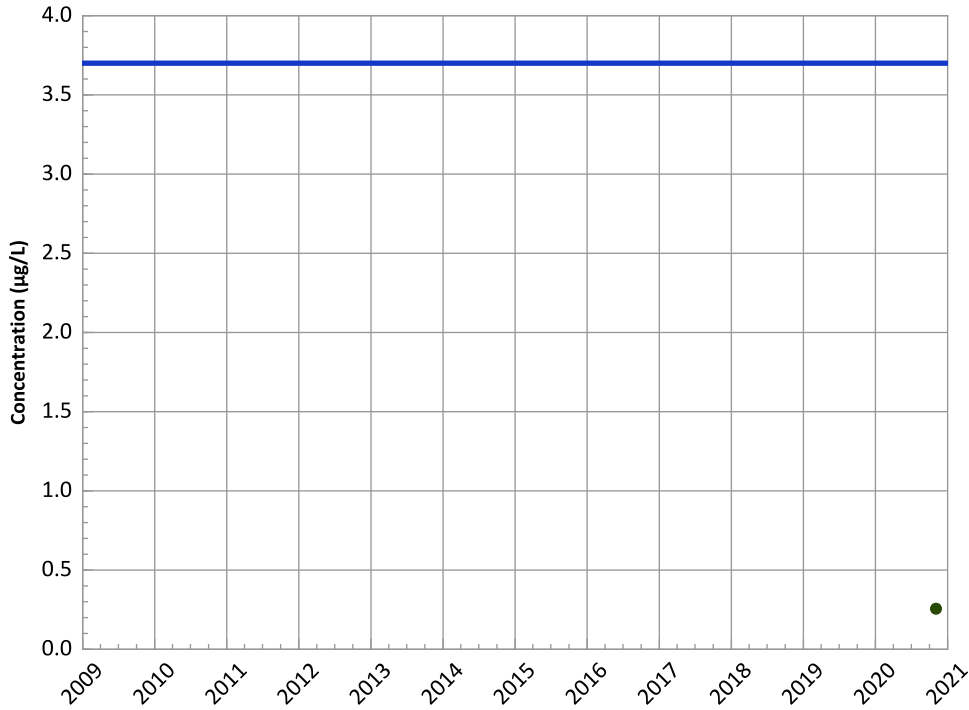


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

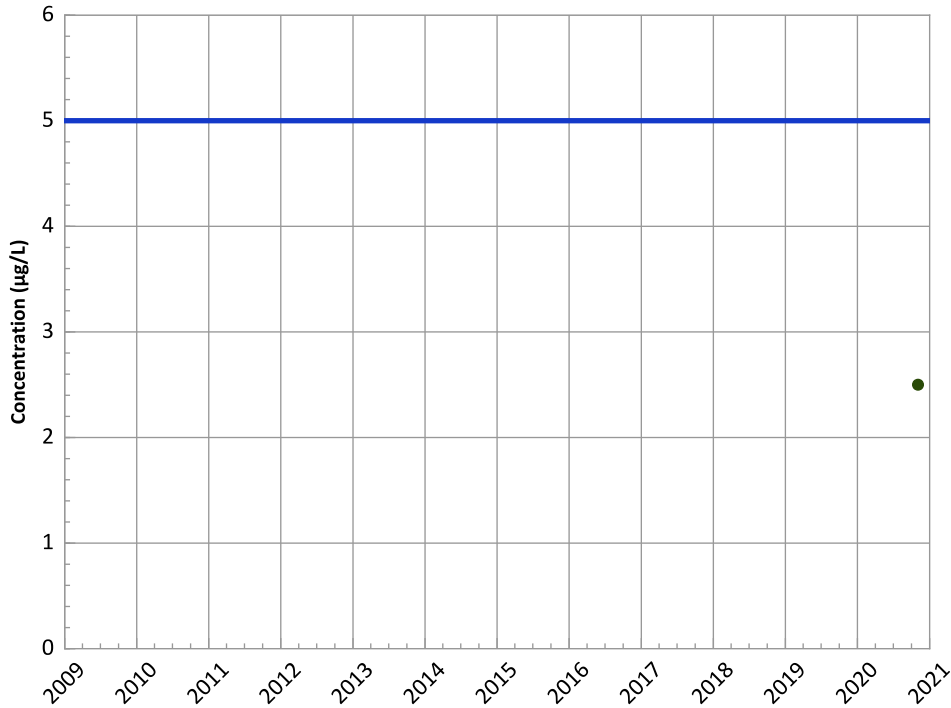


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

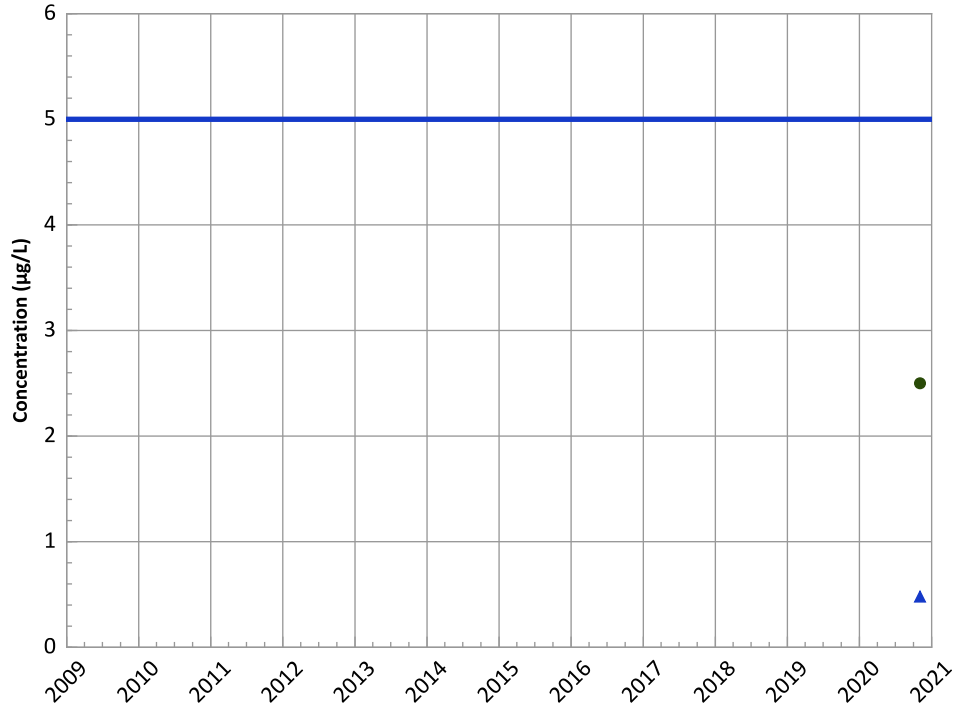


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

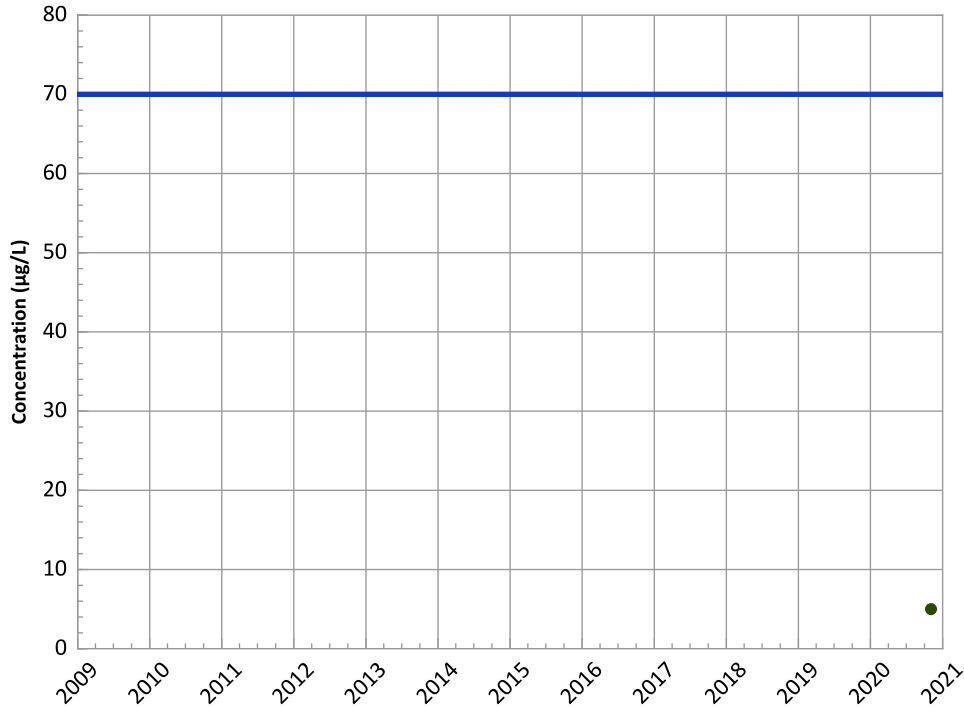


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

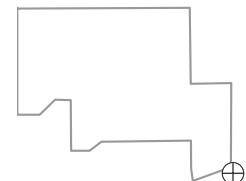


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

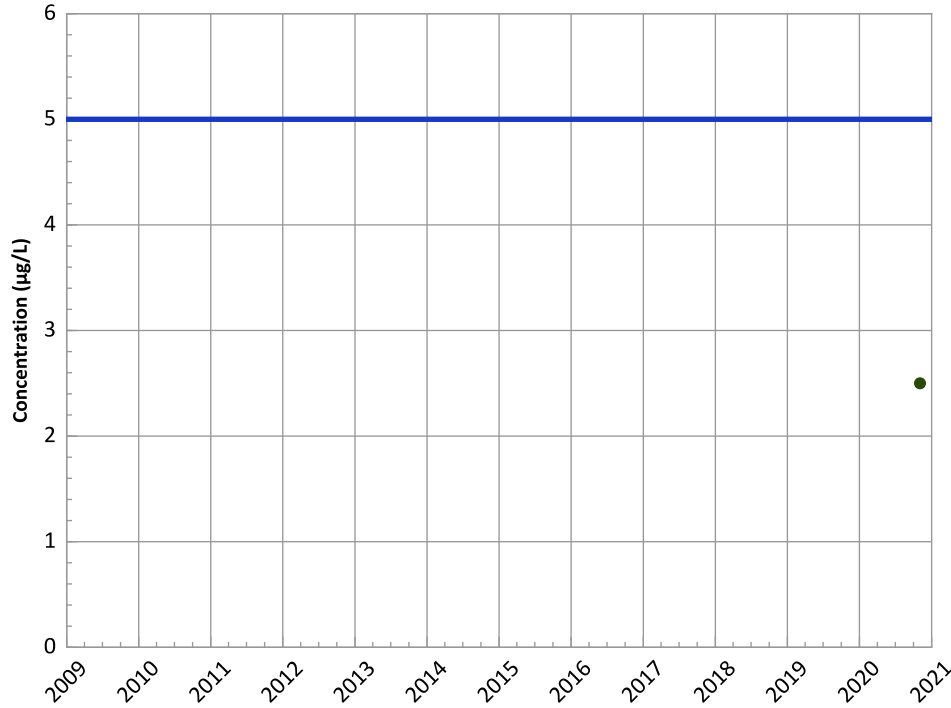


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

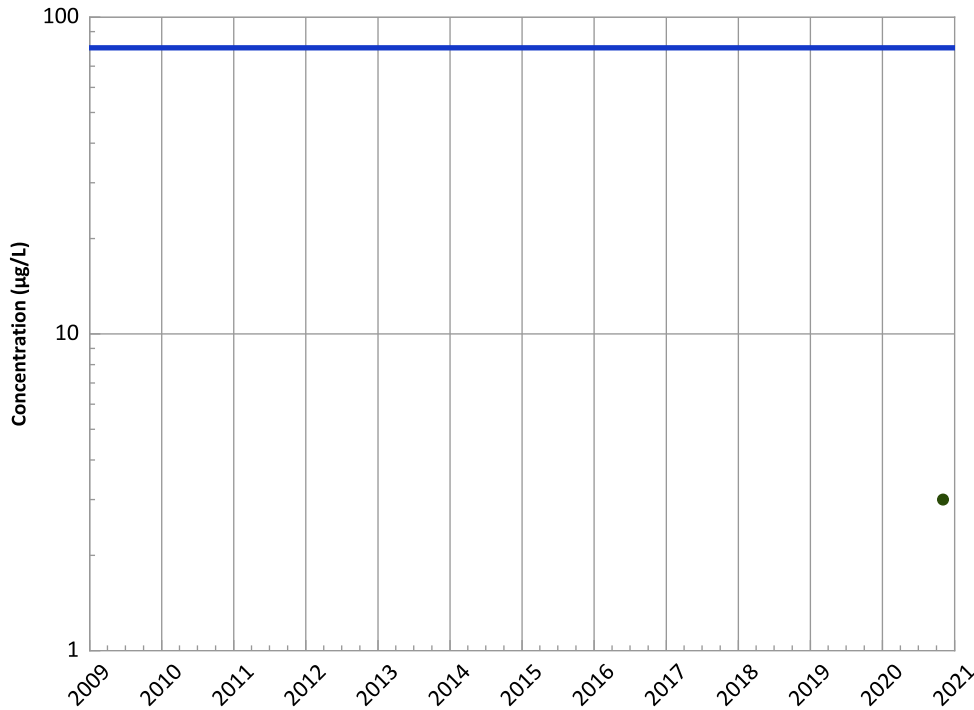


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend

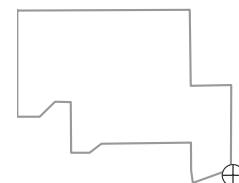


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

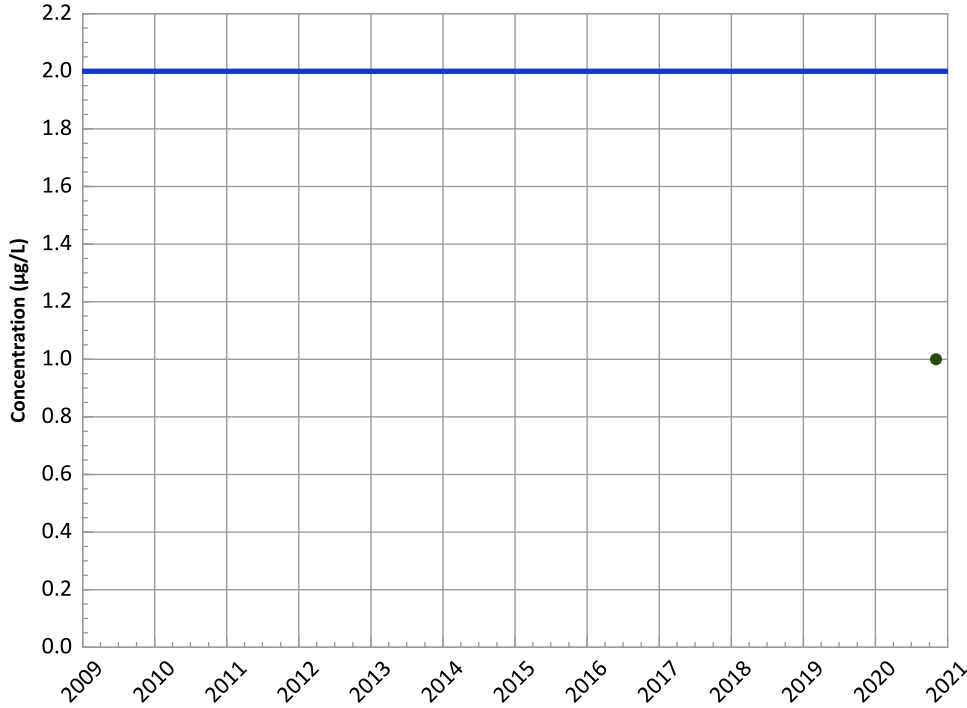
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

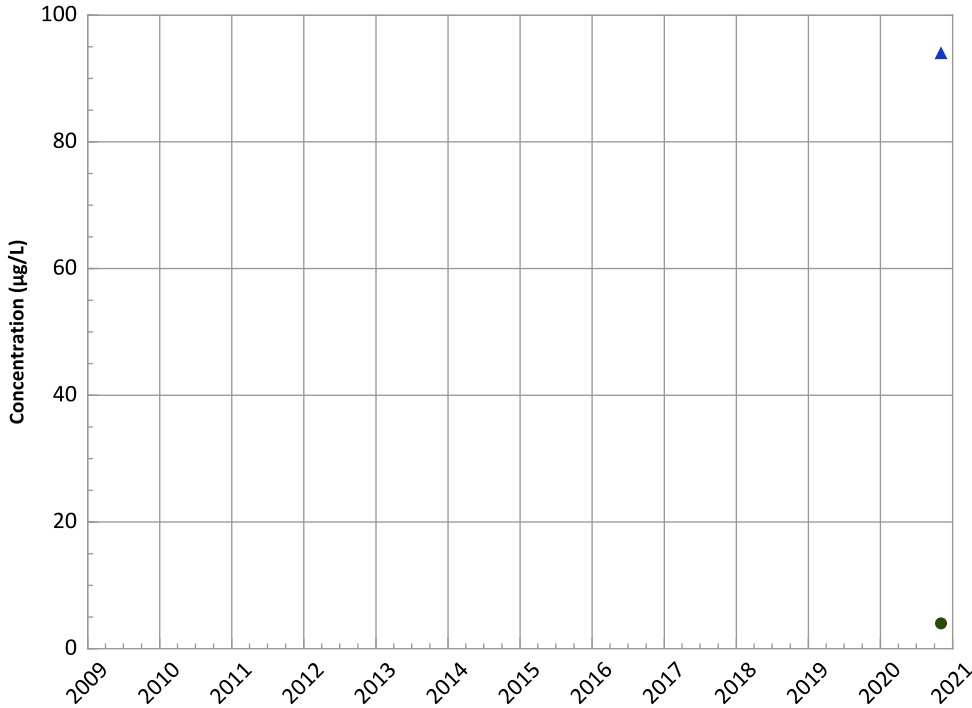


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Manganese Trend

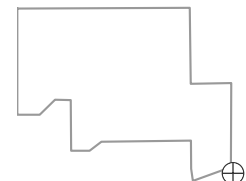


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

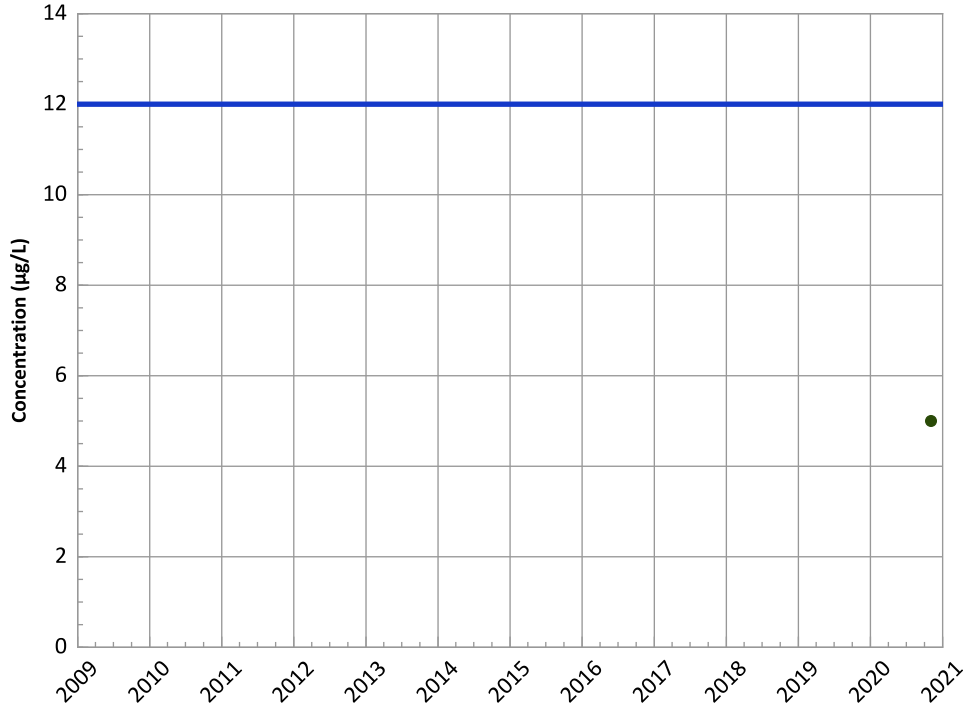


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

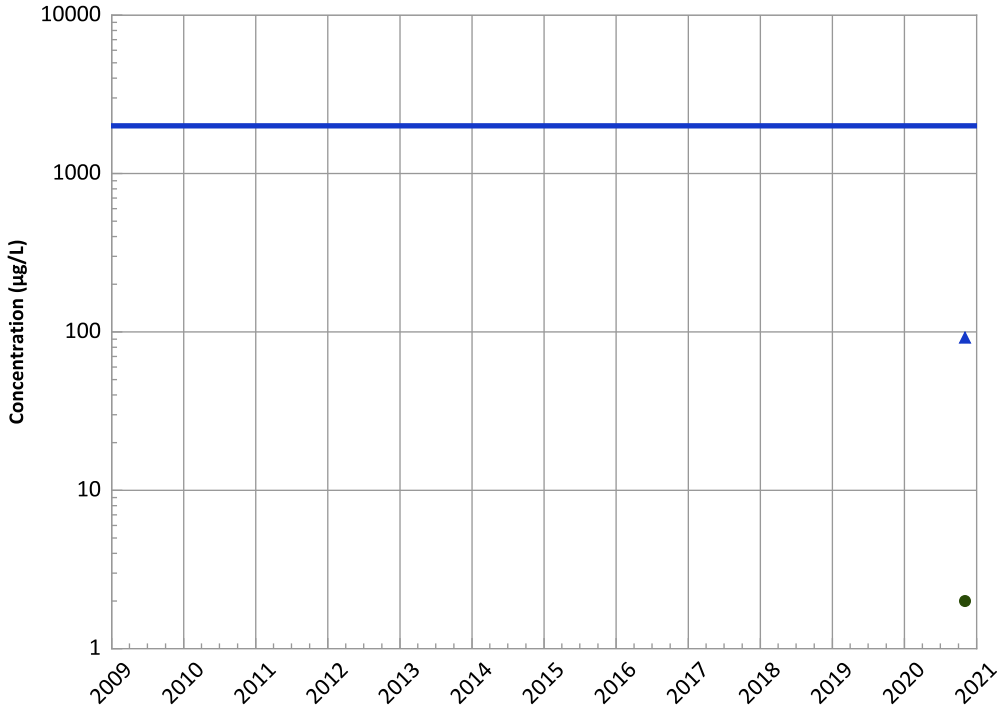


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Barium Trend

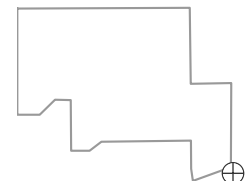


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

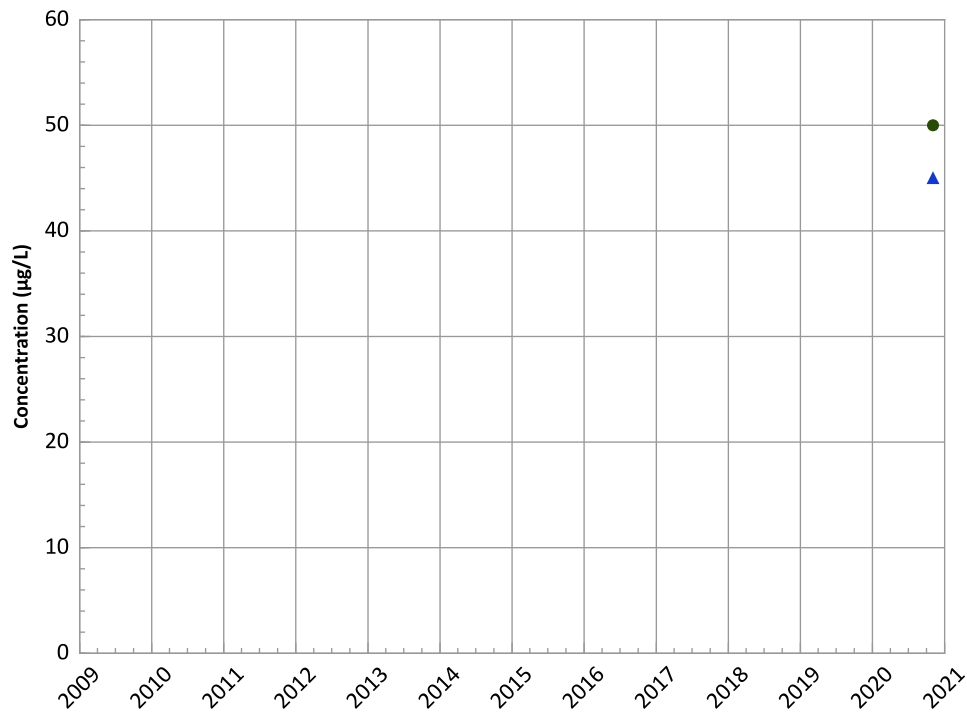


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

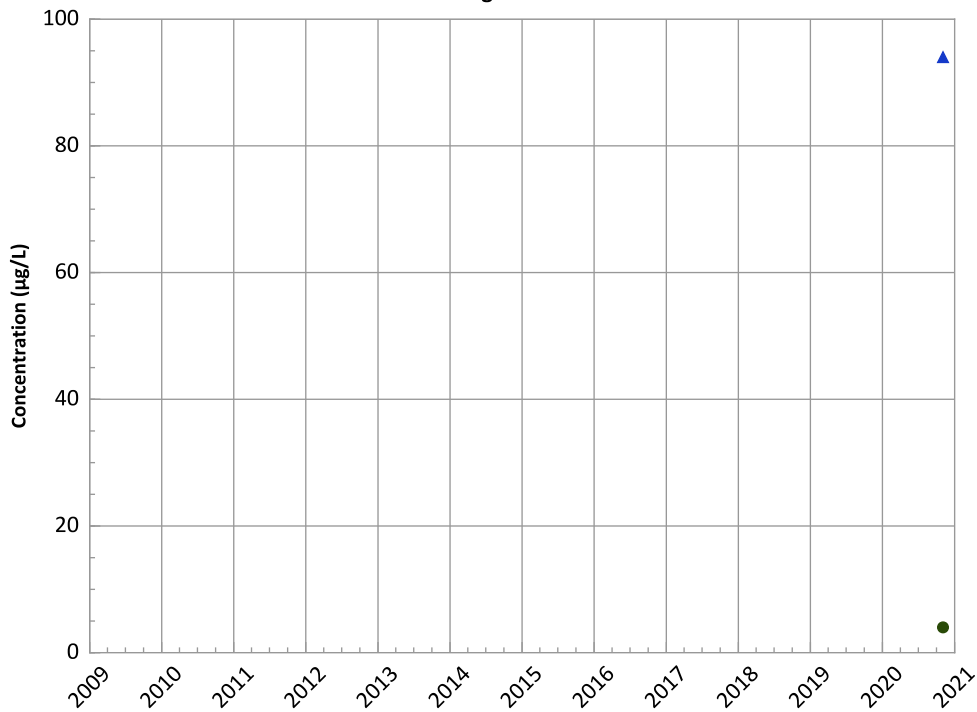


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Manganese Trend

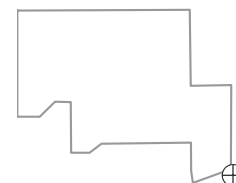


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

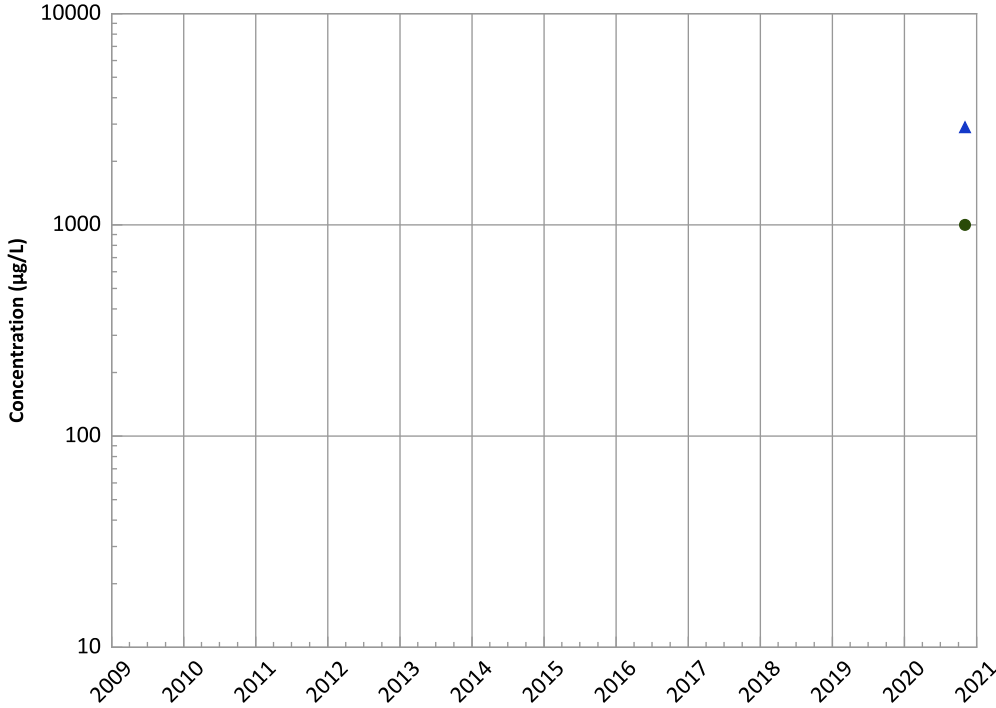


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

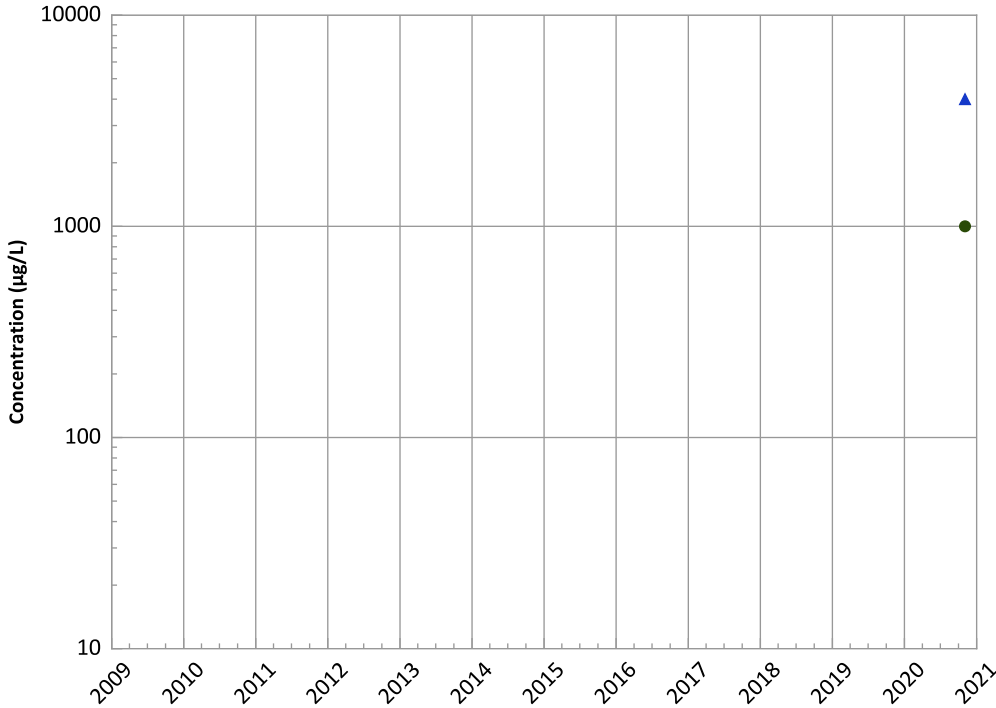


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend

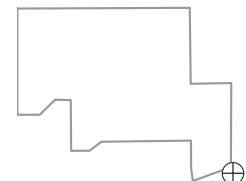


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

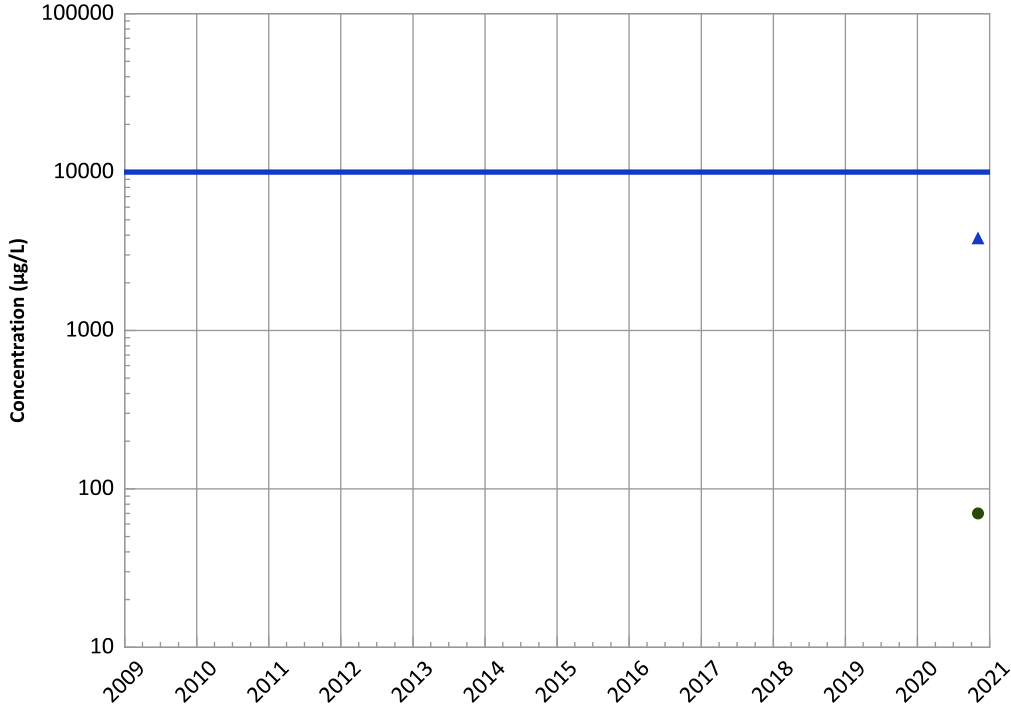


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

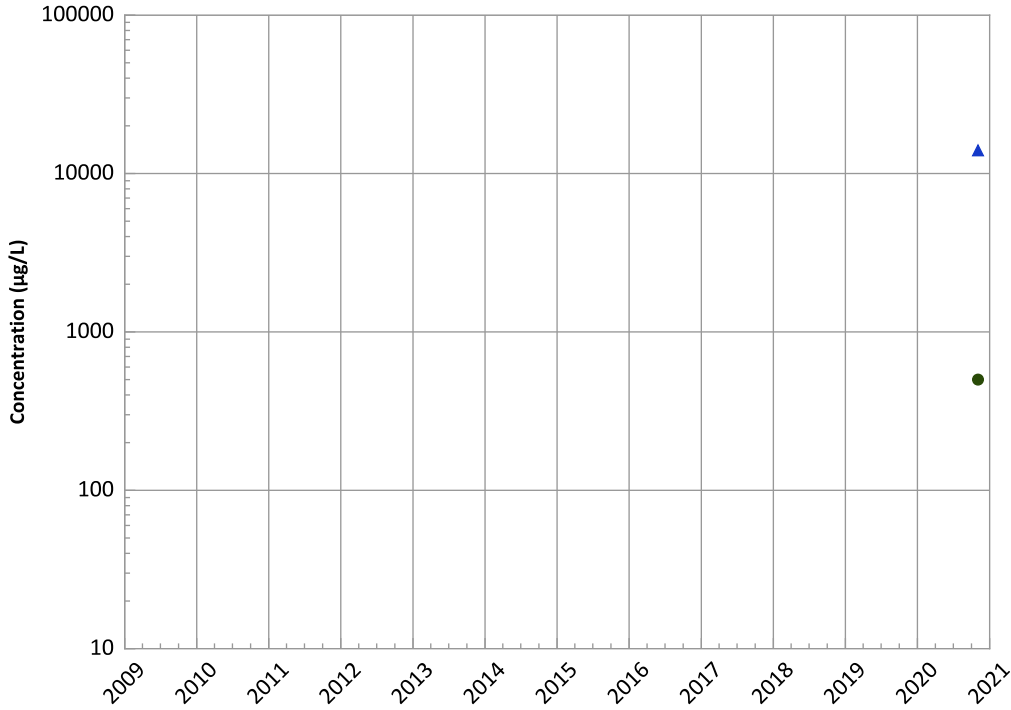


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

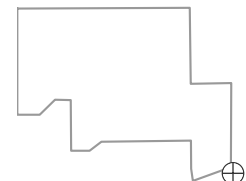


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

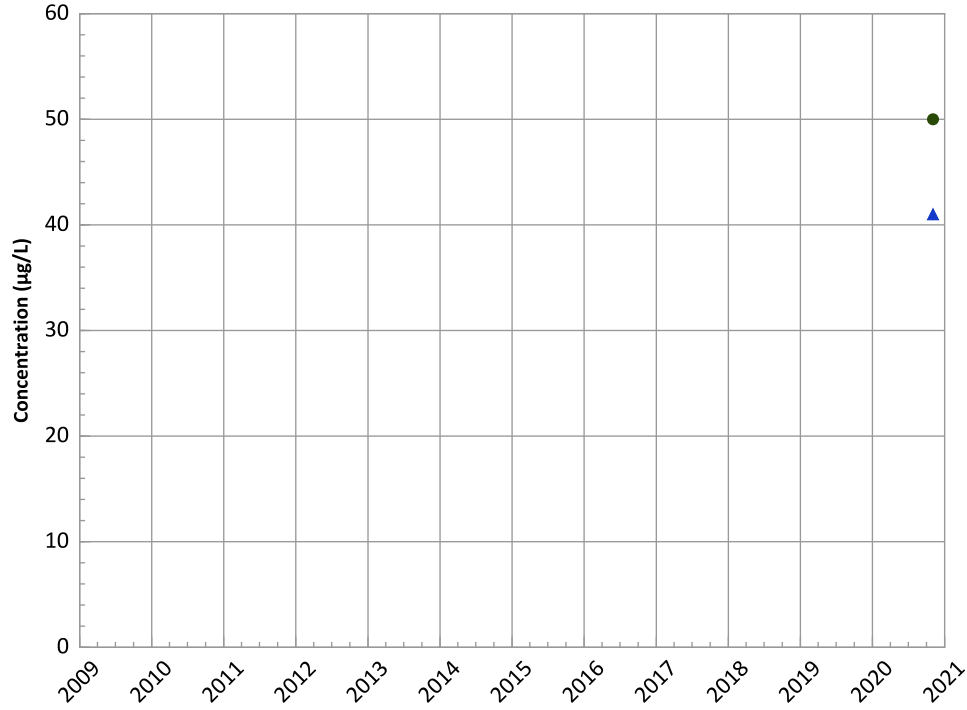


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

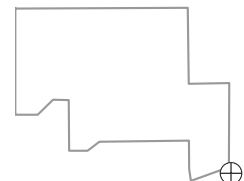
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

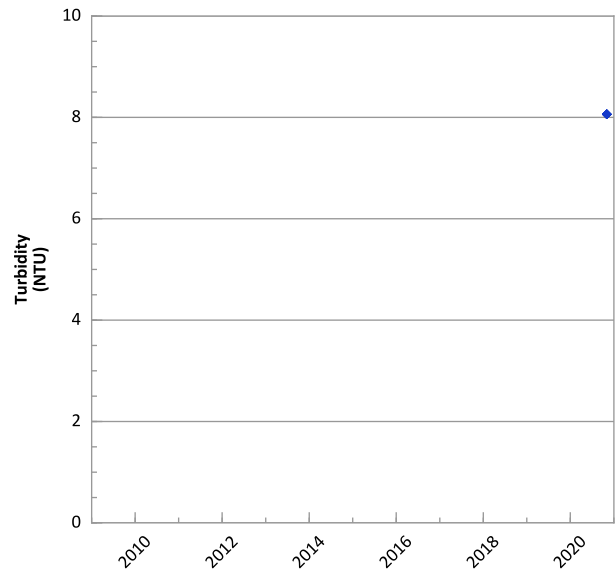
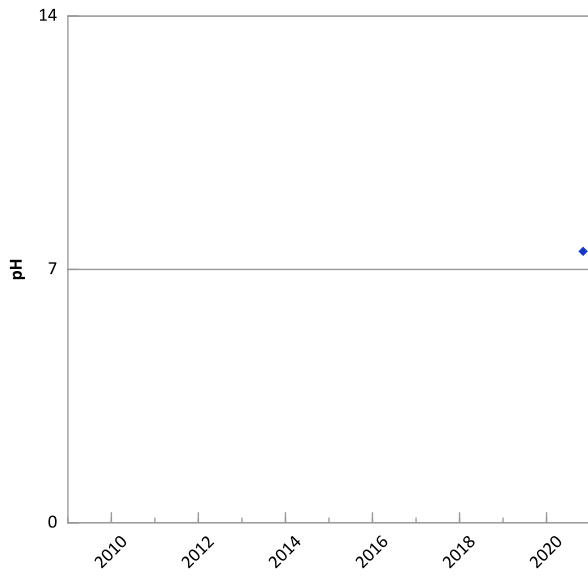
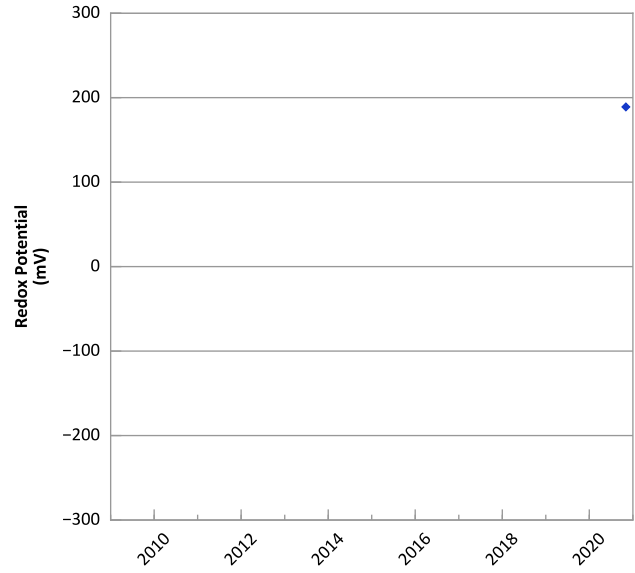
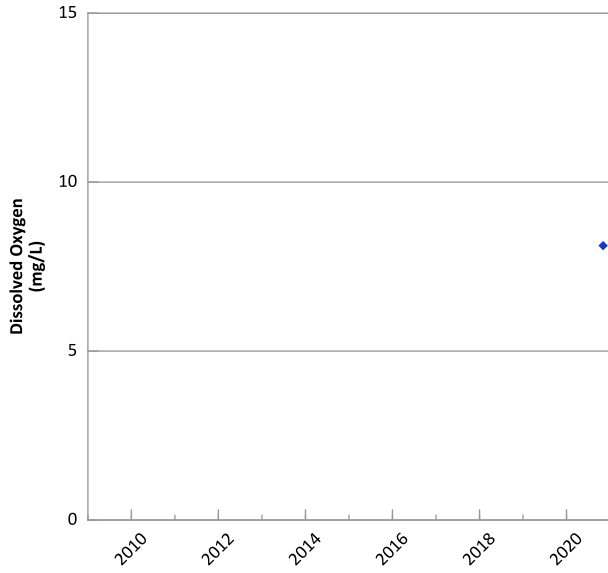
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

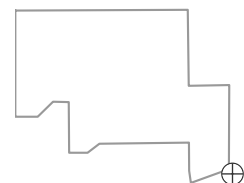


PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



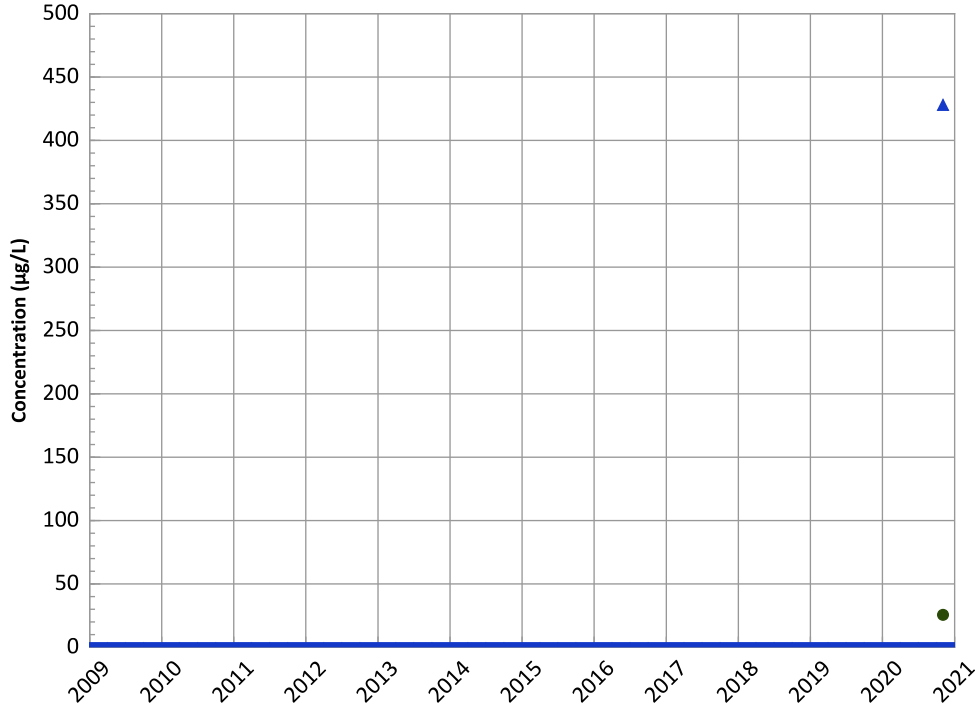
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

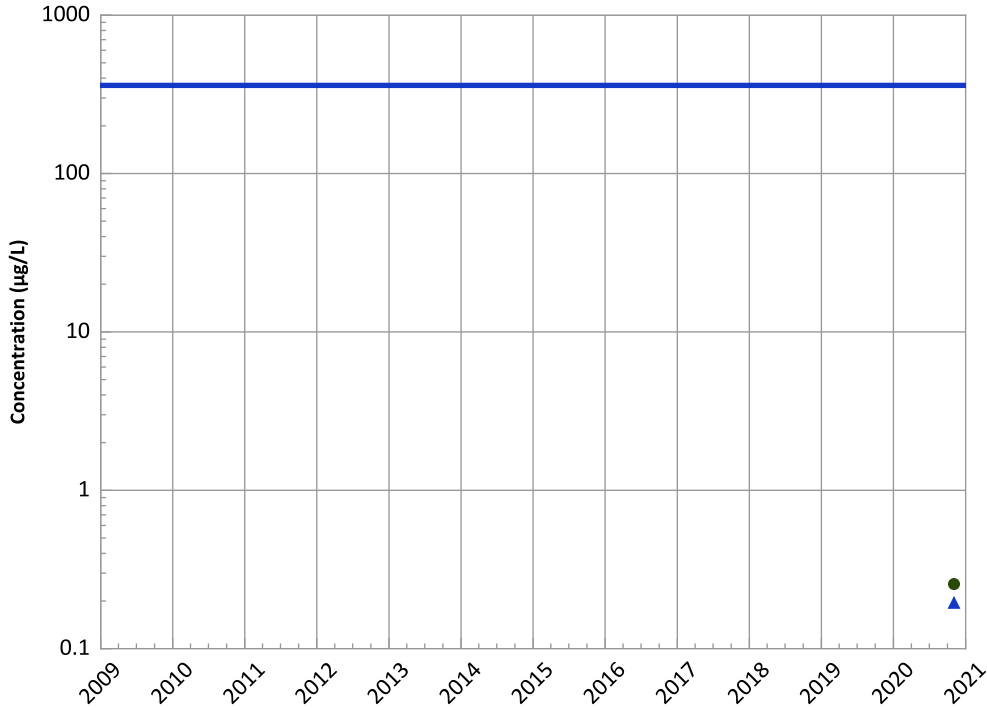


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

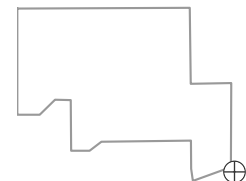


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

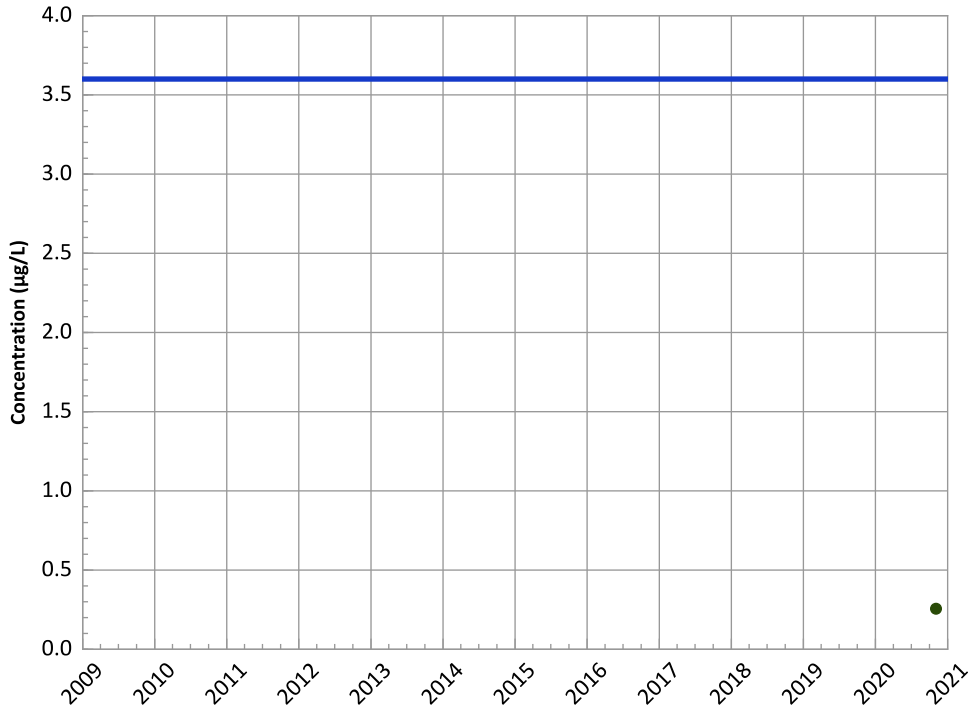


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

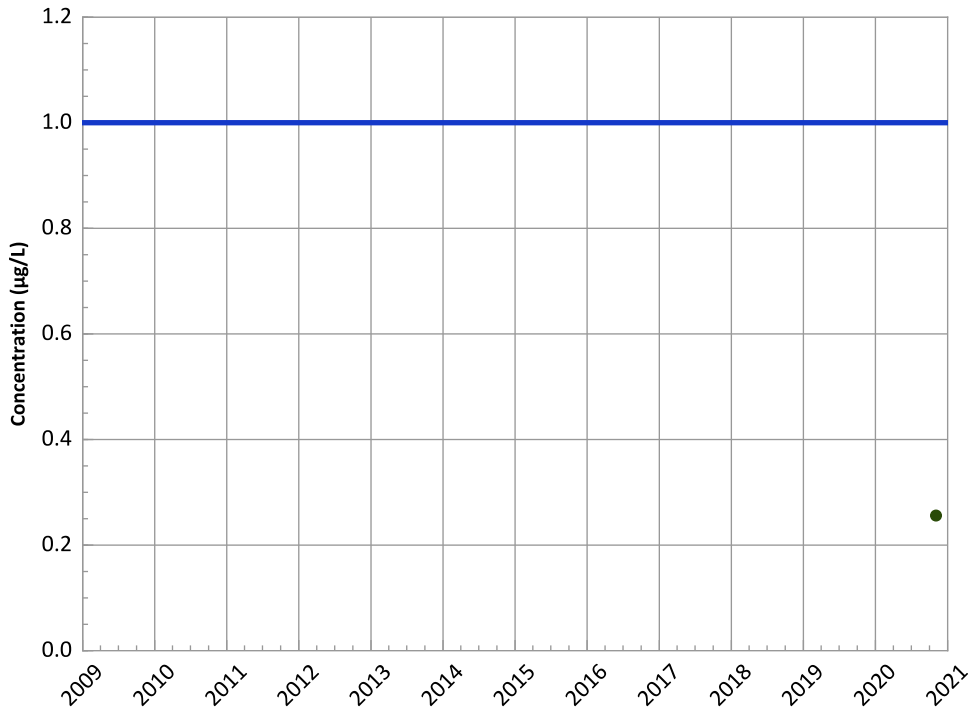


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

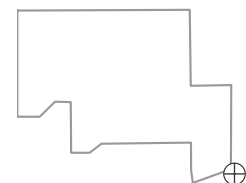


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

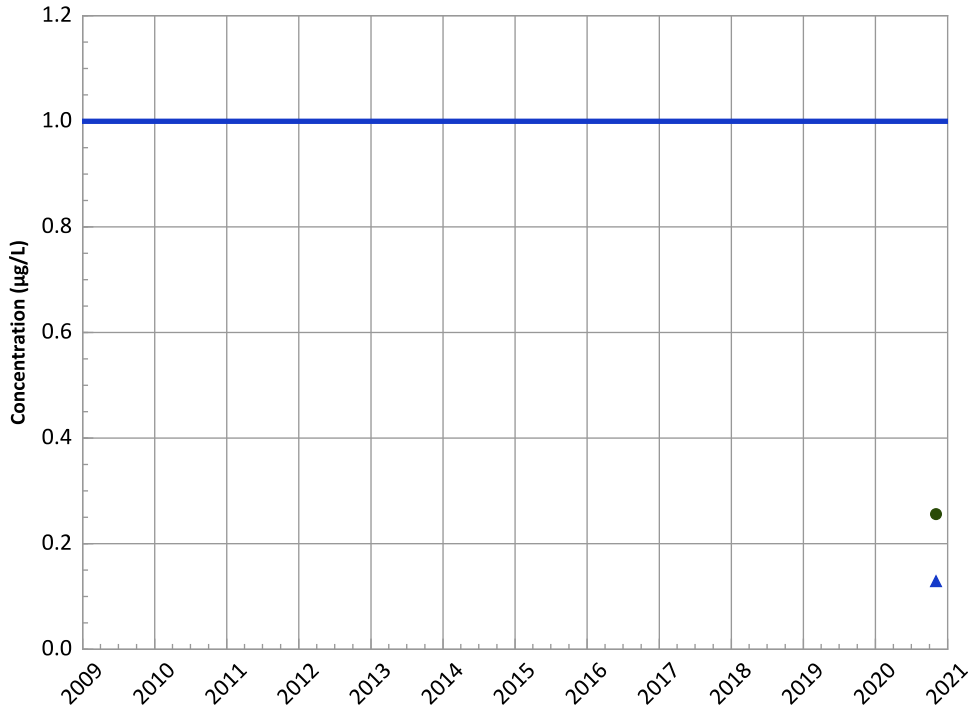


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

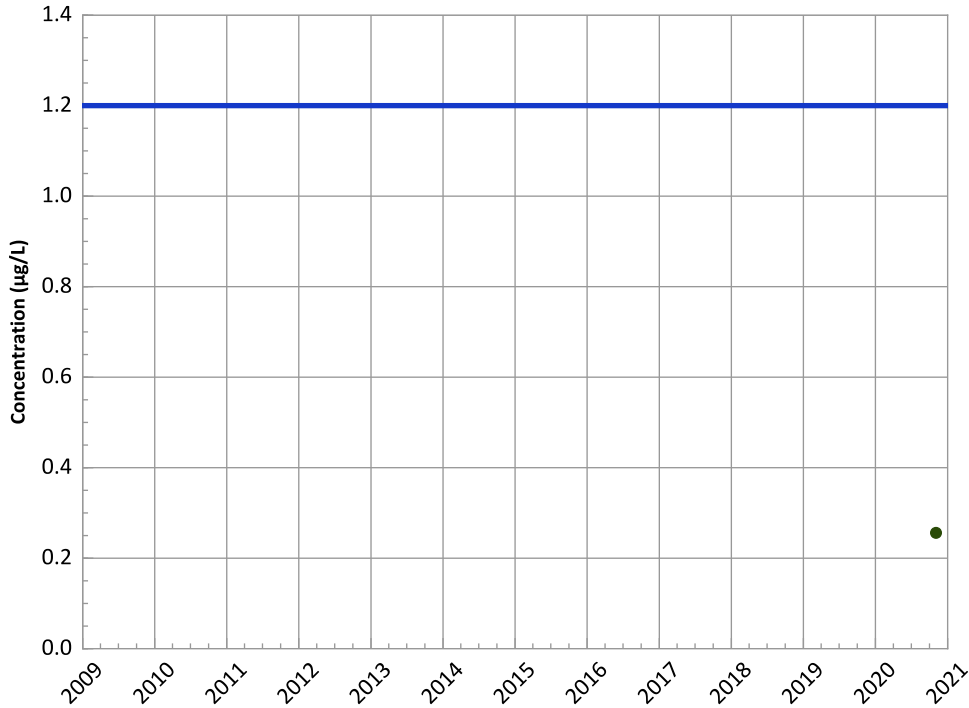


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend

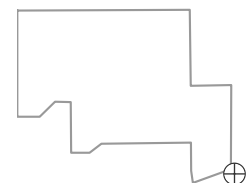


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

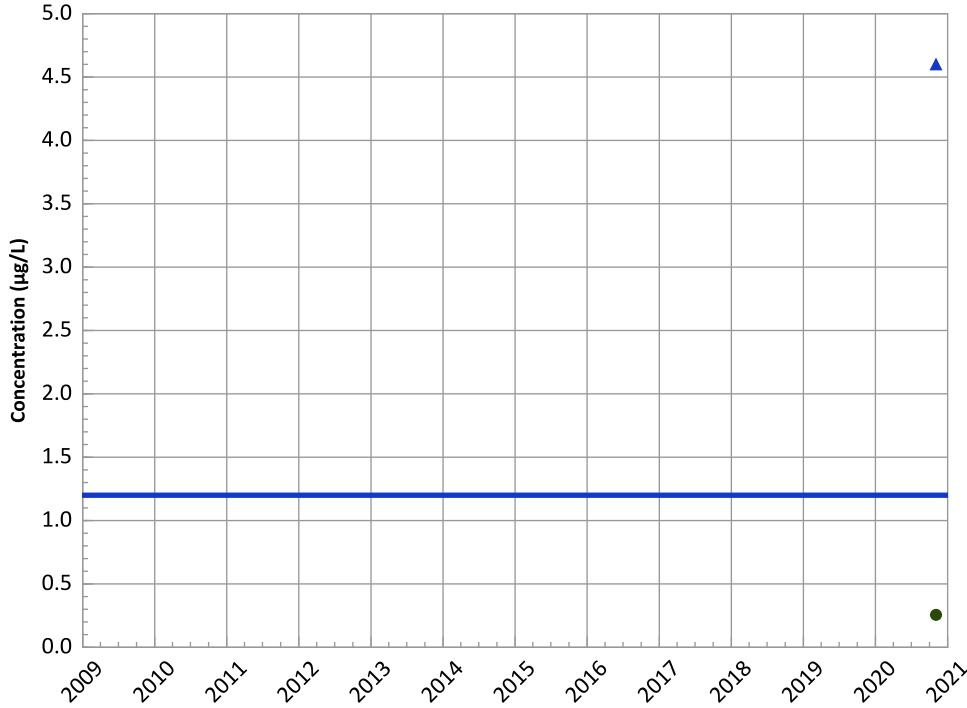


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

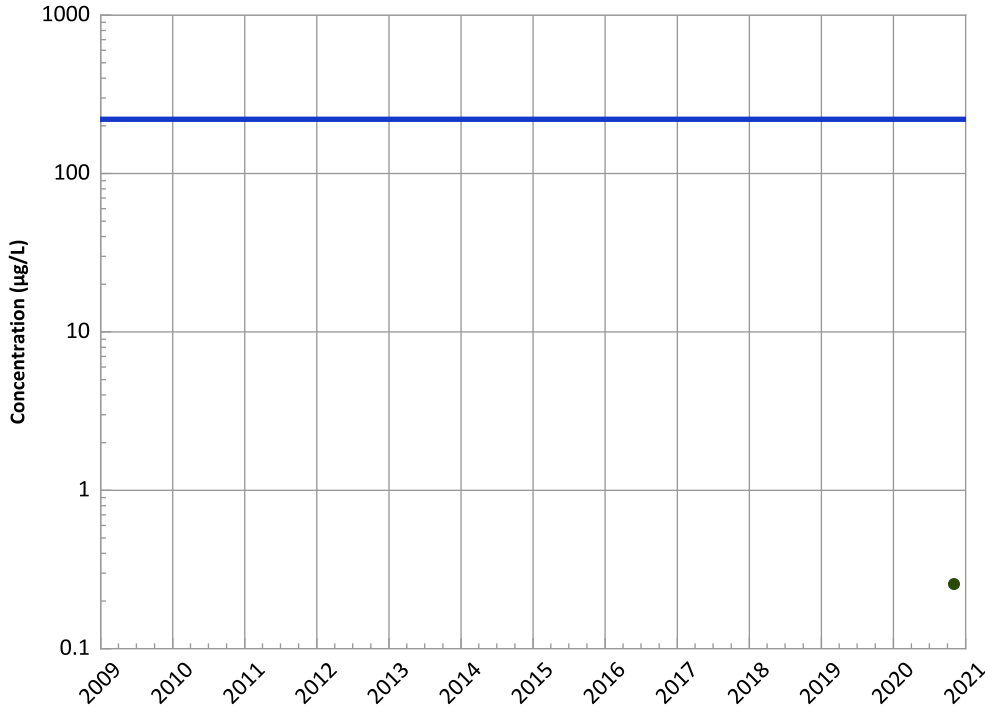


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

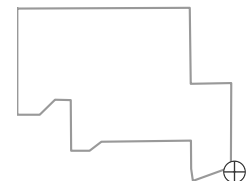


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

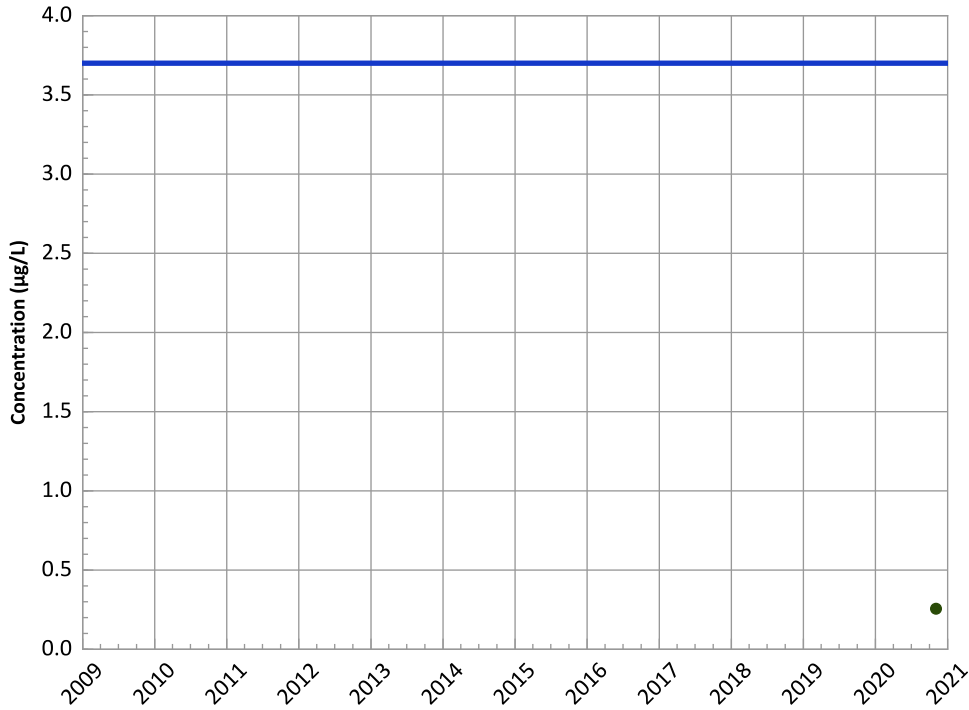


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

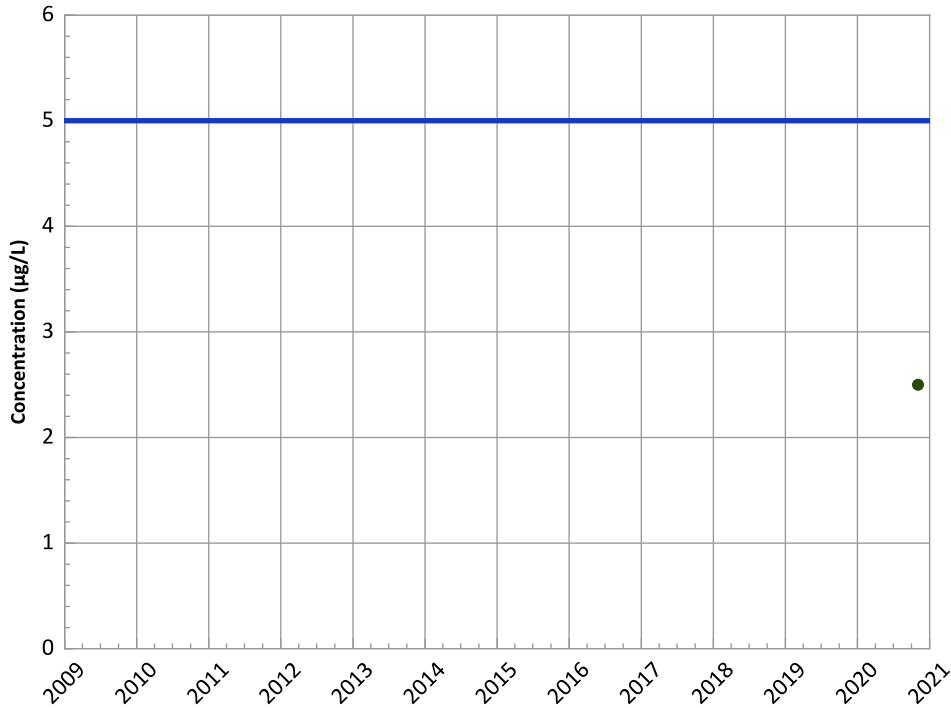


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend

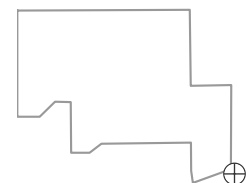


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

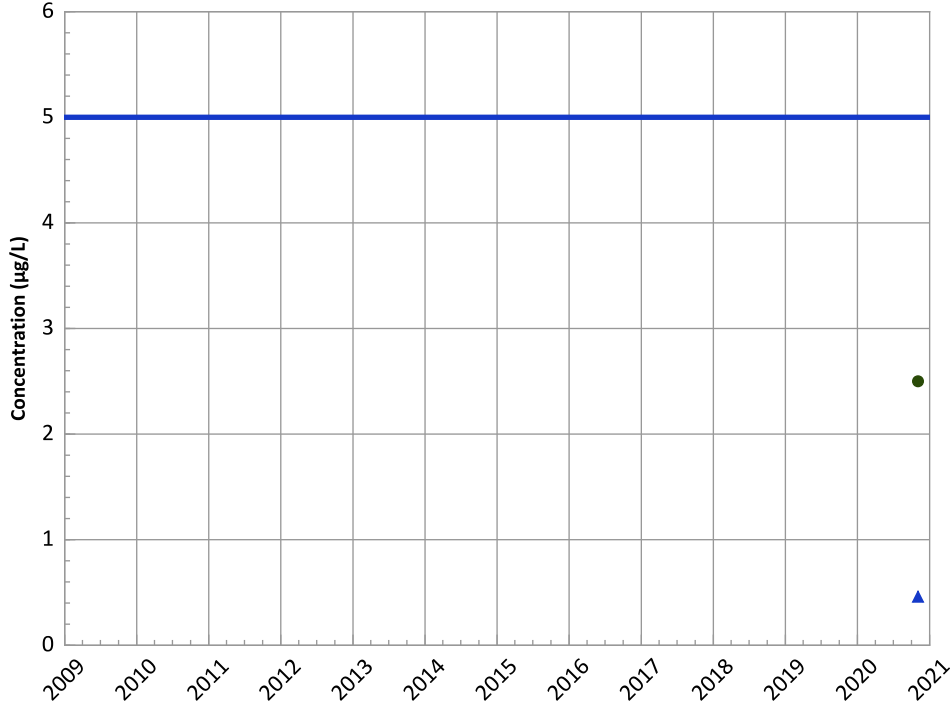


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

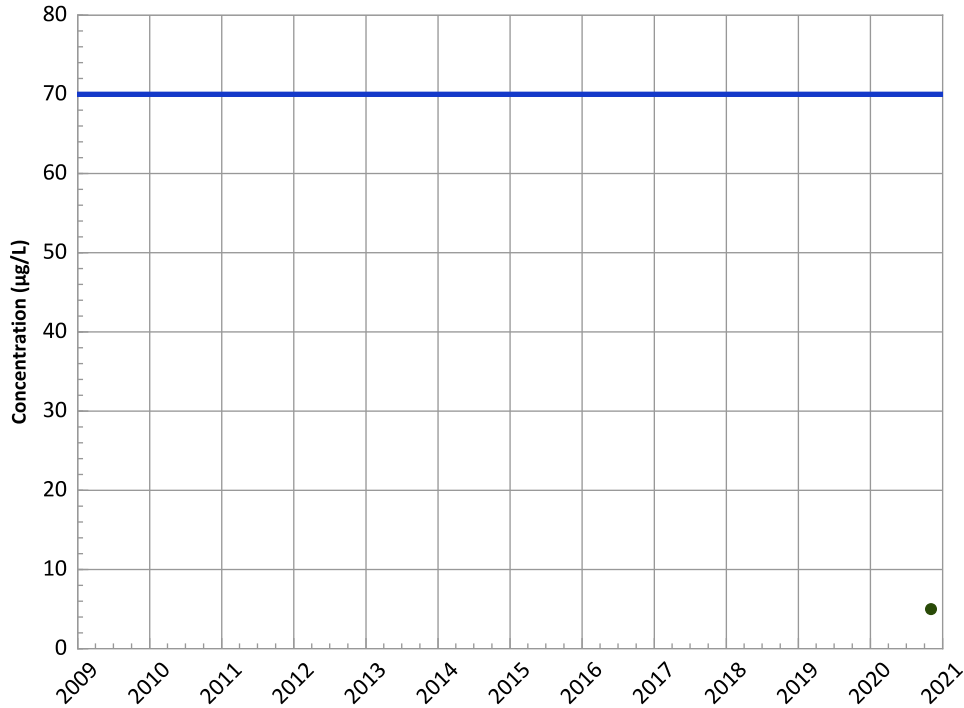


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

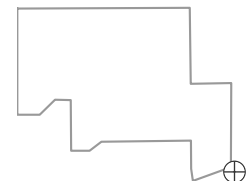


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

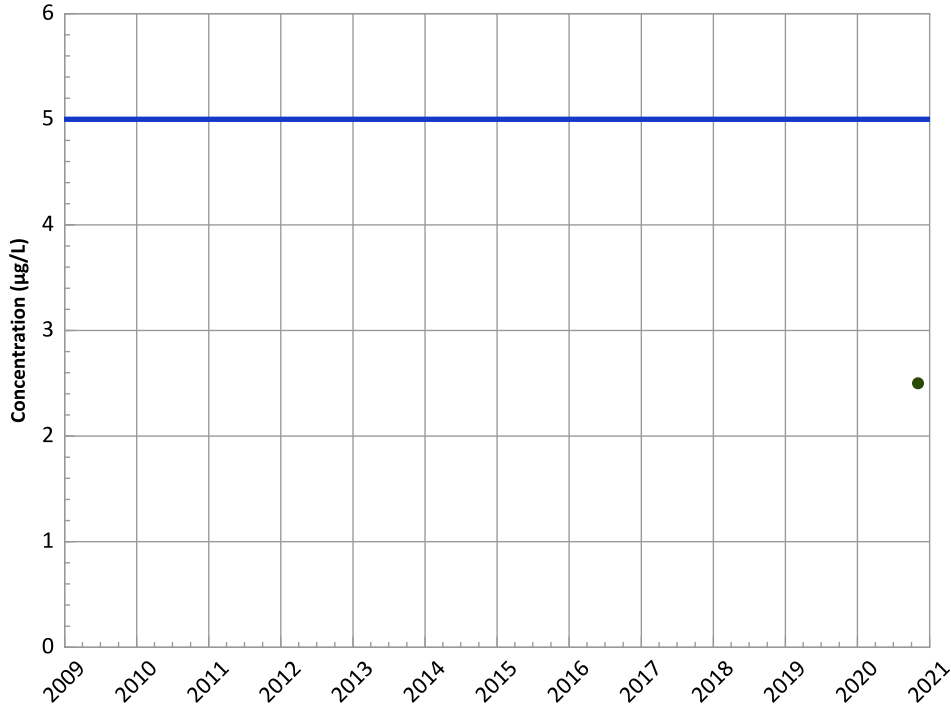


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

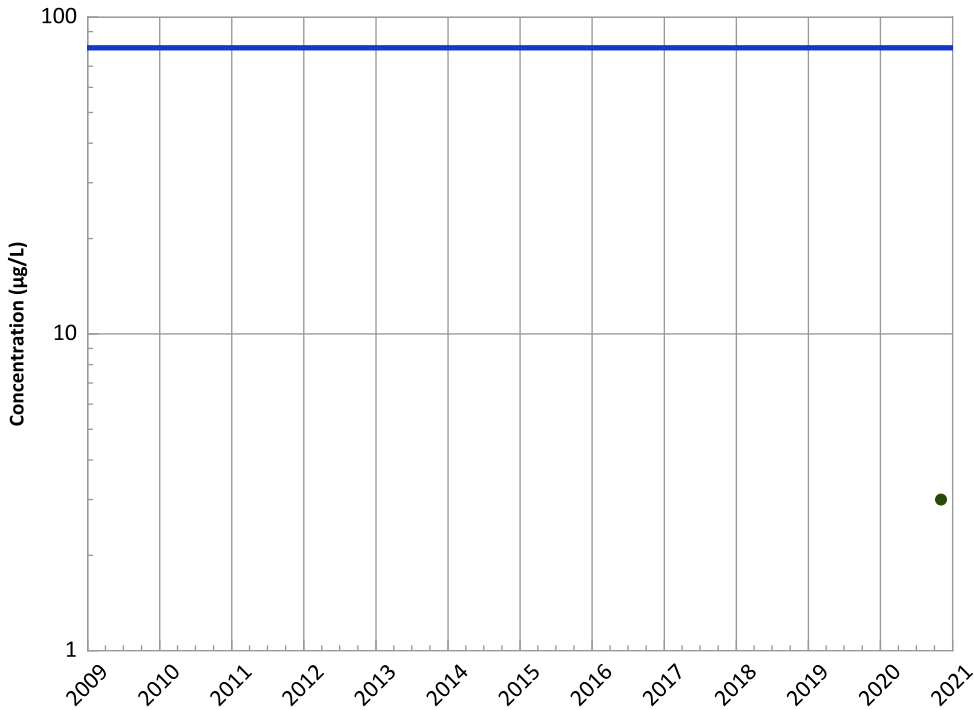


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend

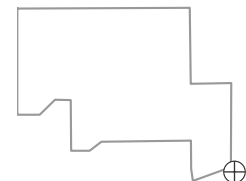


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

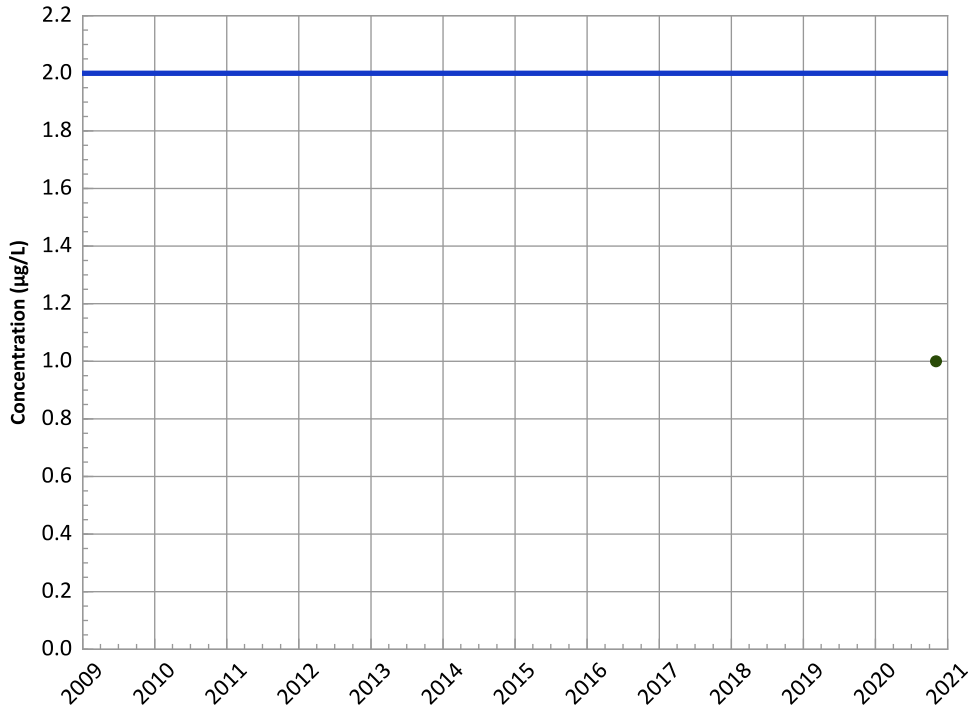
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

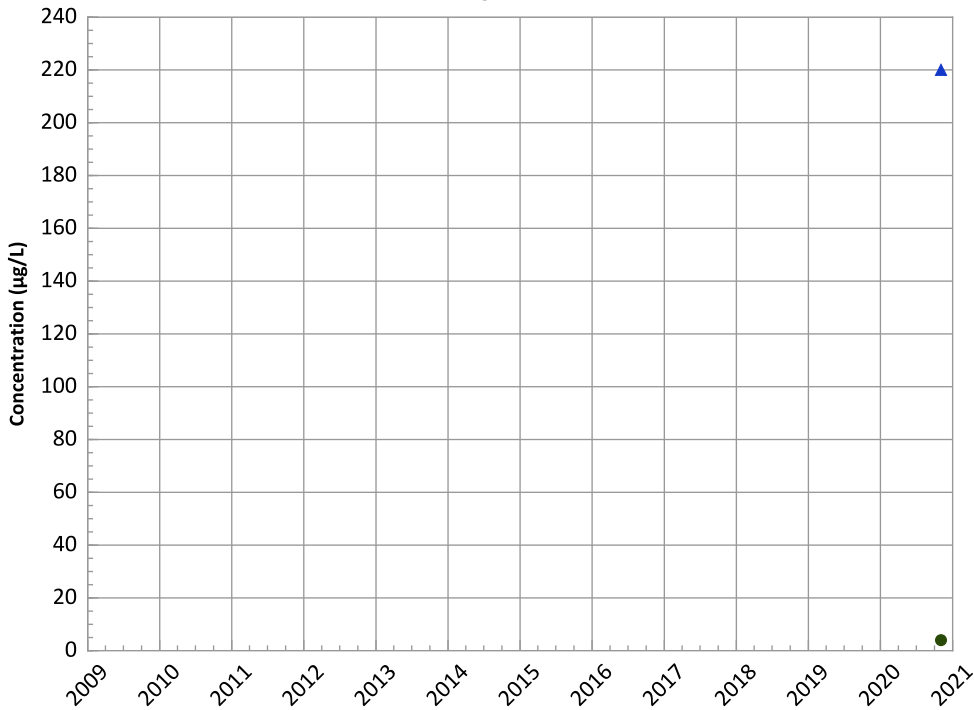


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

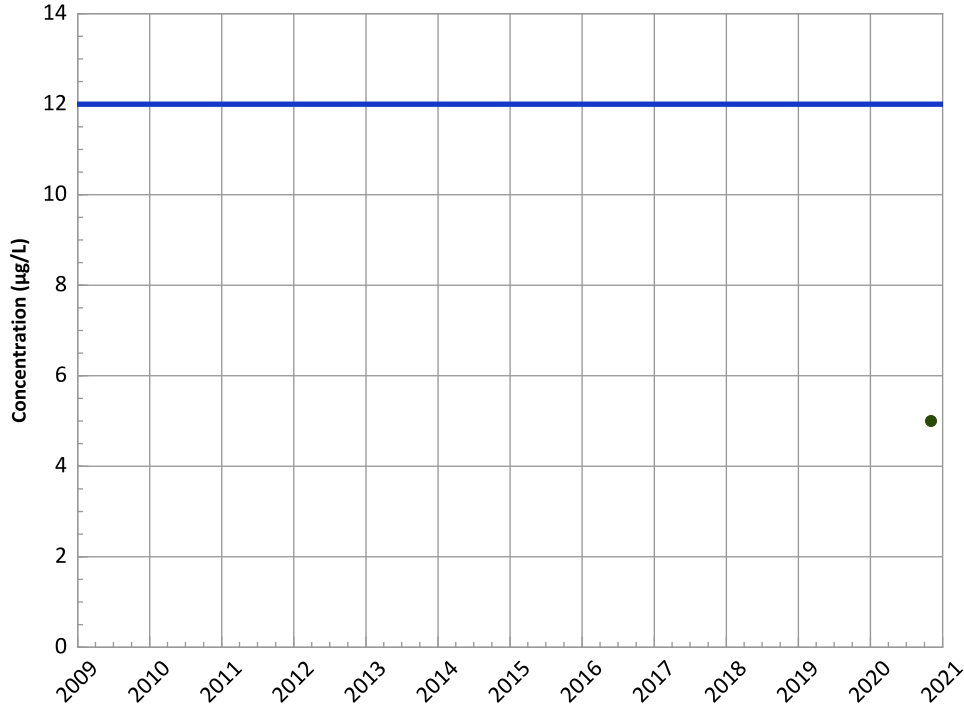


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

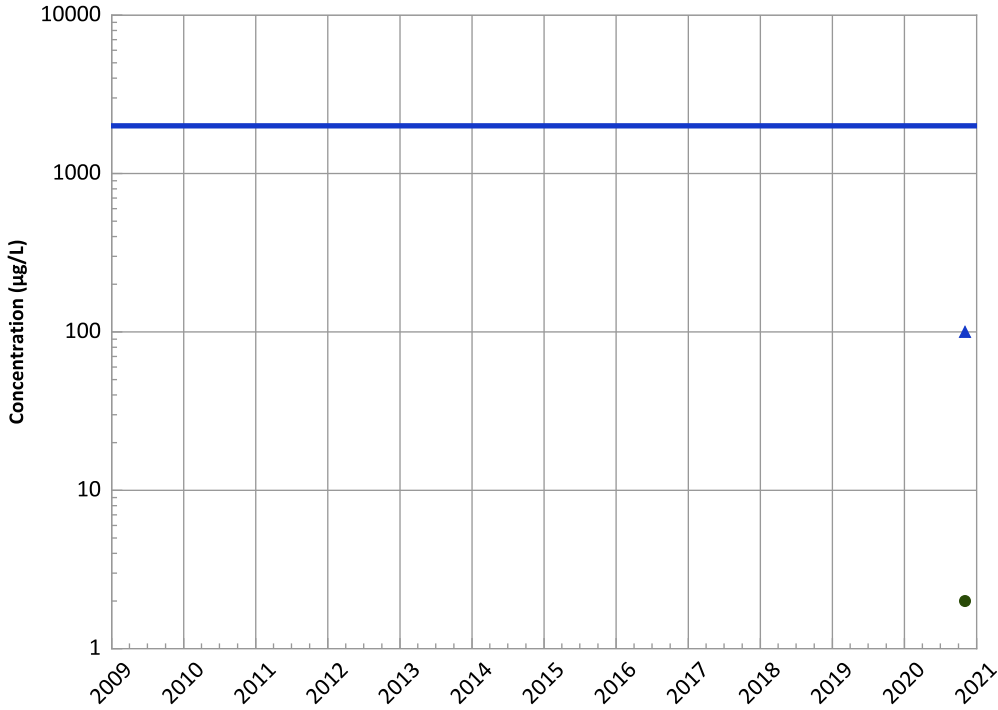


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Barium Trend

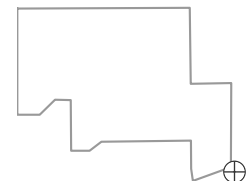


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

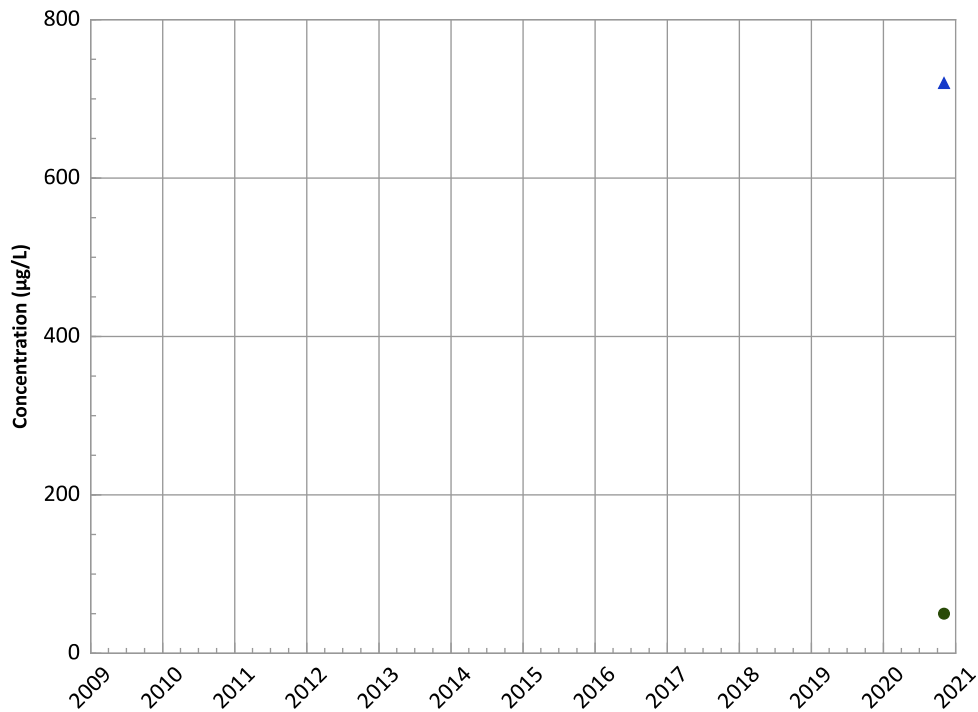


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

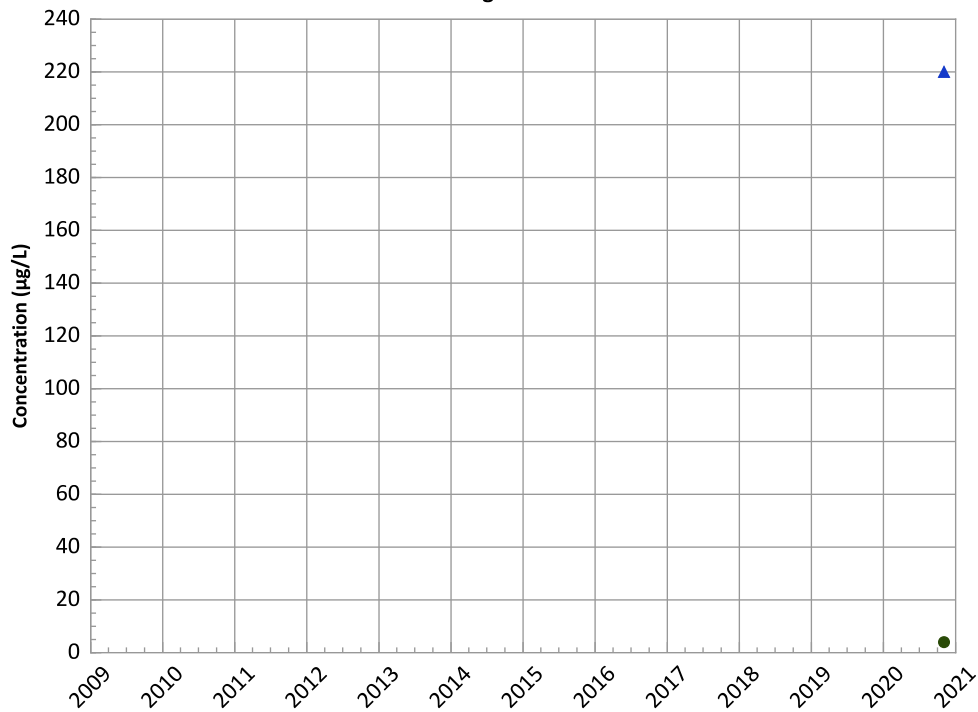


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Manganese Trend

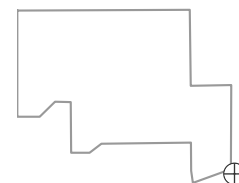


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

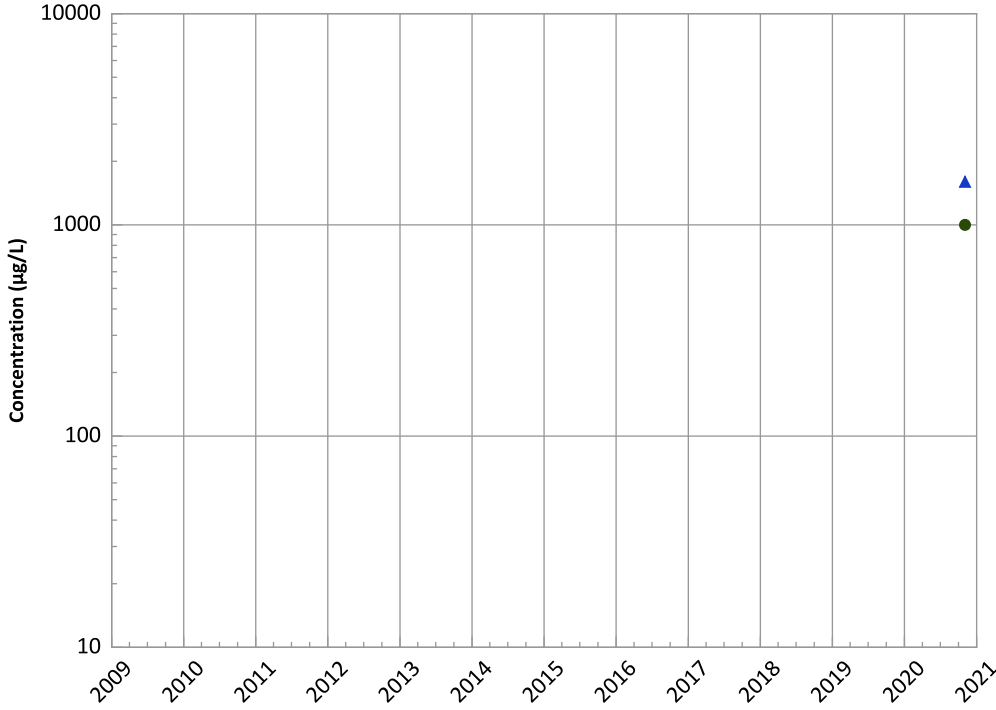


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

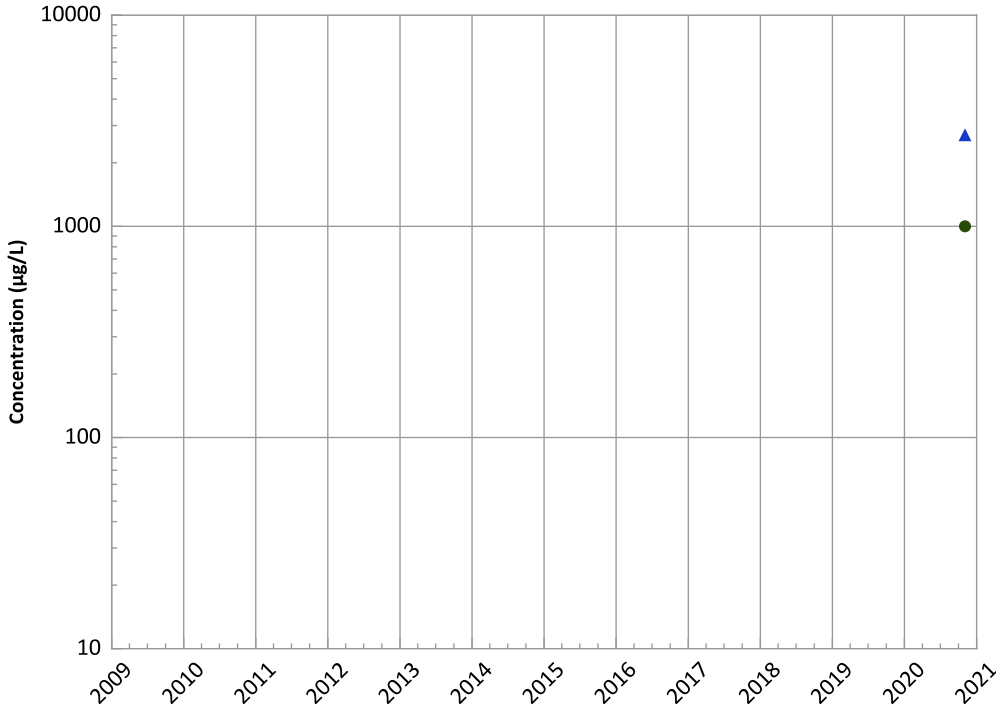


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend

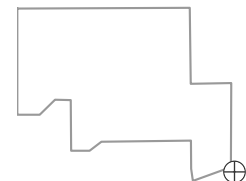


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

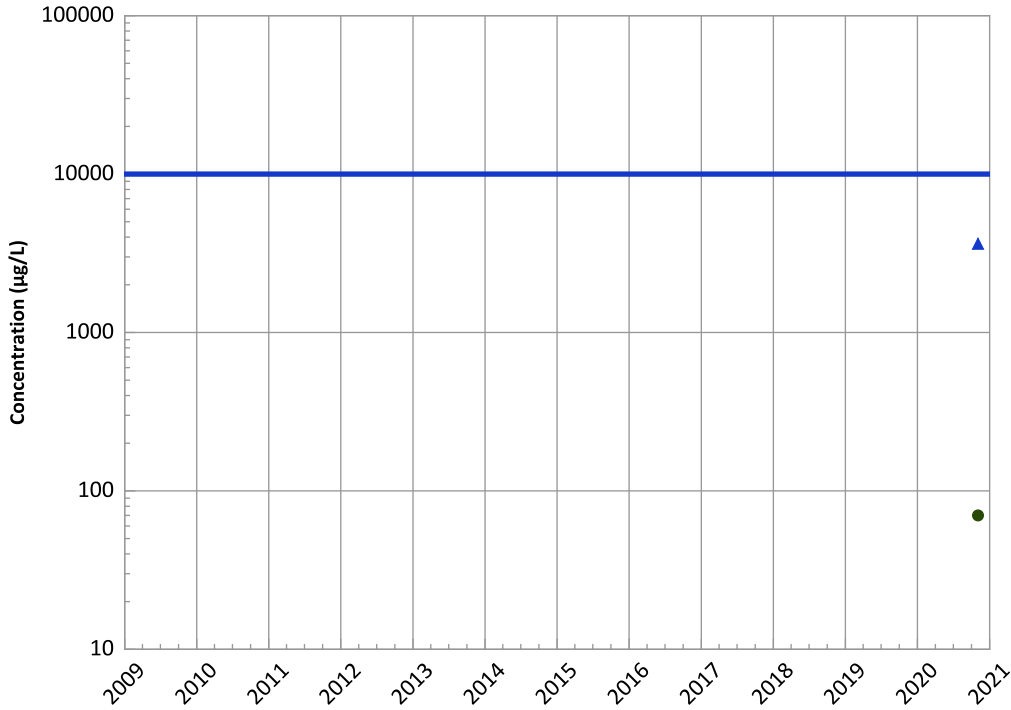


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

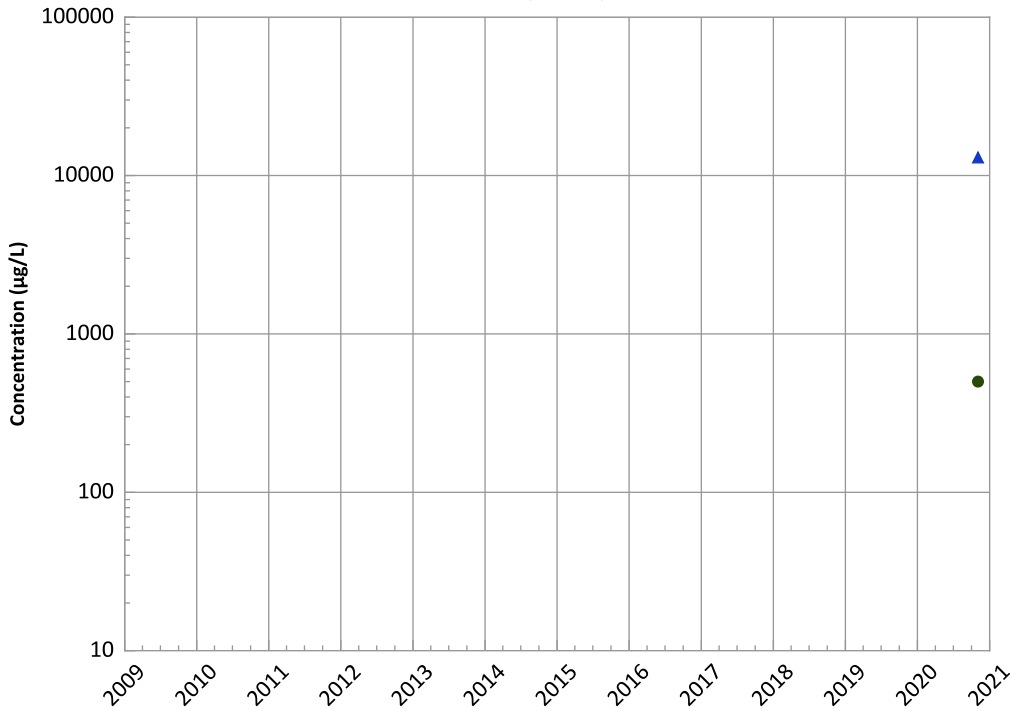


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

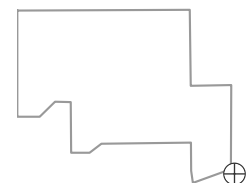


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

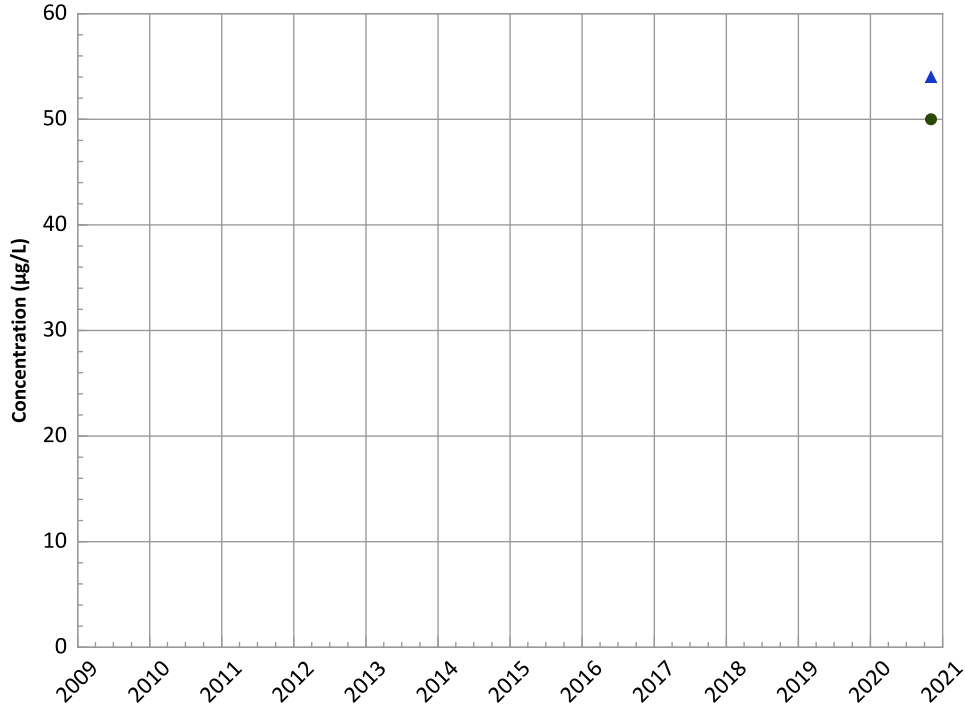


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

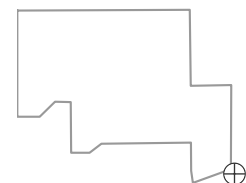
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

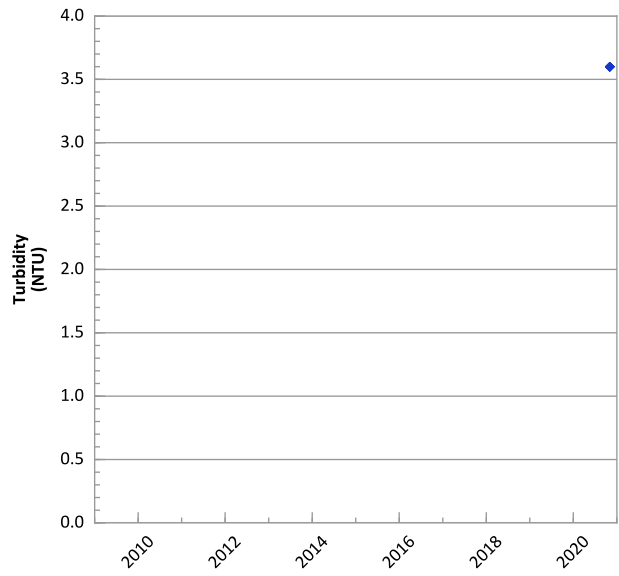
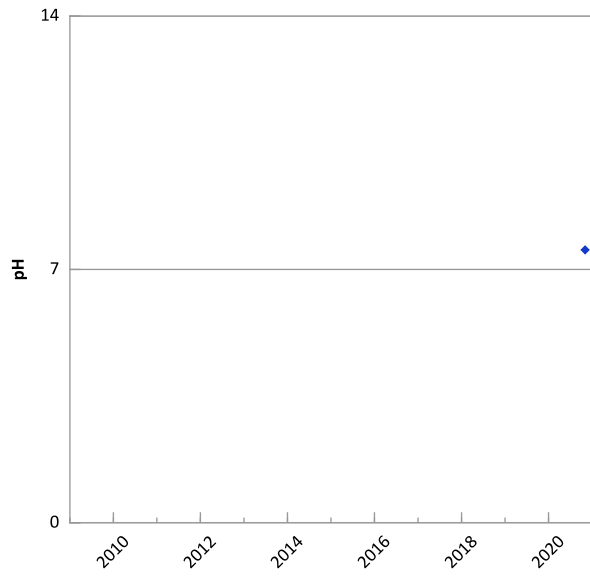
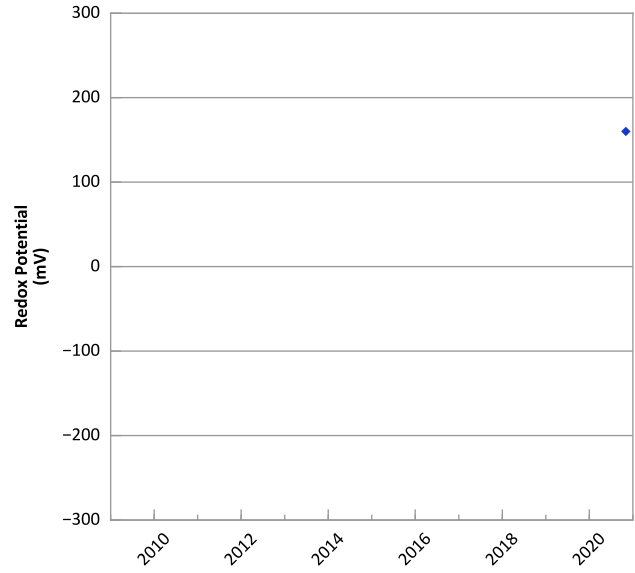
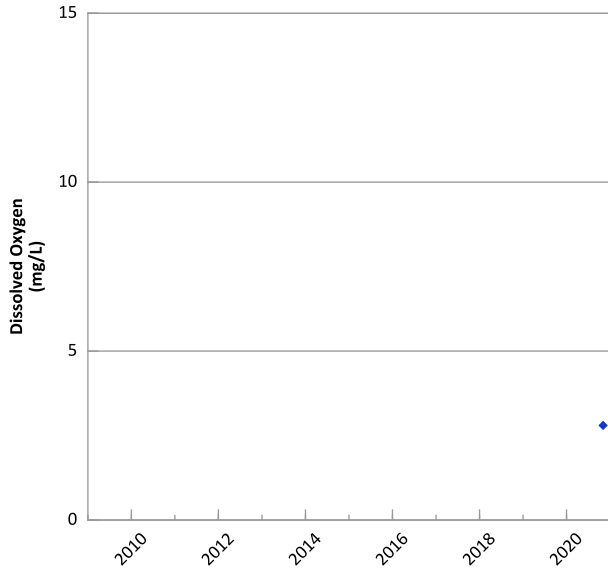
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

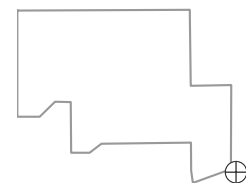


PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



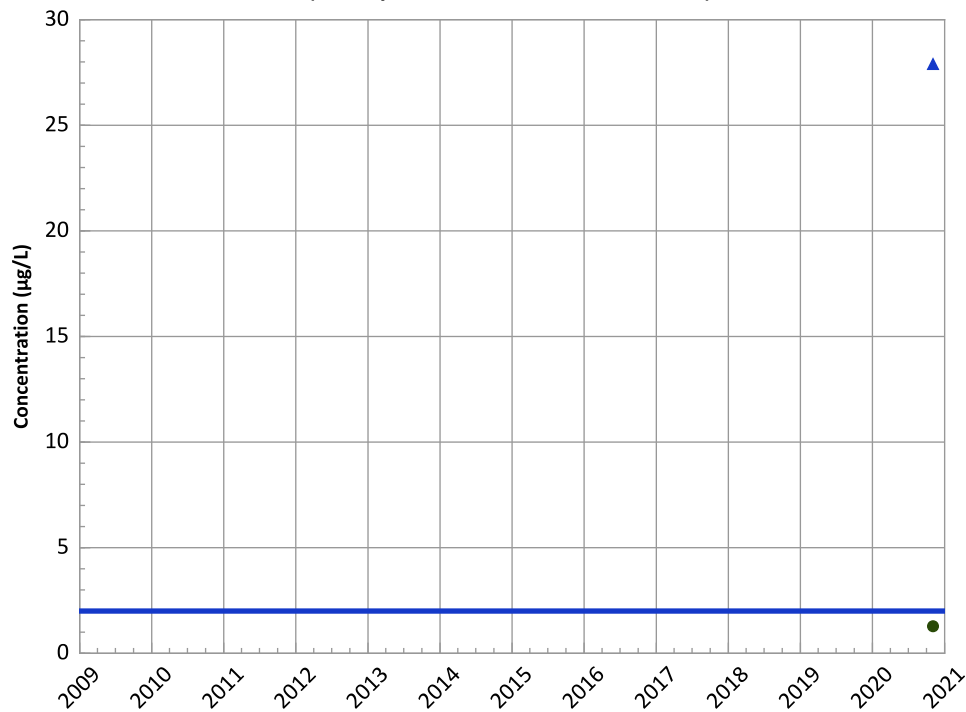
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

Well Location



PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

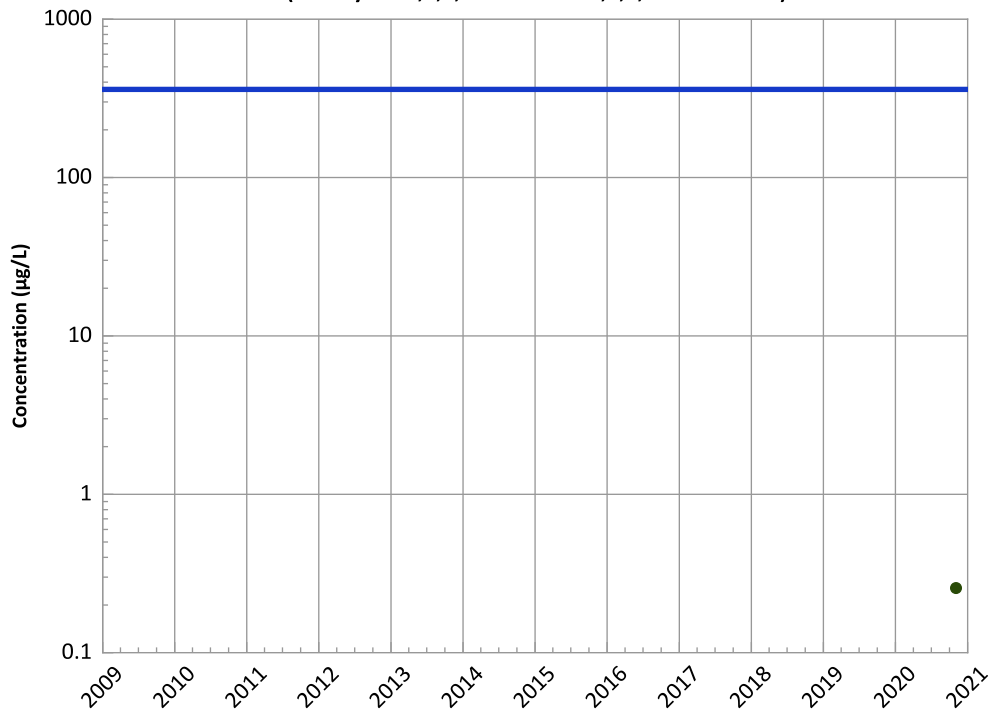


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 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 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

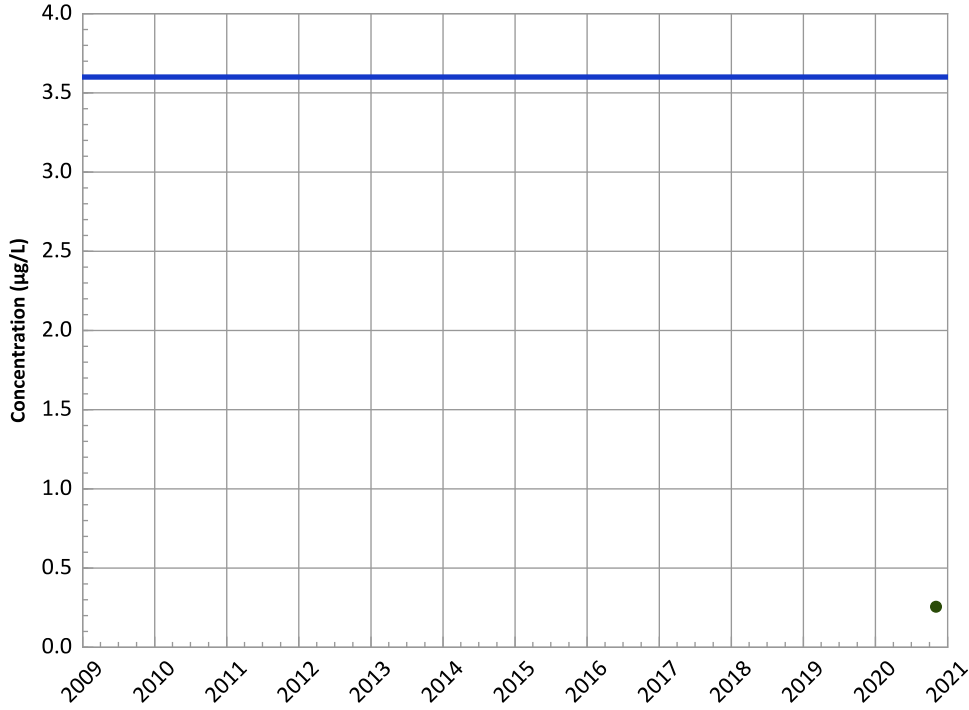


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

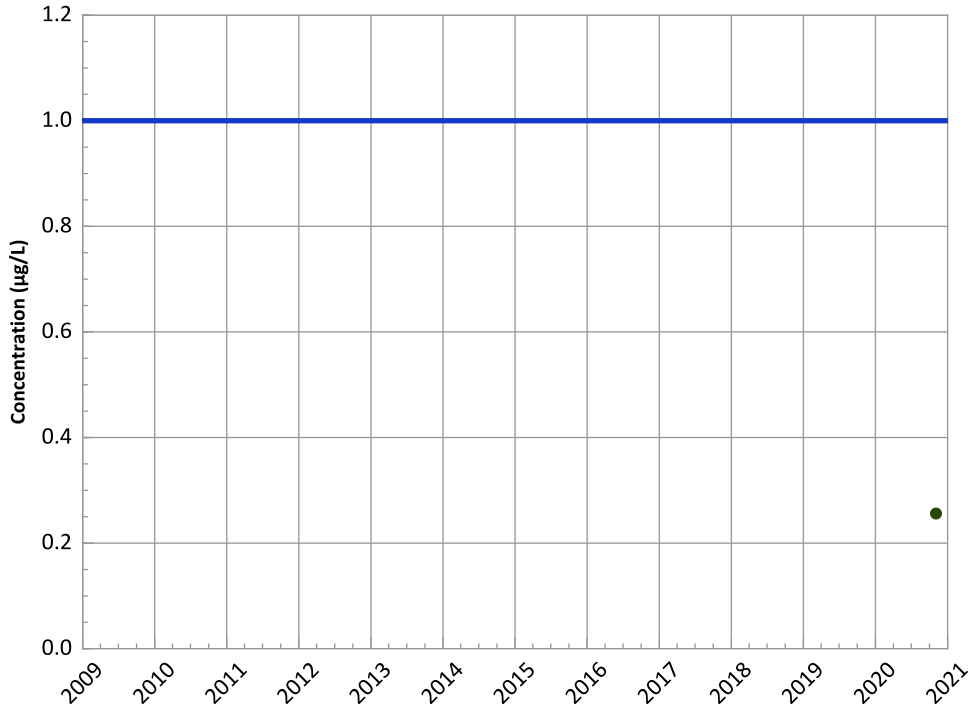


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

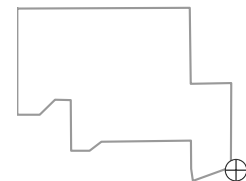


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

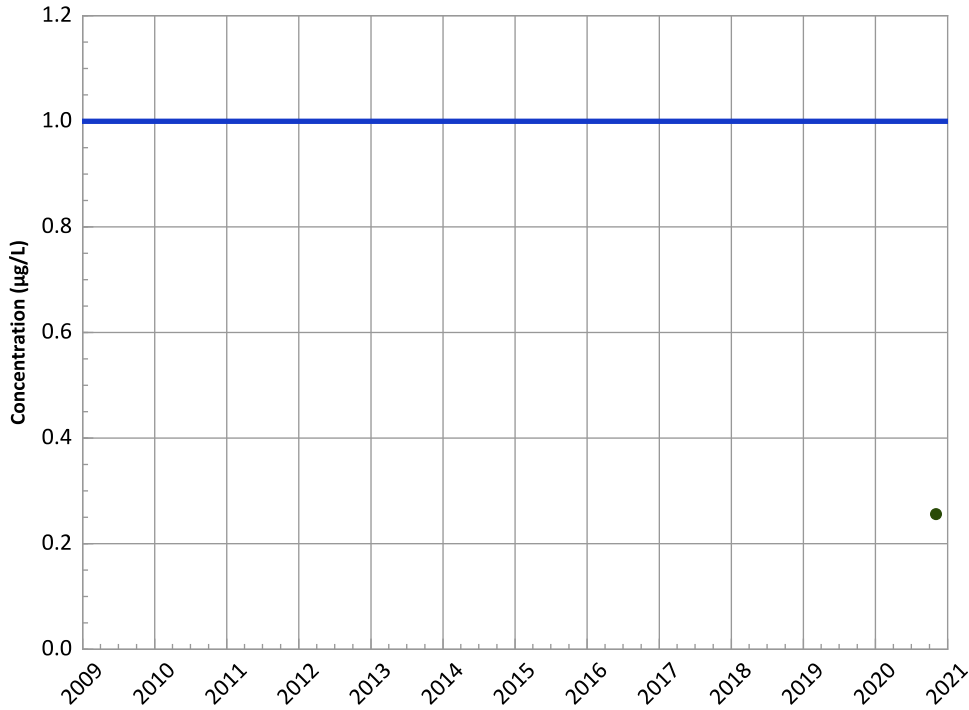


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

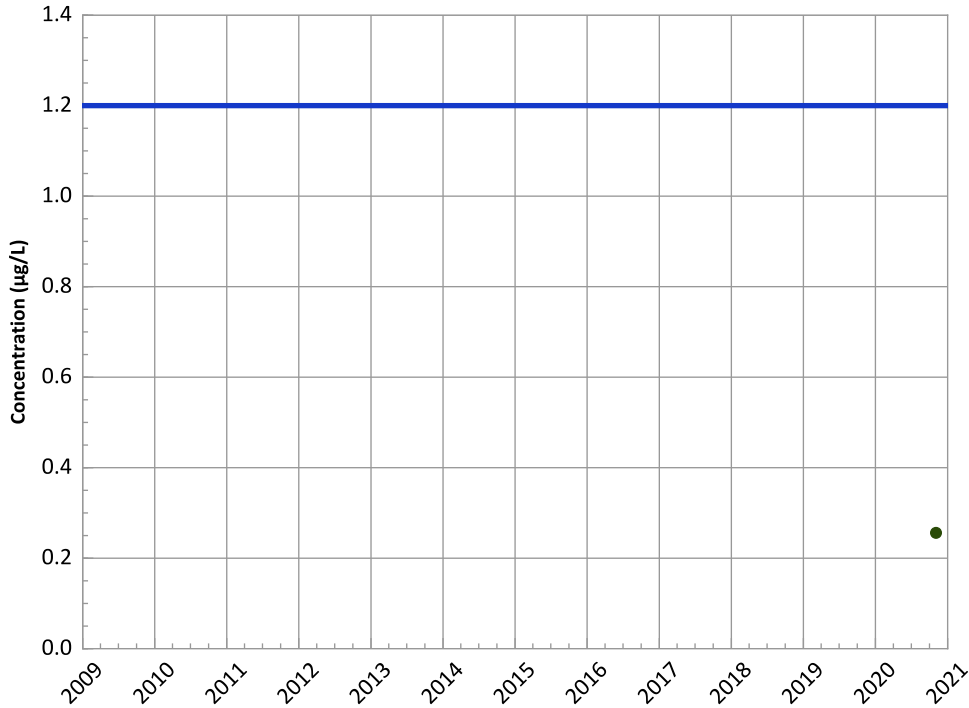


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

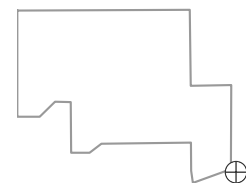


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

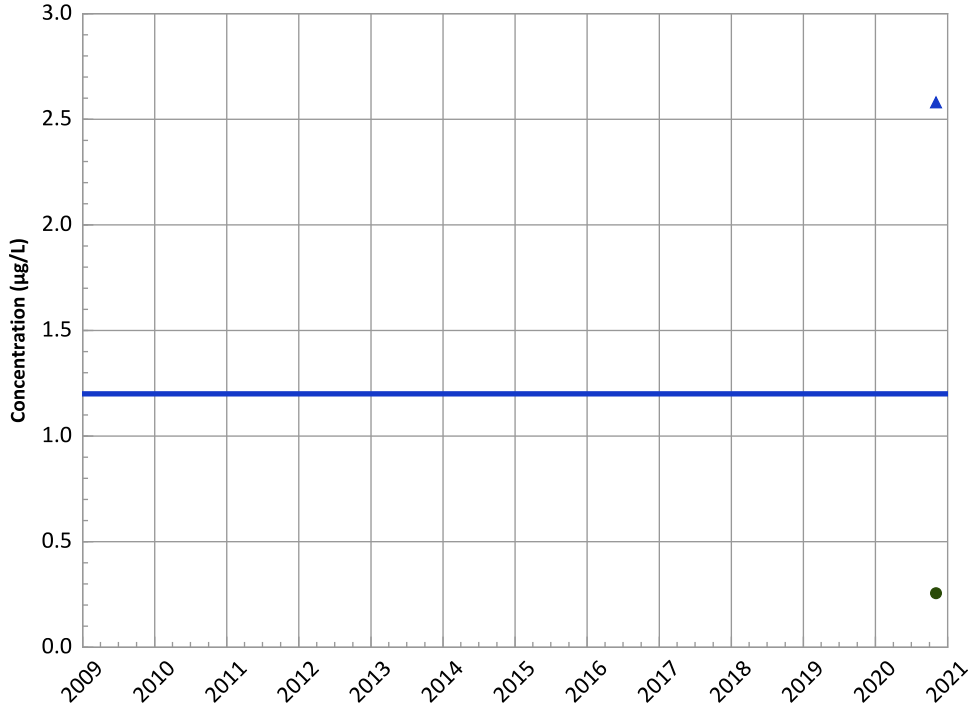


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

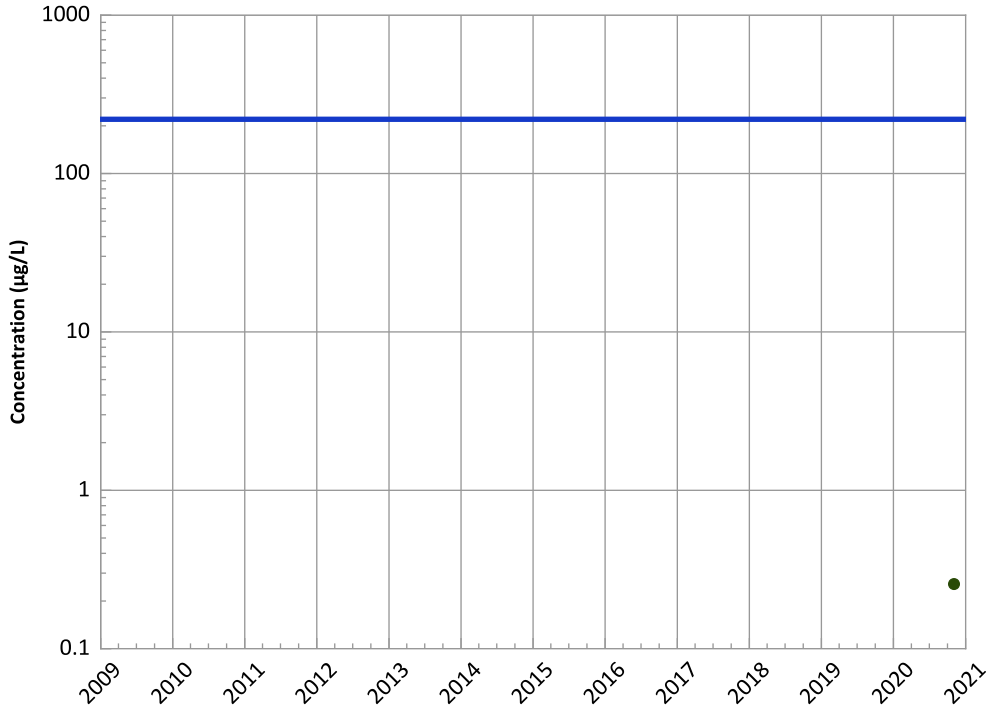


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

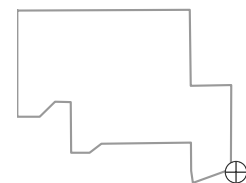


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

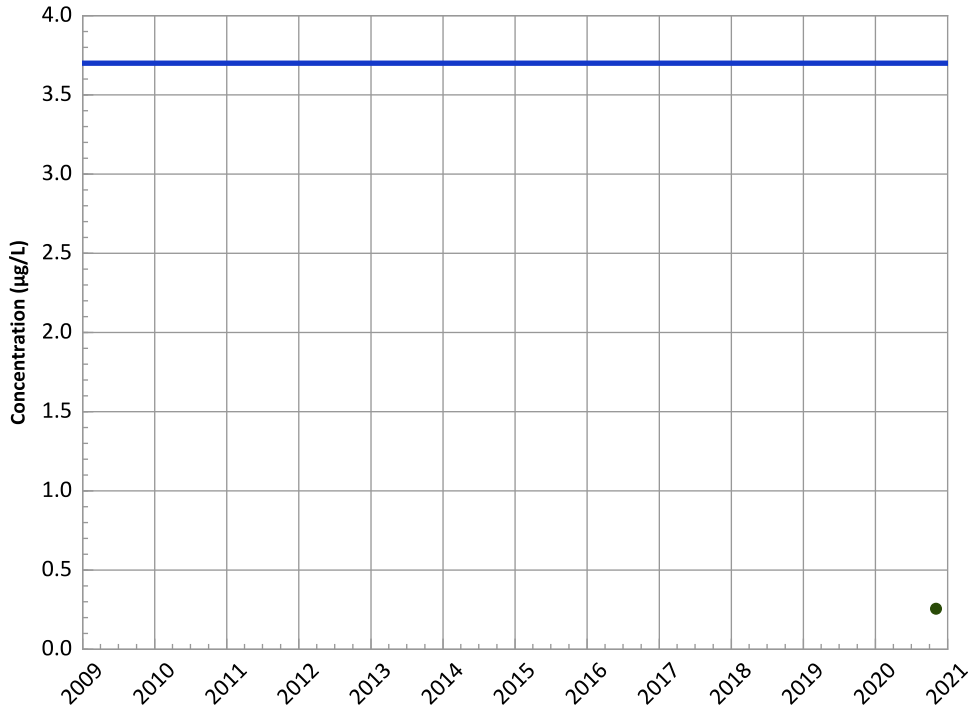


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

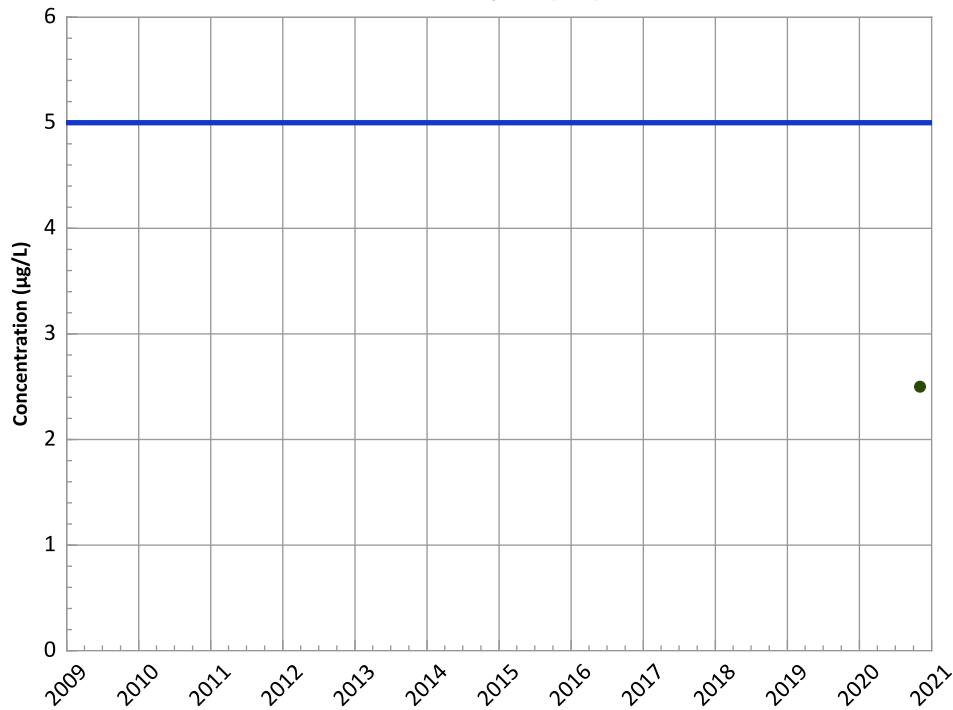


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend

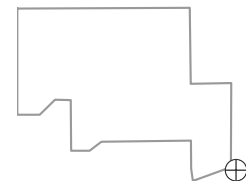


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

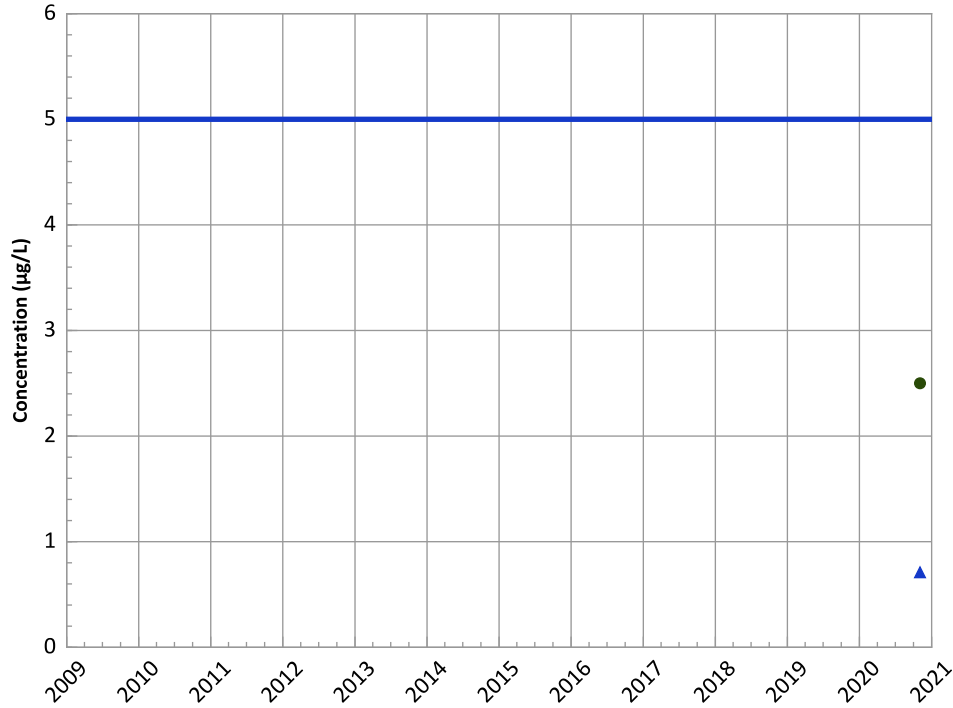


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

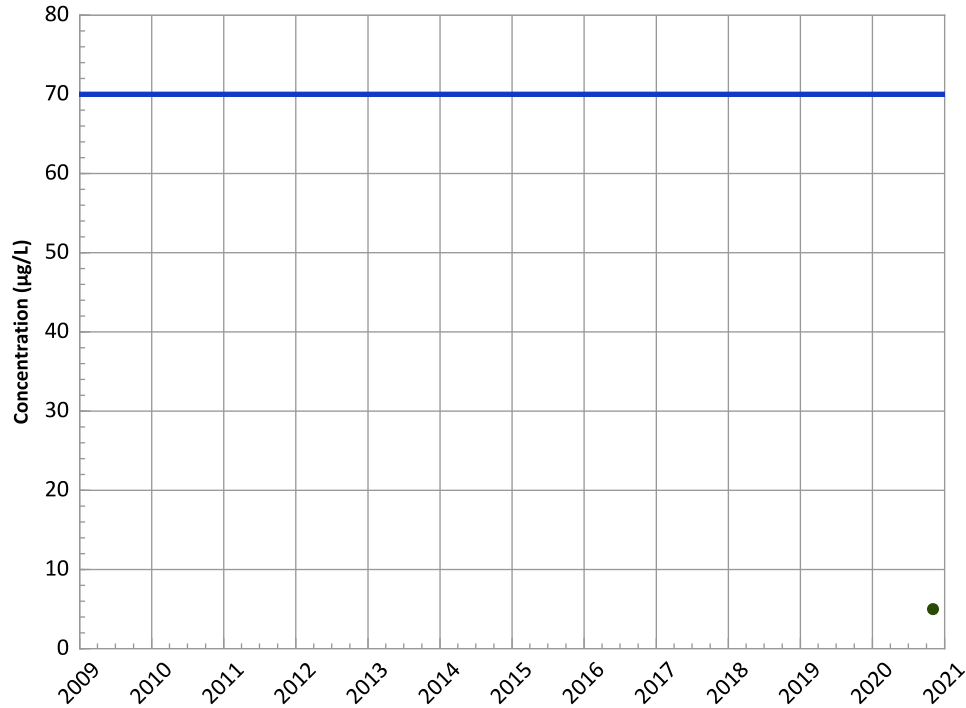


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

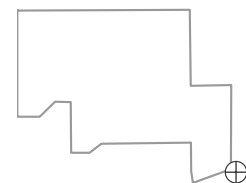


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

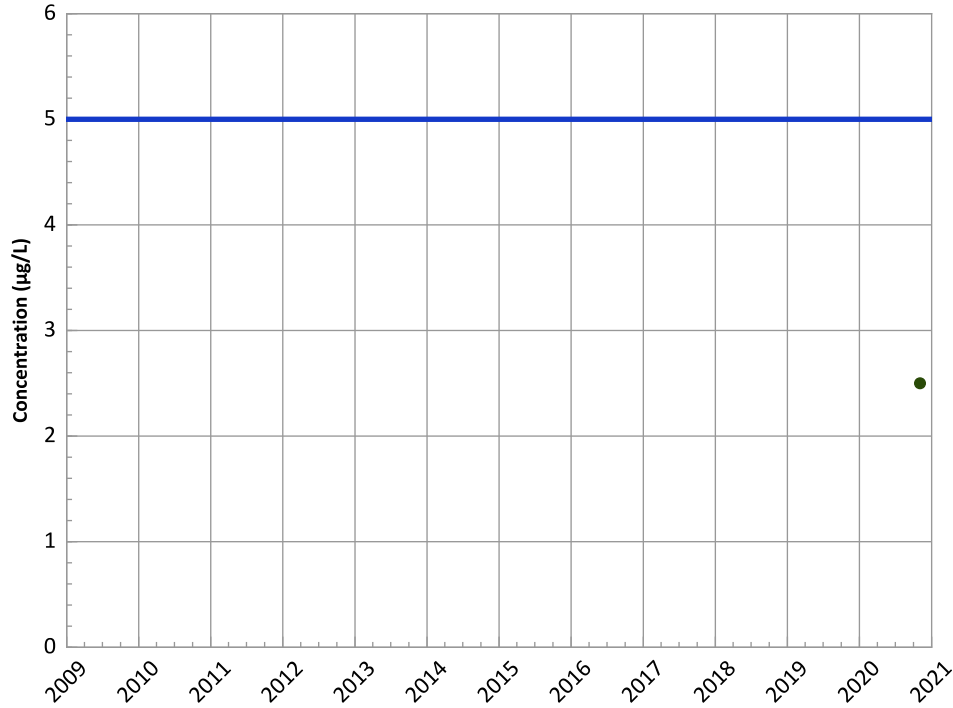


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

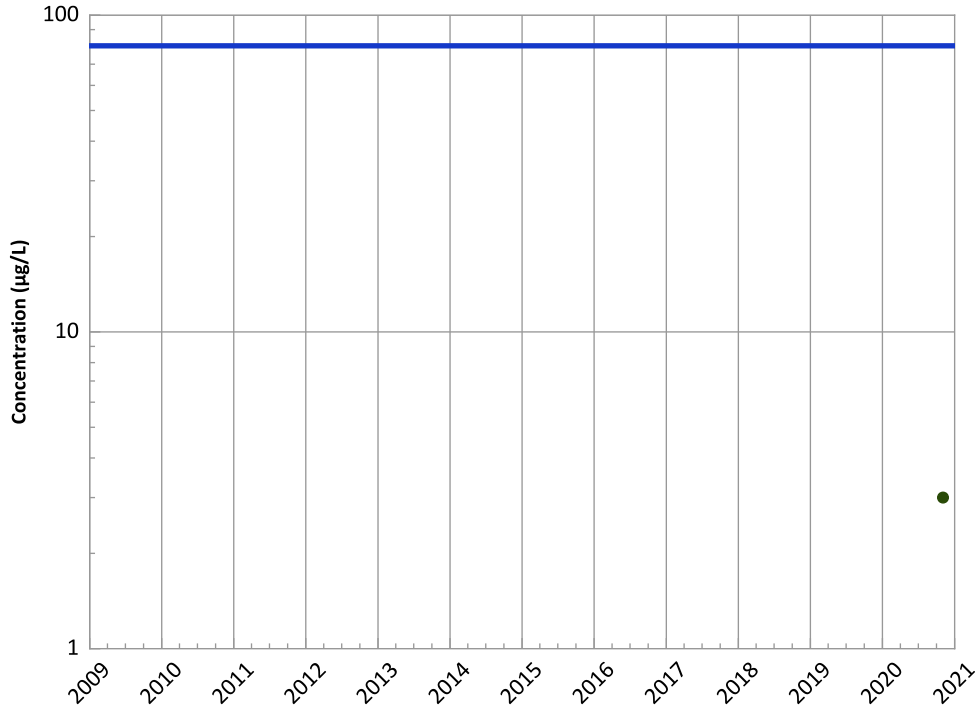


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend

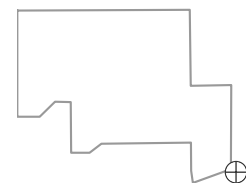


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

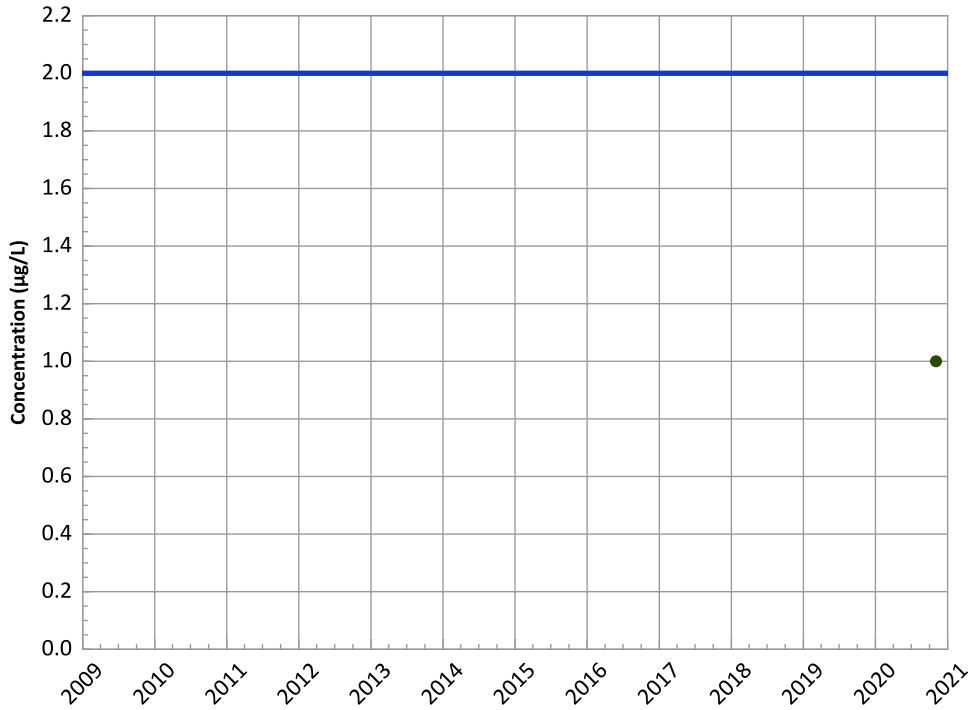
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

**PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

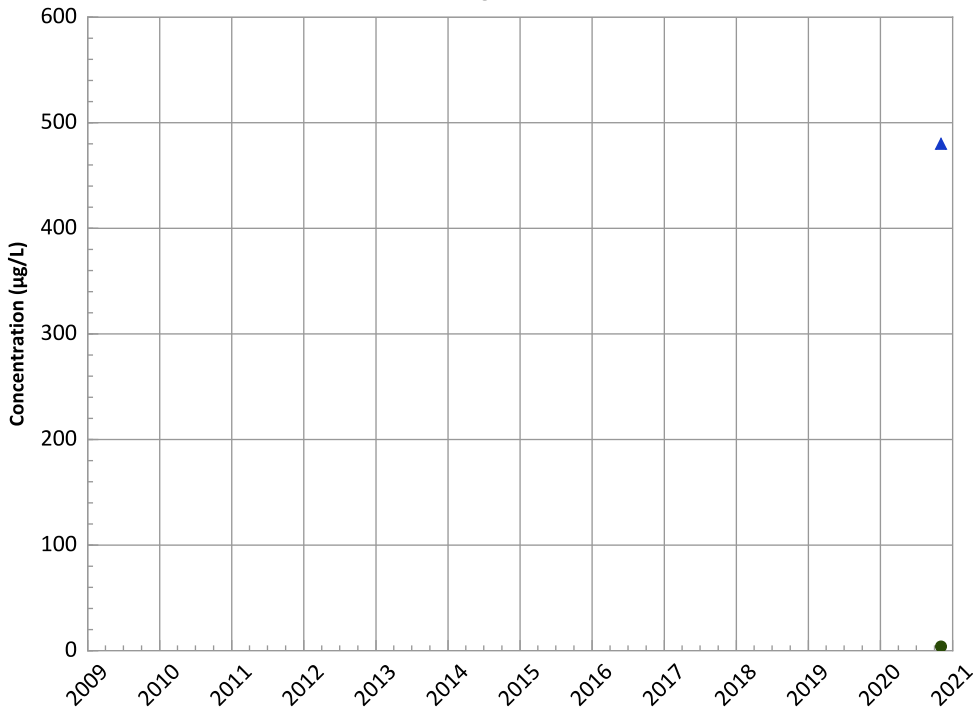


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Manganese Trend

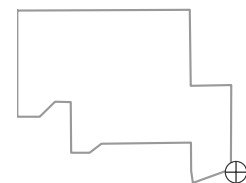


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

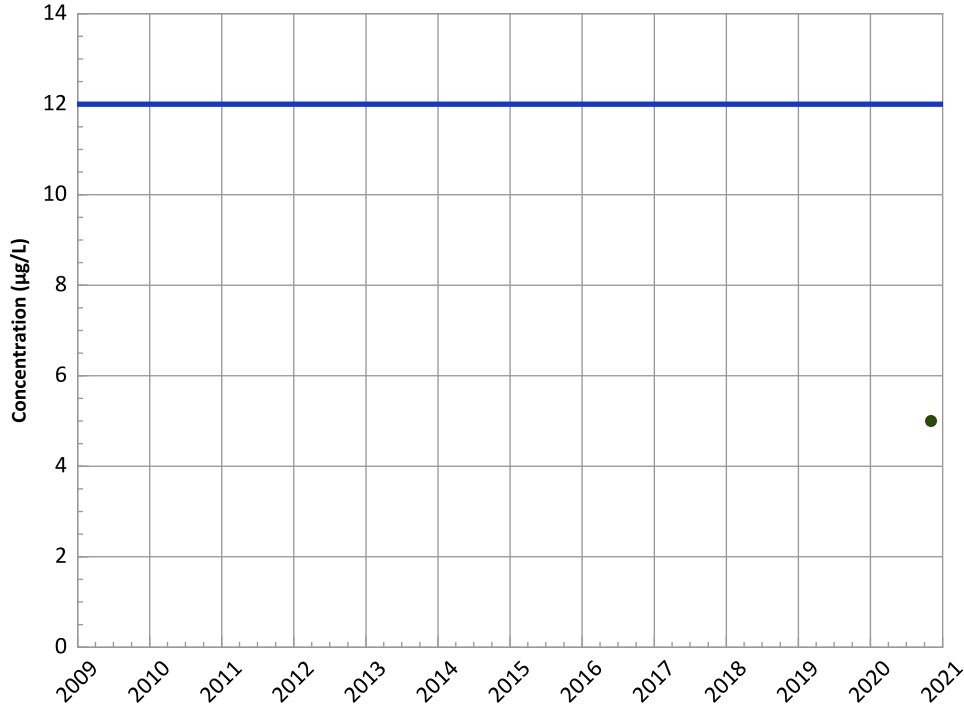


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

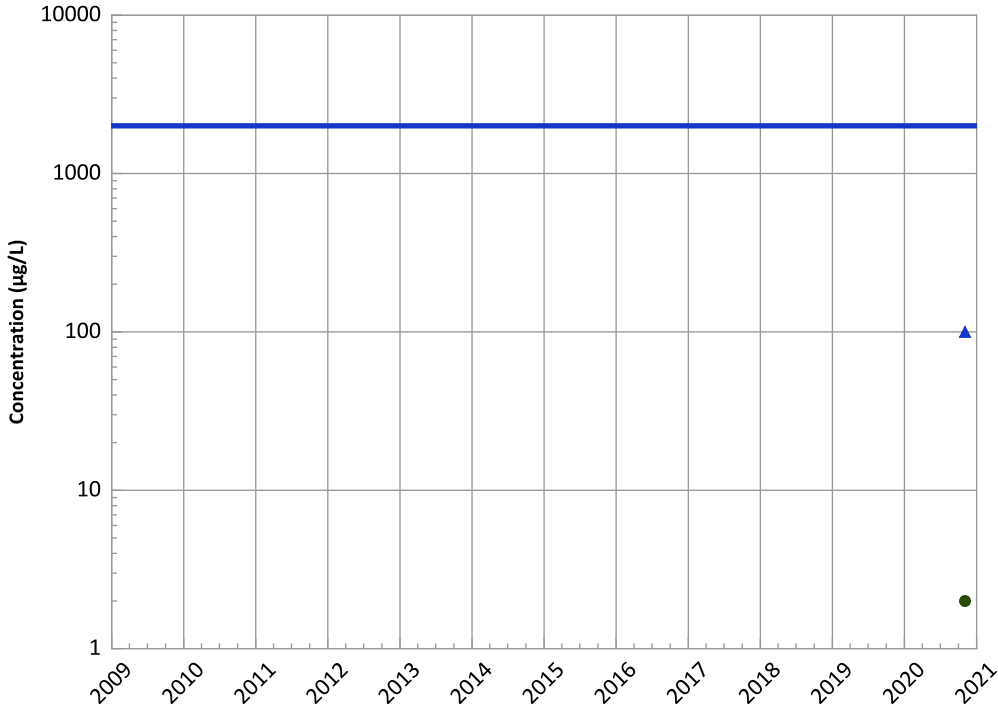


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Barium Trend

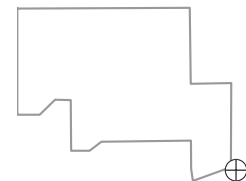


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

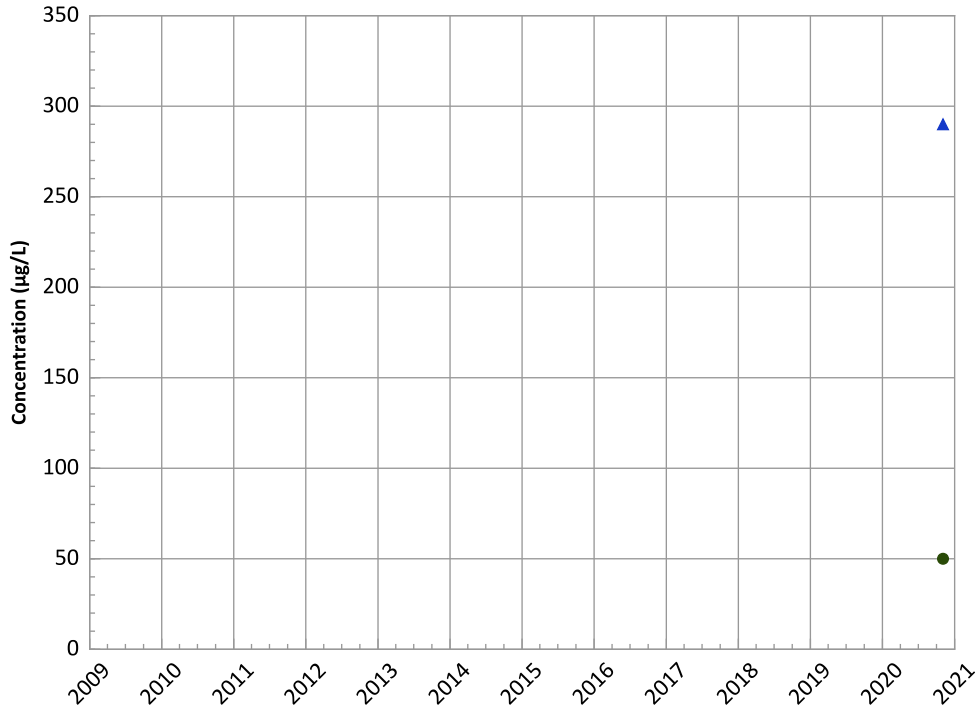


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

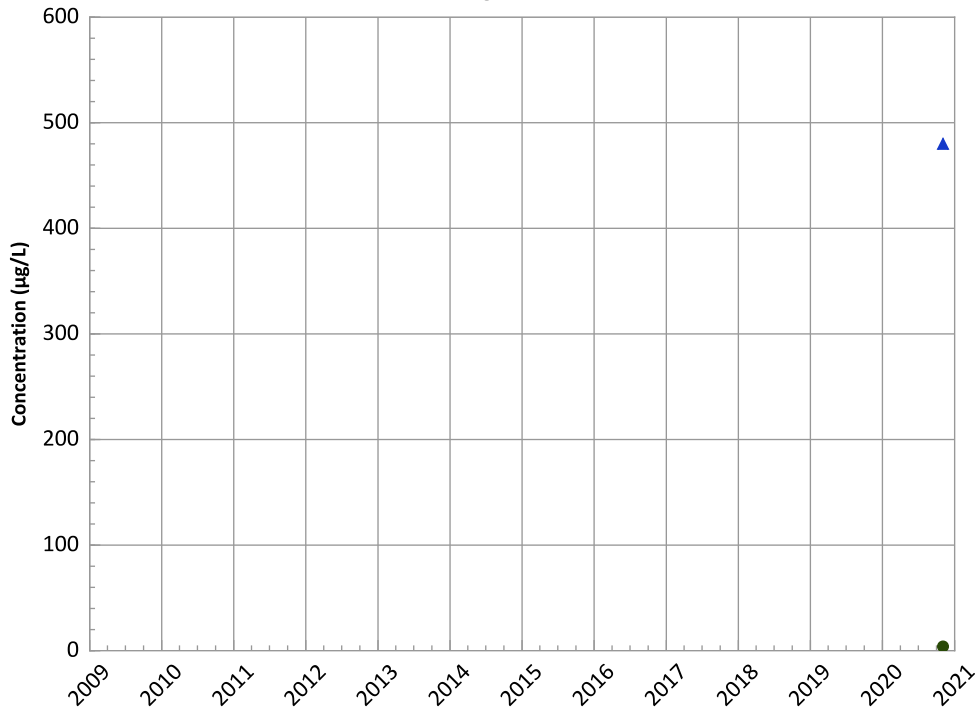
Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

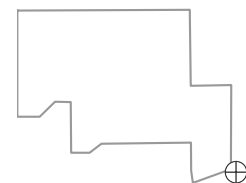
Query Date Range: 01/01/2009 to 12/31/2020

Data Date Range: 11/03/2020 to 11/03/2020

Analysis Date: 06/03/2021

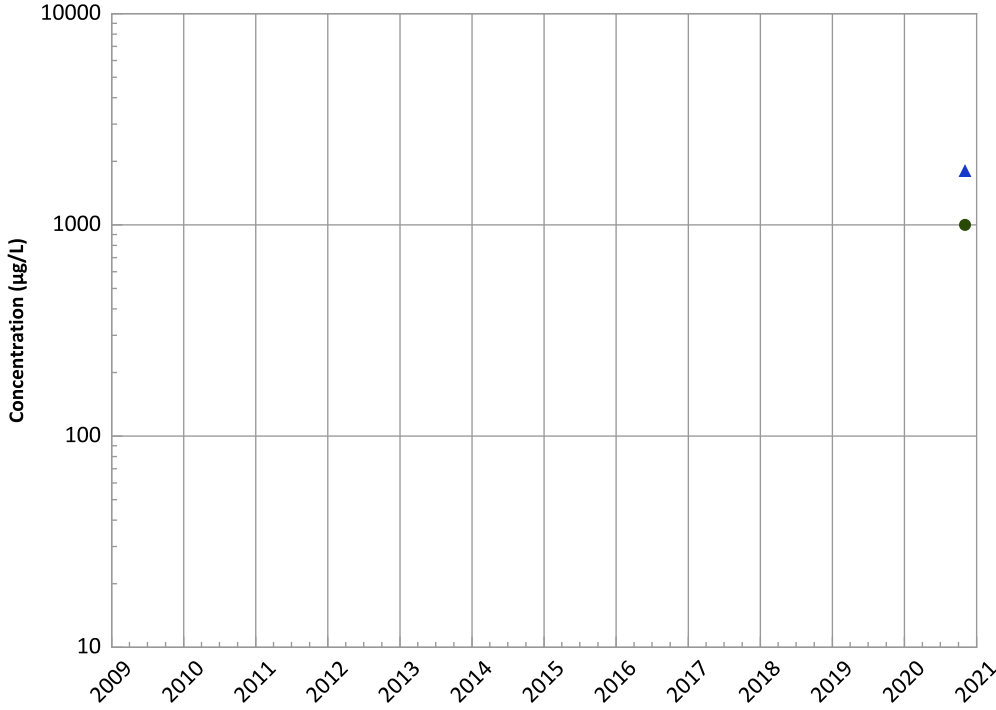
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

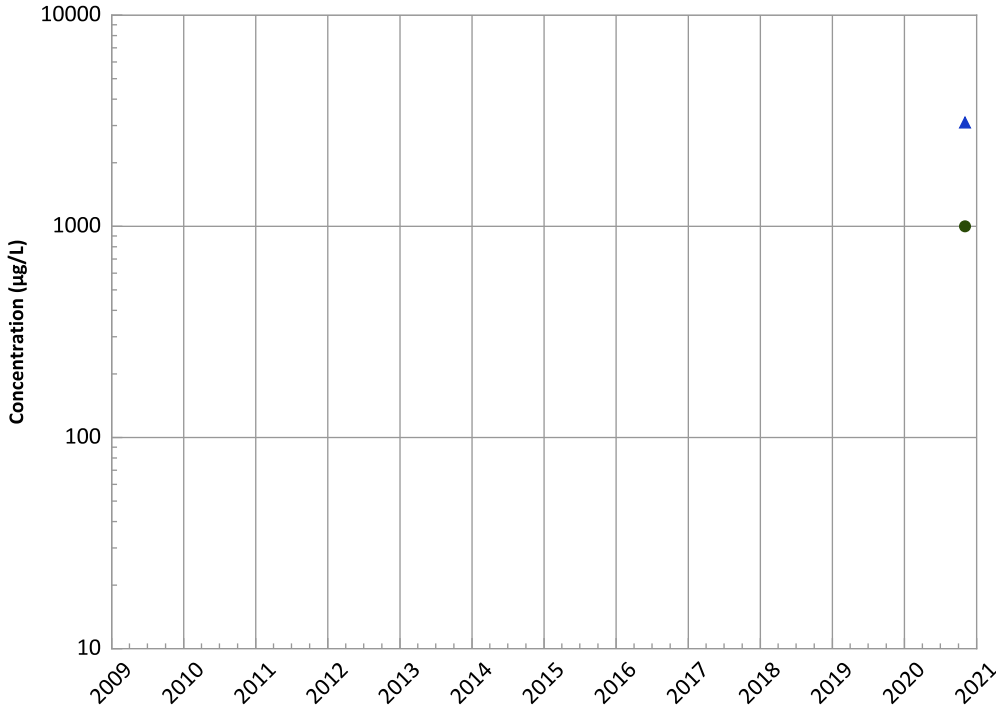


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend

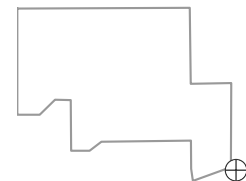


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

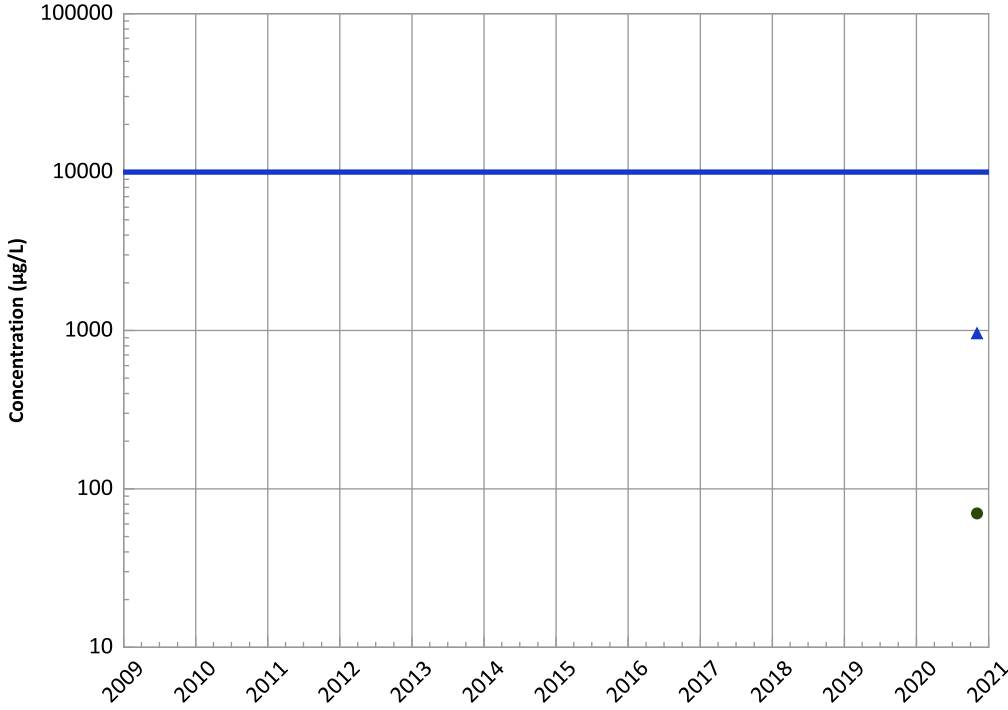


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

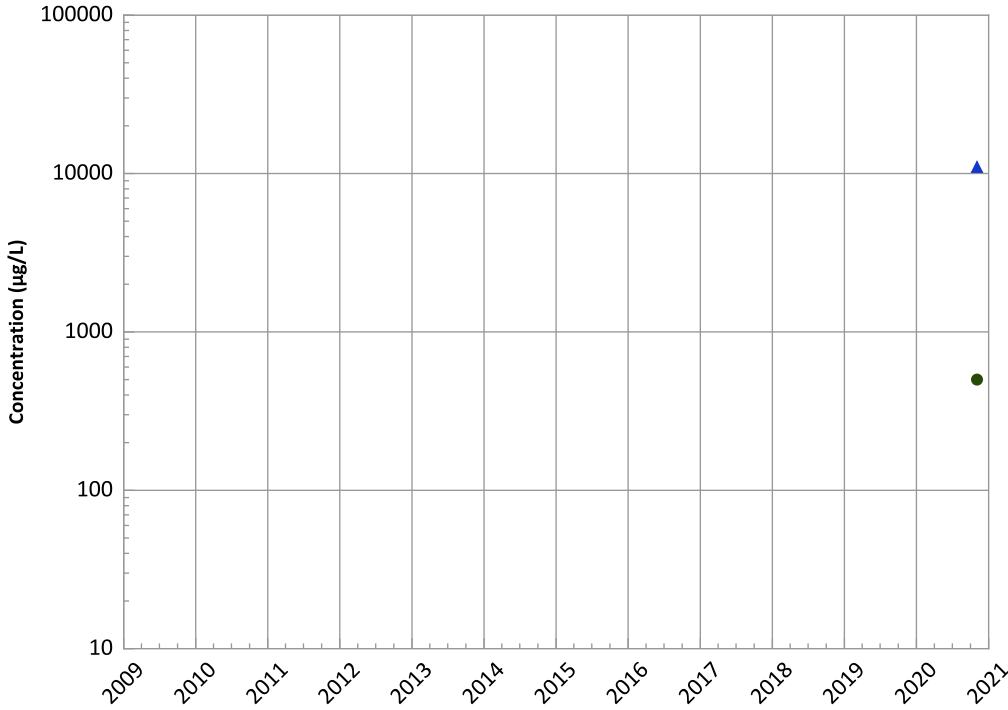


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

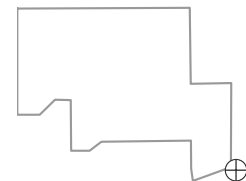


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2020):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2020):
N/A (<4 Detections in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

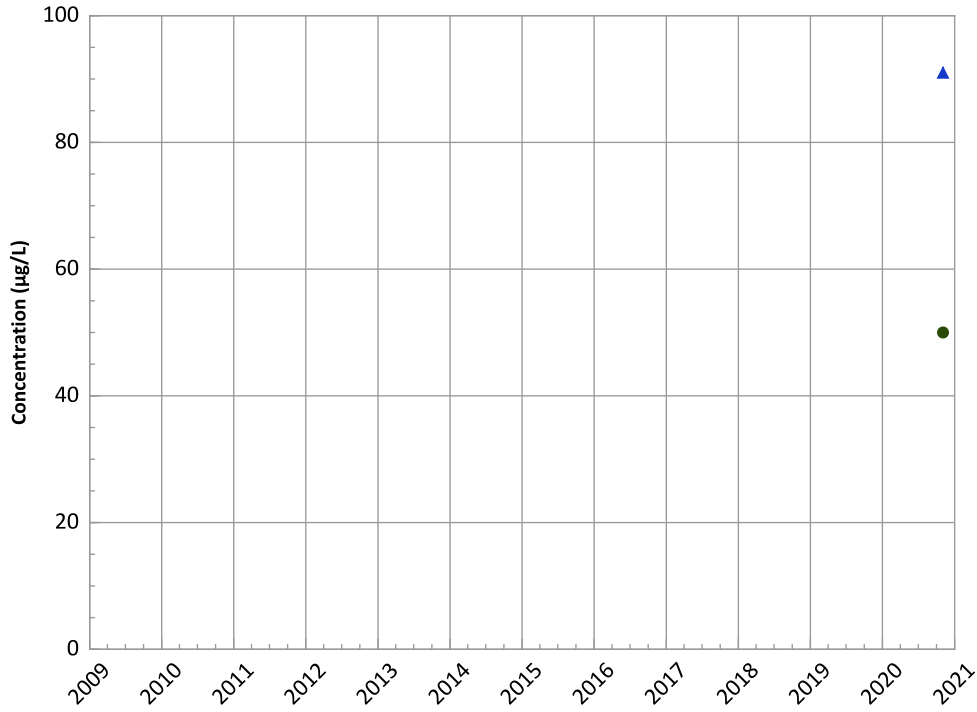


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (7/2009 - 12/2020):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

Data (7/2009 - 12/2020):

N/A (<4 Detections in Dataset)

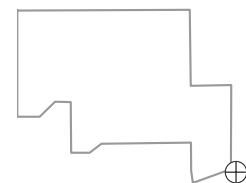
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

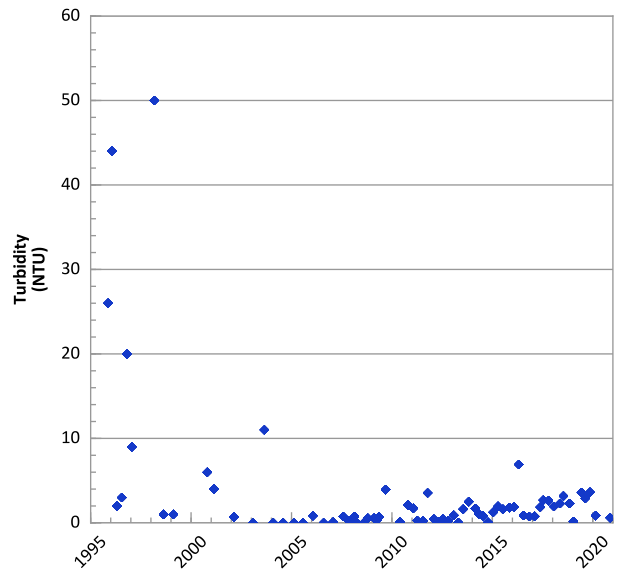
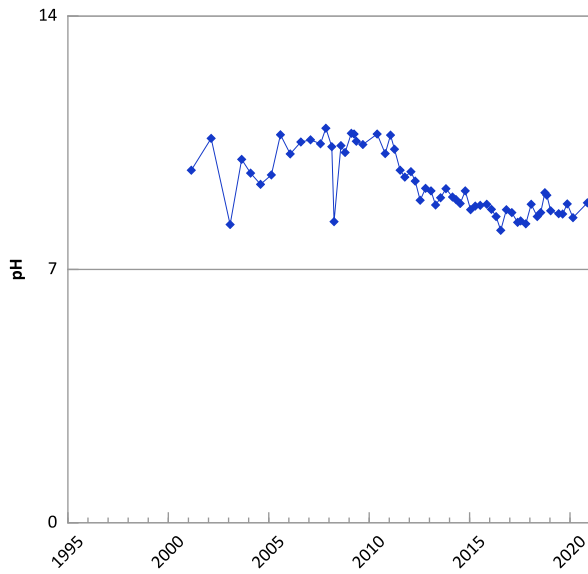
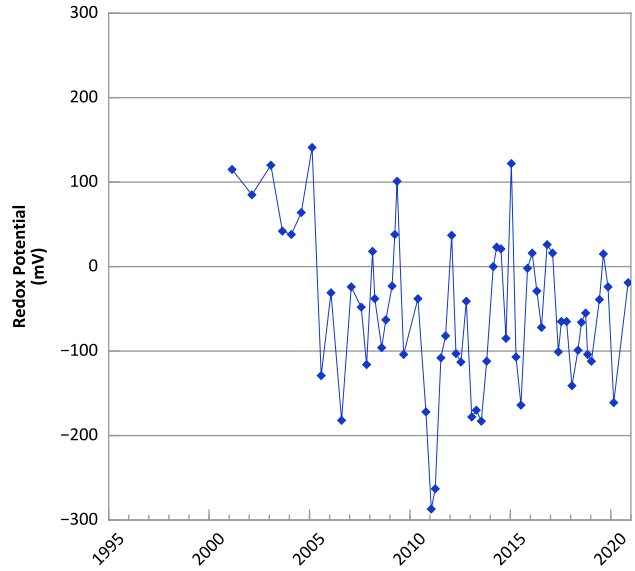
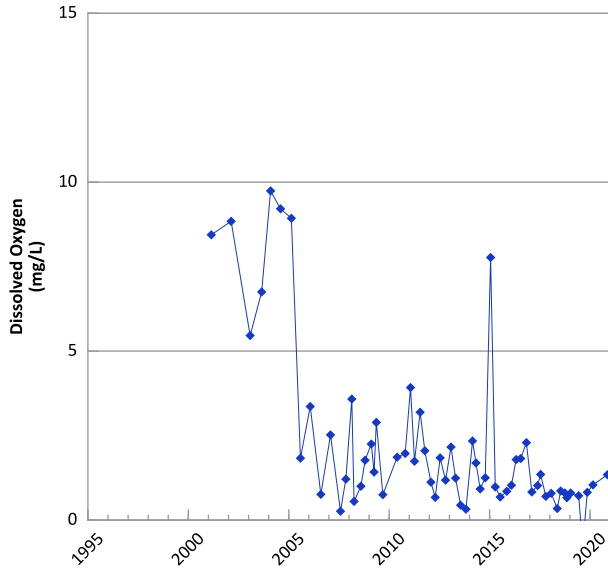
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 11/03/2020 to 11/03/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location

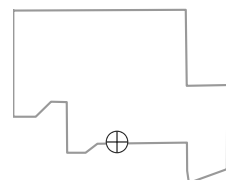


**PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



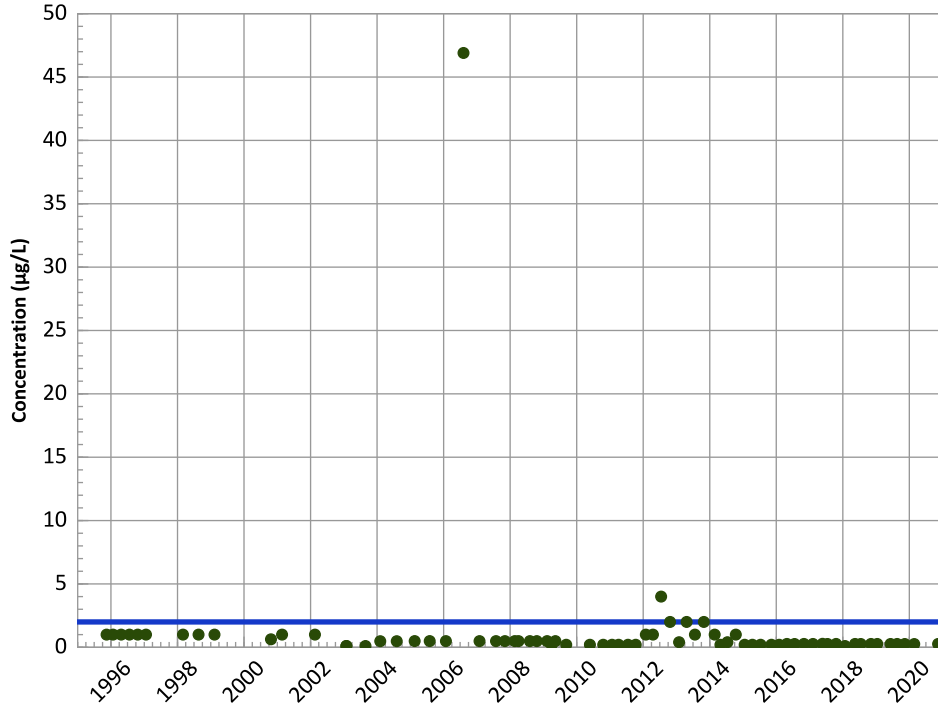
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/14/1995 to 11/12/2020
 Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

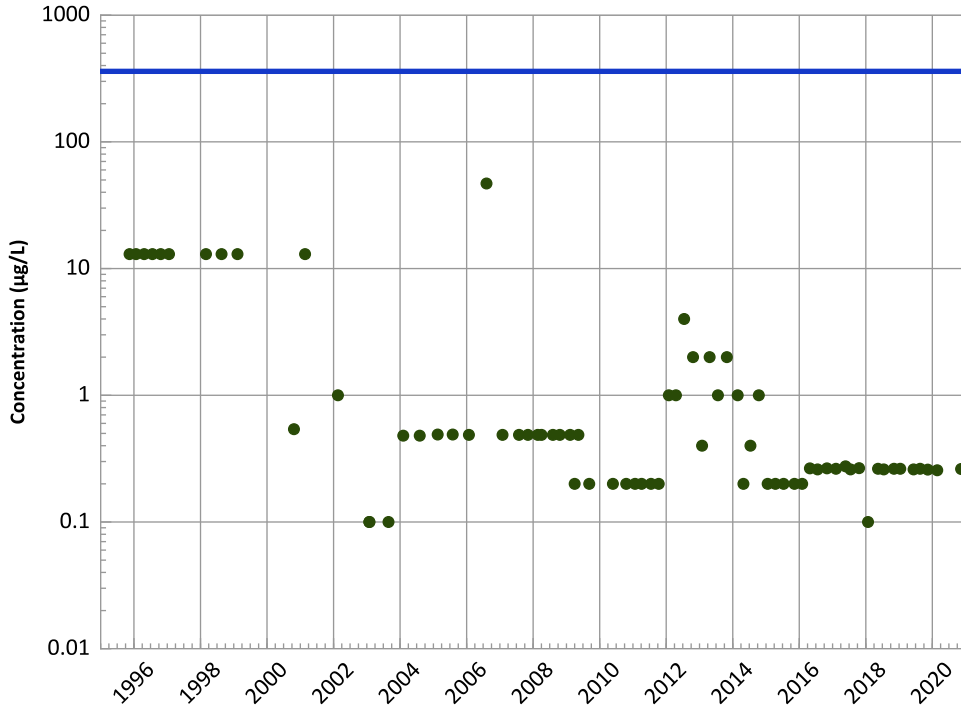
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

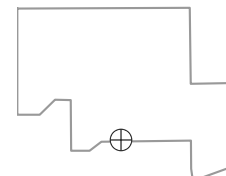
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

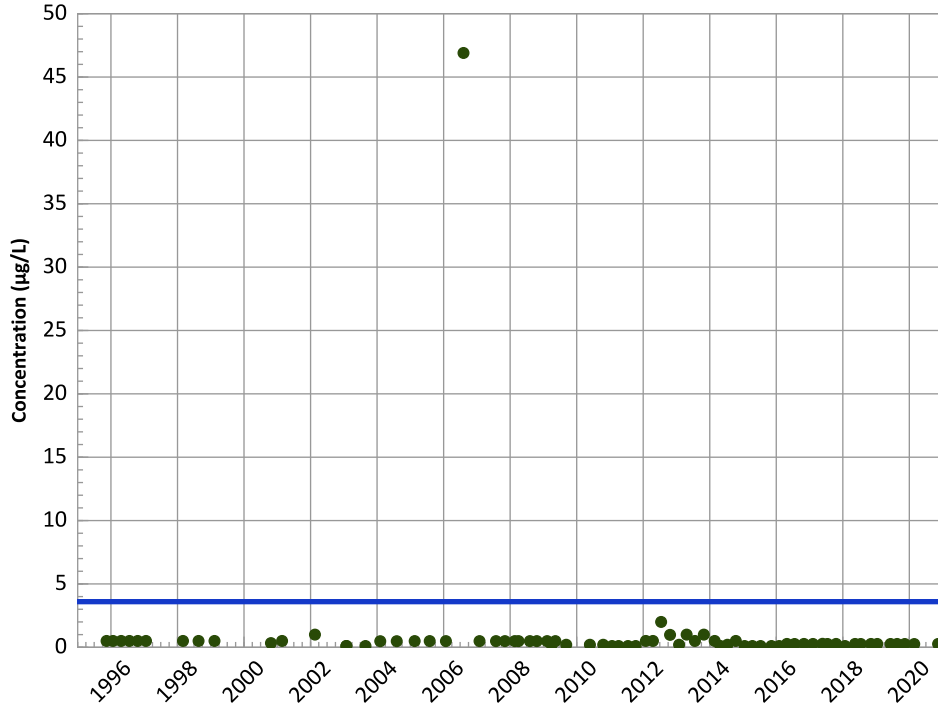
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

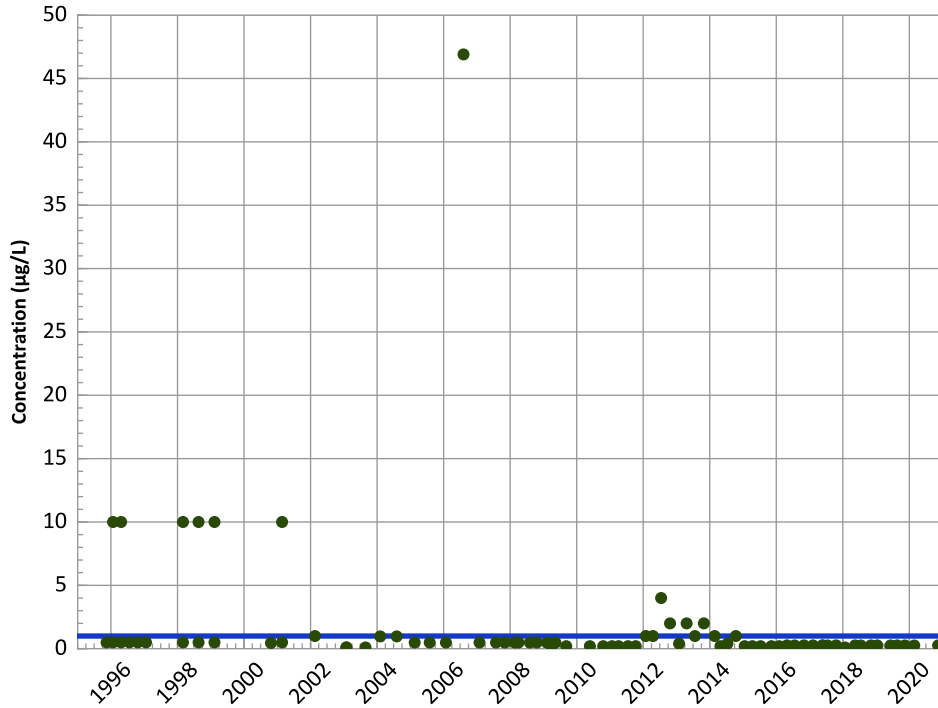
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

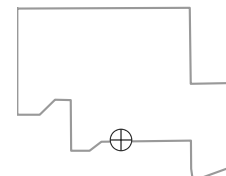
All Data:

All Non-Detect

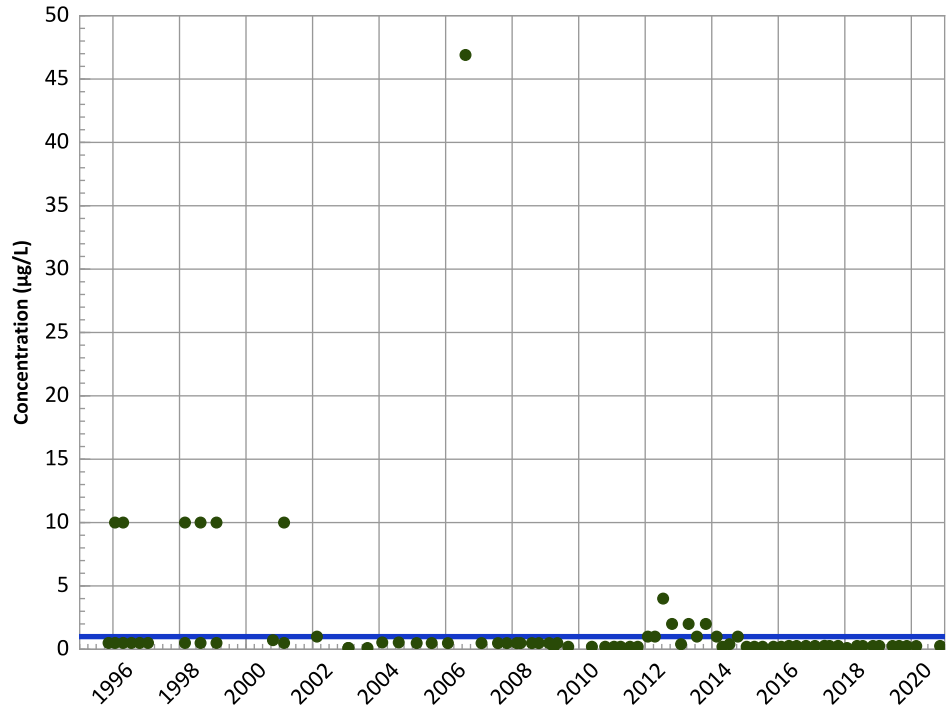
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

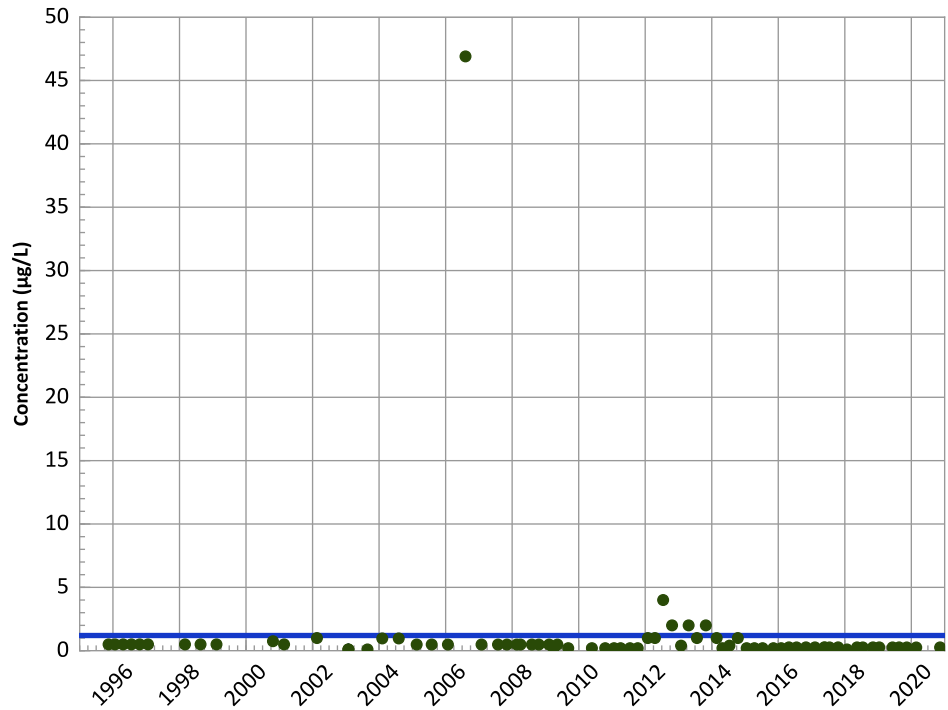
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

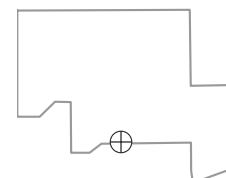
All Data:
All Non-Detect

All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

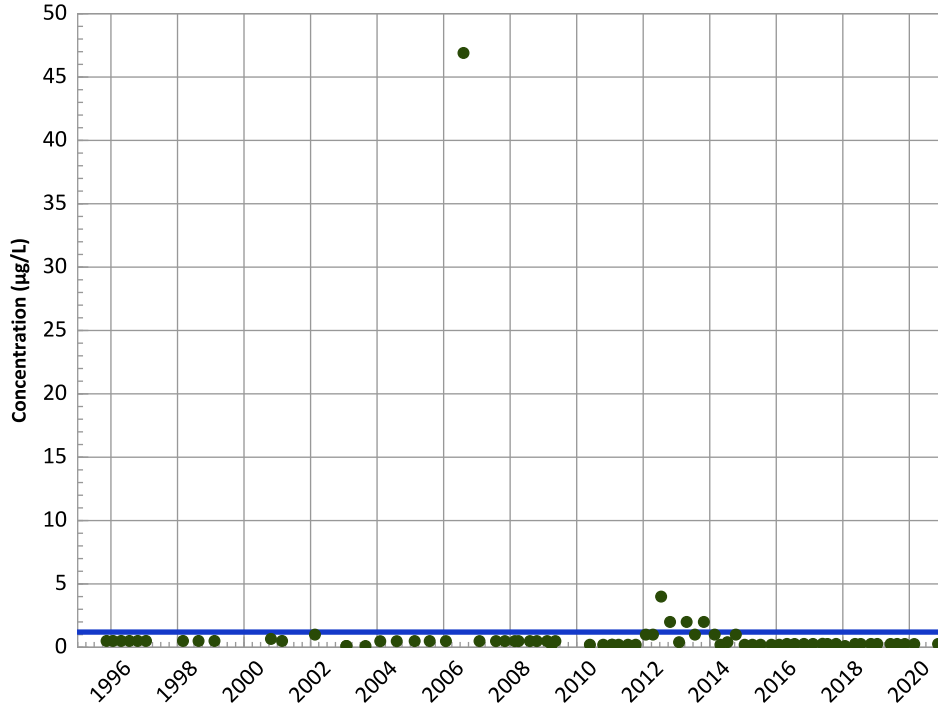
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

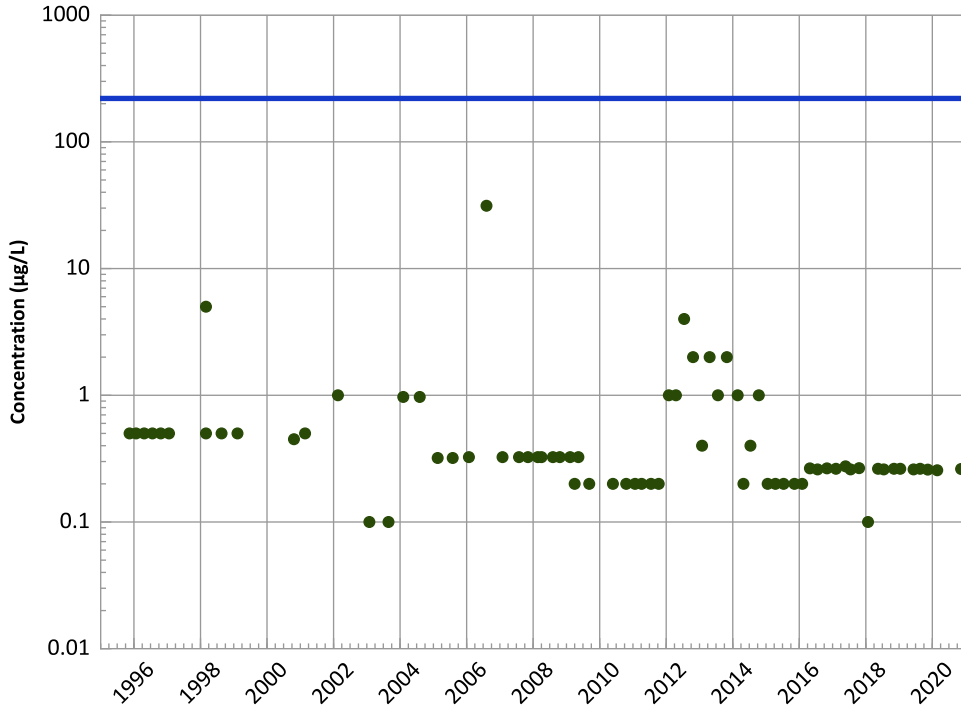
2018 - 2020 Data:

Stable

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

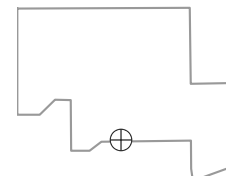
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

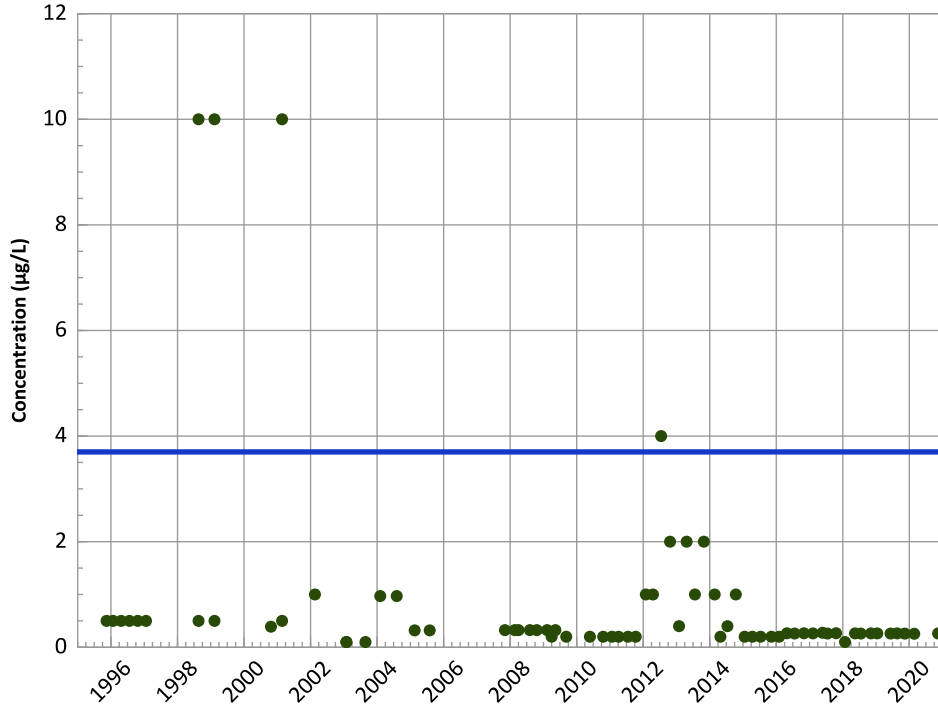
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

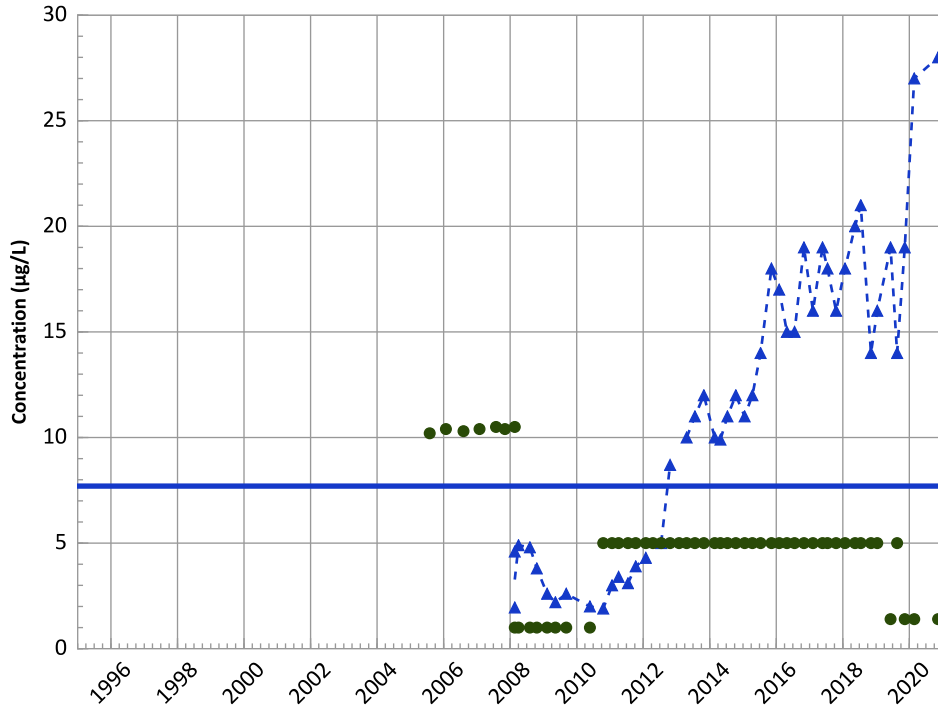
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

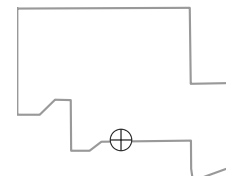
All Data:

Increasing

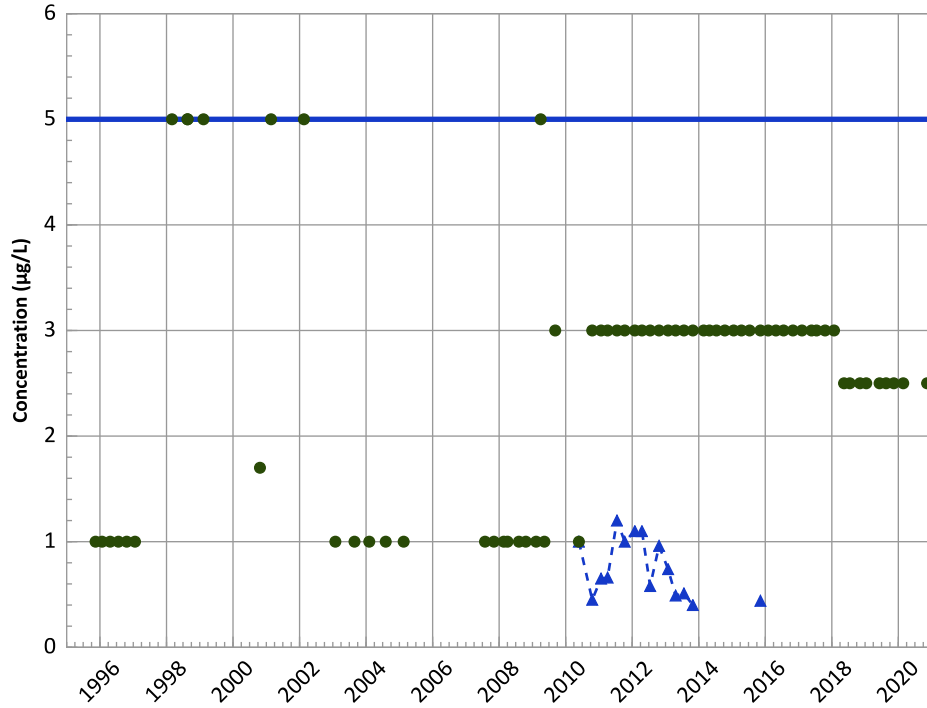
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Increasing

MAROS Linear Regression Method

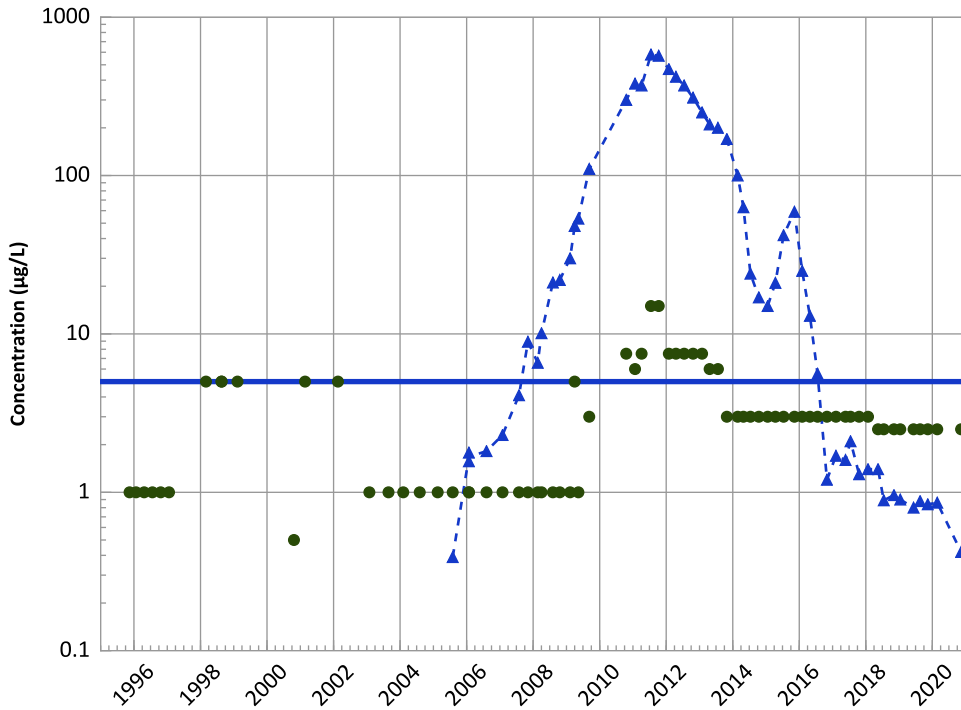
2018 - 2020 Data:

Stable

All Data:

Decreasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

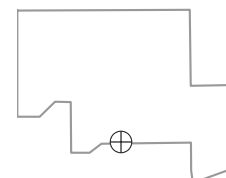
2018 - 2020 Data:

Stable

All Data:

Decreasing

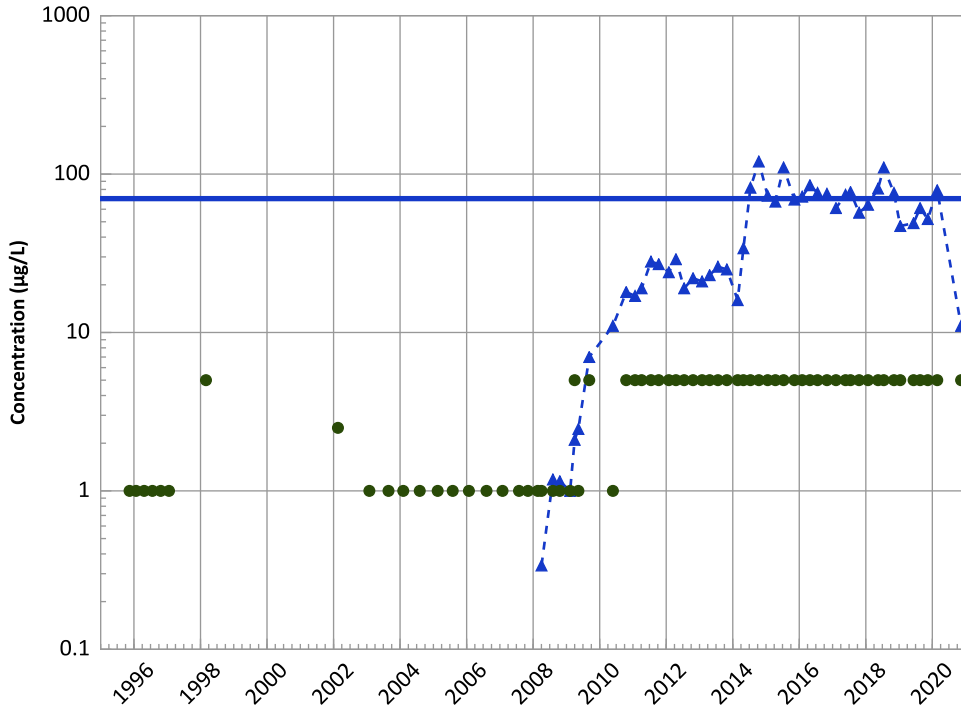
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

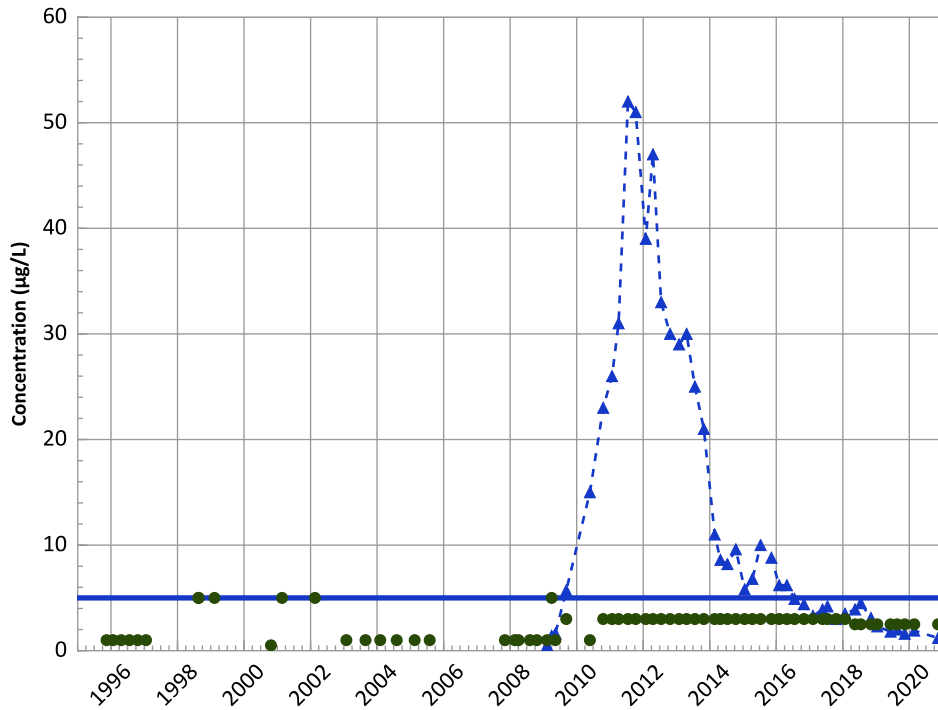
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

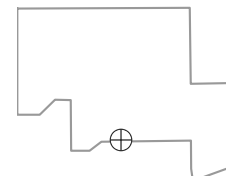
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

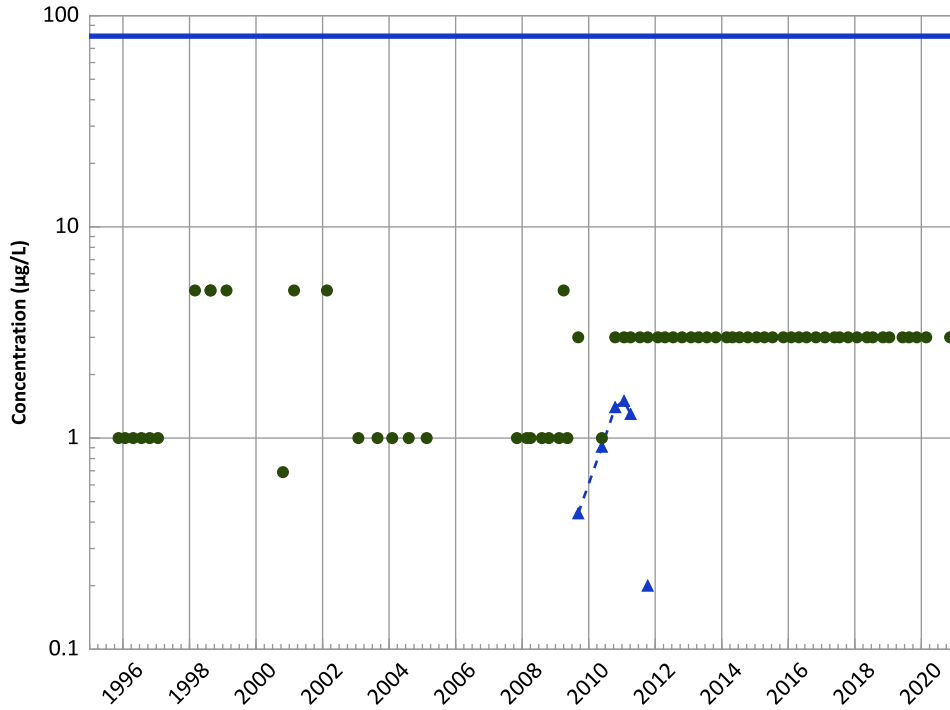
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1012 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Chloroform Trend

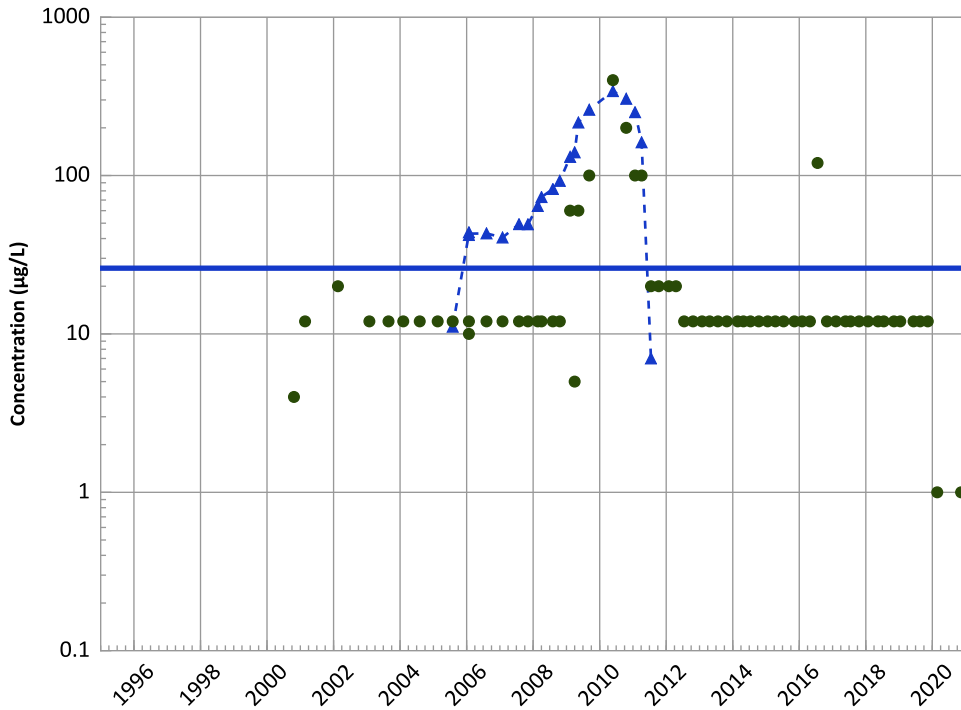


Concentration Trend

MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Increasing

MAROS Linear Regression Method
 2018 - 2020 Data:
 Stable
 All Data:
 Stable

Perchlorate Trend

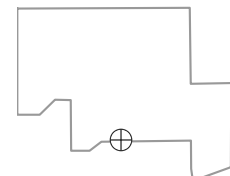


Concentration Trend

MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Decreasing

MAROS Linear Regression Method
 2018 - 2020 Data:
 Probably Decreasing
 All Data:
 Increasing

Well Location

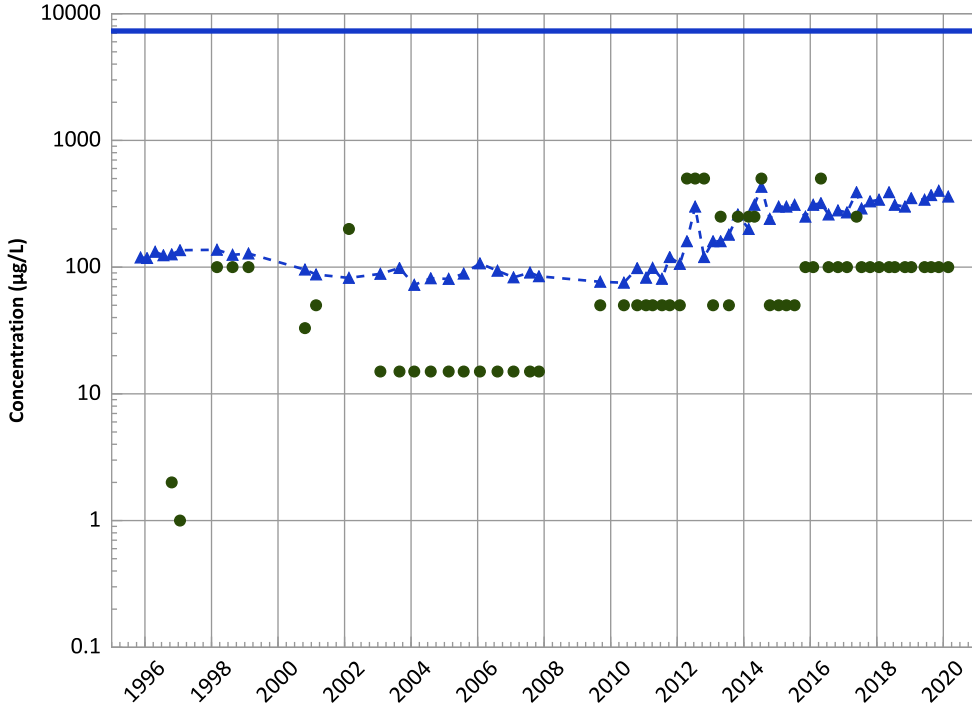


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/14/1995 to 11/12/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

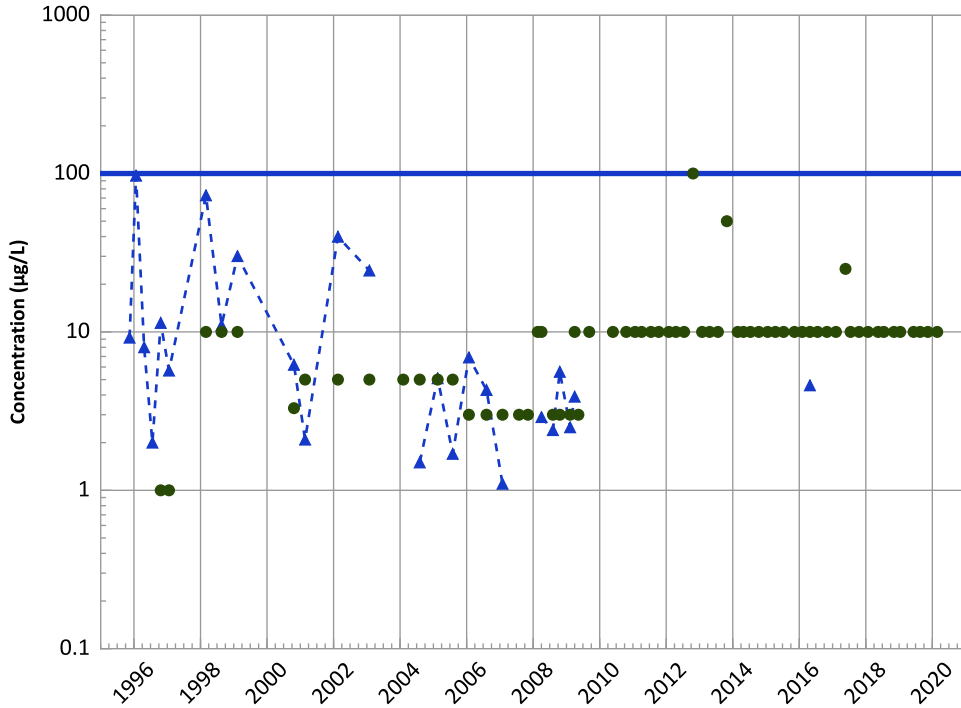
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

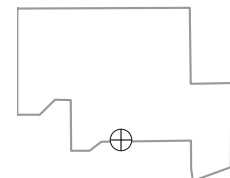
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

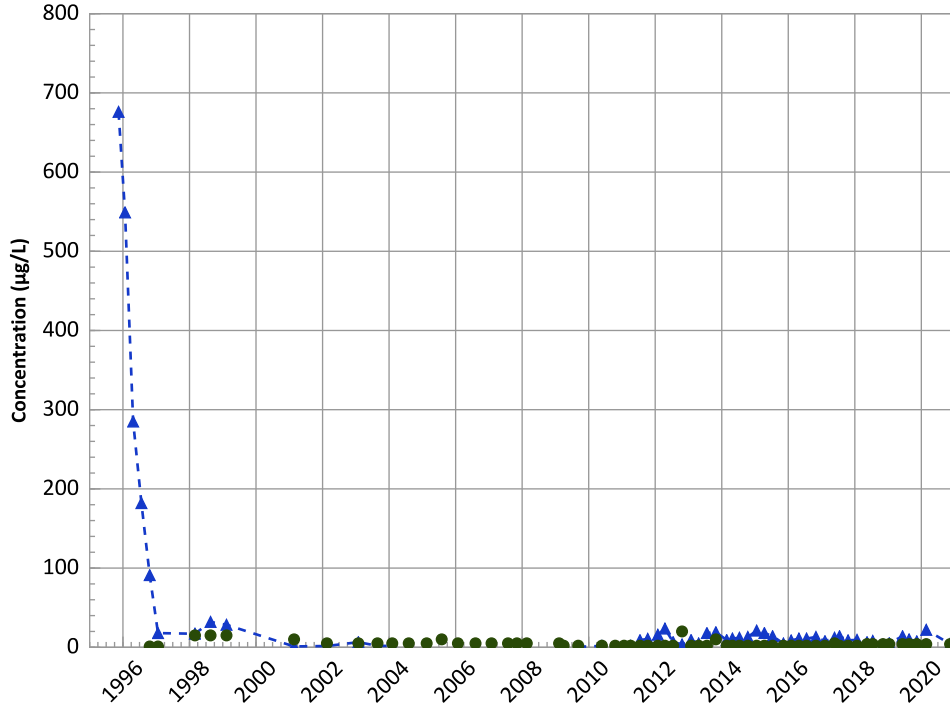
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

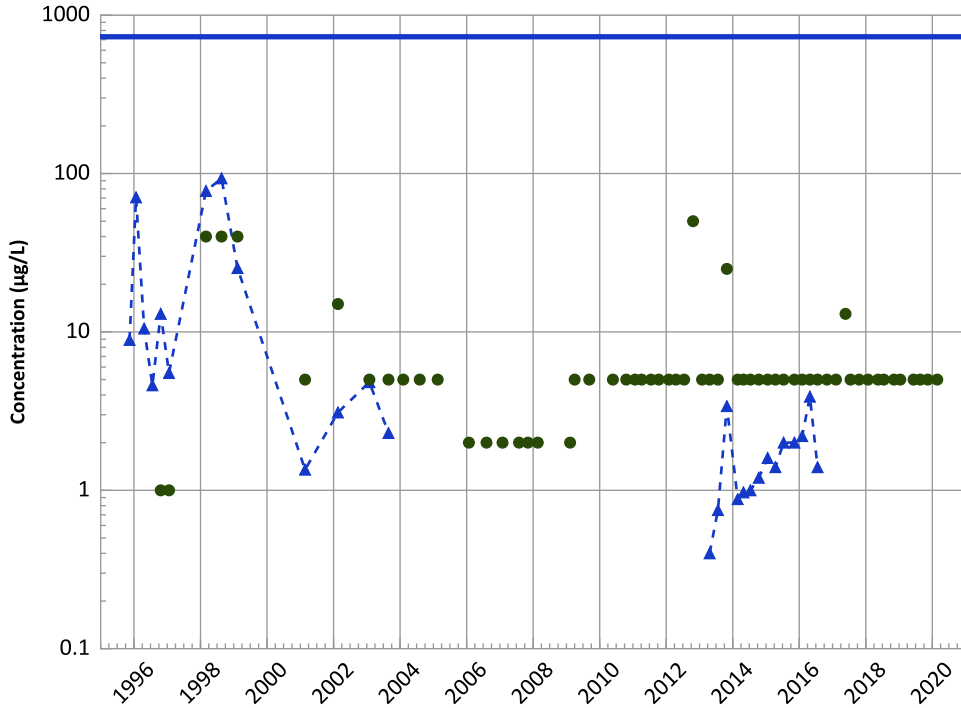
2018 - 2020 Data:

Stable

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

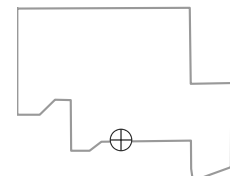
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

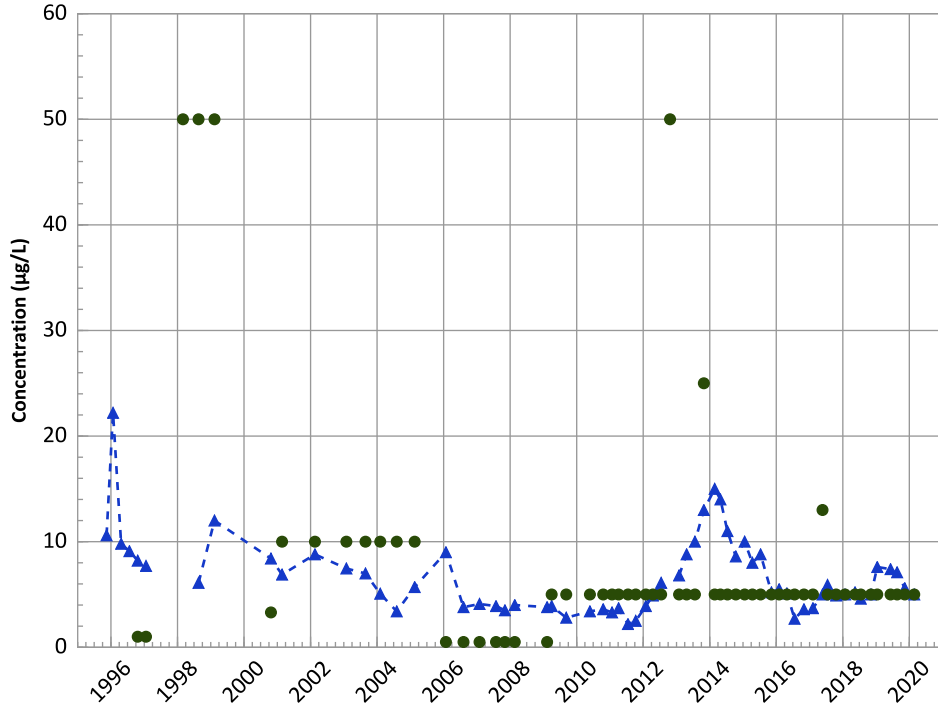
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

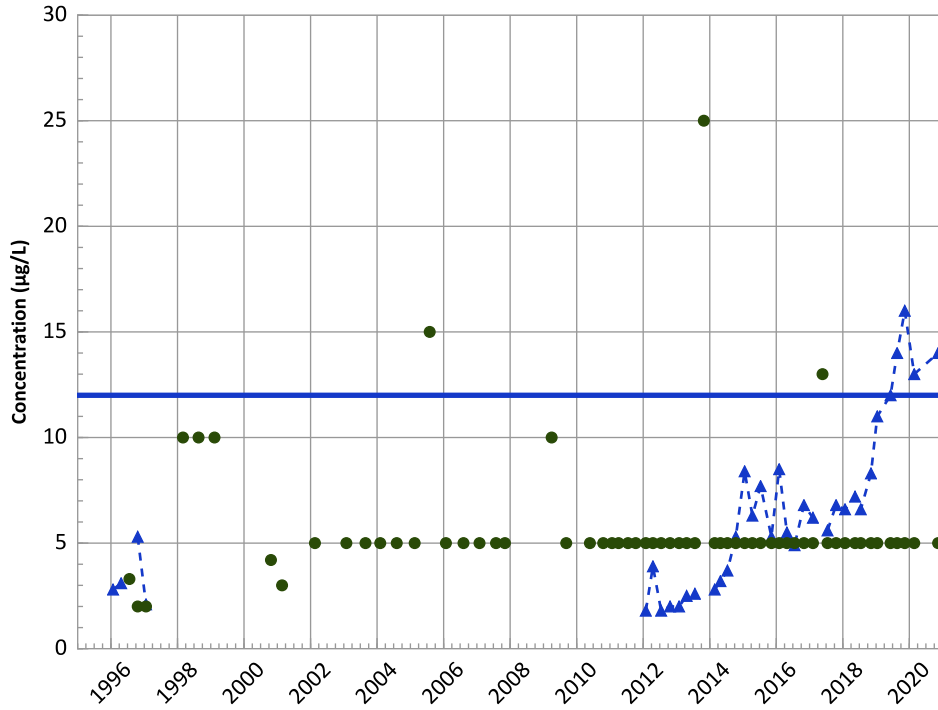
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

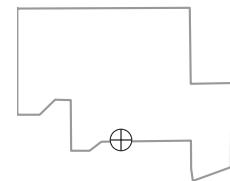
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

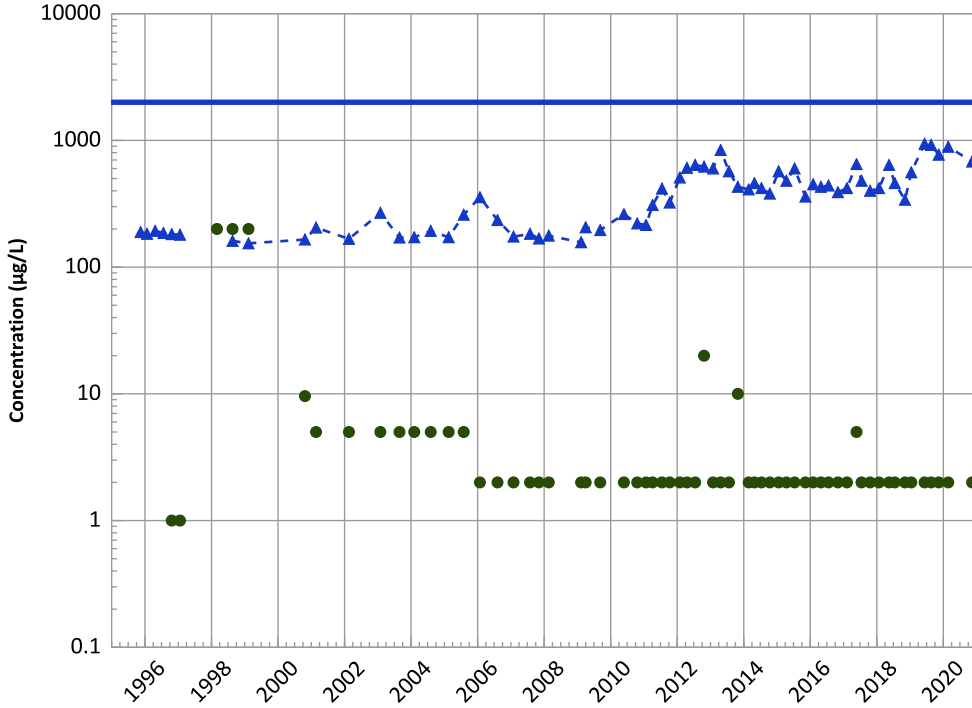


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

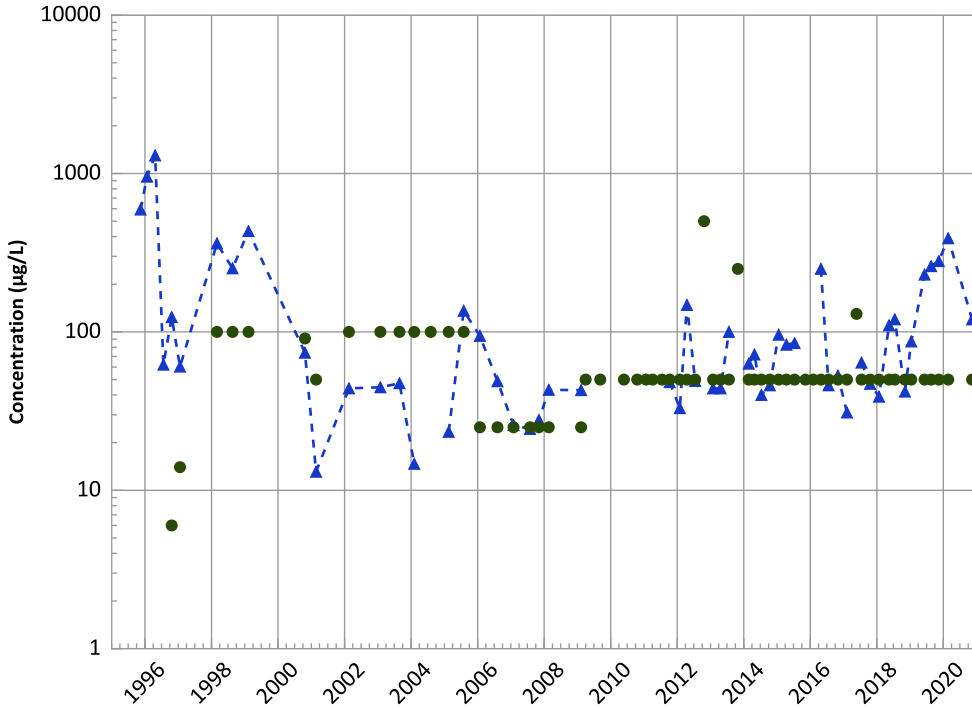
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

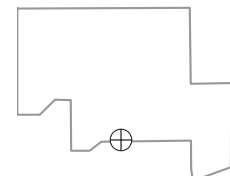
All Data:

No Trend

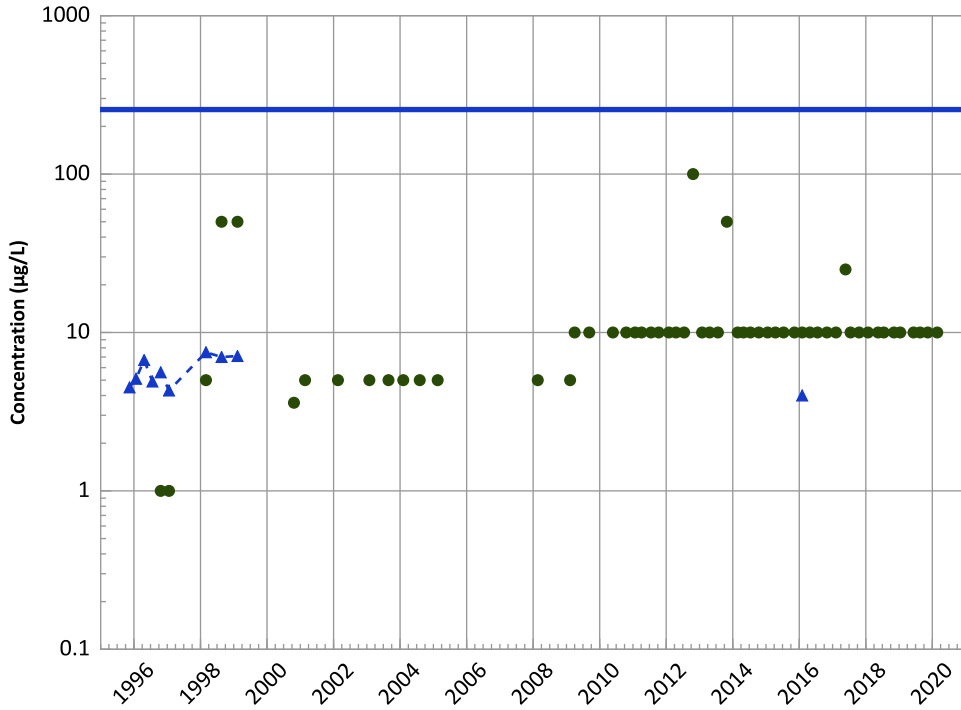
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/14/1995 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend

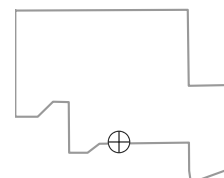


Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Increasing
 MAROS Linear Regression Method
 2018 - 2020 Data:
 Probably Increasing
 All Data:
 Decreasing

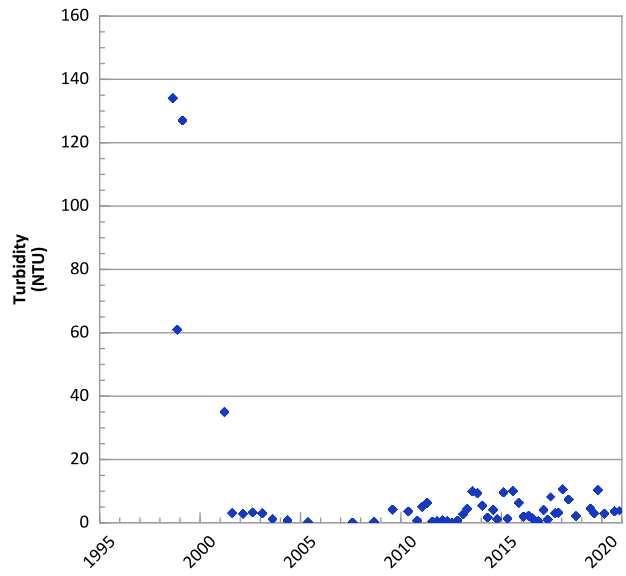
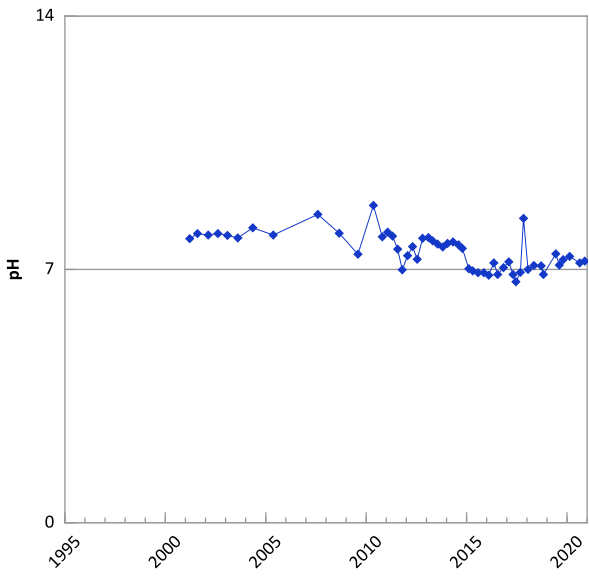
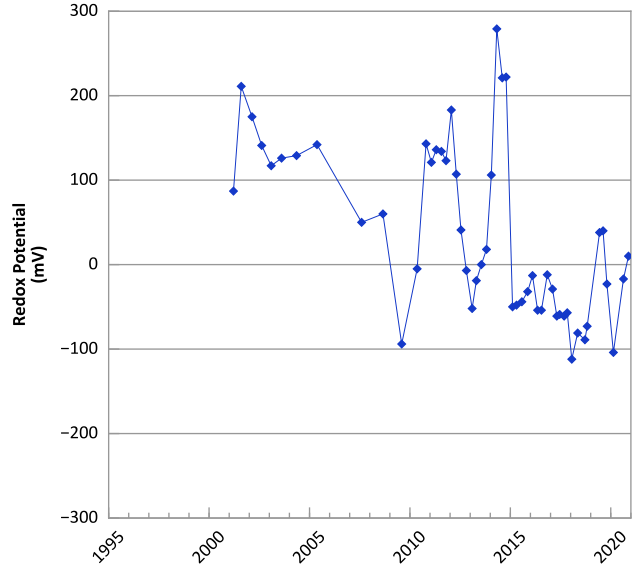
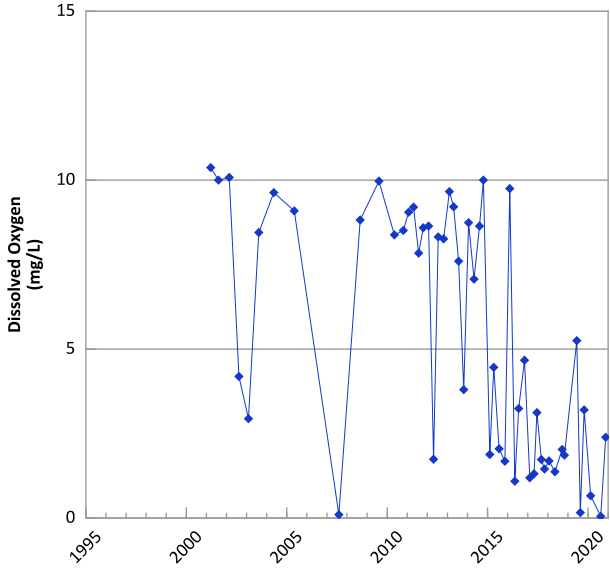
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/14/1995 to 11/12/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

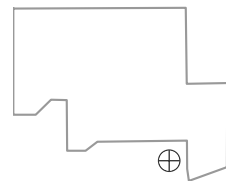


**PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



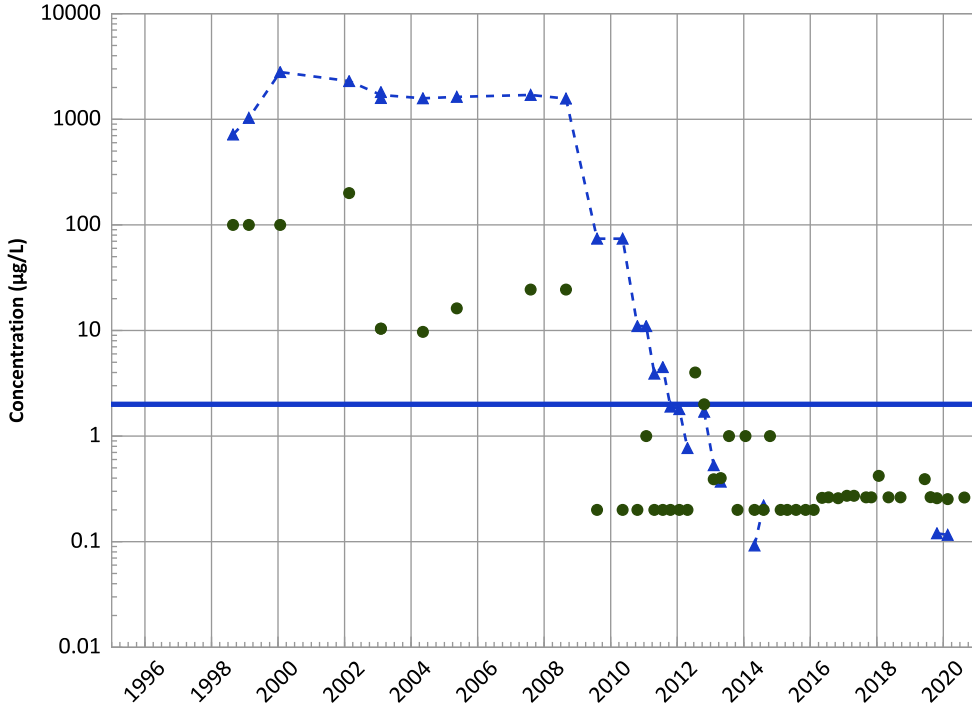
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



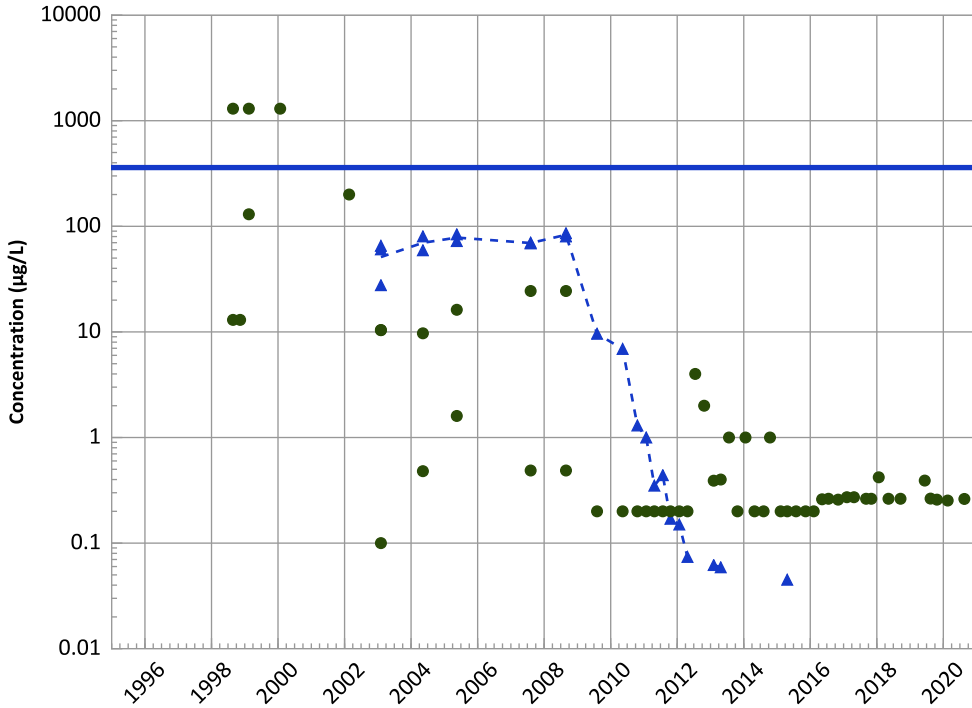
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

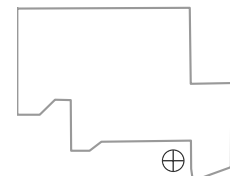
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

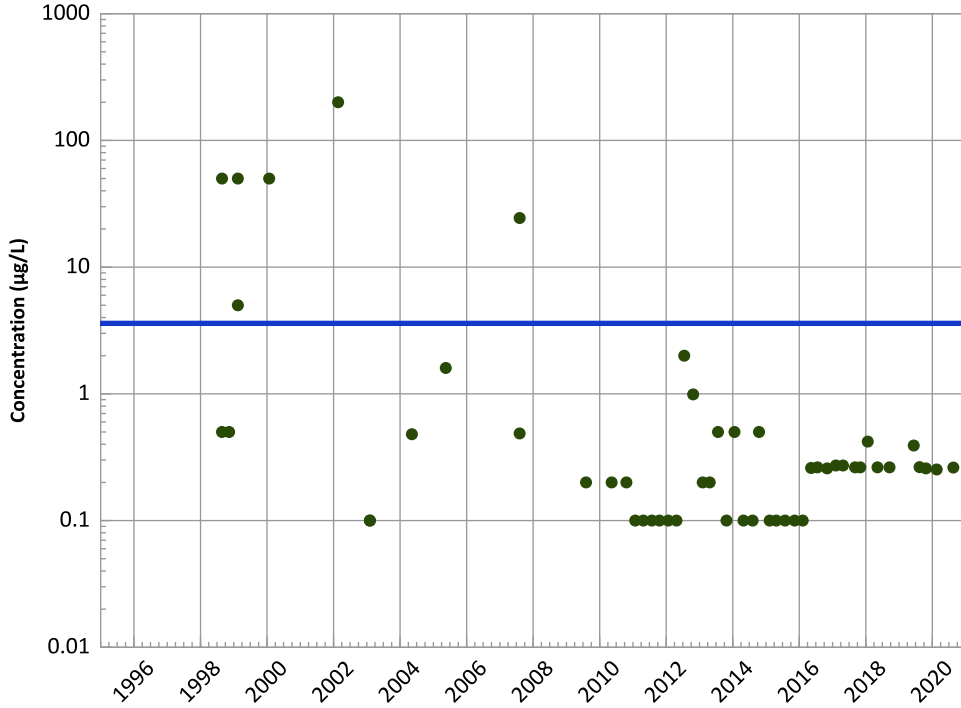
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

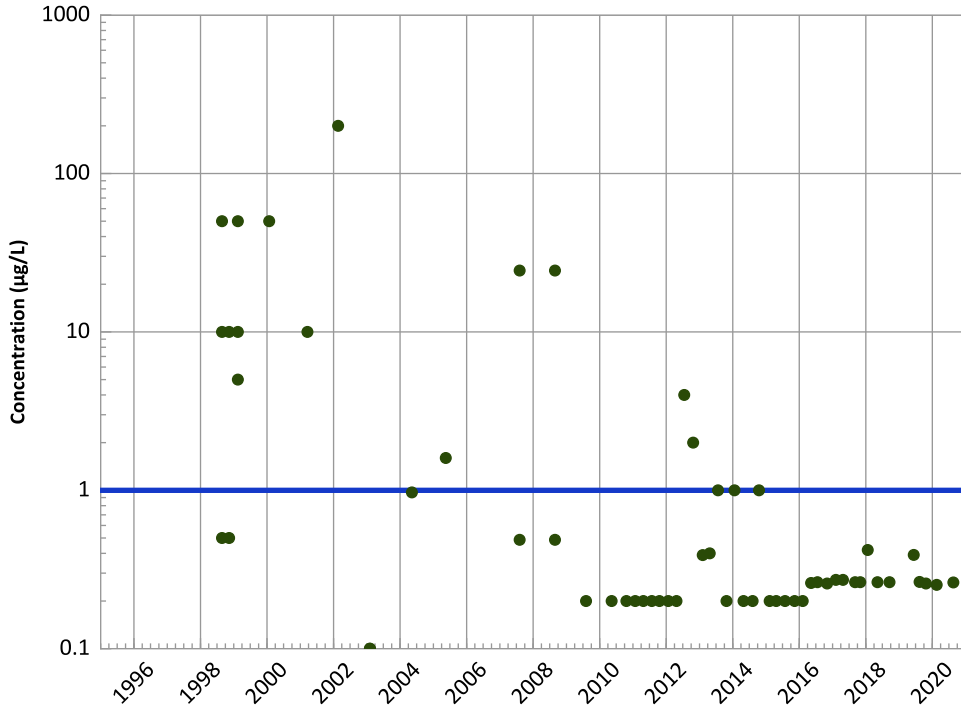
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

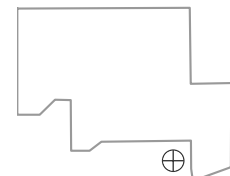
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

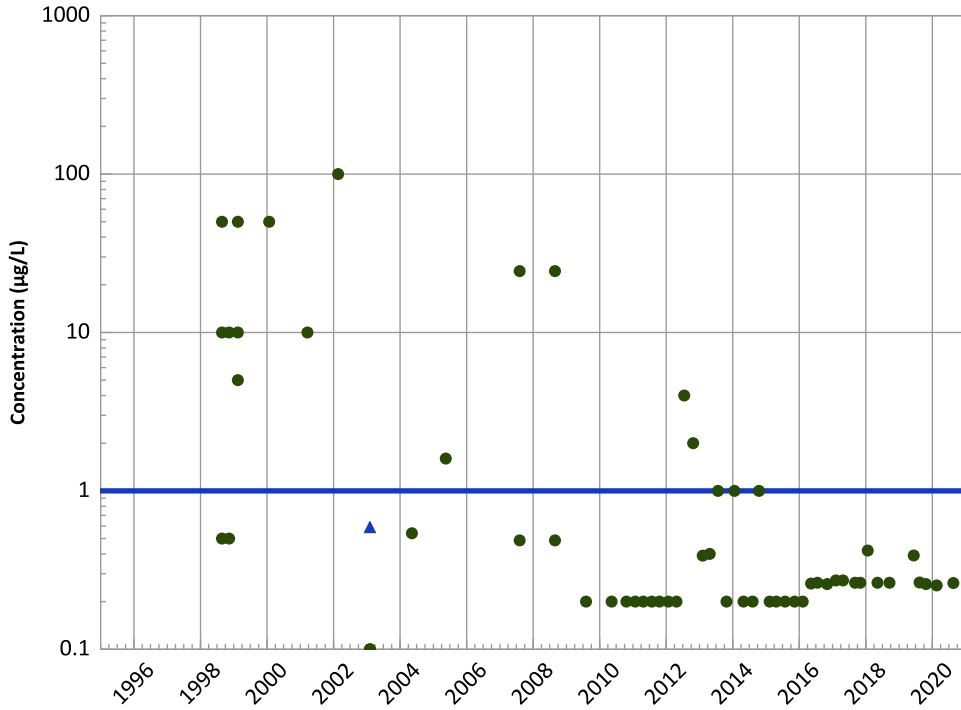
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

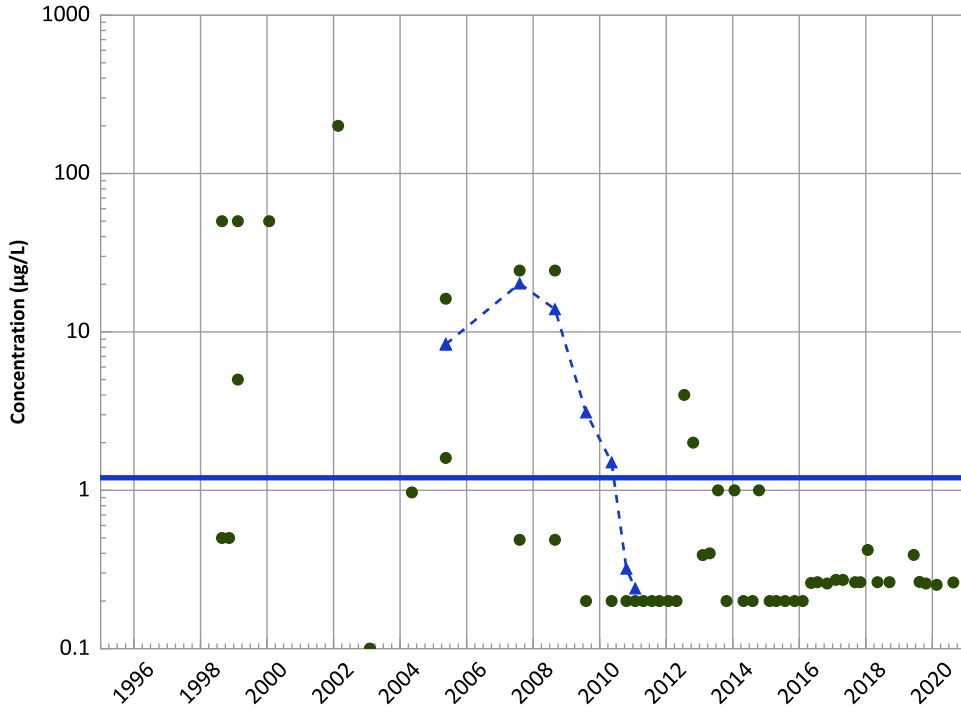


PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



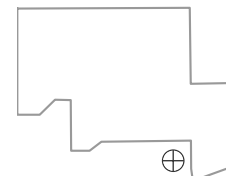
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/25/1998 to 11/18/2020
 Analysis Date: 05/19/2021

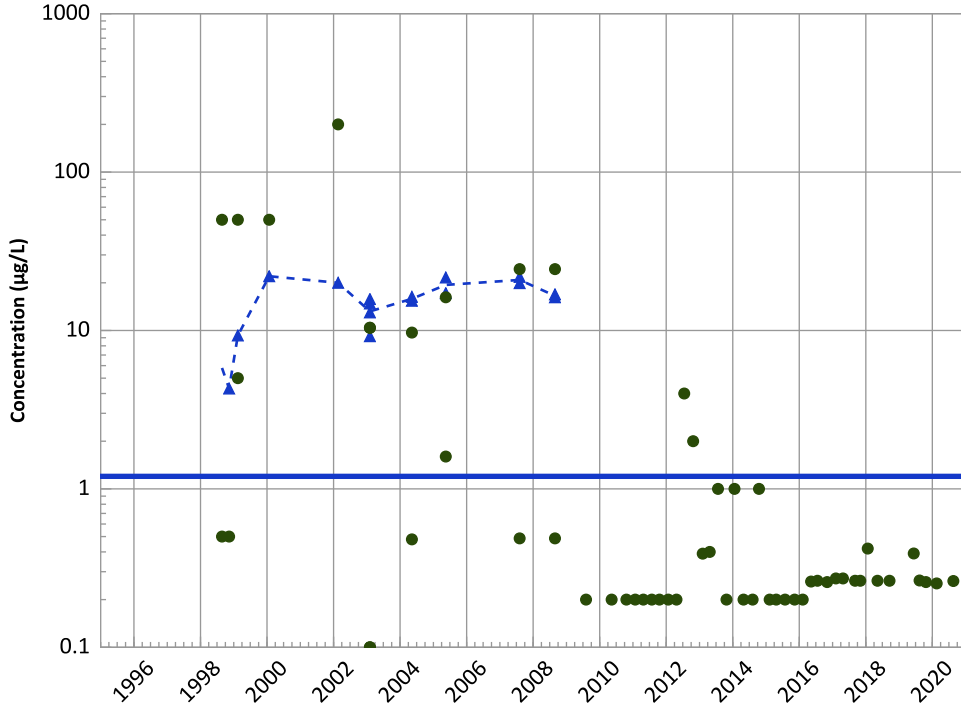
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

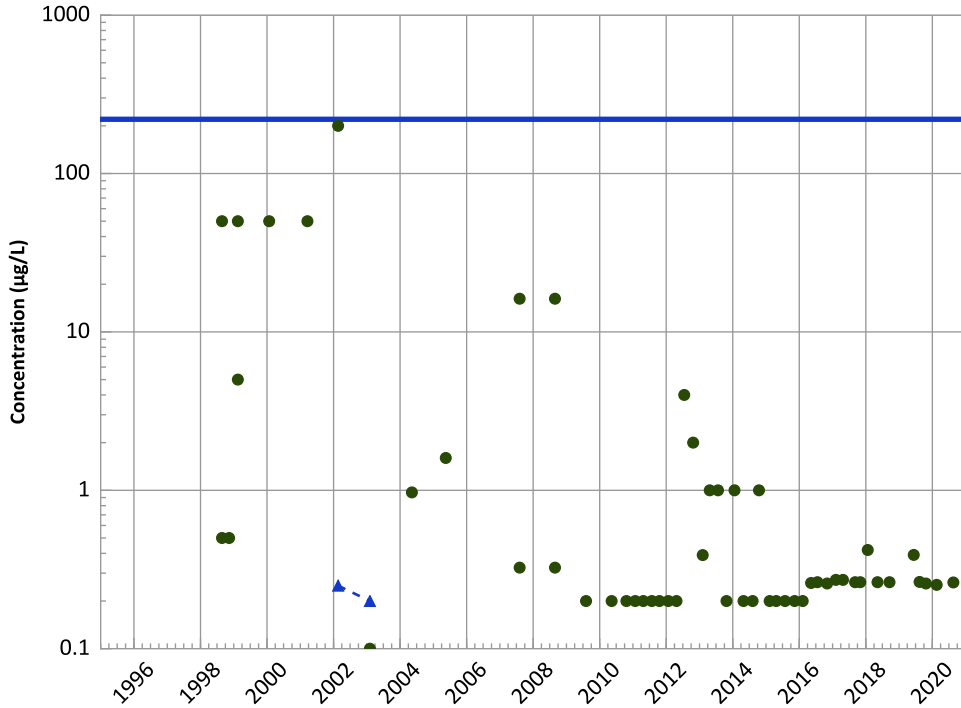
2018 - 2020 Data:

Stable

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

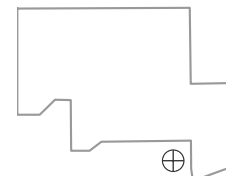
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

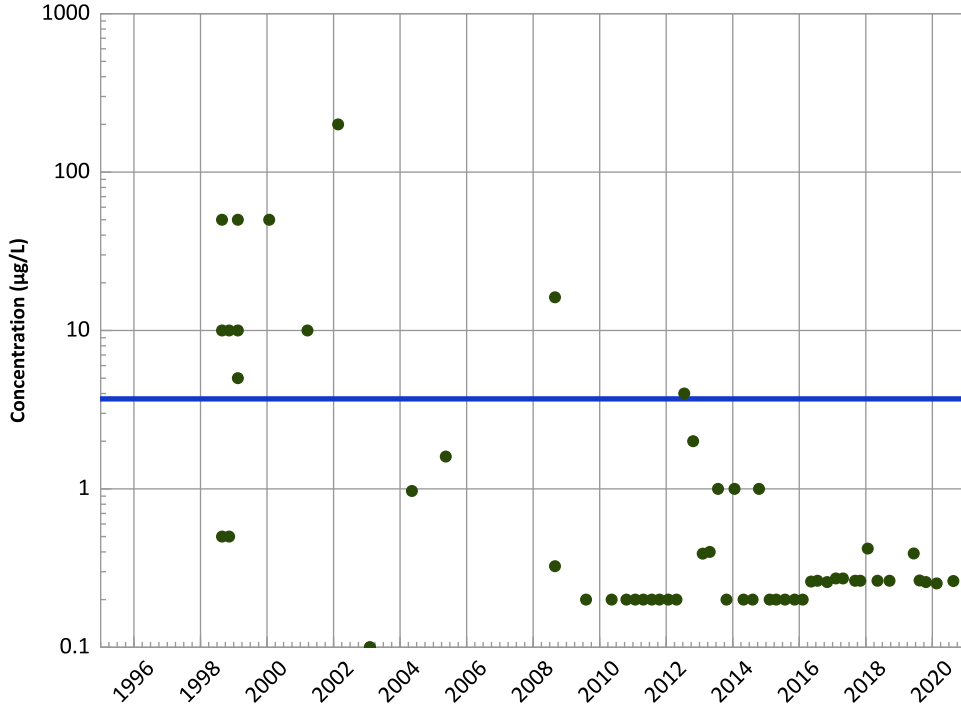
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

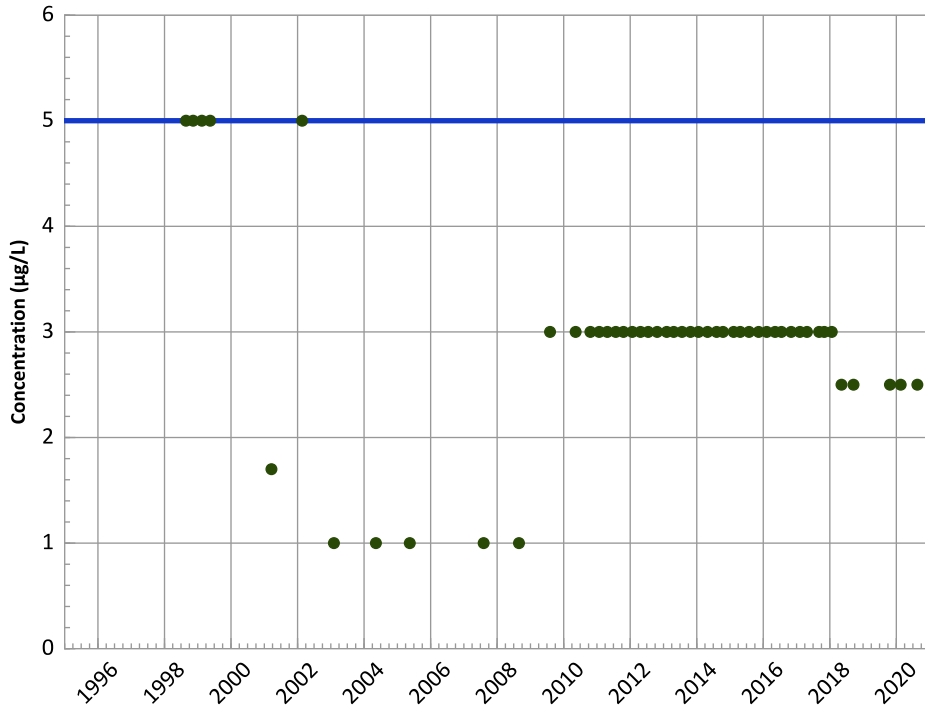
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

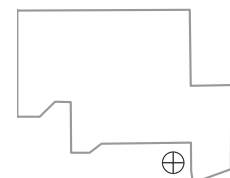
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

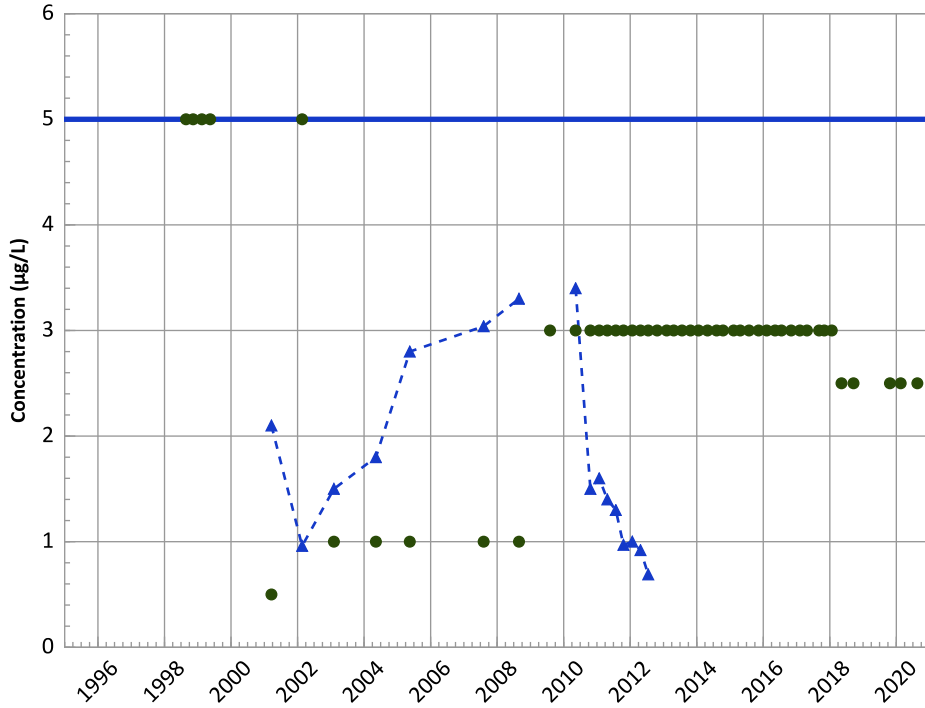
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

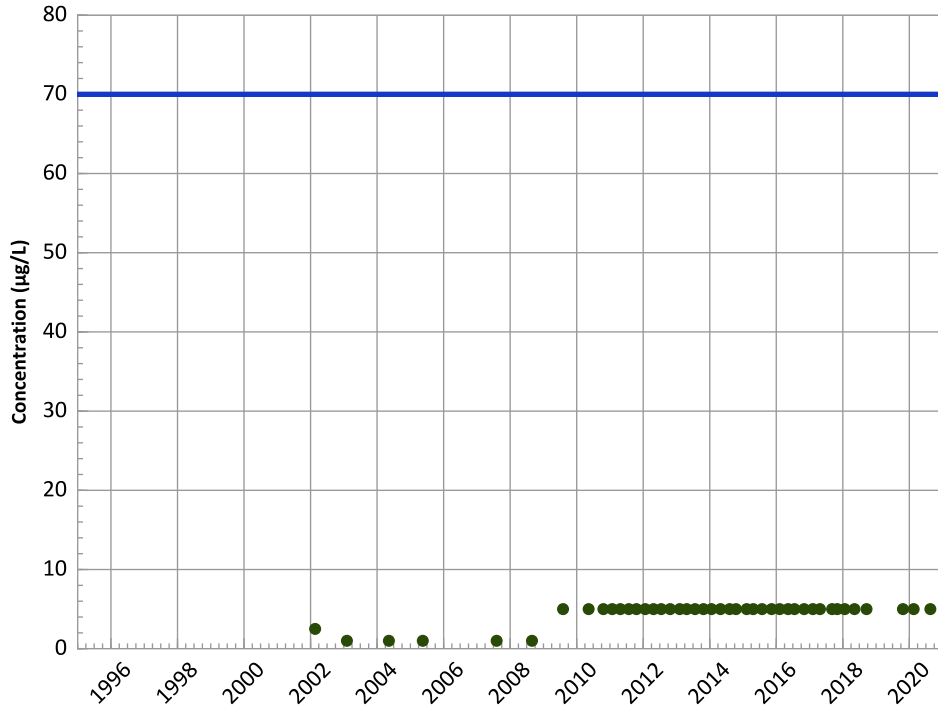
2018 - 2020 Data:

Stable

All Data:

Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

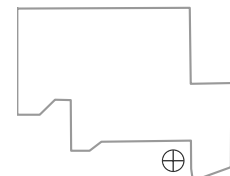
All Data:

All Non-Detect

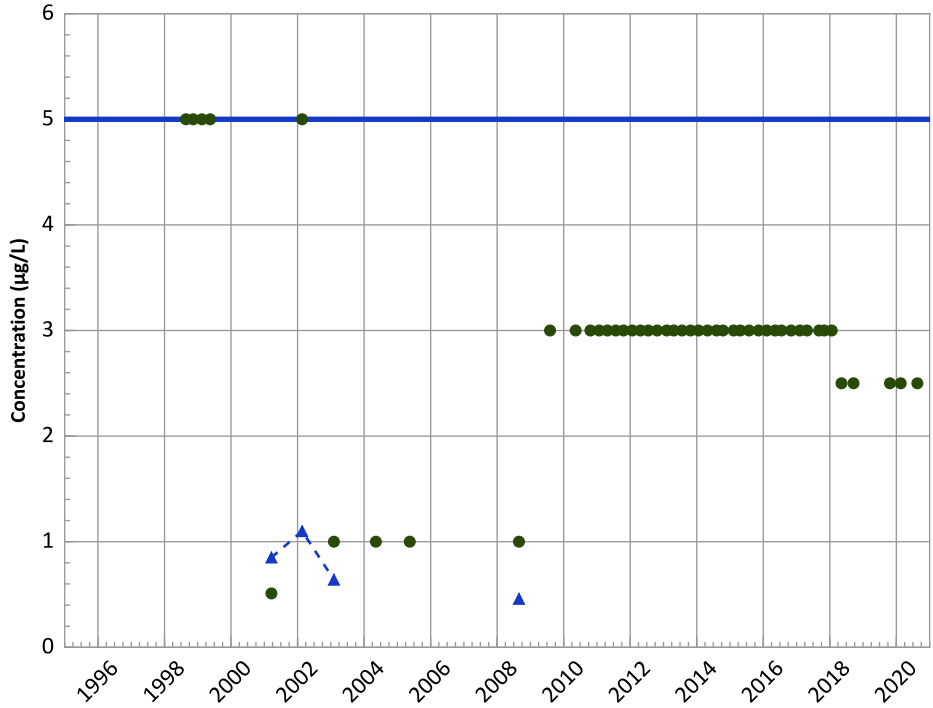
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

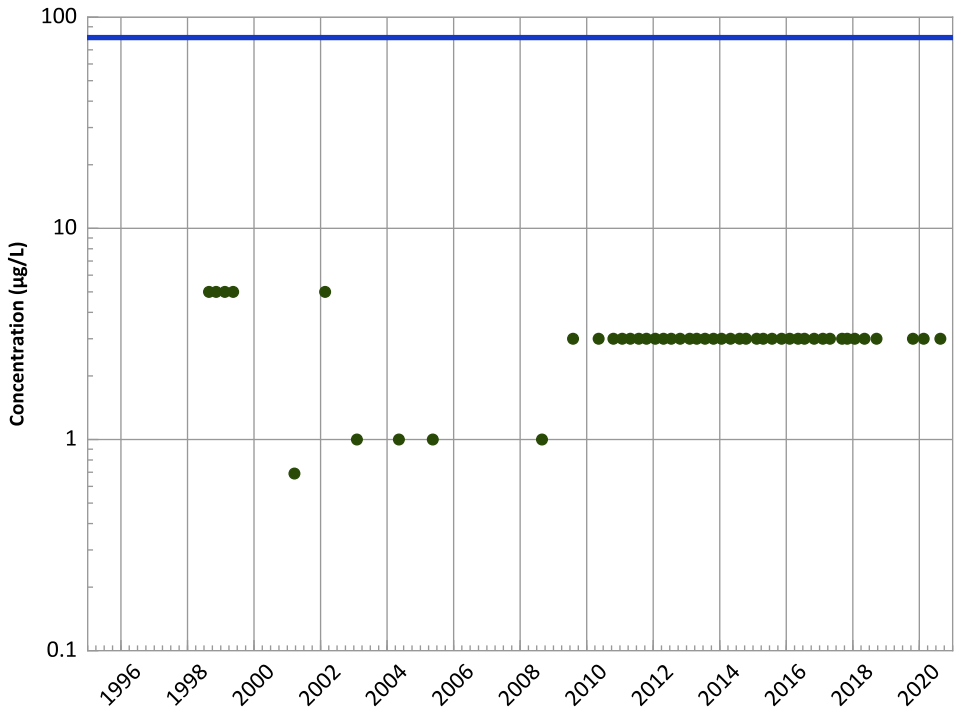
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

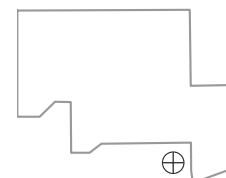
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/25/1998 to 11/18/2020
 Analysis Date: 05/19/2021

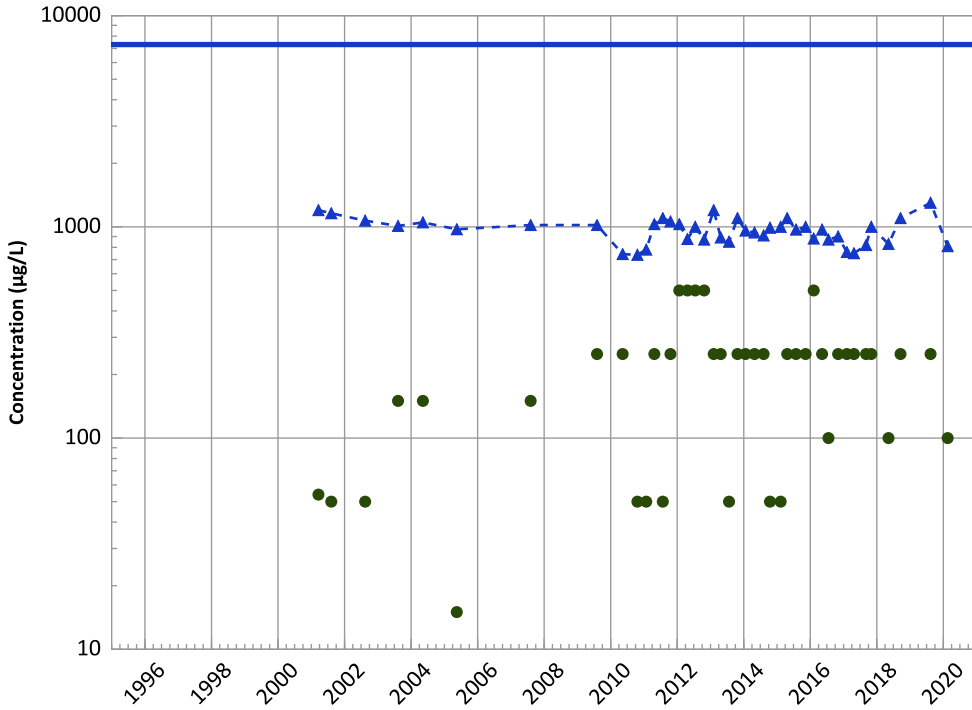
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

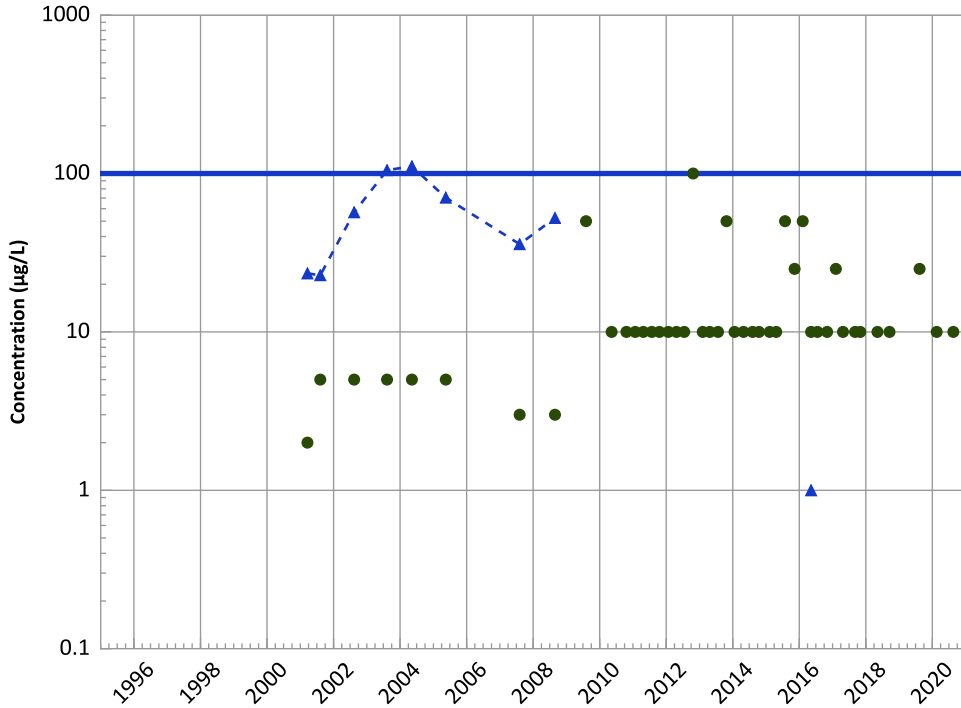


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

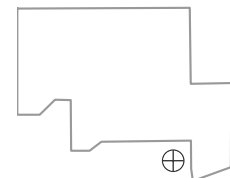
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

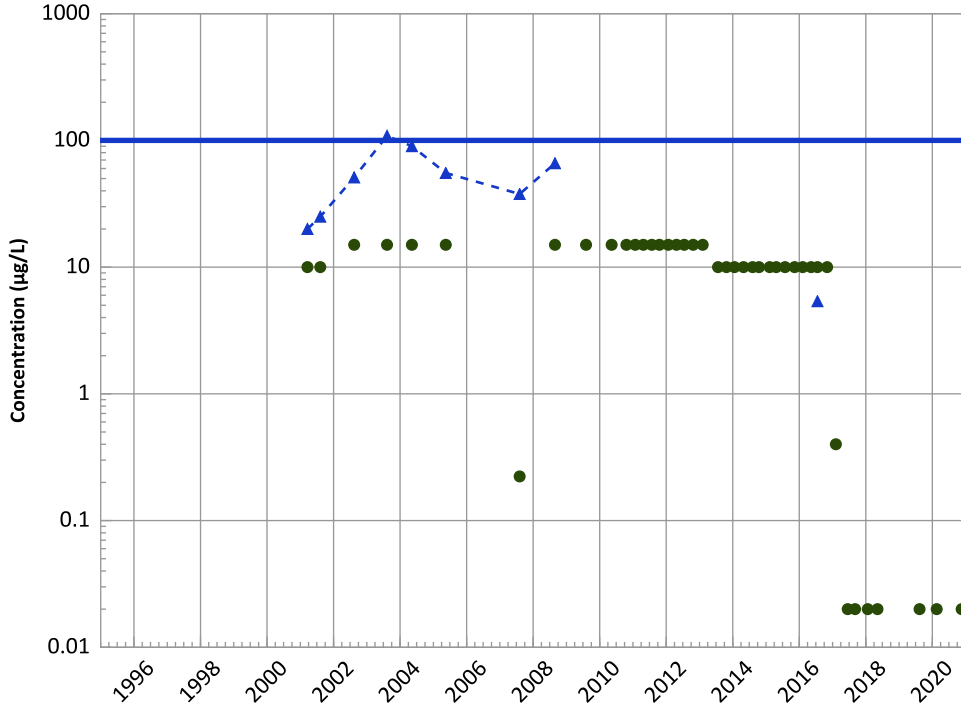
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

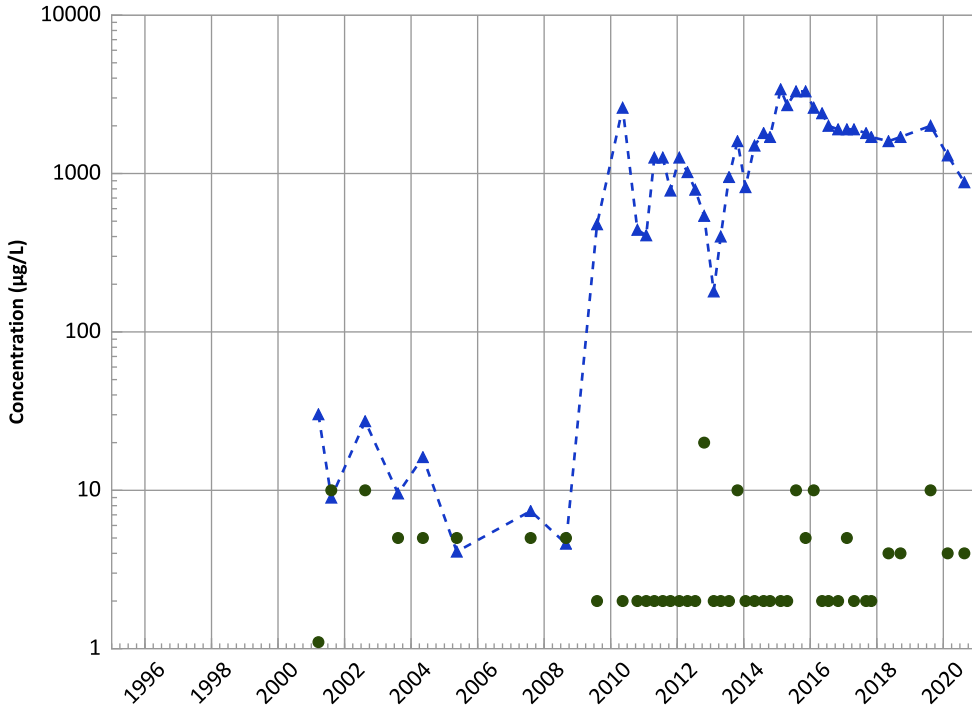
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

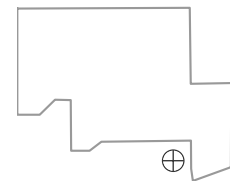
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Well Location

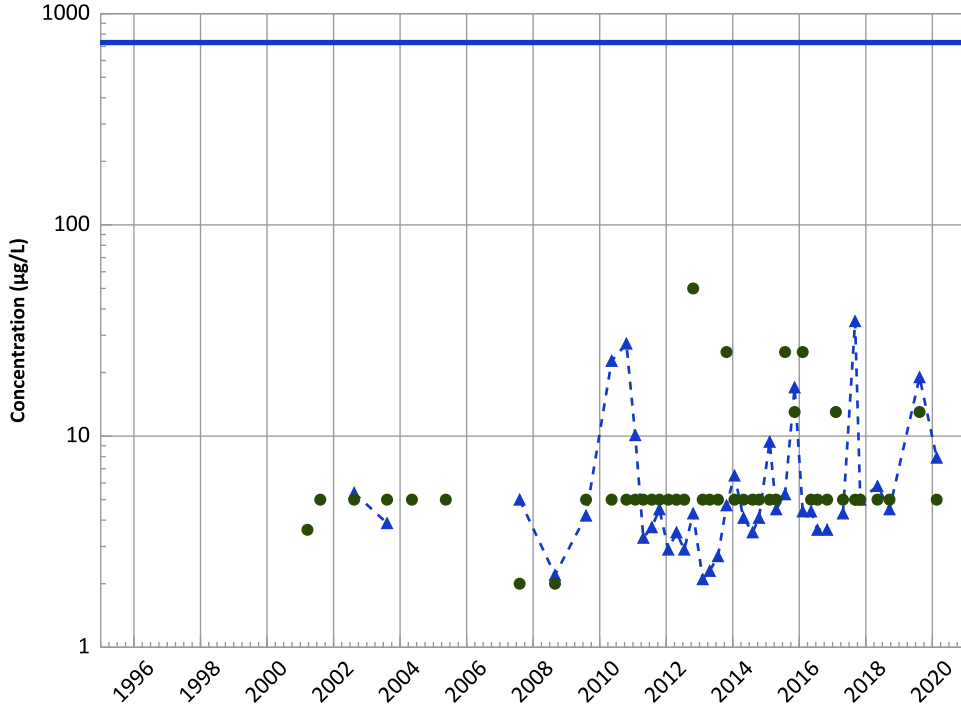


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

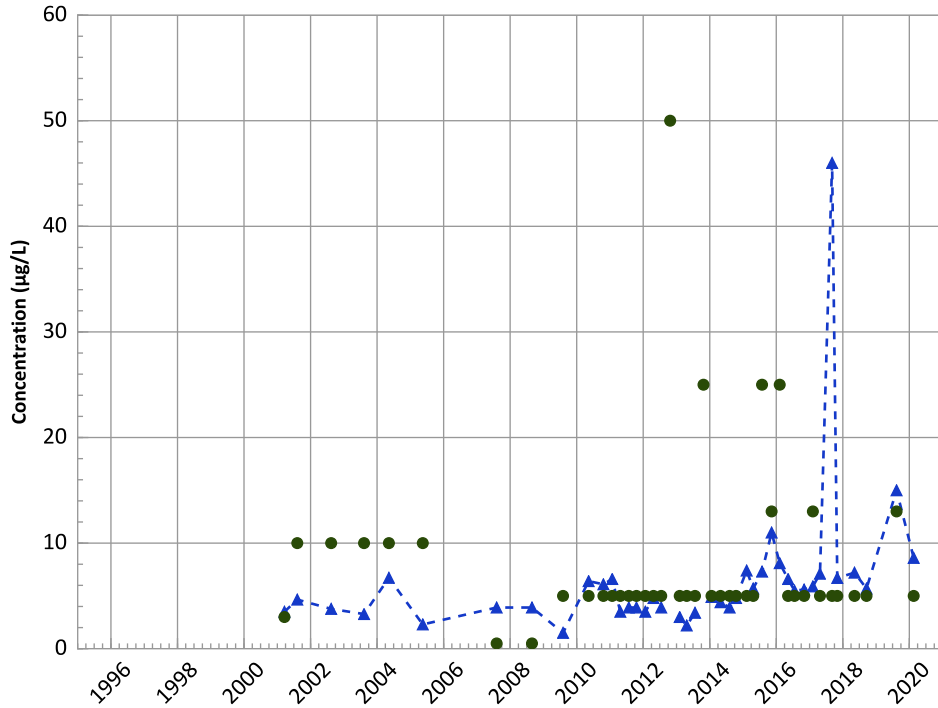
2018 - 2020 Data:

No Trend

All Data:

No Trend

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

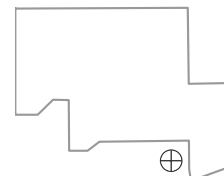
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

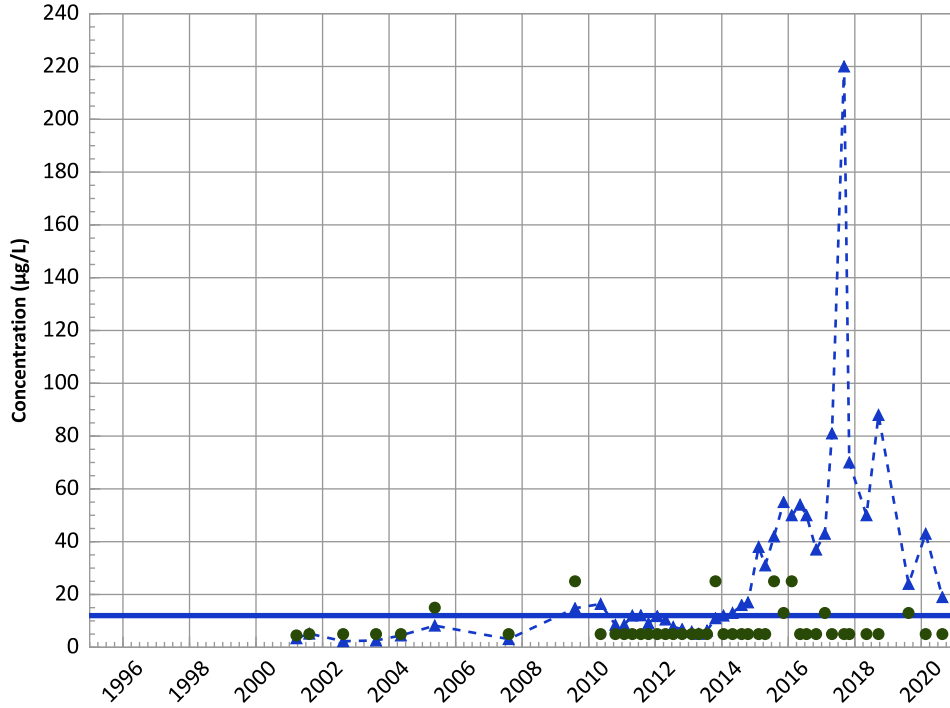
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

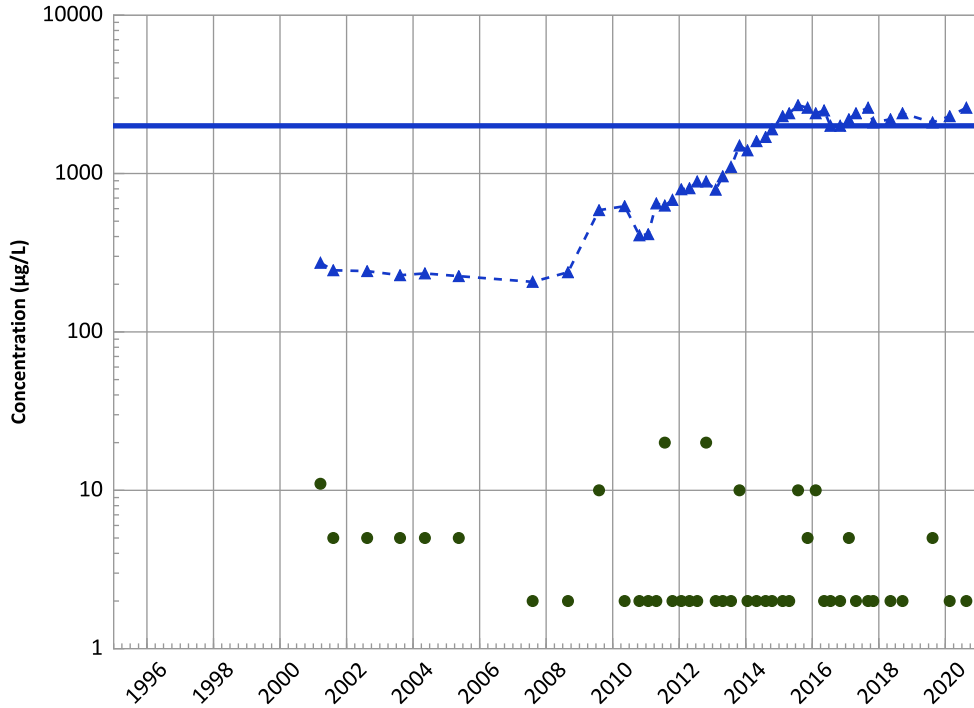
2018 - 2020 Data:

Stable

All Data:

Increasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

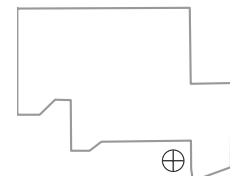
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

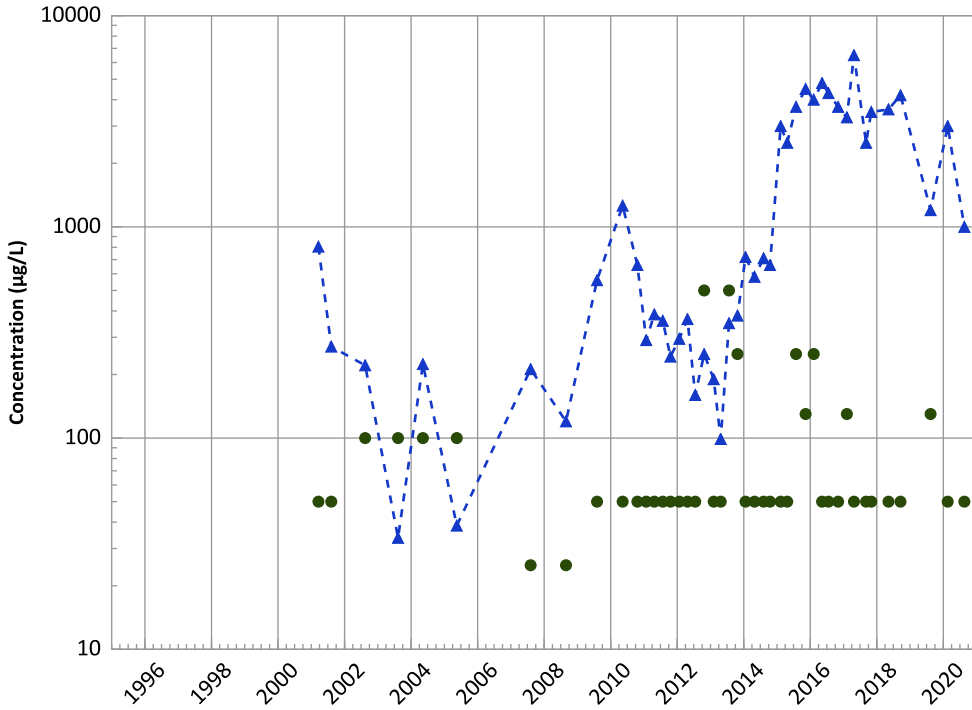
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

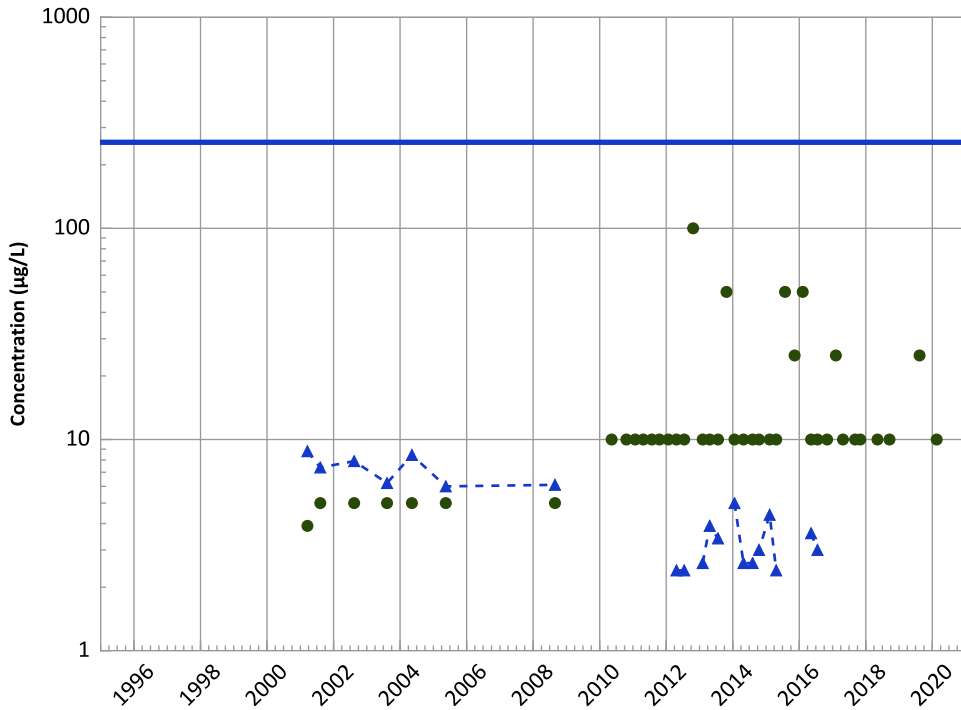
2018 - 2020 Data:

Stable

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

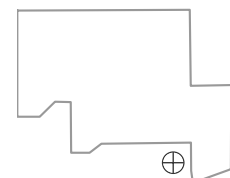
All Data:

Decreasing

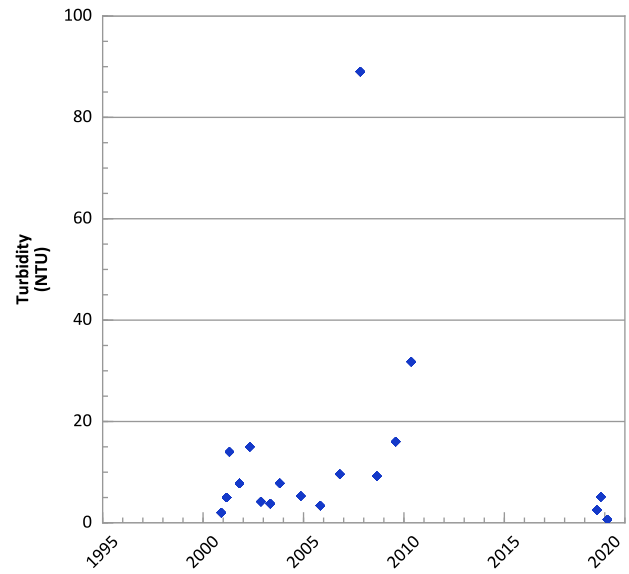
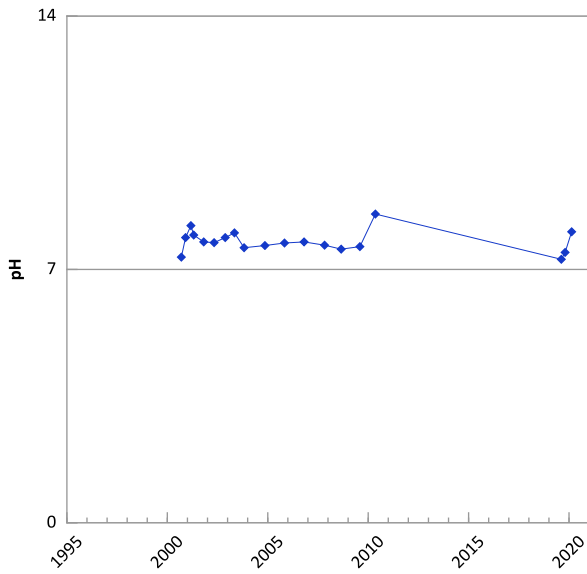
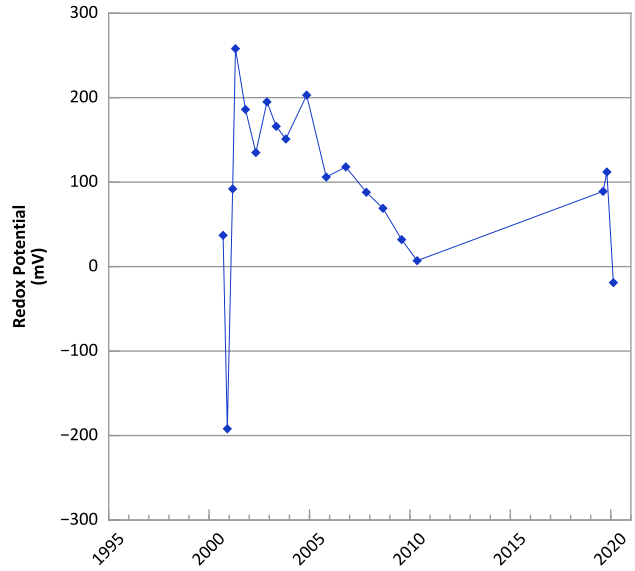
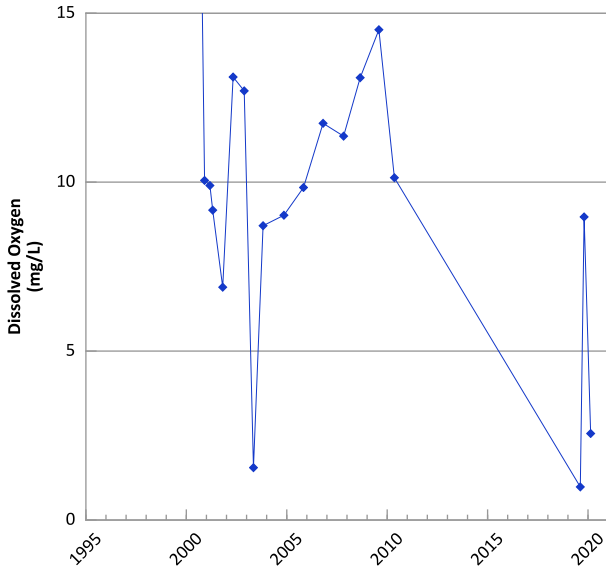
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/25/1998 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

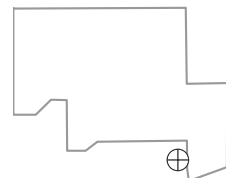


**PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



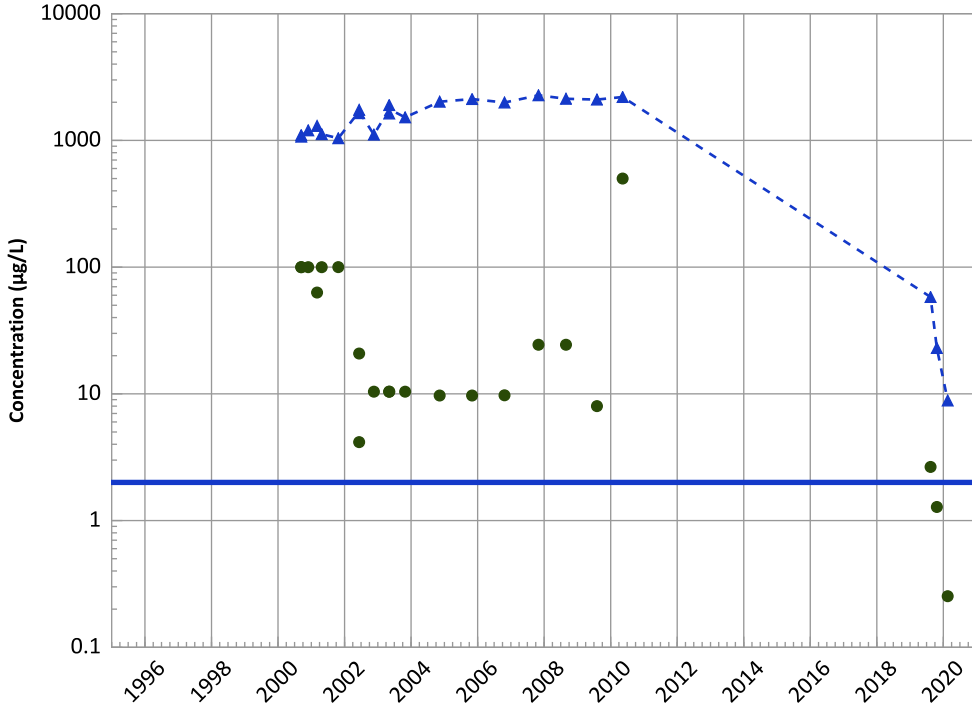
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/12/2000 to 02/18/2020
 Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

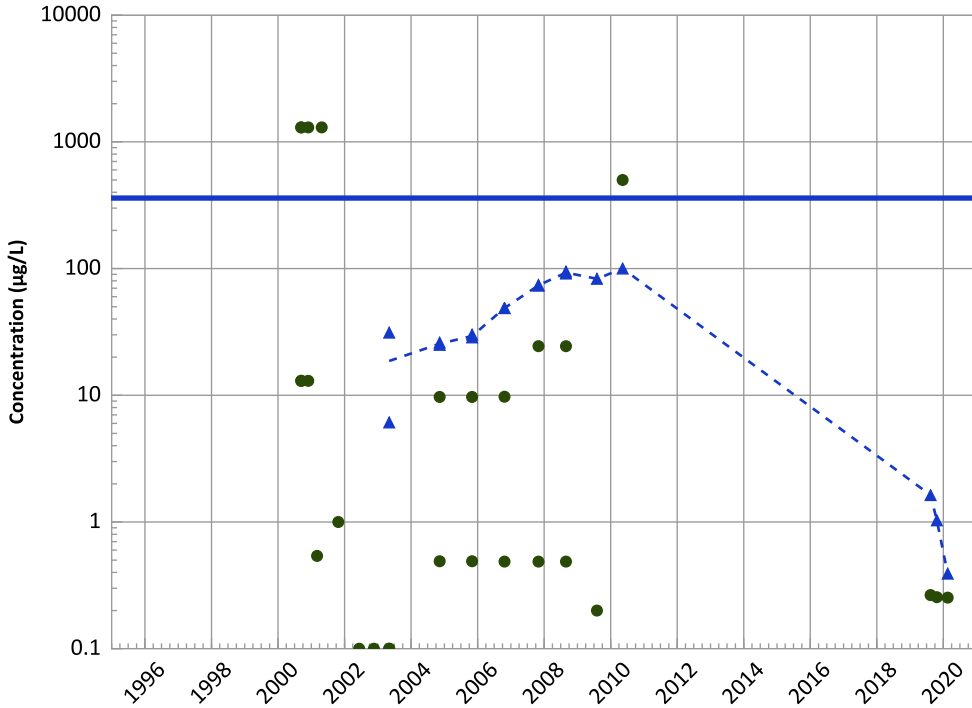
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

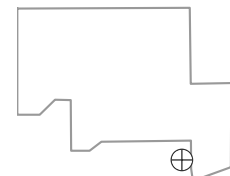
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

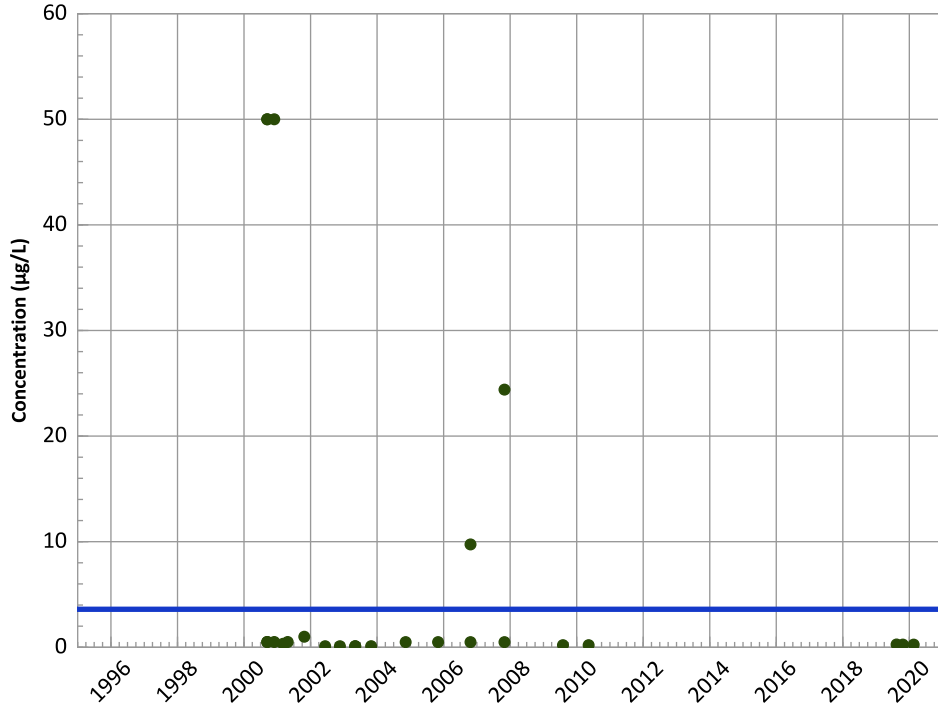
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

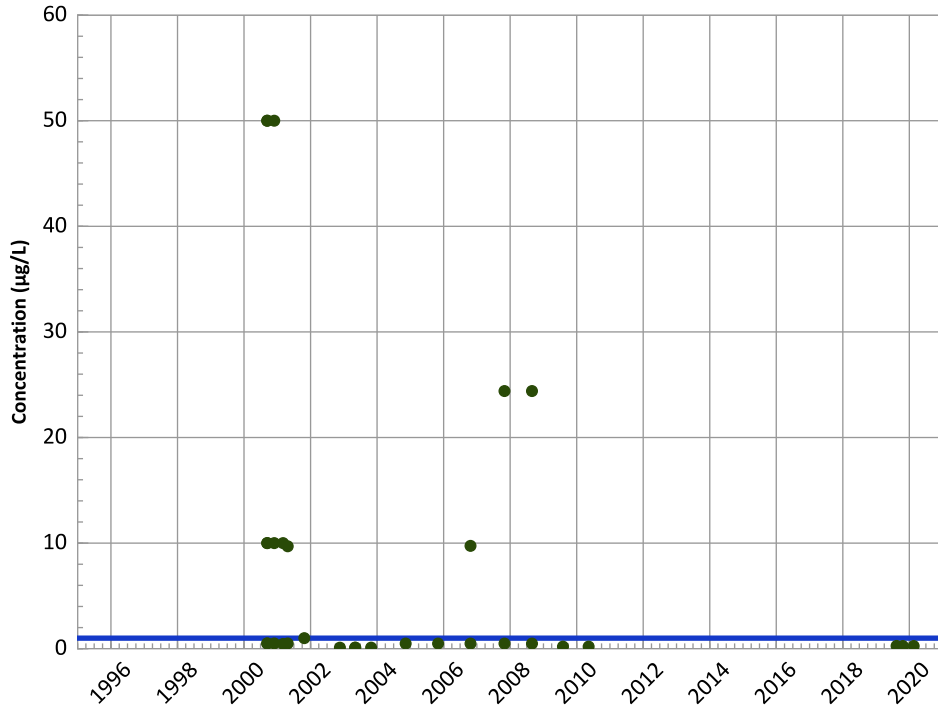
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

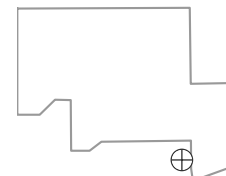
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

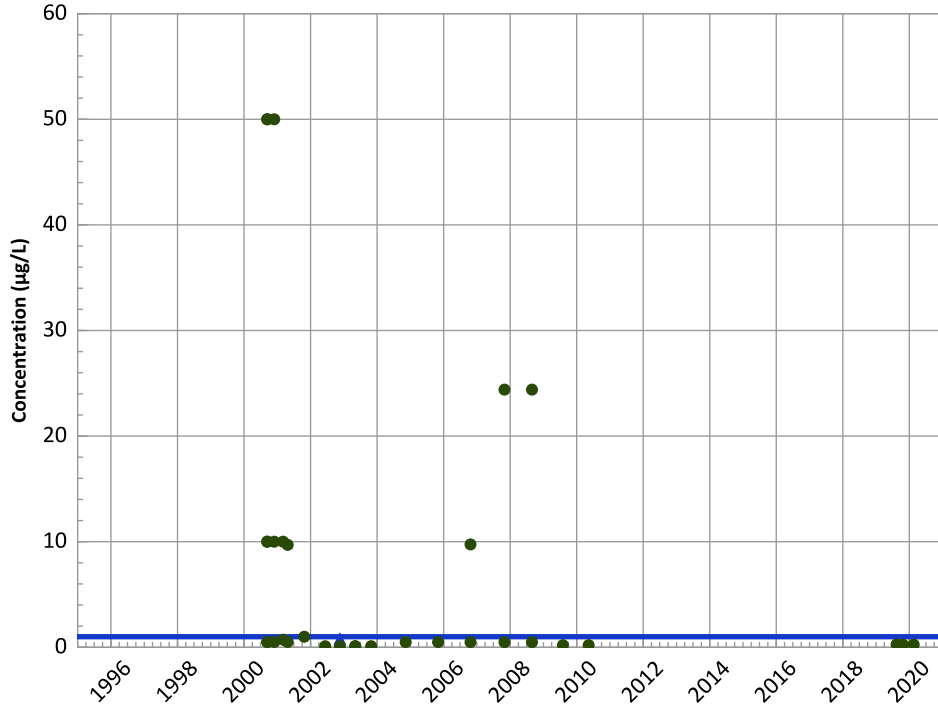
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

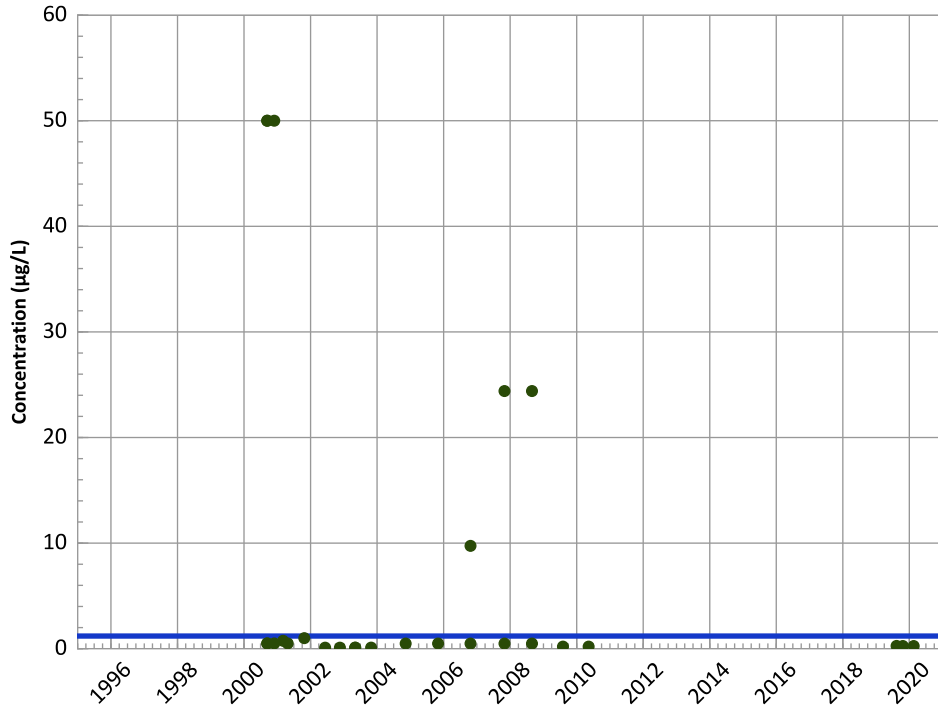
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

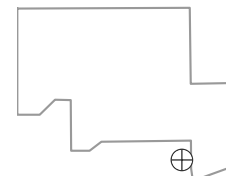
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

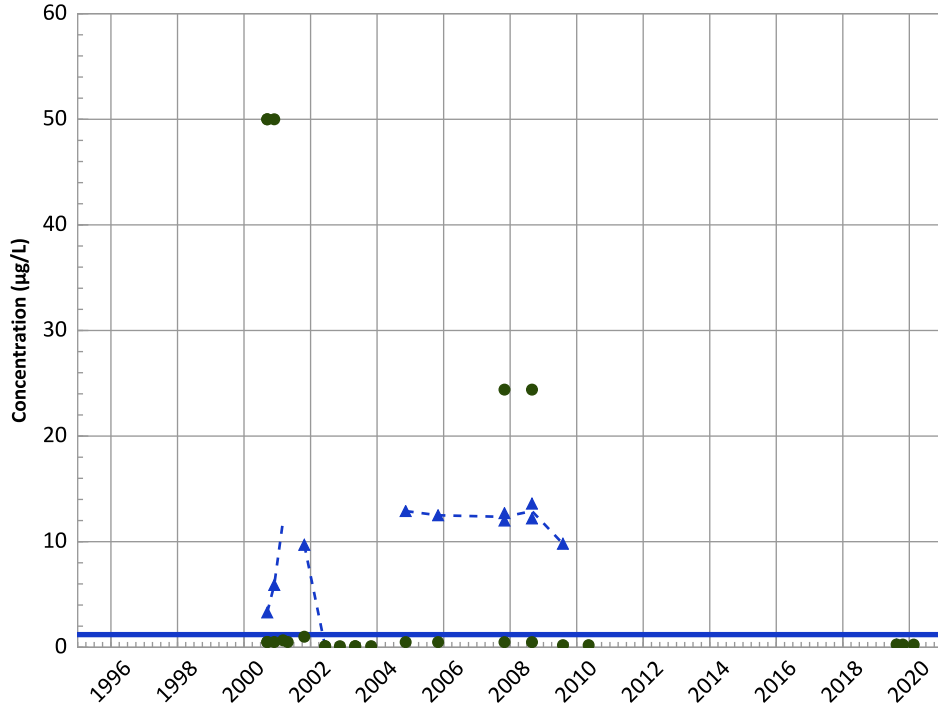
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

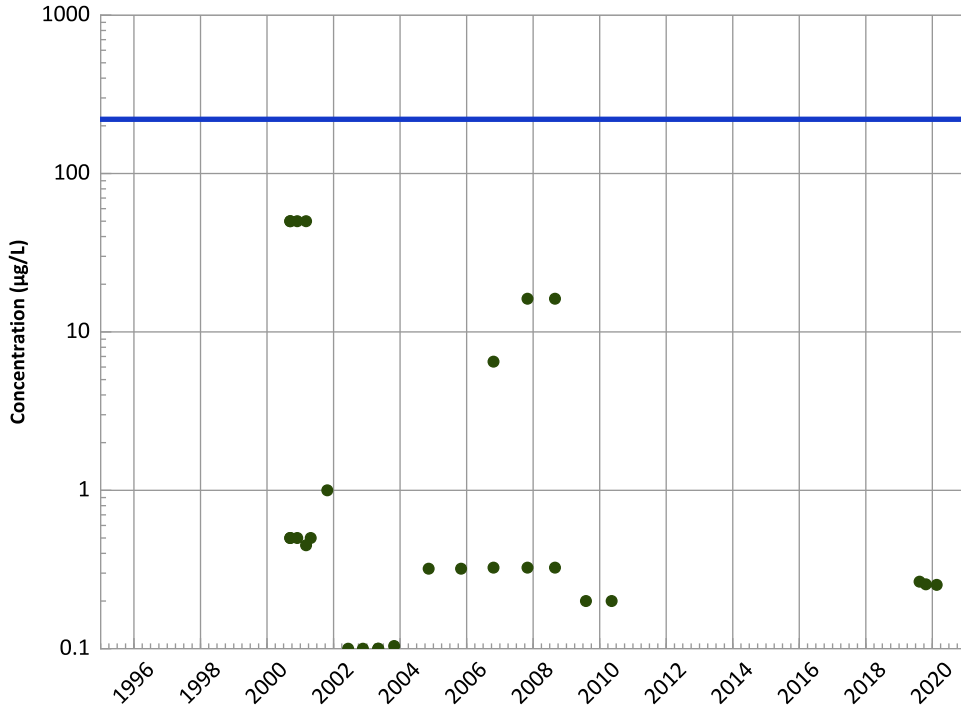


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend

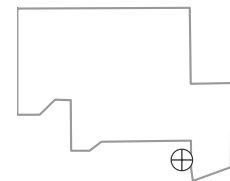


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

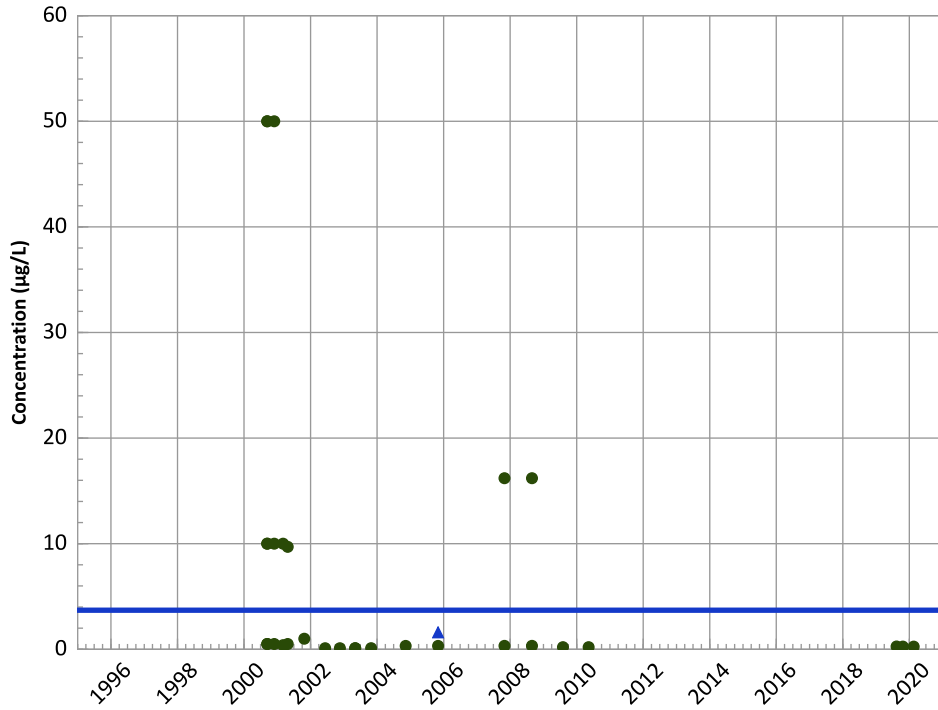
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**

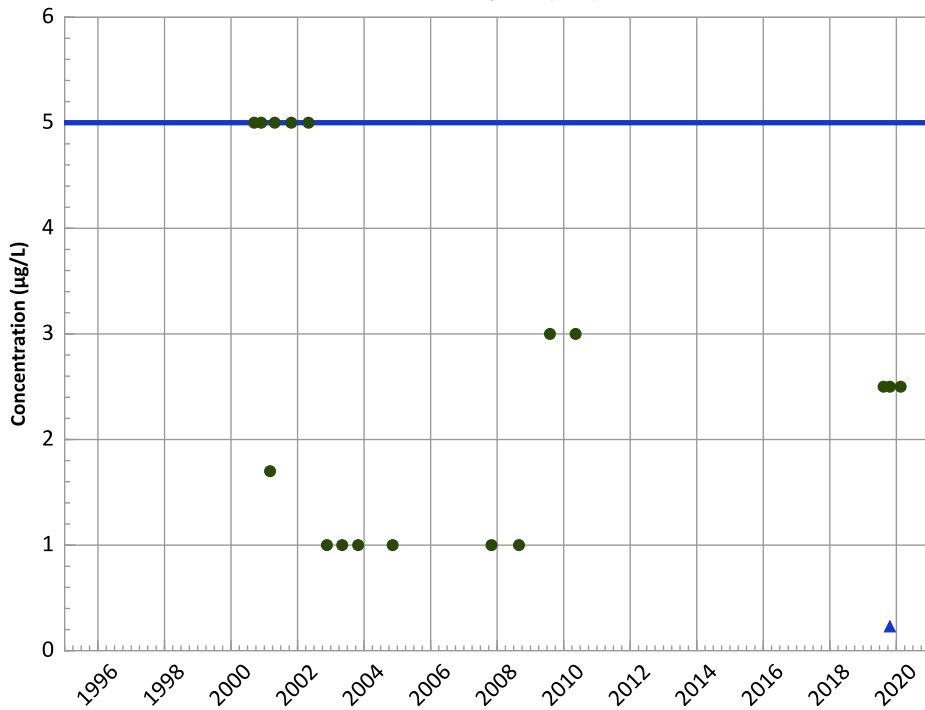


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend

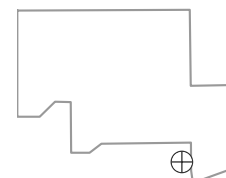


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

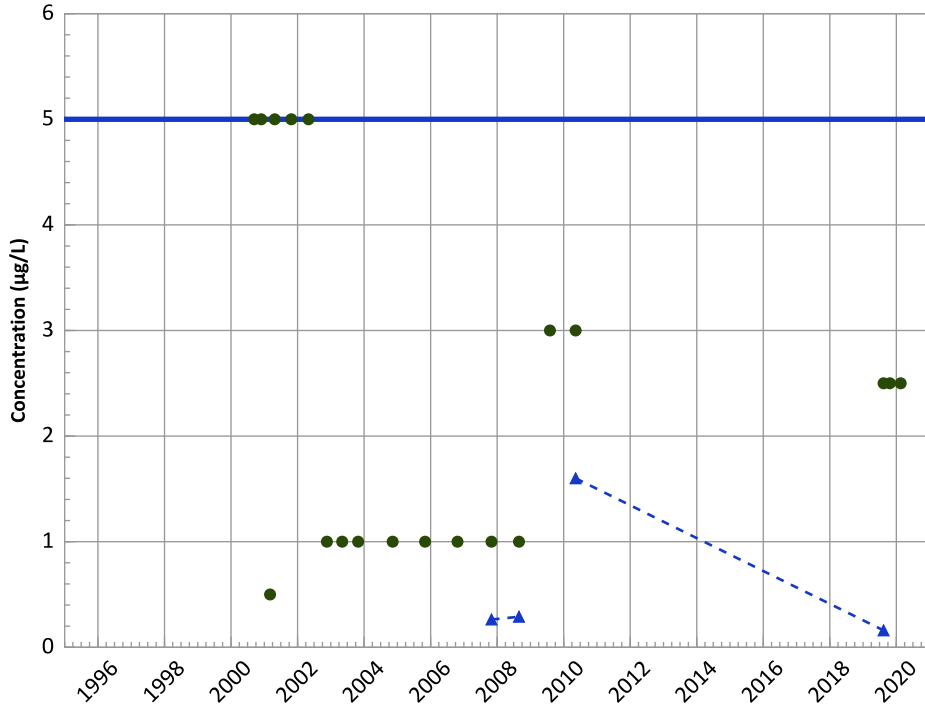


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



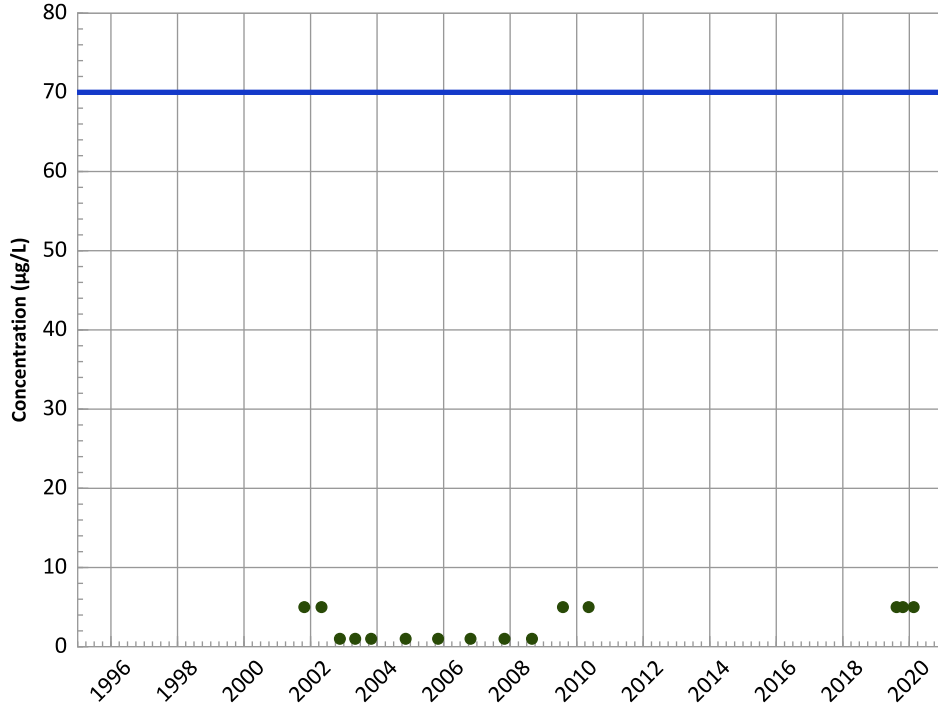
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
No Trend

cis-1,2-Dichloroethene Trend



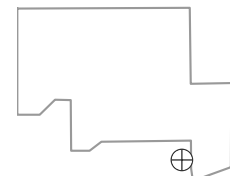
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

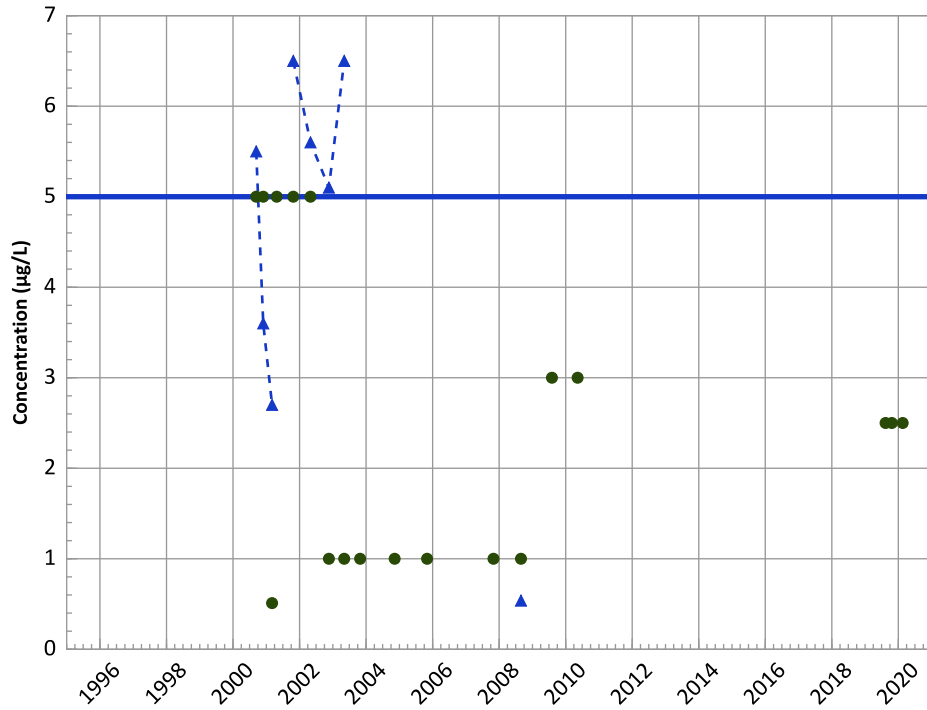
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

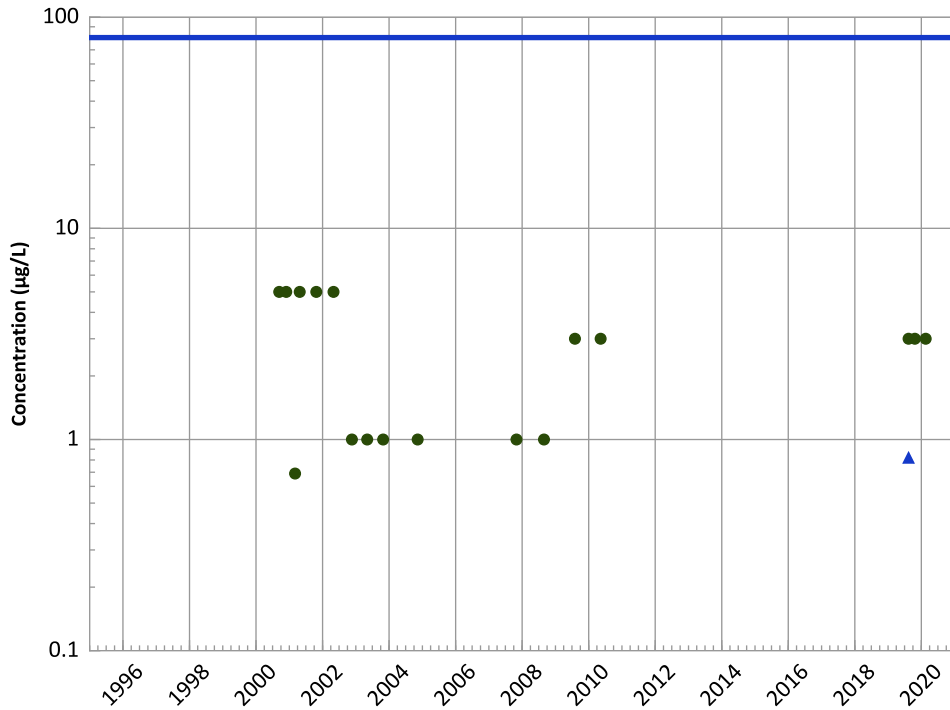
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

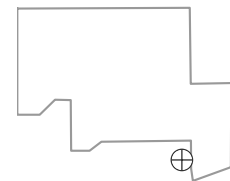
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

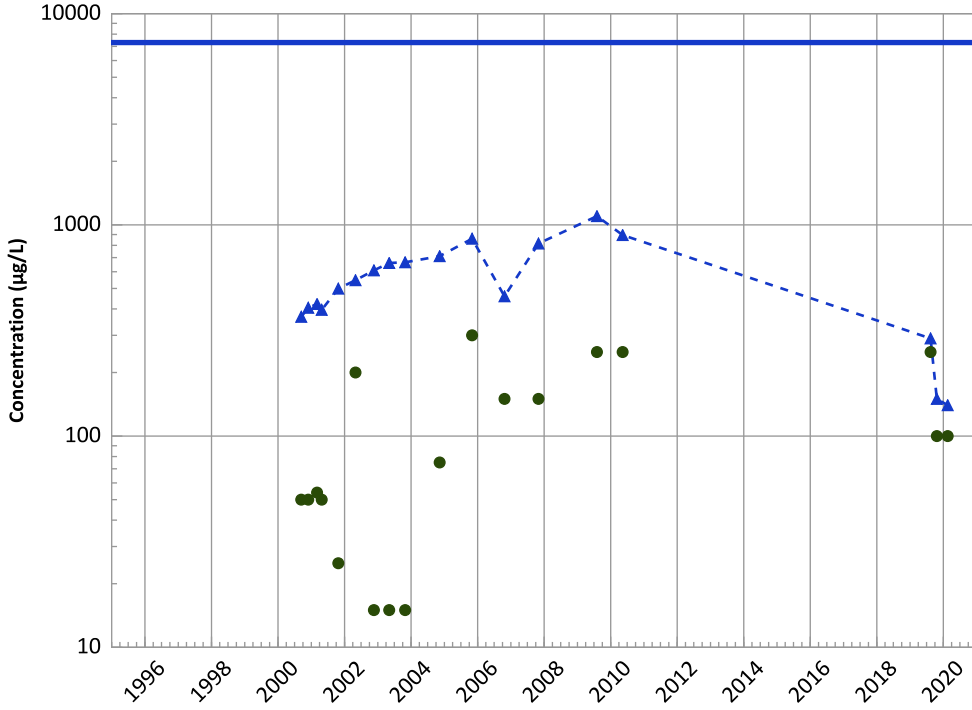


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

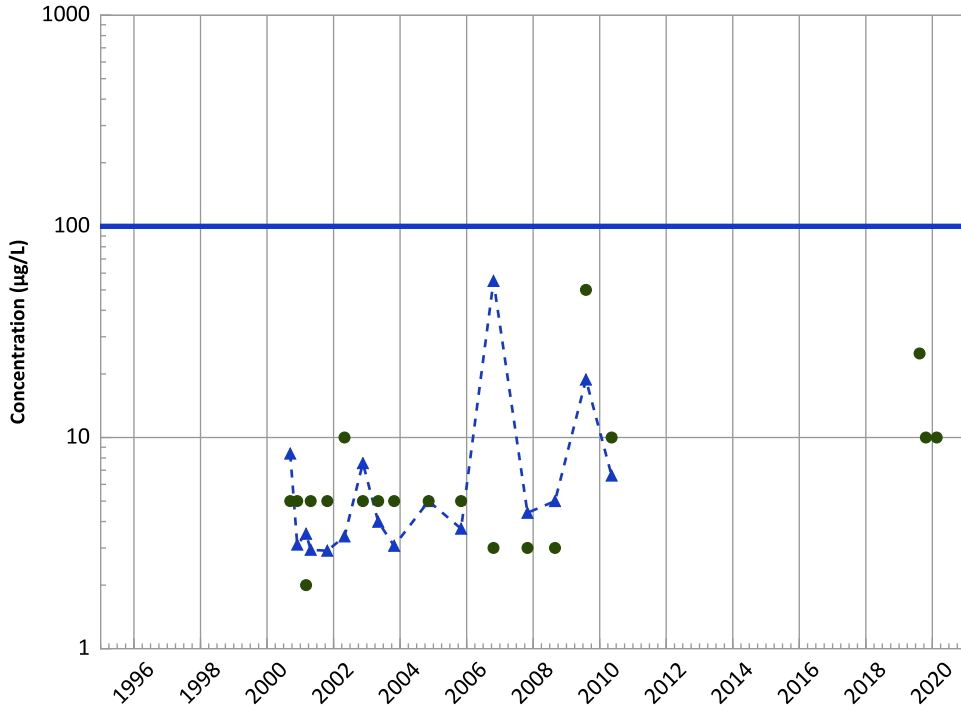
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

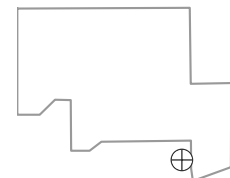
MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
Increasing

Well Location

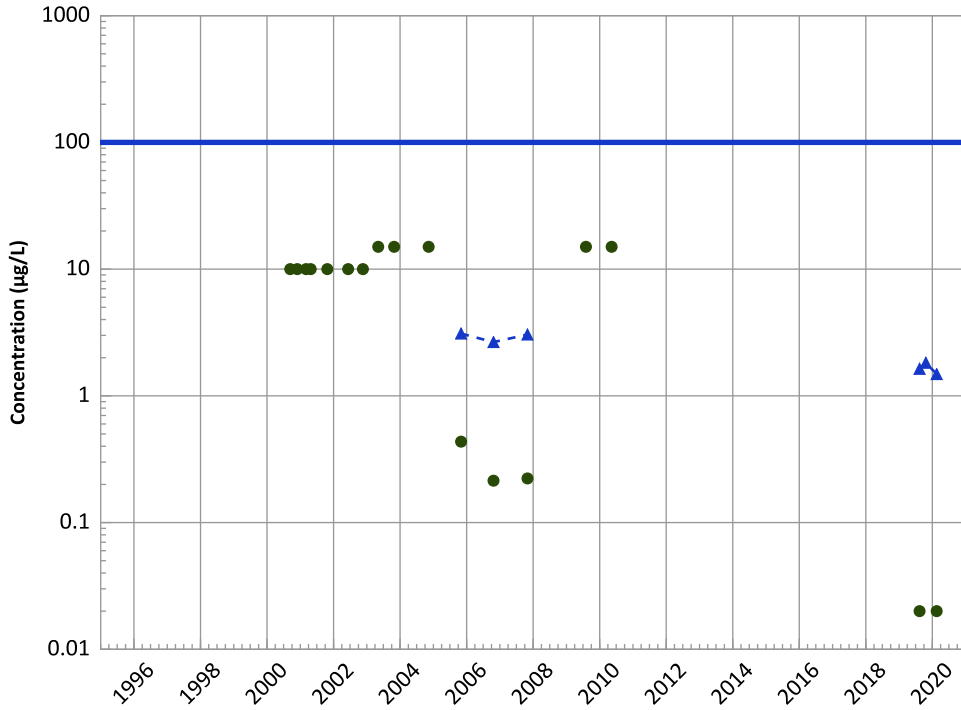


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

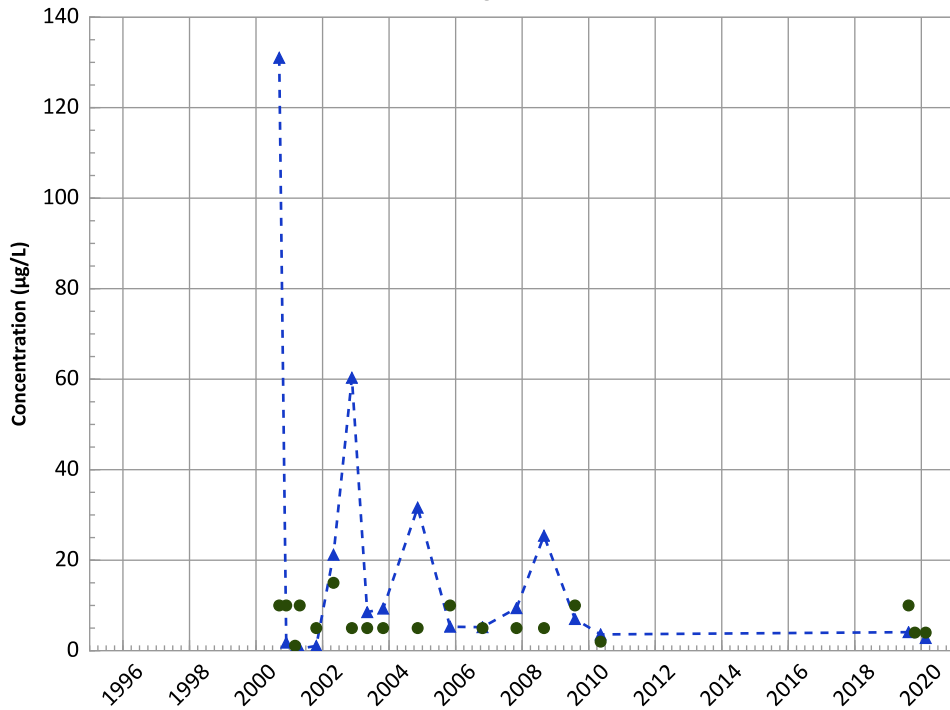


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Manganese Trend



Concentration Trend

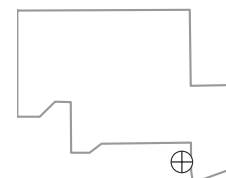
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

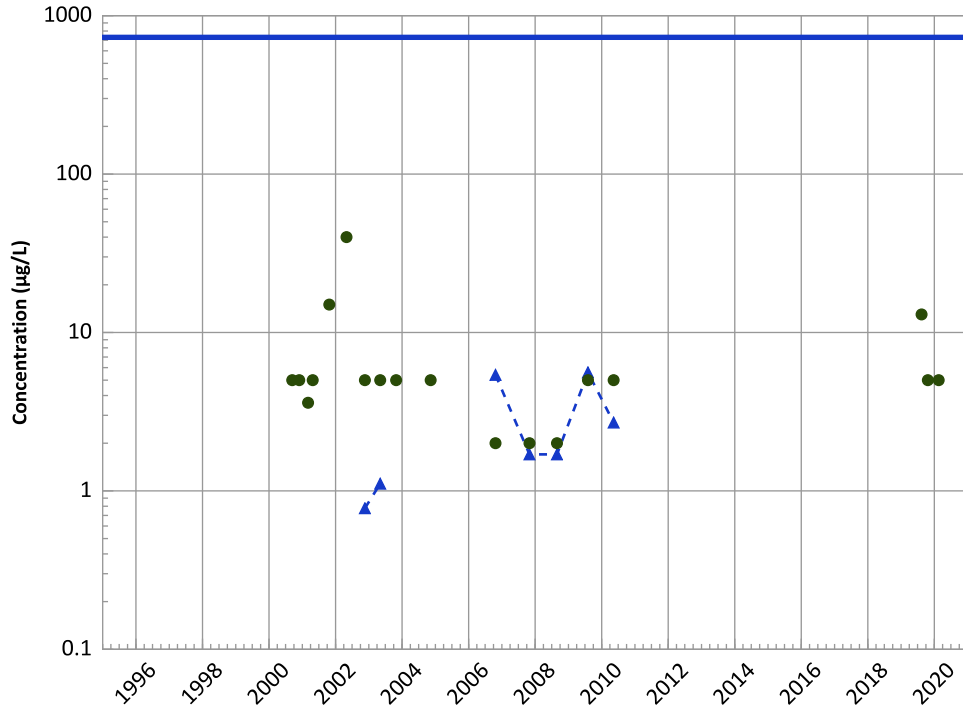
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

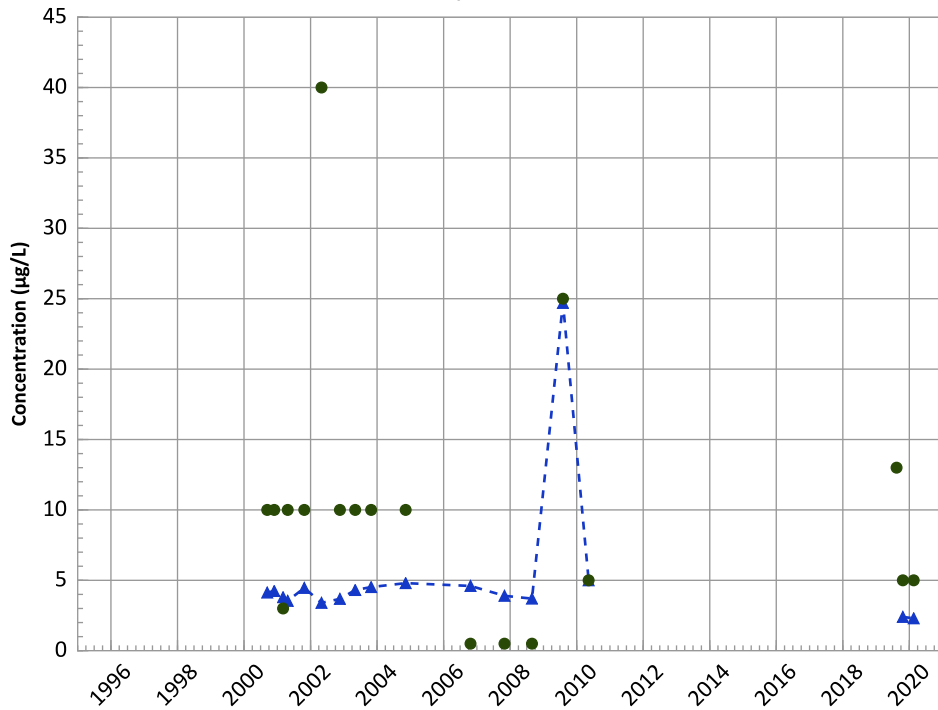


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Molybdenum Trend



Concentration Trend

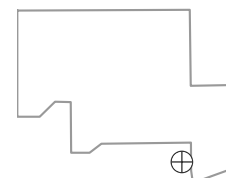
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

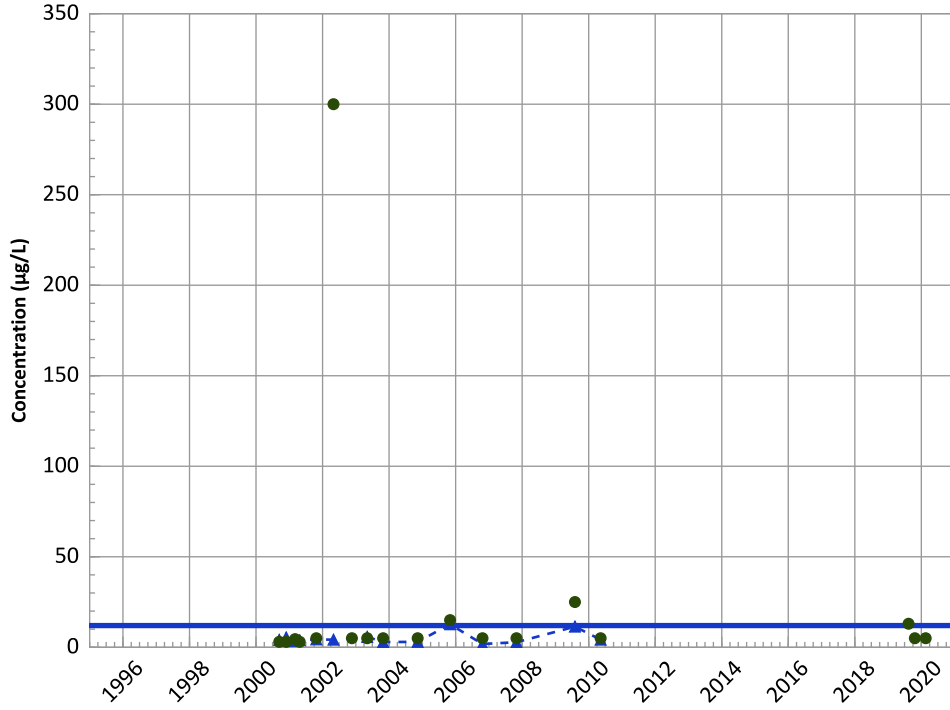
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

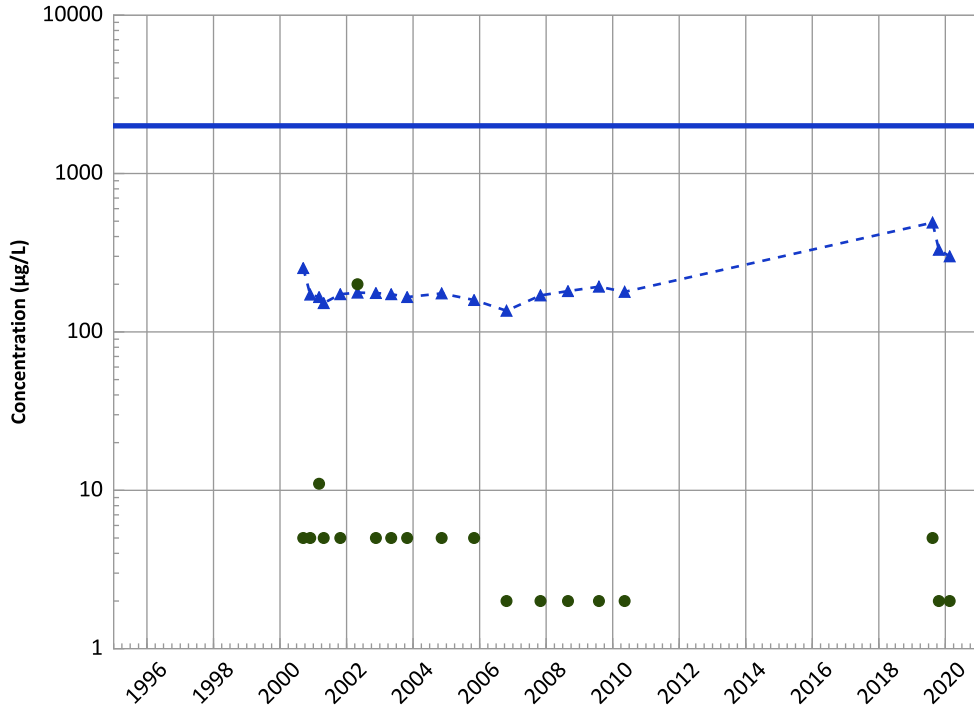


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Barium Trend



Concentration Trend

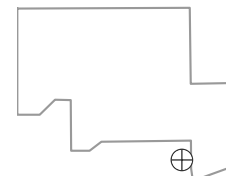
MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

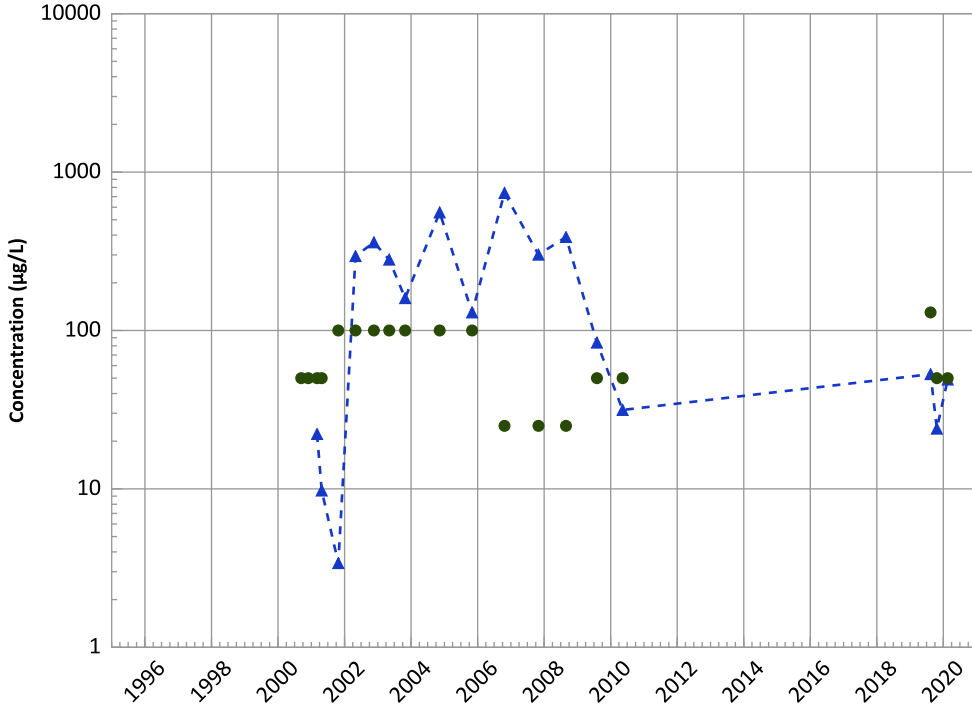
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

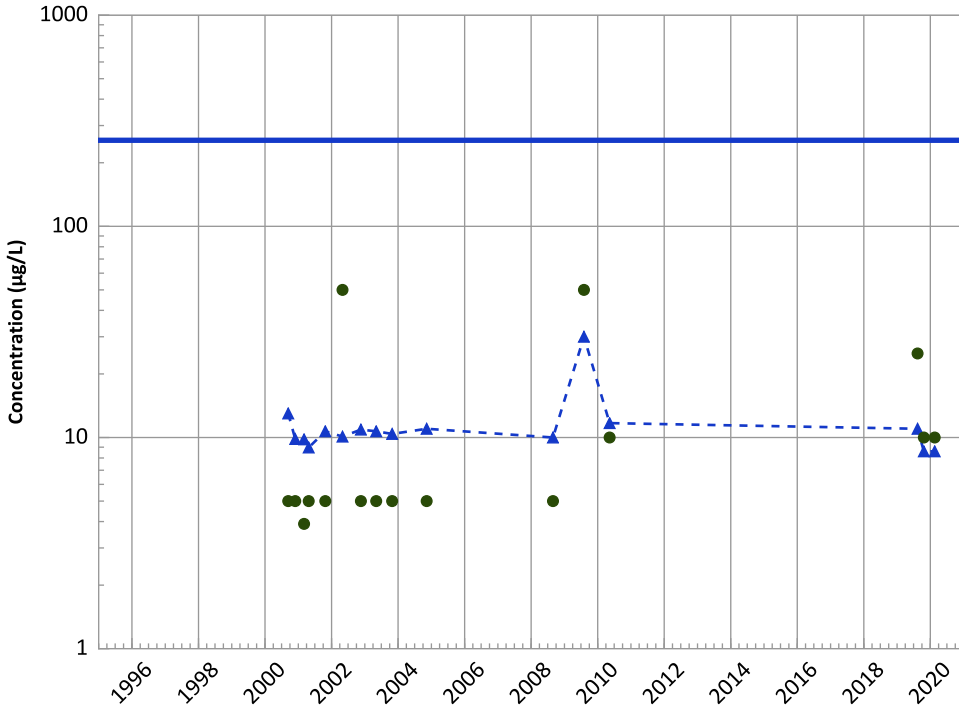
2018 - 2020 Data:

No Trend

All Data:

No Trend

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

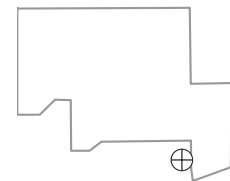
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

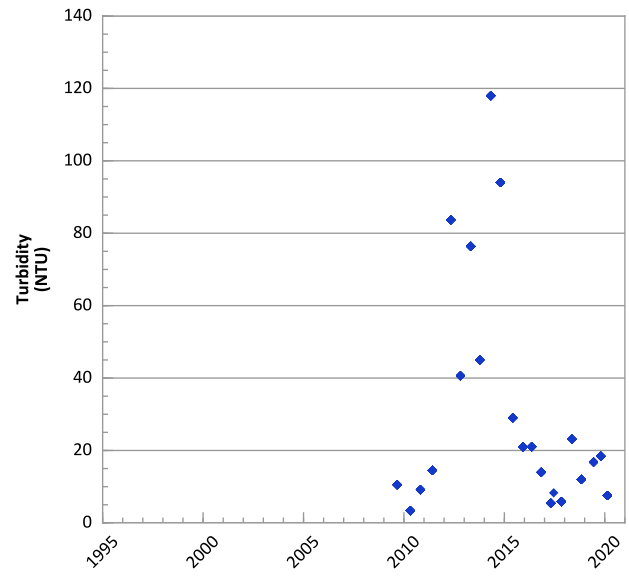
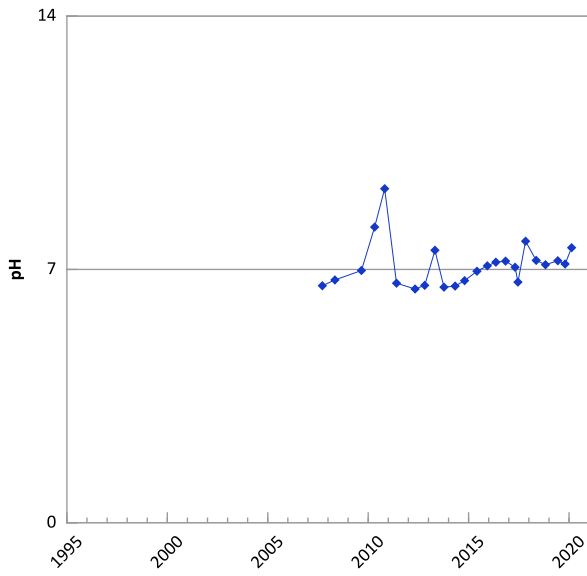
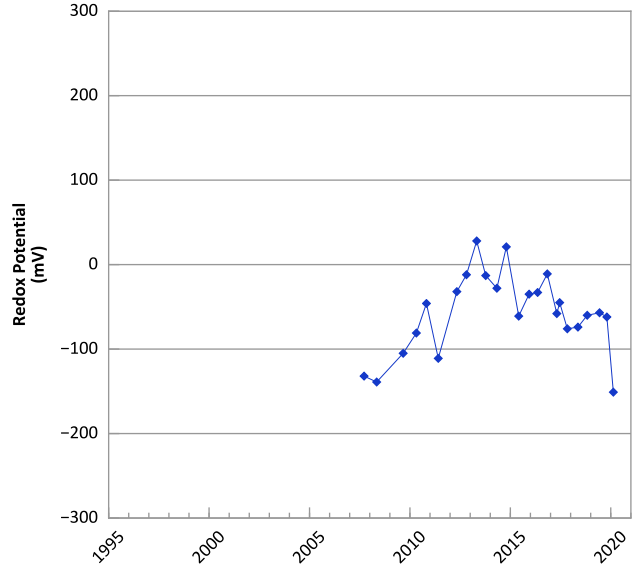
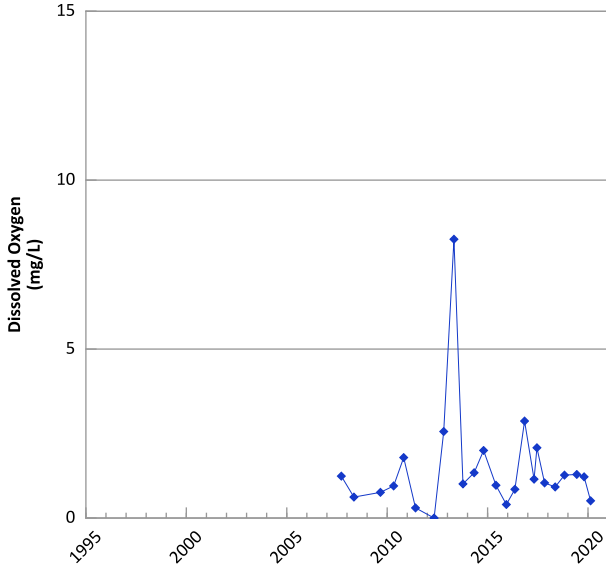
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/12/2000 to 02/18/2020
Analysis Date: 05/19/2021

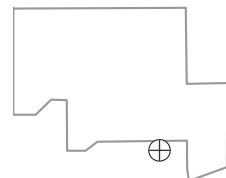
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



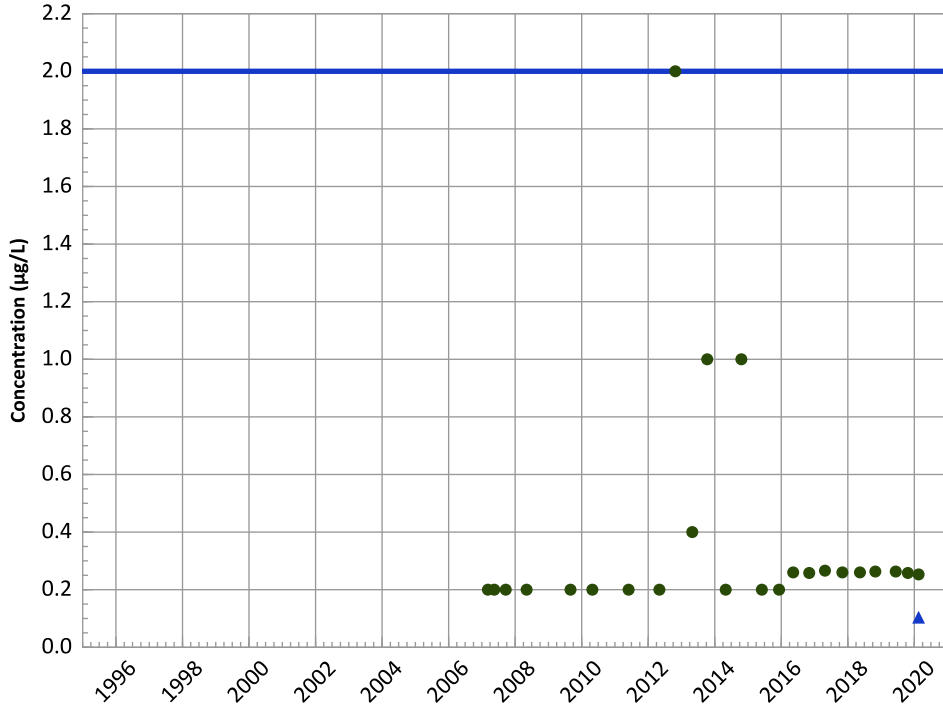
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 03/08/2007 to 02/17/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

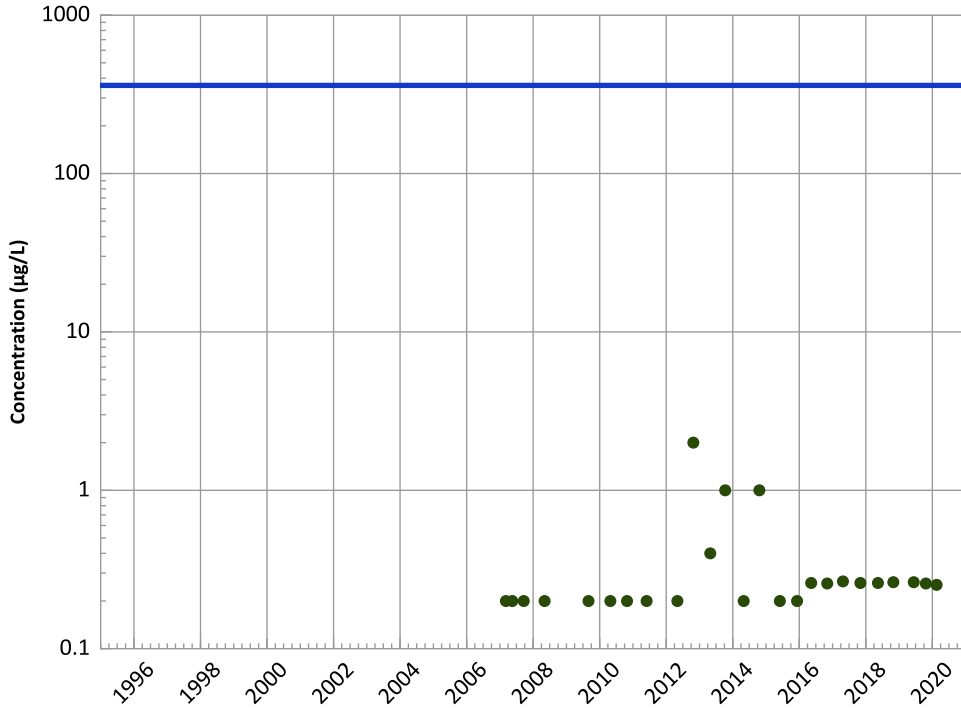


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

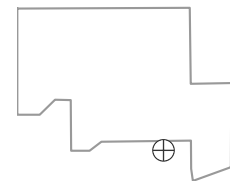


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

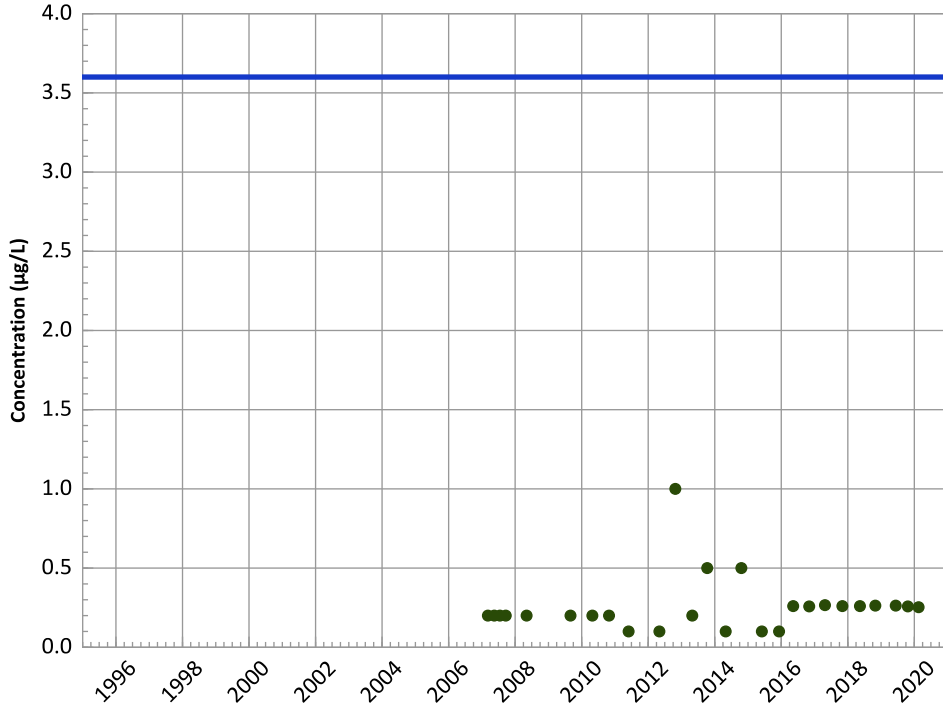


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

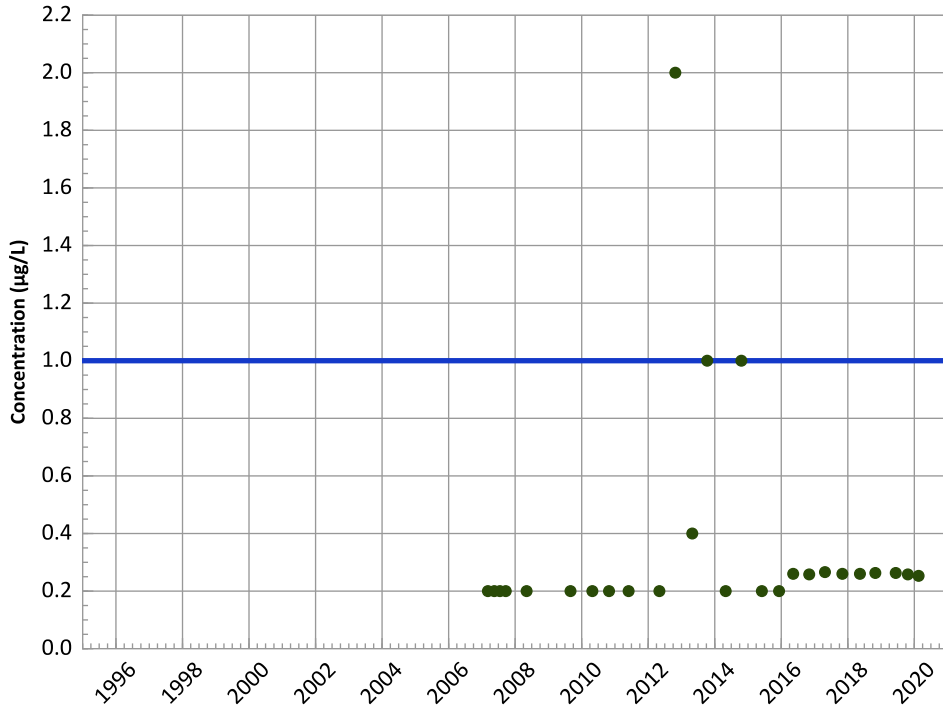
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

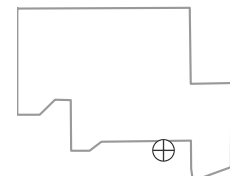
All Data:

All Non-Detect

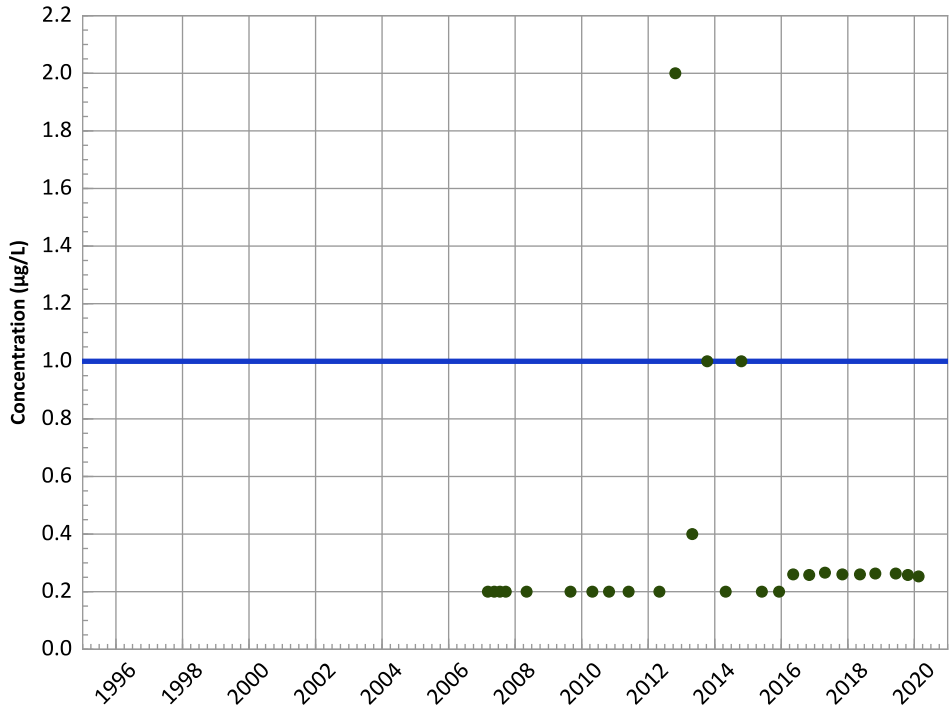
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ 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**

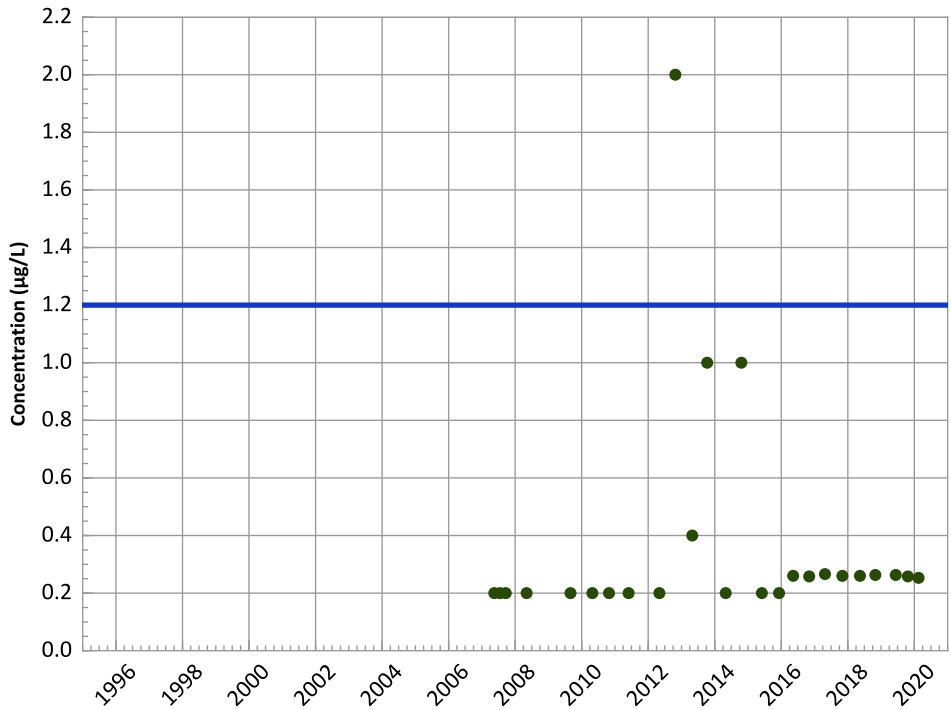


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

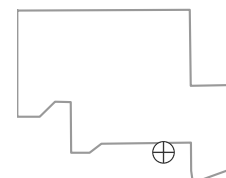
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

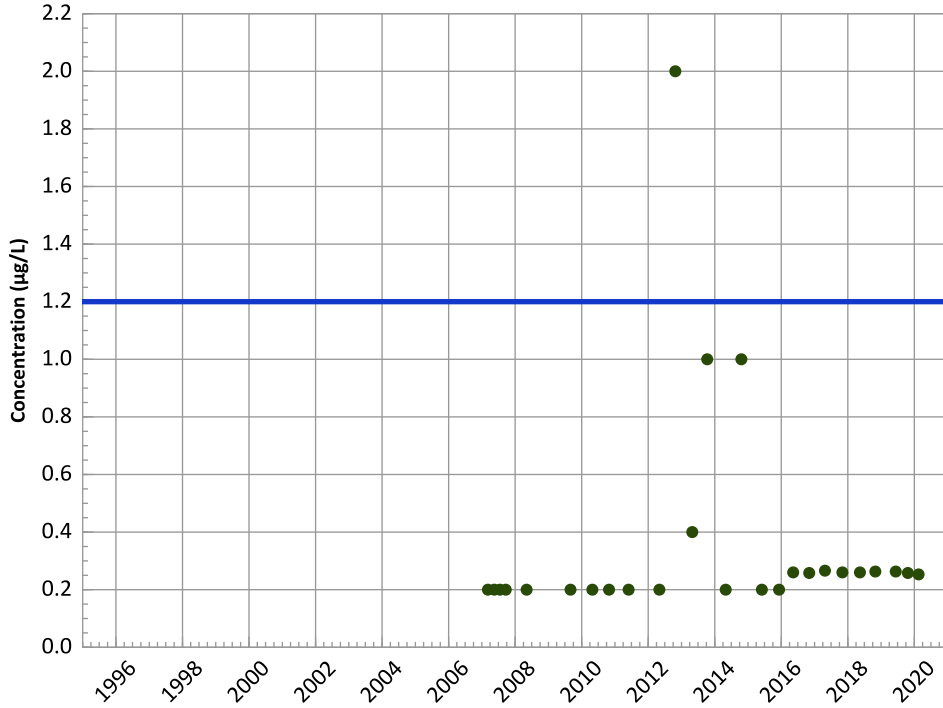
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

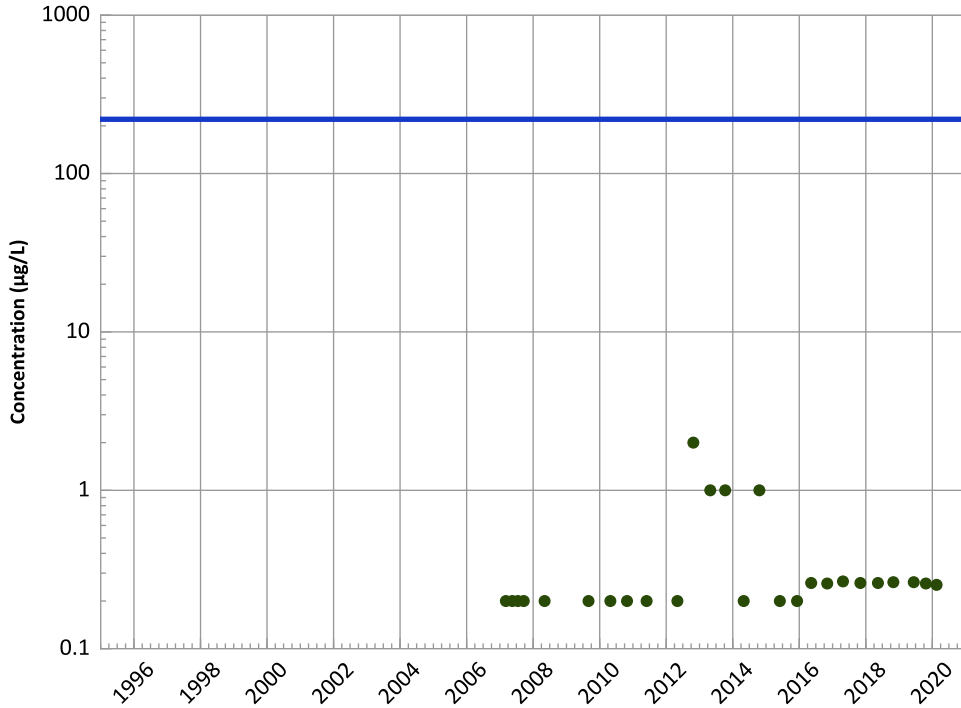
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

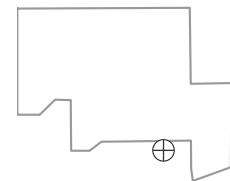
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

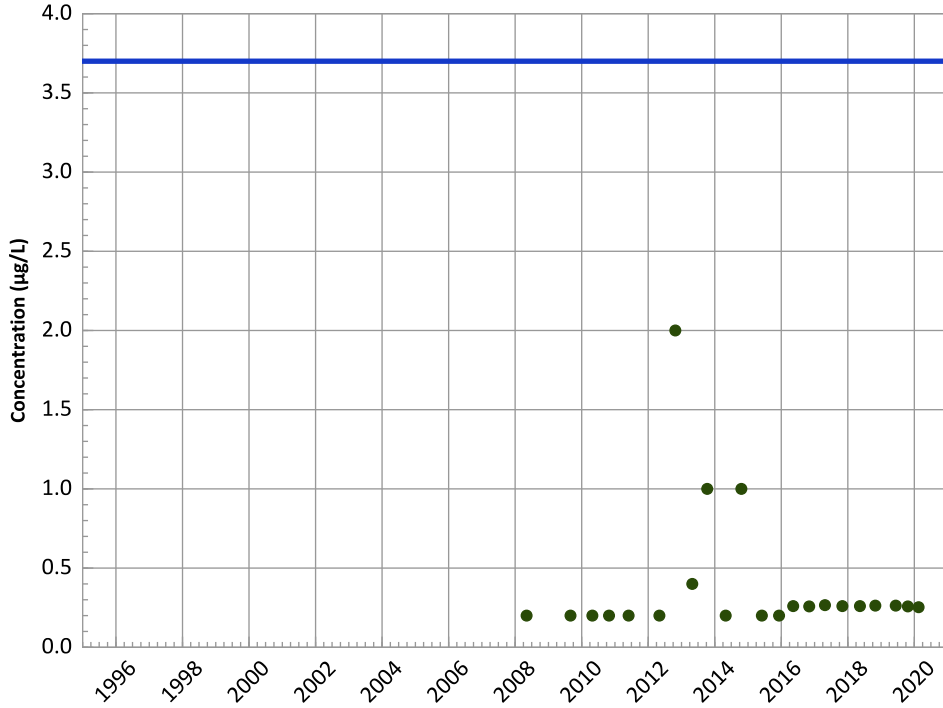
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

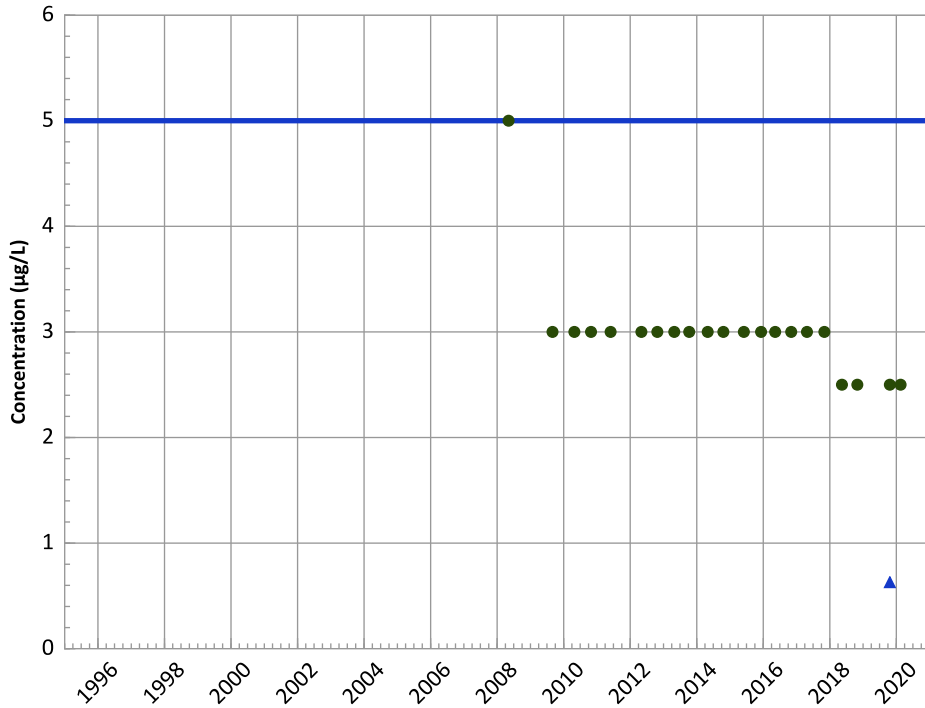
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

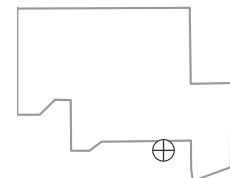
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

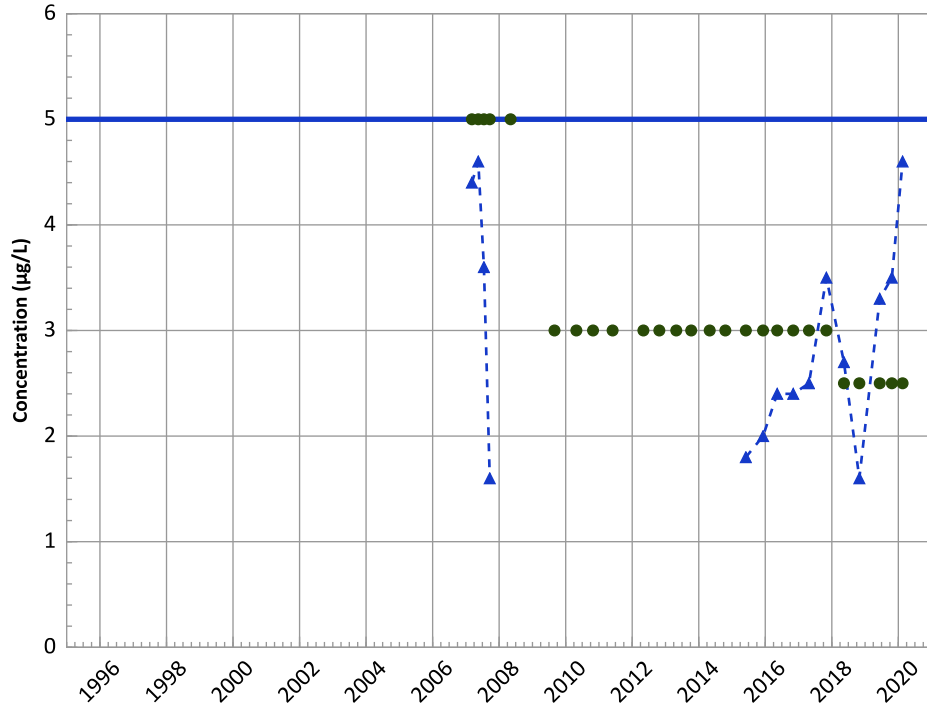
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

MAROS Linear Regression Method

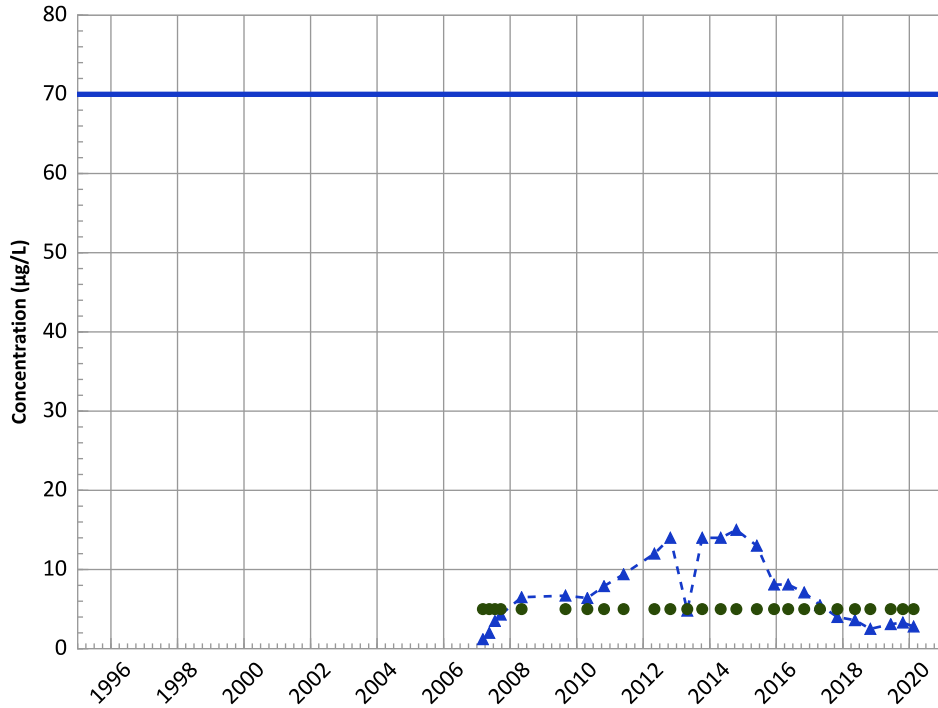
2018 - 2020 Data:

Increasing

All Data:

Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

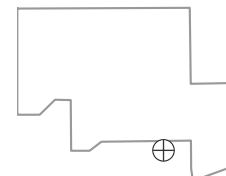
All Data:

No Trend

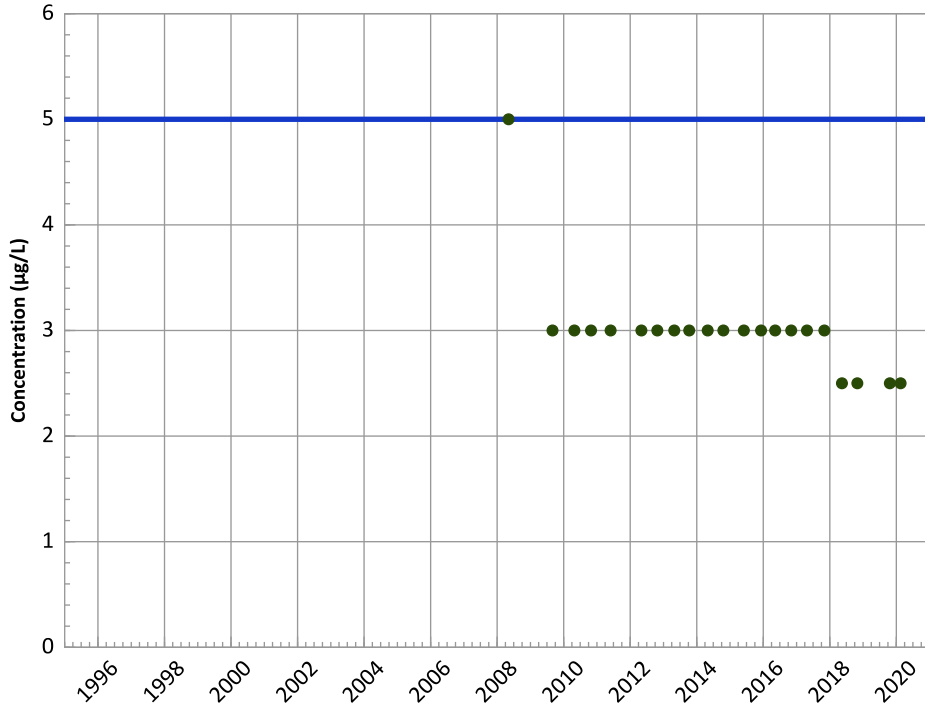
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

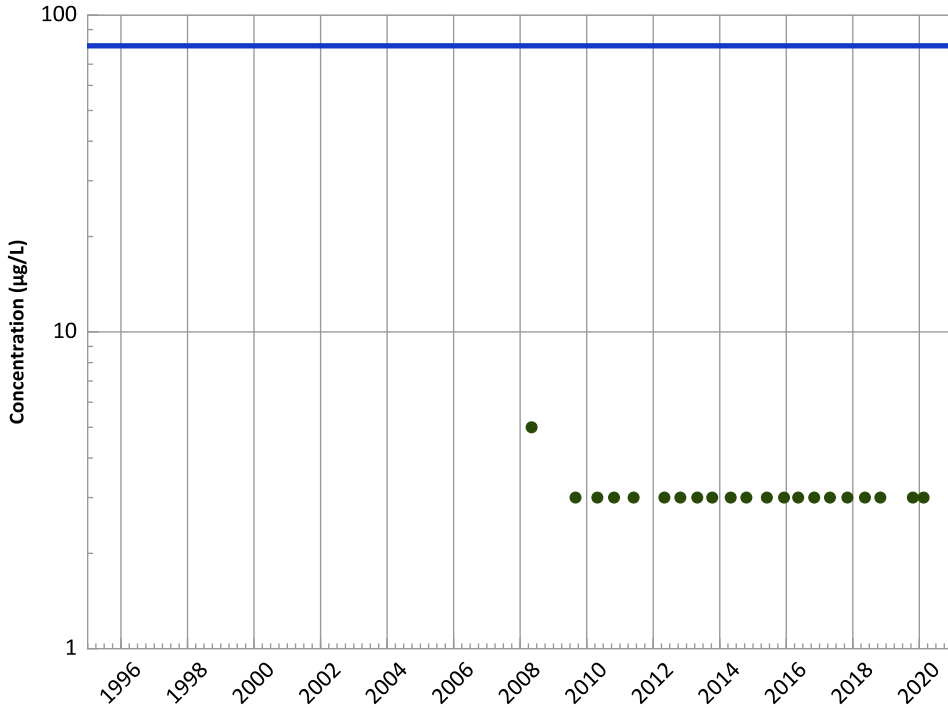
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

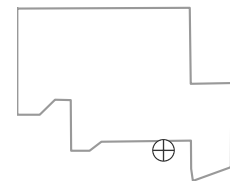
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

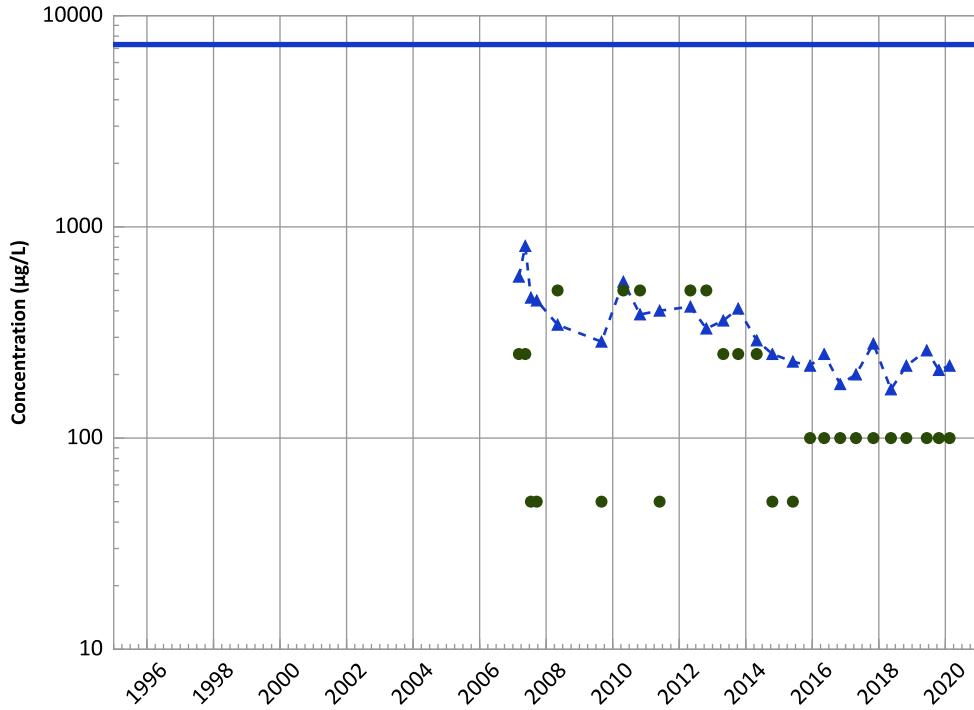
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

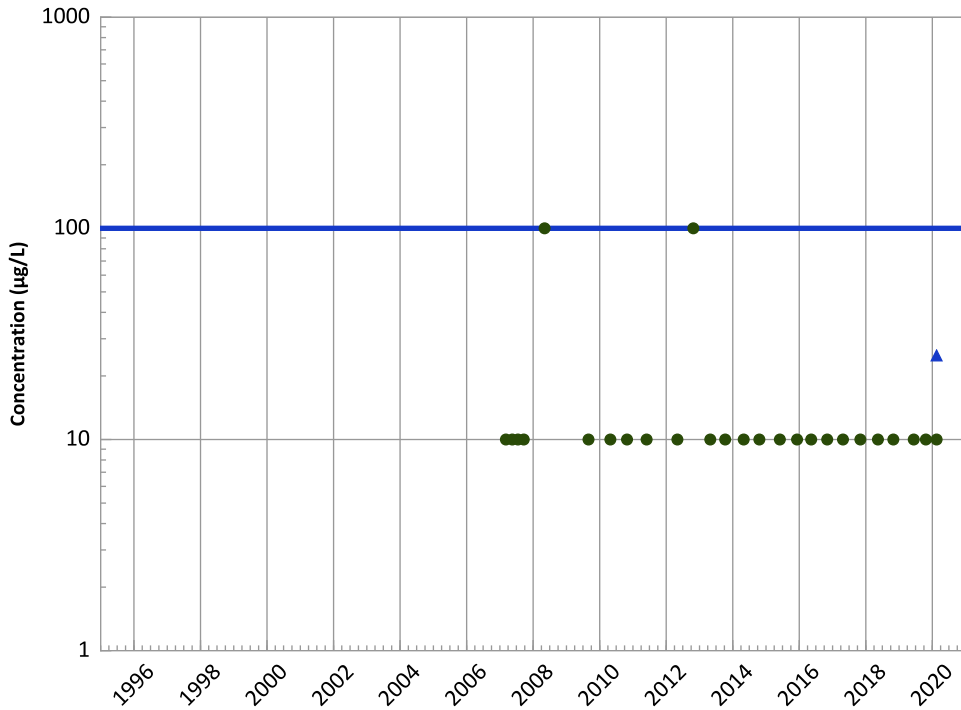
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

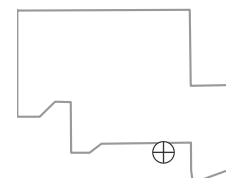
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

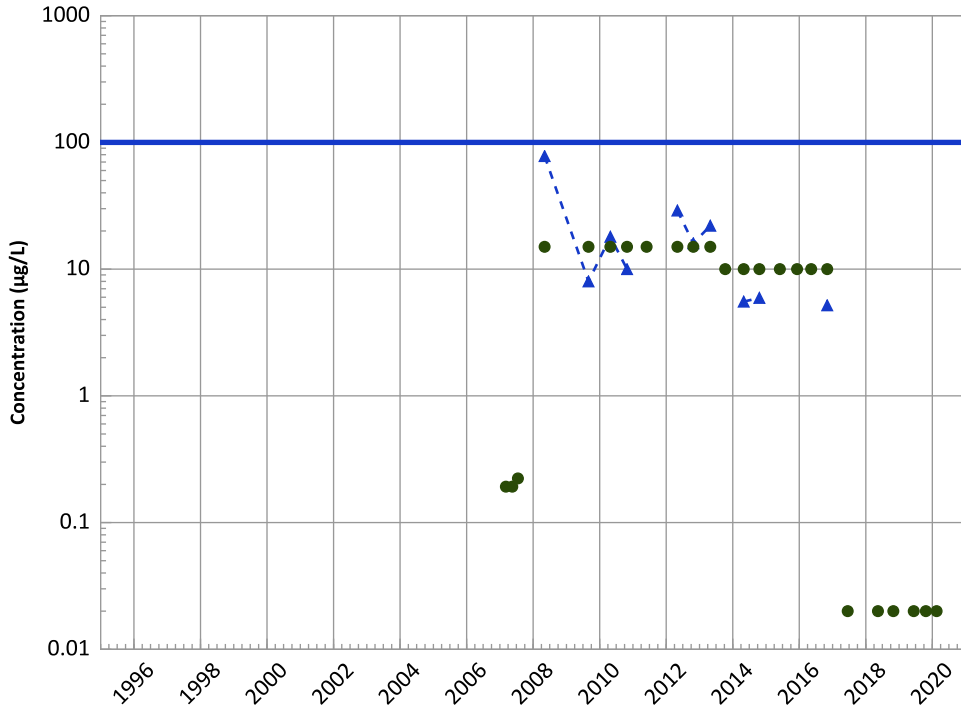
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chromium, Hexavalent Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

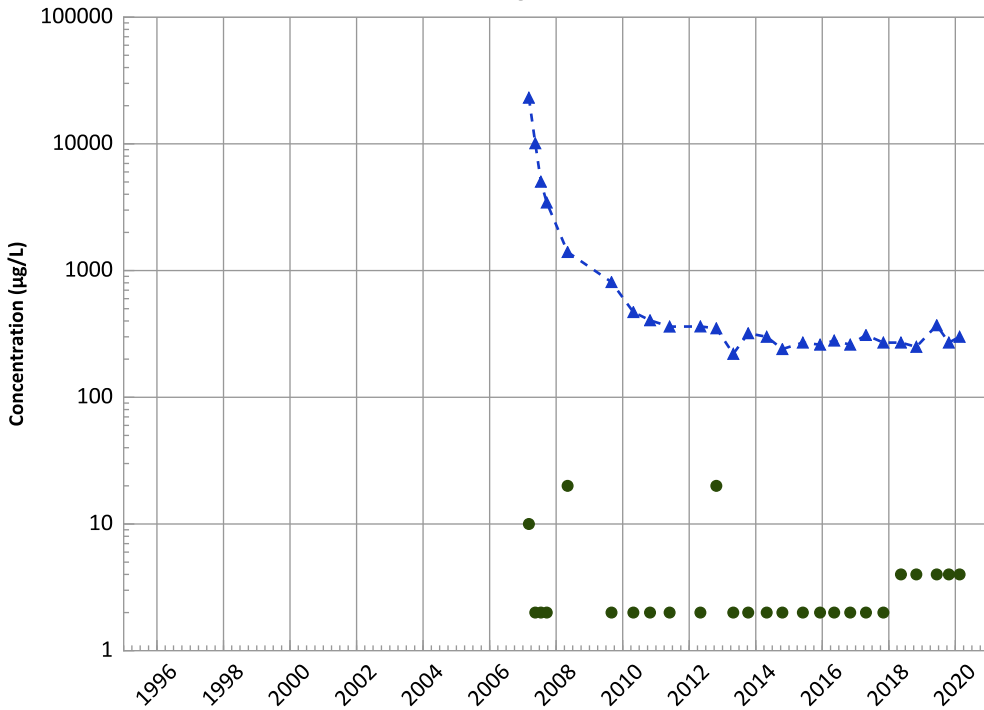
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

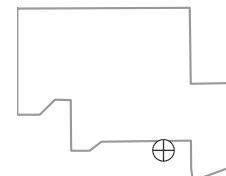
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

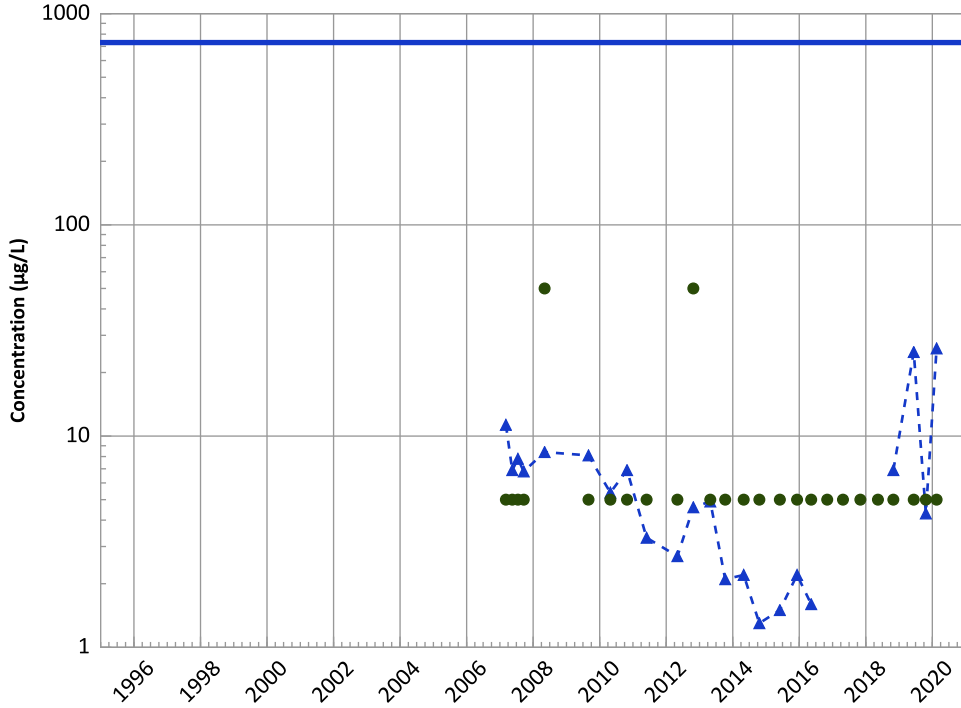
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

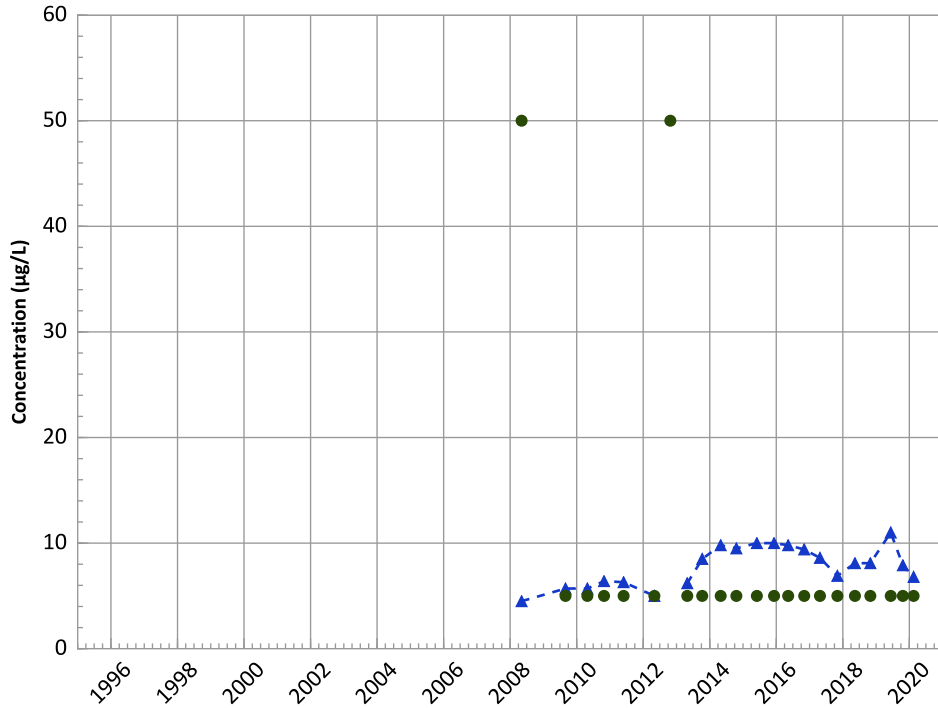
2018 - 2020 Data:

No Trend

All Data:

Stable

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

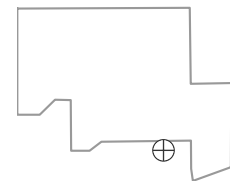
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

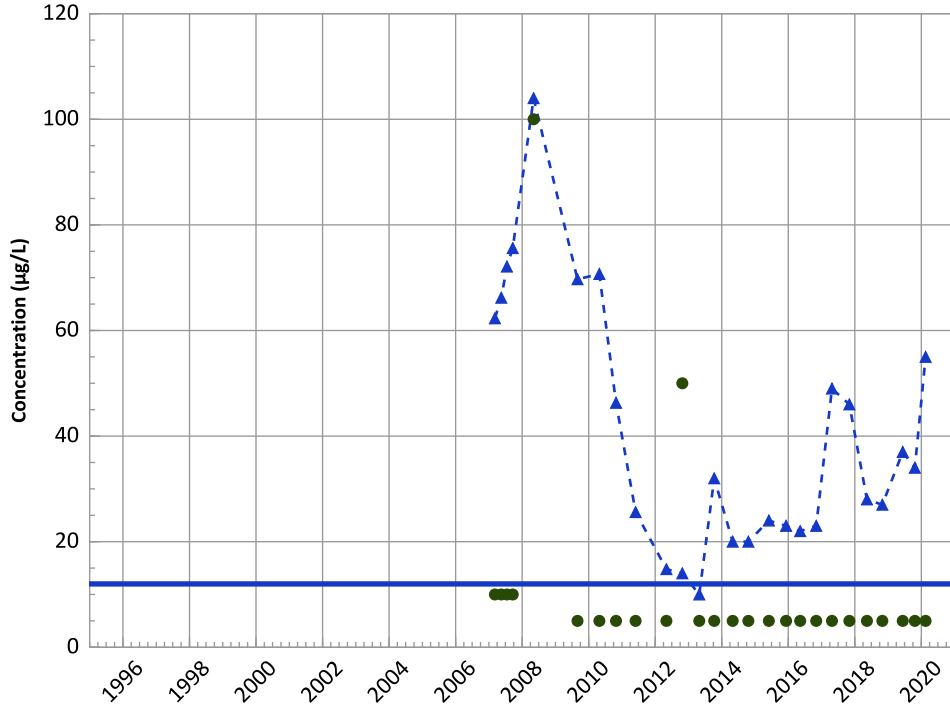


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

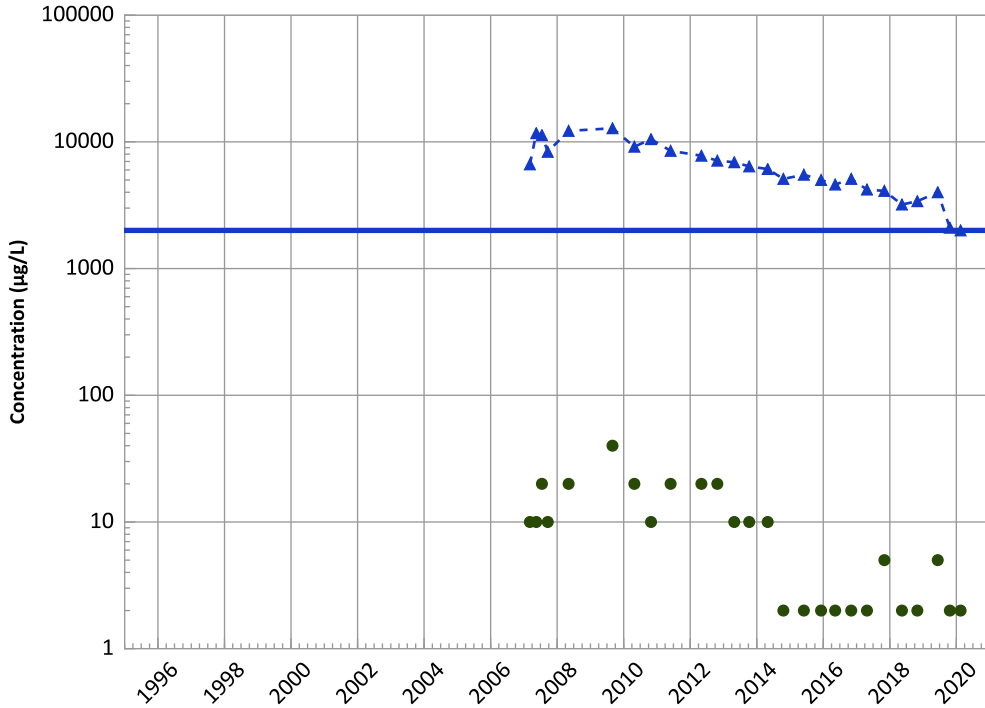


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Decreasing

Barium Trend



Concentration Trend

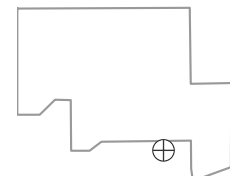
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

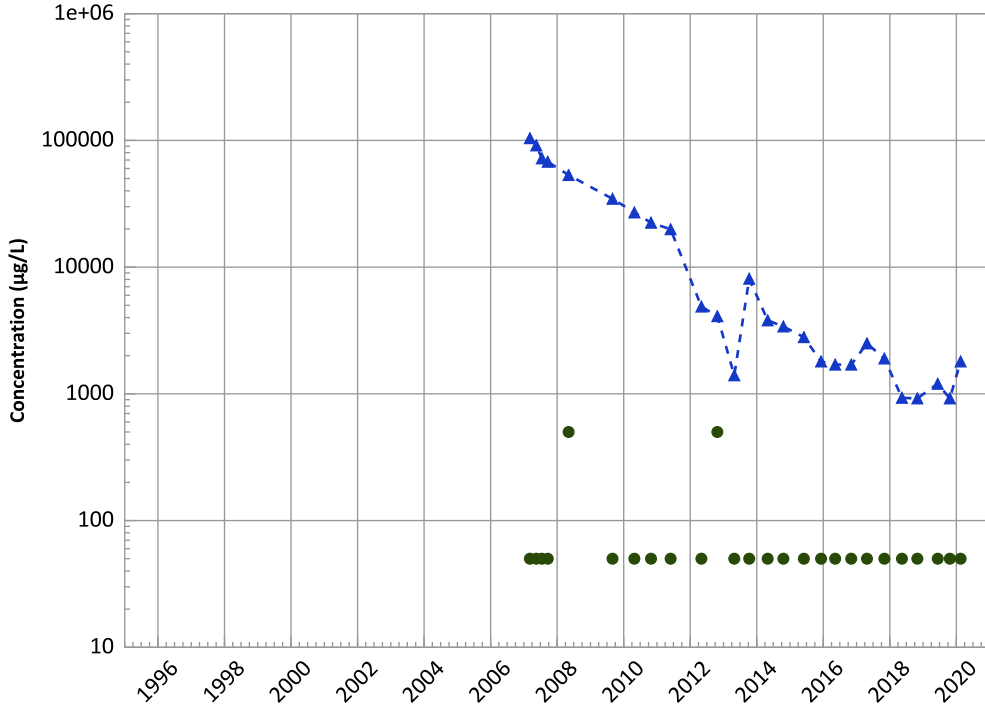
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

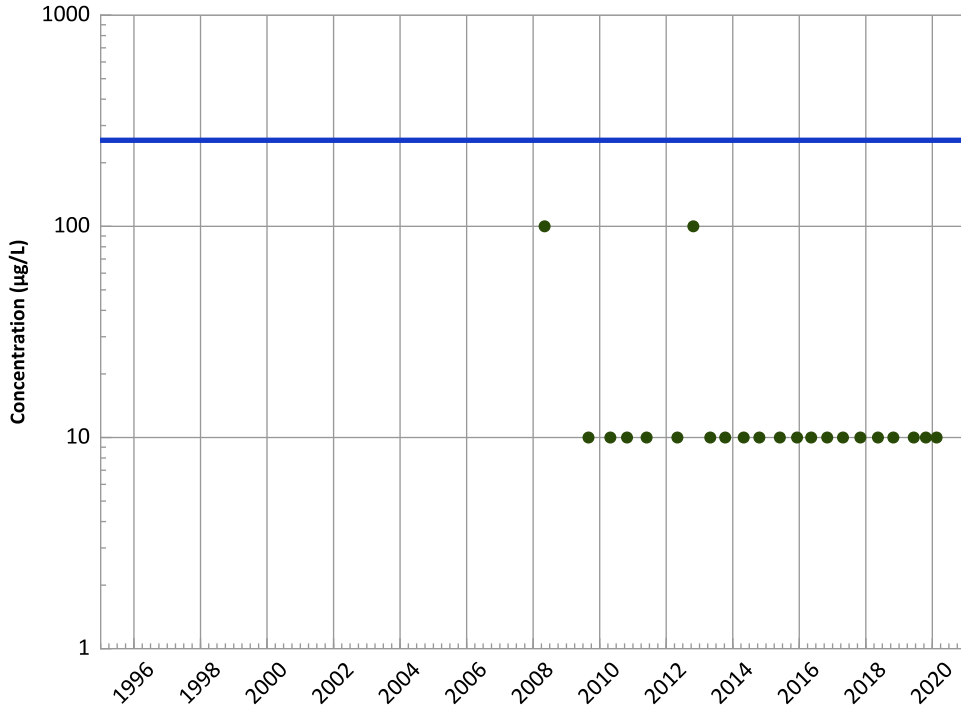
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

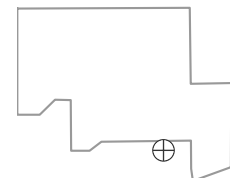
All Data:

All Non-Detect

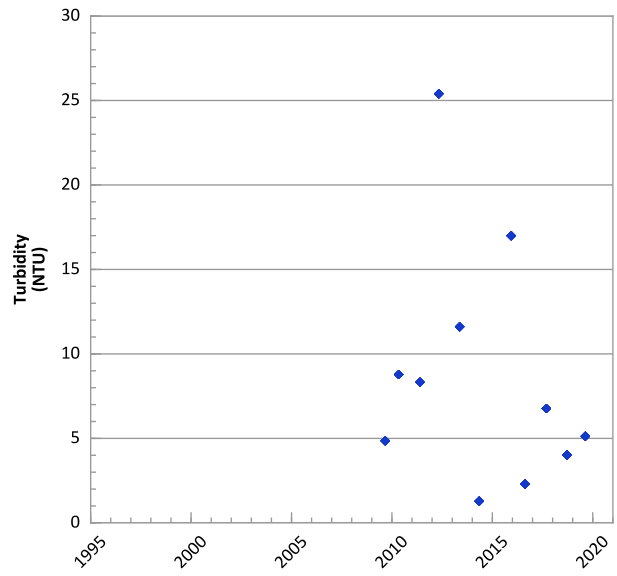
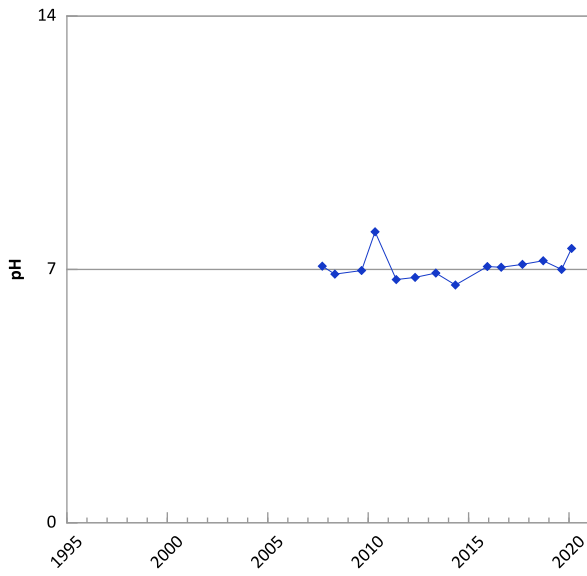
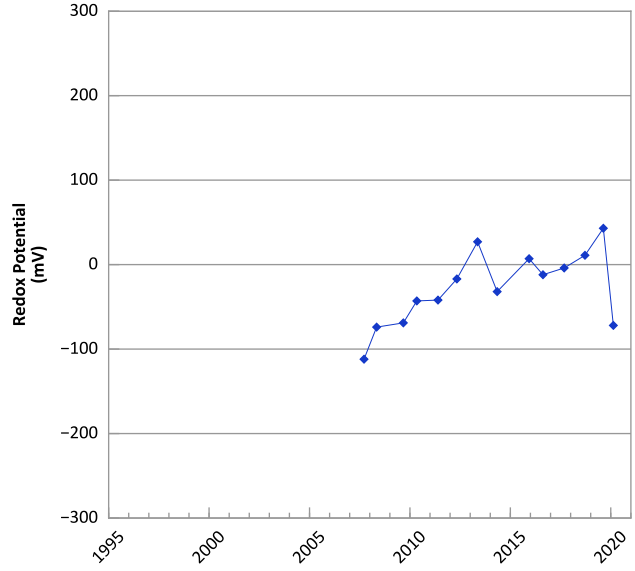
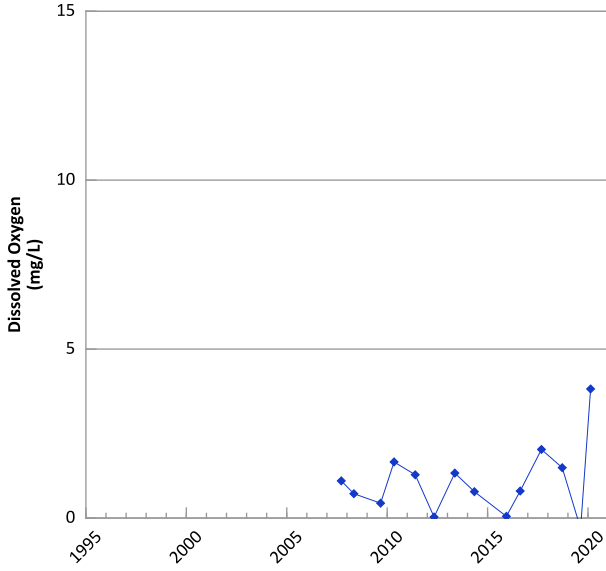
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/08/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

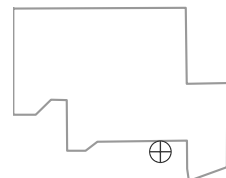


**PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



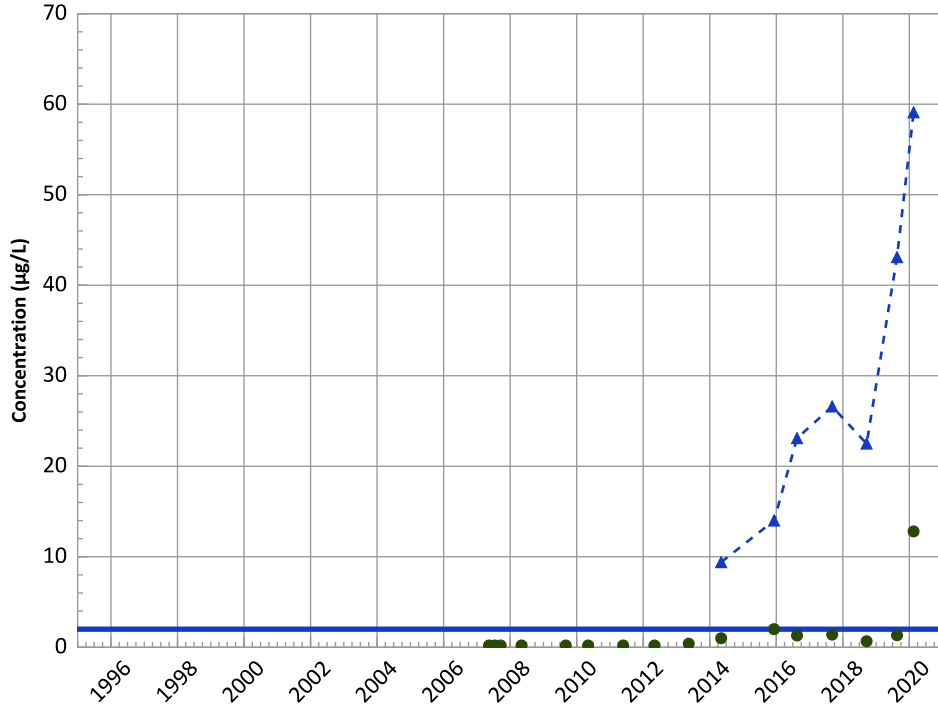
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 03/06/2007 to 02/17/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

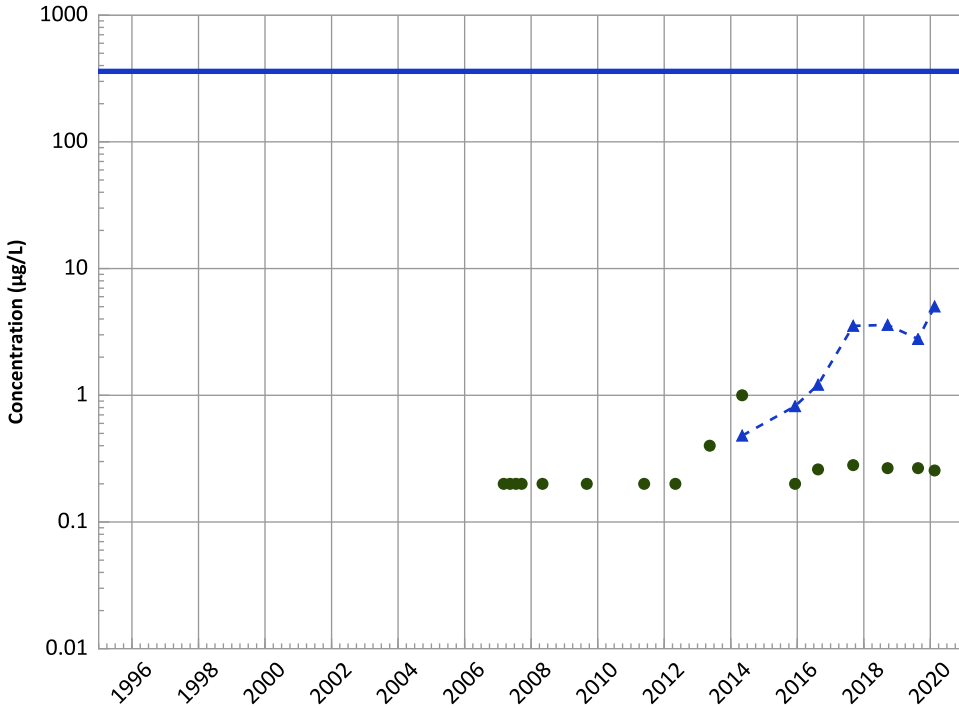
2018 - 2020 Data:

No Trend

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

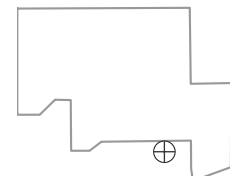
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

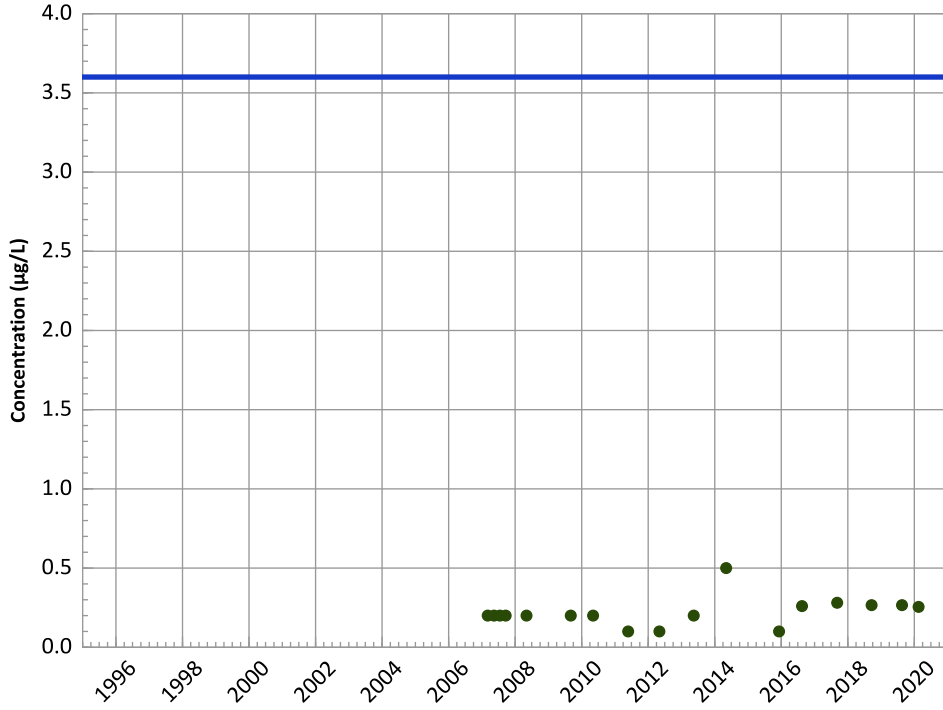
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

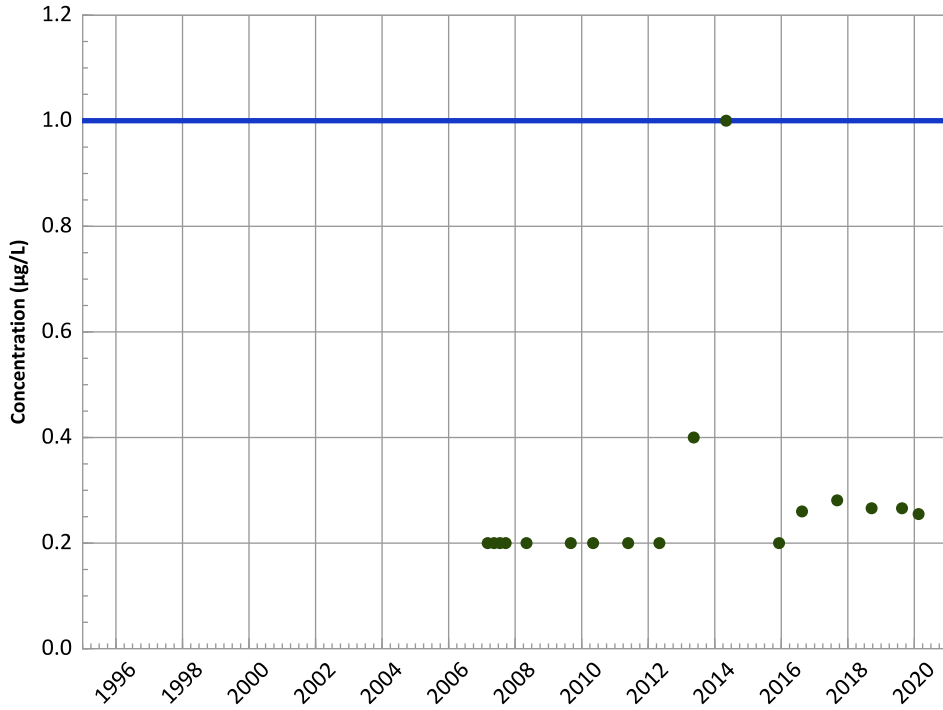
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

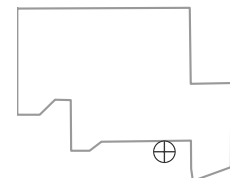
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

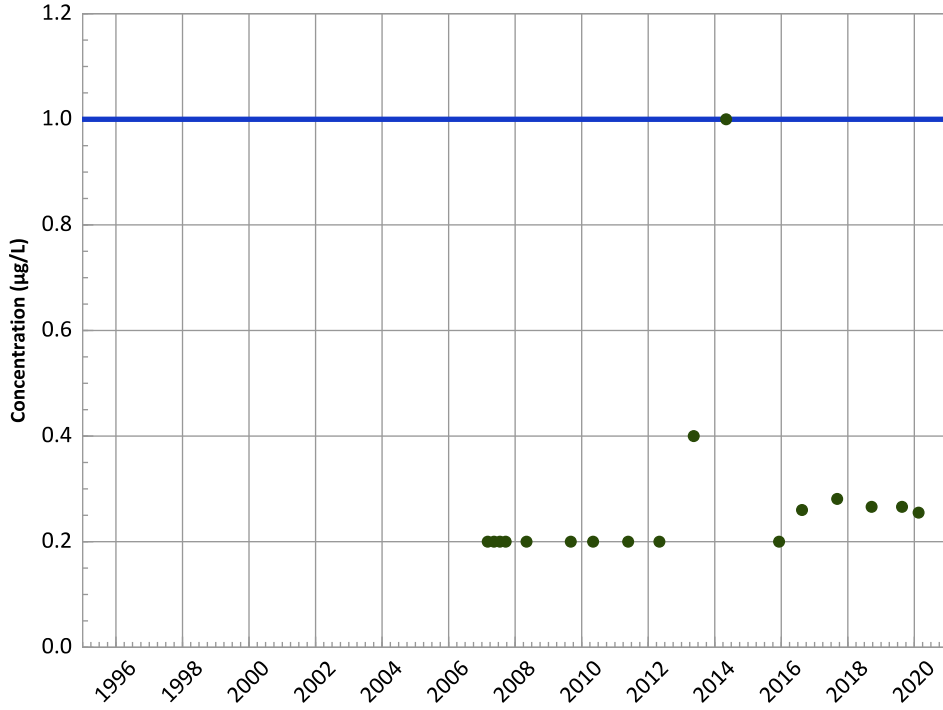
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

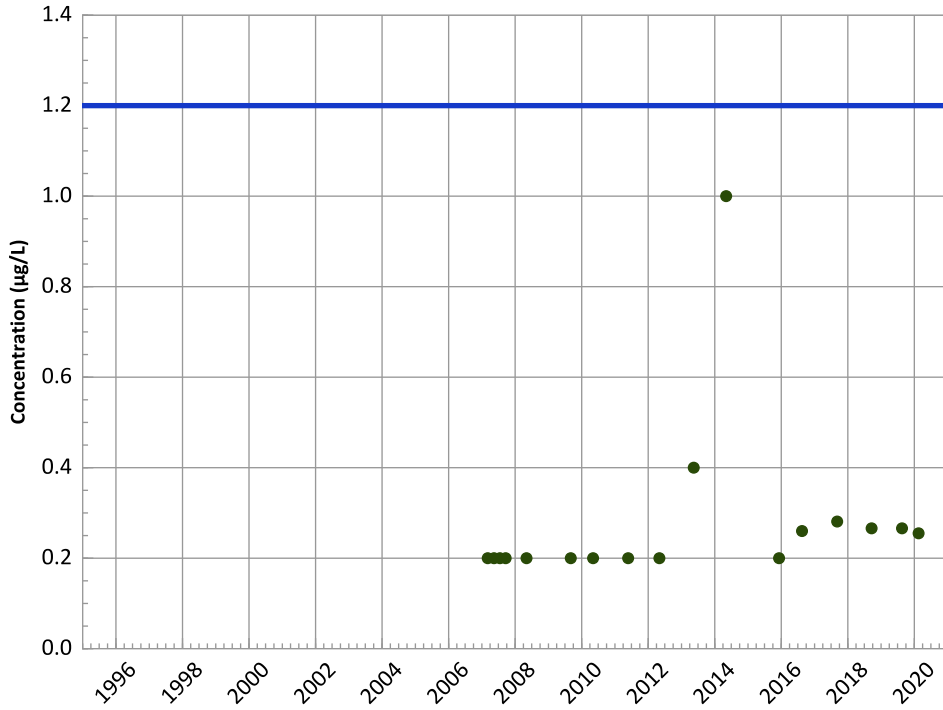
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

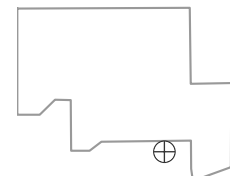
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

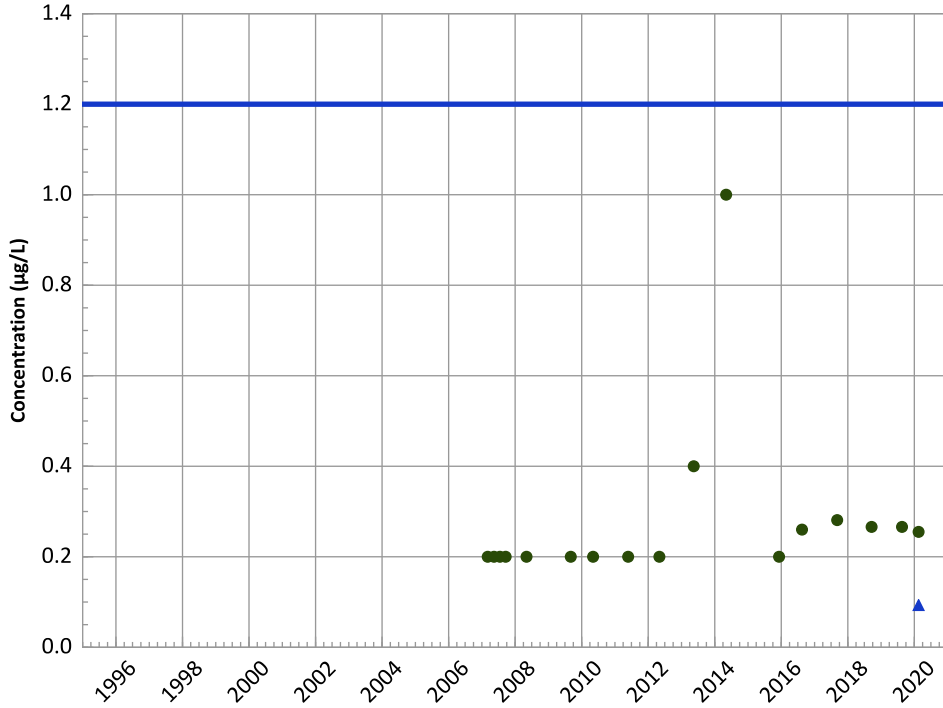


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

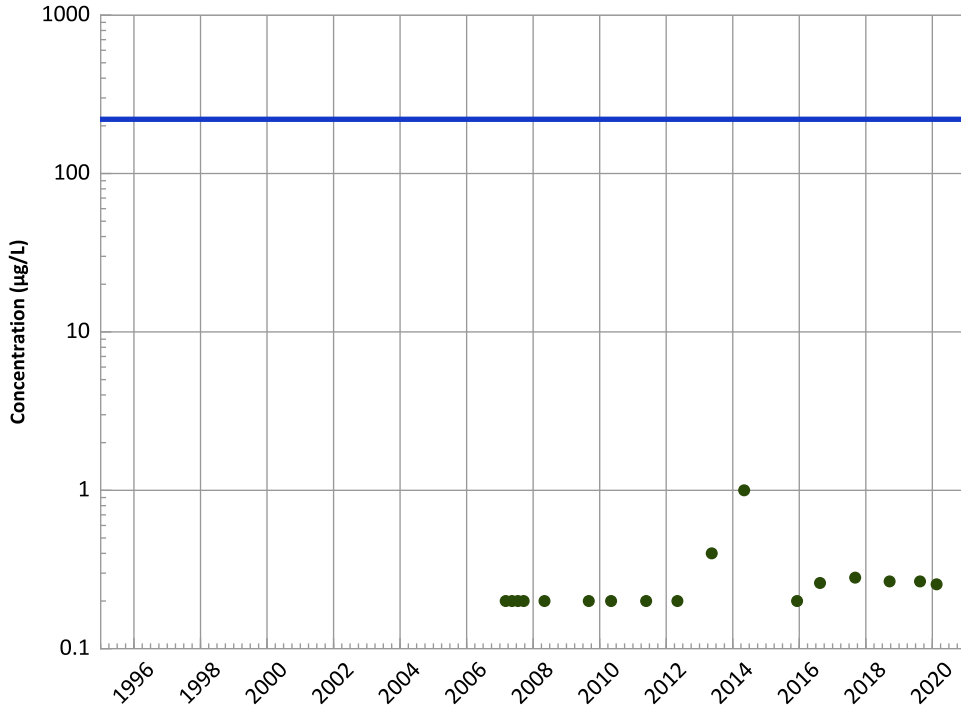
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

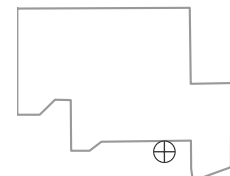
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

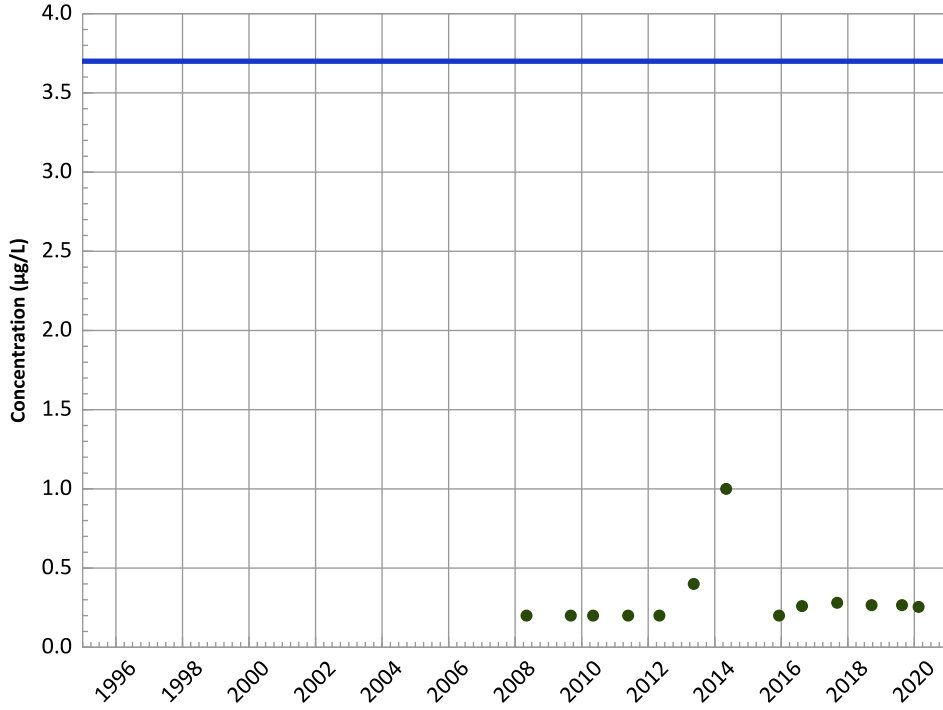


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

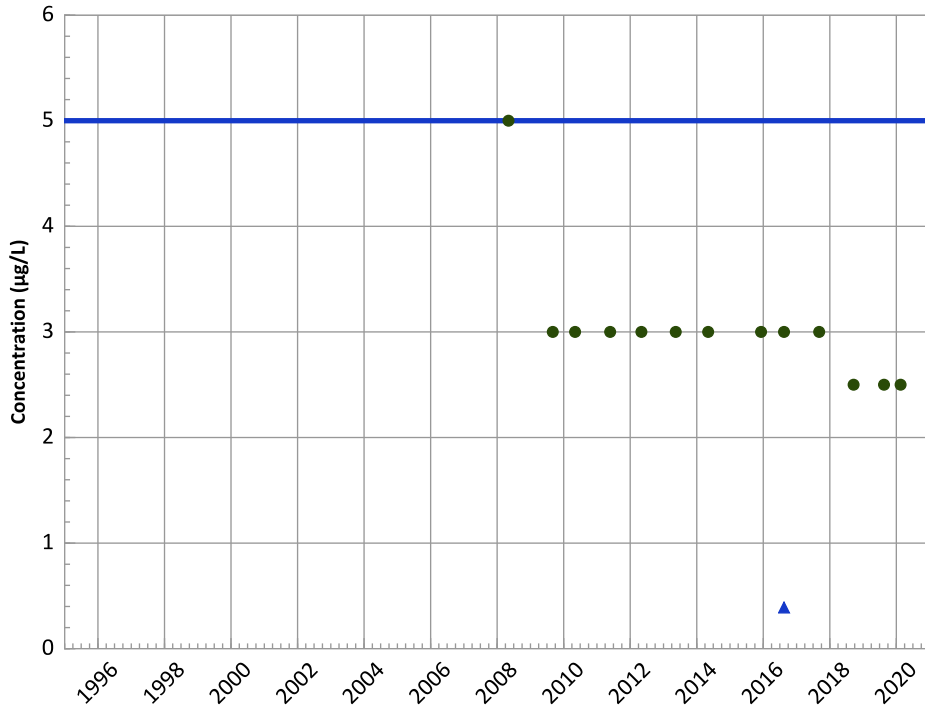
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

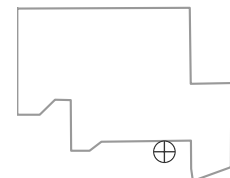
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

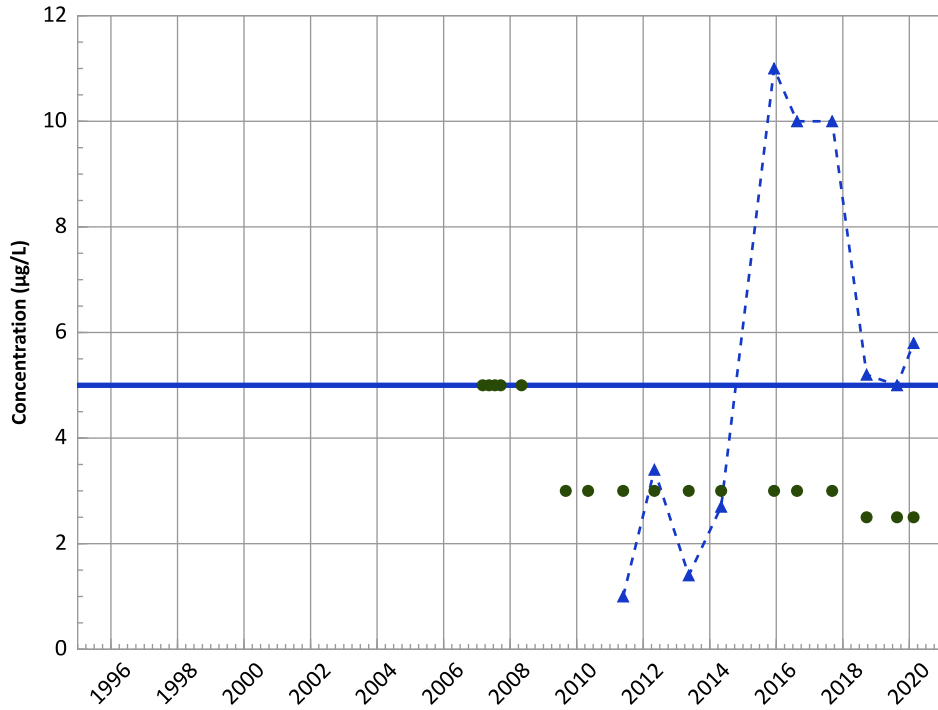
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

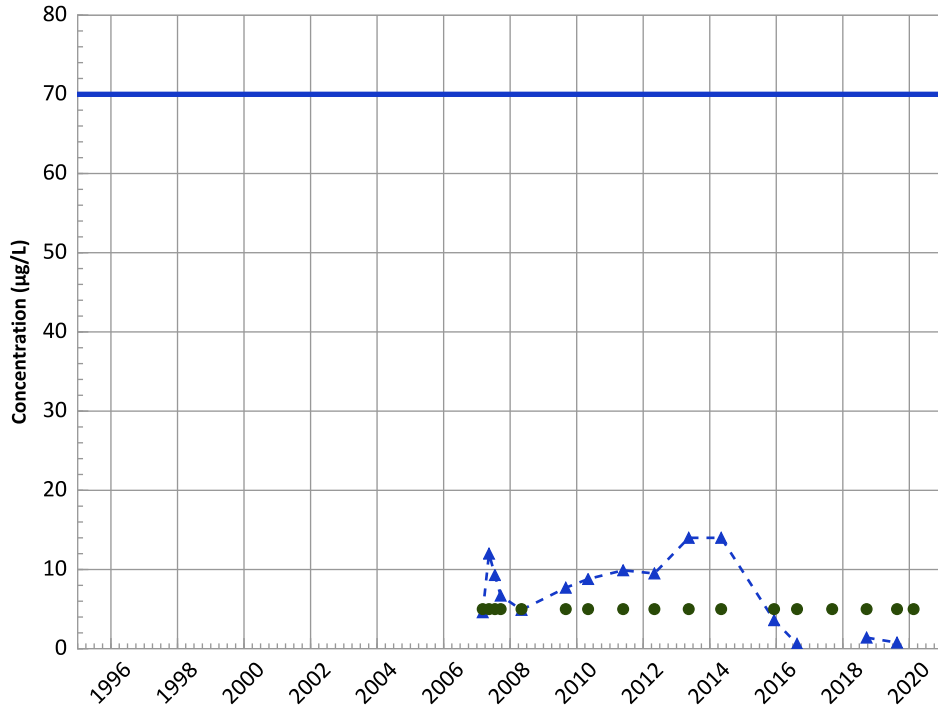
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

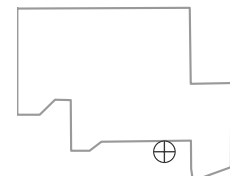
MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Decreasing

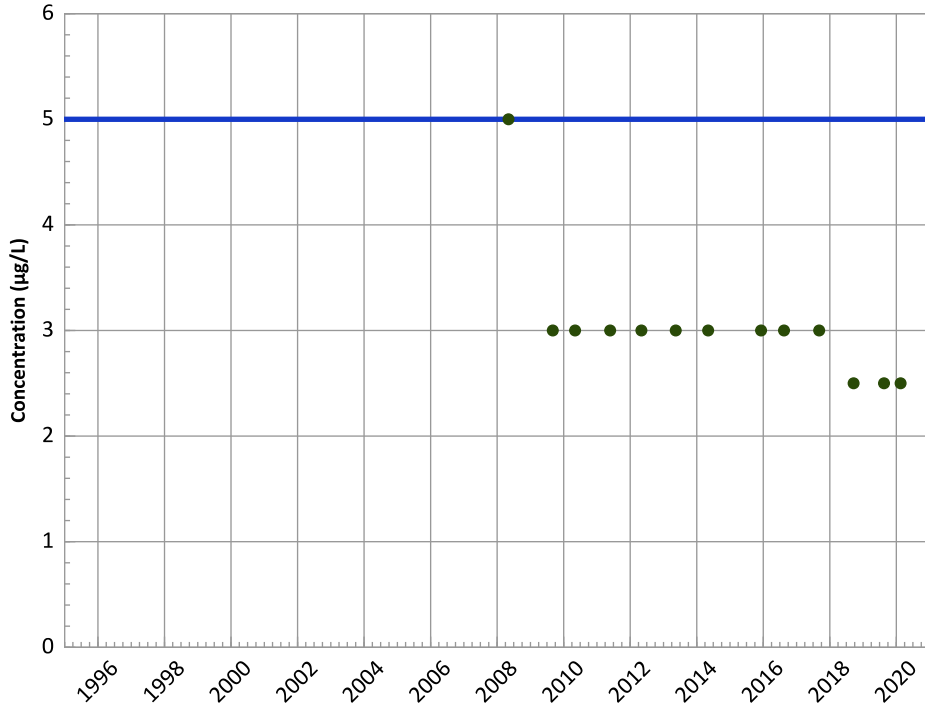
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

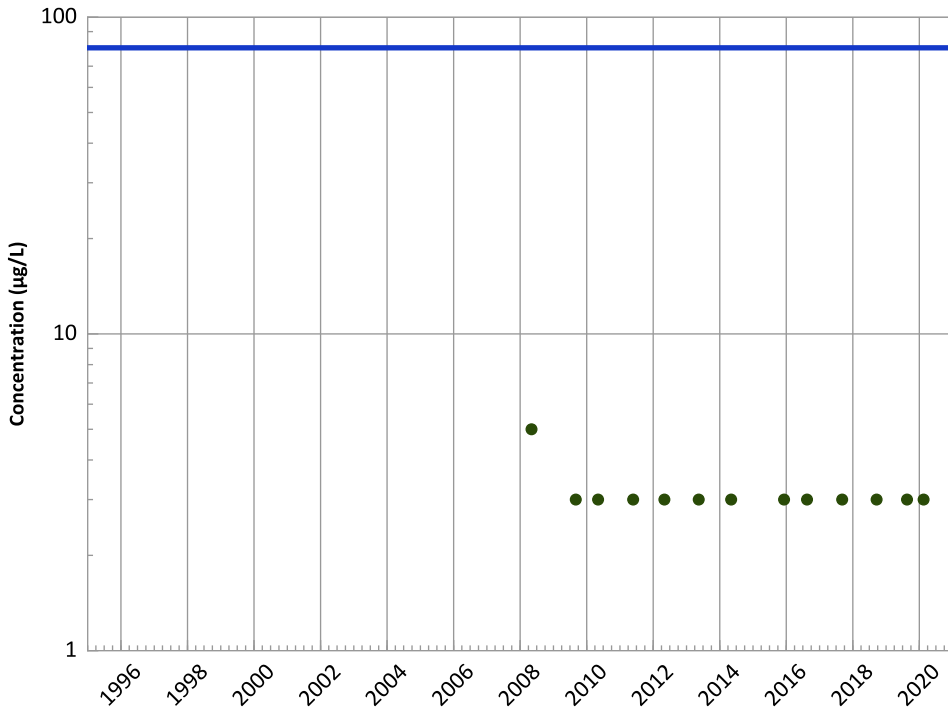
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

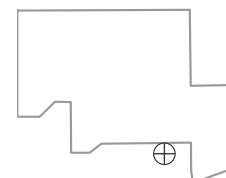
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

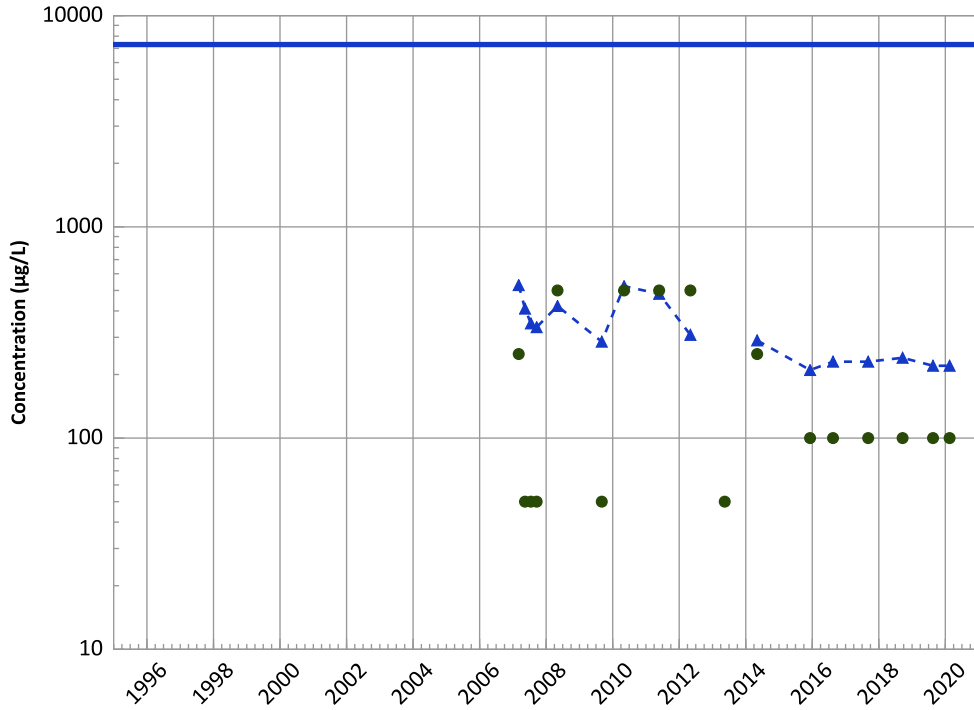
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

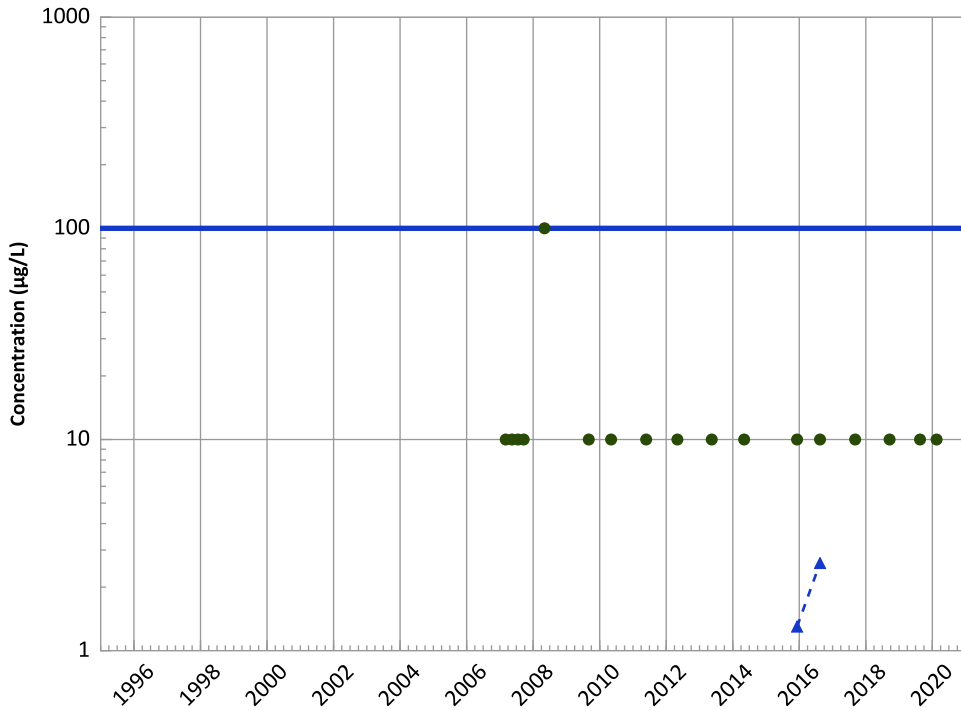
2018 - 2020 Data:

Stable

All Data:

Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

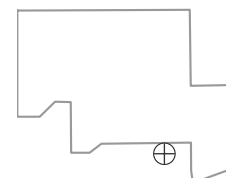
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

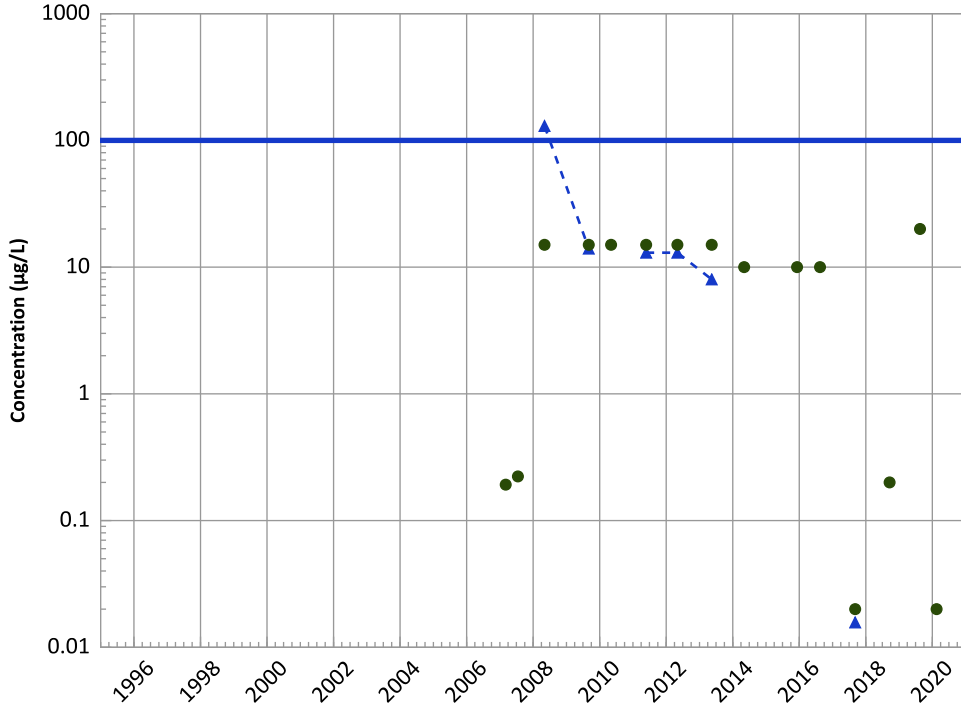


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

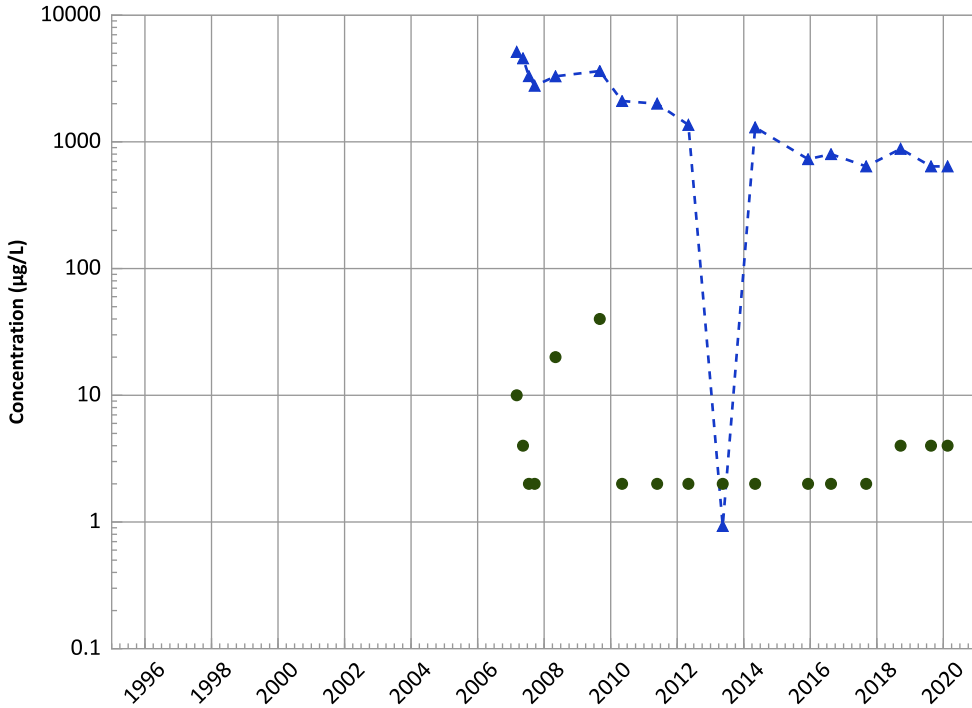


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Manganese Trend

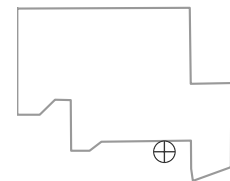


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Decreasing

Well Location

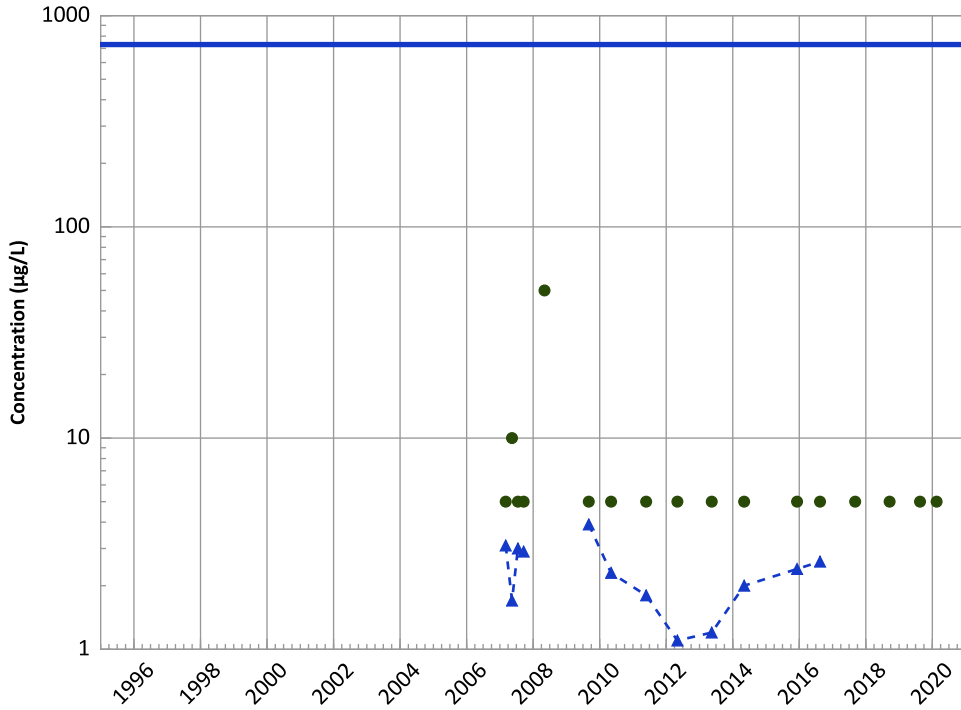


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

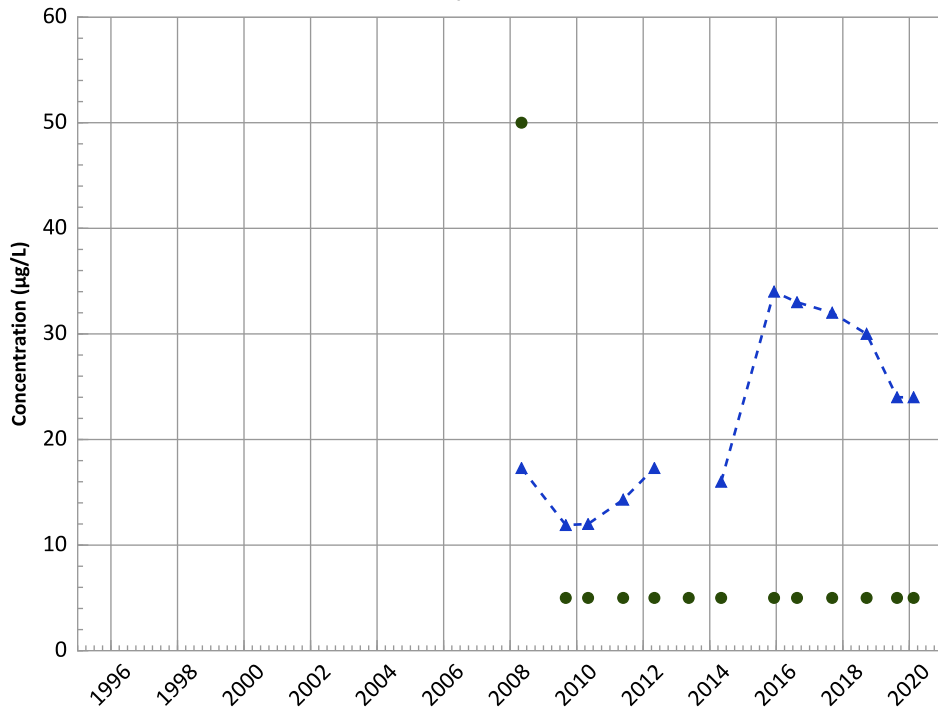
2018 - 2020 Data:

Increasing

All Data:

Stable

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

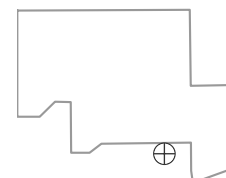
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Well Location

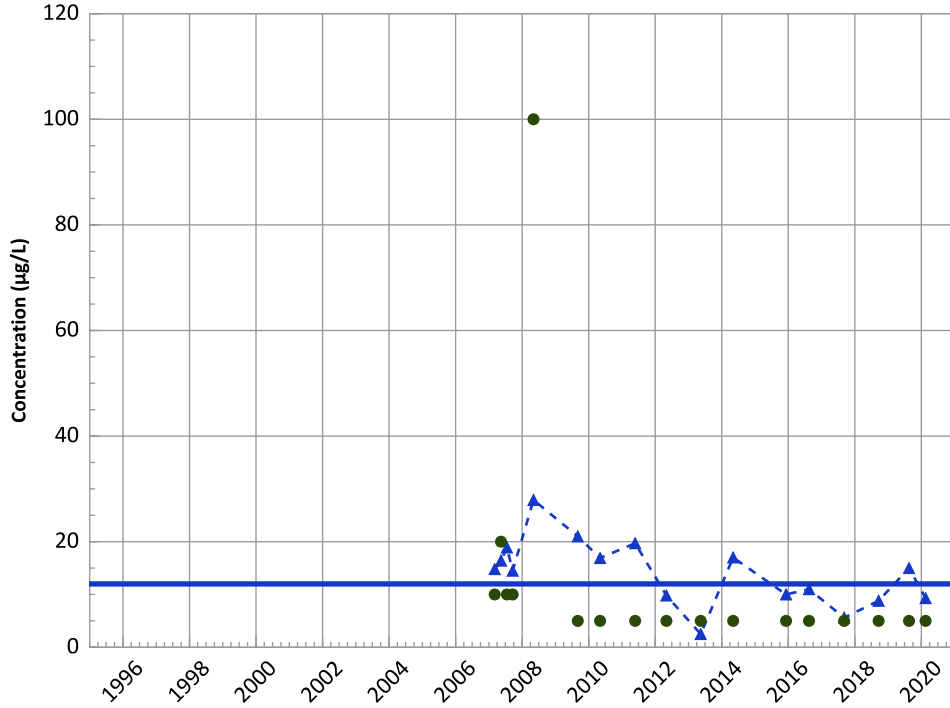


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

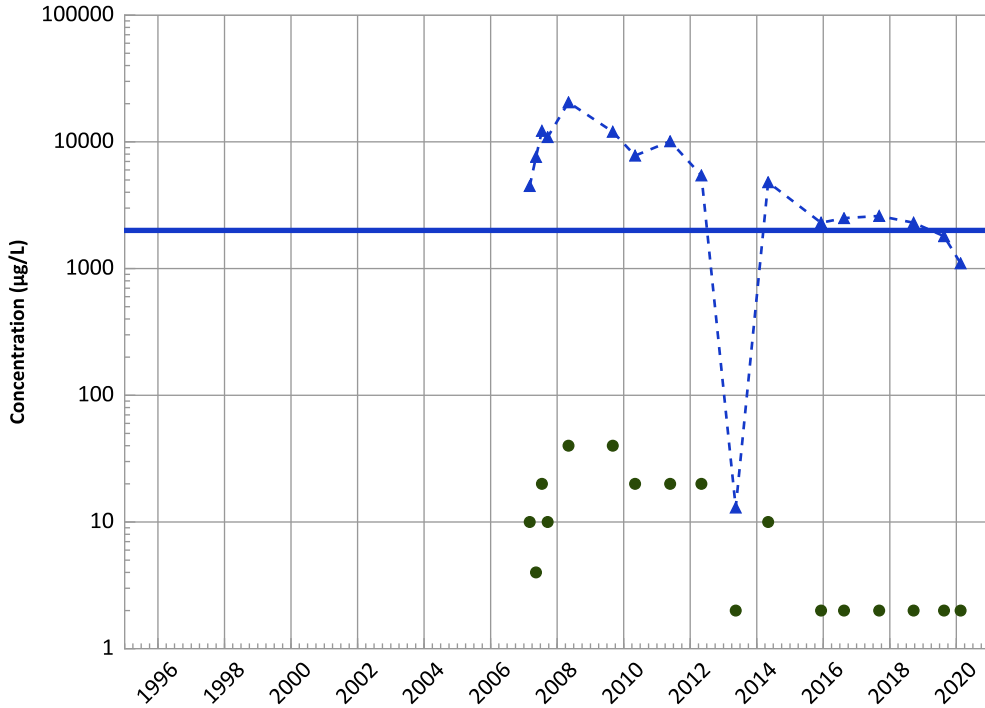
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

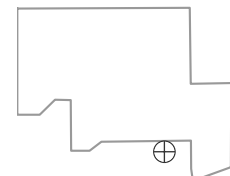
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

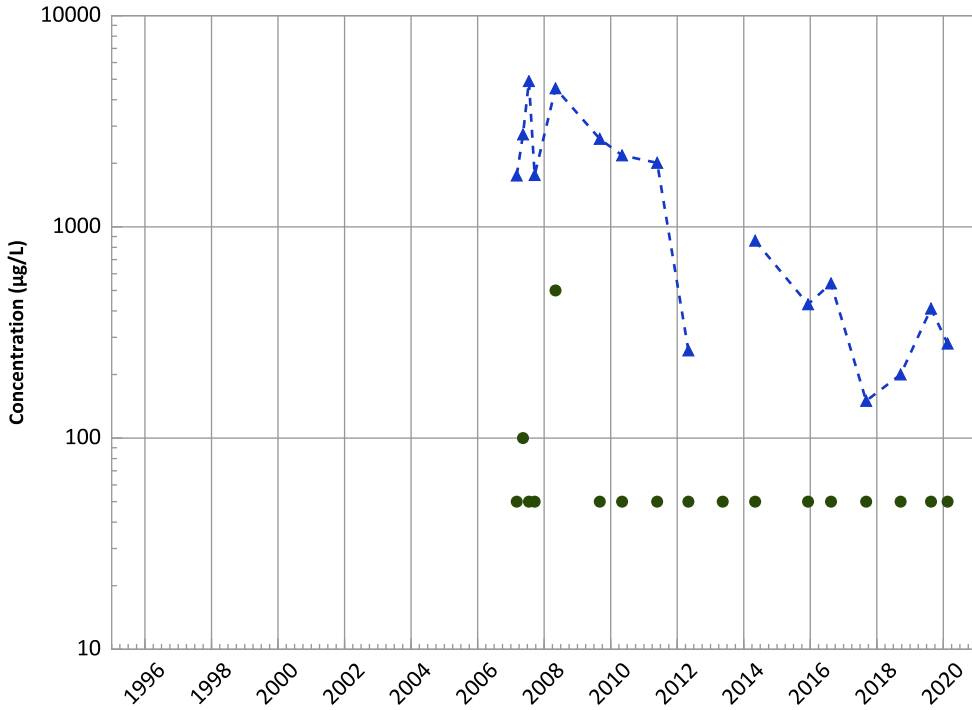
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

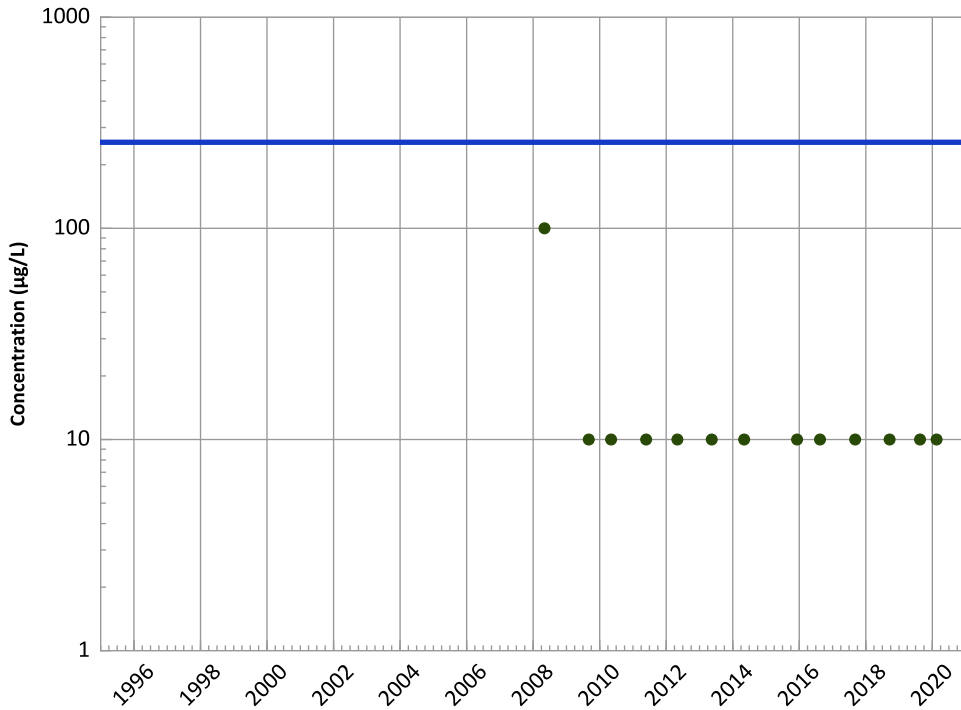
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

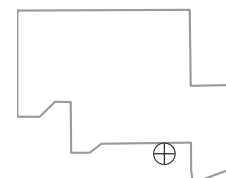
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

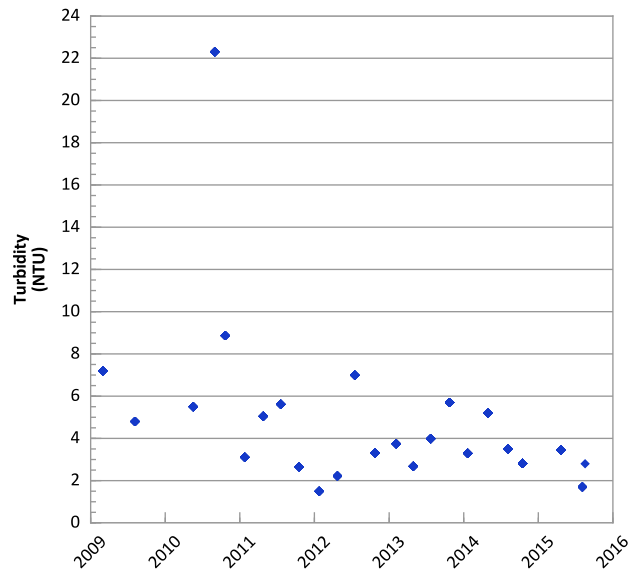
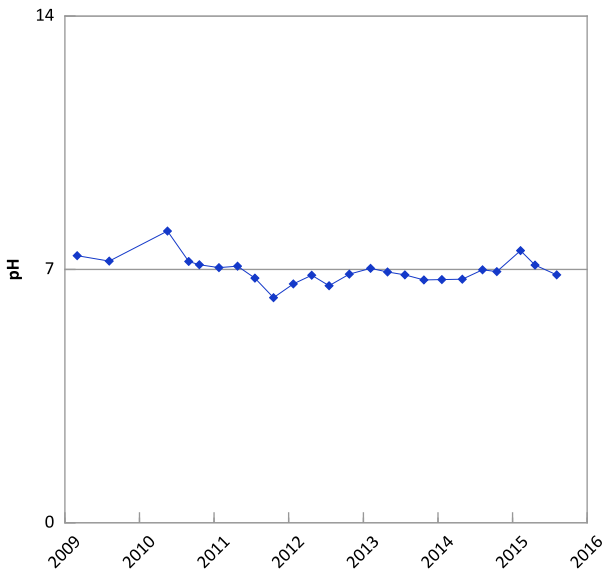
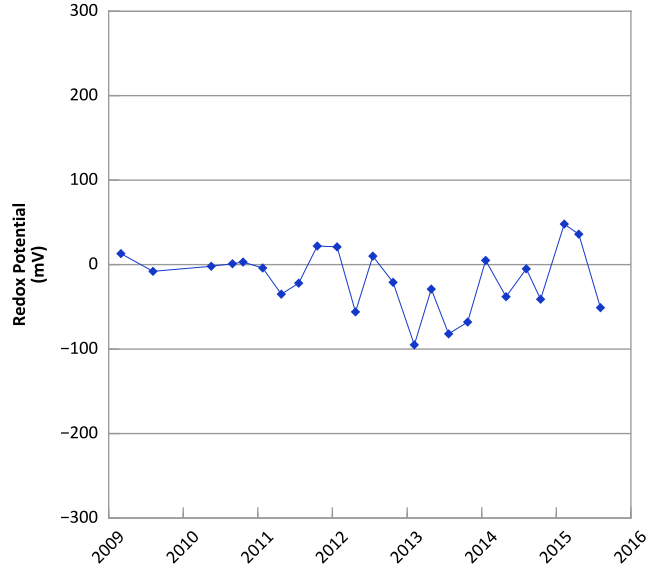
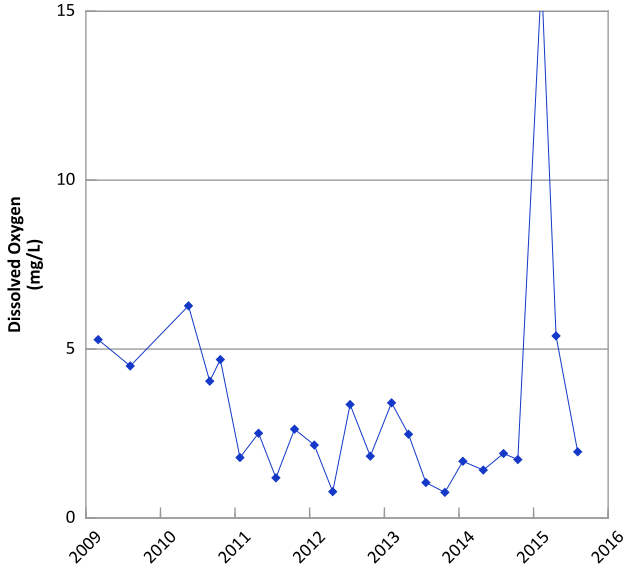
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 03/06/2007 to 02/17/2020
Analysis Date: 05/19/2021

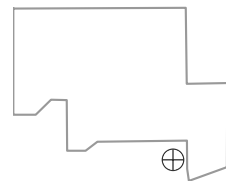
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



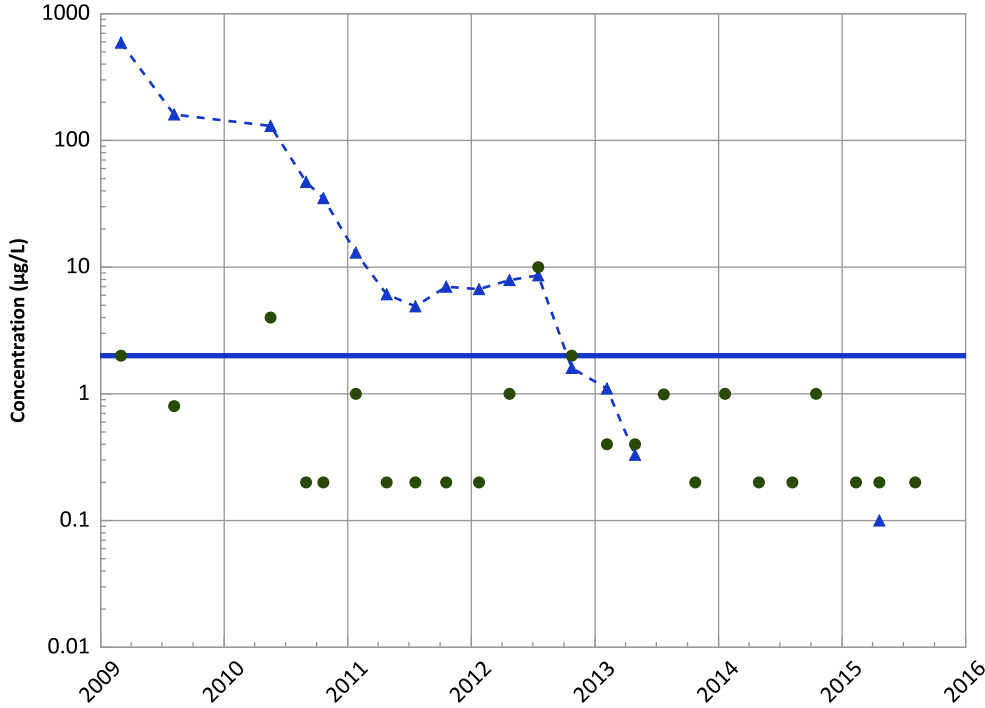
Query Date Range: 01/01/2009 to 12/31/2020
 Data Date Range: 03/02/2009 to 08/18/2015
 Analysis Date: 05/19/2021

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

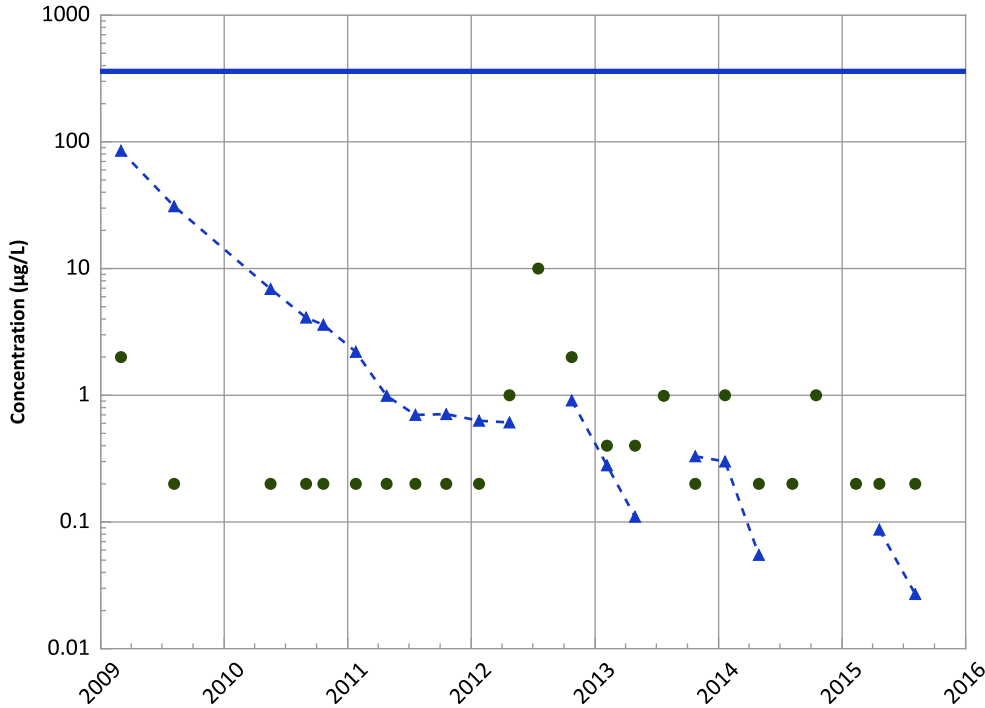


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

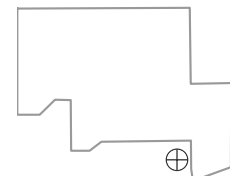


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Well Location

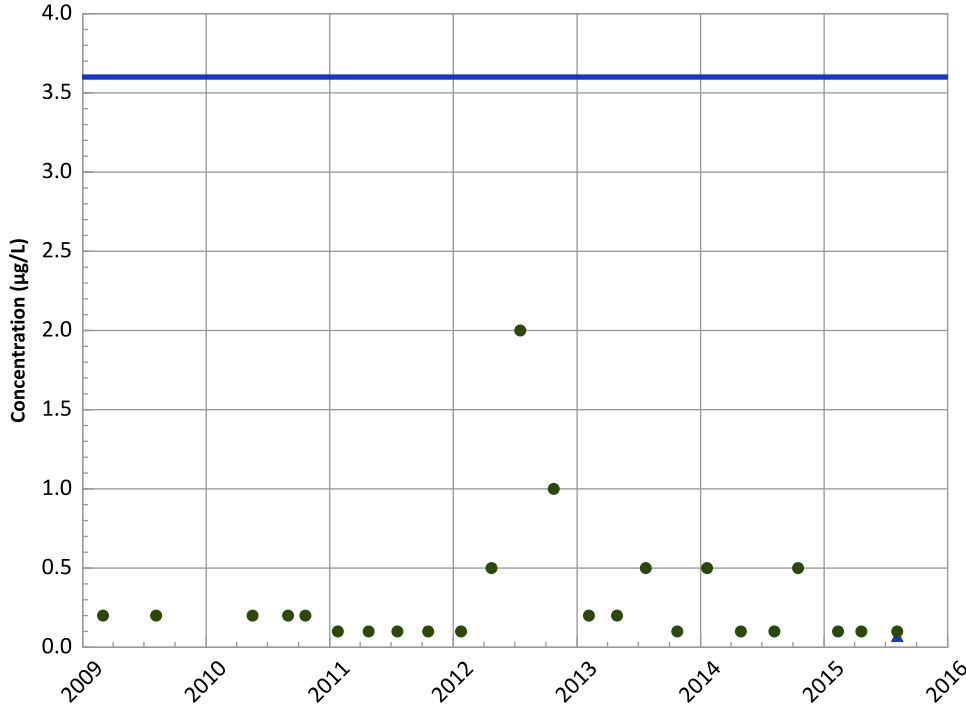


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

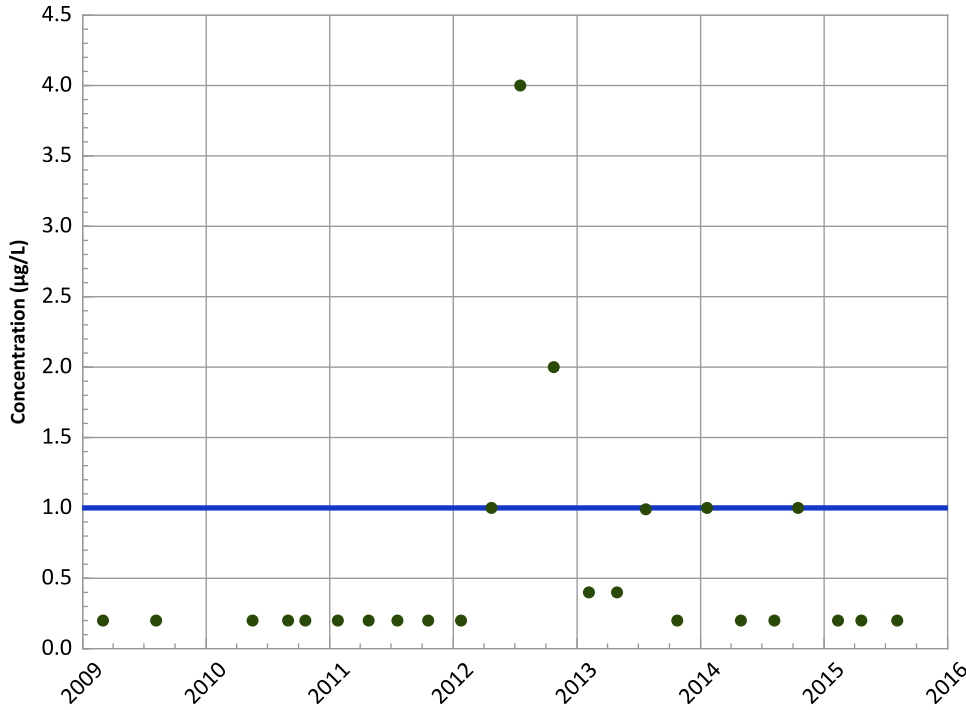


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

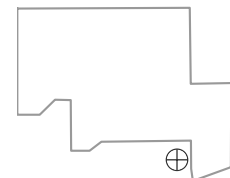
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

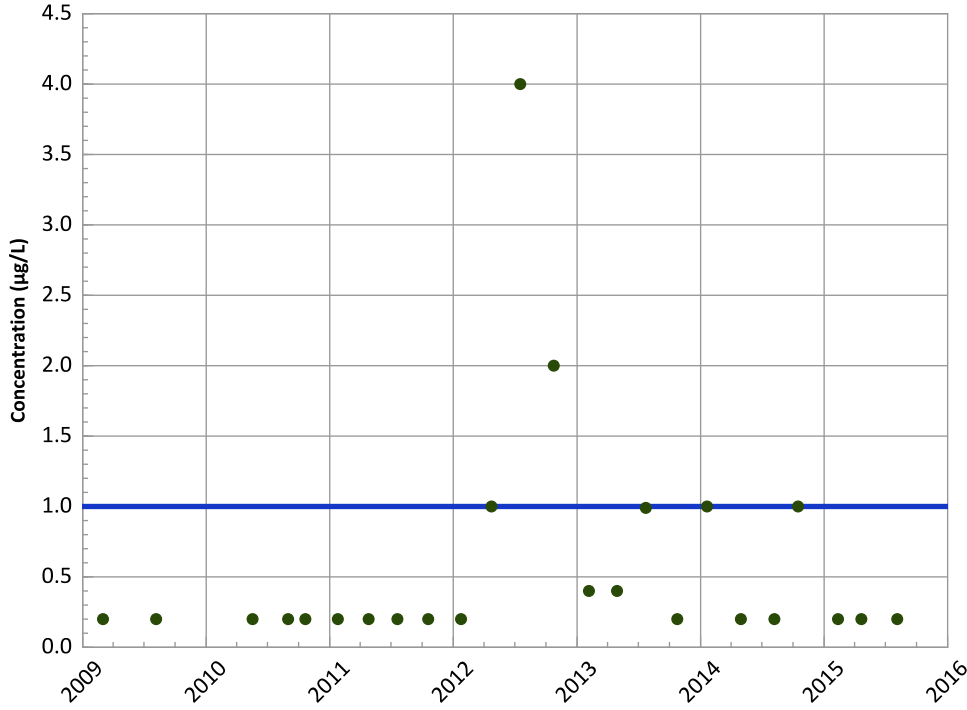
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

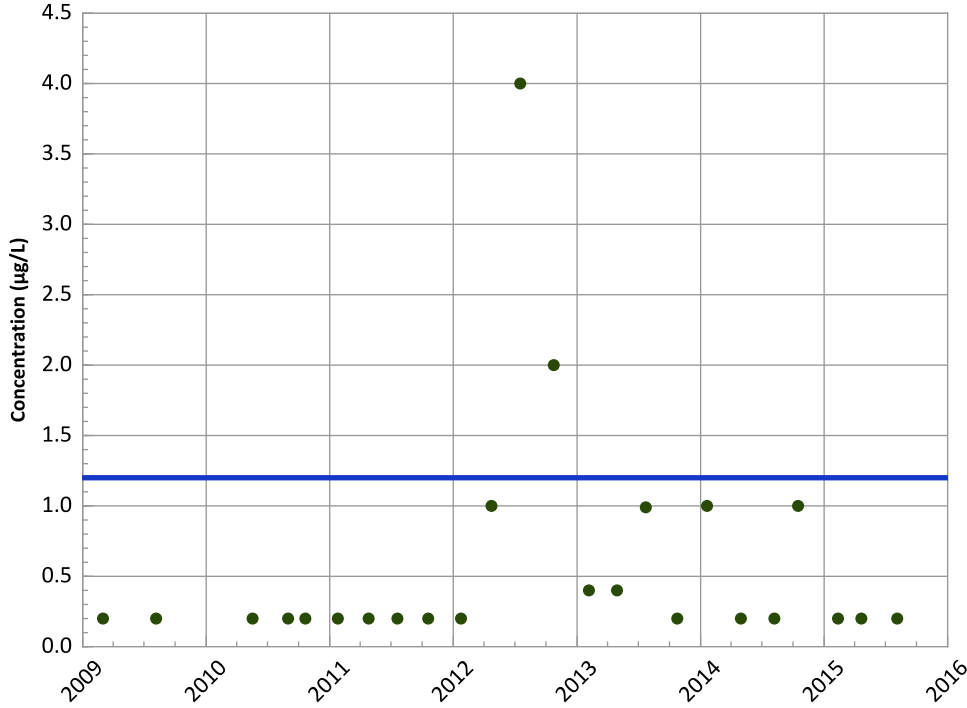
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

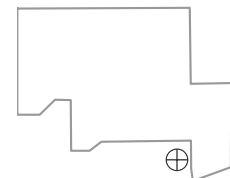
2018 - 2020 Data:

All Non-Detect

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

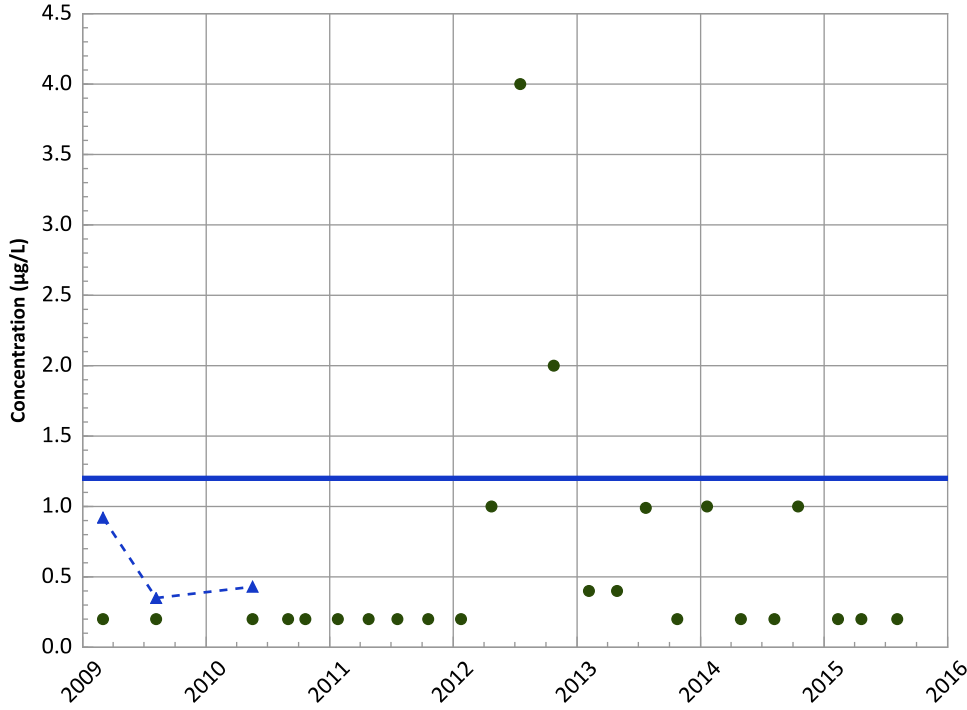
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

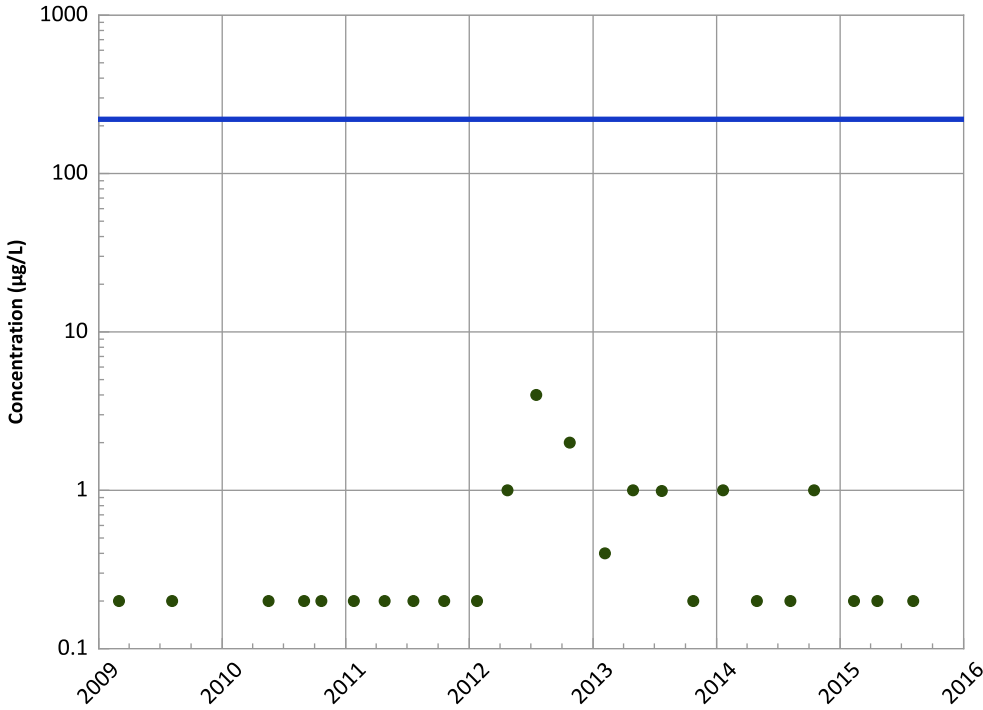


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

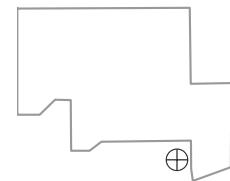


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Well Location

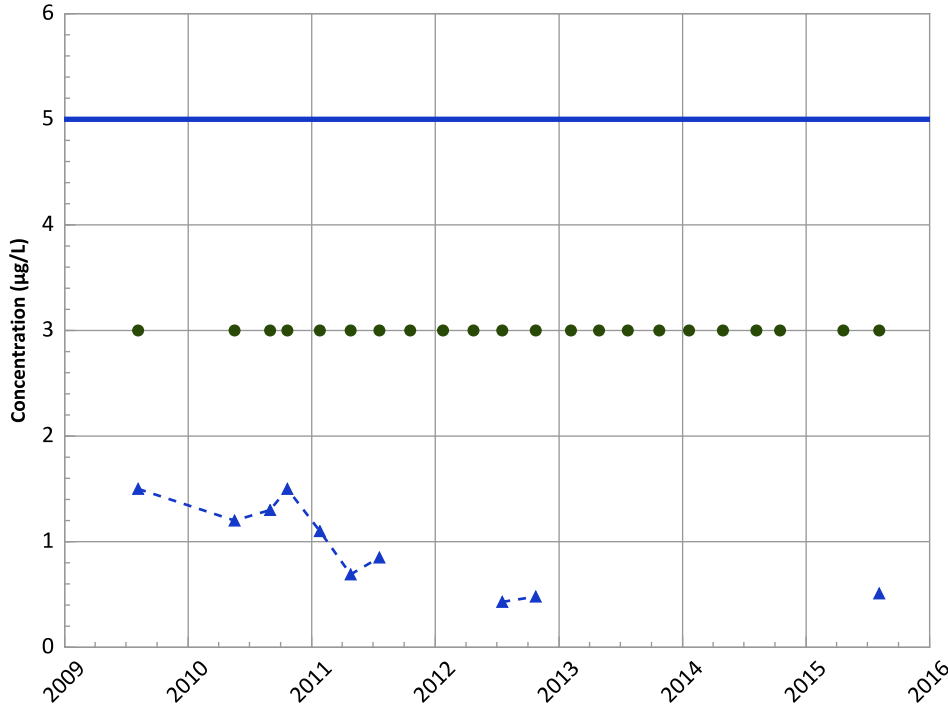


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Probably Decreasing

cis-1,2-Dichloroethene Trend

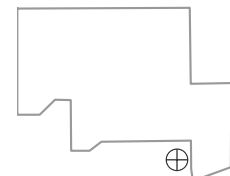


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Stable

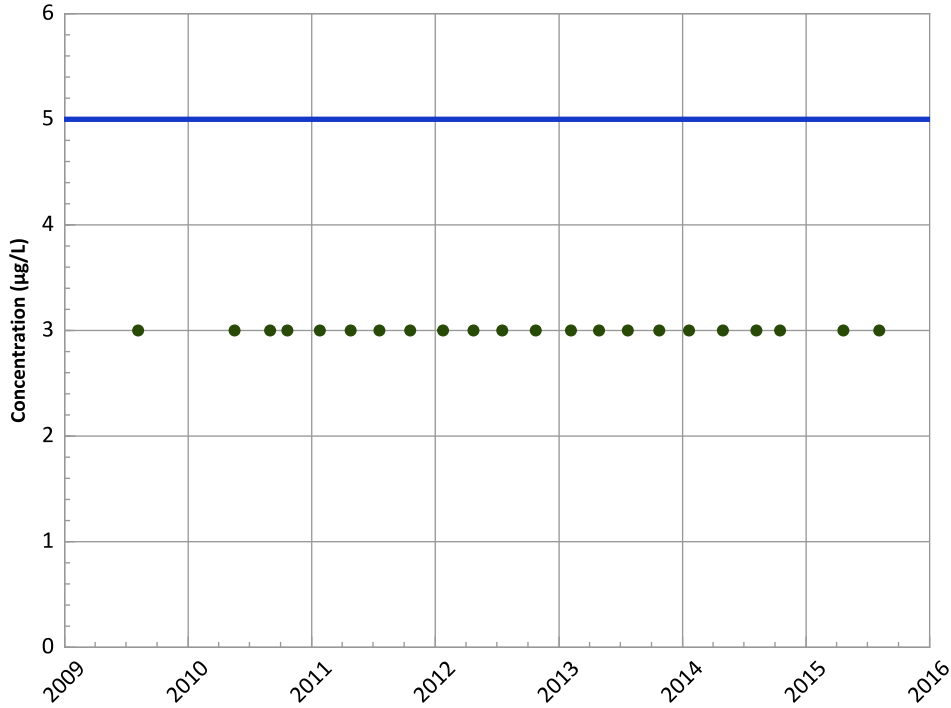
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

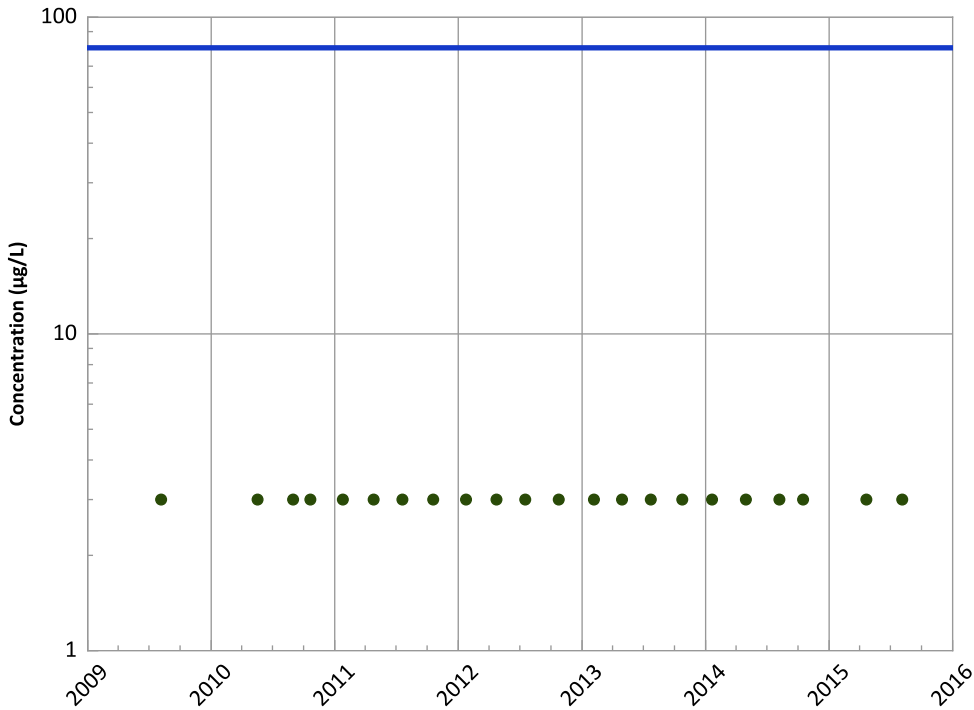


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

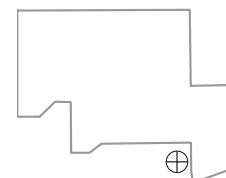
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

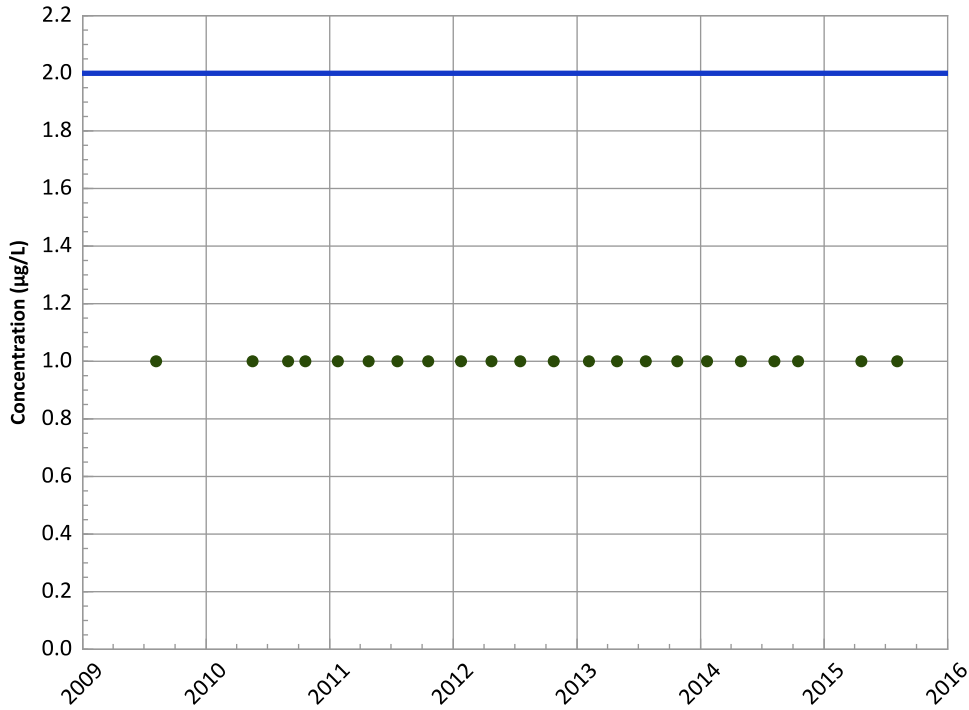
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vinyl Chloride Trend**

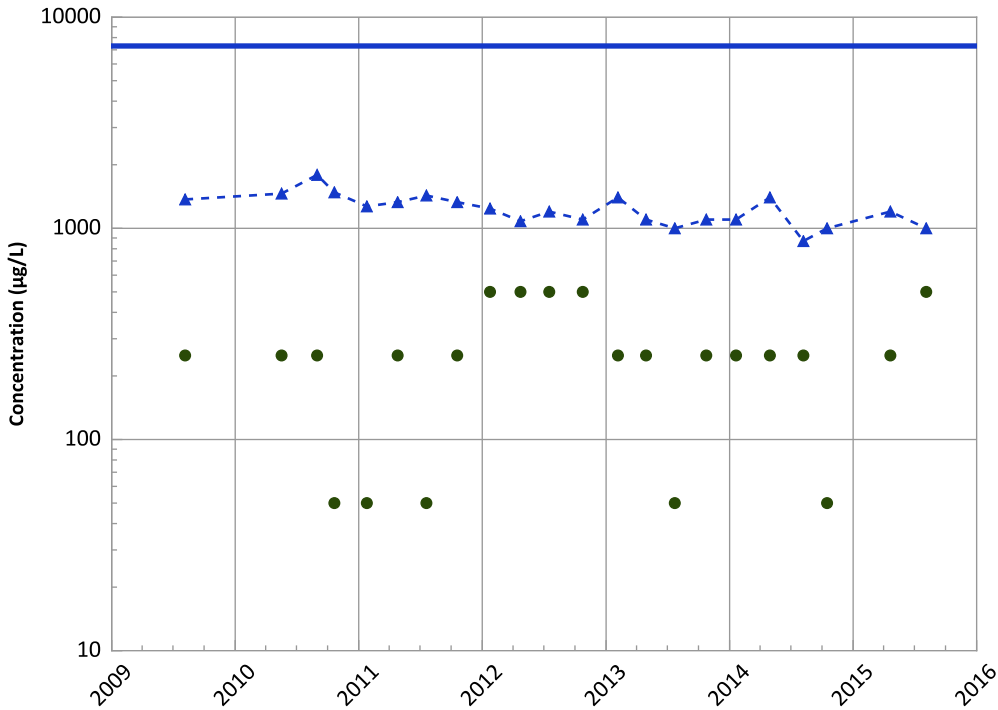


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

Boron Trend

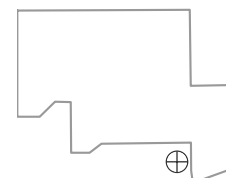


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Well Location

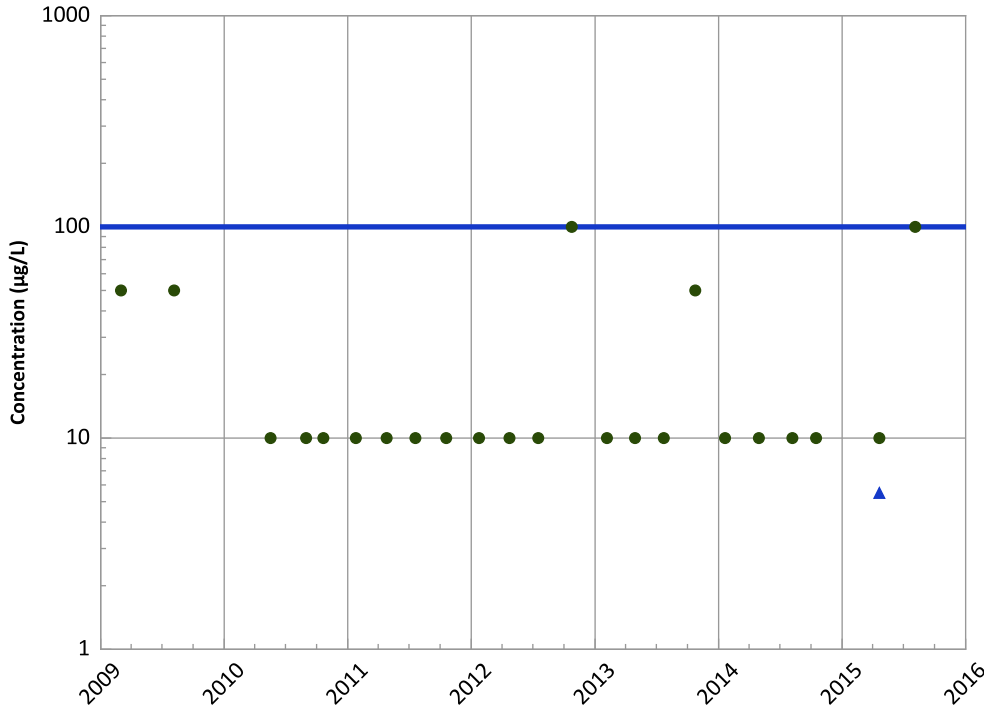


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant**

Chromium, Total Trend

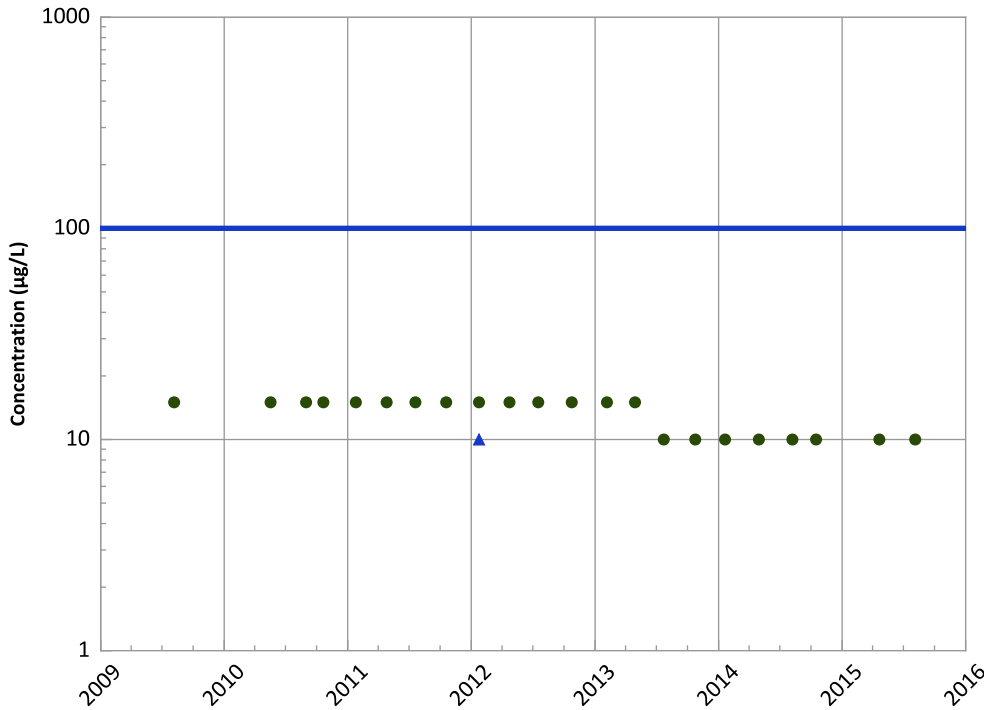


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend

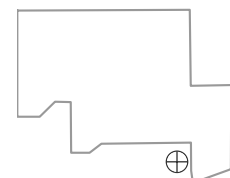


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
All Non-Detect

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

Well Location

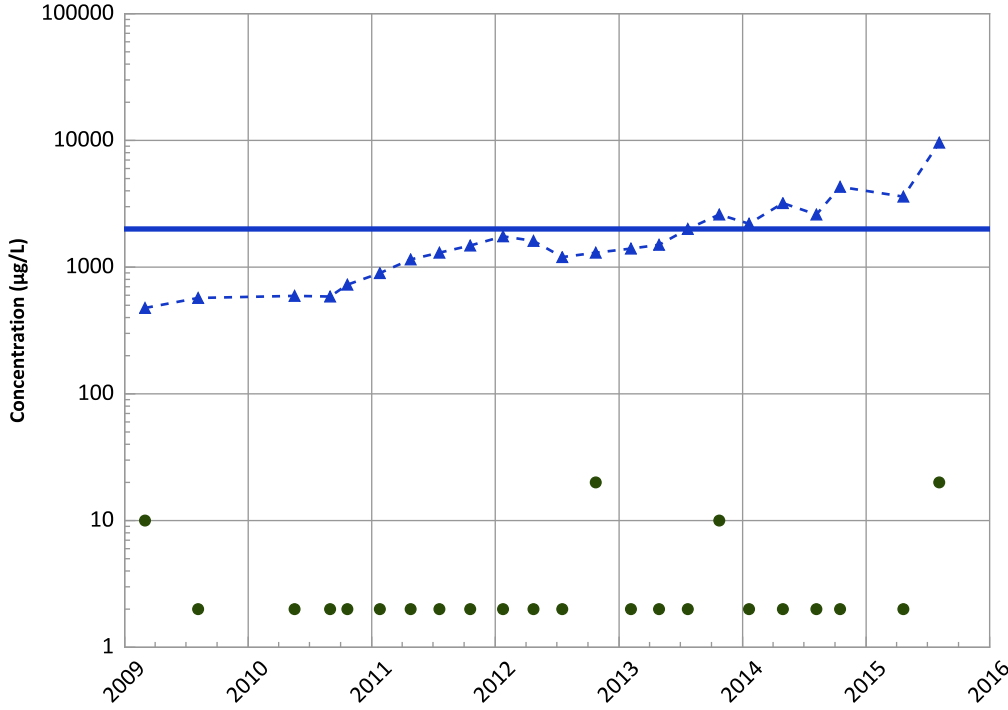


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

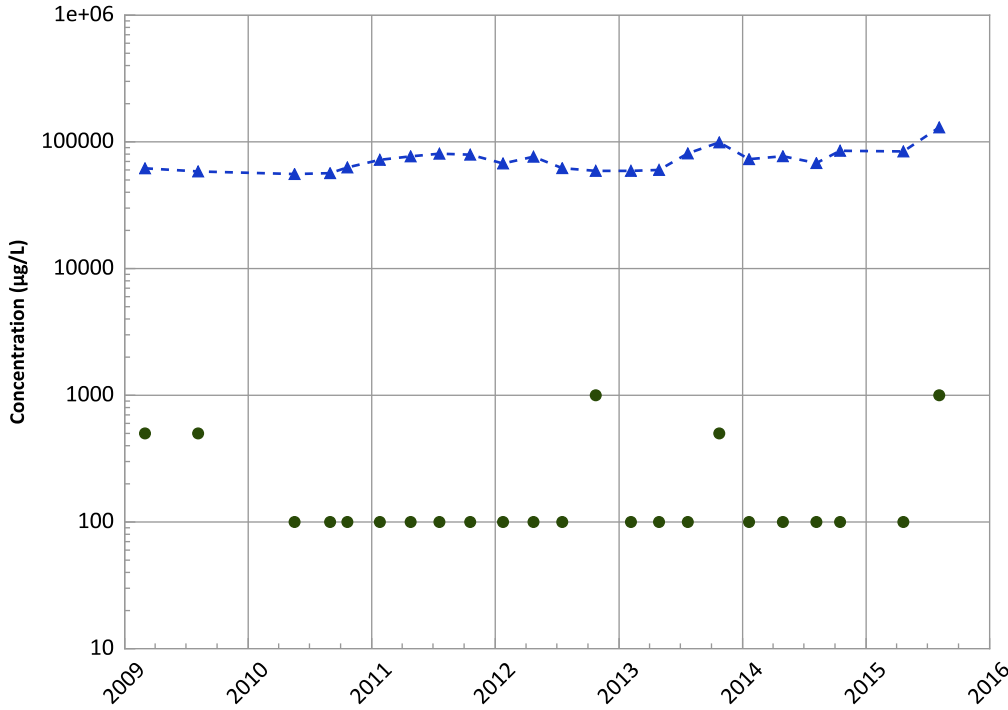


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Calcium Trend



Concentration Trend

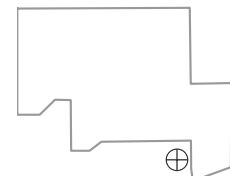
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Probably Increasing

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

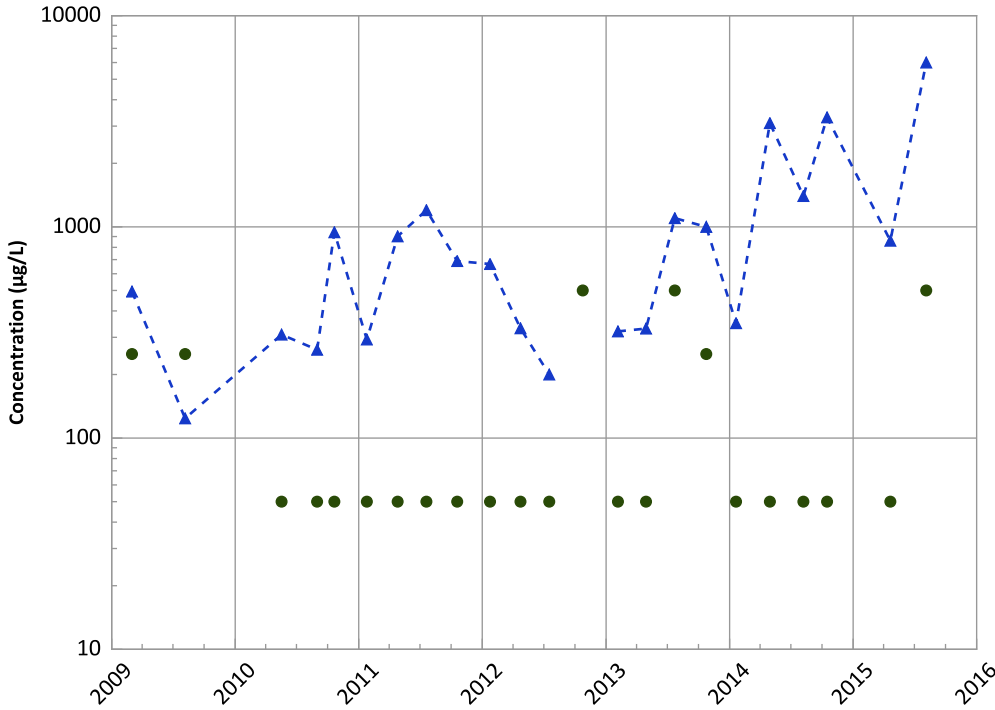
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

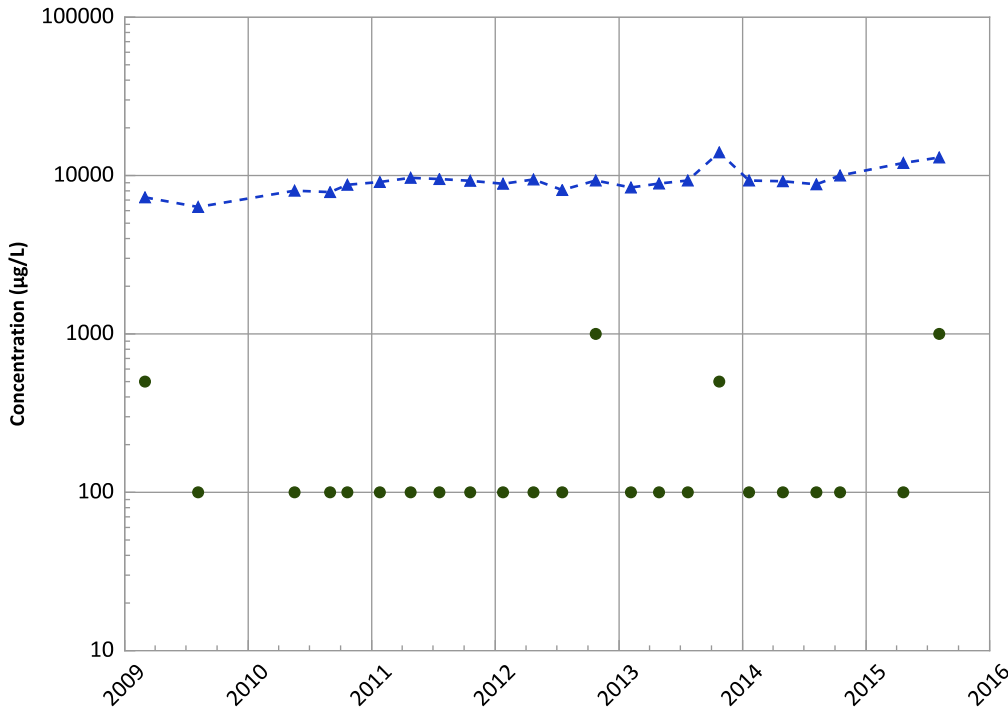


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Potassium Trend

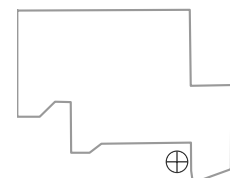


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

Well Location

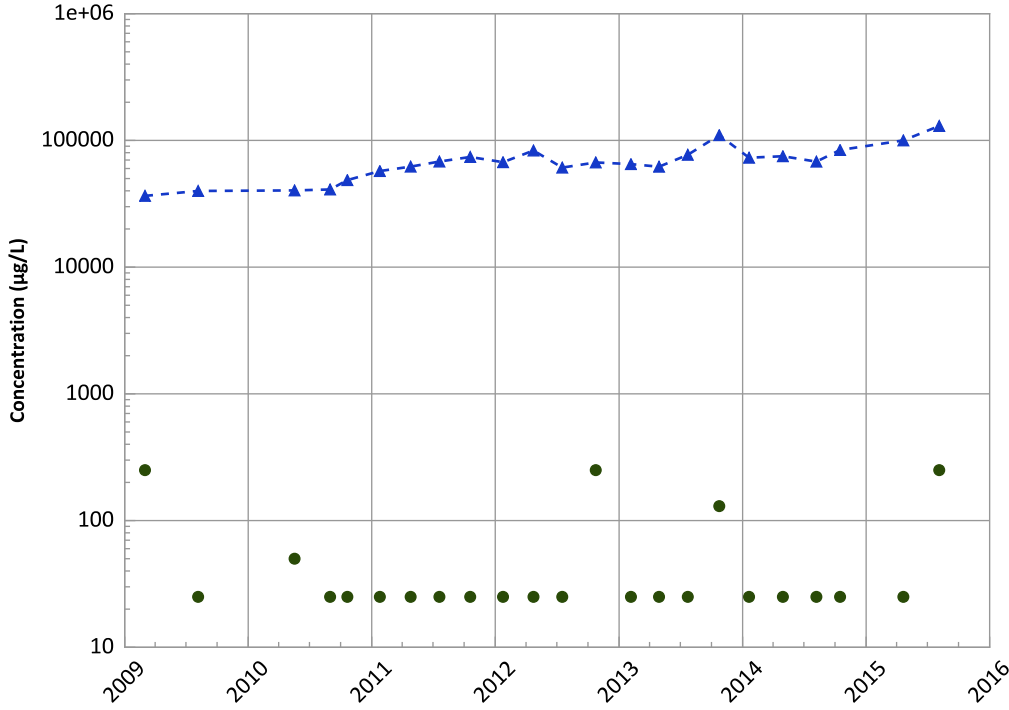


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

MAROS Linear Regression Method

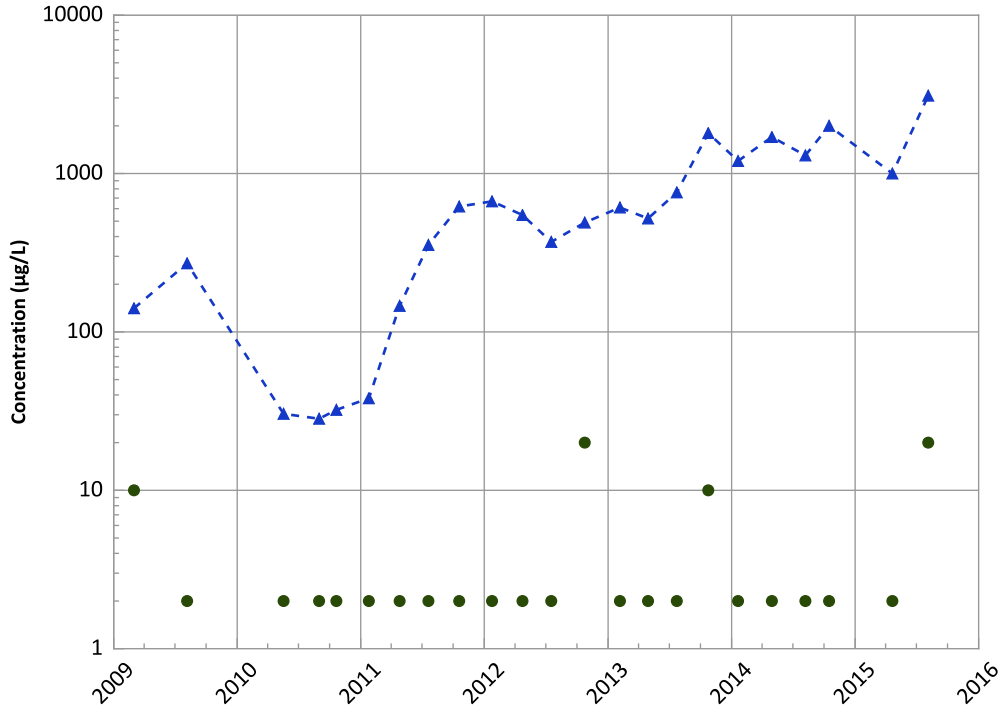
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

No Trend

MAROS Linear Regression Method

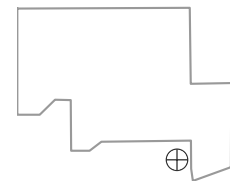
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

No Trend

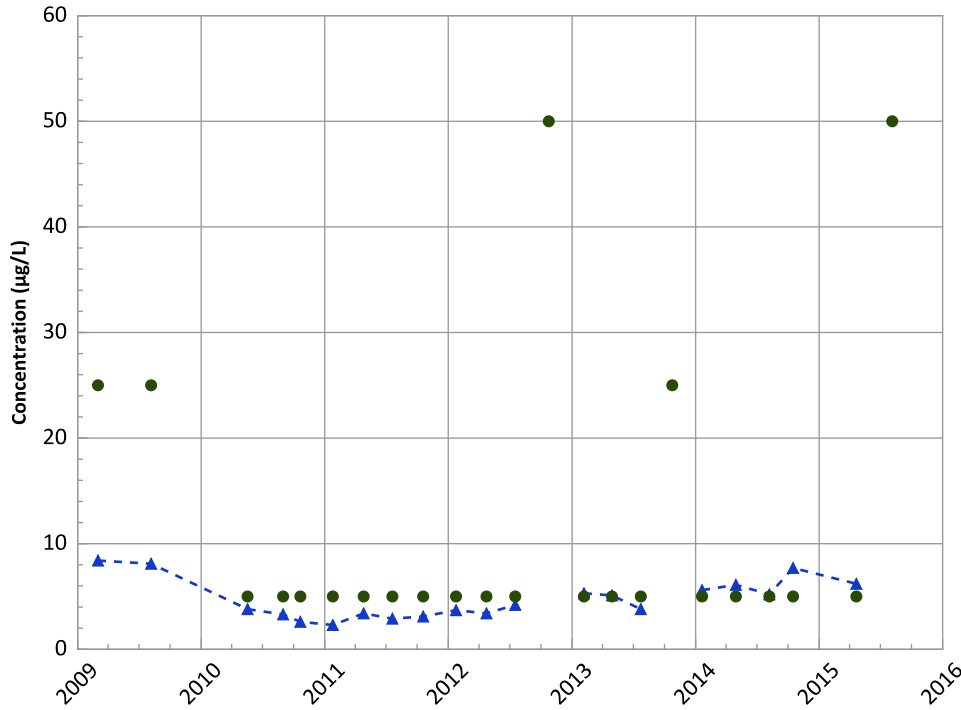
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

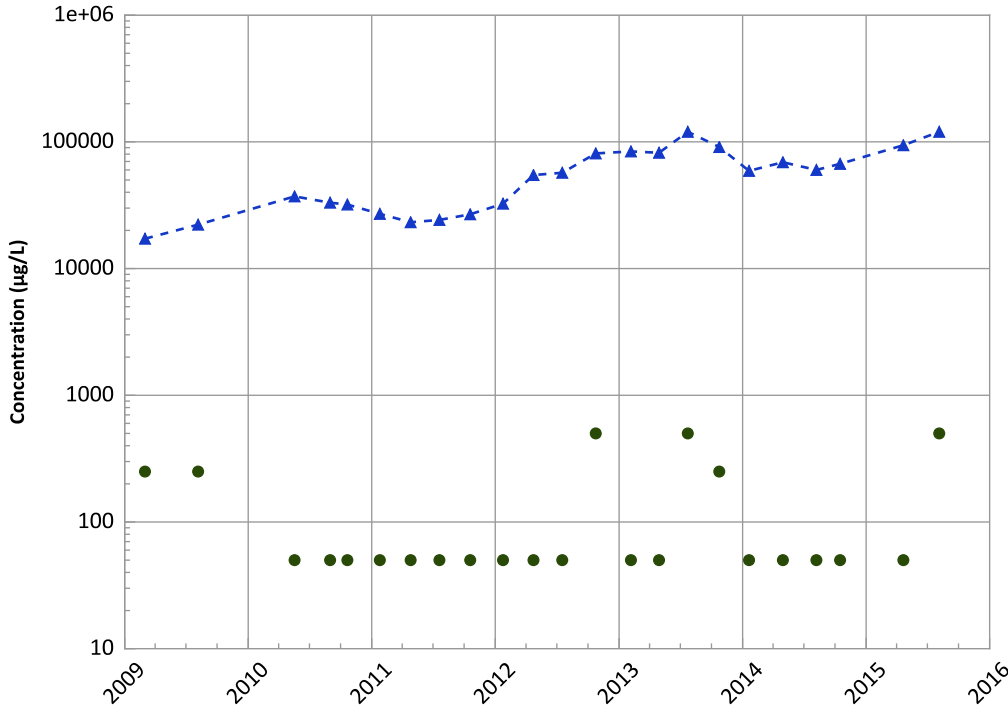


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Sodium Trend



Concentration Trend

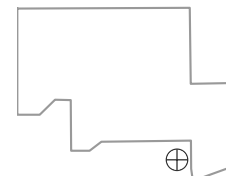
MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

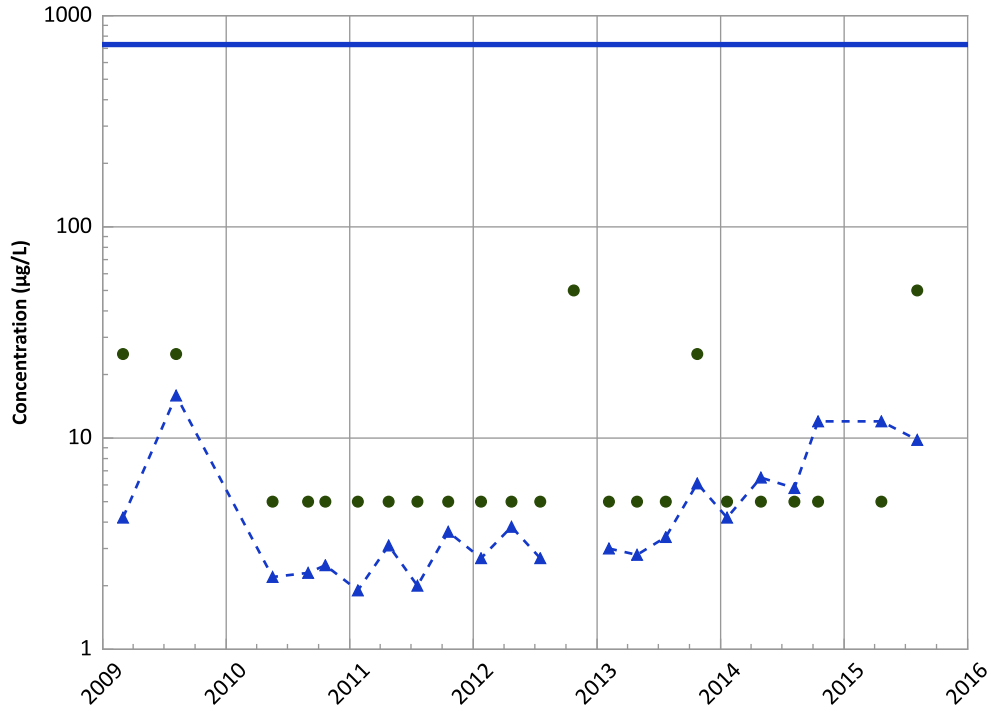
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

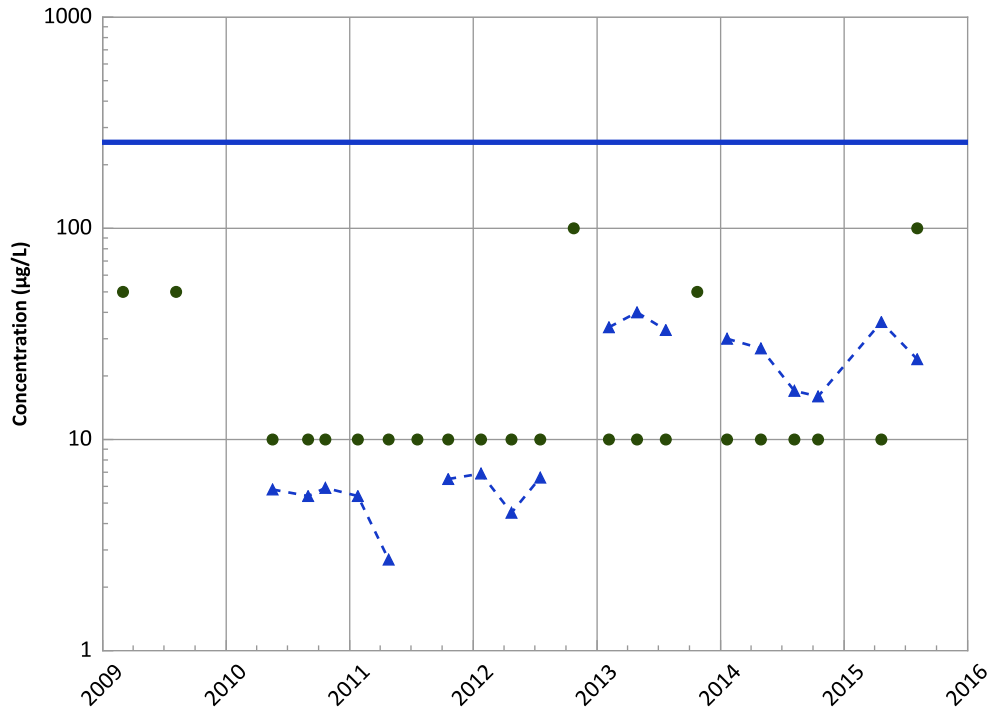


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

Vanadium Trend

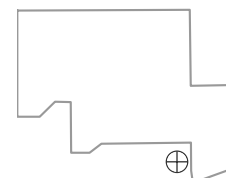


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
No Trend

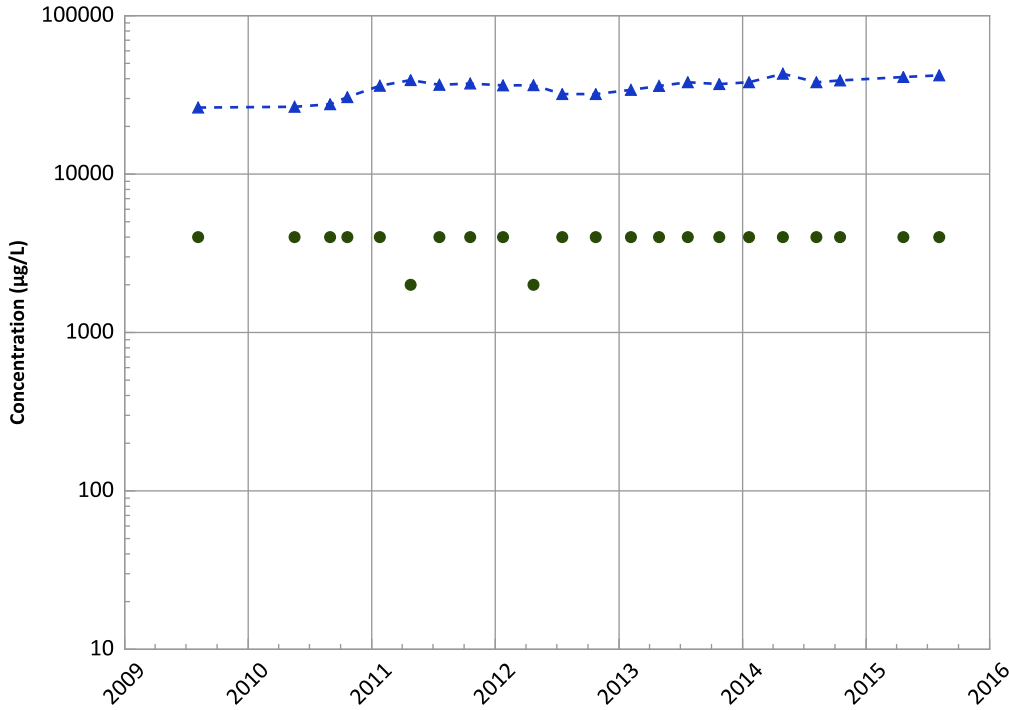
Well Location



Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloride (as Cl) Trend**

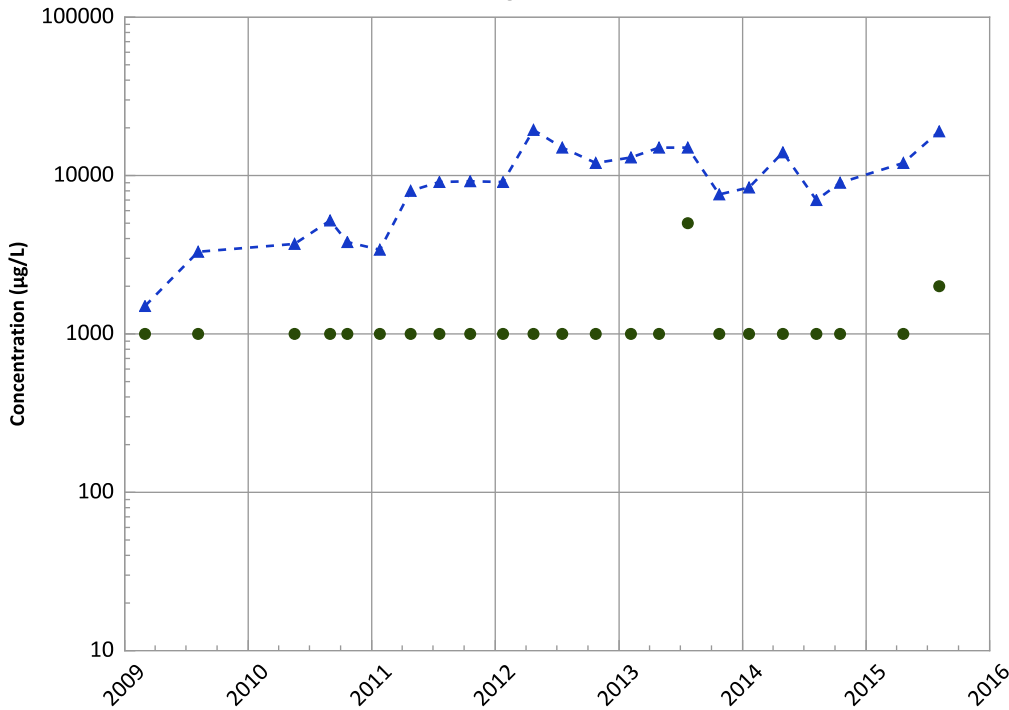


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

Total Organic Carbon Trend

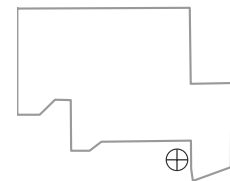


Concentration Trend

MAROS Mann-Kendall Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

MAROS Linear Regression Method
Data (2017 - 2021):
N/A (<4 Samples in Dataset)
2018 - 2020 Data:
Increasing

Well Location

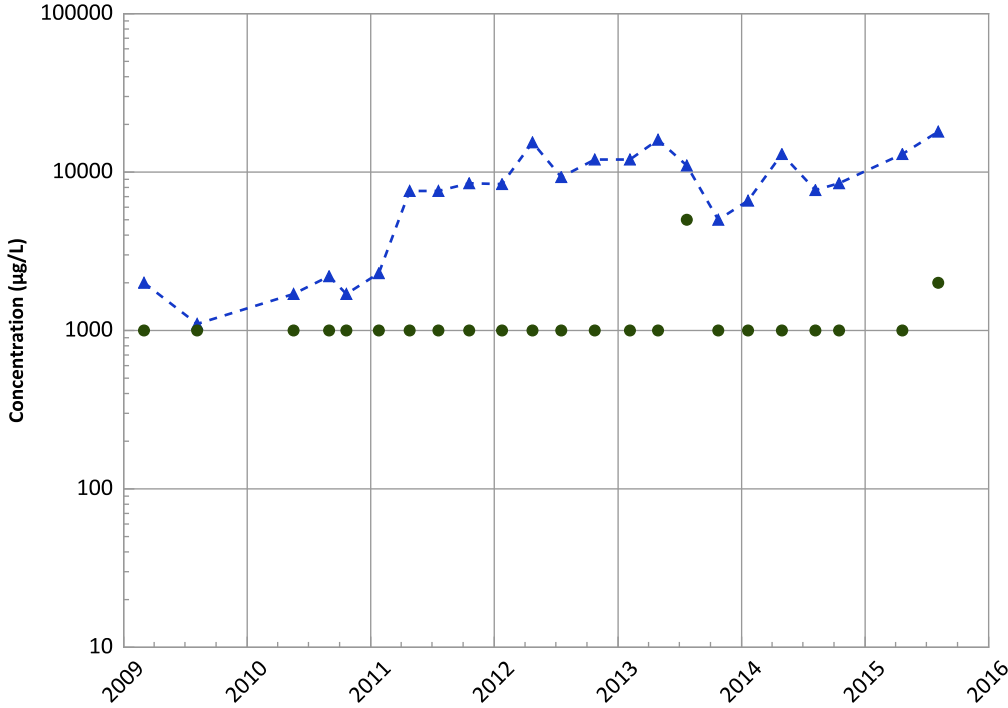


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

MAROS Linear Regression Method

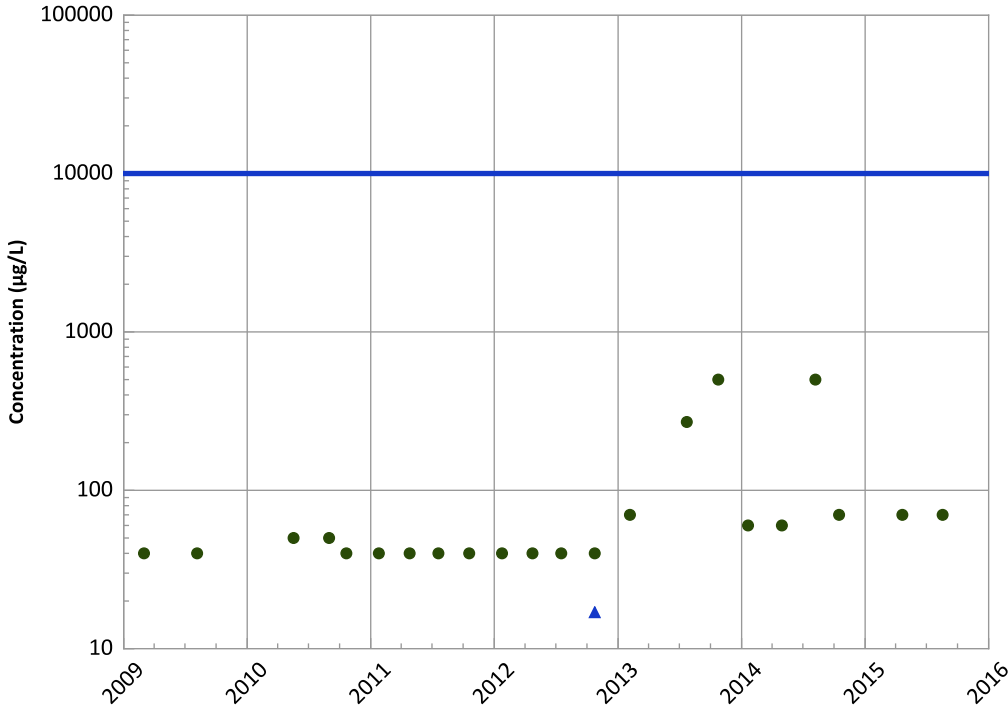
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Increasing

Nitrate as N Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

All Non-Detect

MAROS Linear Regression Method

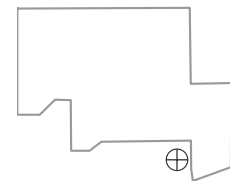
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

Well Location

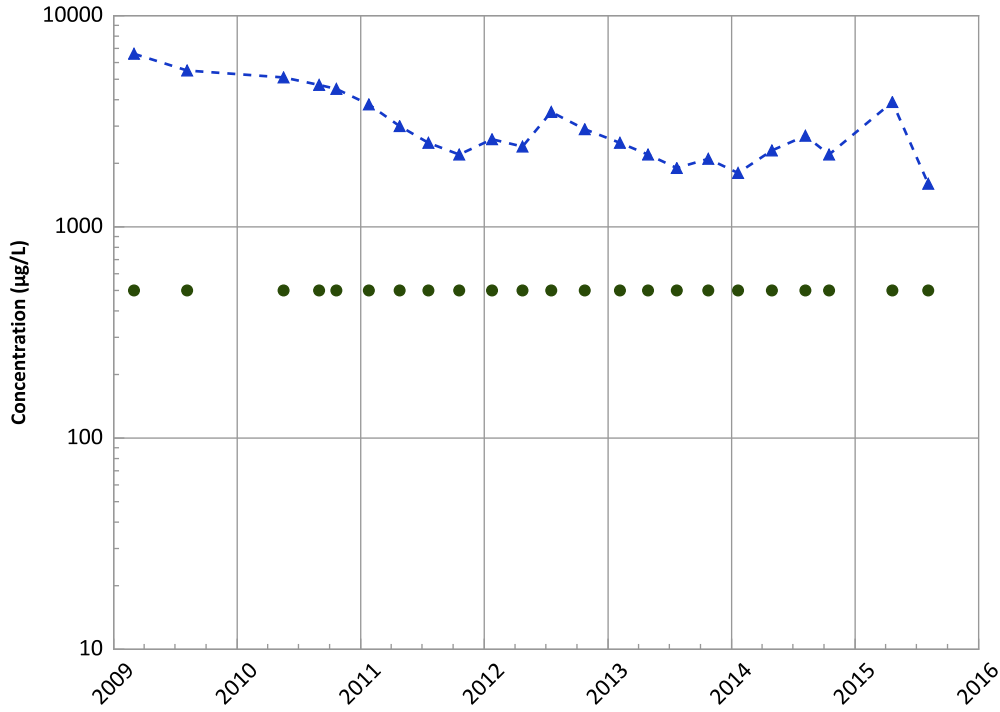


Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant**

Sulfate (as SO₄) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Decreasing

MAROS Linear Regression Method

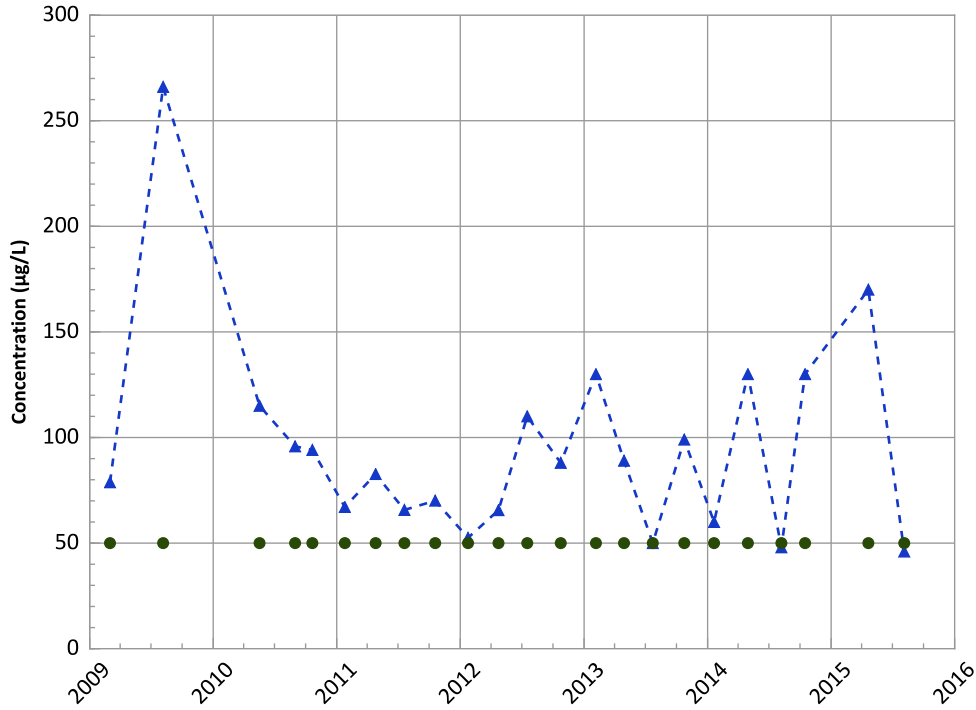
Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Stable

Phosphorus, Total (as P) Trend



Concentration Trend

MAROS Mann-Kendall Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

2018 - 2020 Data:

Stable

MAROS Linear Regression Method

Data (2017 - 2021):

N/A (<4 Samples in Dataset)

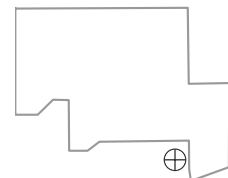
2018 - 2020 Data:

No Trend

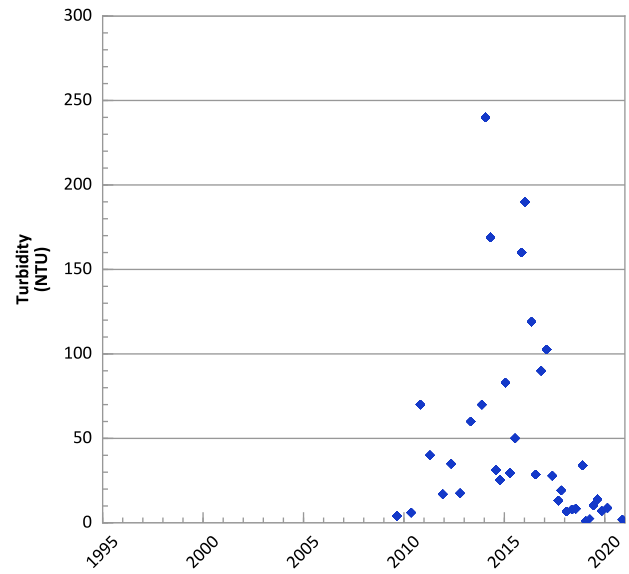
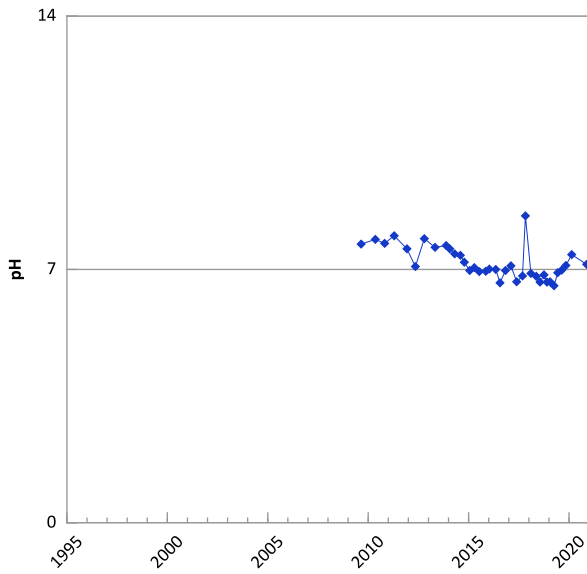
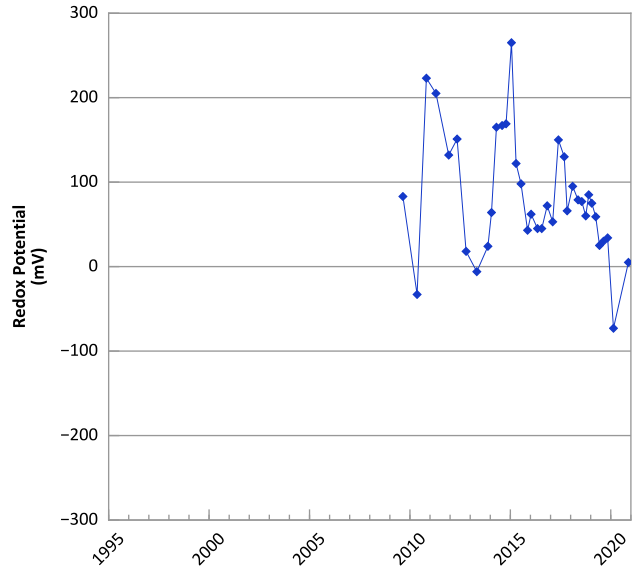
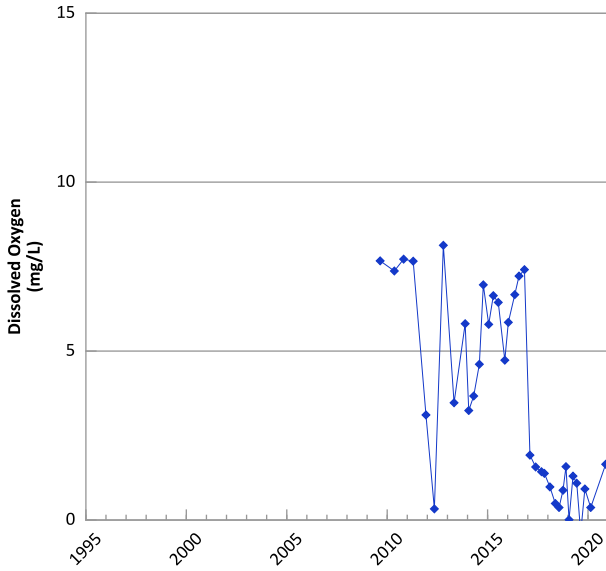
Query Date Range: 01/01/2009 to 12/31/2020
Data Date Range: 03/02/2009 to 08/18/2015
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

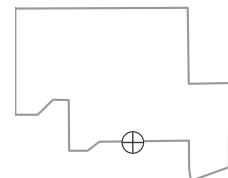


**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



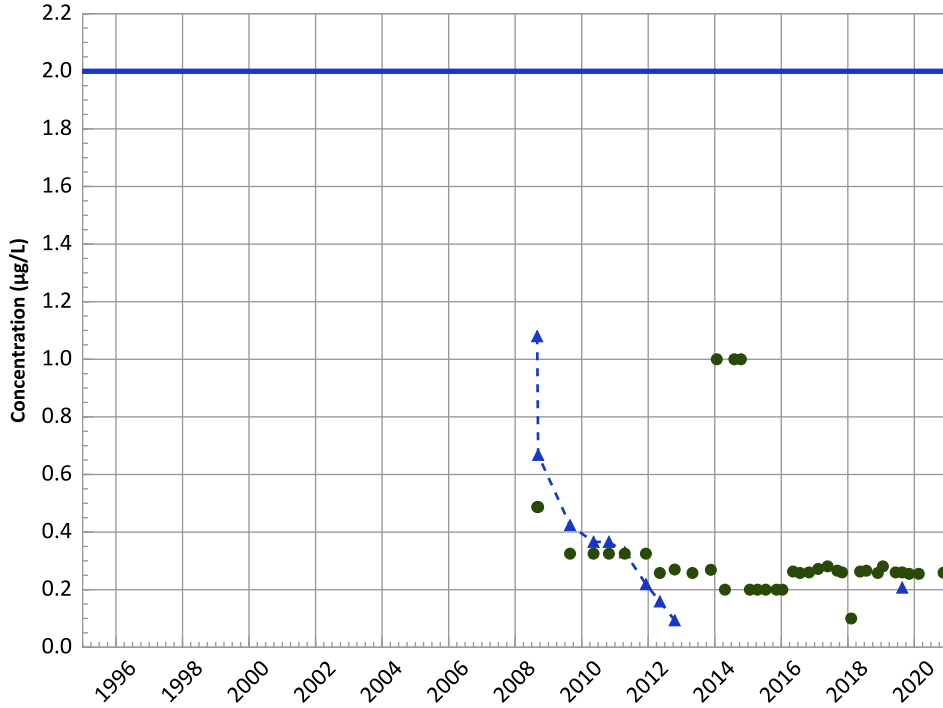
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

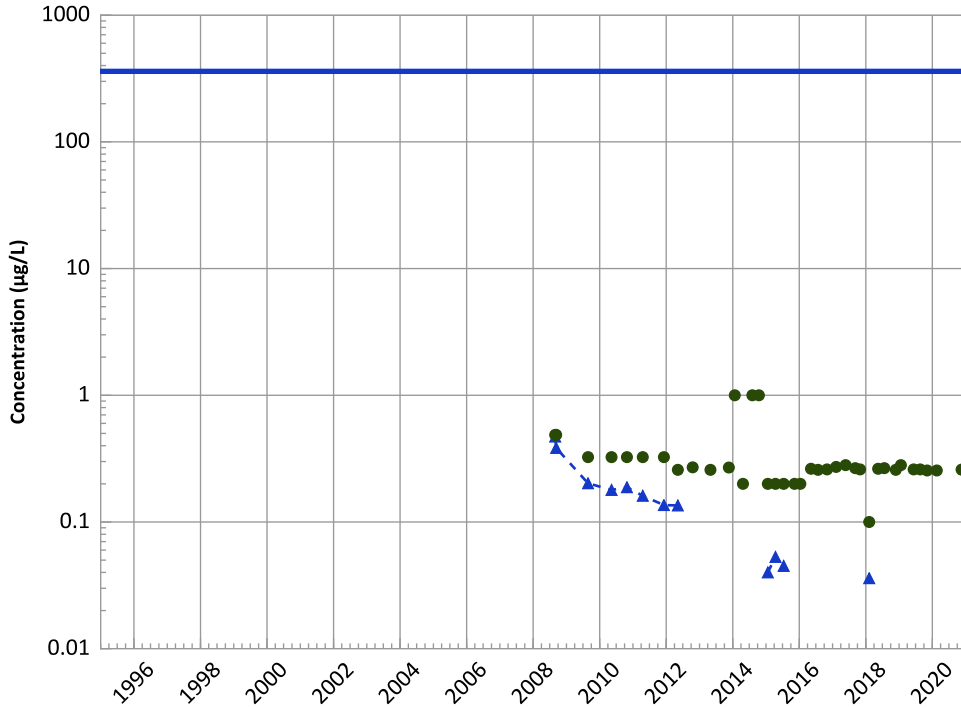


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

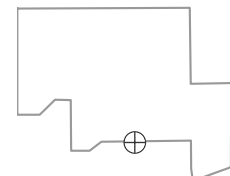


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Well Location

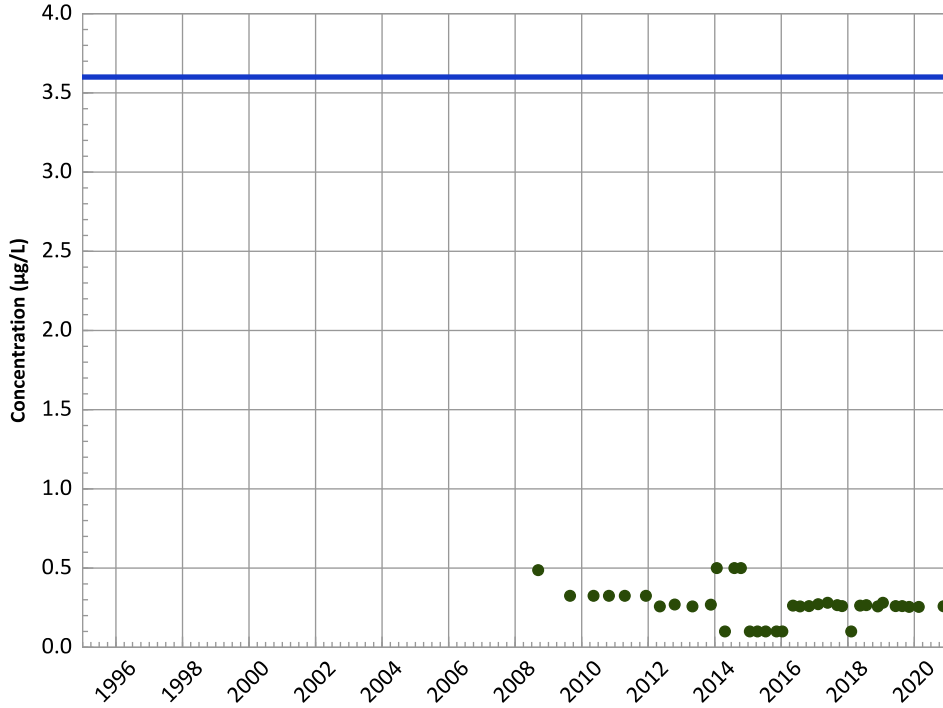


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

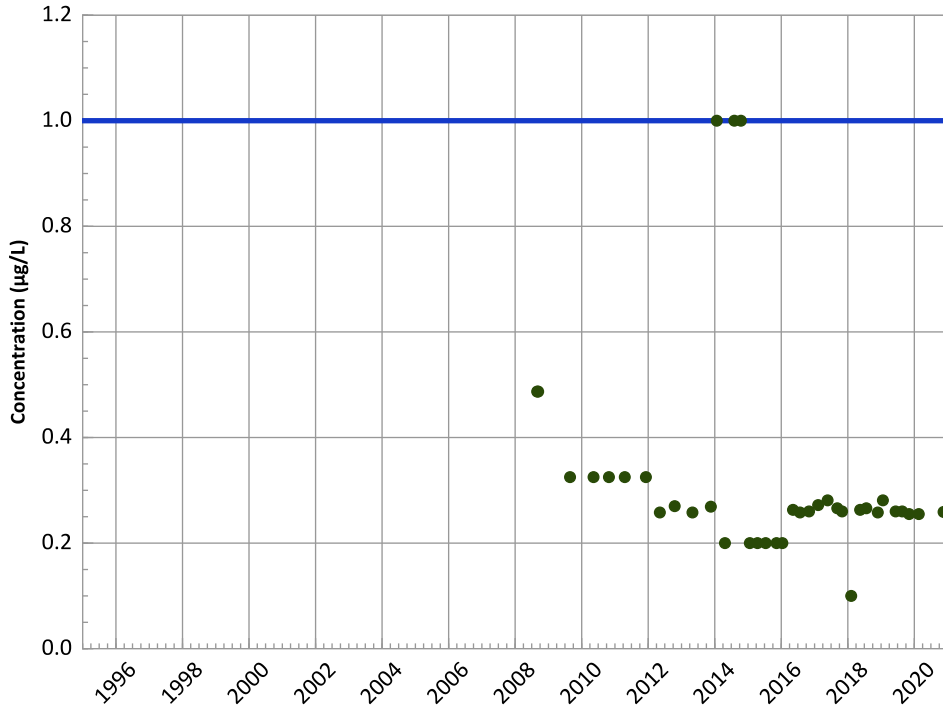
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

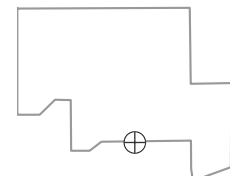
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

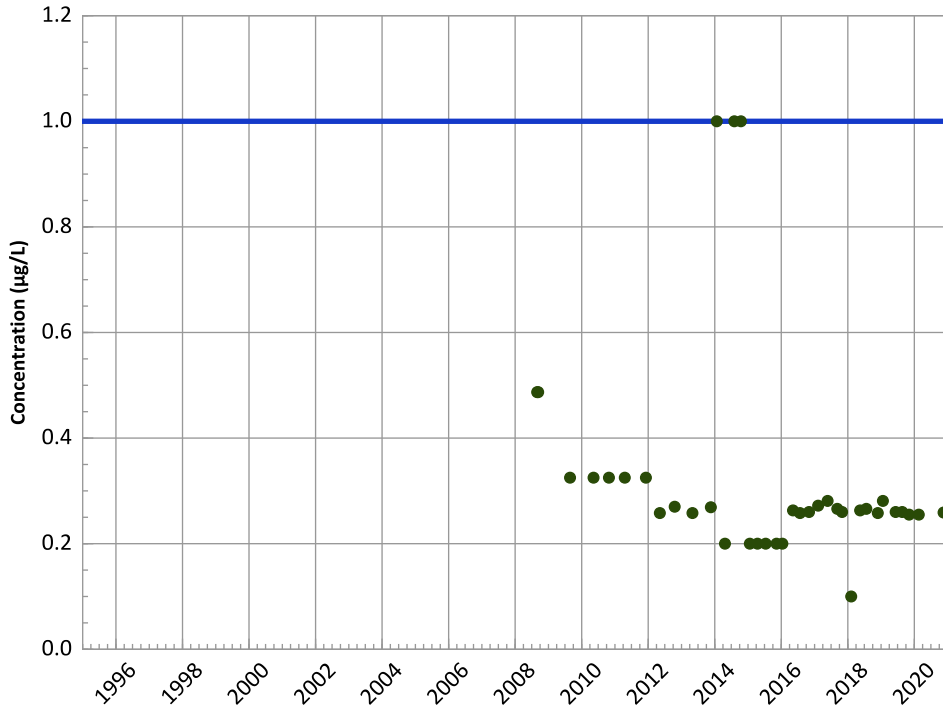


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

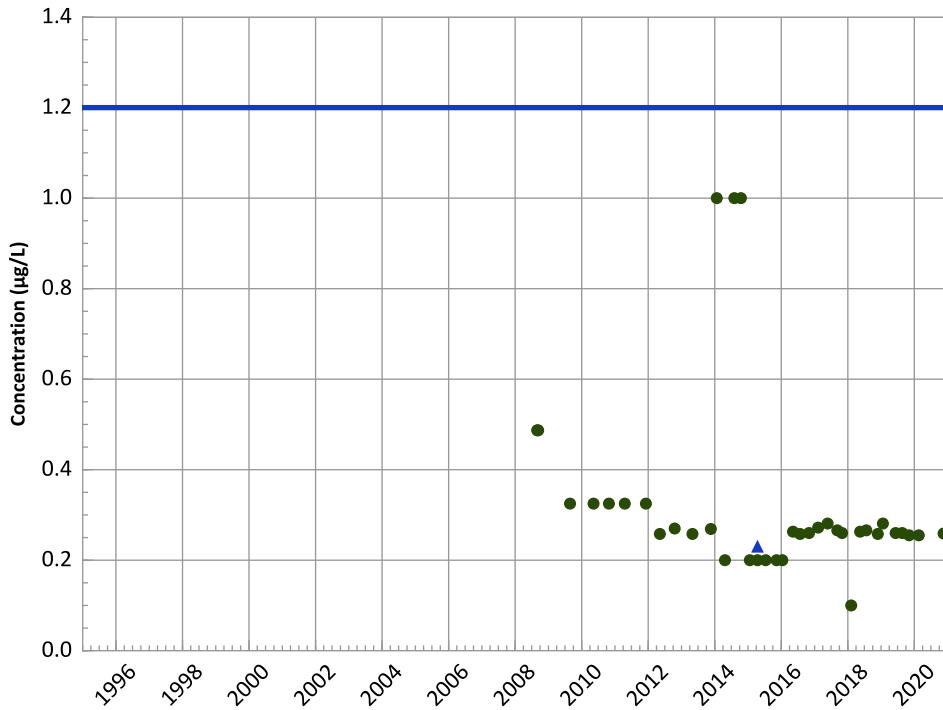
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

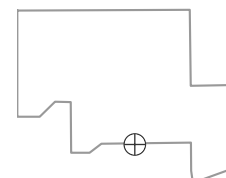
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

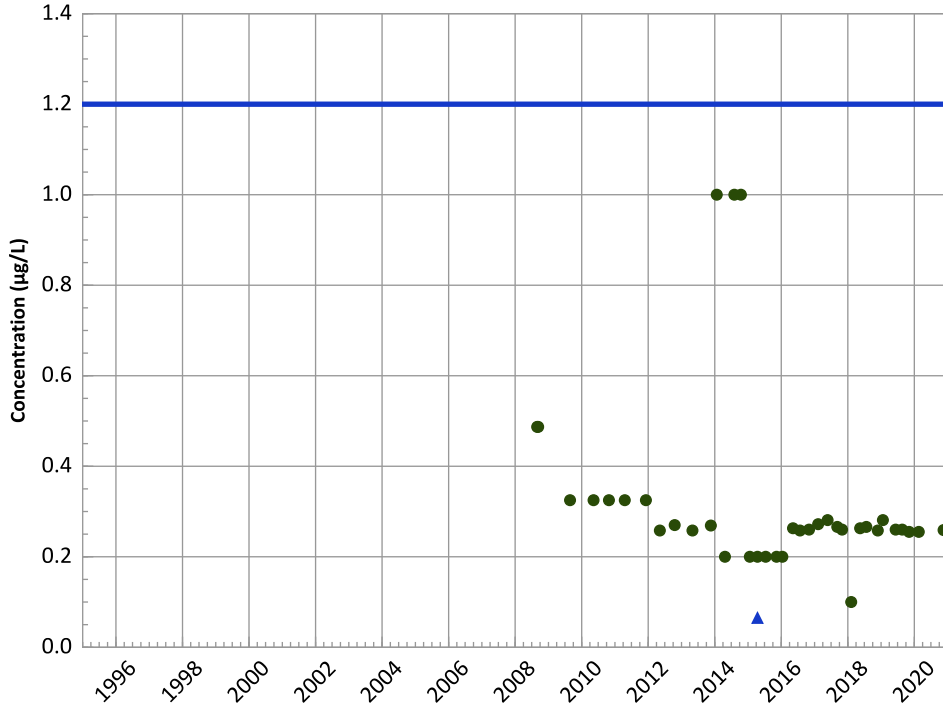


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

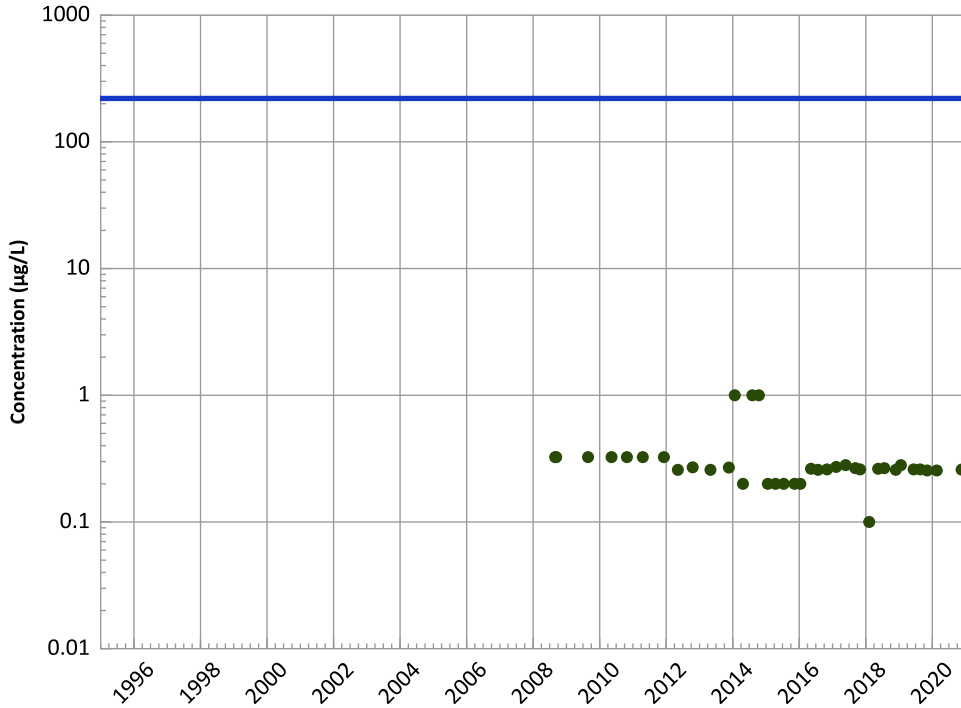
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

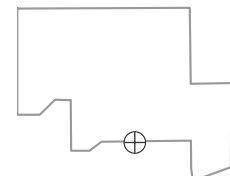
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

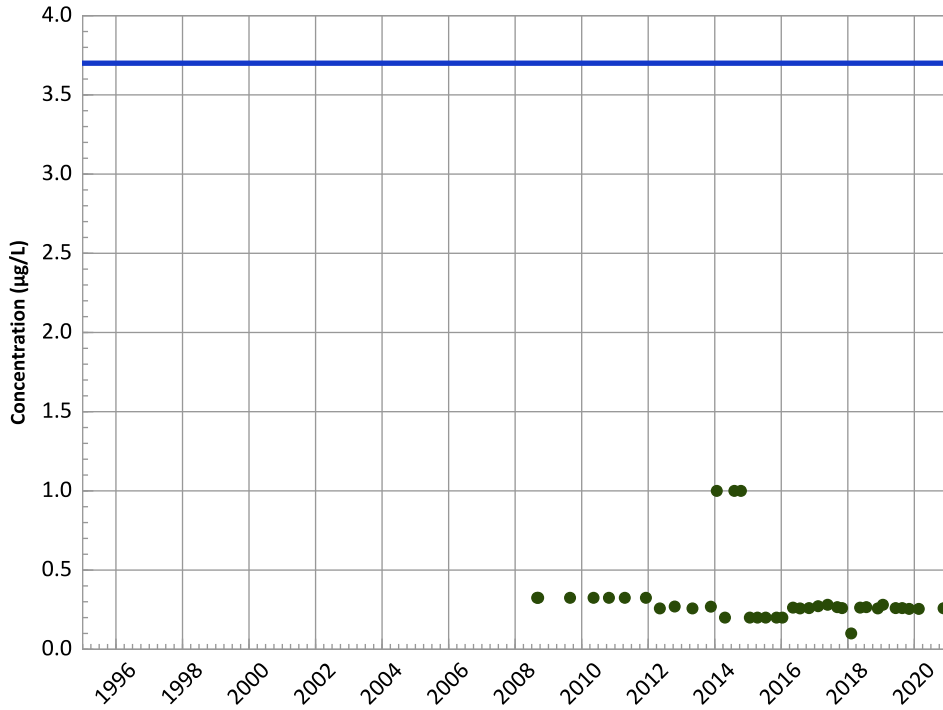


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

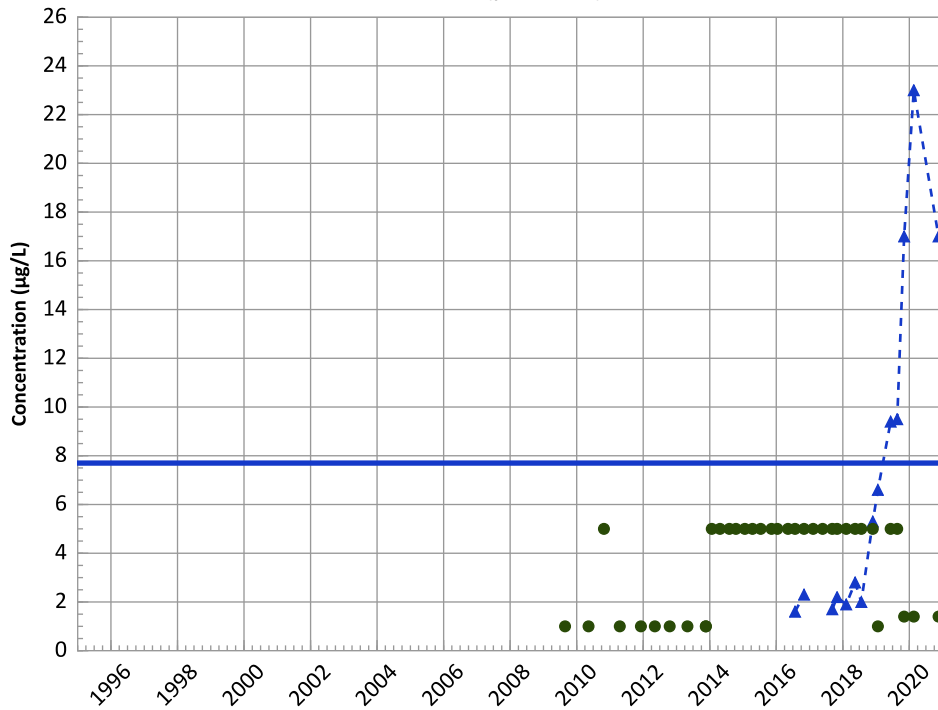
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

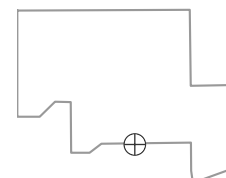
2018 - 2020 Data:

Increasing

All Data:

Increasing

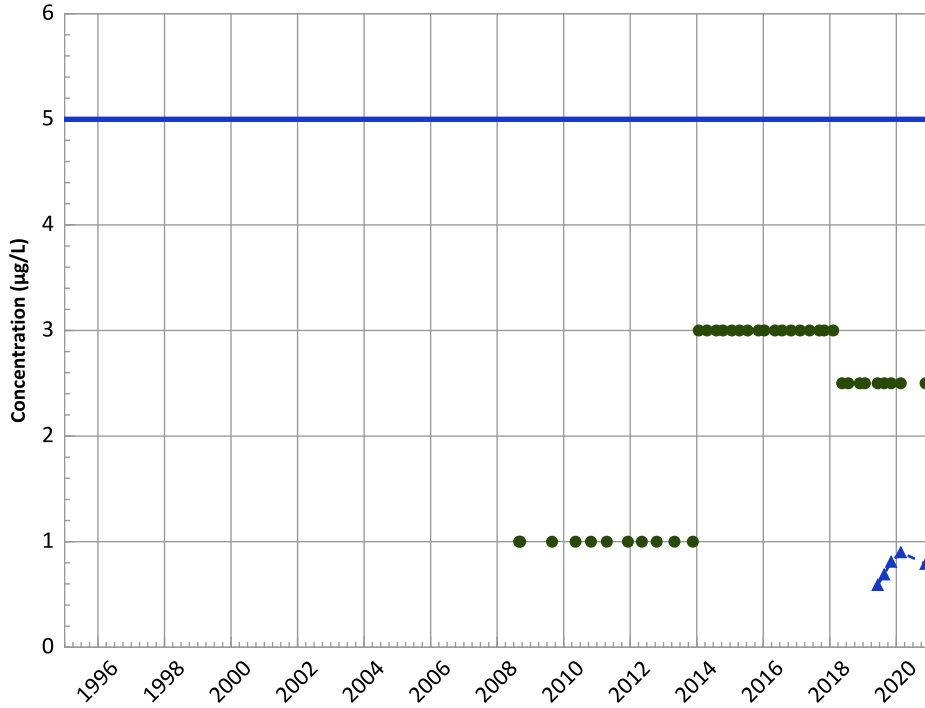
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

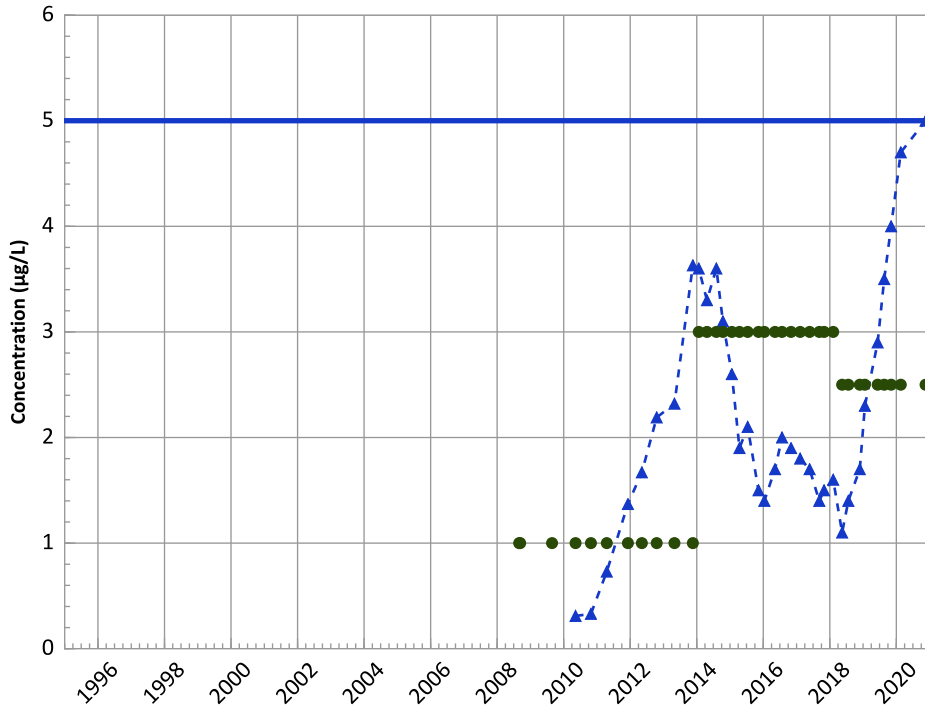
MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
No Trend
All Data:
No Trend

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing
All Data:
Increasing

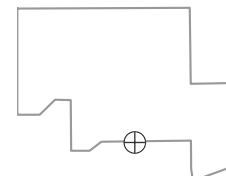
MAROS Linear Regression Method

2018 - 2020 Data:
Increasing
All Data:
Increasing

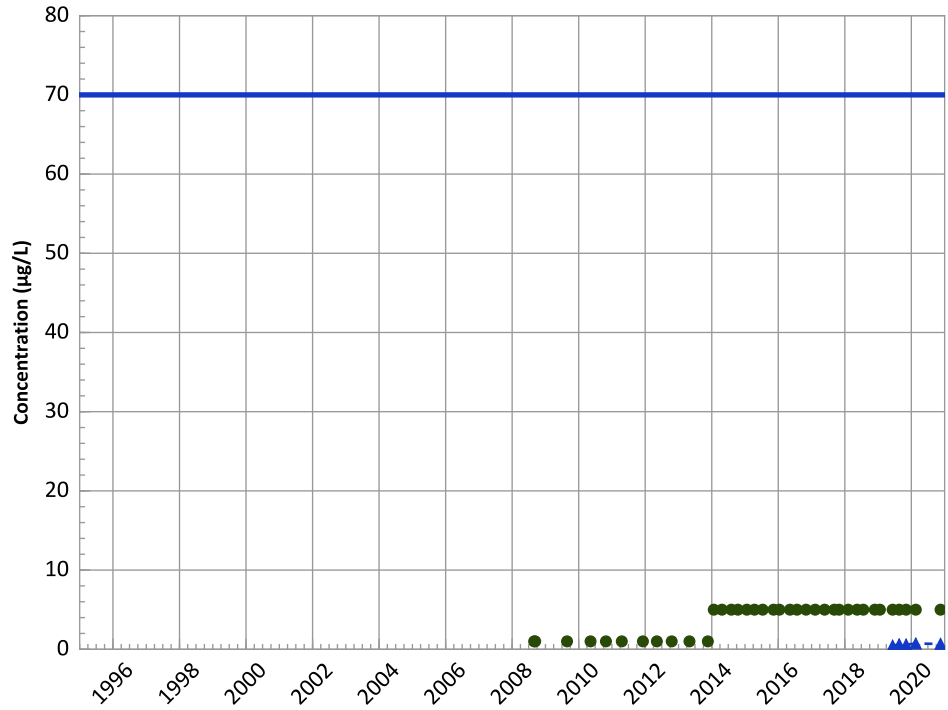
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

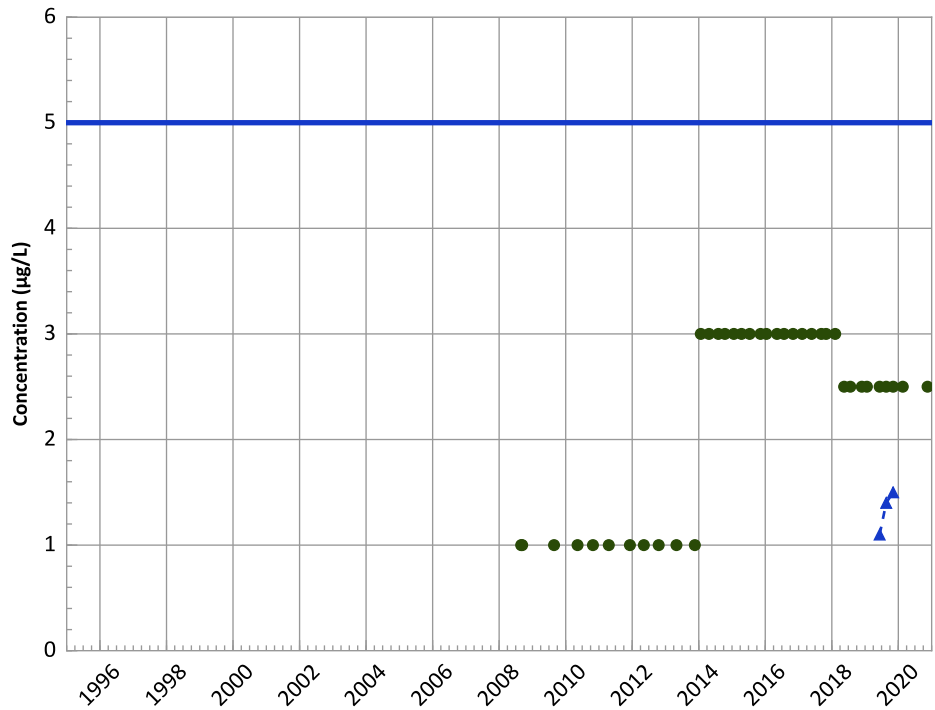
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

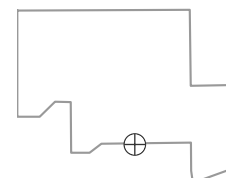
2018 - 2020 Data:

Increasing

All Data:

Increasing

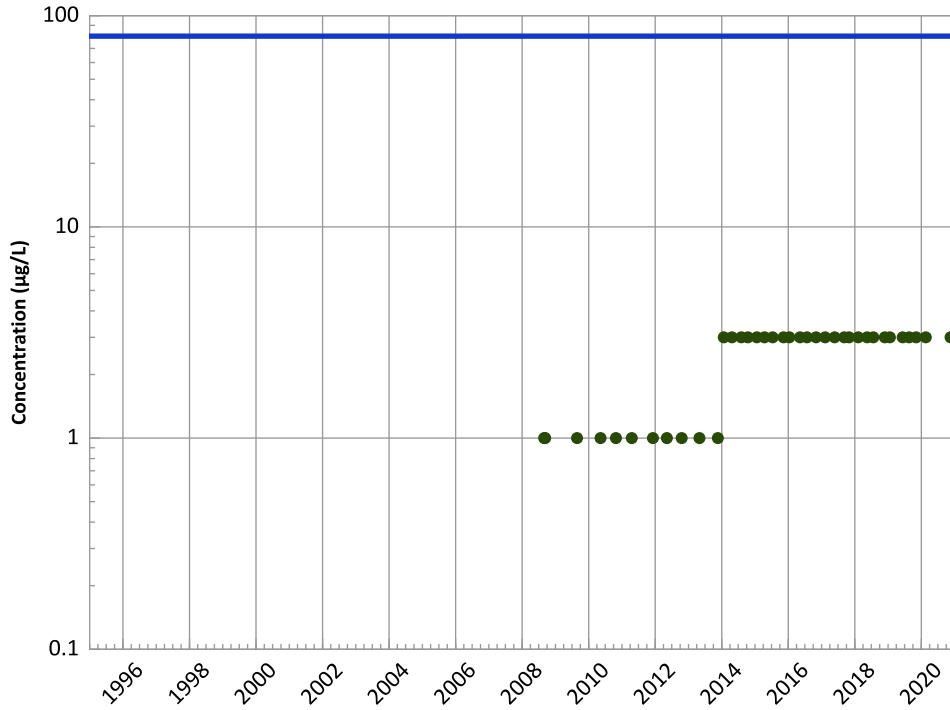
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

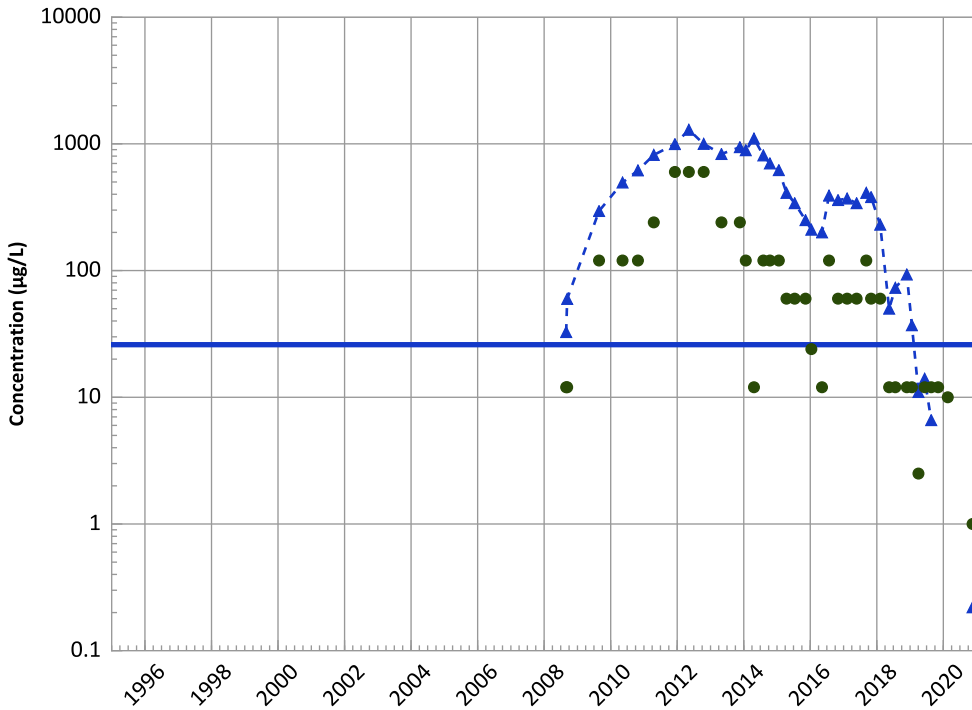


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

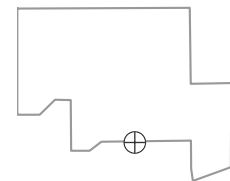


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

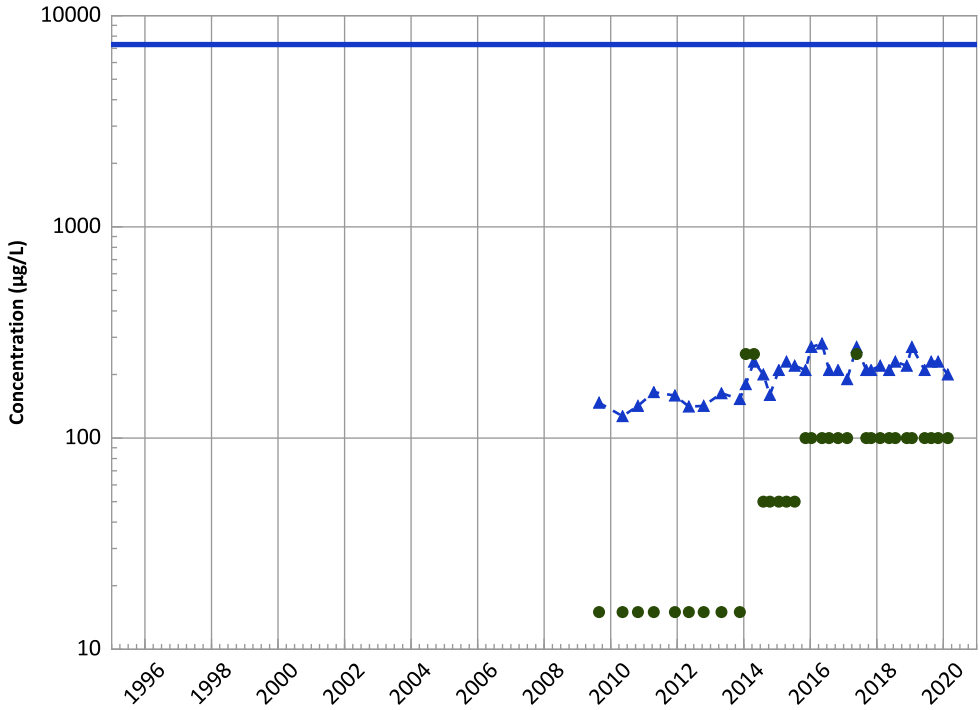
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

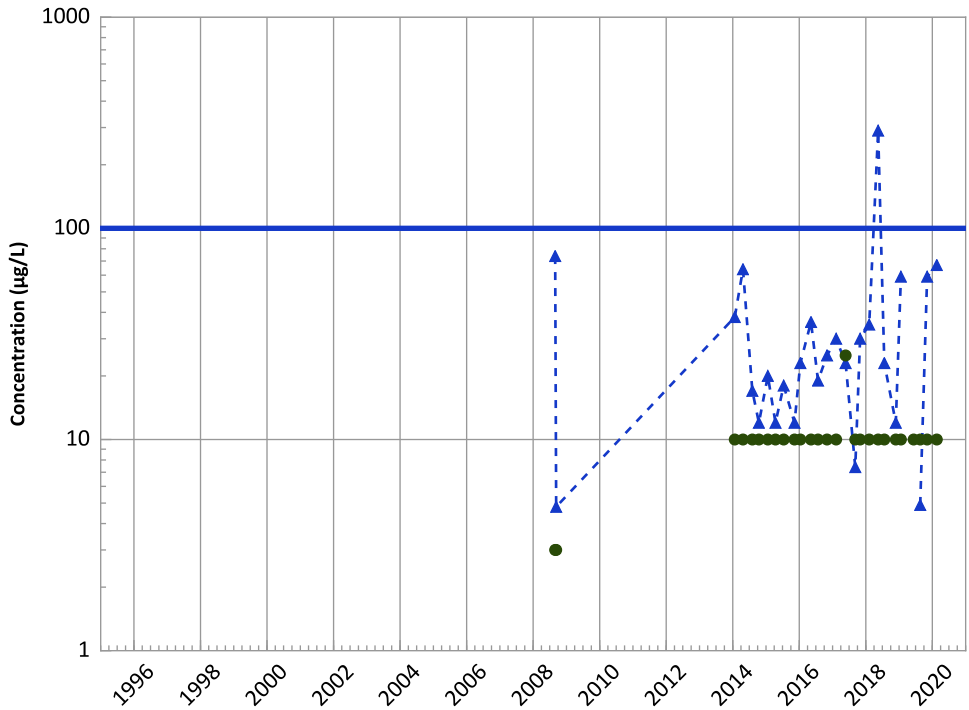
2018 - 2020 Data:

Stable

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

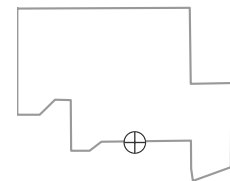
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

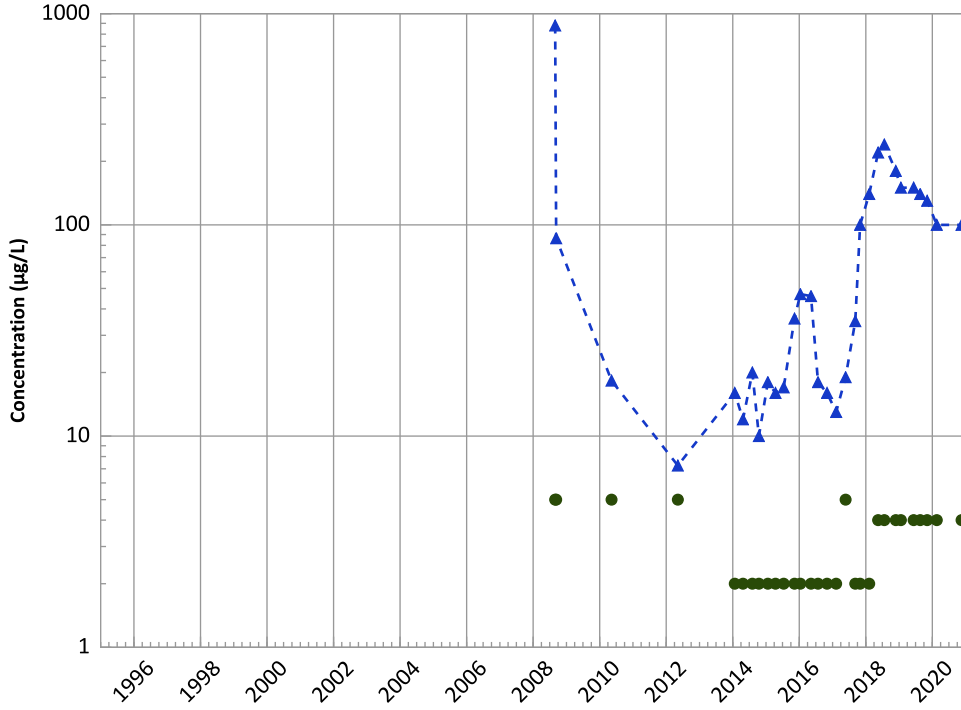


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

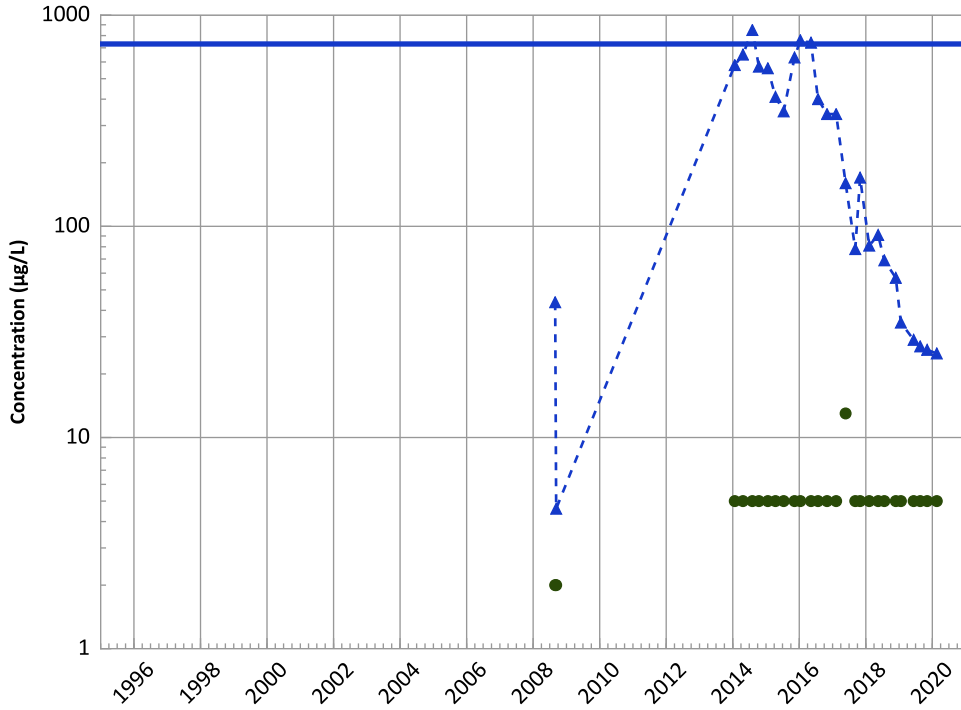
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Increasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

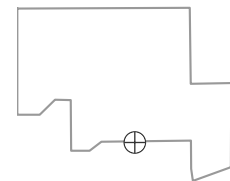
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

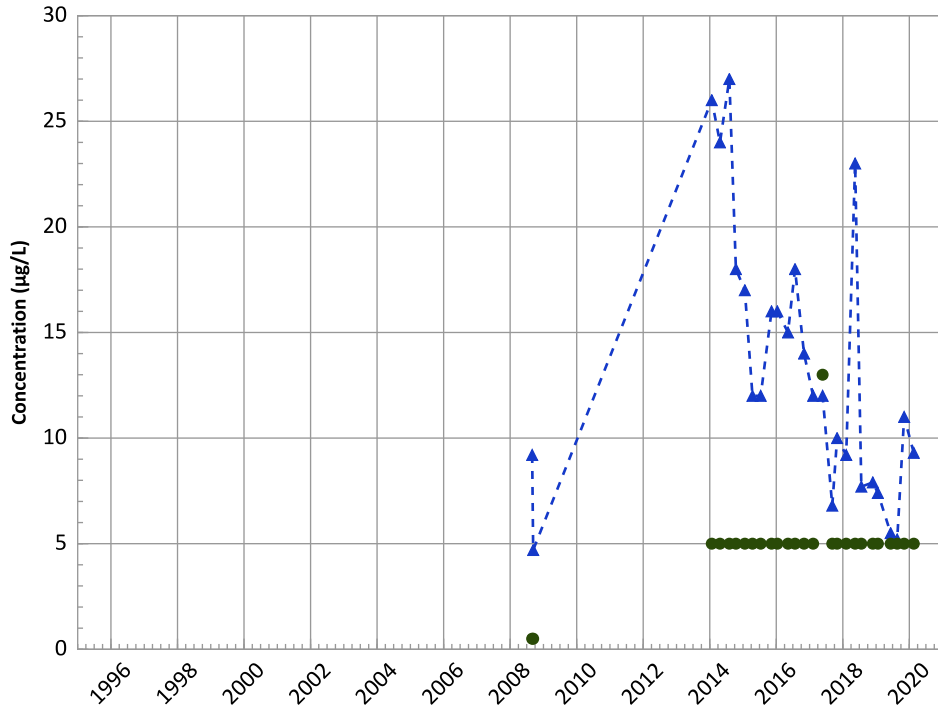
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

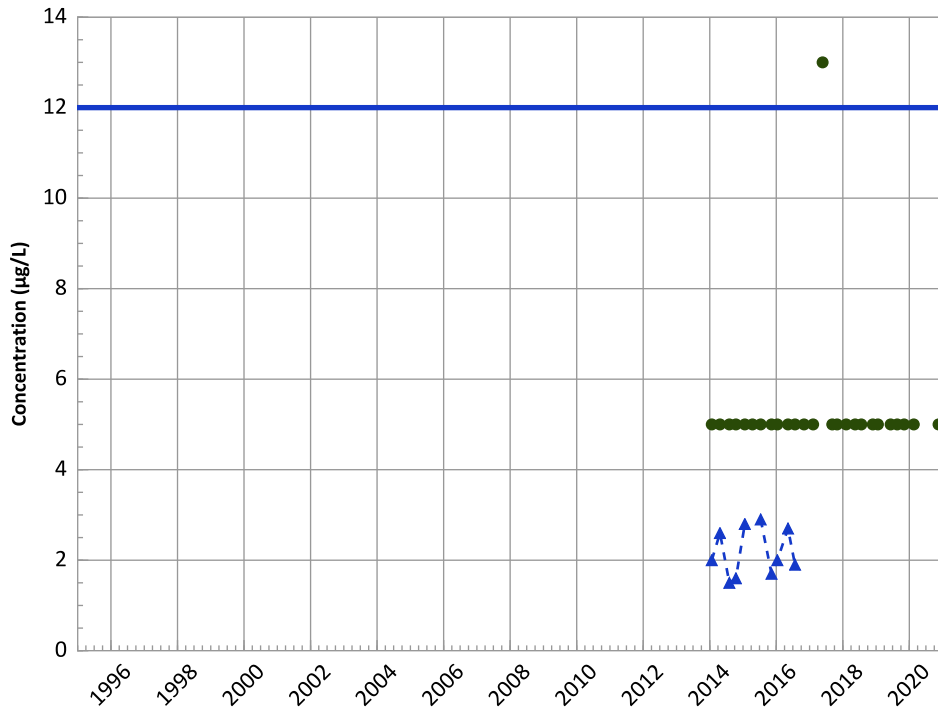


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Stable

Arsenic Trend

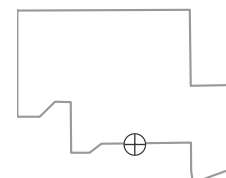


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Well Location

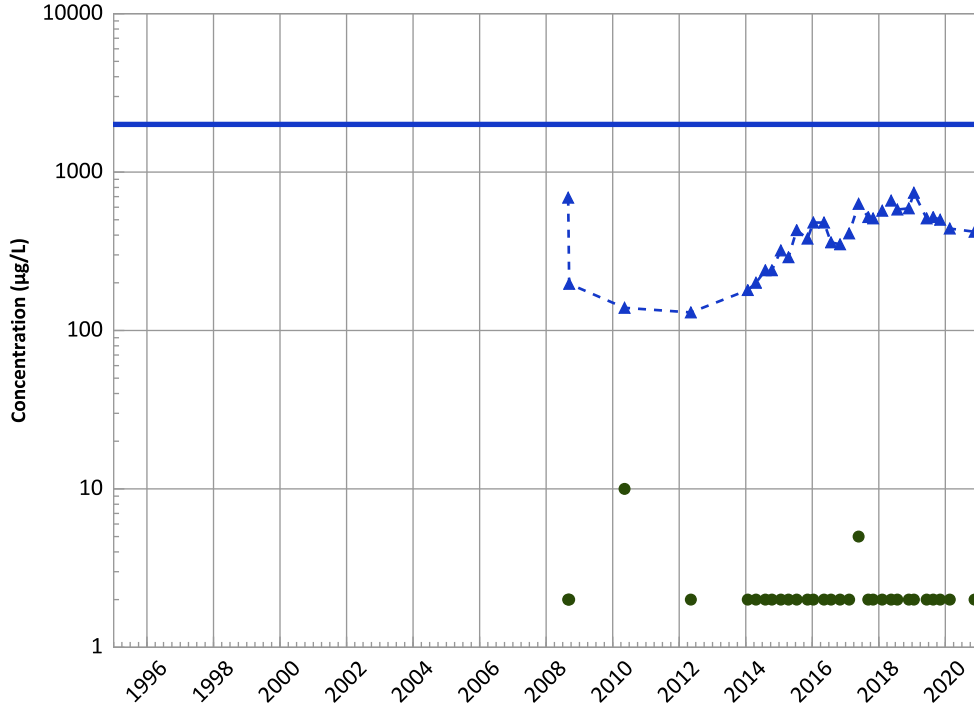


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

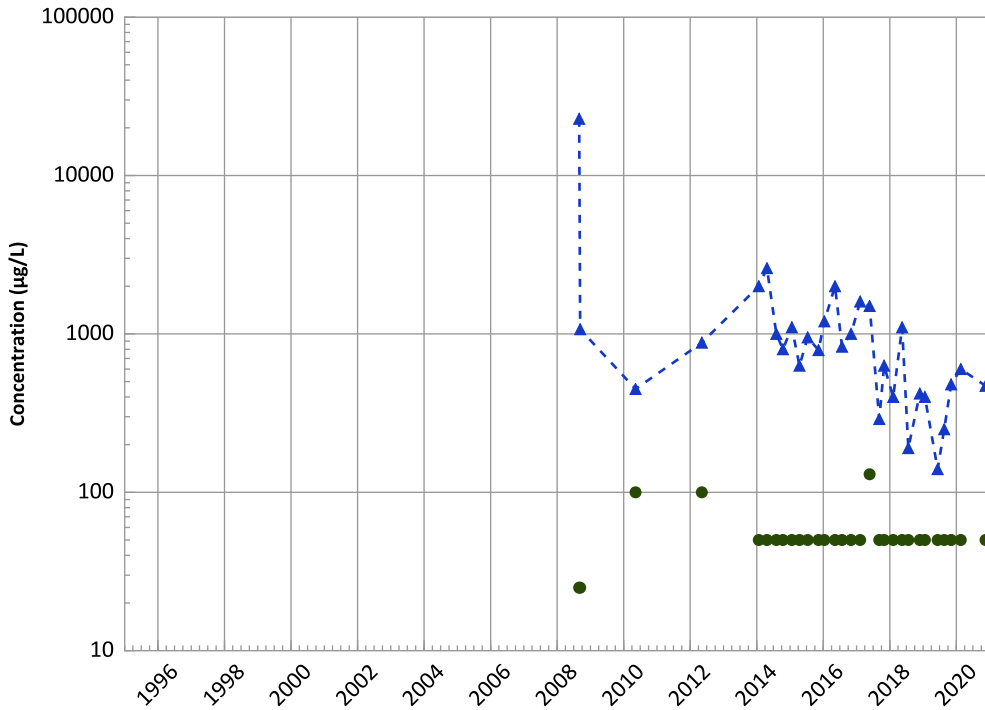
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

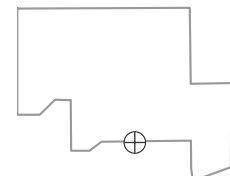
2018 - 2020 Data:

No Trend

All Data:

Decreasing

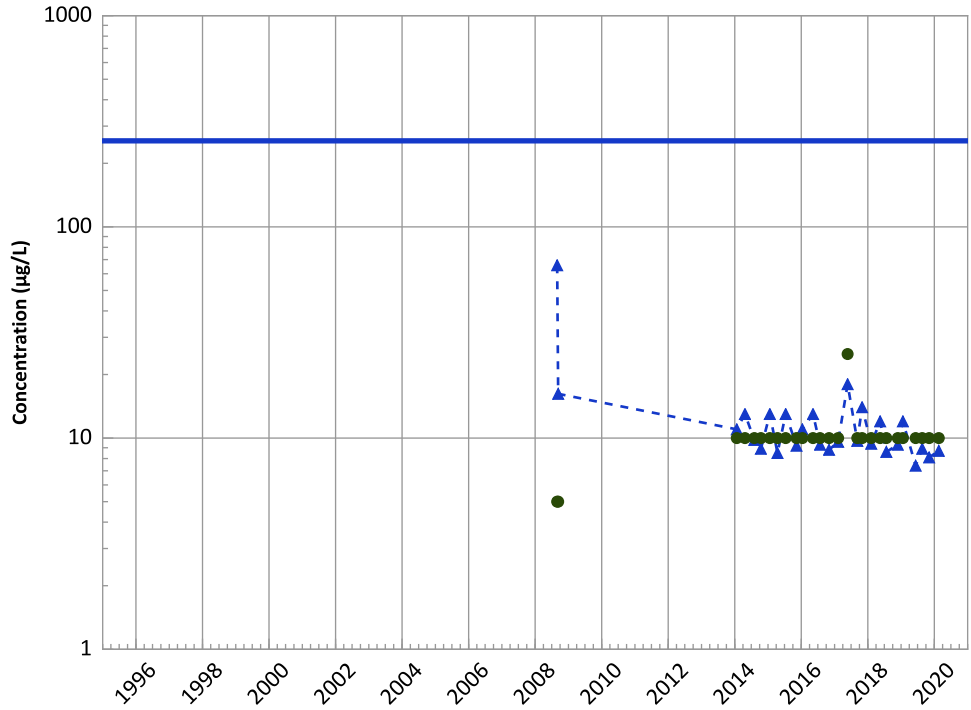
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**

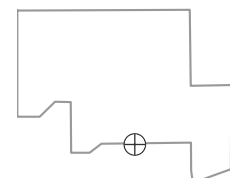


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Decreasing
MAROS Linear Regression Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Decreasing

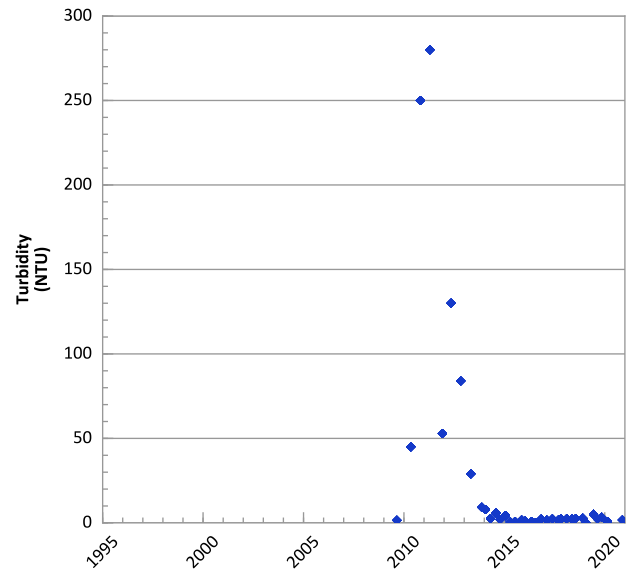
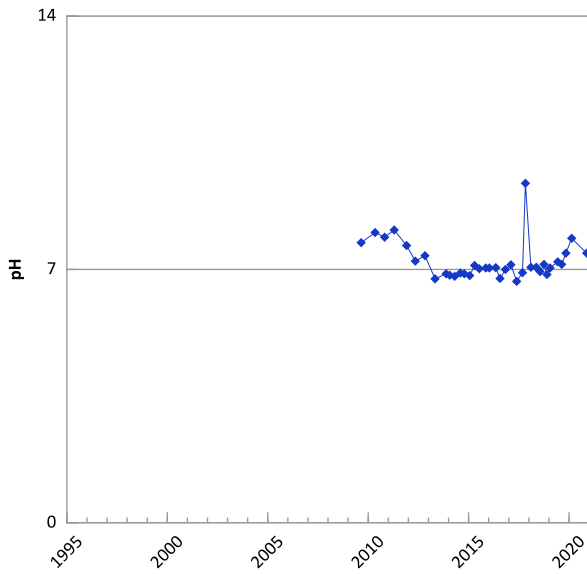
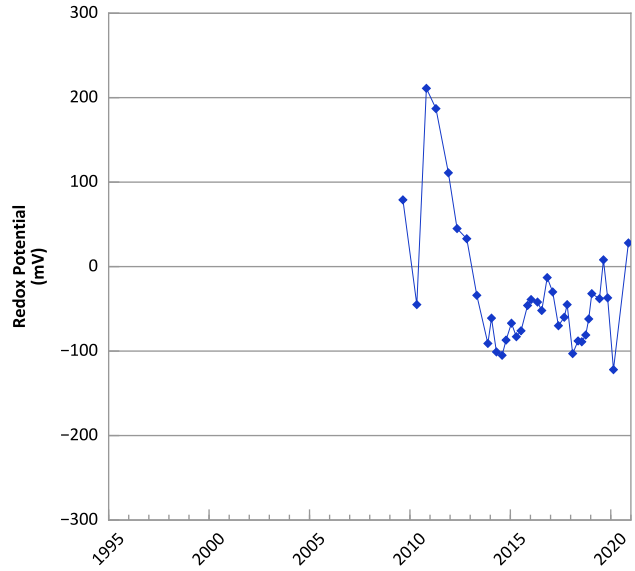
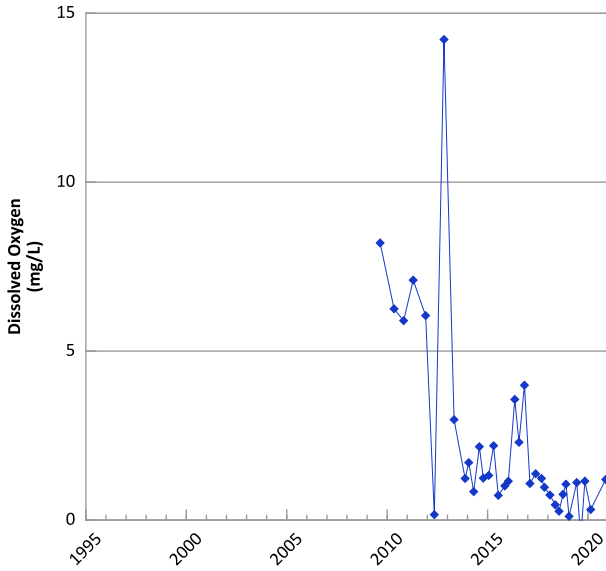
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

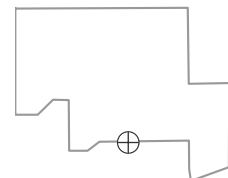


**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



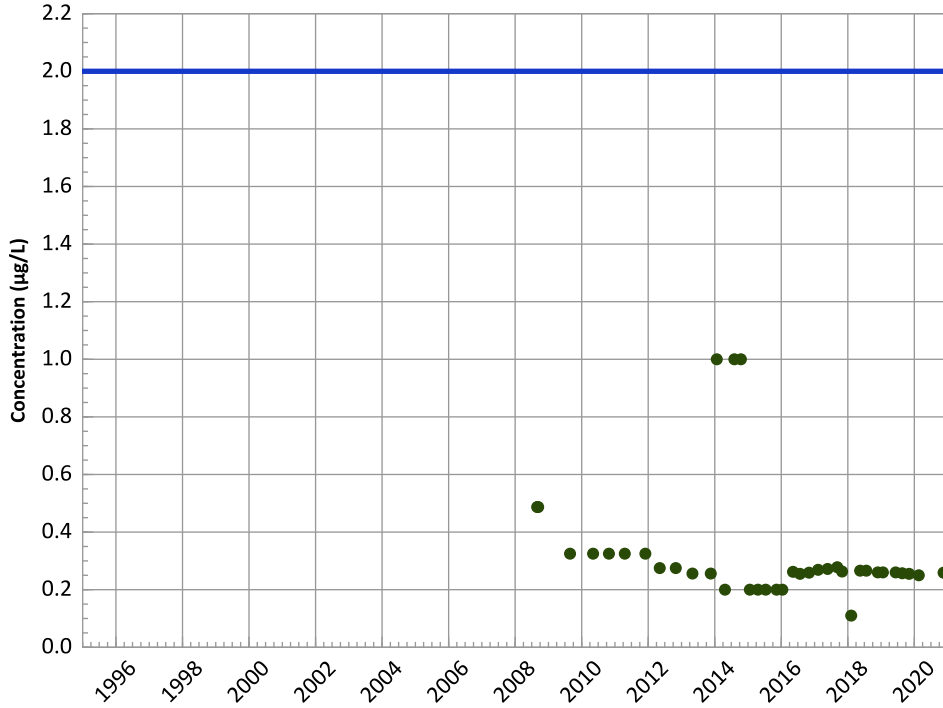
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

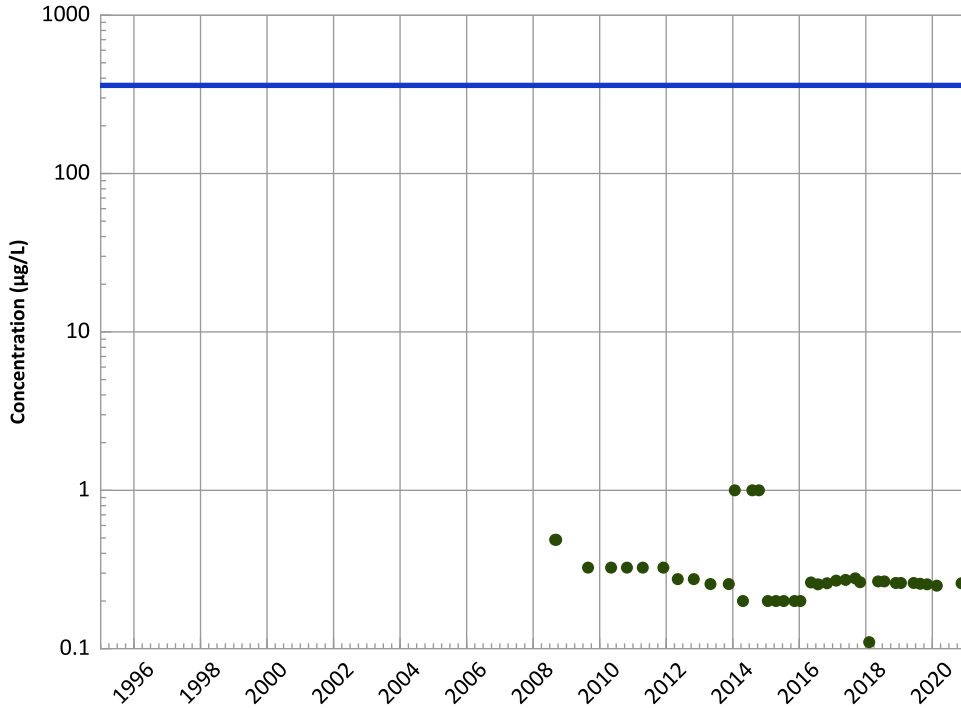
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

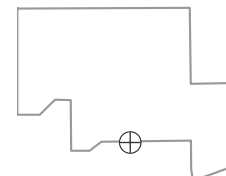
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

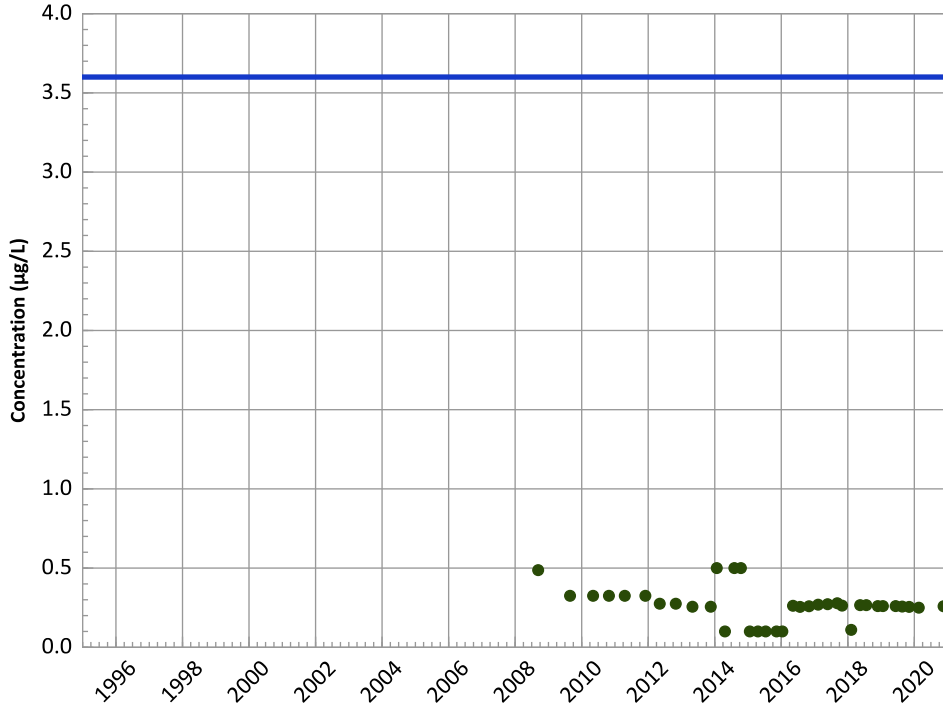
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

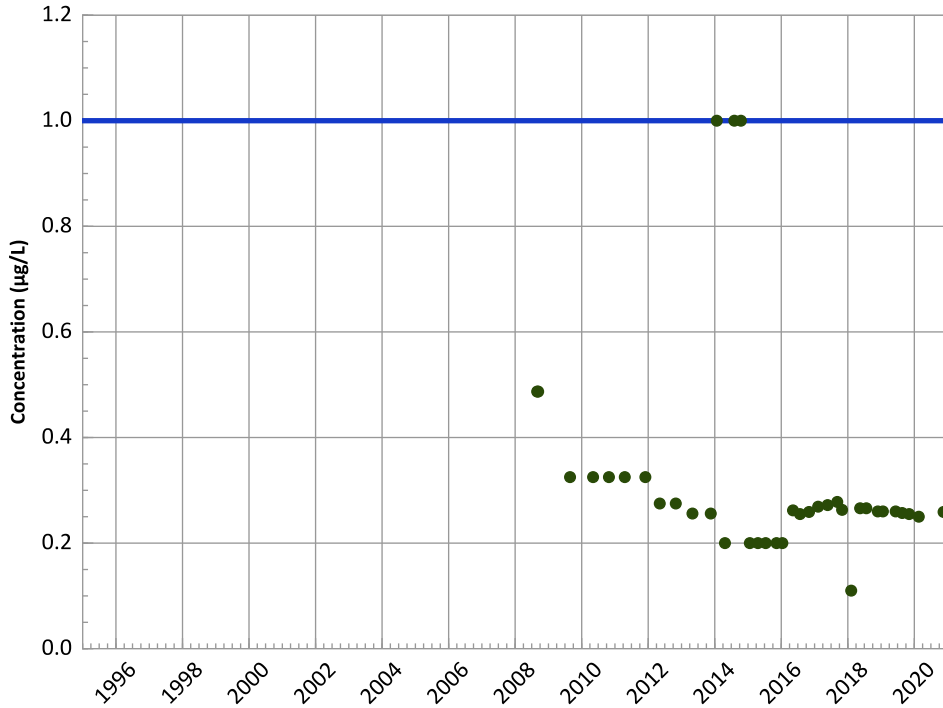
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

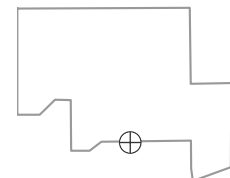
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

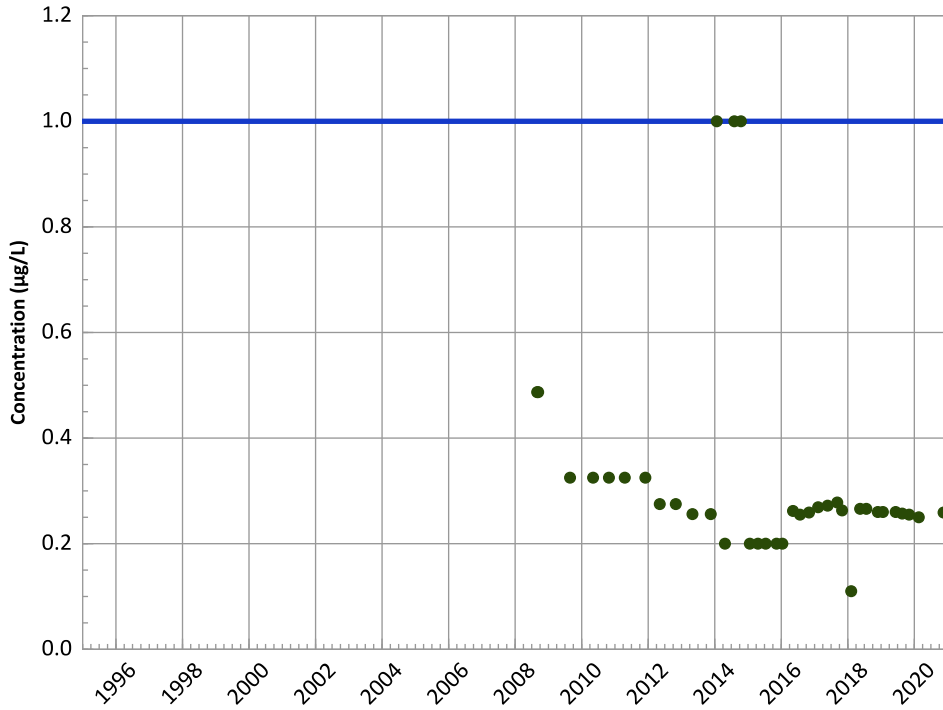
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

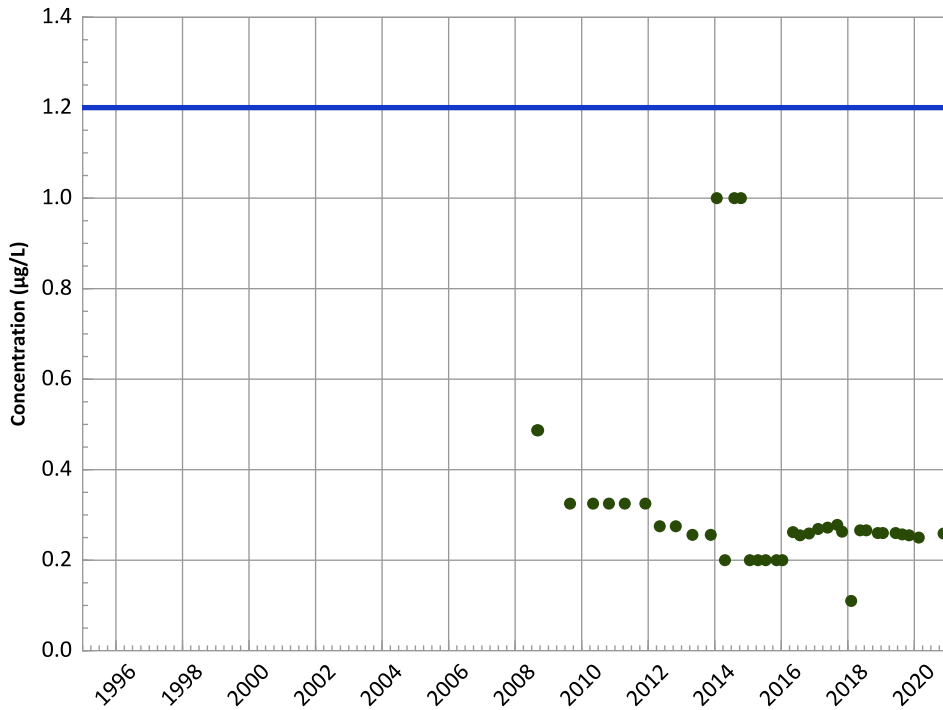
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

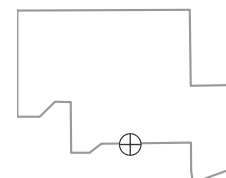
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

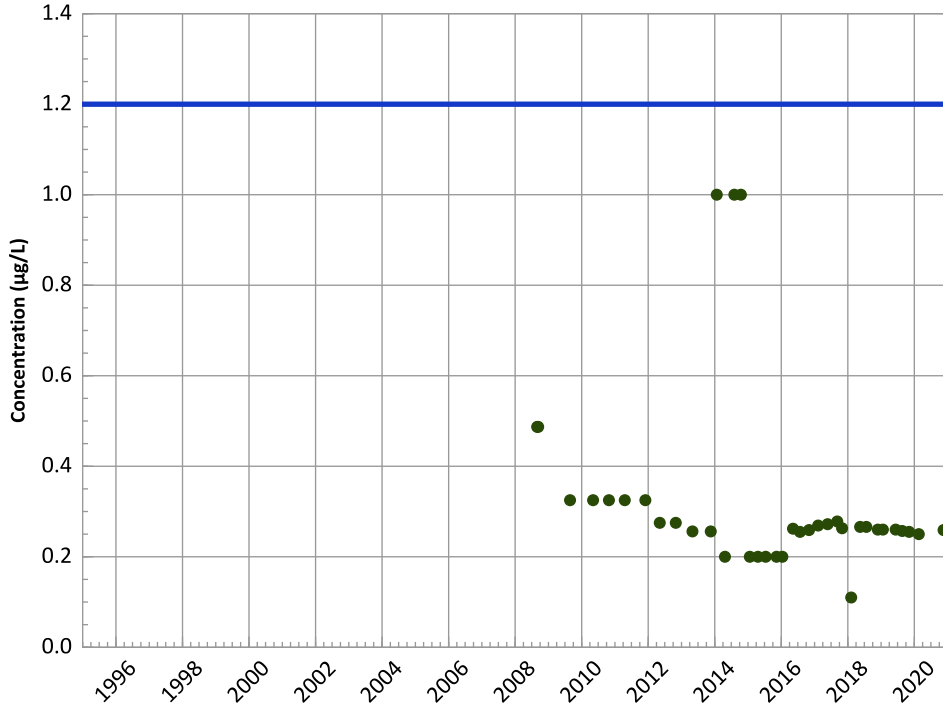


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

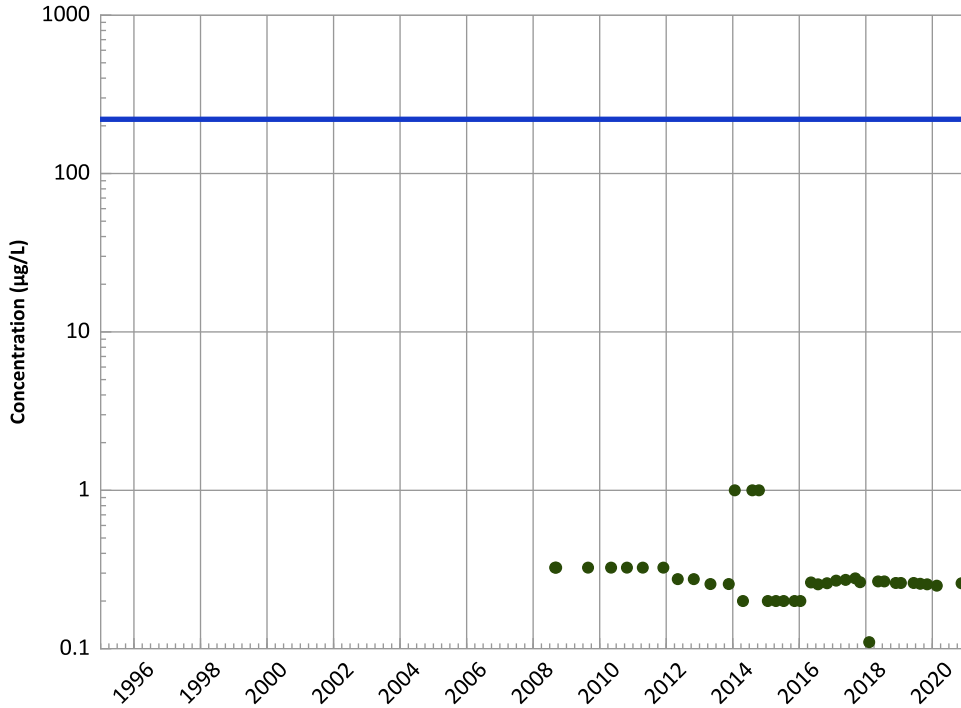
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

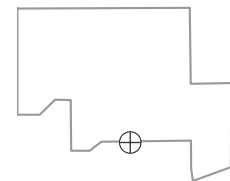
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

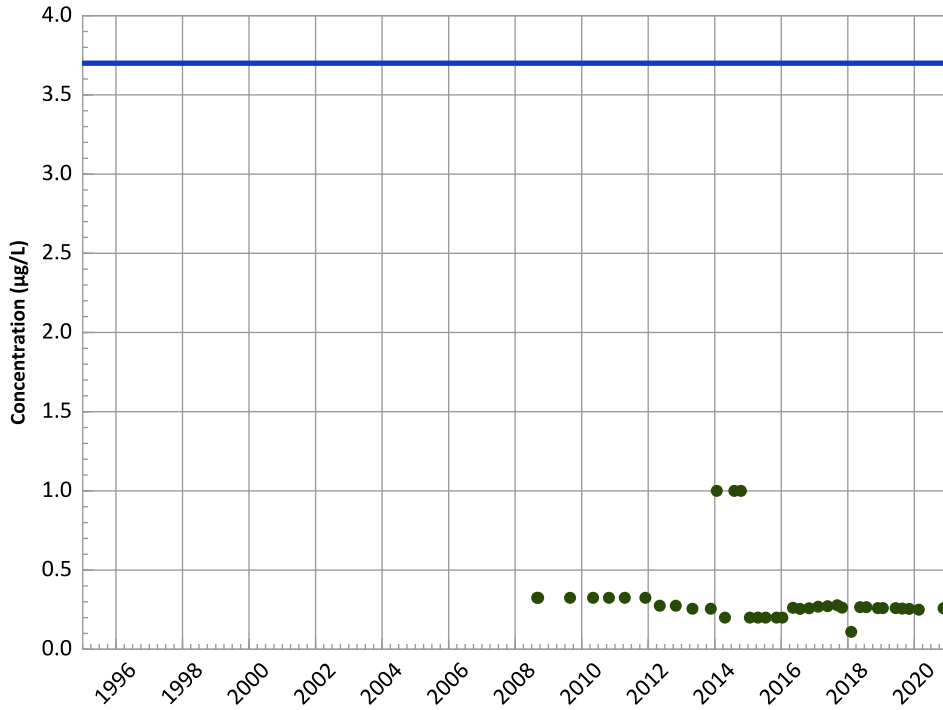
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

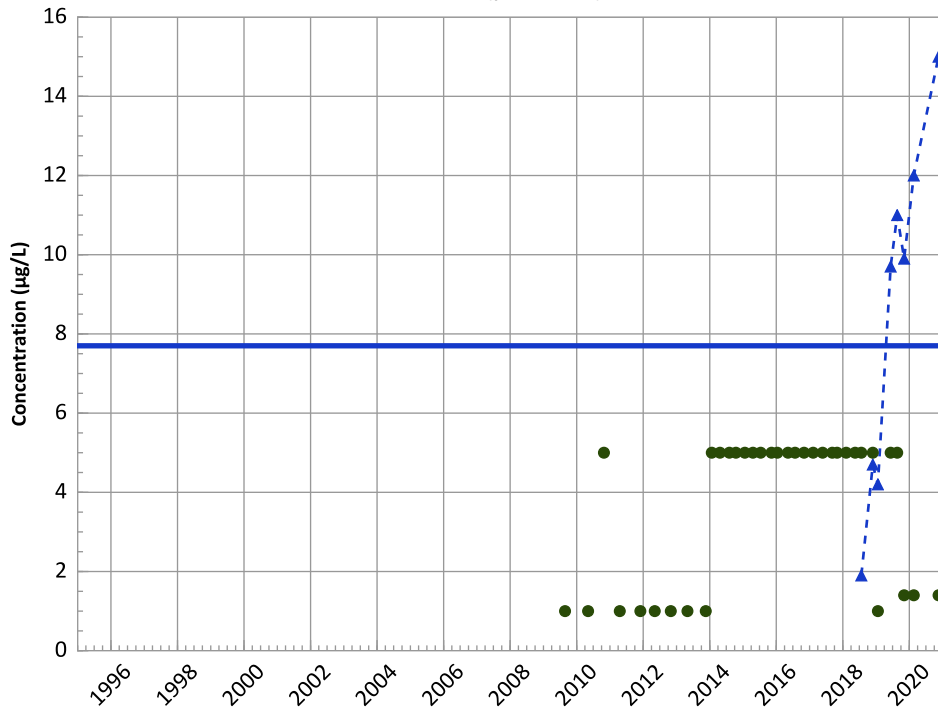
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

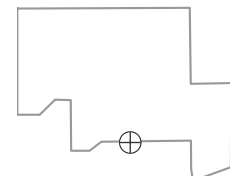
2018 - 2020 Data:

No Trend

All Data:

Increasing

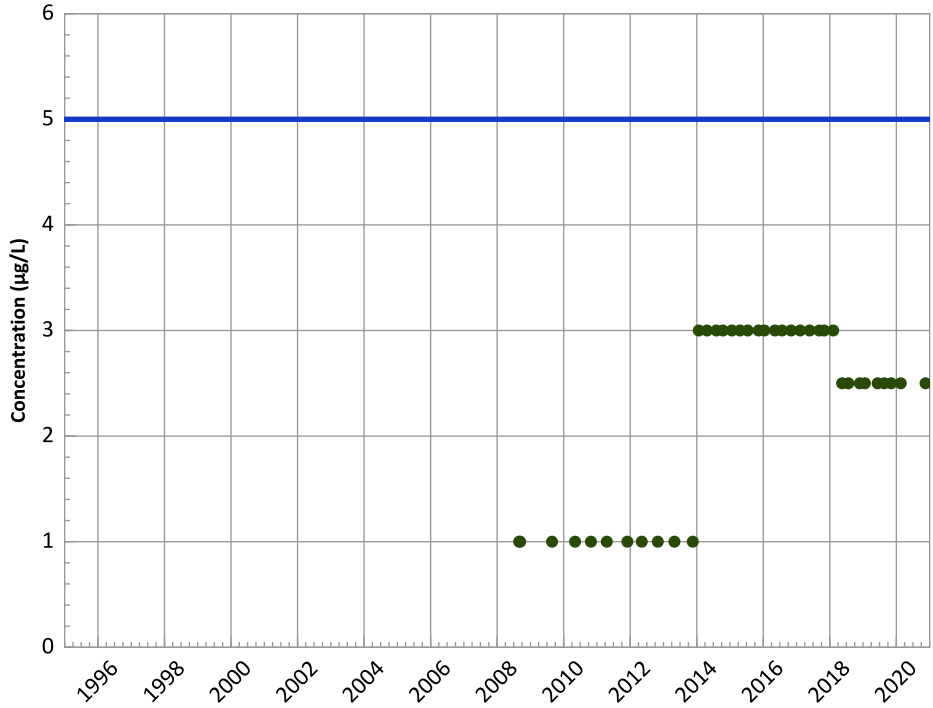
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

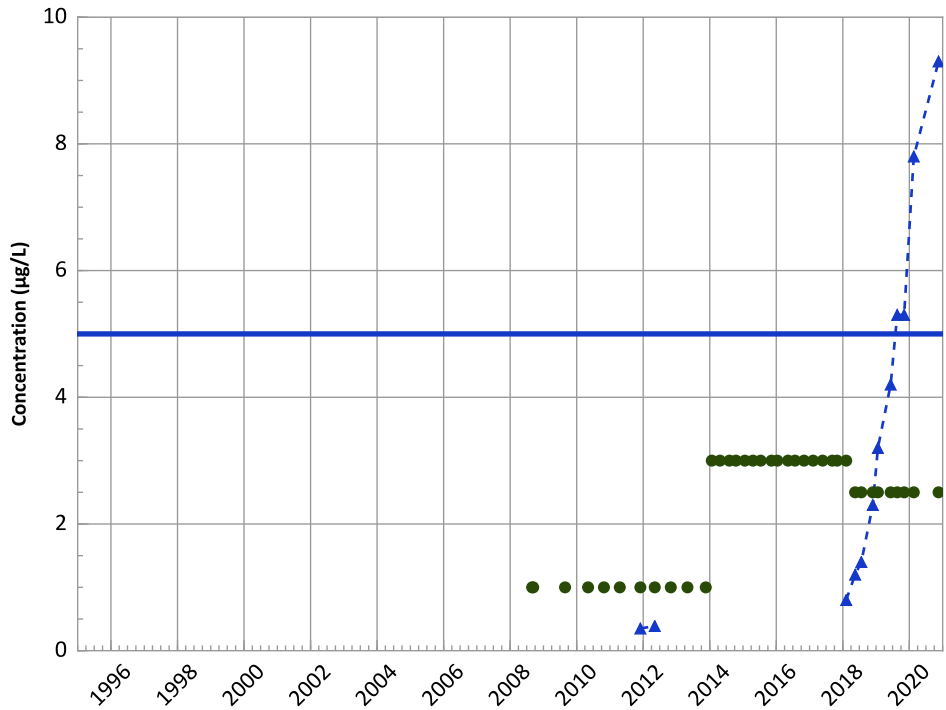
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

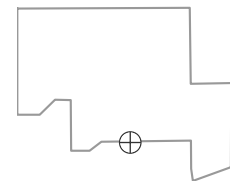
2018 - 2020 Data:

Increasing

All Data:

Increasing

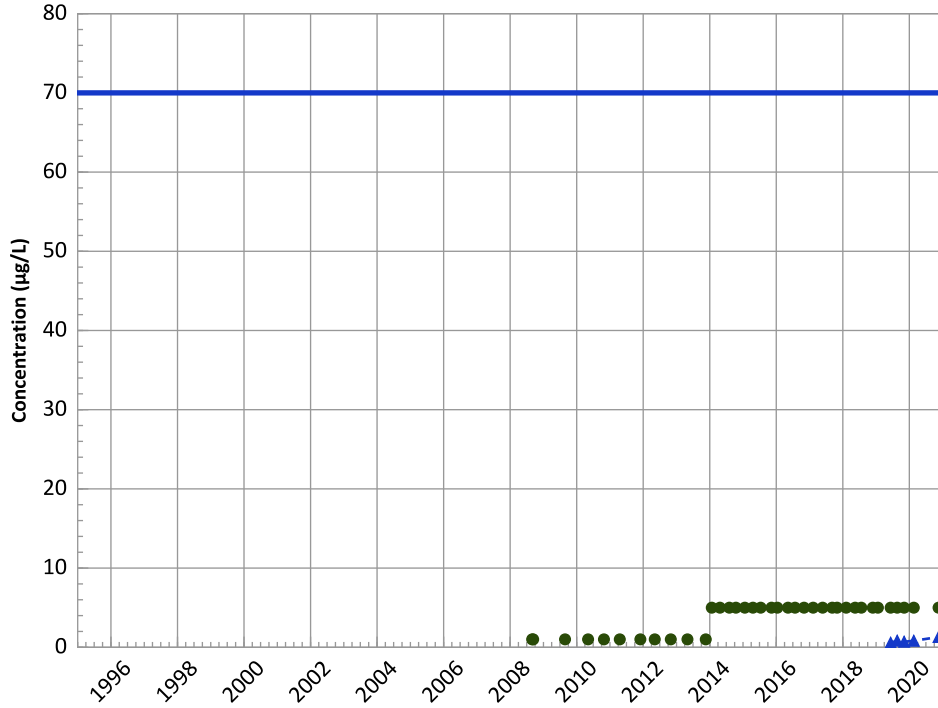
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

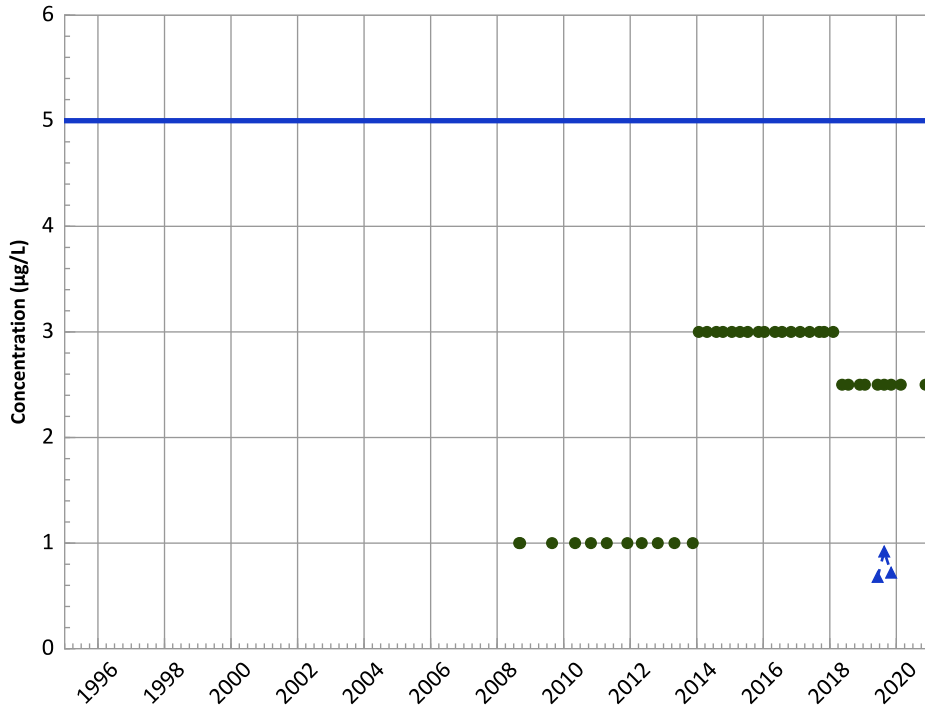
2018 - 2020 Data:

No Trend

All Data:

Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

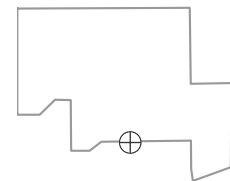
2018 - 2020 Data:

No Trend

All Data:

No Trend

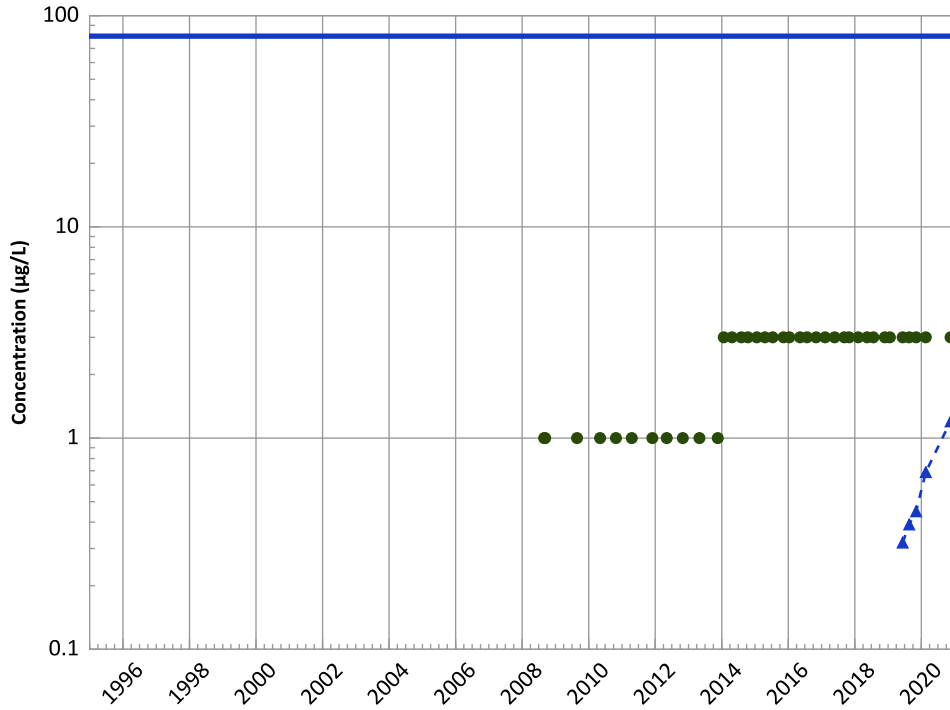
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing

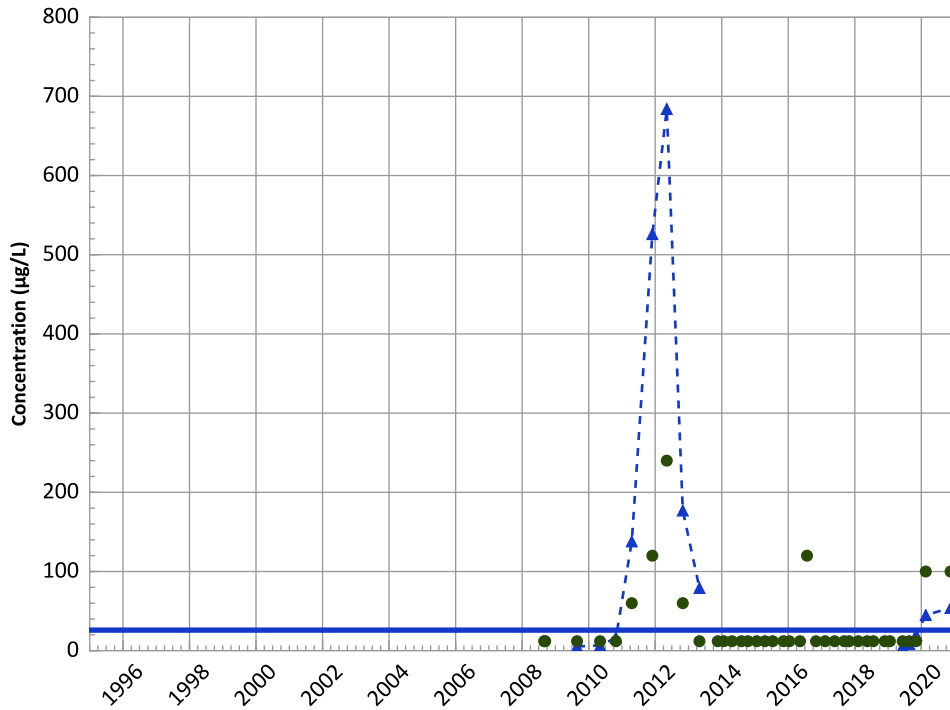
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Increasing

All Data:
Increasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing

All Data:
Decreasing

MAROS Linear Regression Method

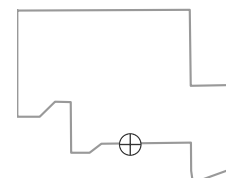
2018 - 2020 Data:
Increasing

All Data:
No Trend

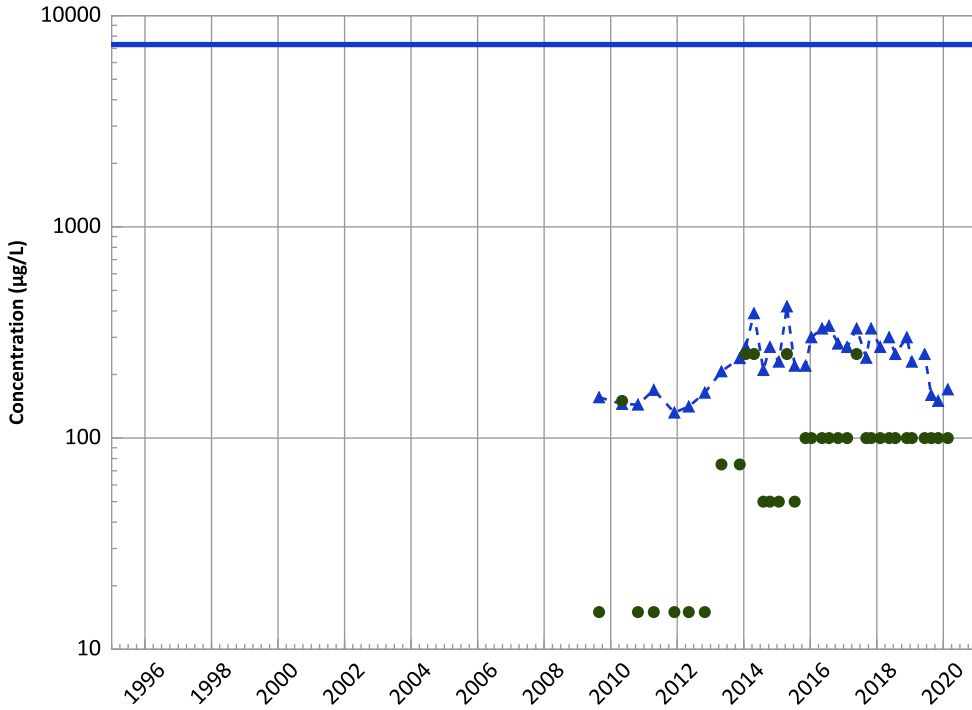
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

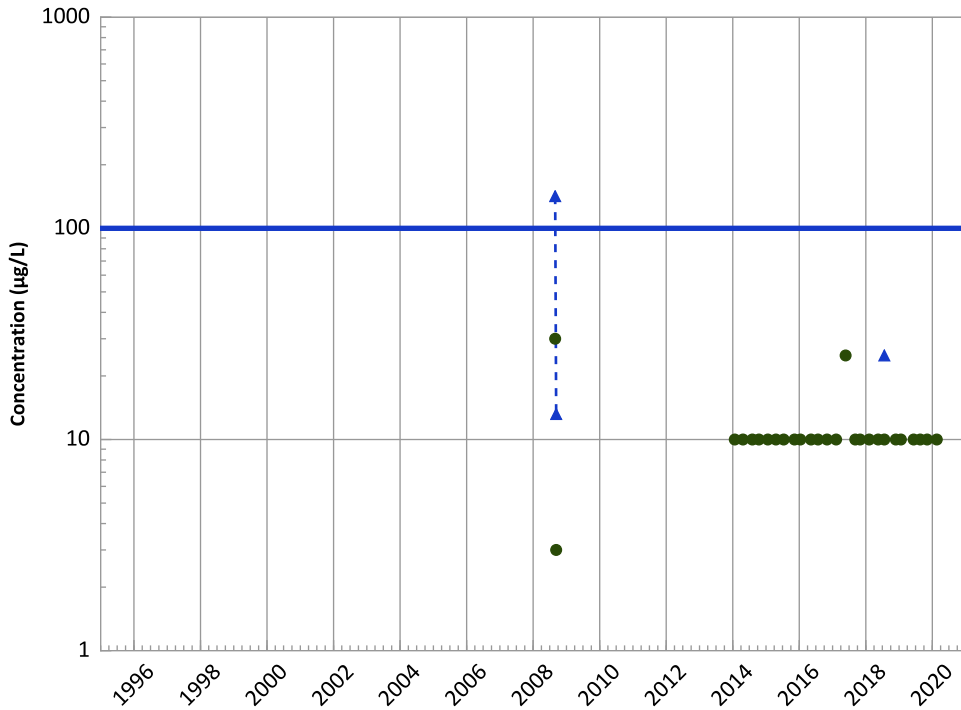
2018 - 2020 Data:

Stable

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

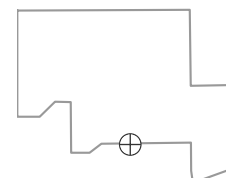
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

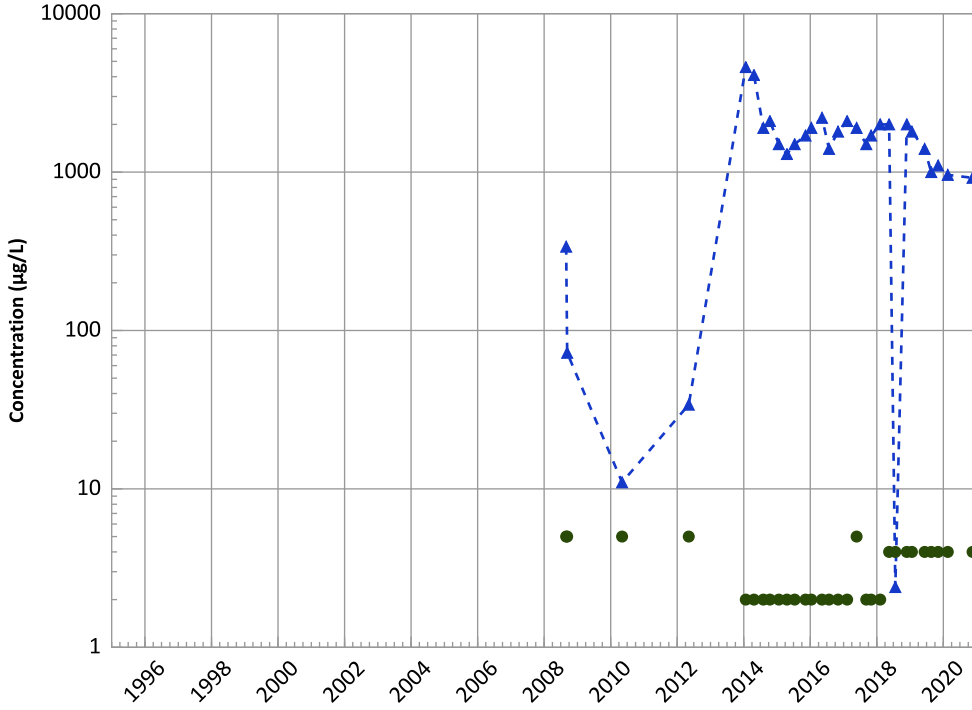


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

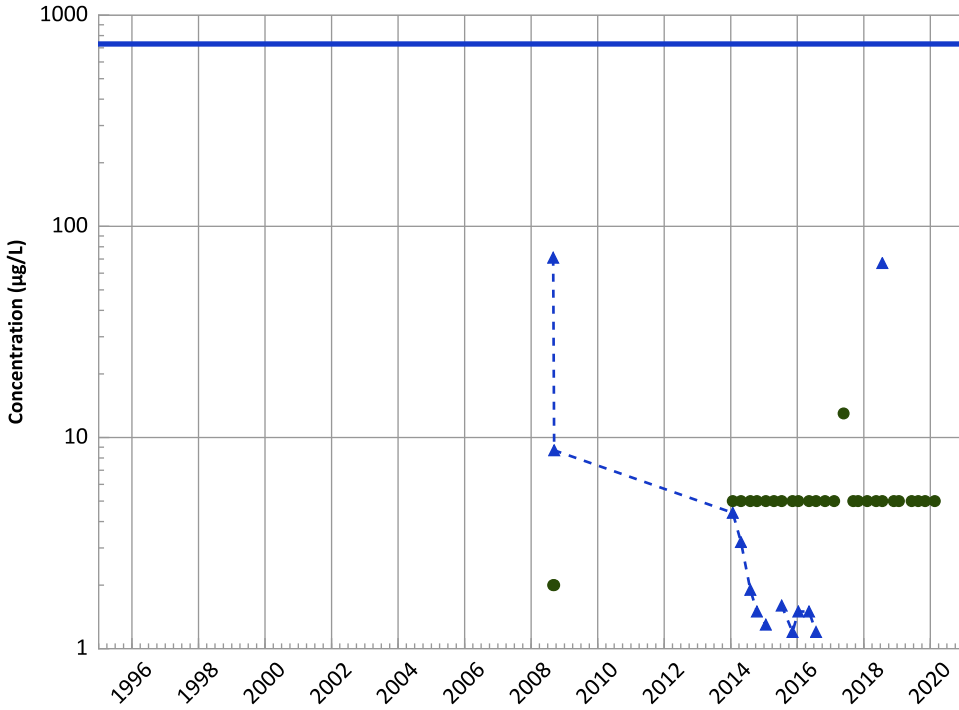
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

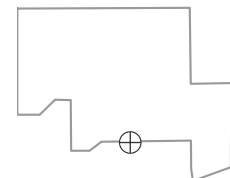
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

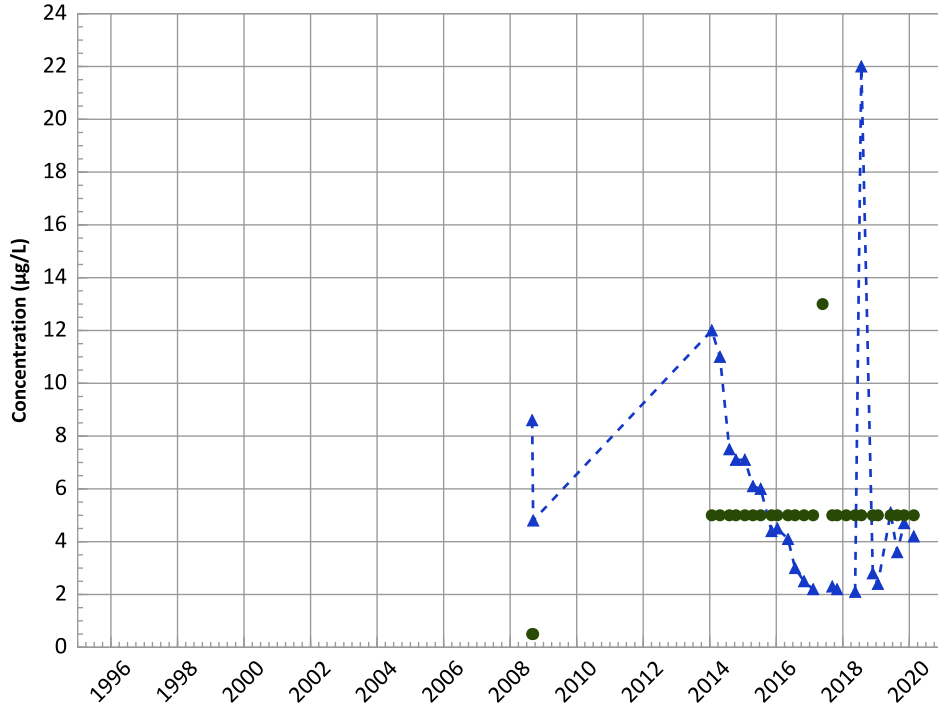
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

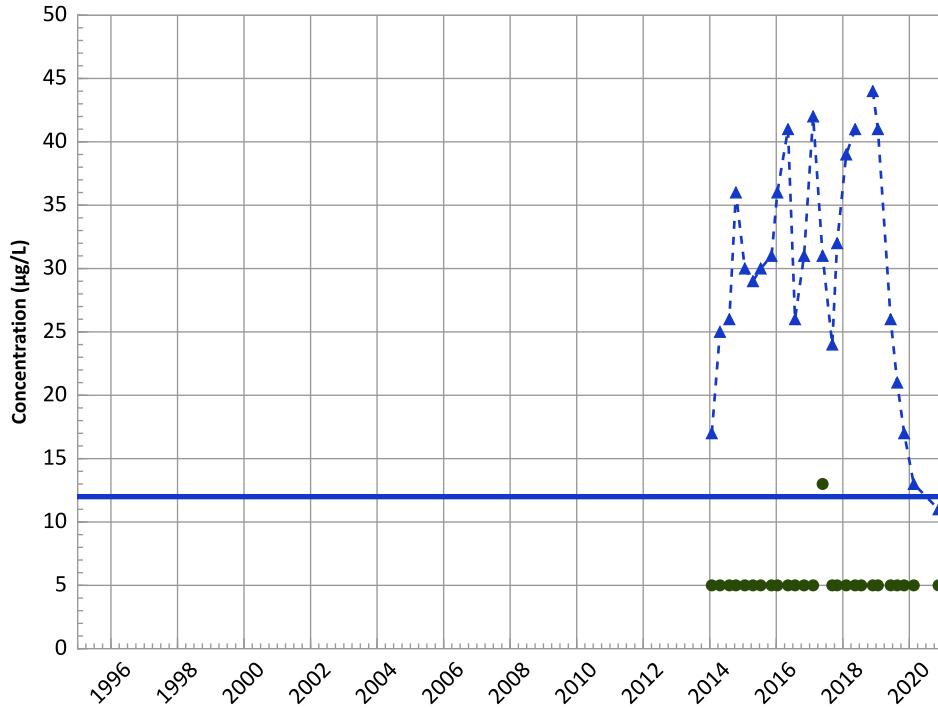


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

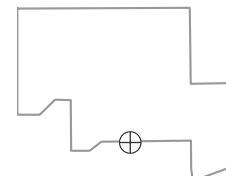
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

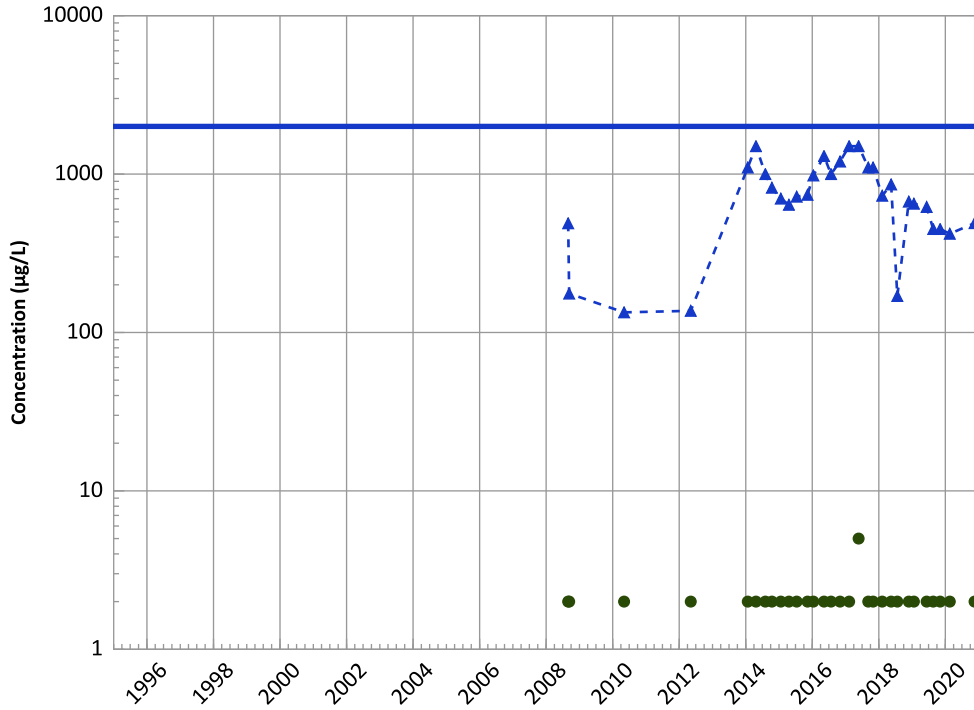
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

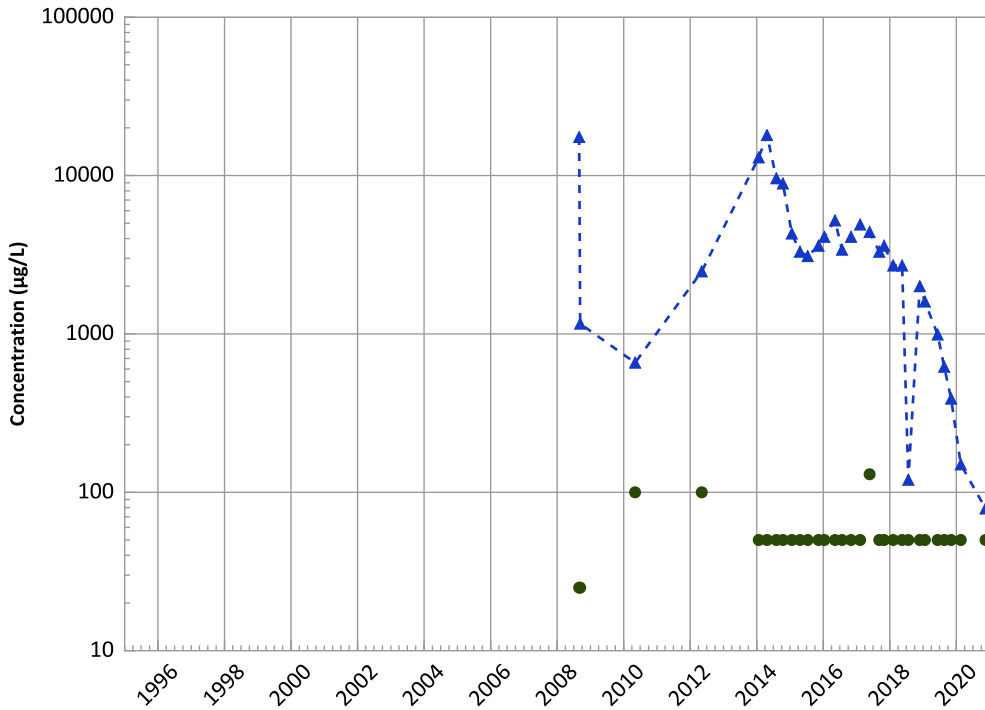
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

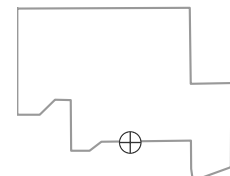
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

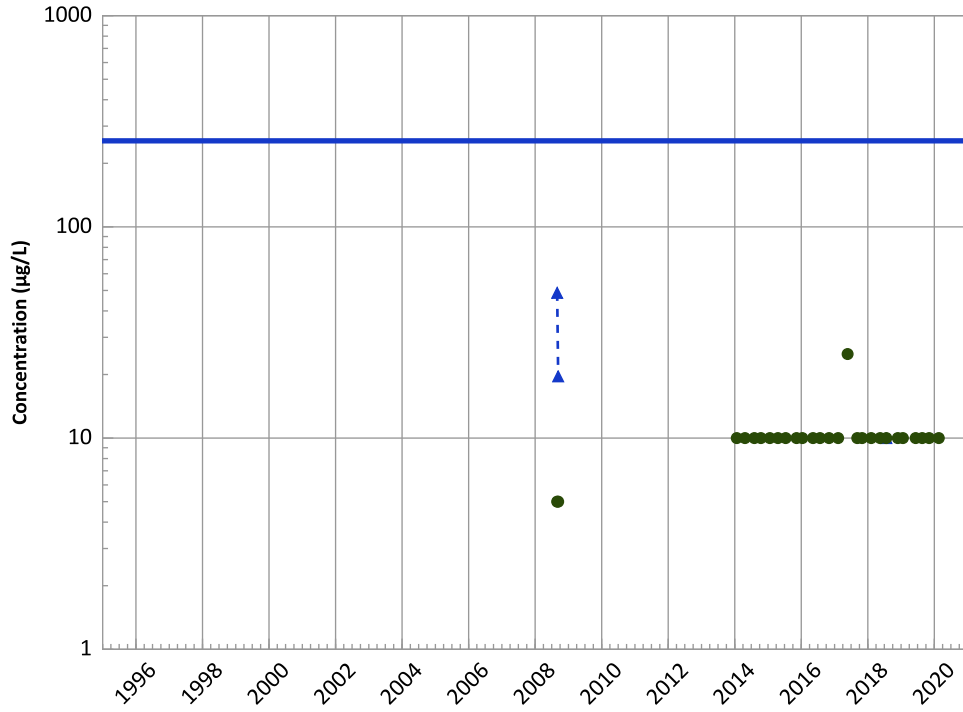
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**

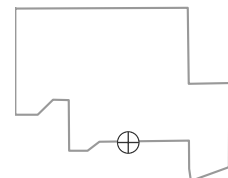


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Decreasing
MAROS Linear Regression Method
 2018 - 2020 Data:
 Stable
 All Data:
 Probably Decreasing

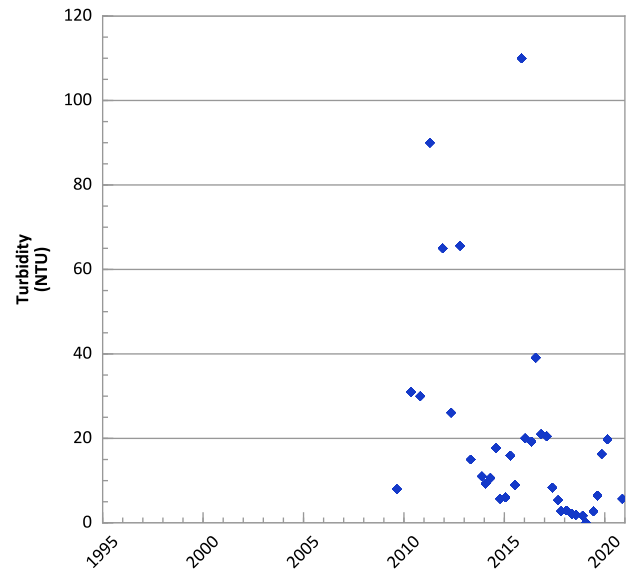
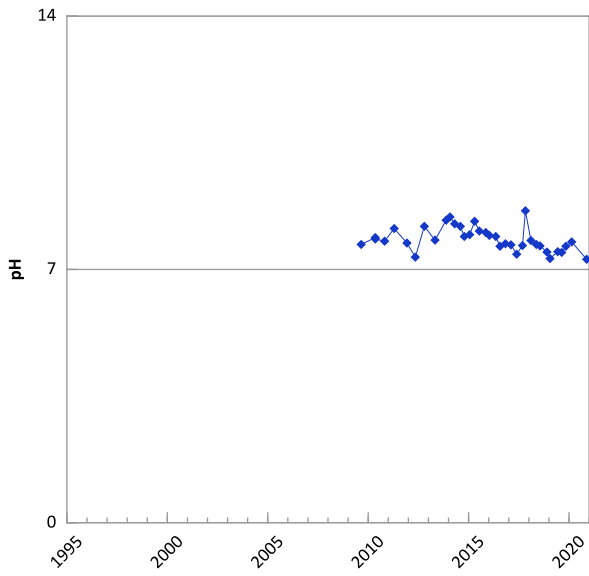
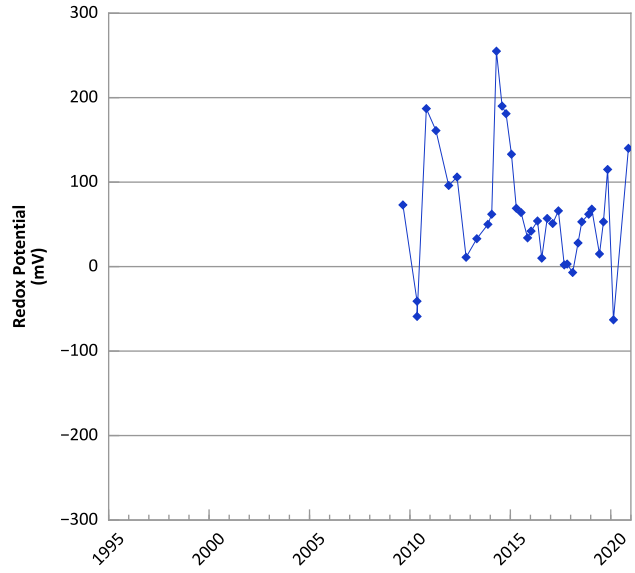
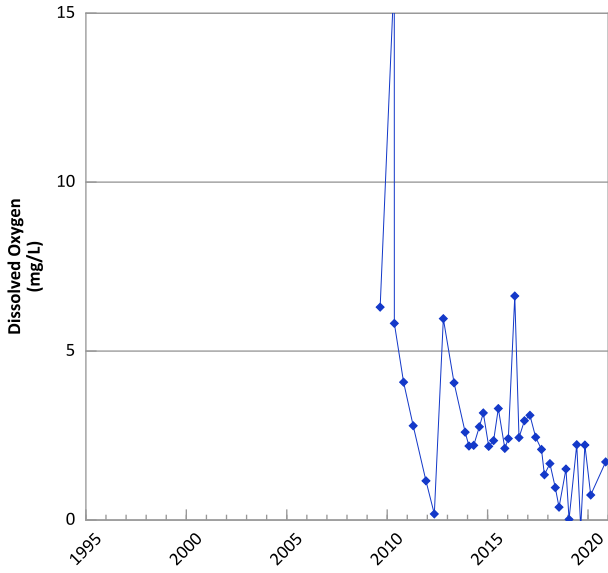
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

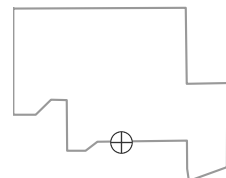


**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



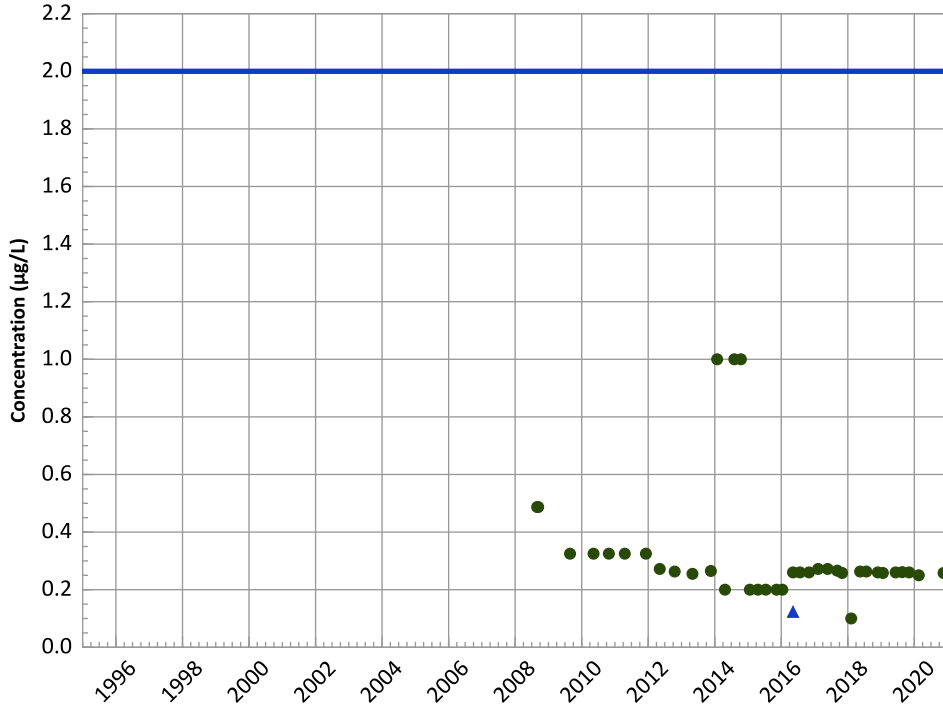
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/30/2008 to 11/17/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

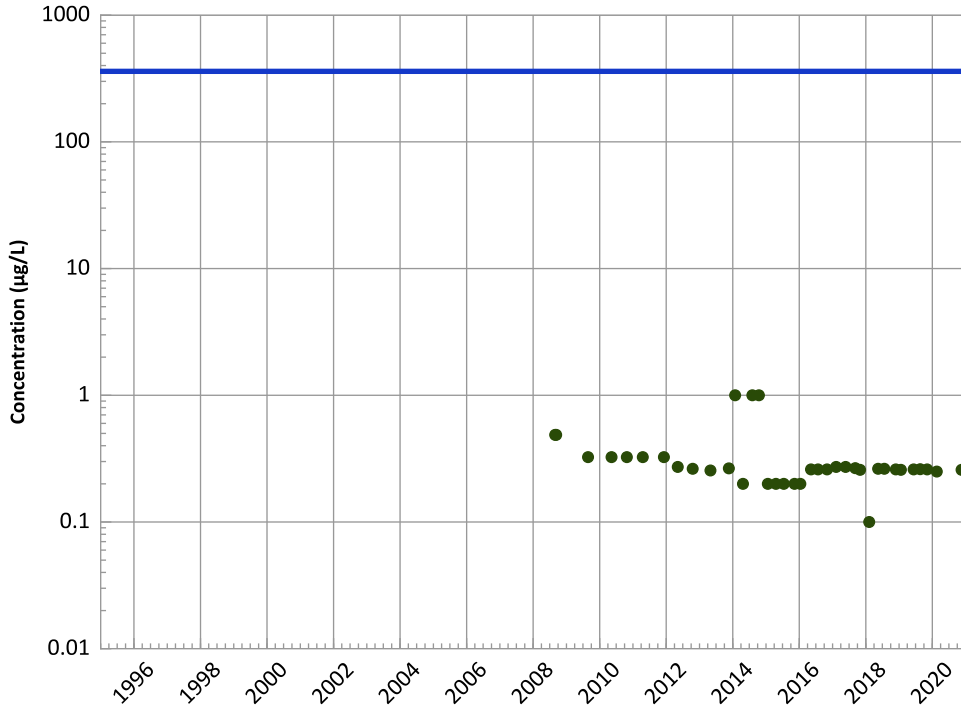
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

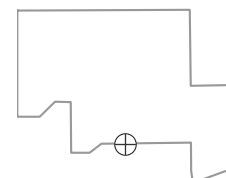
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

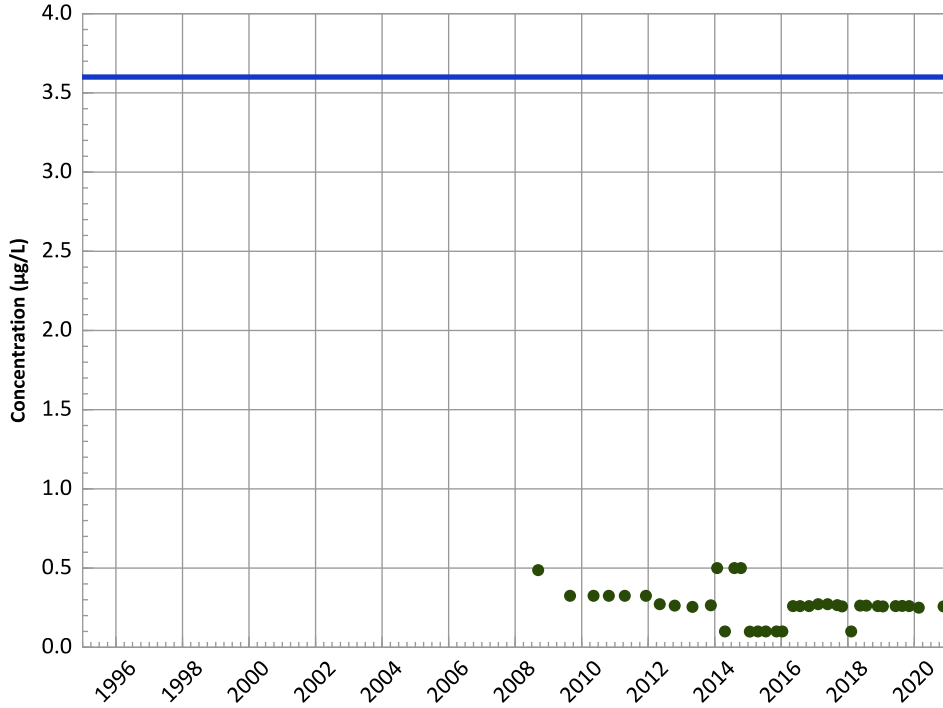


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

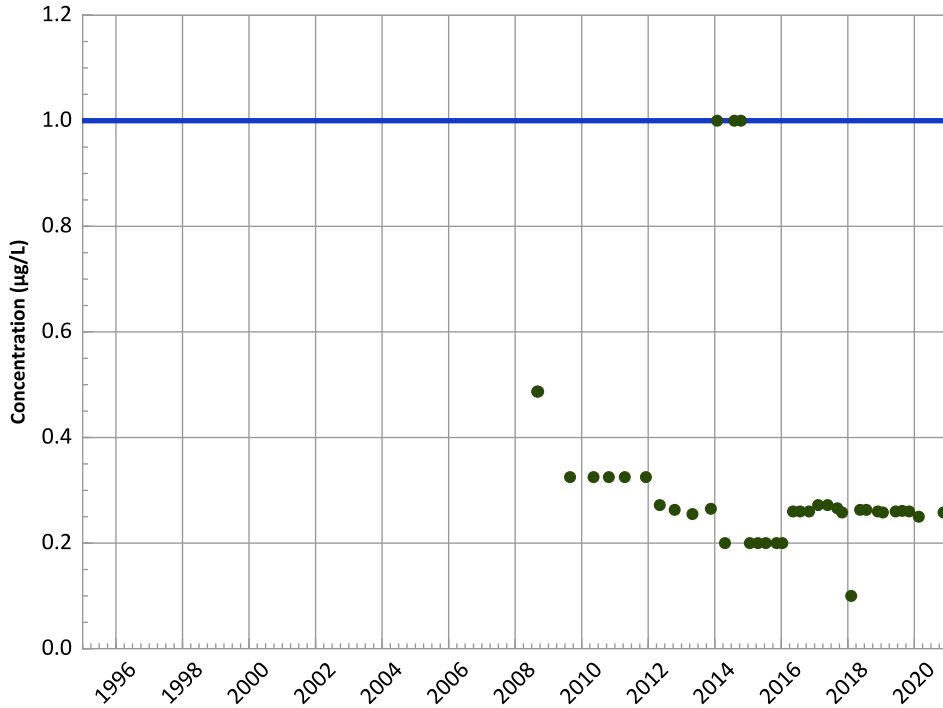
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

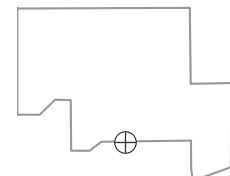
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

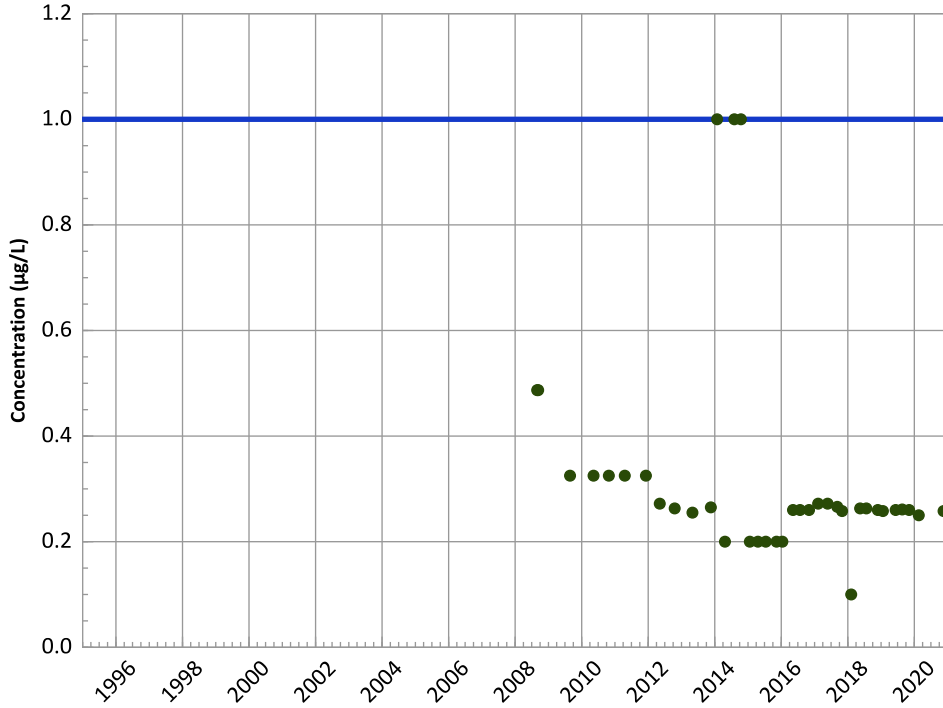
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

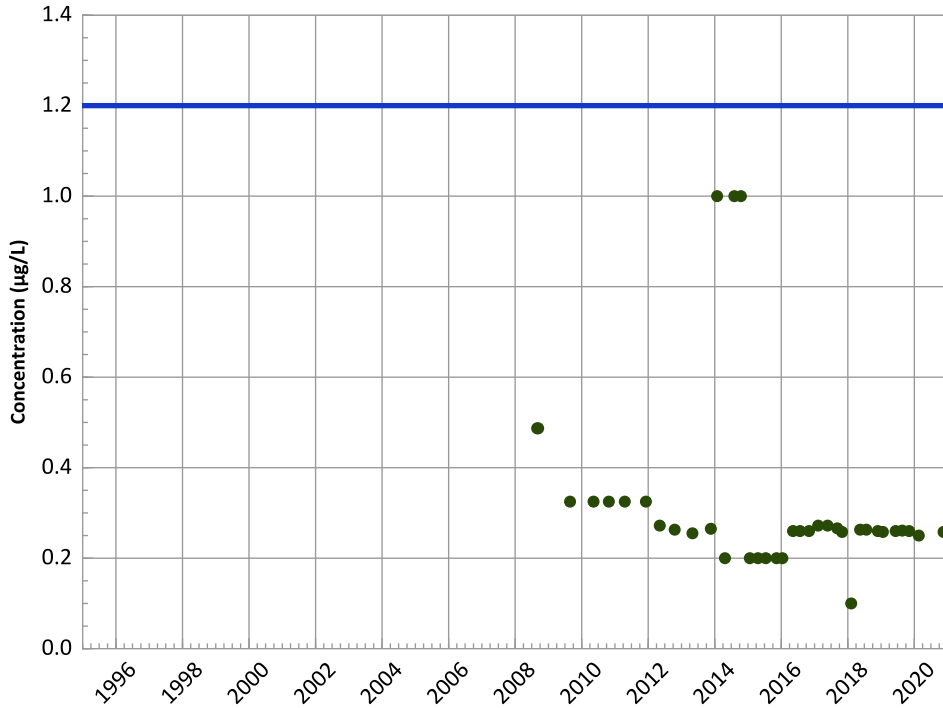
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

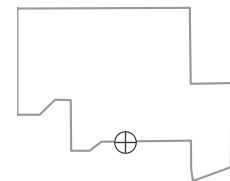
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

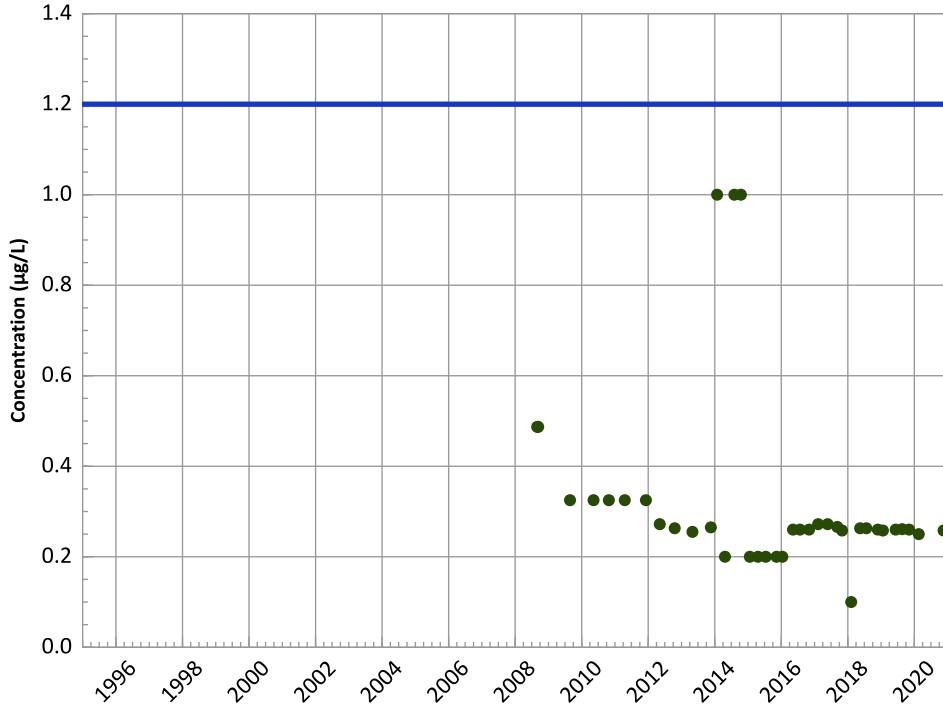


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

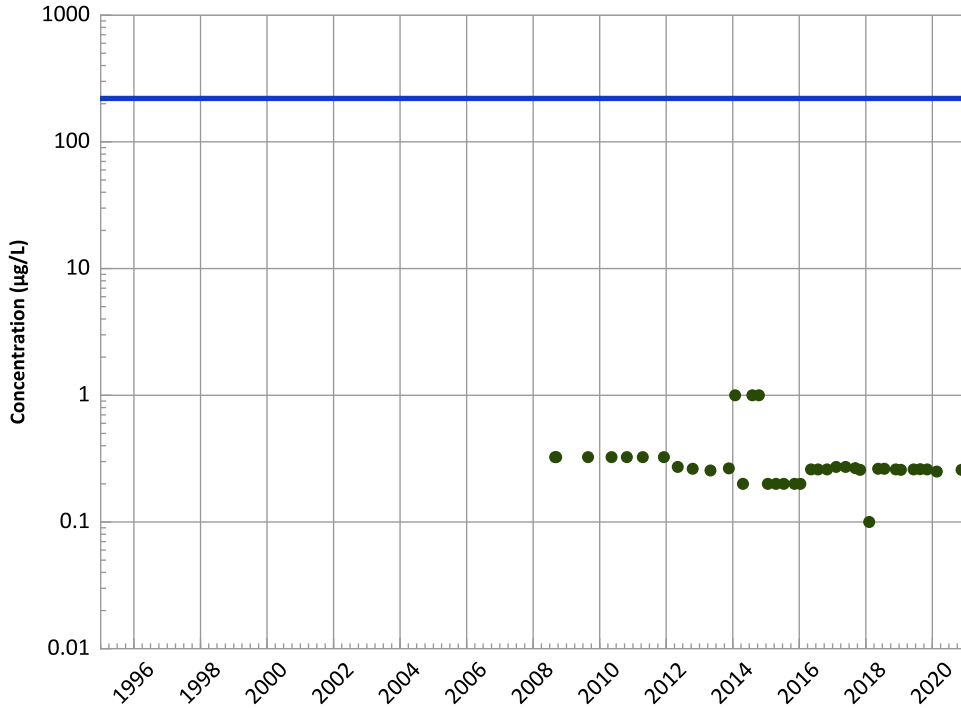
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

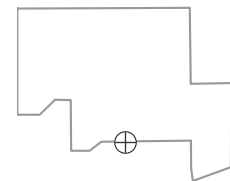
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

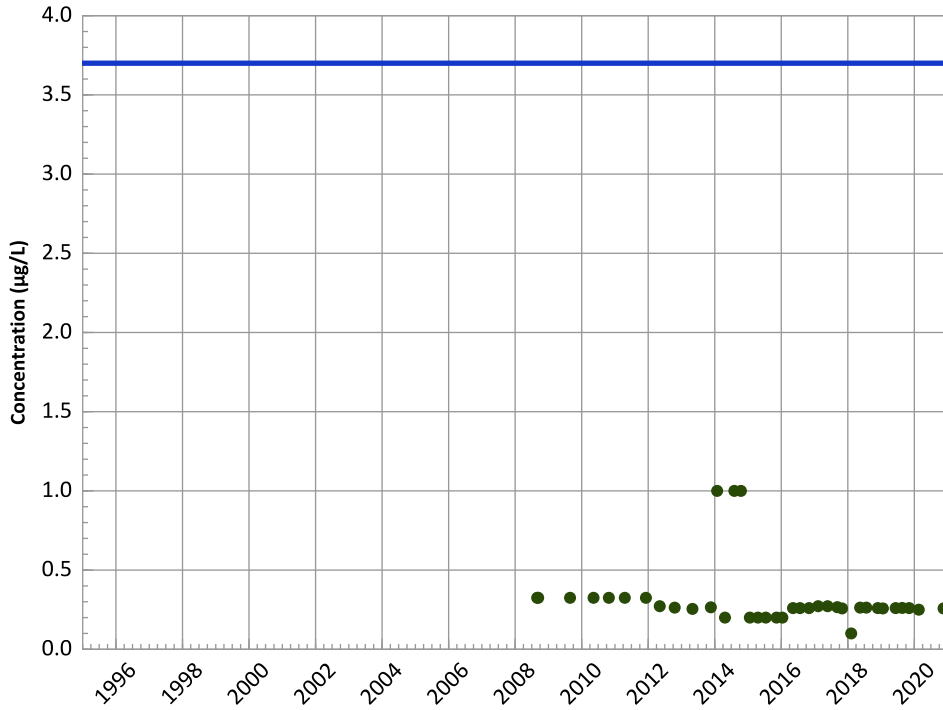


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

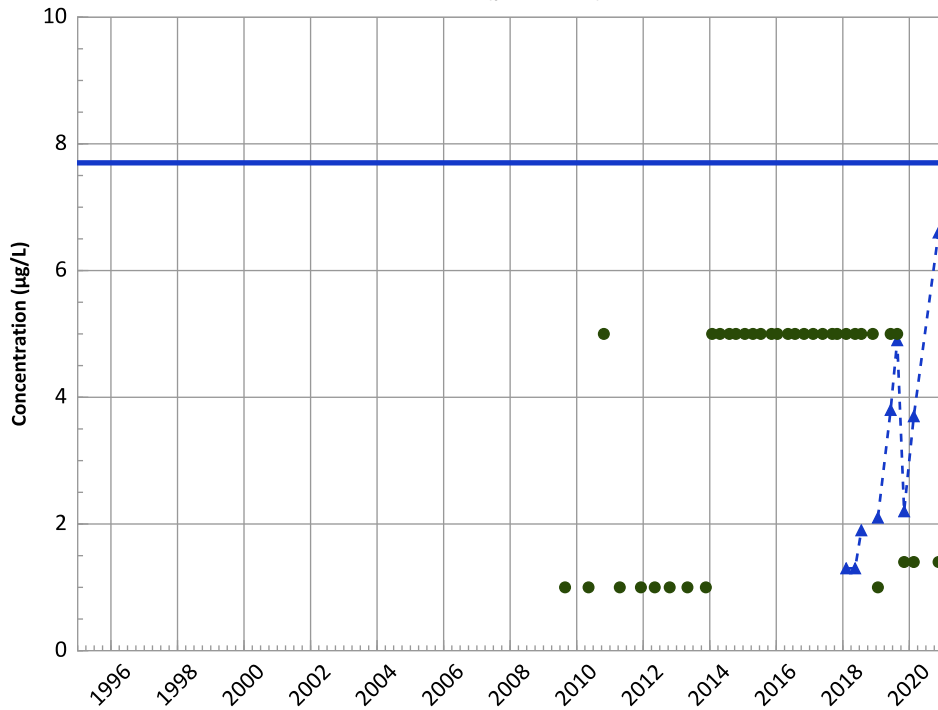
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

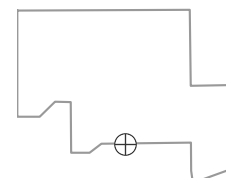
2018 - 2020 Data:

No Trend

All Data:

Increasing

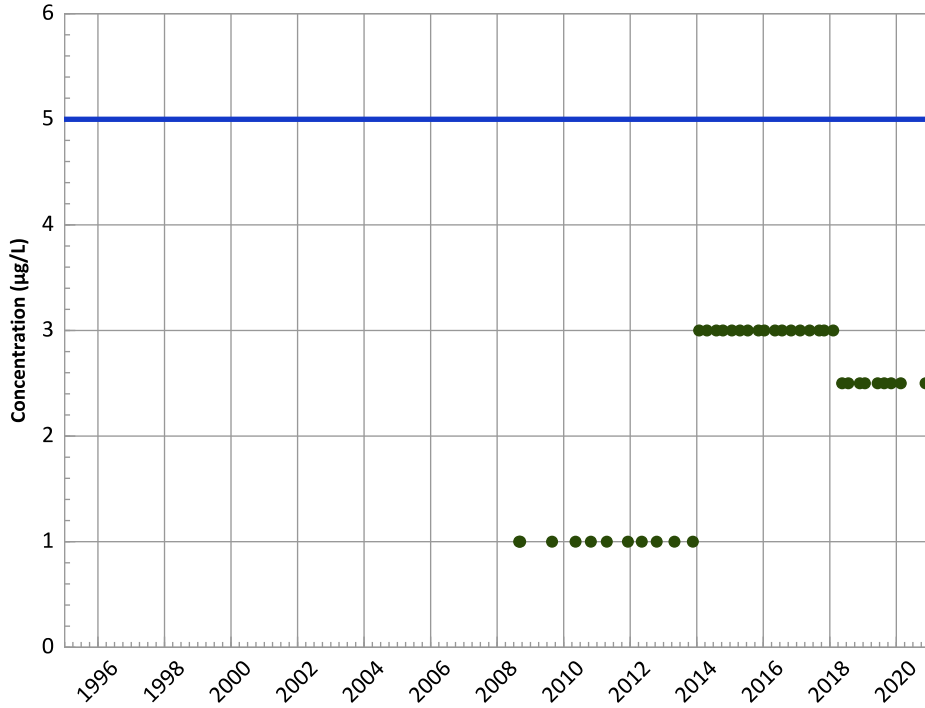
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

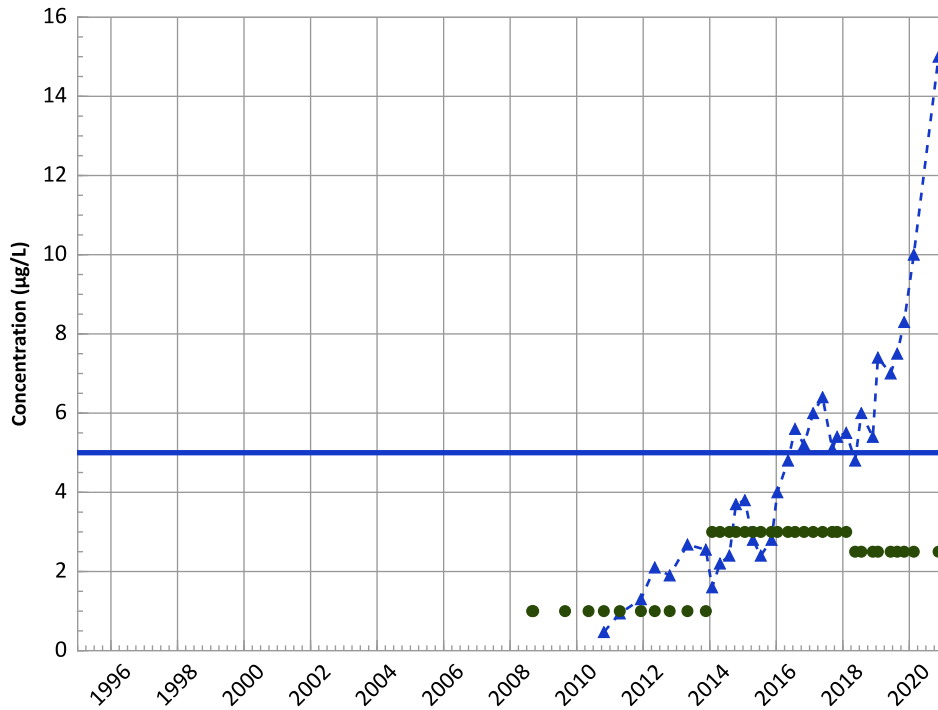
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

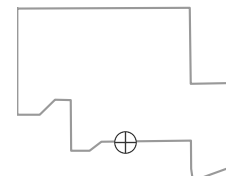
All Data:

Increasing

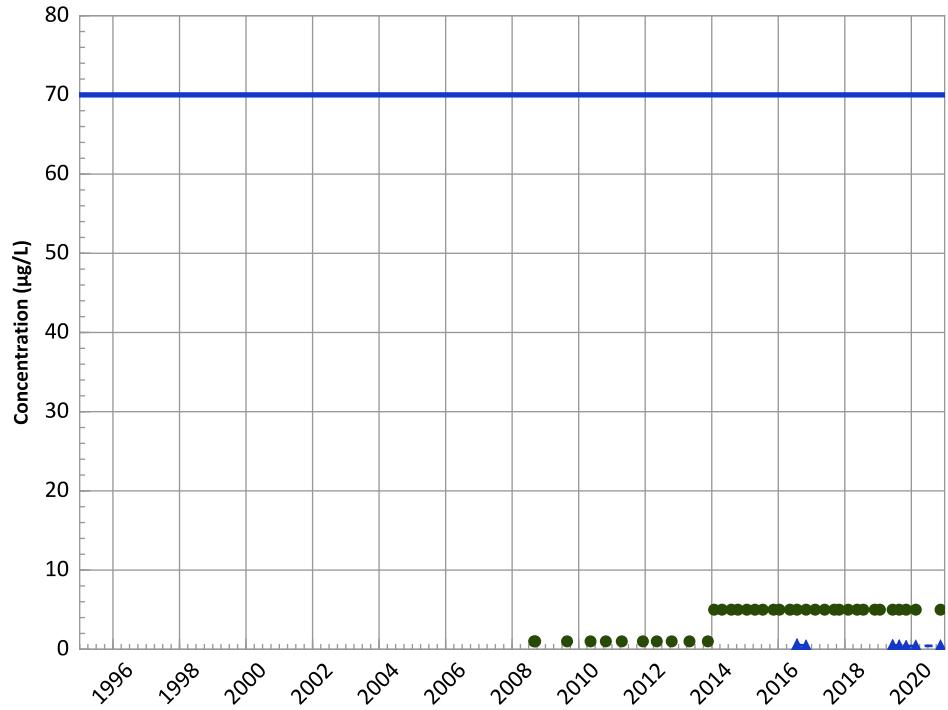
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

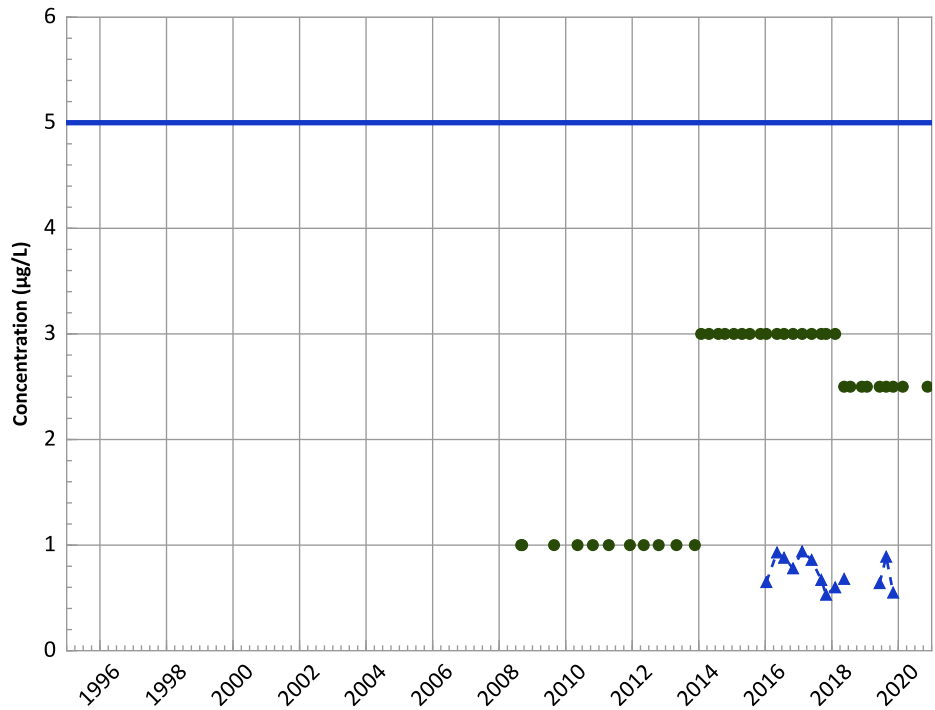
2018 - 2020 Data:

Stable

All Data:

No Trend

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

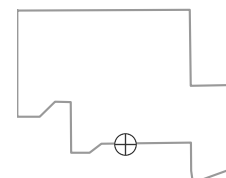
2018 - 2020 Data:

Increasing

All Data:

Increasing

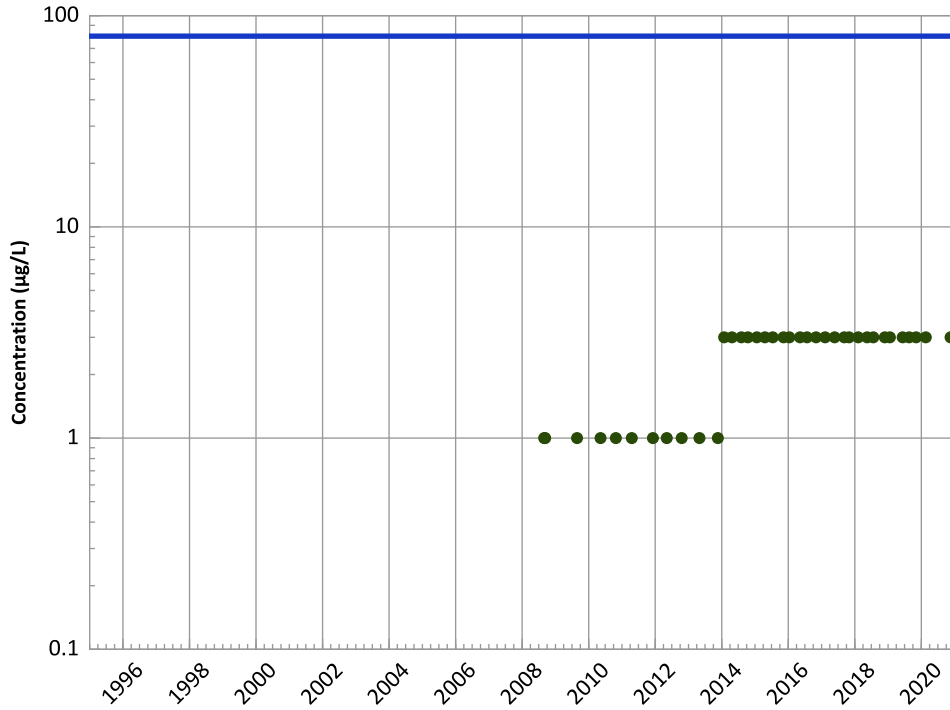
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

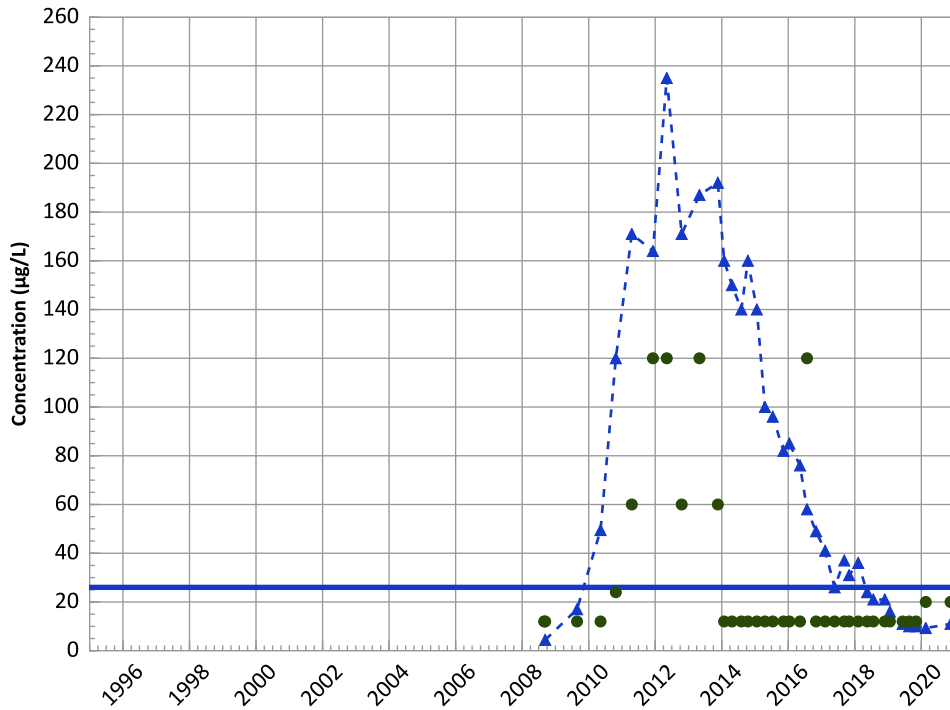
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

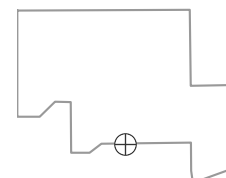
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

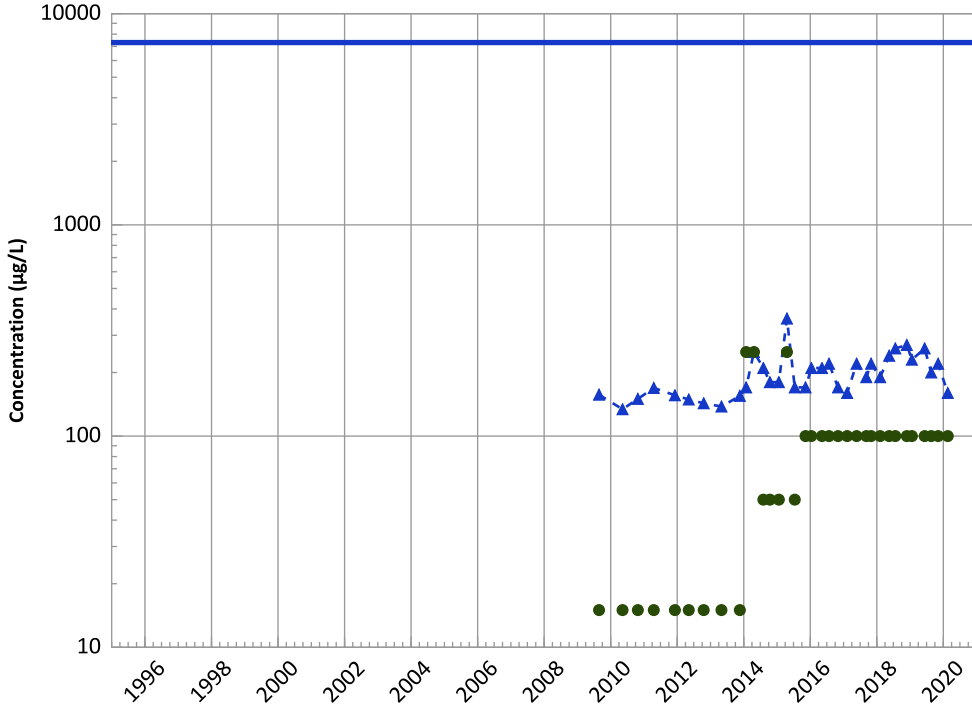
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

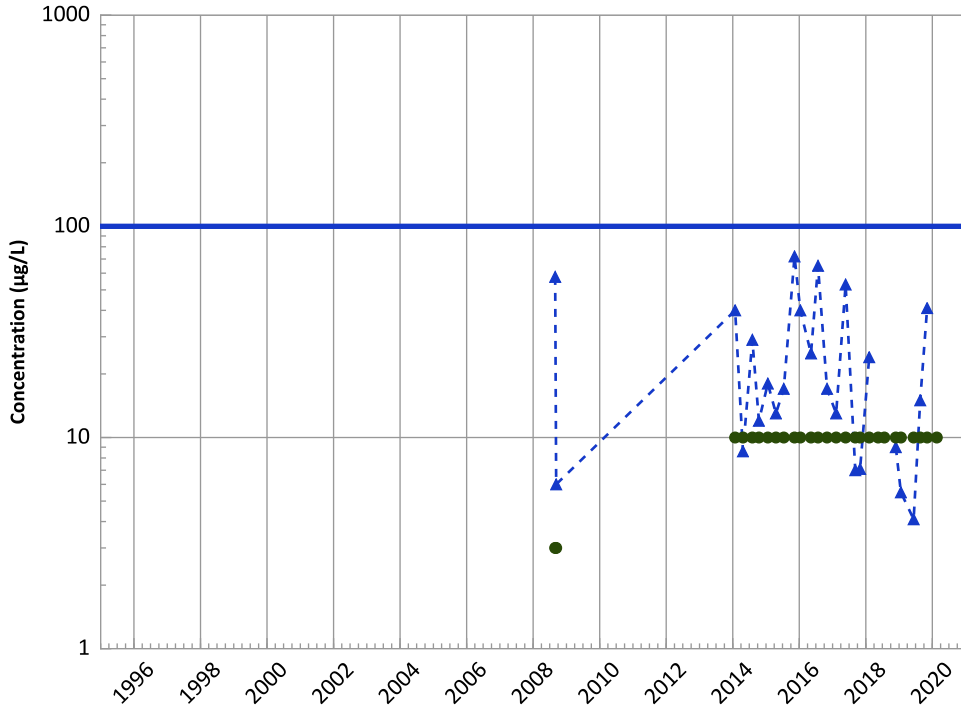
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

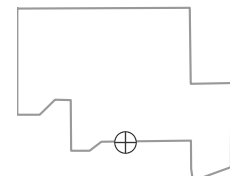
2018 - 2020 Data:

Increasing

All Data:

Stable

Well Location

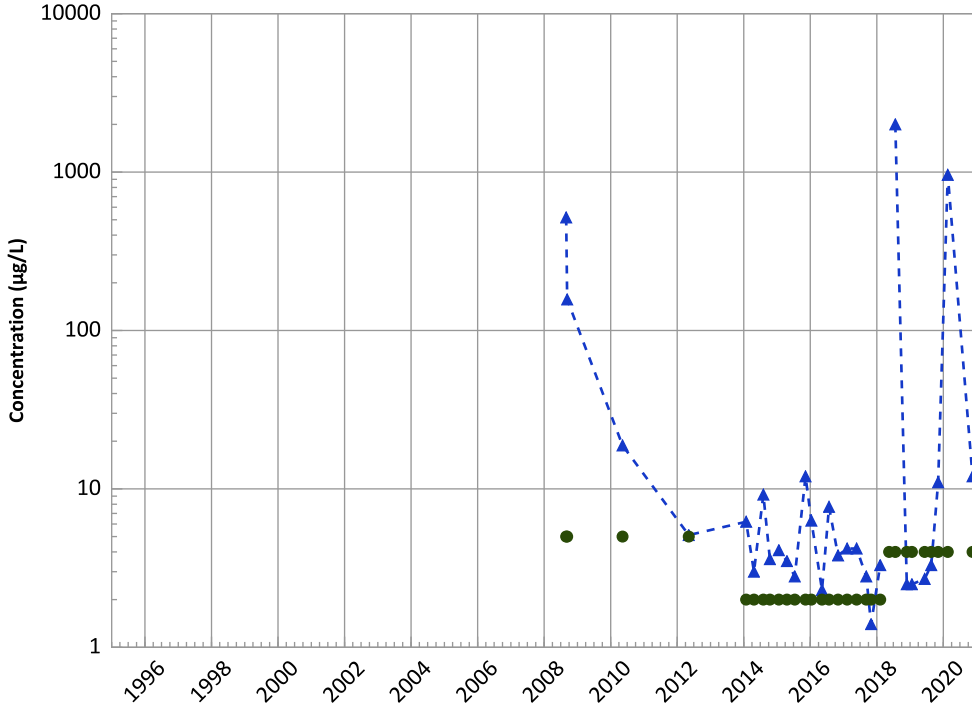


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

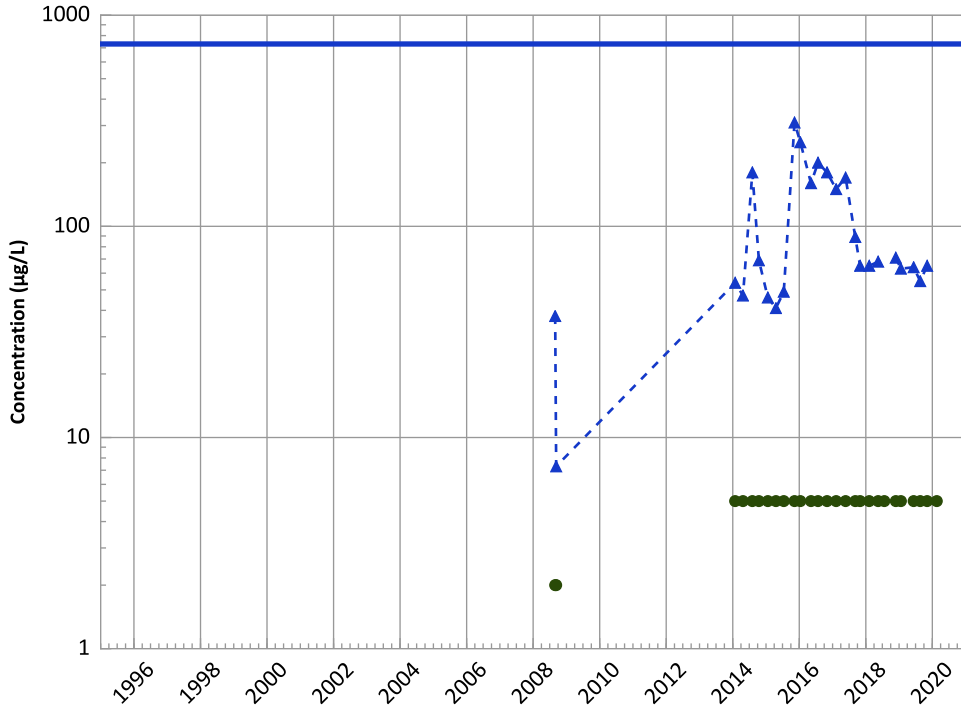
2018 - 2020 Data:

No Trend

All Data:

No Trend

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

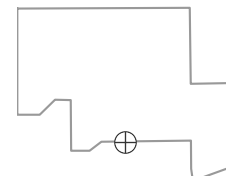
All Data:

Increasing

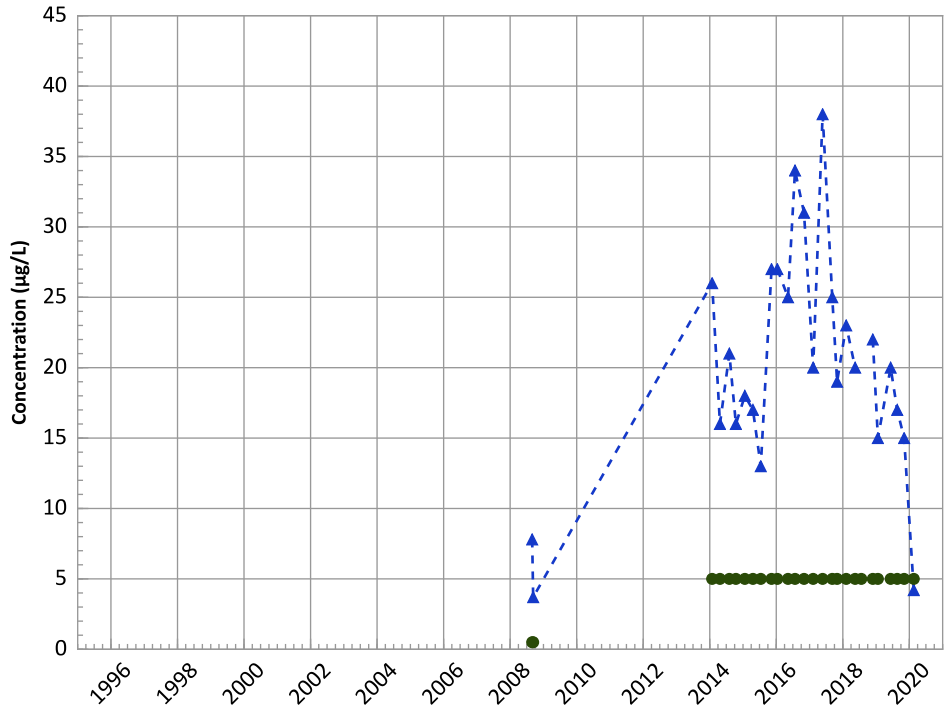
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

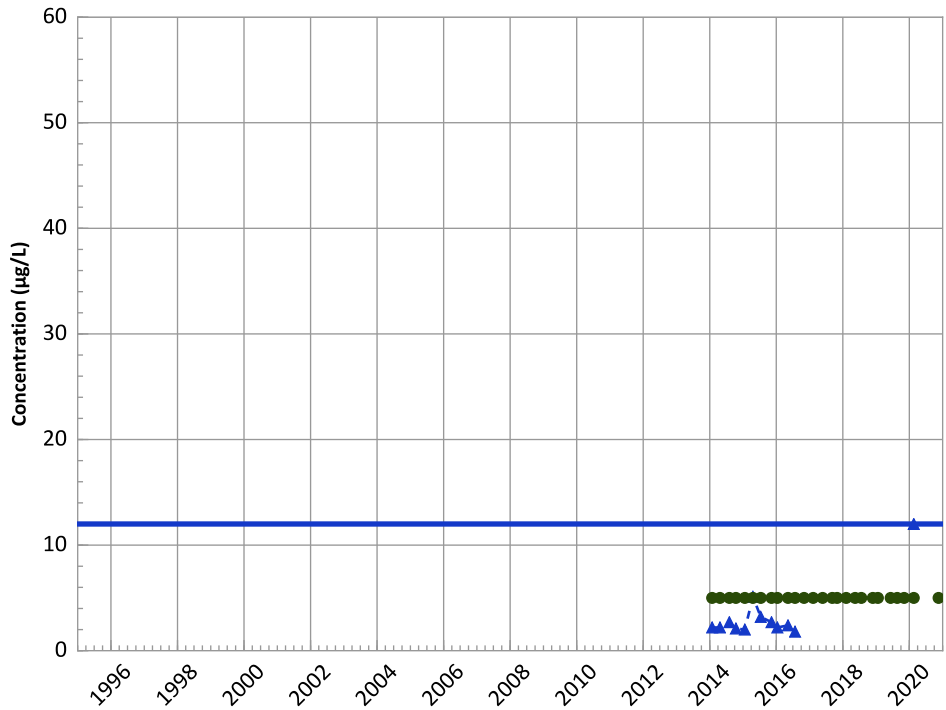


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Arsenic Trend

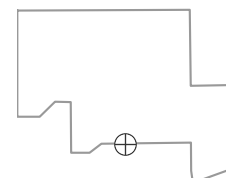


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Well Location

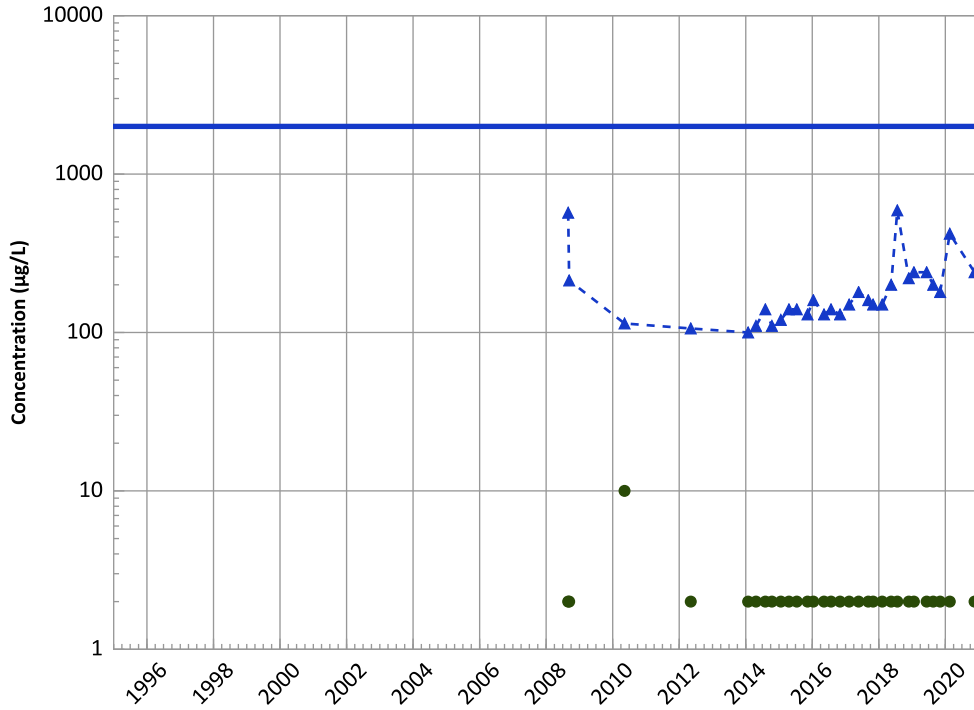


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

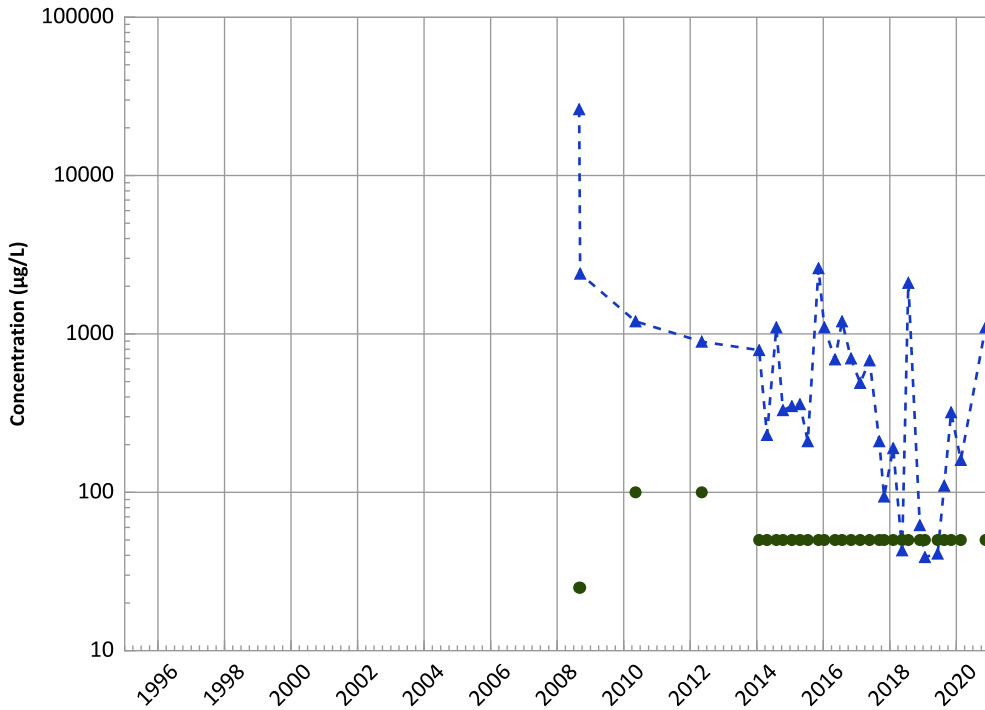
2018 - 2020 Data:

No Trend

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

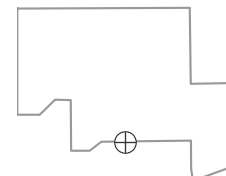
2018 - 2020 Data:

No Trend

All Data:

Decreasing

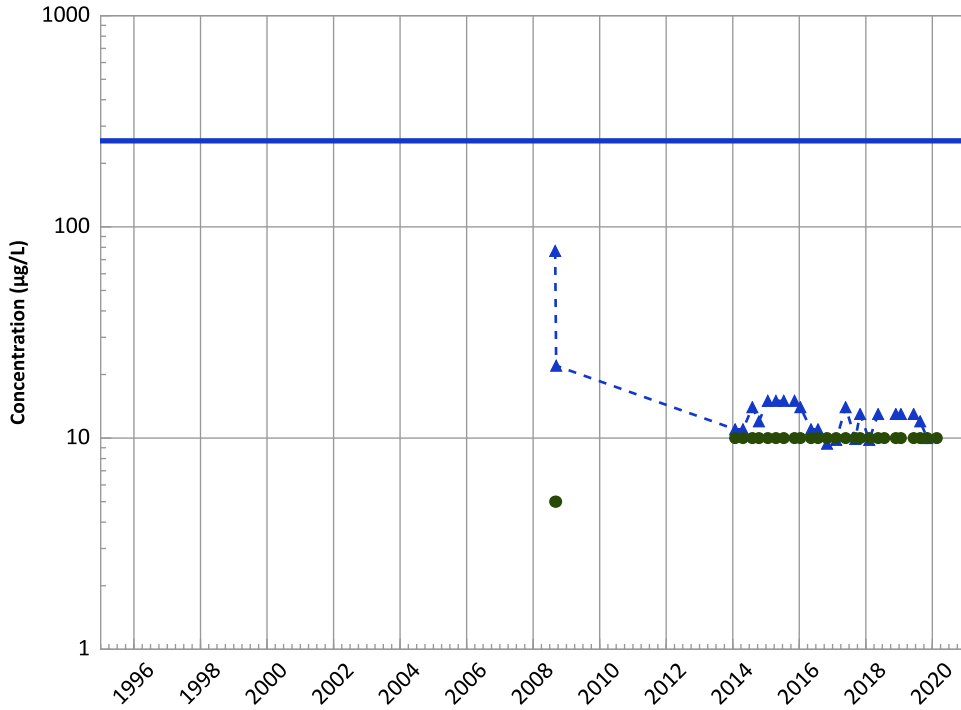
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

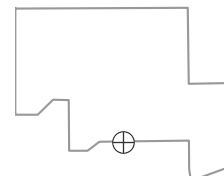
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

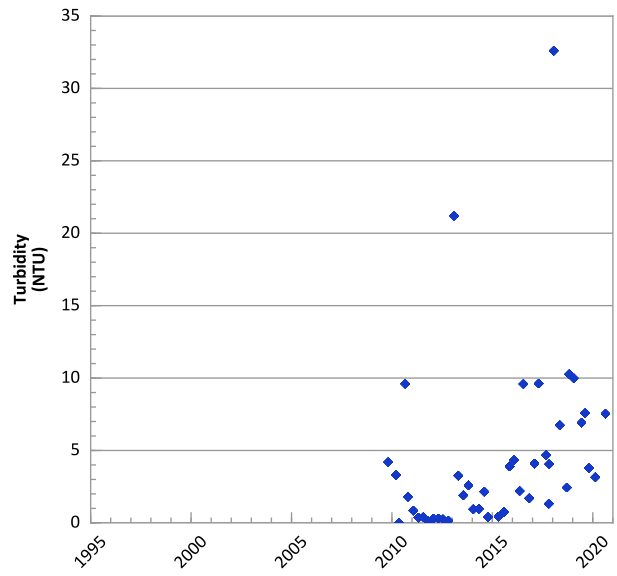
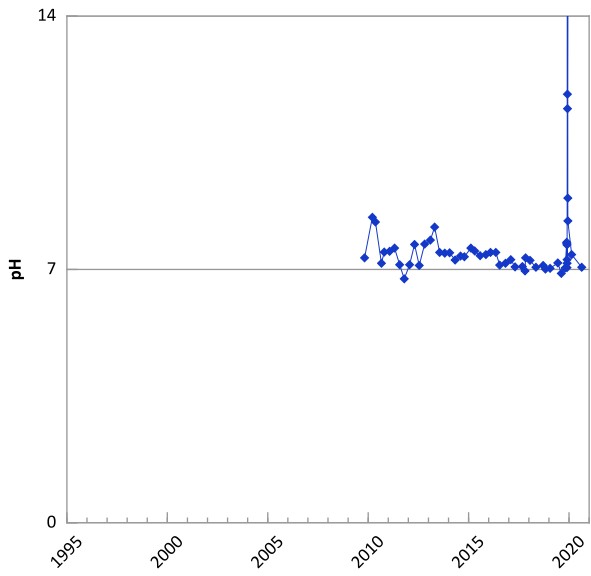
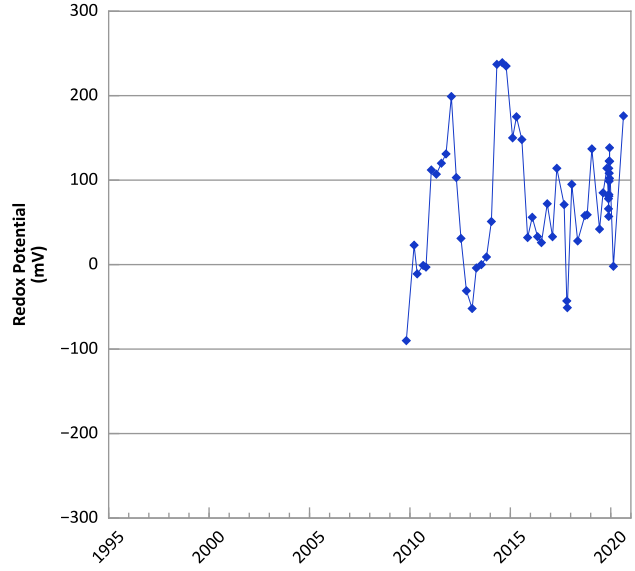
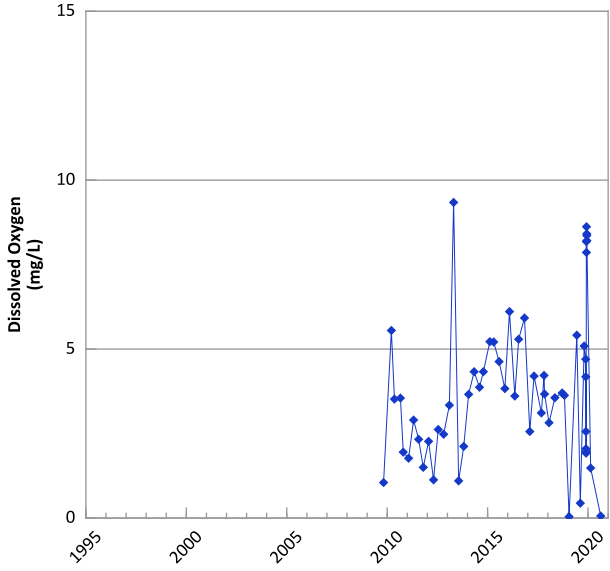
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/30/2008 to 11/17/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

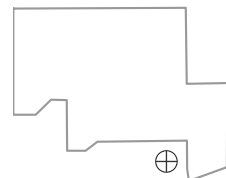


**PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



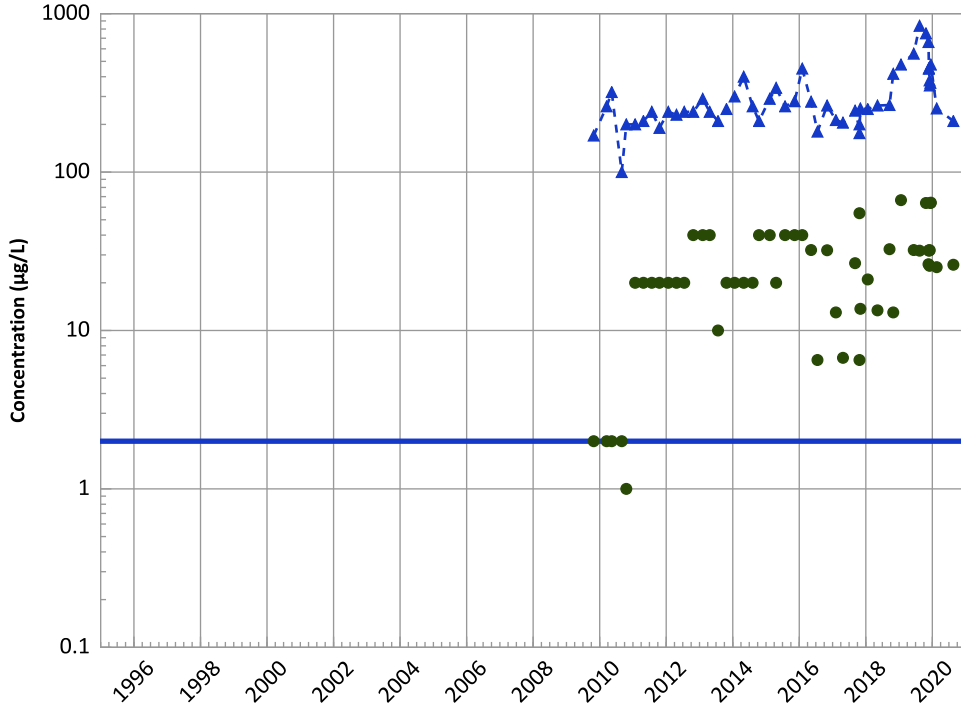
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/27/2009 to 08/19/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

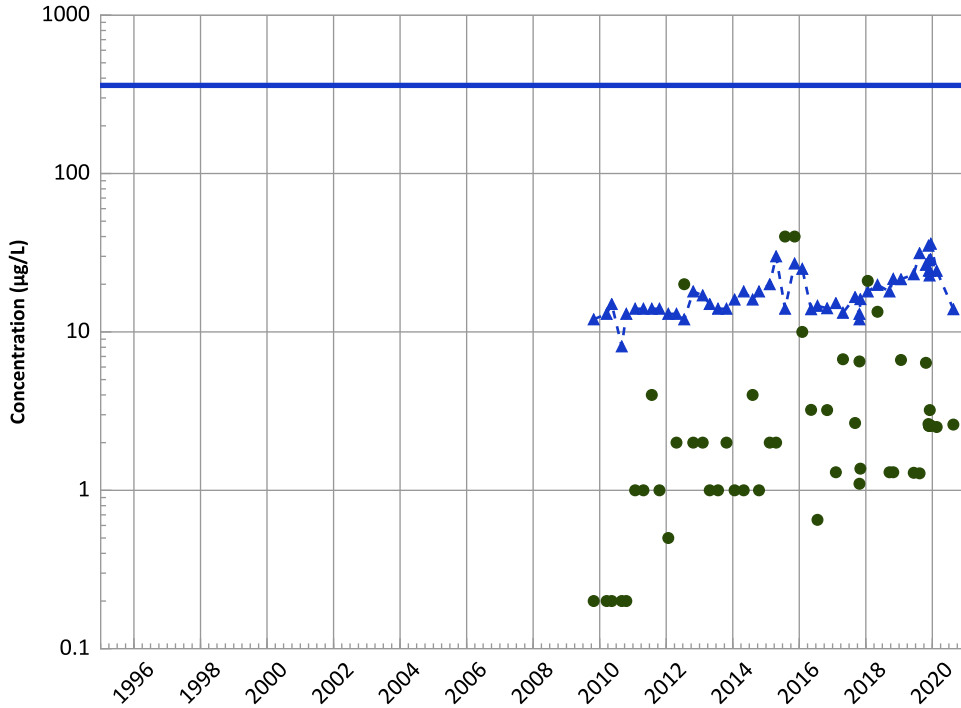
2018 - 2020 Data:

Stable

All Data:

Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

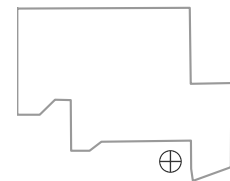
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

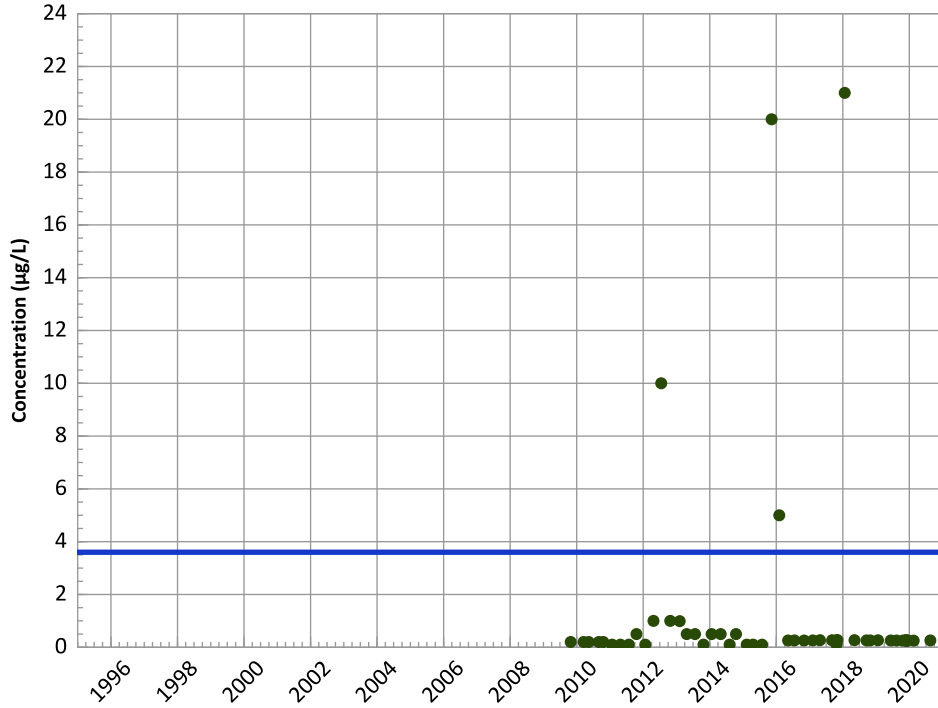


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

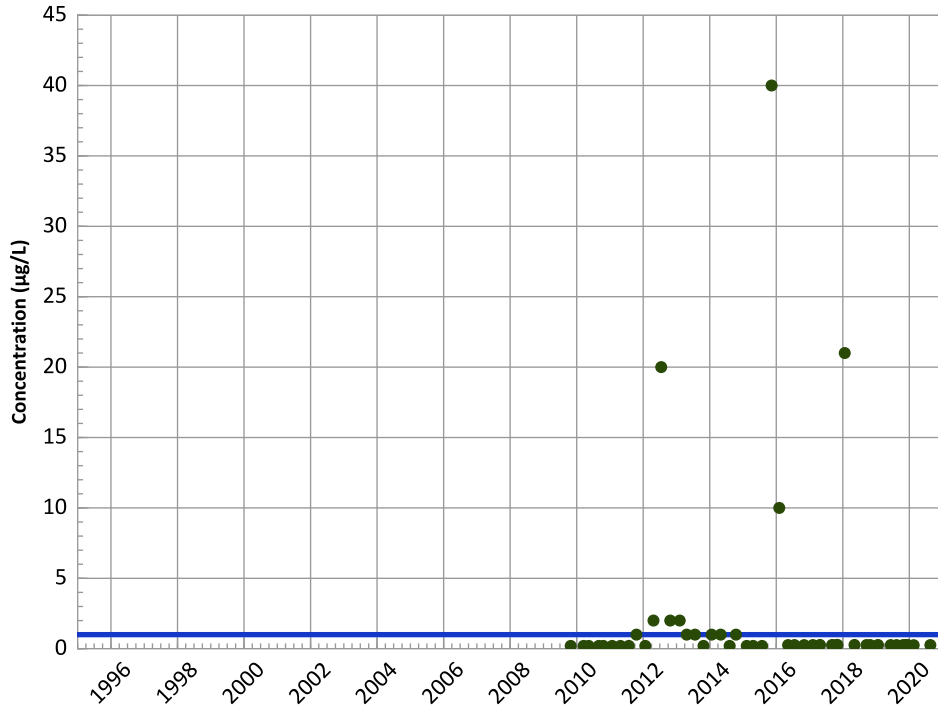
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

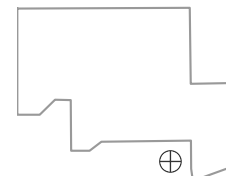
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

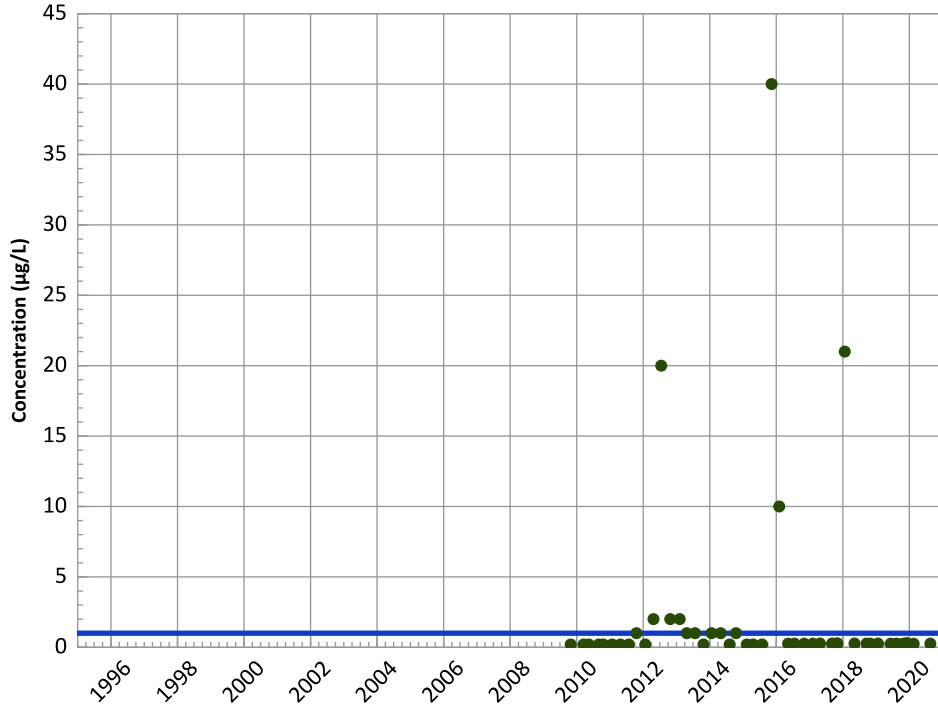
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

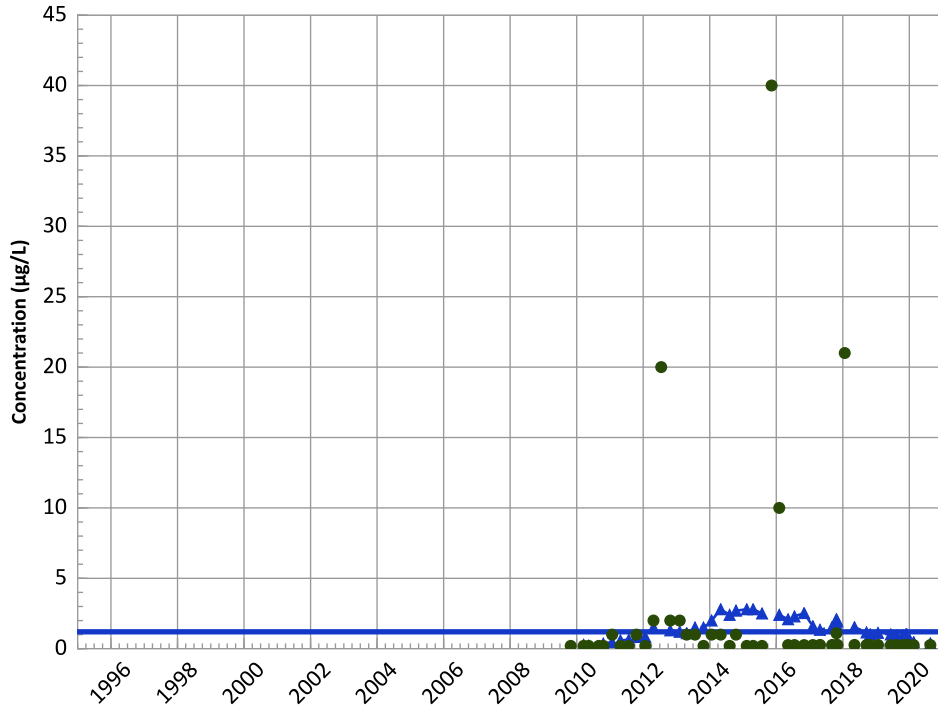
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

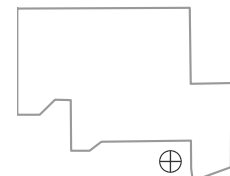
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

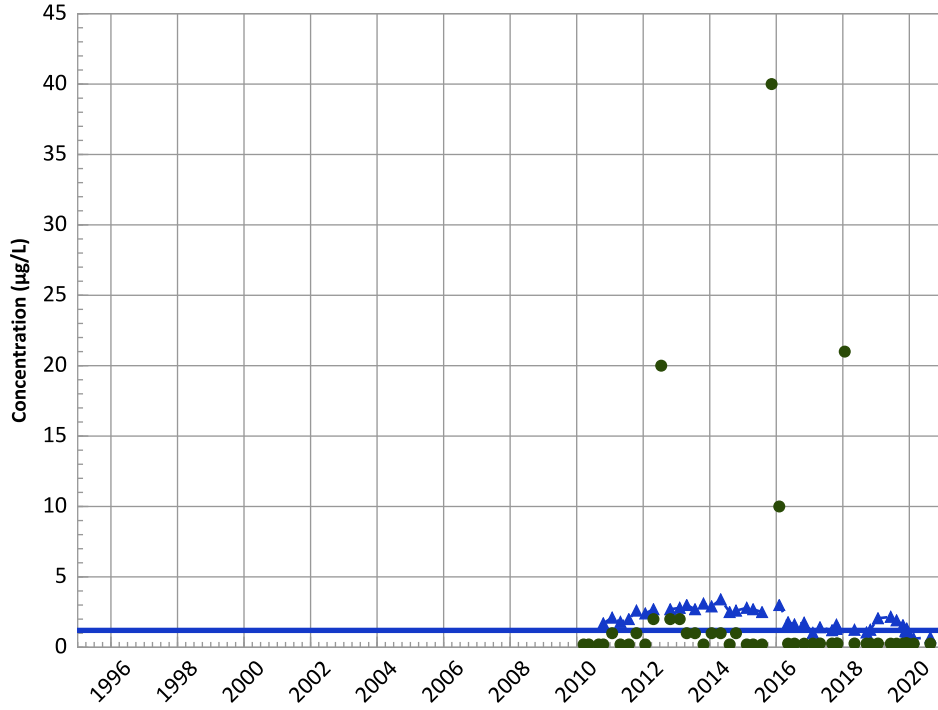
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

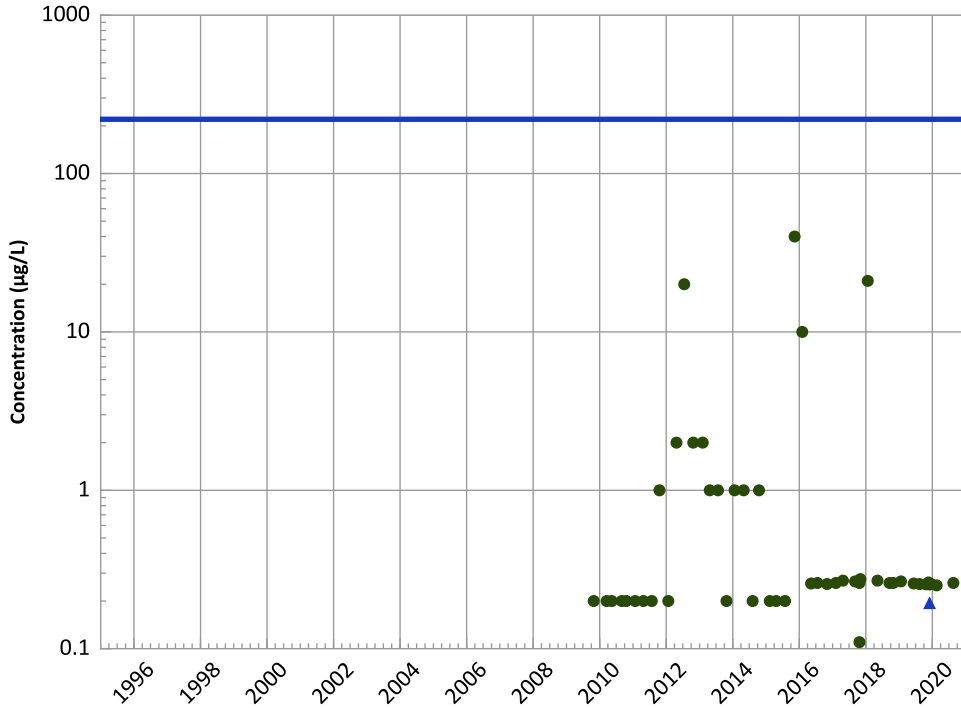
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

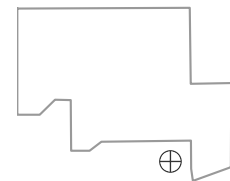
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

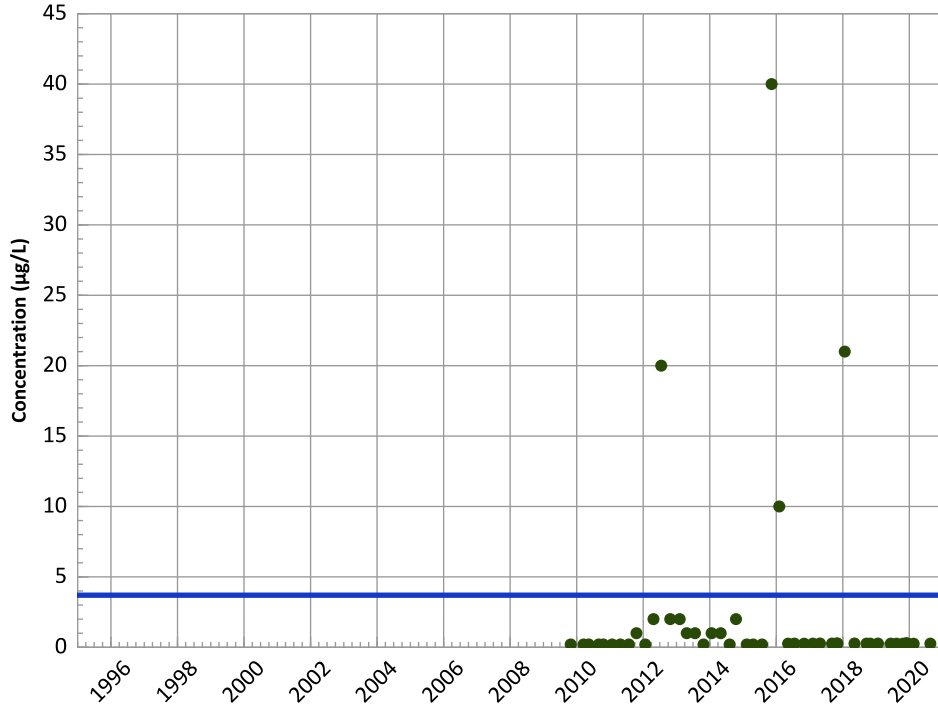
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

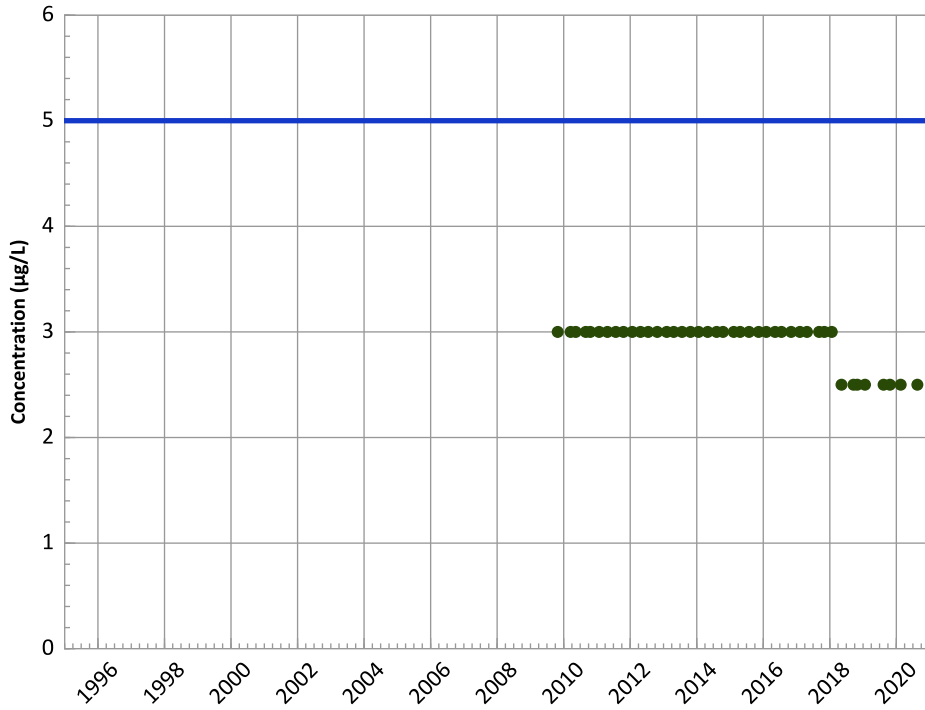
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

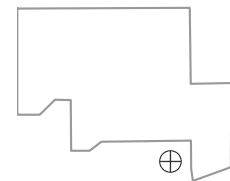
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

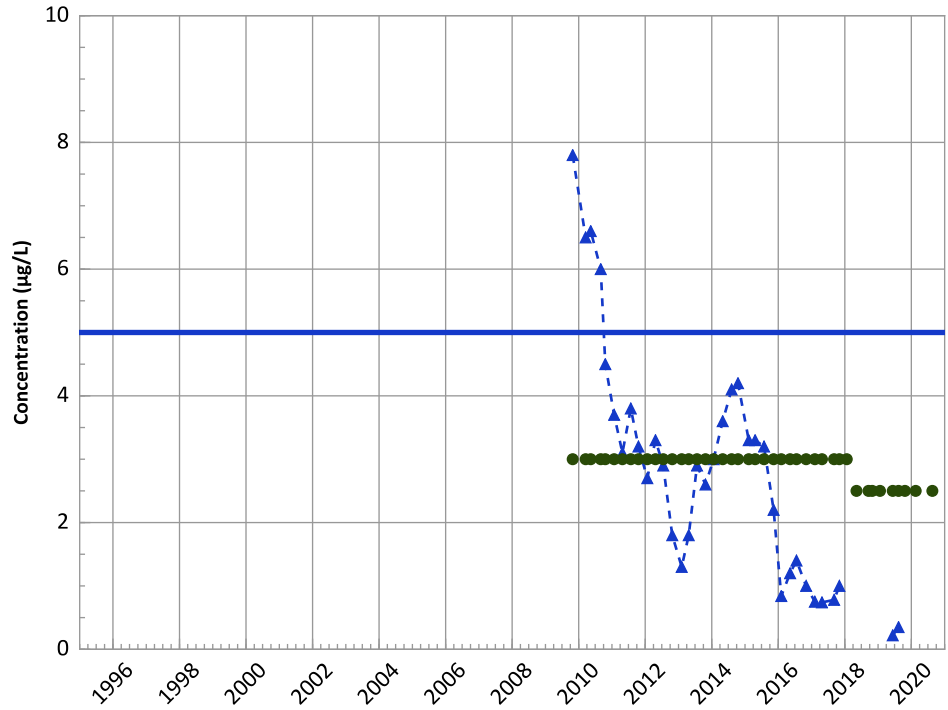
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

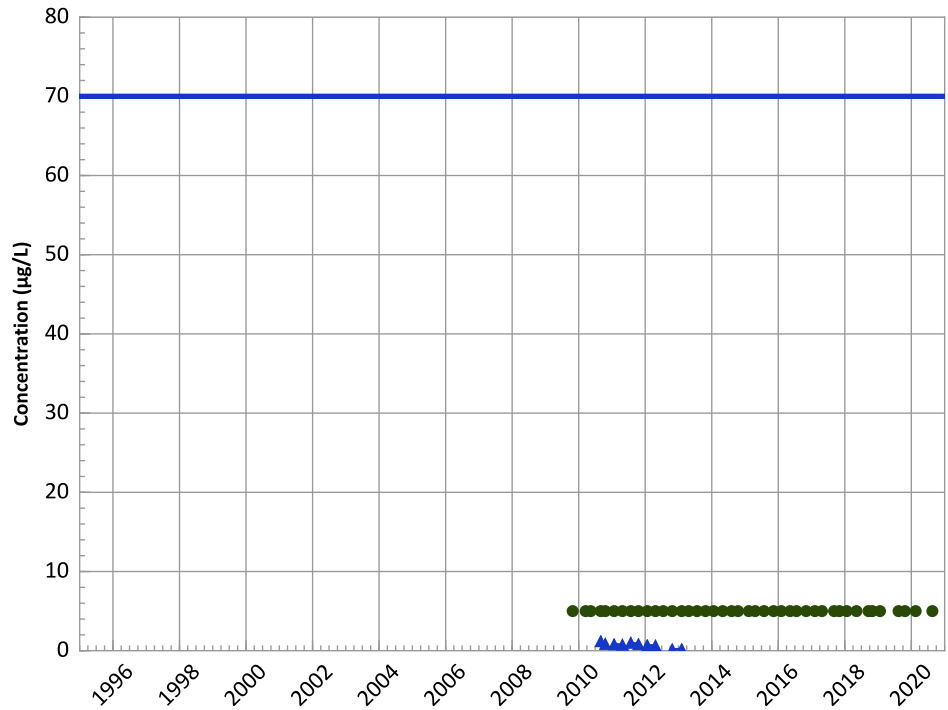


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

cis-1,2-Dichloroethene Trend

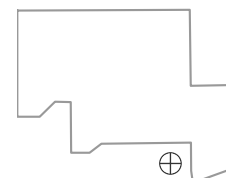


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

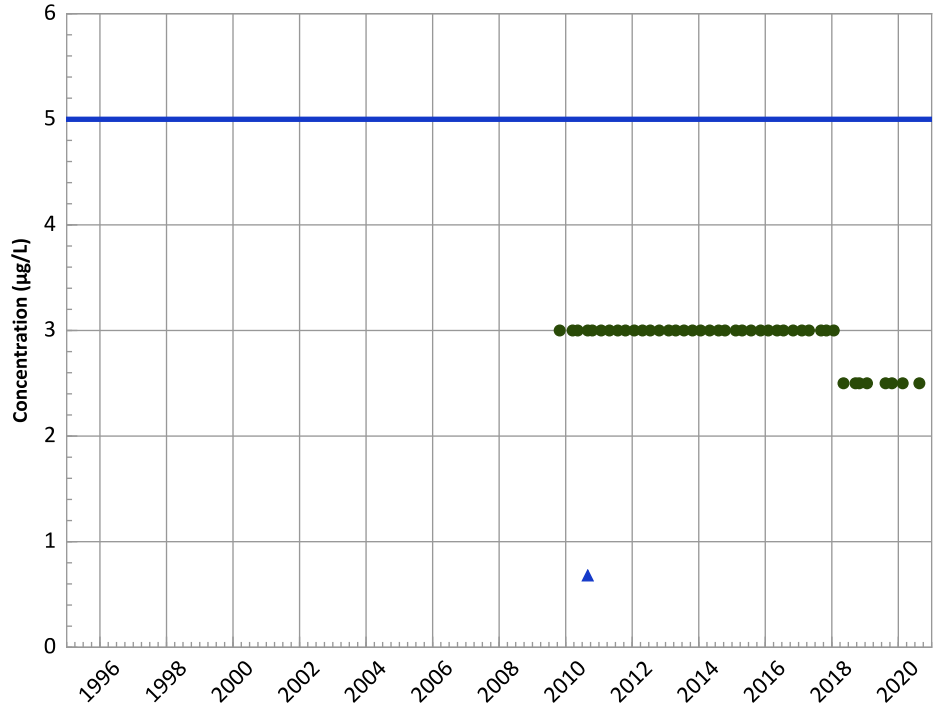
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

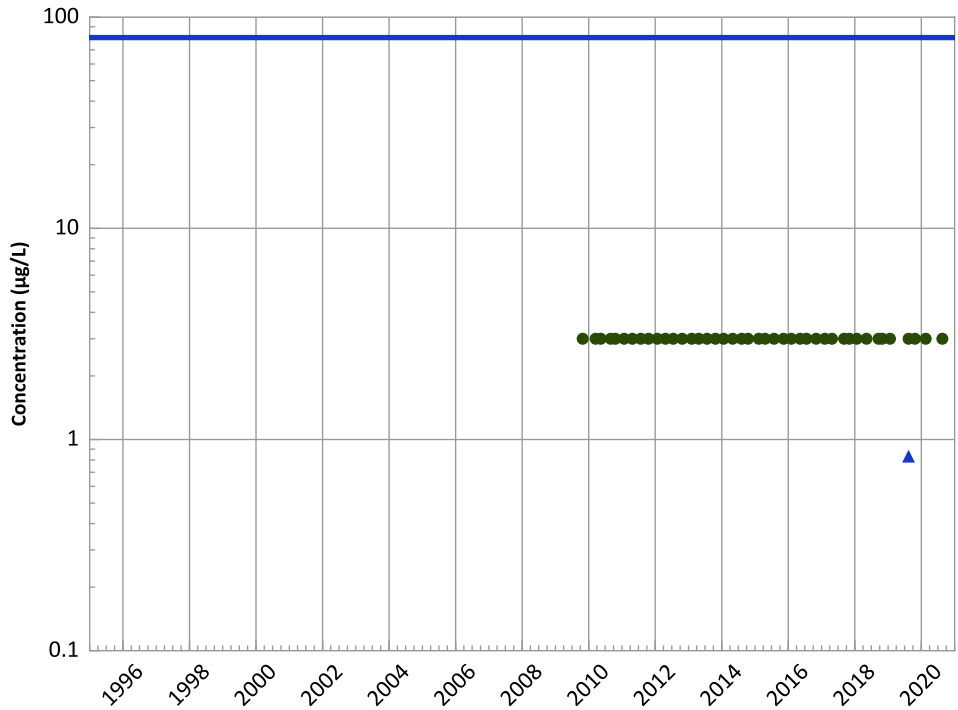


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

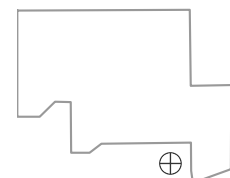


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

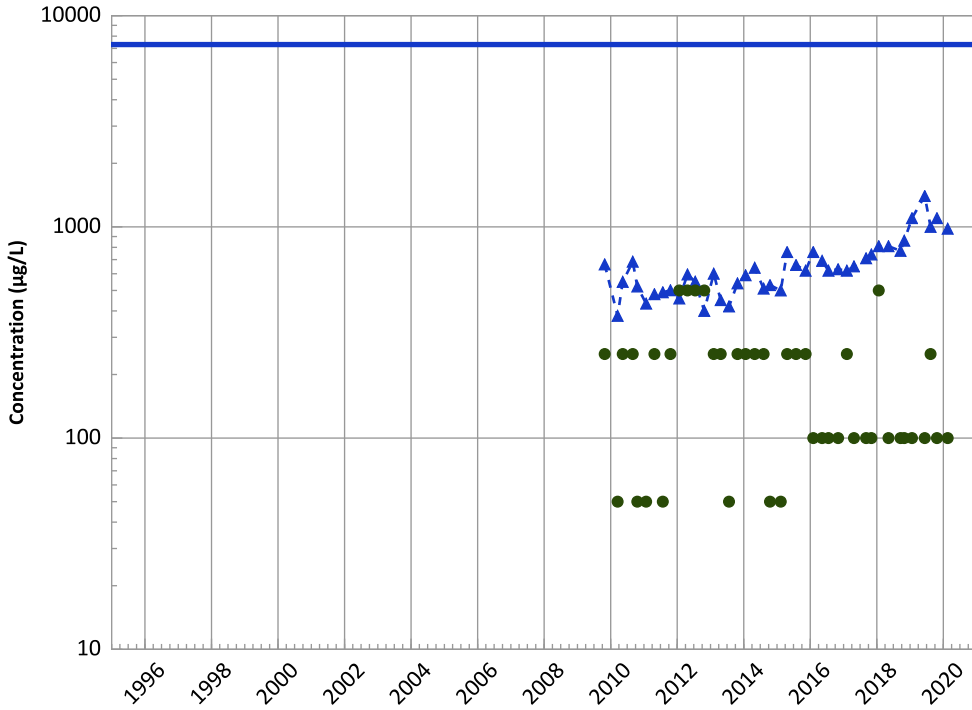
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

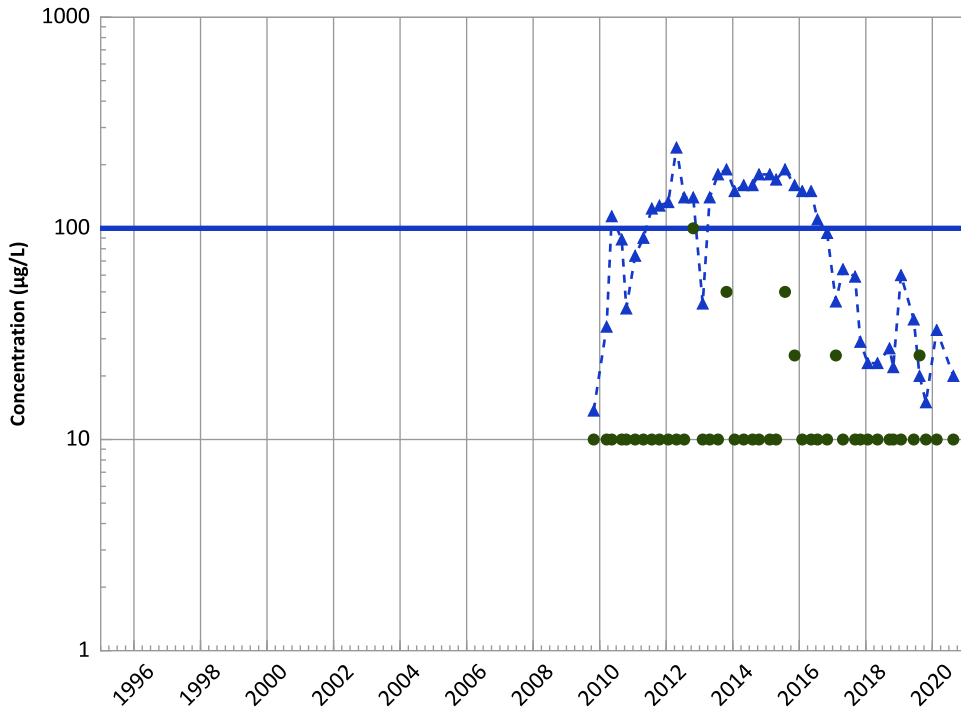
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

All Data:
Decreasing

MAROS Linear Regression Method

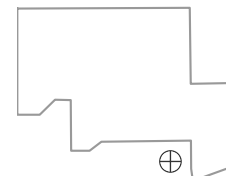
2018 - 2020 Data:
No Trend

All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

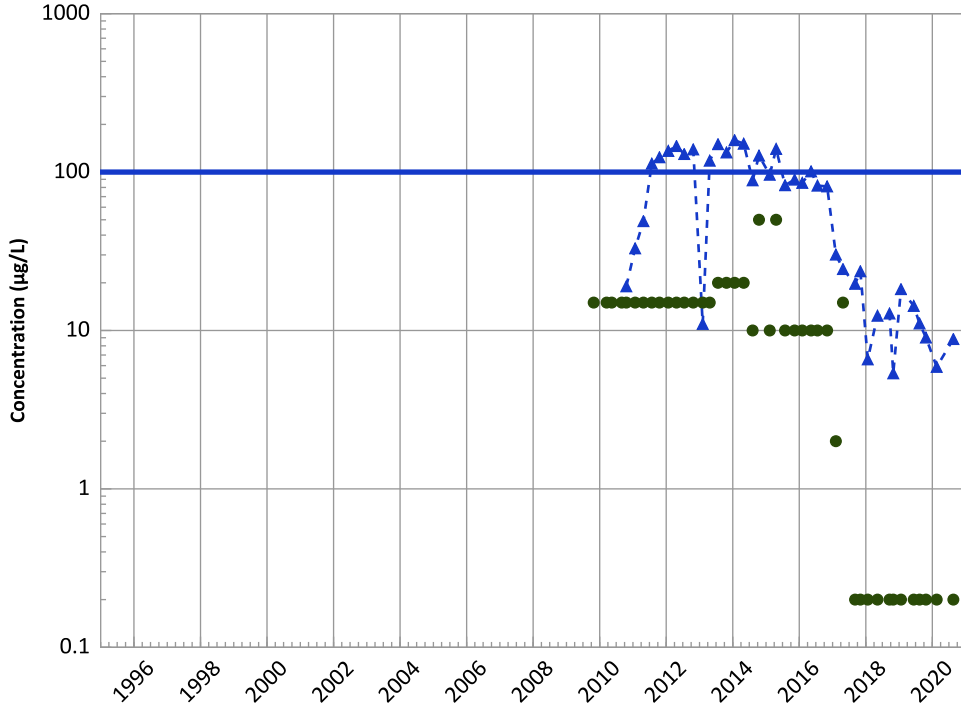
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

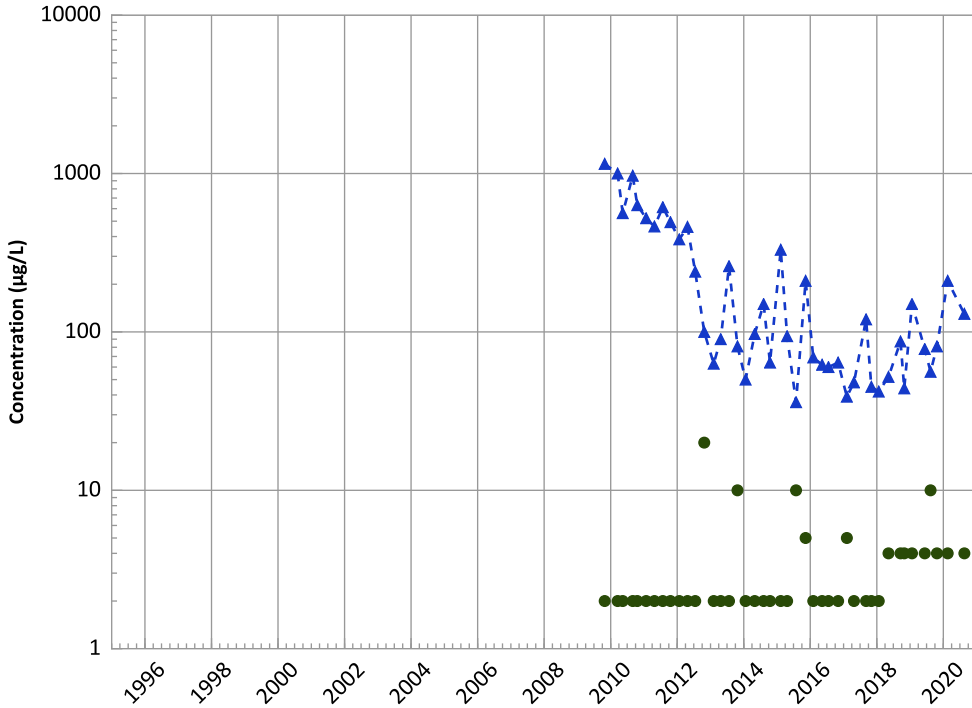
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

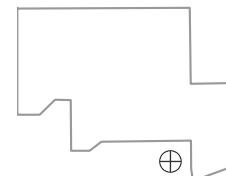
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

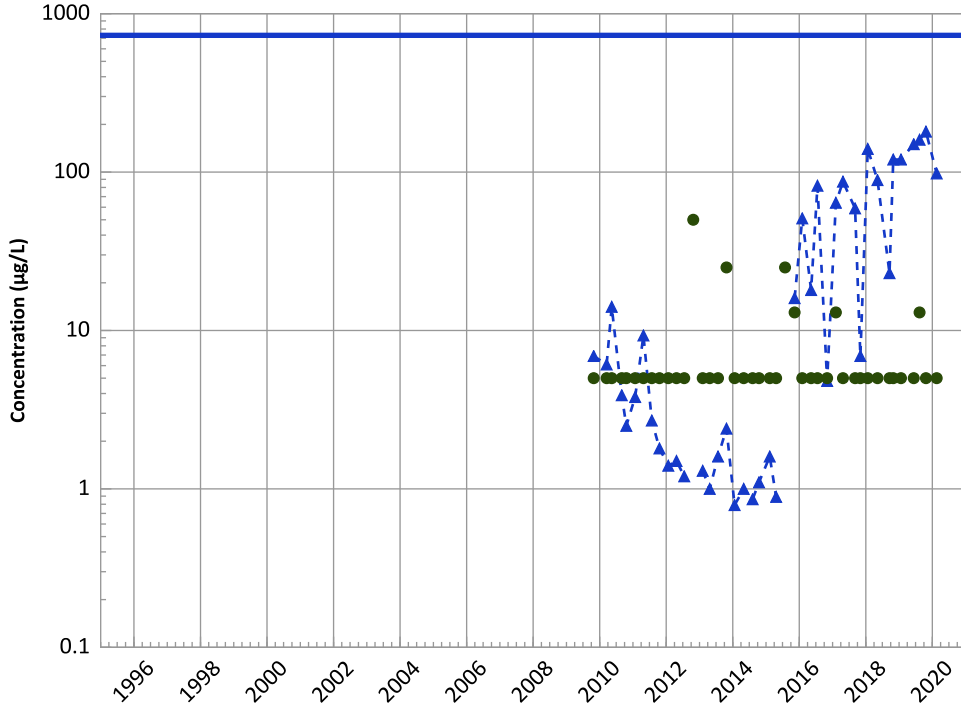
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

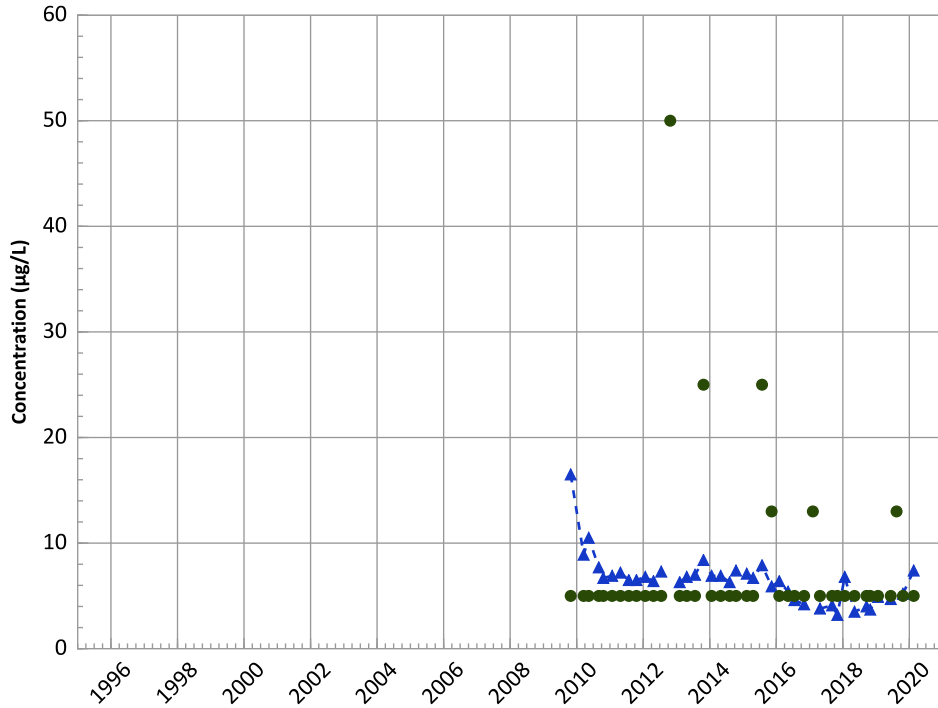
2018 - 2020 Data:

Stable

All Data:

Increasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

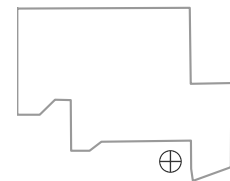
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Well Location

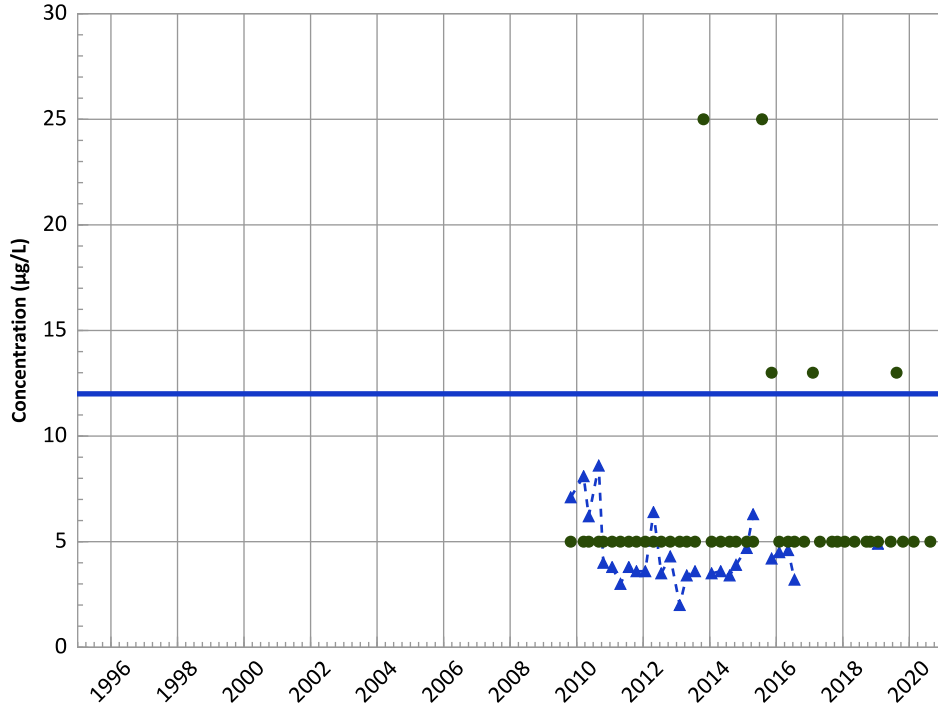


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

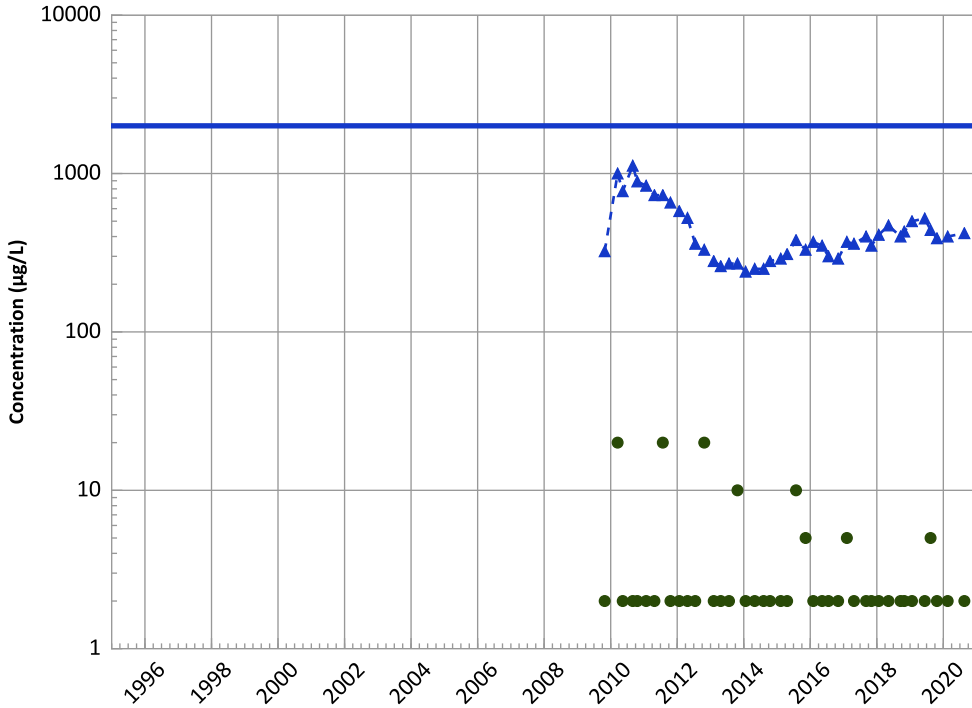
2018 - 2020 Data:

Decreasing

All Data:

Stable

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

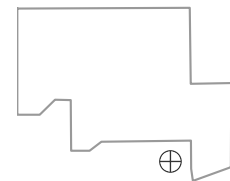
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

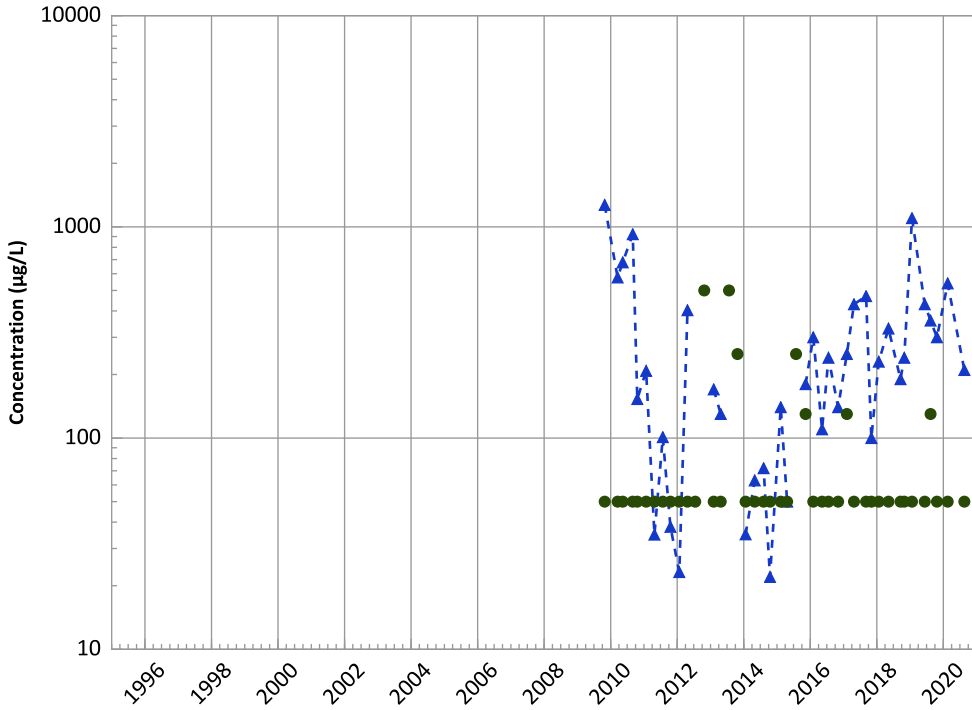


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

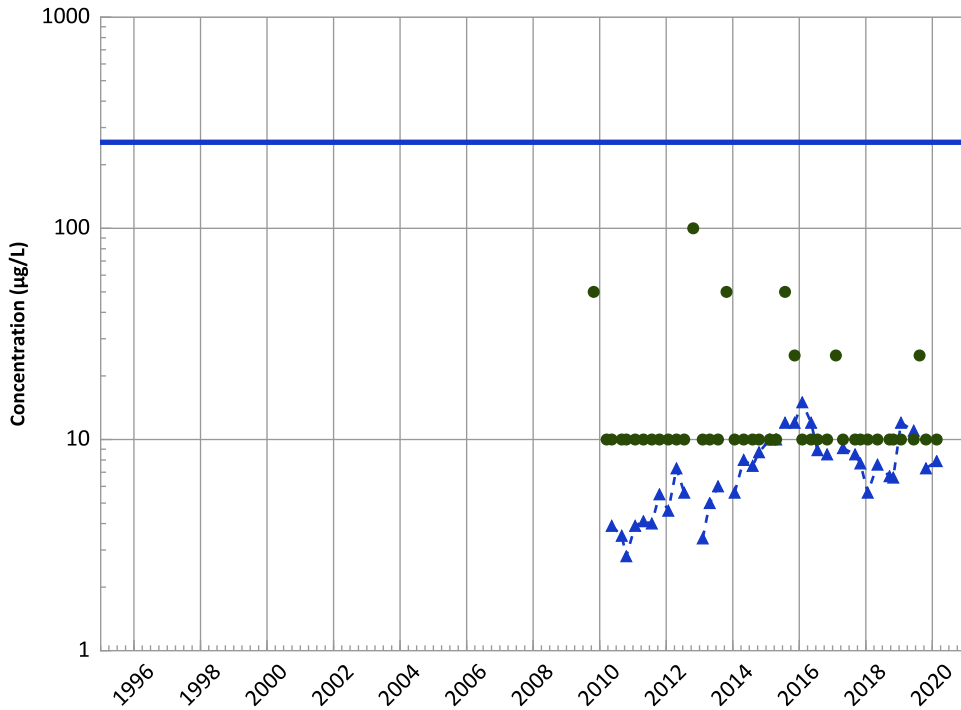
2018 - 2020 Data:

Stable

All Data:

No Trend

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

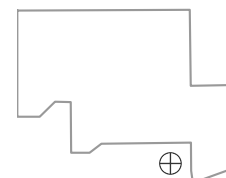
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

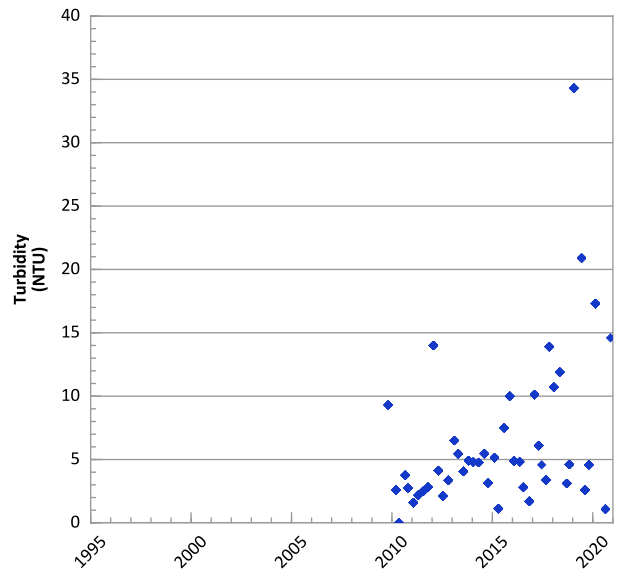
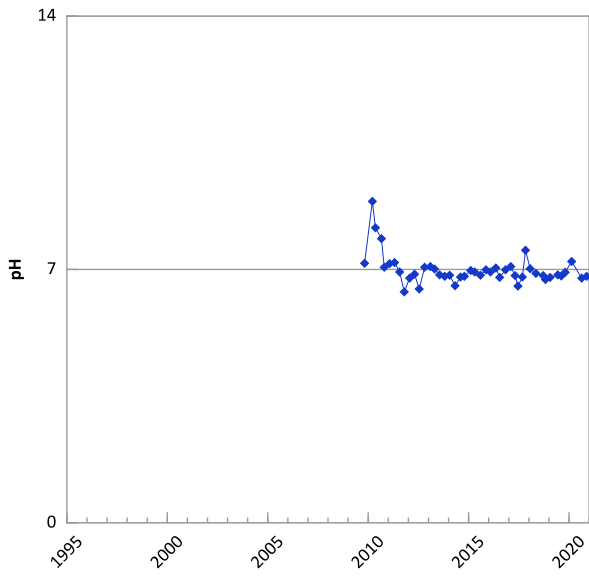
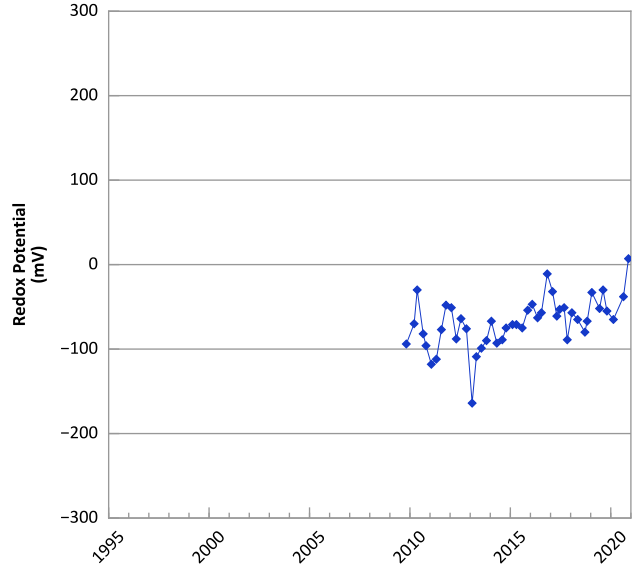
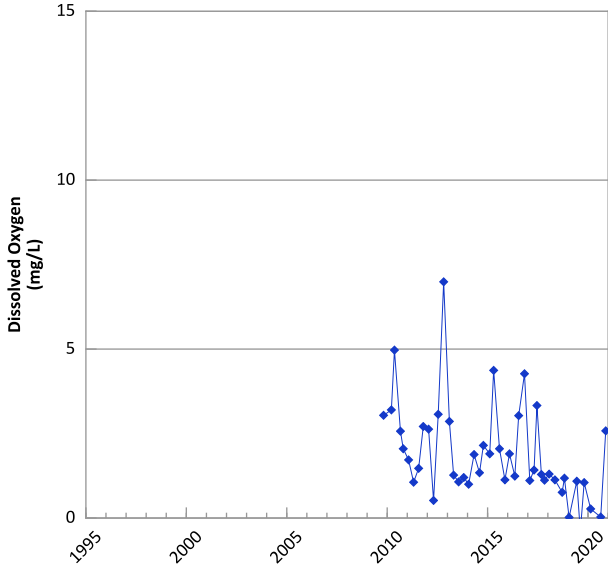
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 08/19/2020
Analysis Date: 05/19/2021

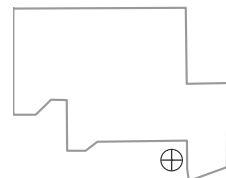
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



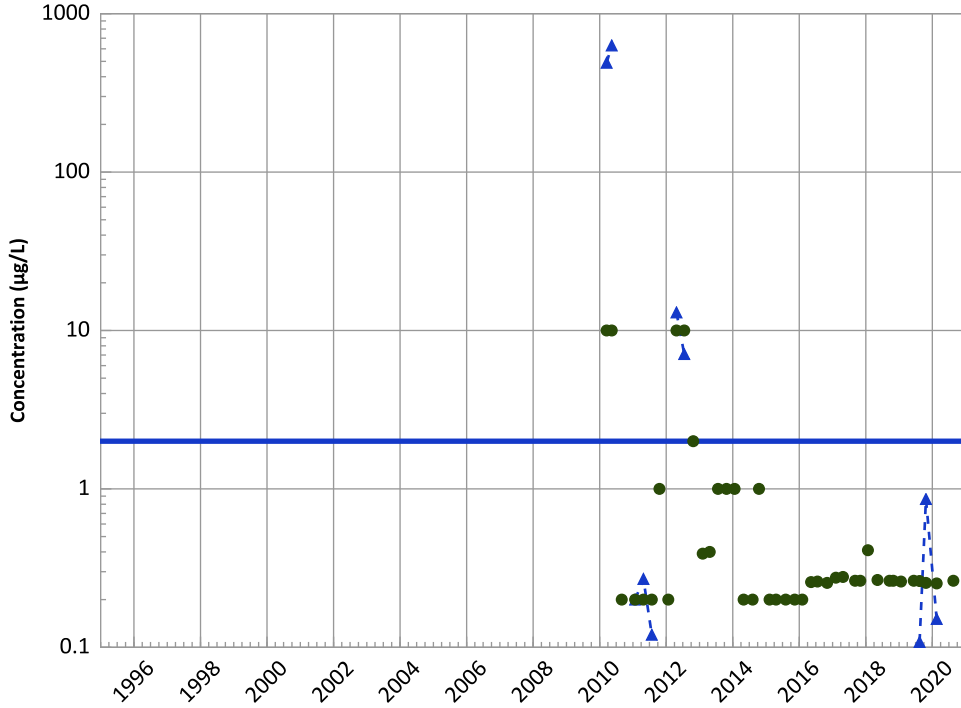
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/27/2009 to 11/18/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

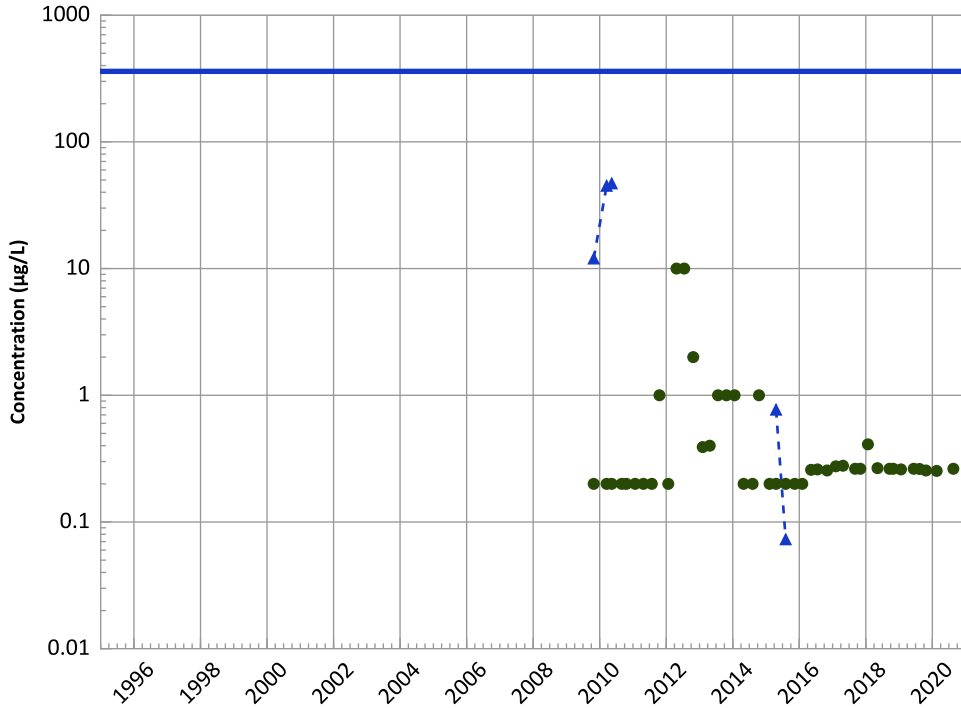


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

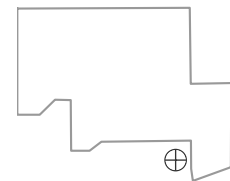


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Probably Decreasing

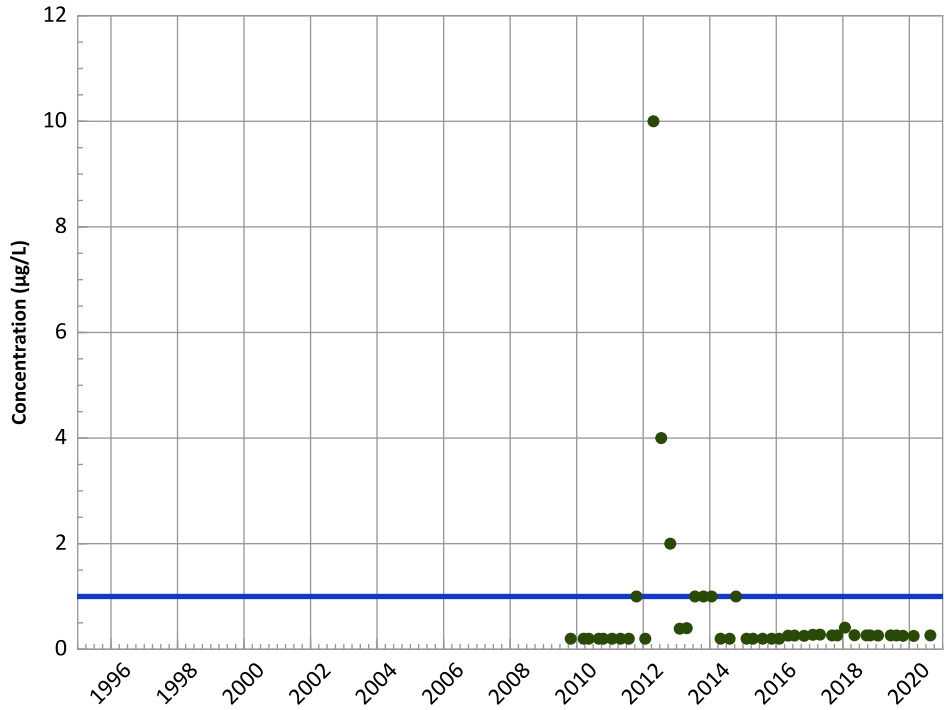
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
2,6-Dinitrotoluene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

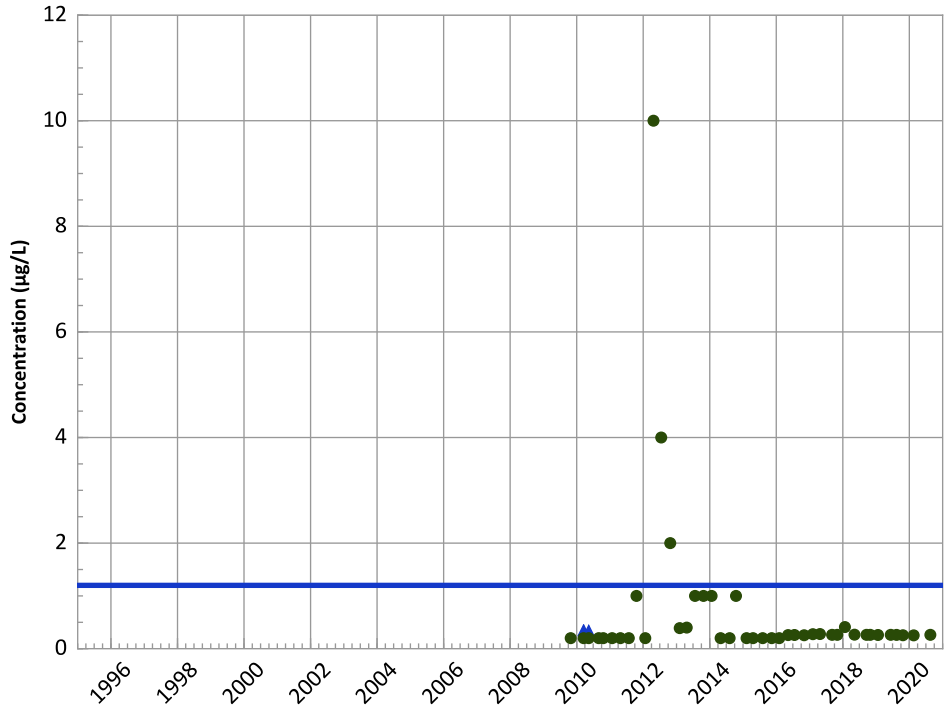
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

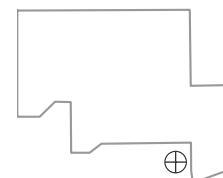
All Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

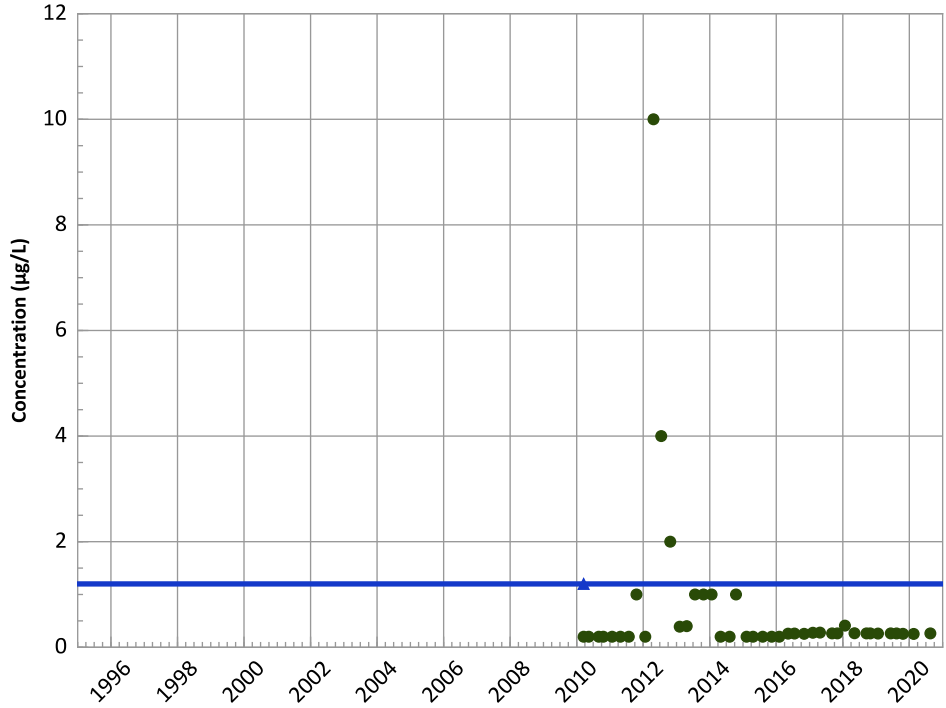
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

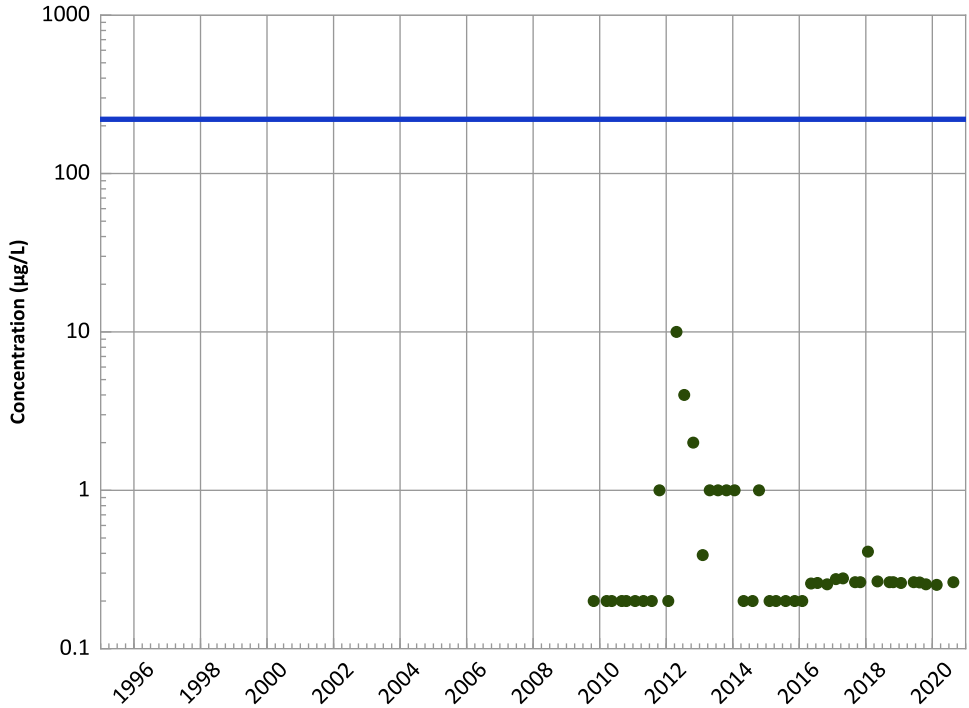
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

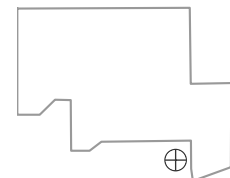
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

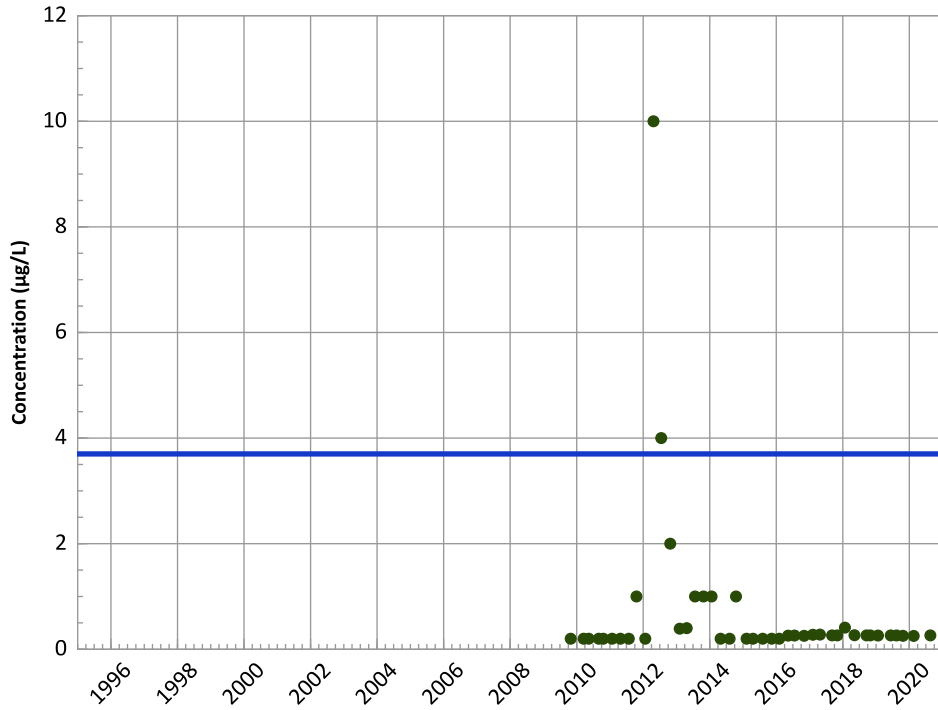
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

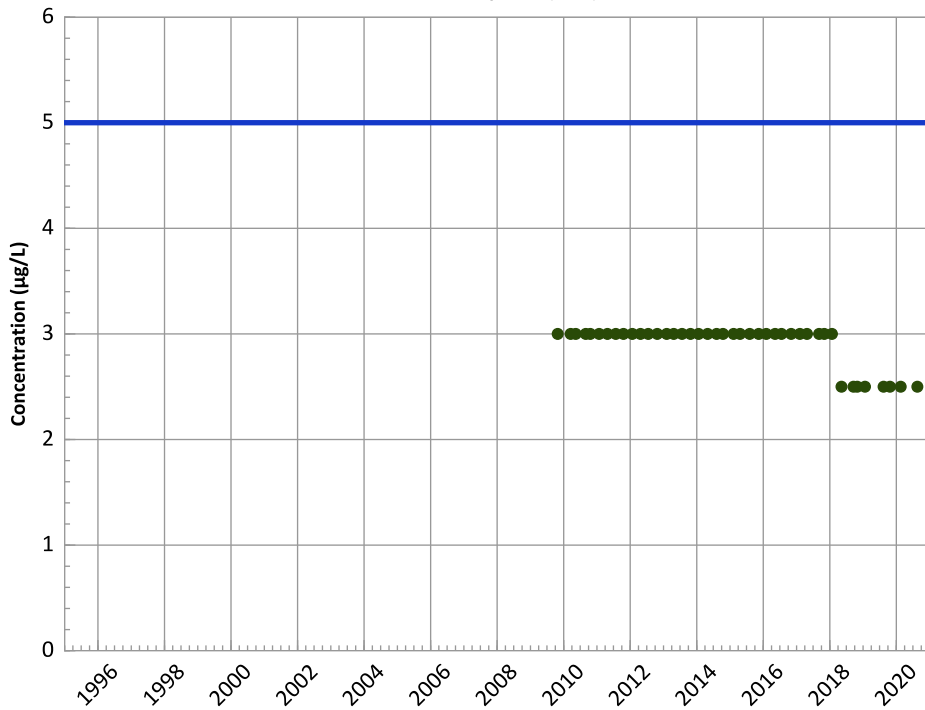
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

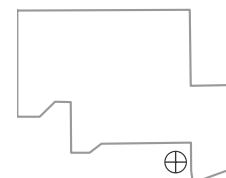
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

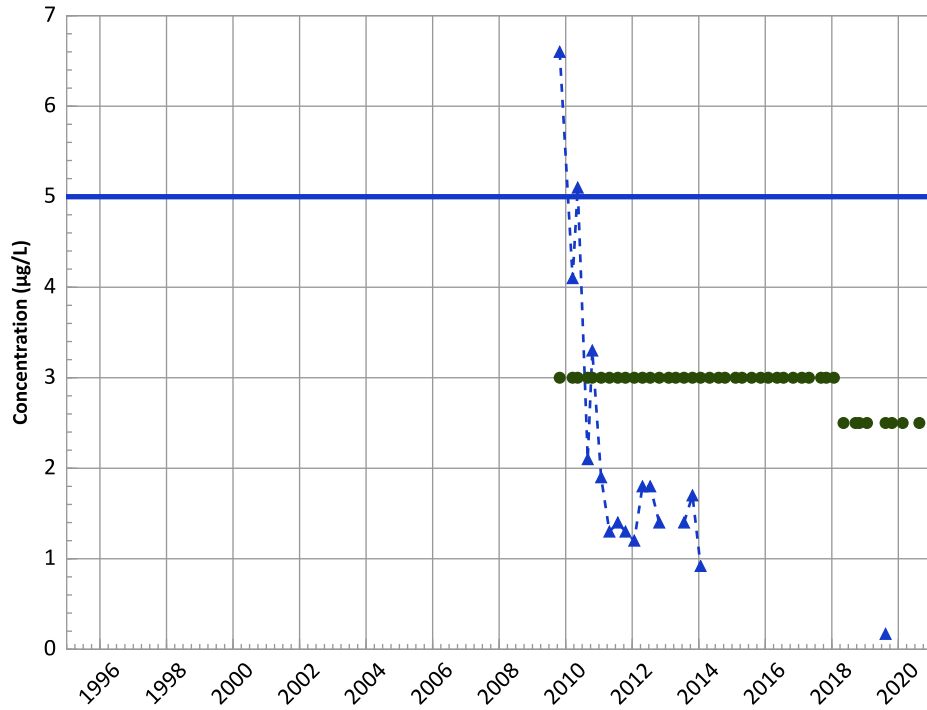
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

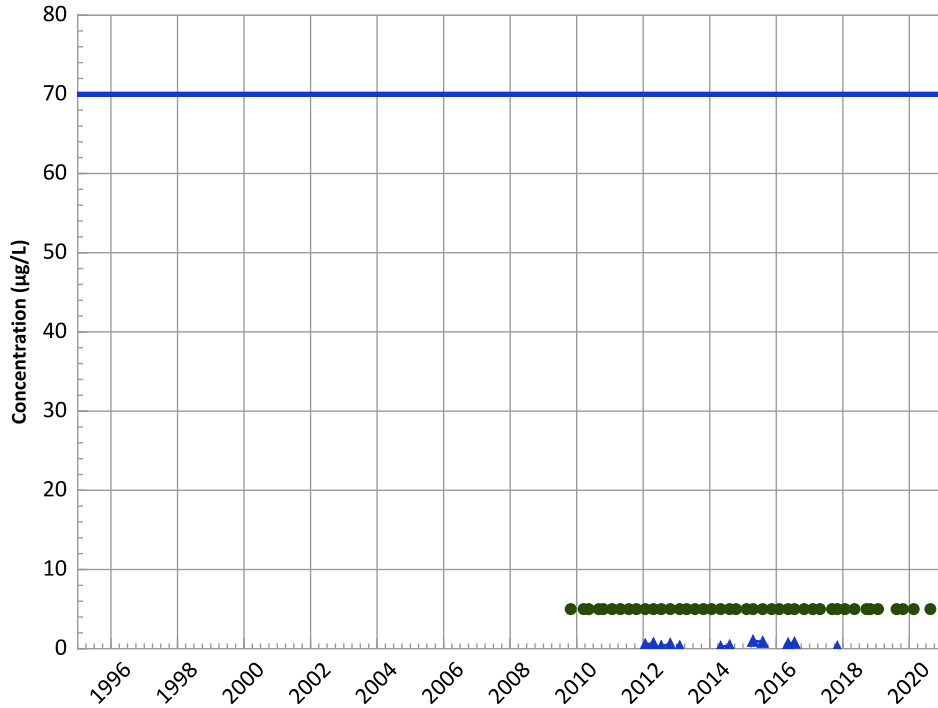


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

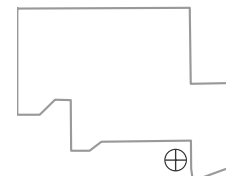
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

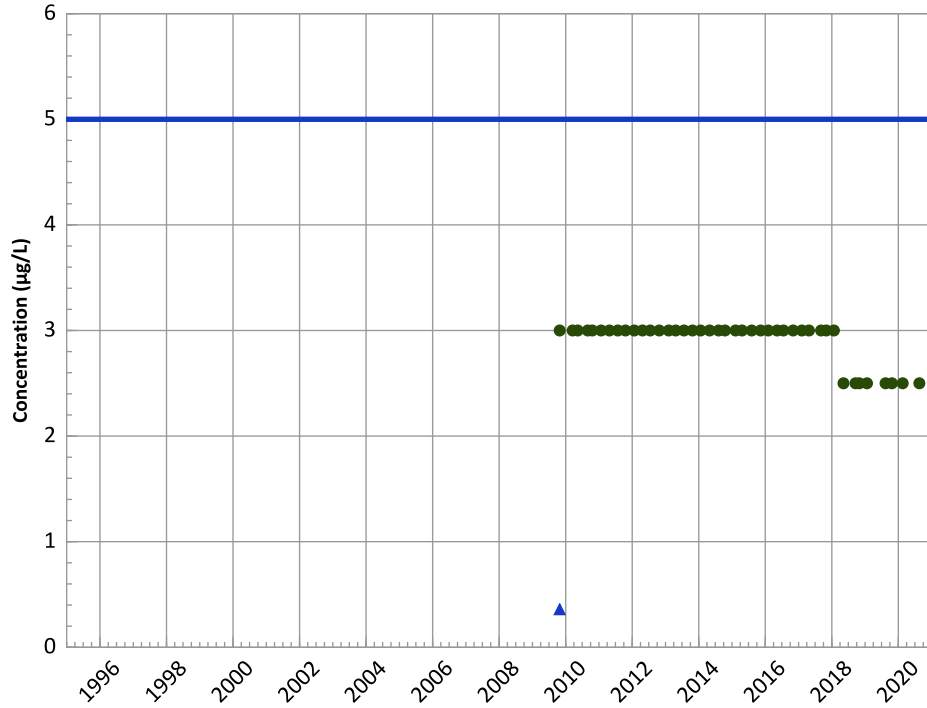
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ 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**

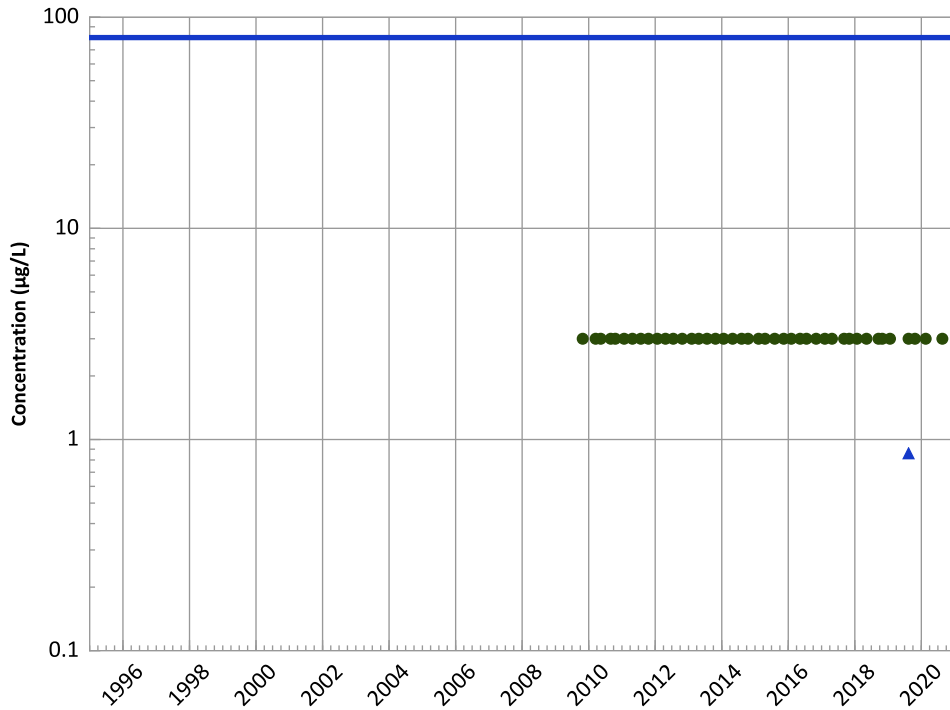


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

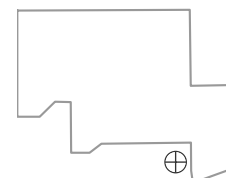


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

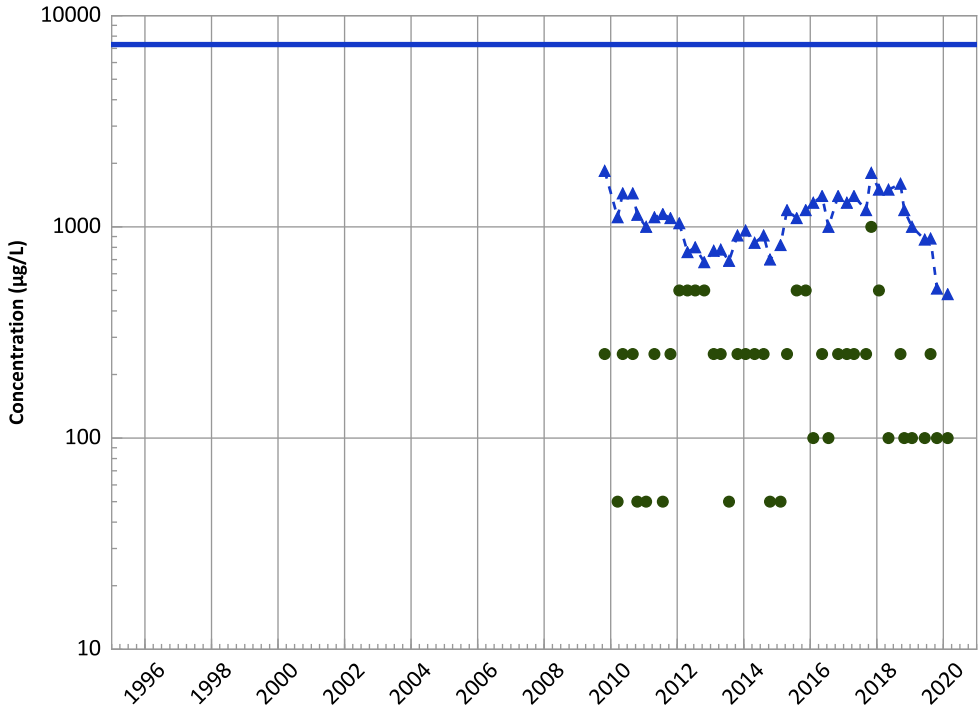
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

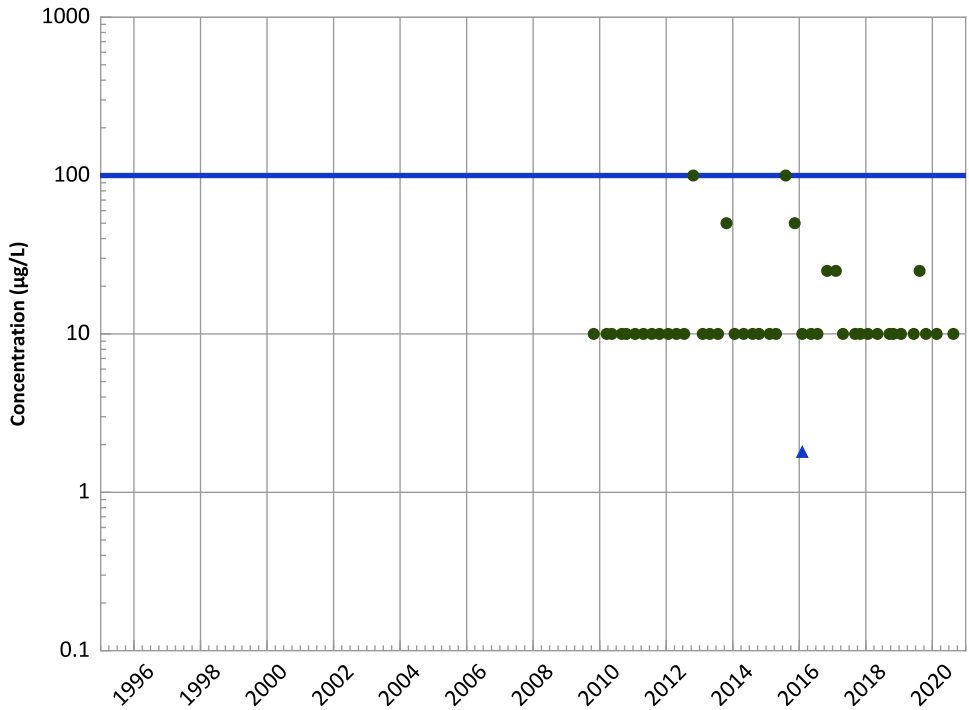
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

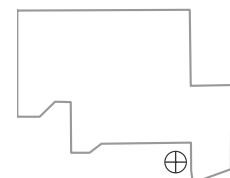
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

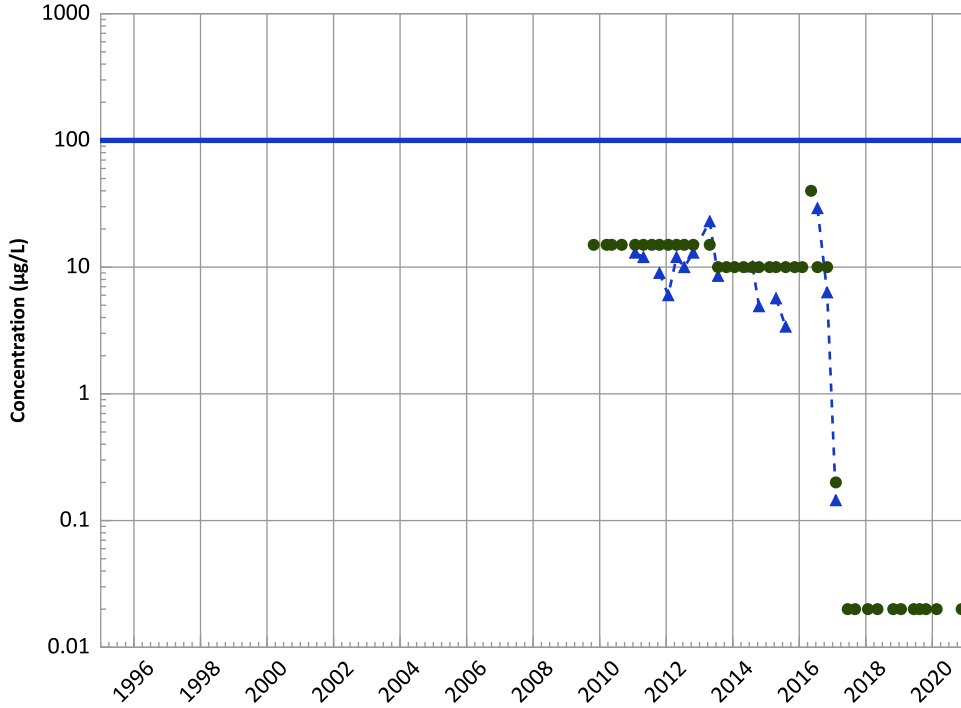


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

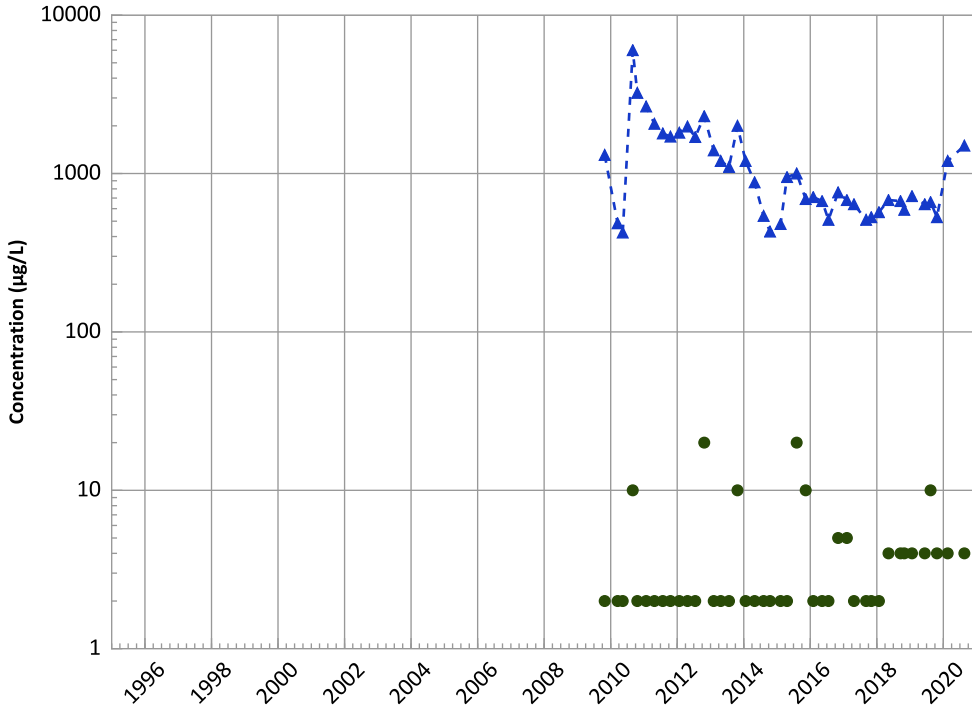
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

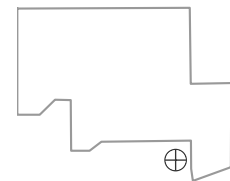
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Well Location

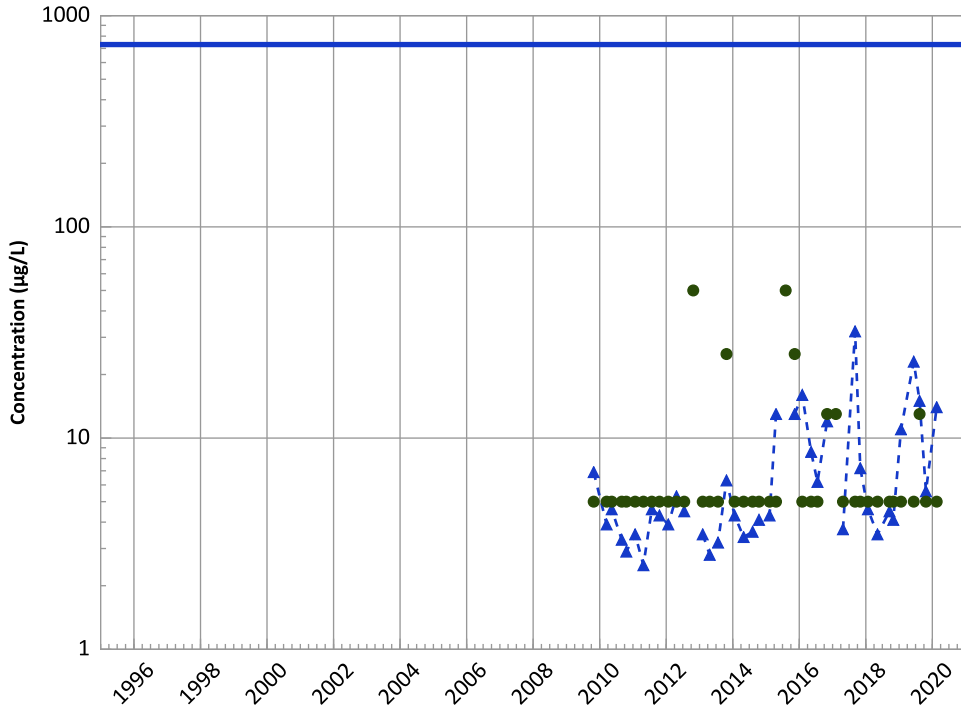


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

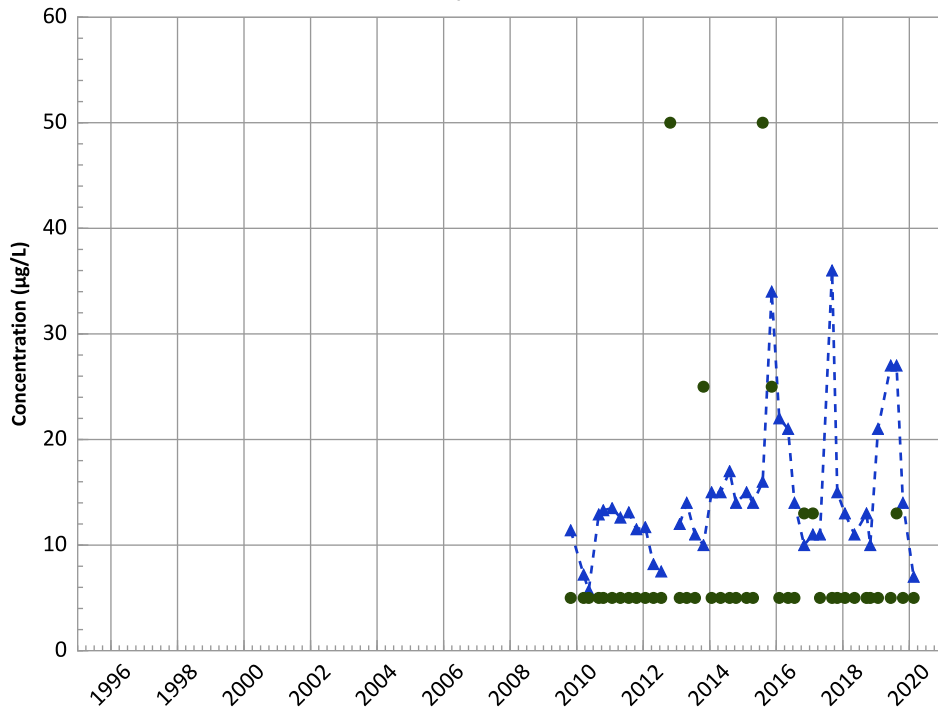
2018 - 2020 Data:

Stable

All Data:

Increasing

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

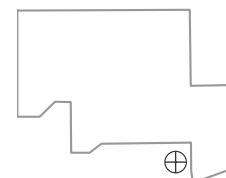
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Well Location

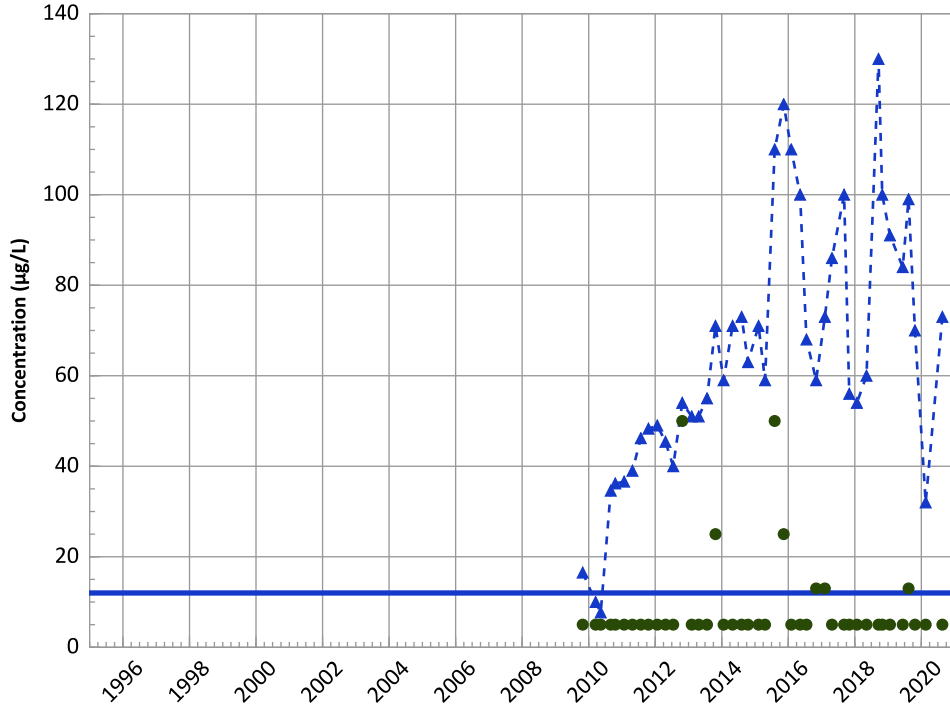


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

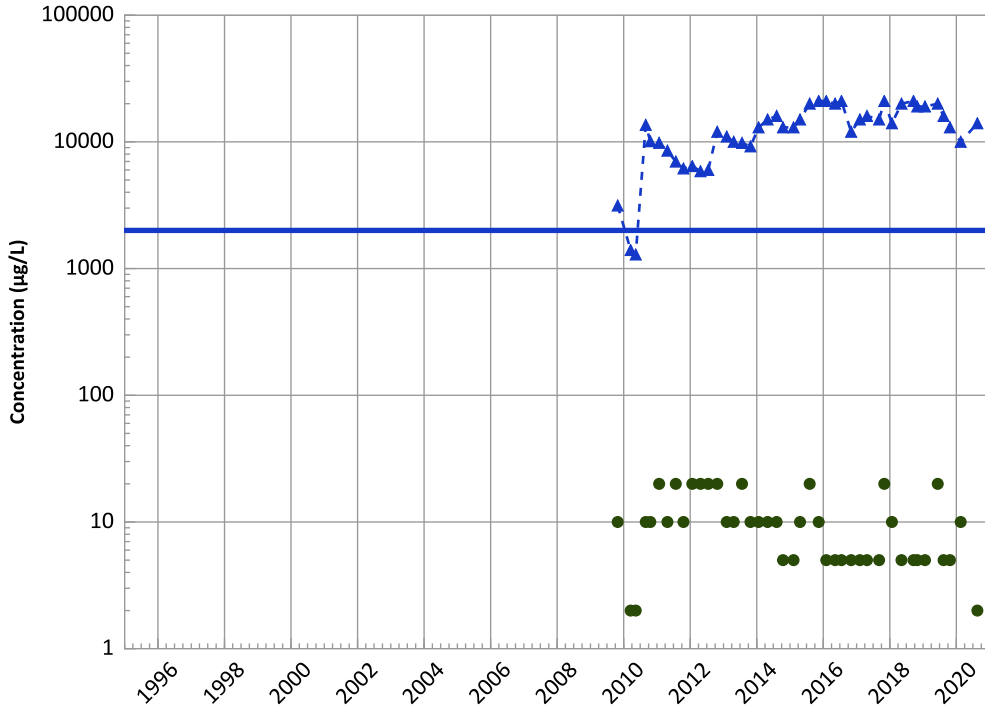
2018 - 2020 Data:

Stable

All Data:

Increasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

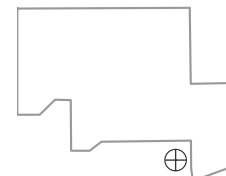
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

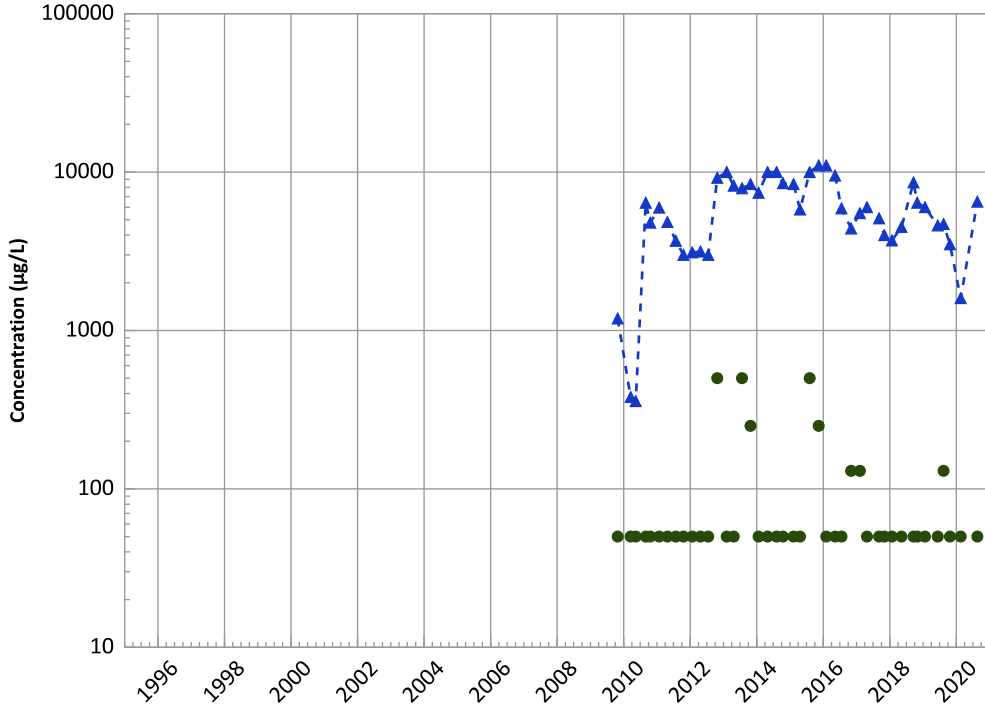
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

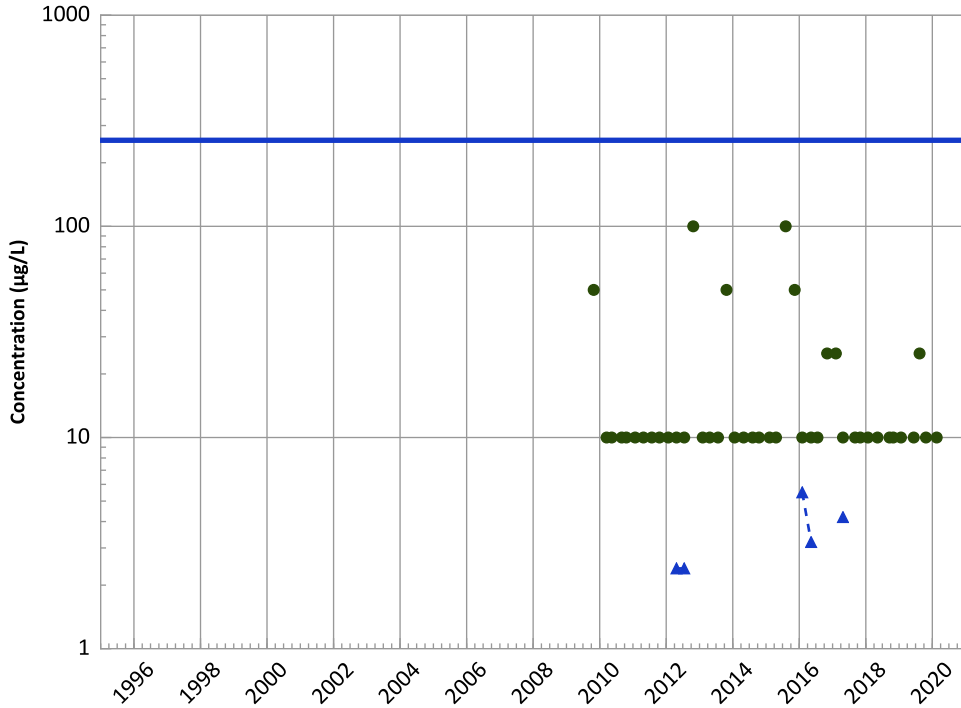
2018 - 2020 Data:

No Trend

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

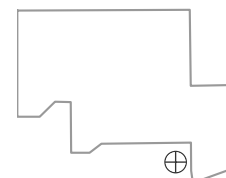
All Data:

No Trend

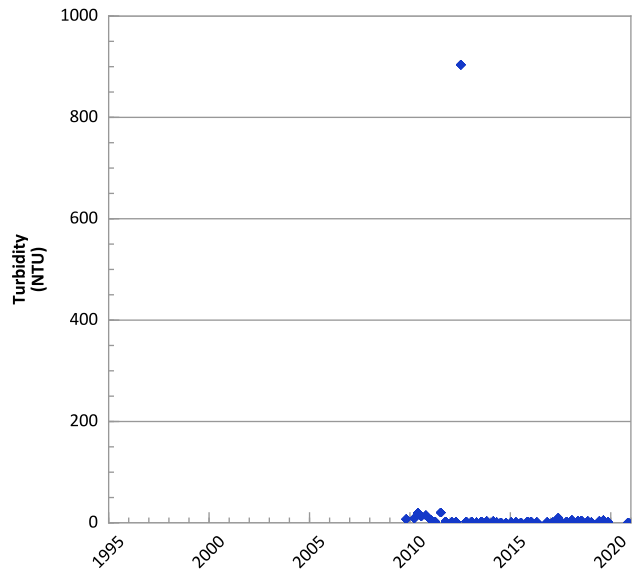
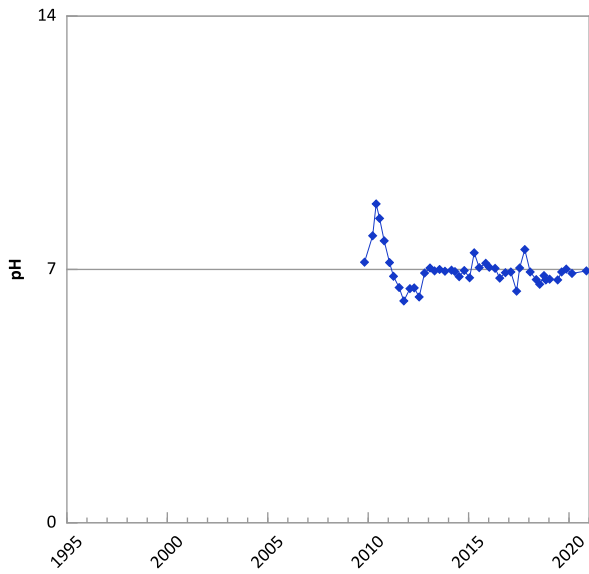
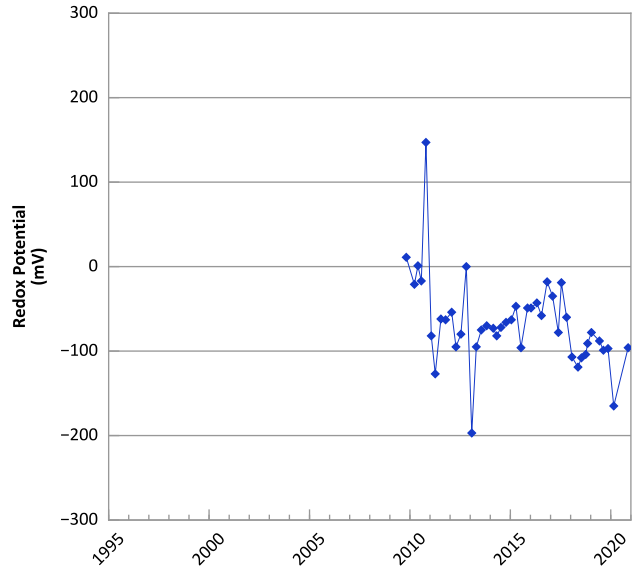
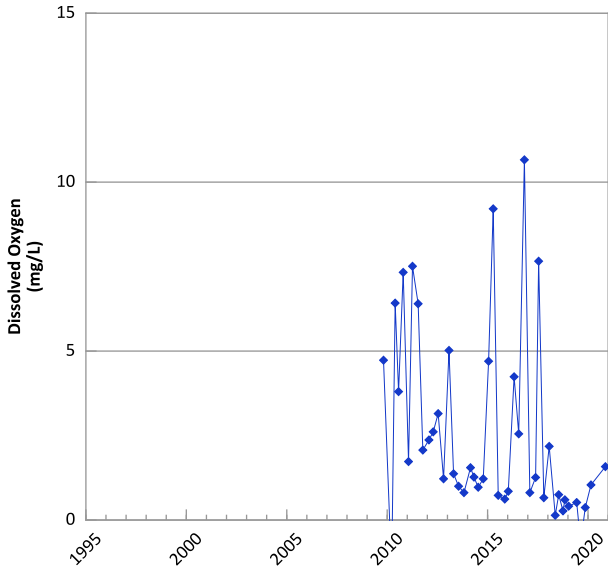
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/27/2009 to 11/18/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

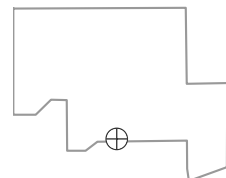


**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



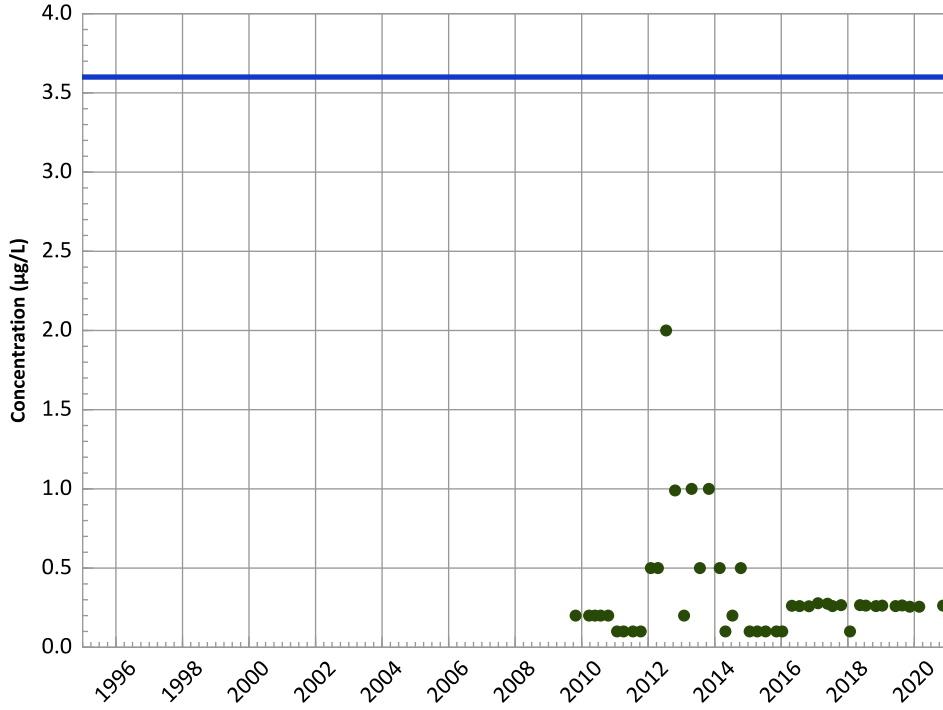
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/26/2009 to 11/12/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

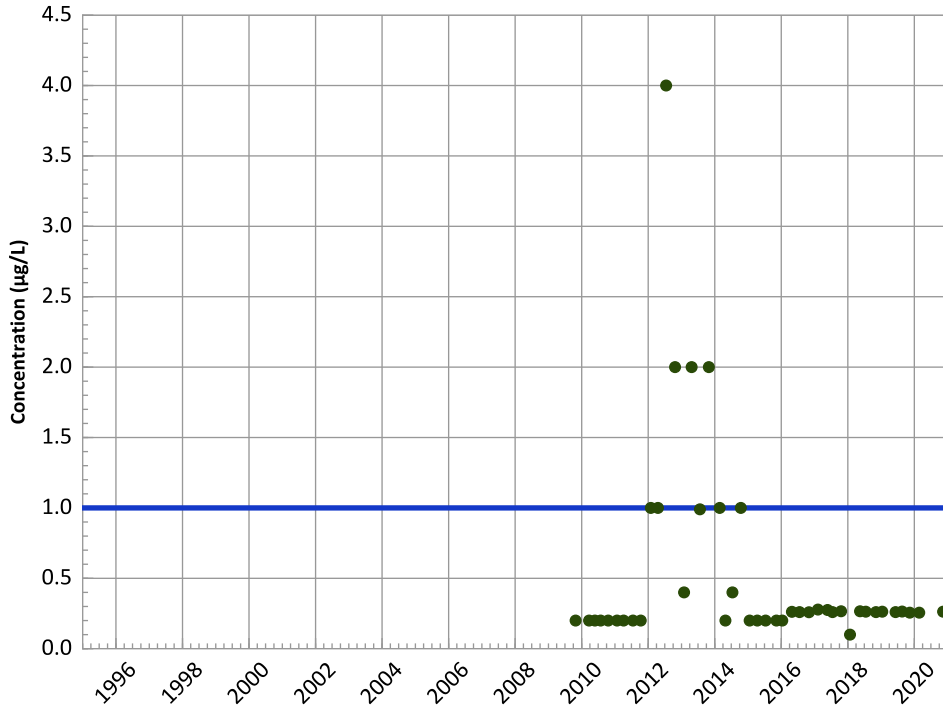
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

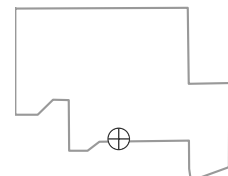
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

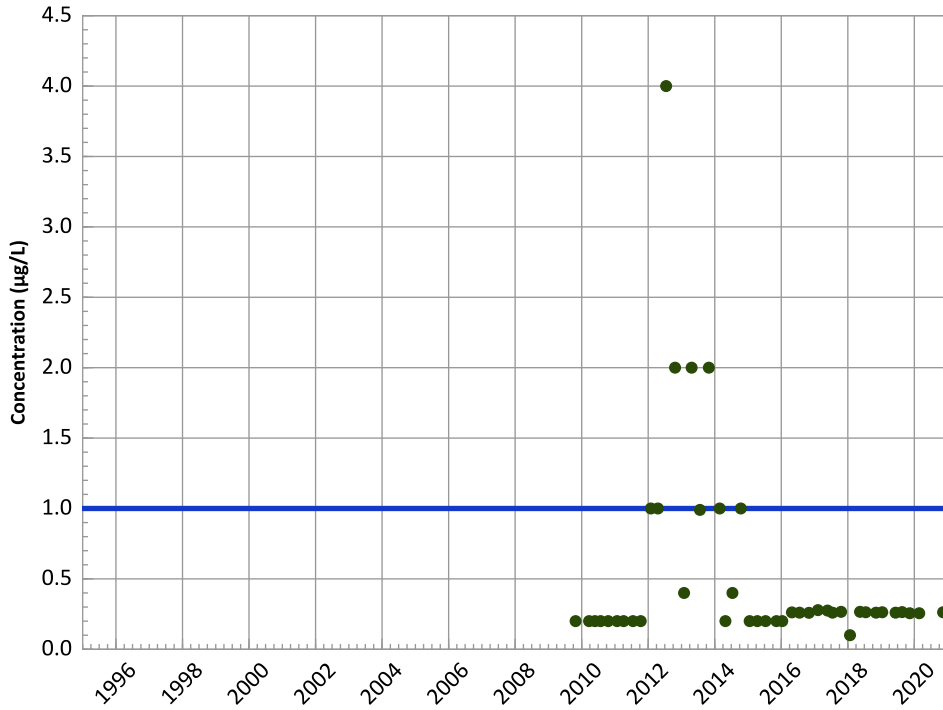
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

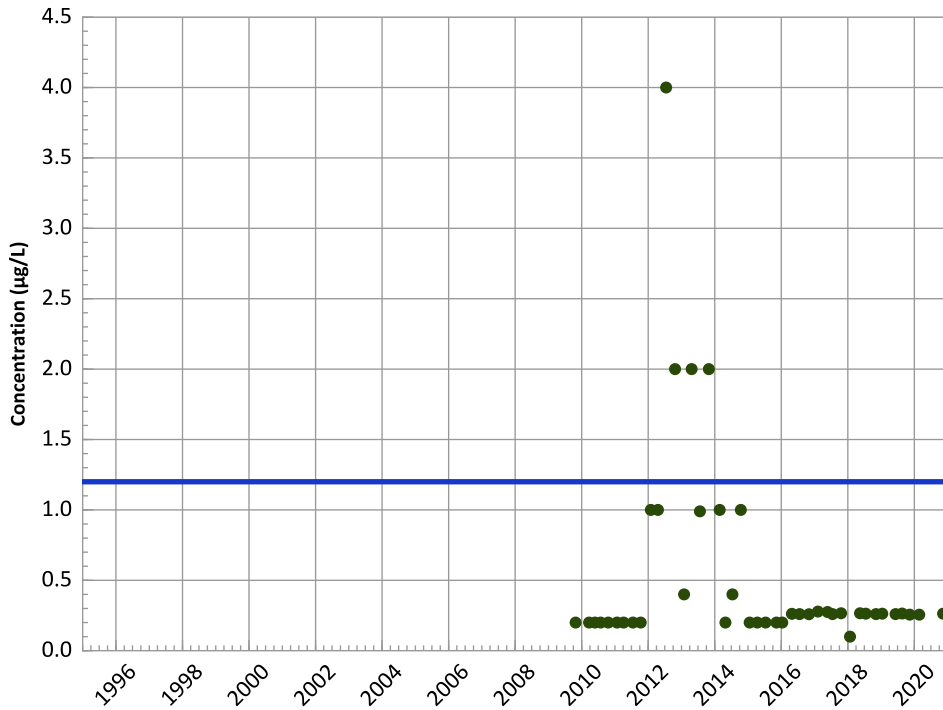
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

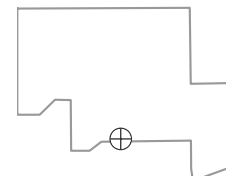
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

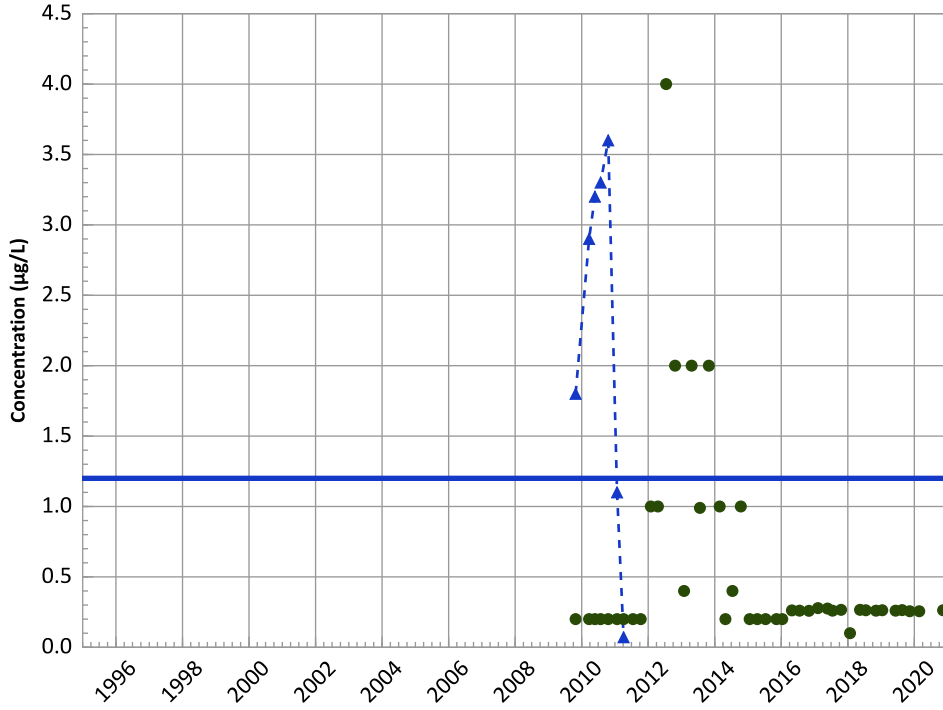
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

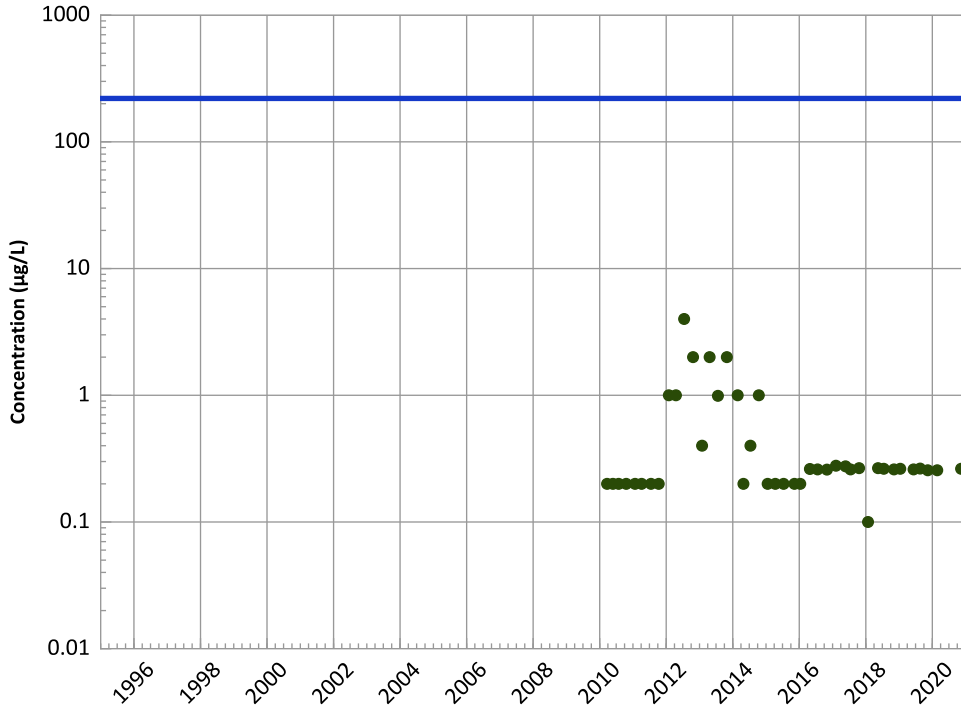
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

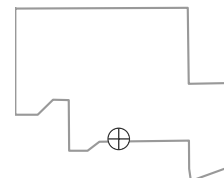
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

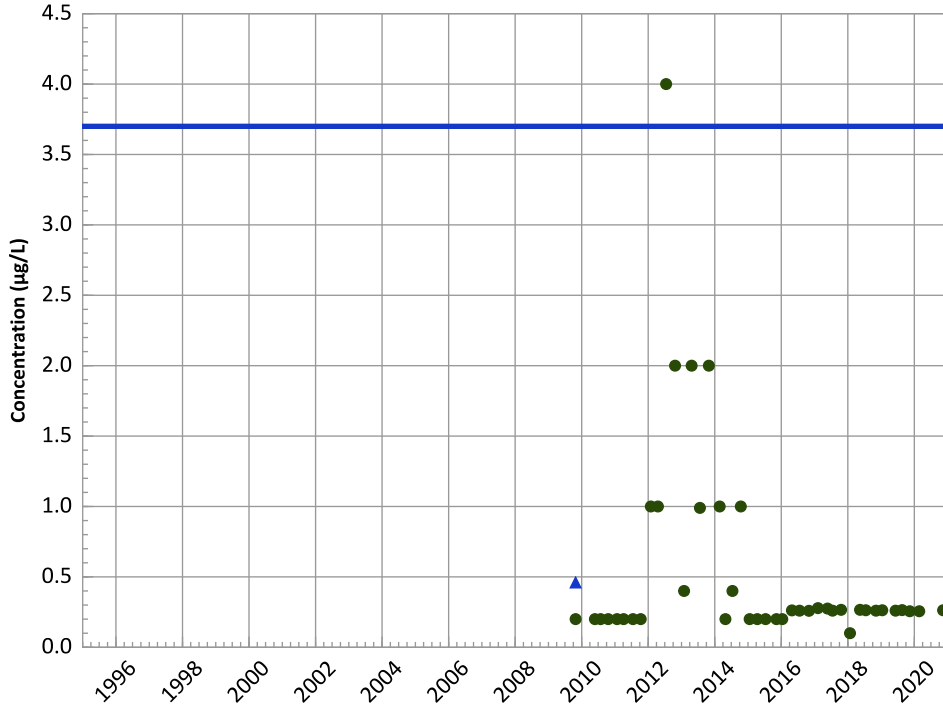
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

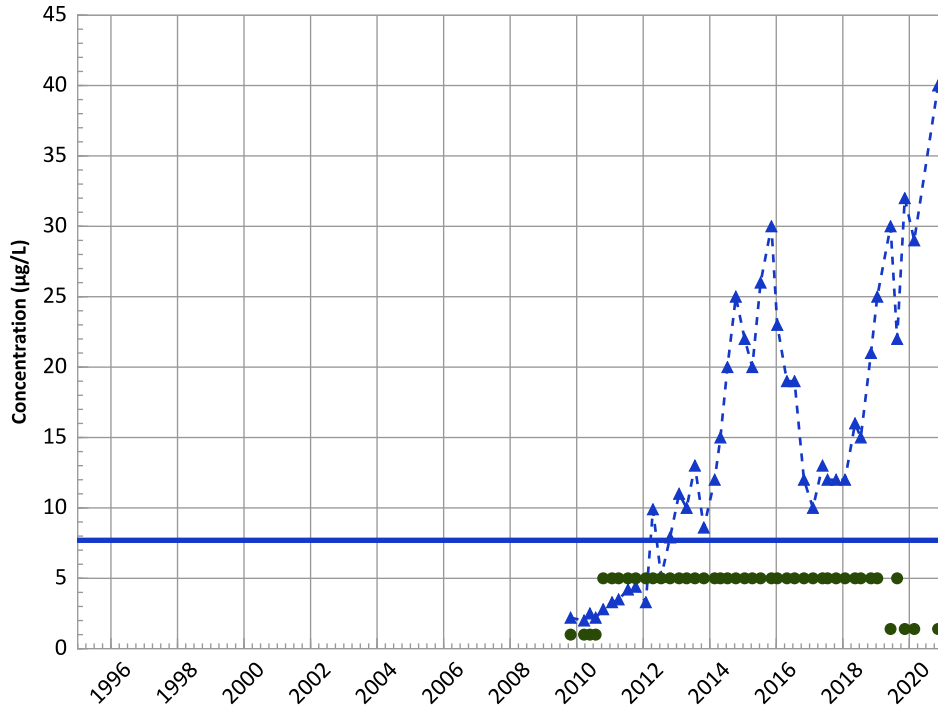


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

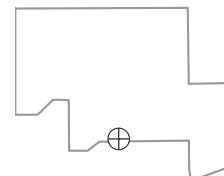
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

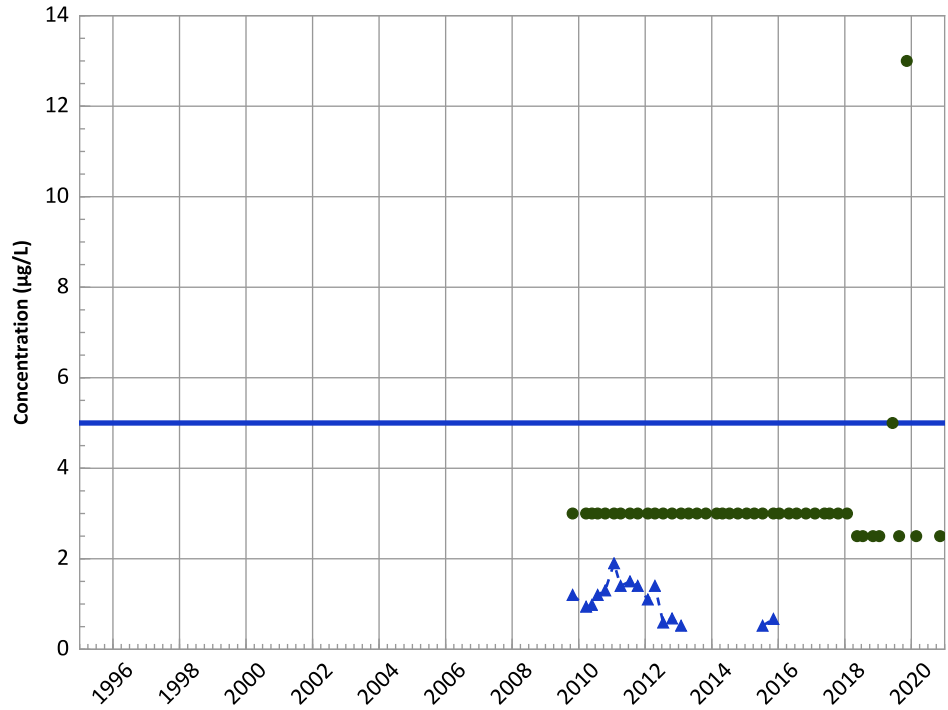
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Increasing

MAROS Linear Regression Method

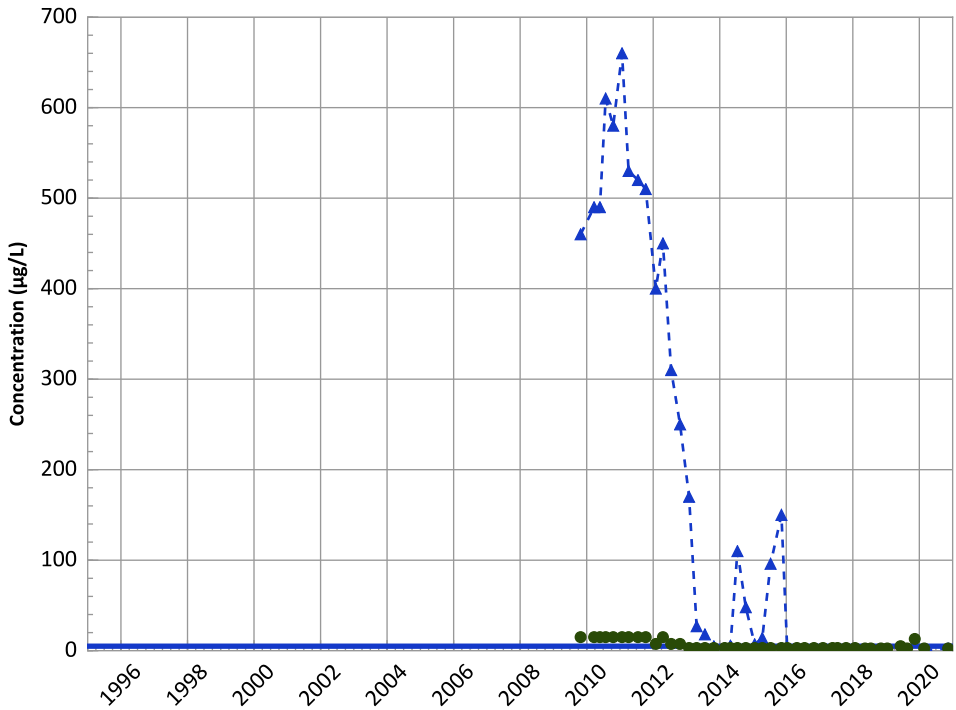
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

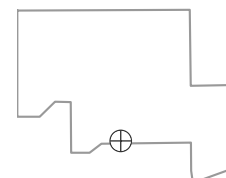
All Data:

Decreasing

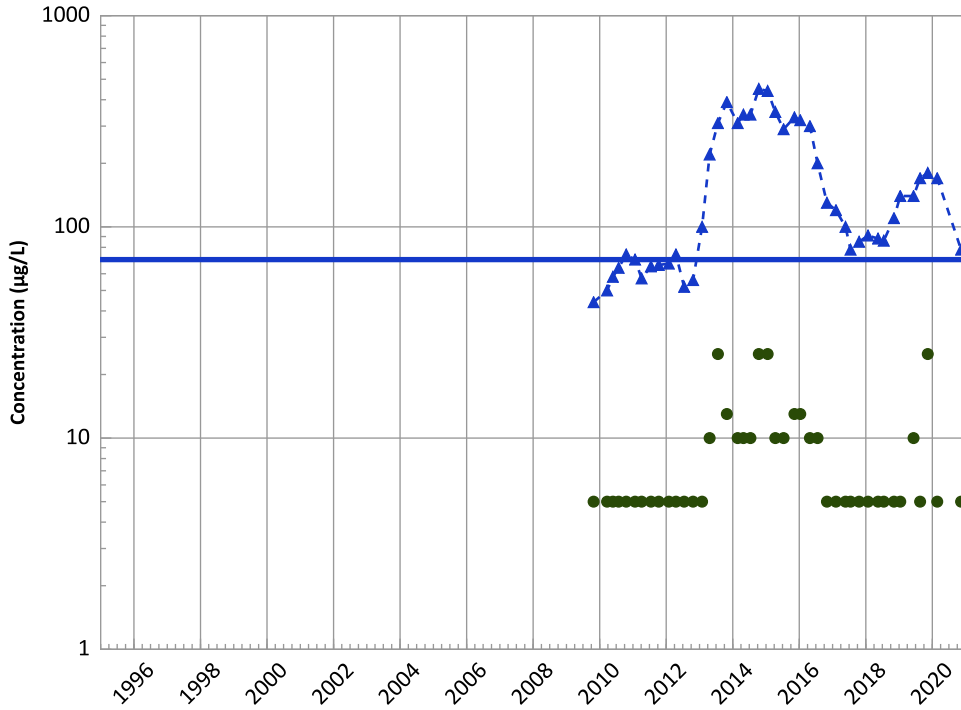
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

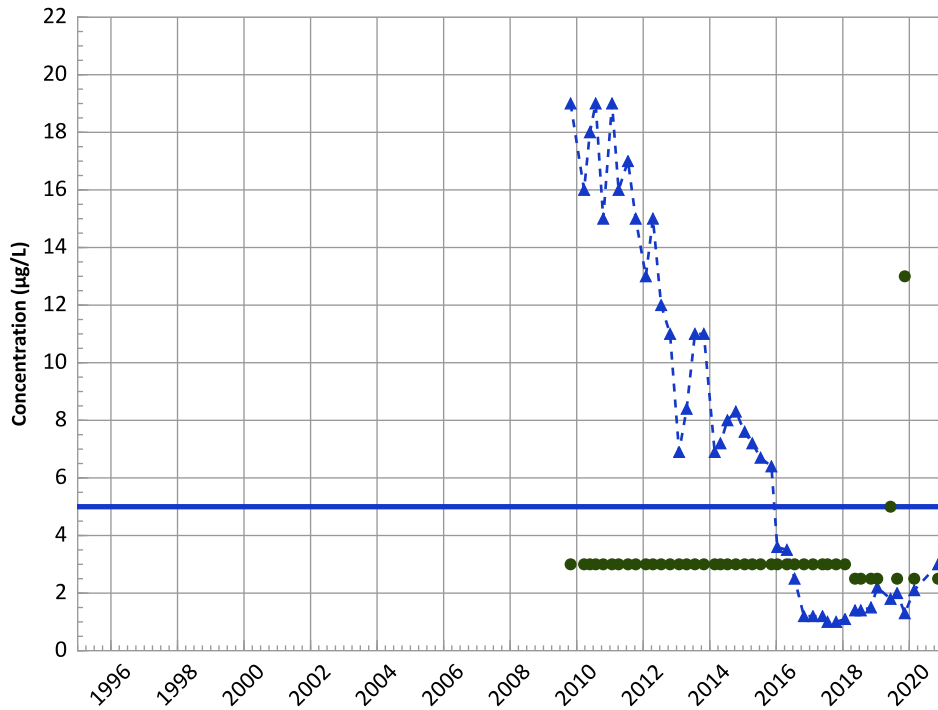
2018 - 2020 Data:

Stable

All Data:

Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

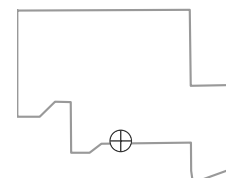
All Data:

Decreasing

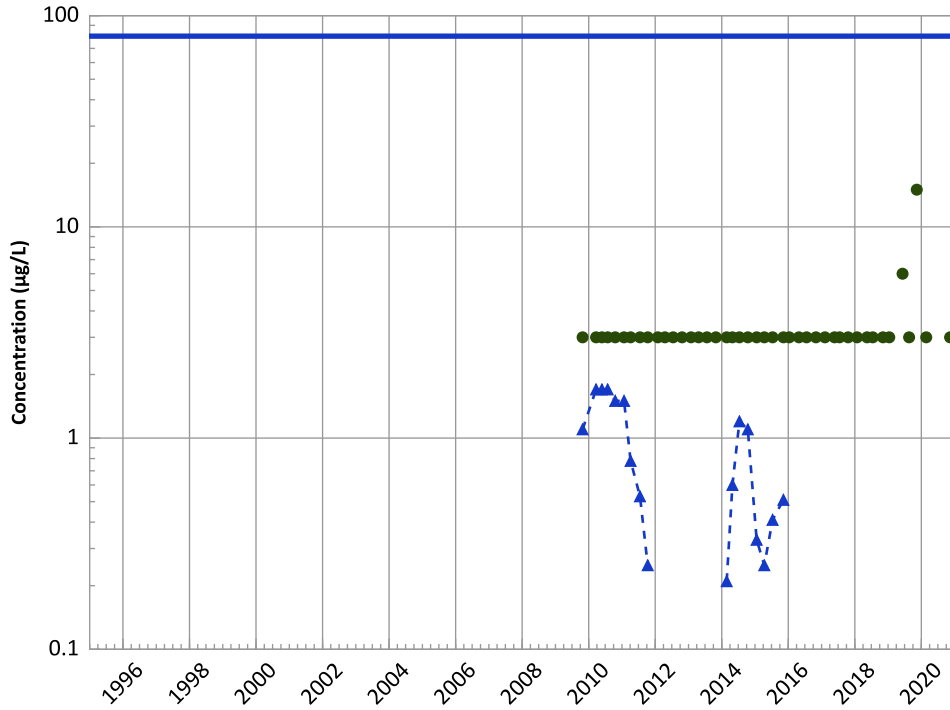
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

Increasing

MAROS Linear Regression Method

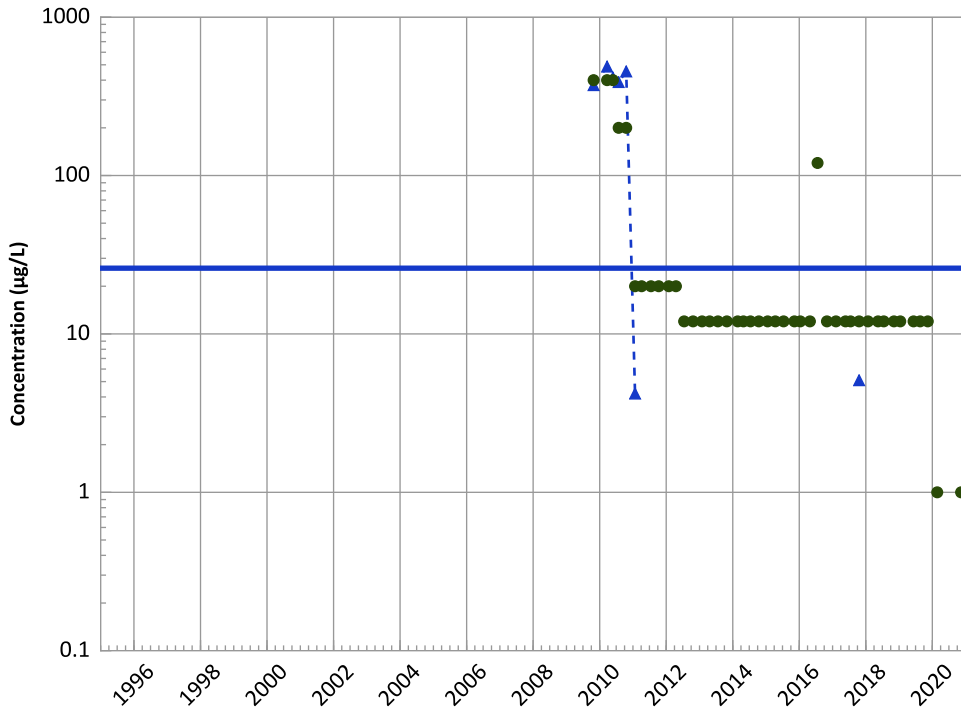
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

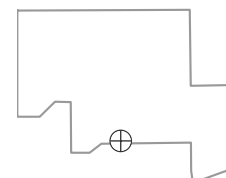
2018 - 2020 Data:

Probably Decreasing

All Data:

Probably Decreasing

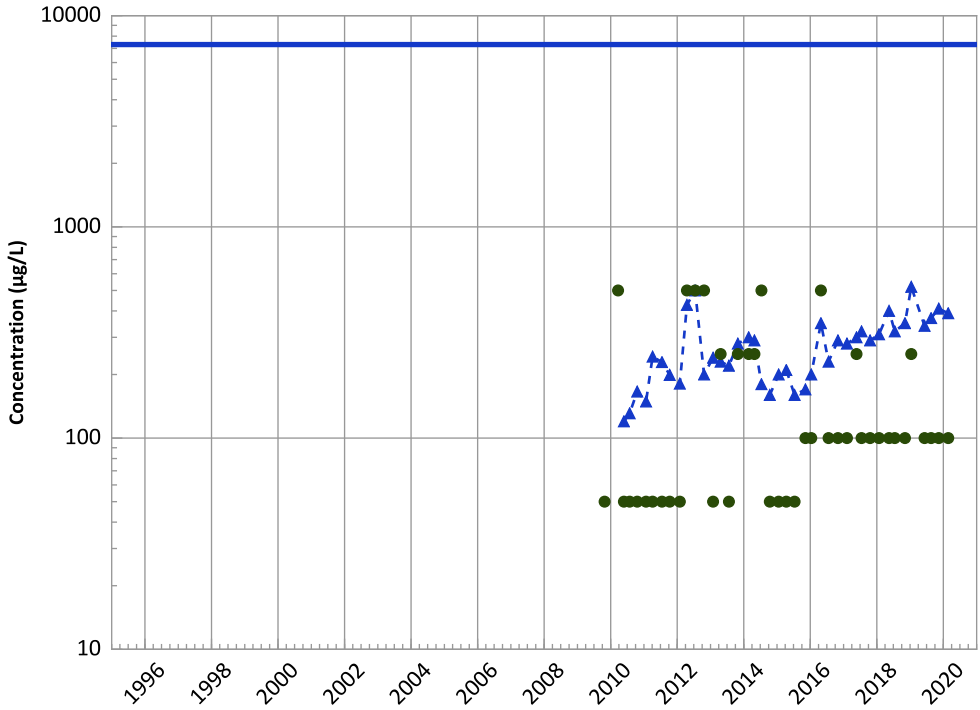
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

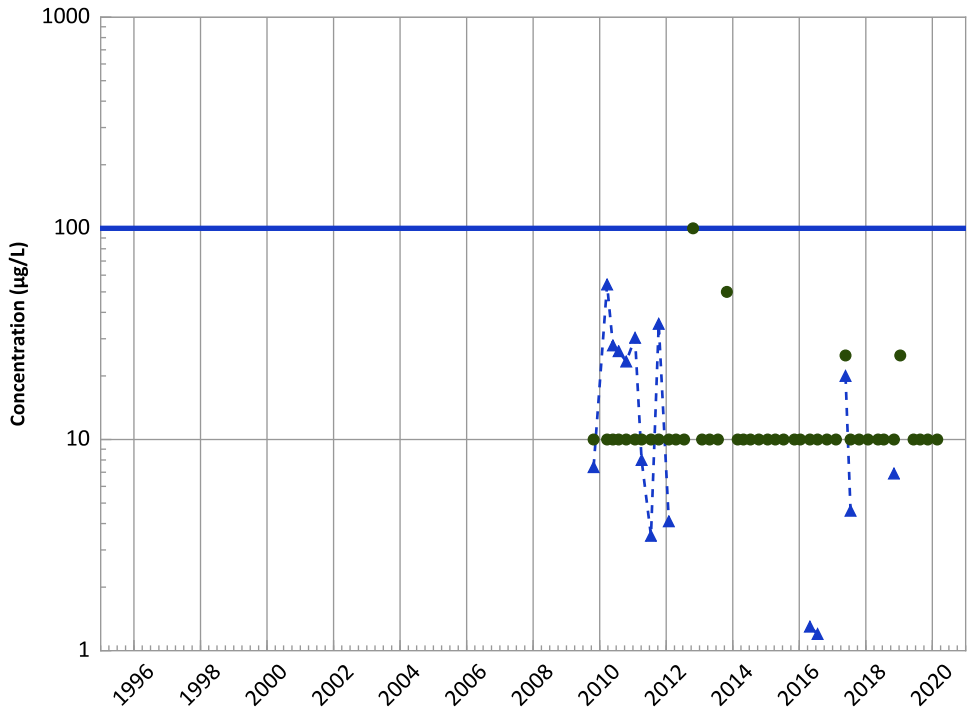
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

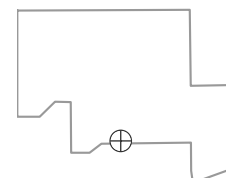
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

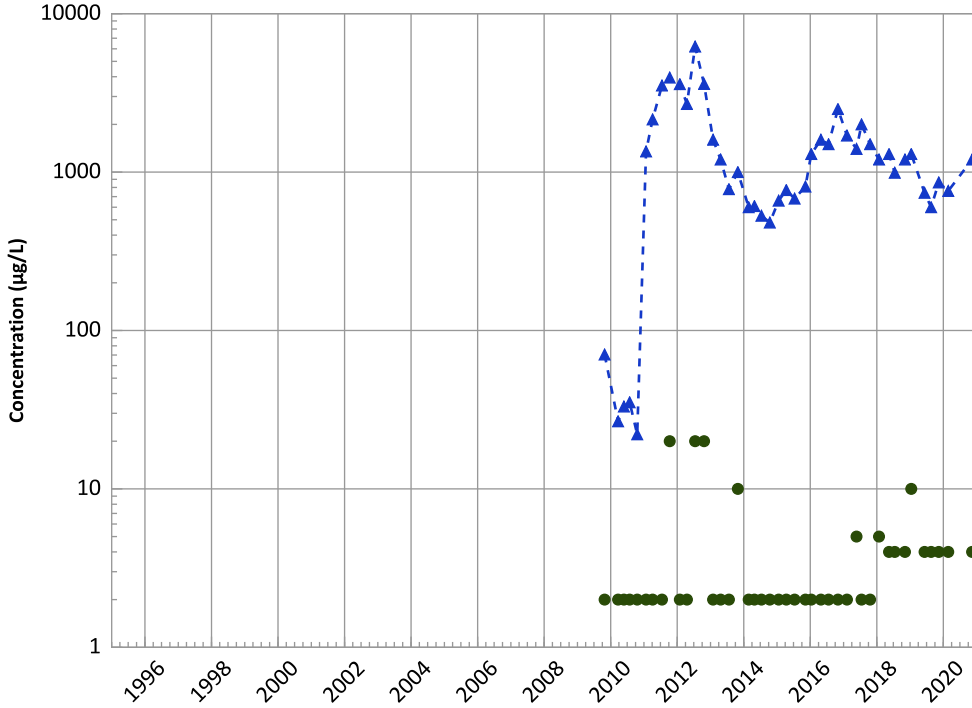
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

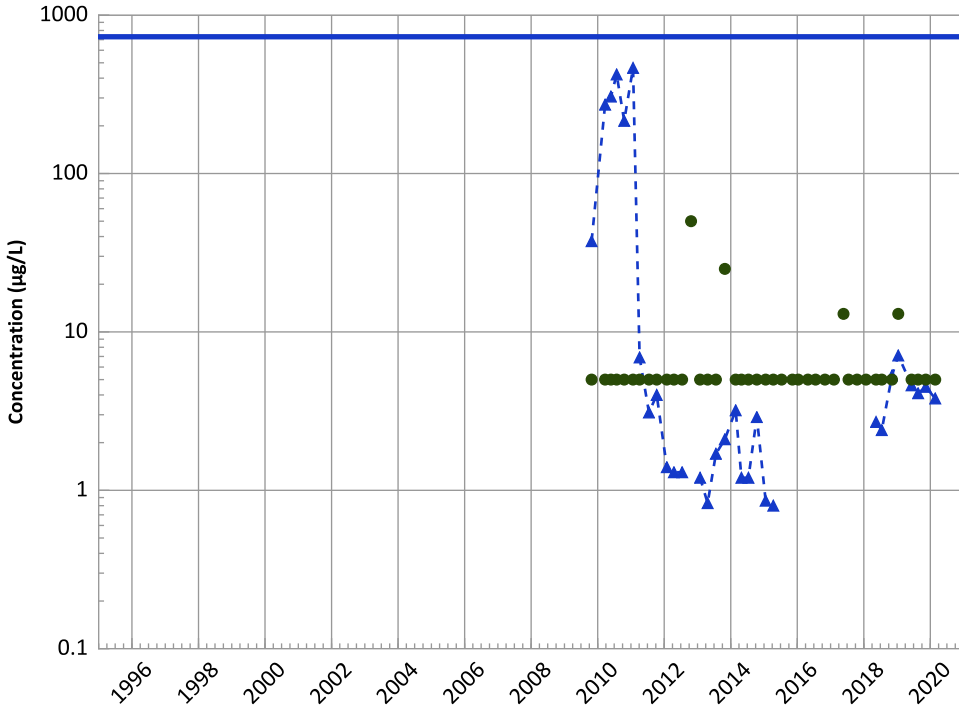
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

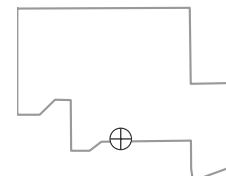
2018 - 2020 Data:

Stable

All Data:

Decreasing

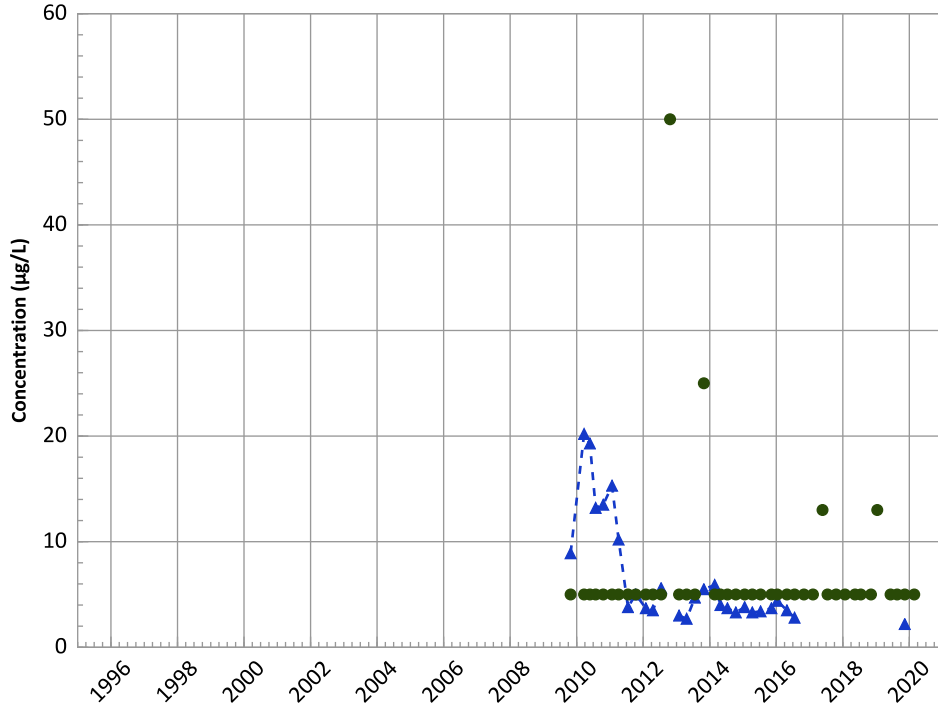
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

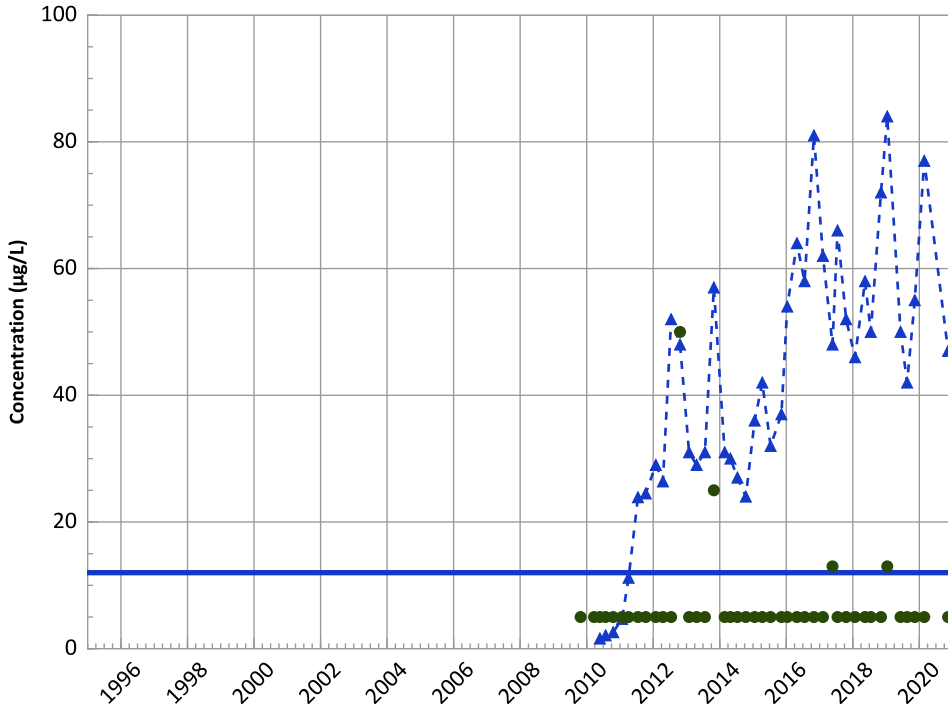


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Arsenic Trend



Concentration Trend

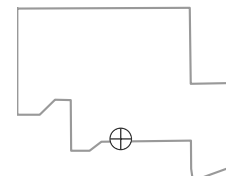
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

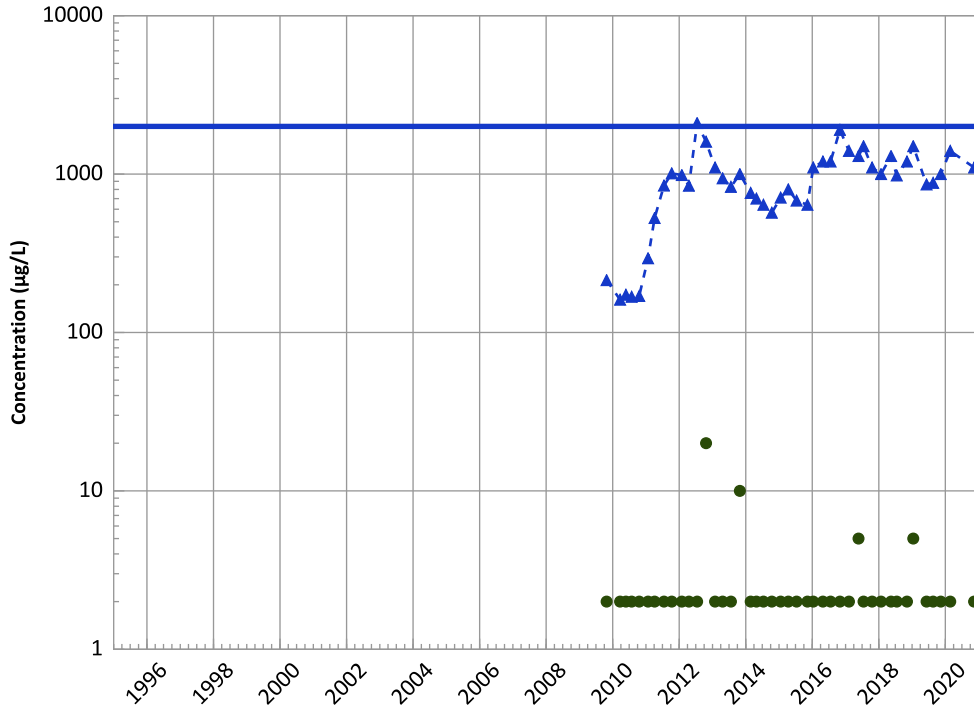
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

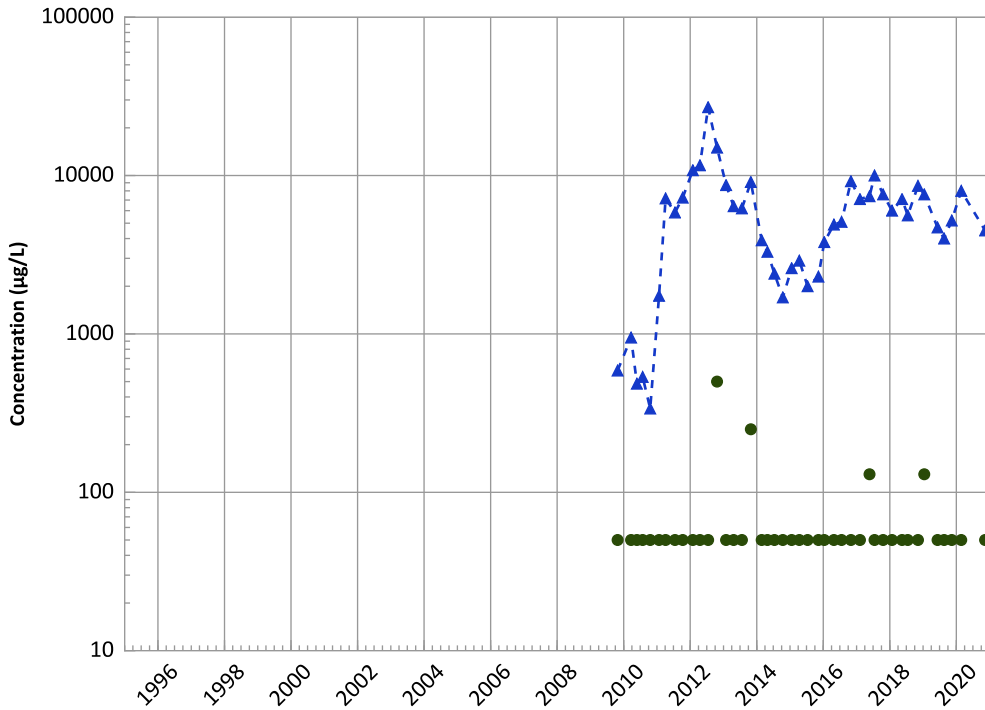
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

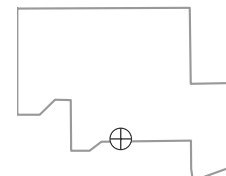
2018 - 2020 Data:

No Trend

All Data:

Increasing

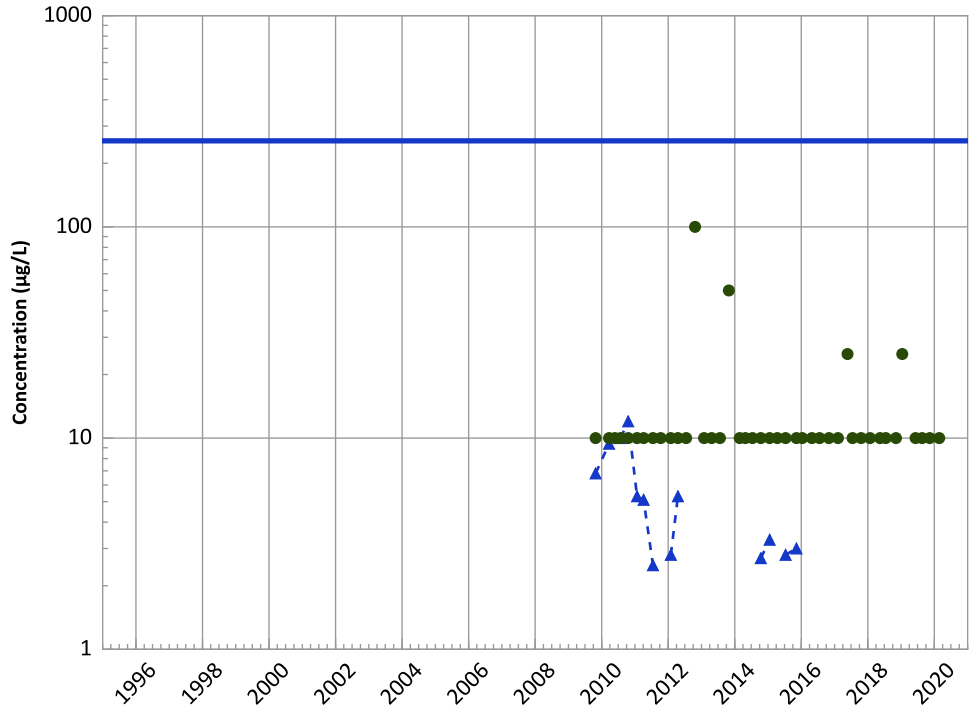
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



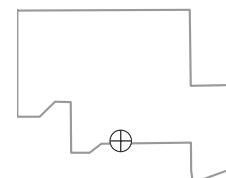
Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Decreasing

MAROS Linear Regression Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Decreasing

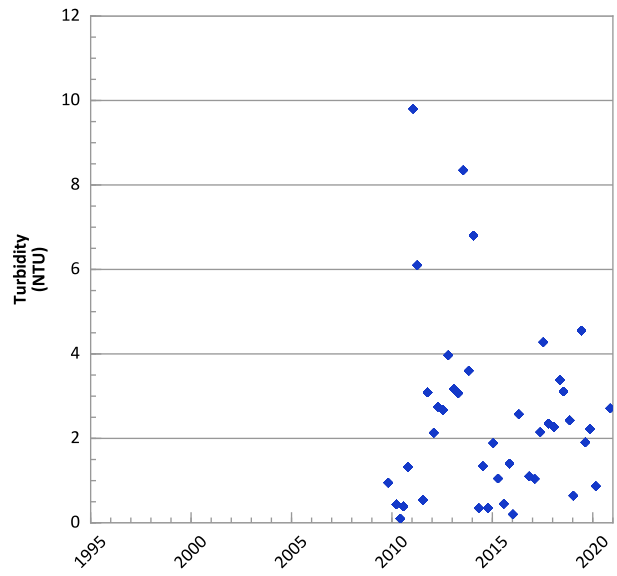
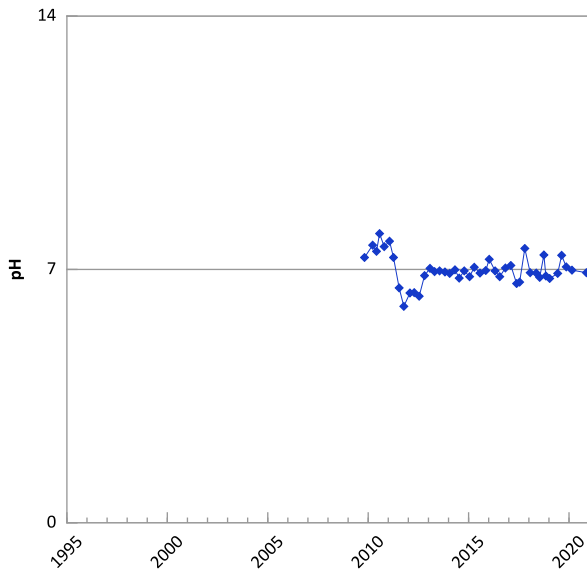
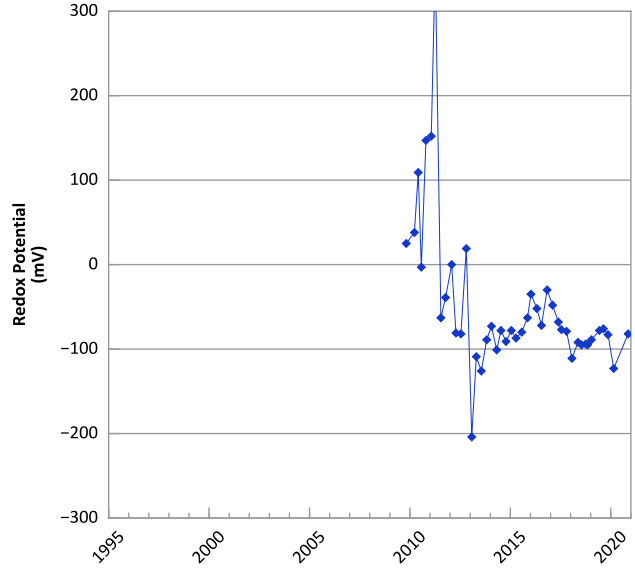
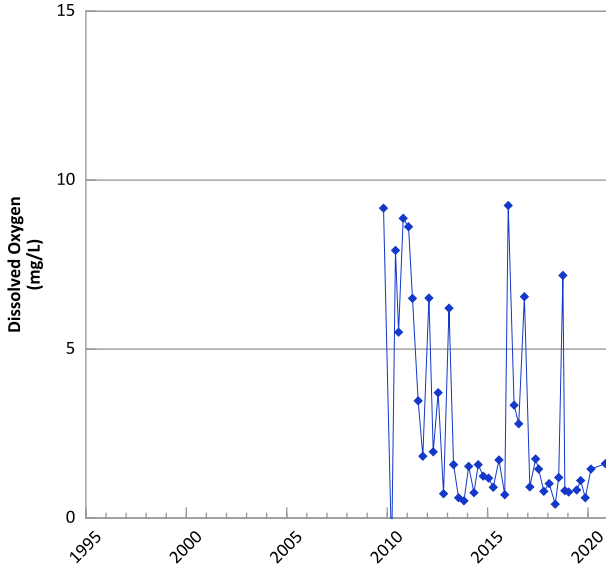
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/26/2009 to 11/12/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

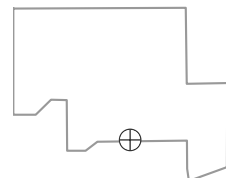


**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



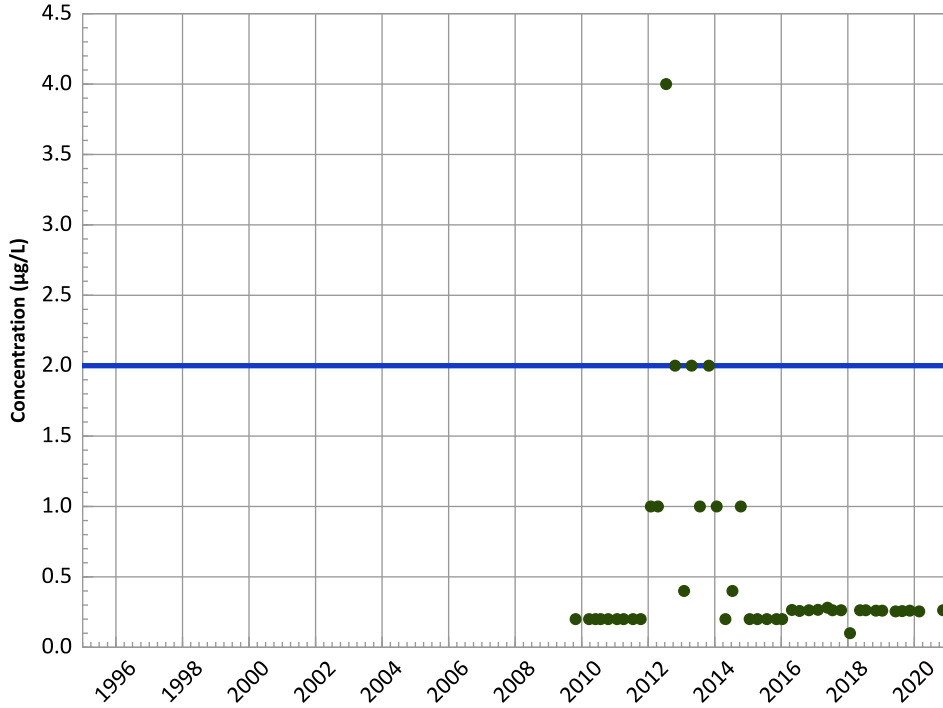
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

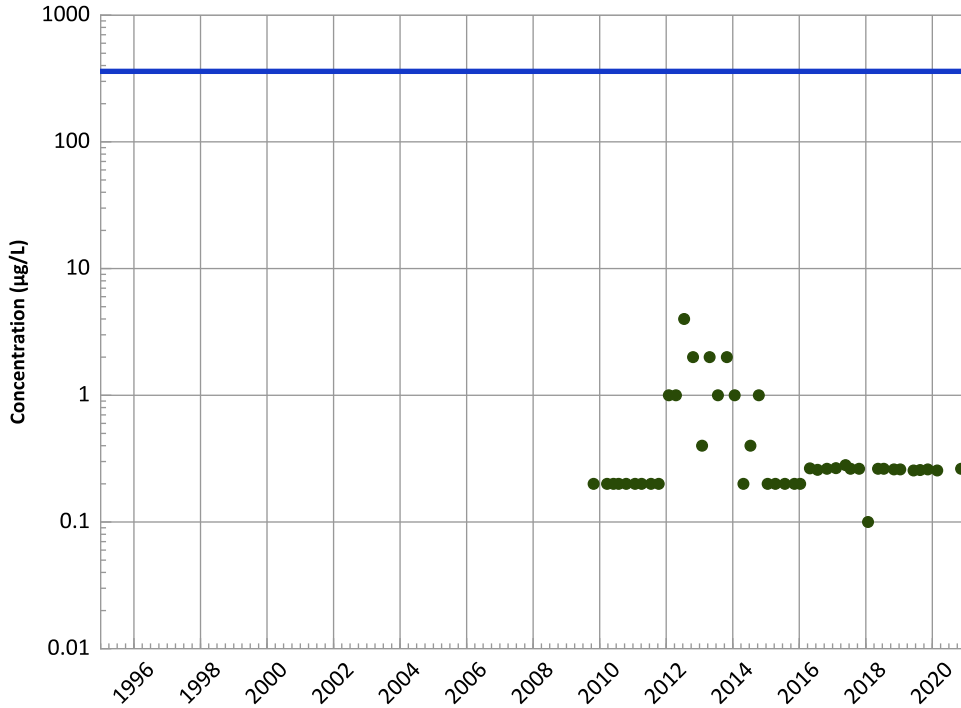
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

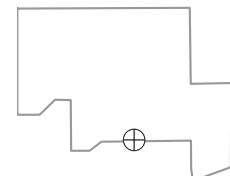
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

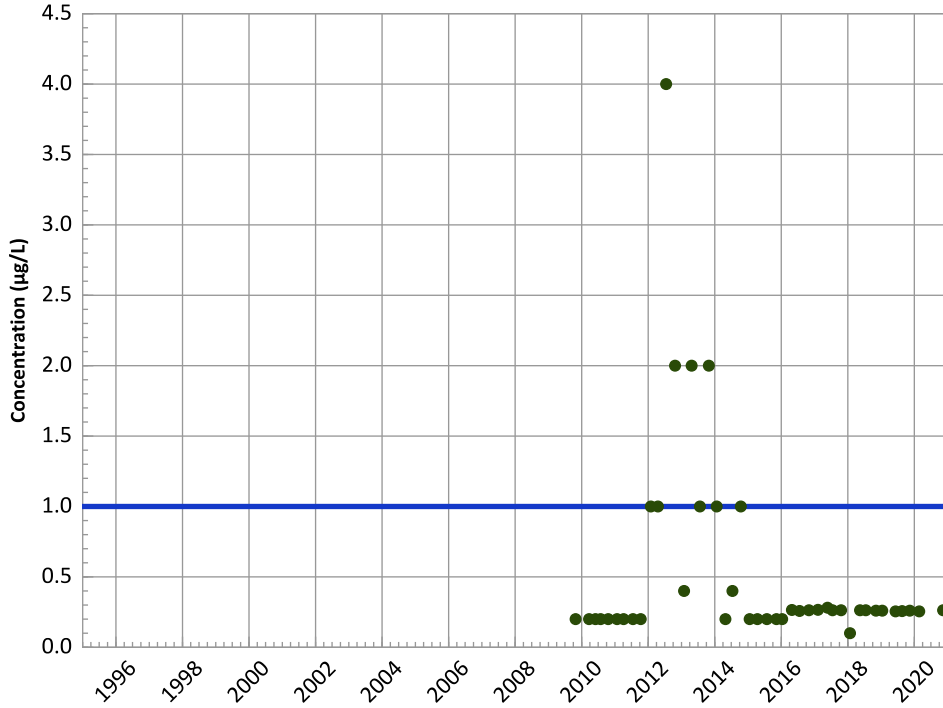


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

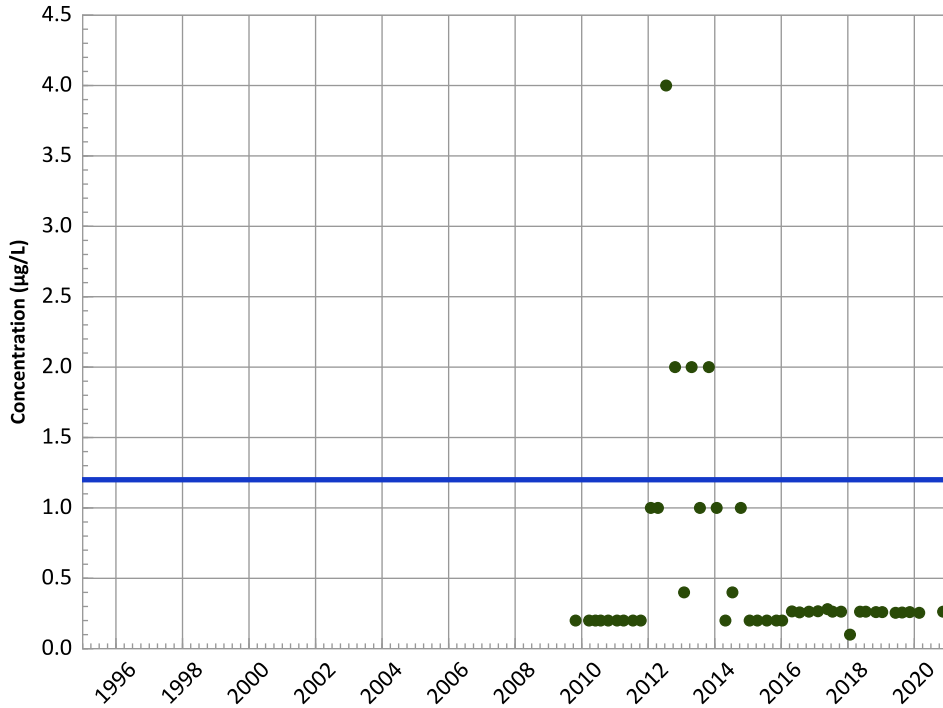
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

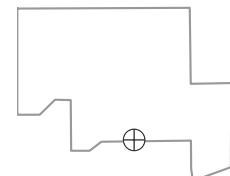
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

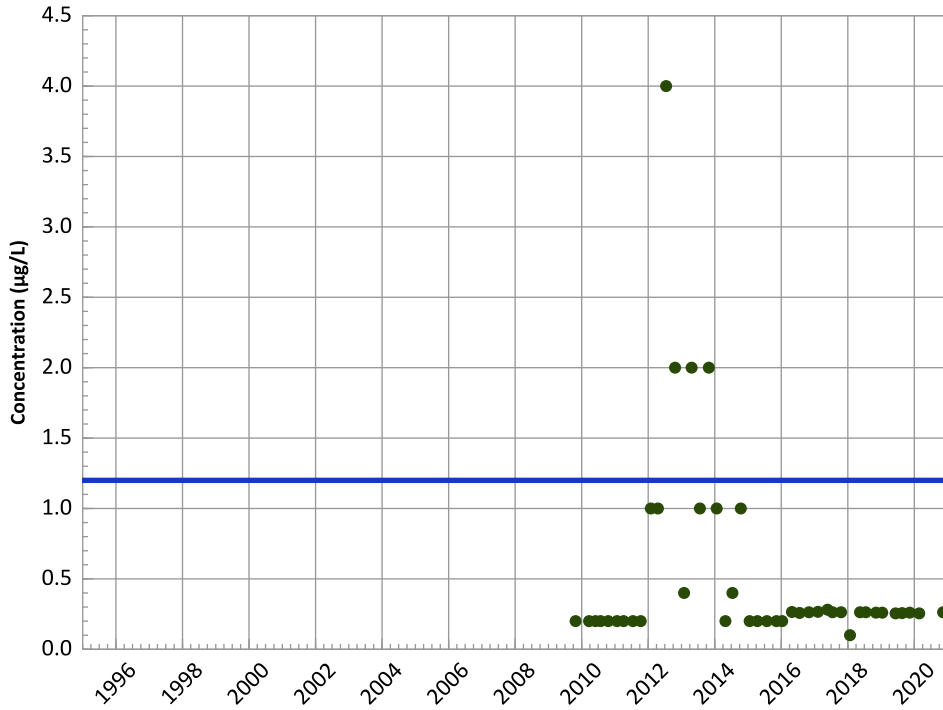
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

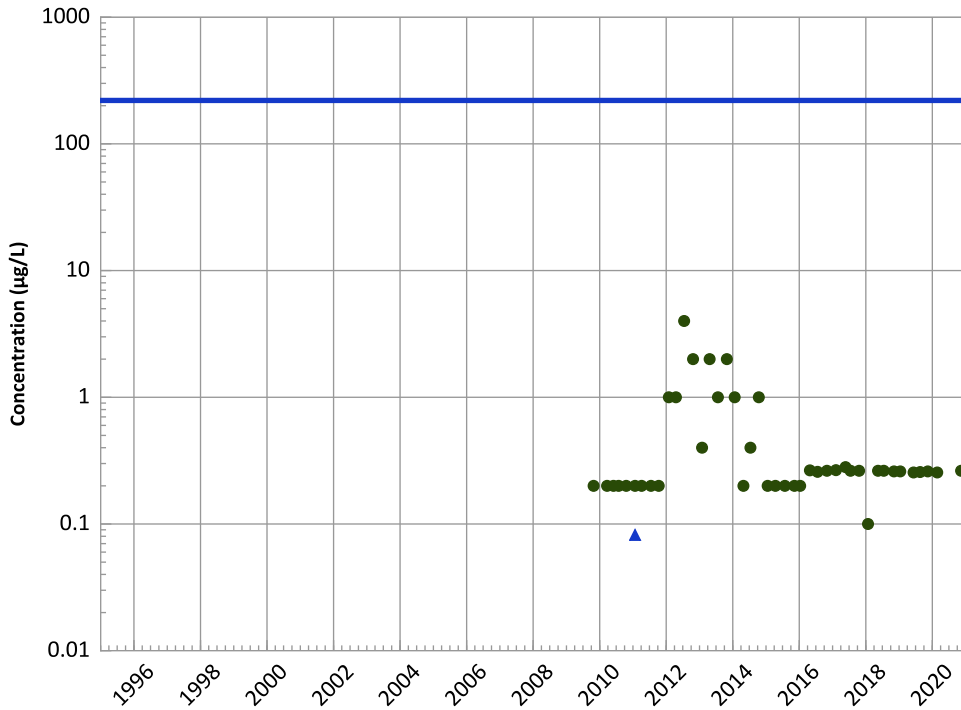
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

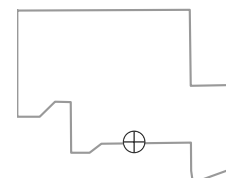
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

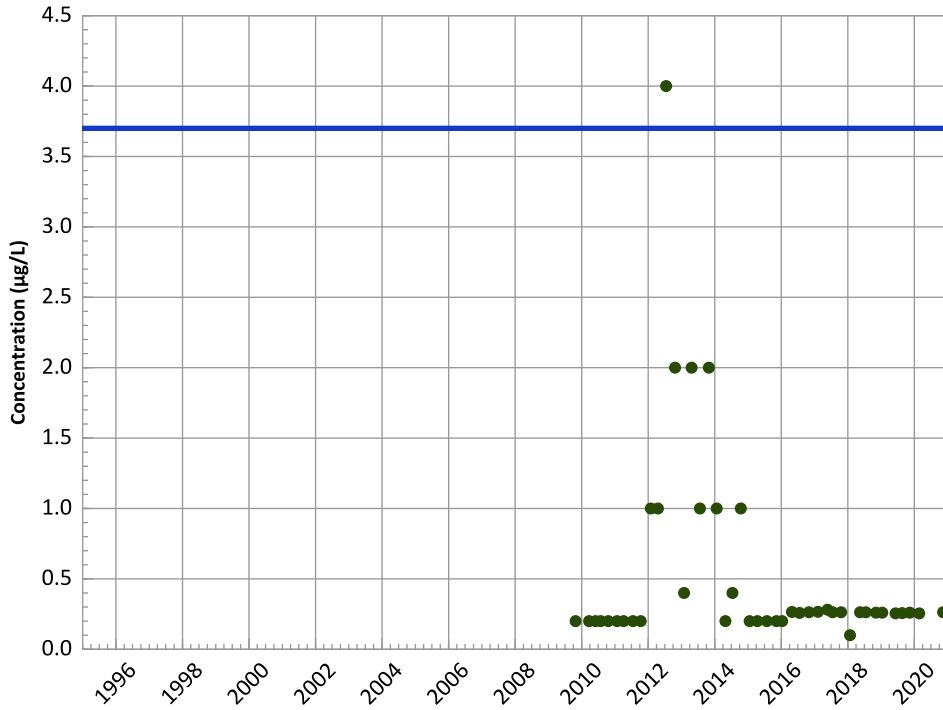


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

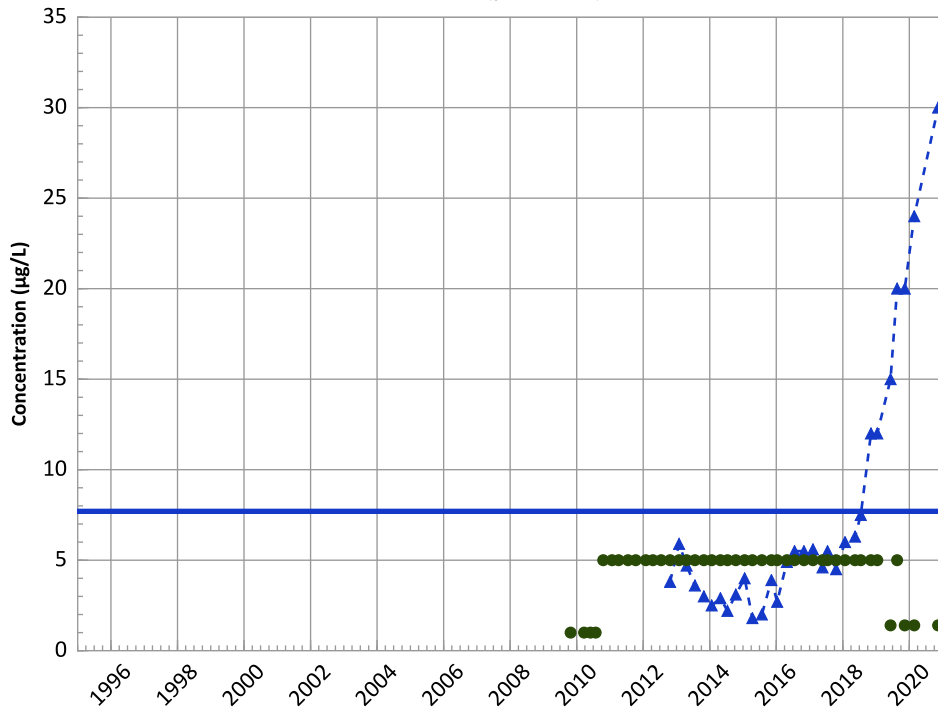
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

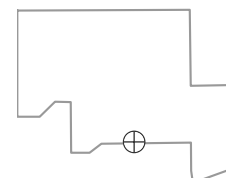
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

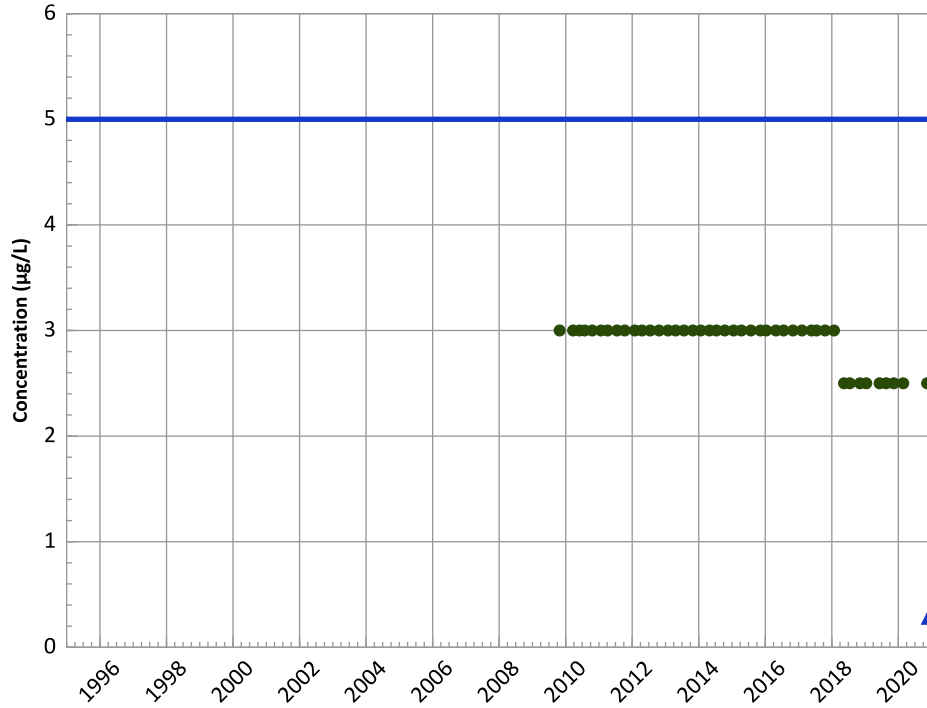
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

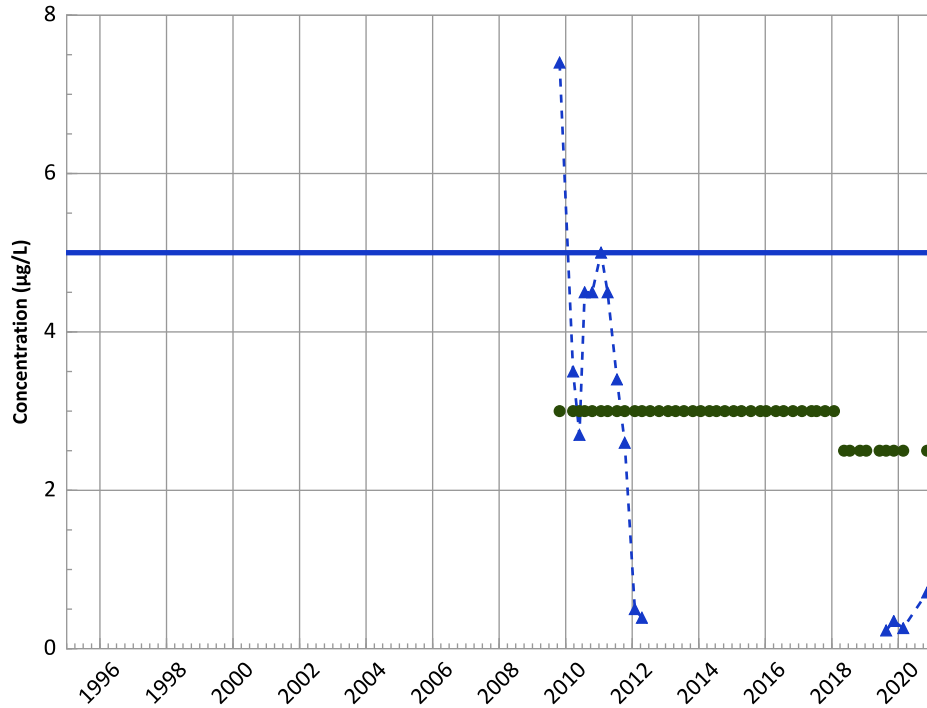


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend

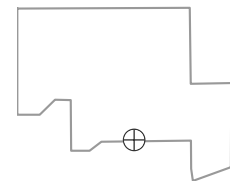


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

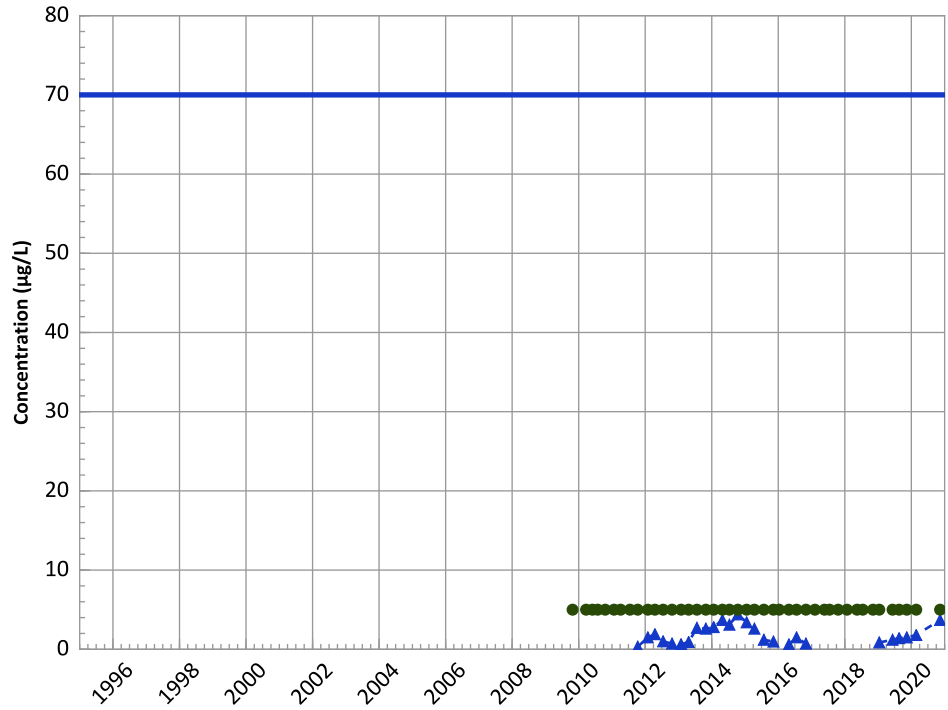
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

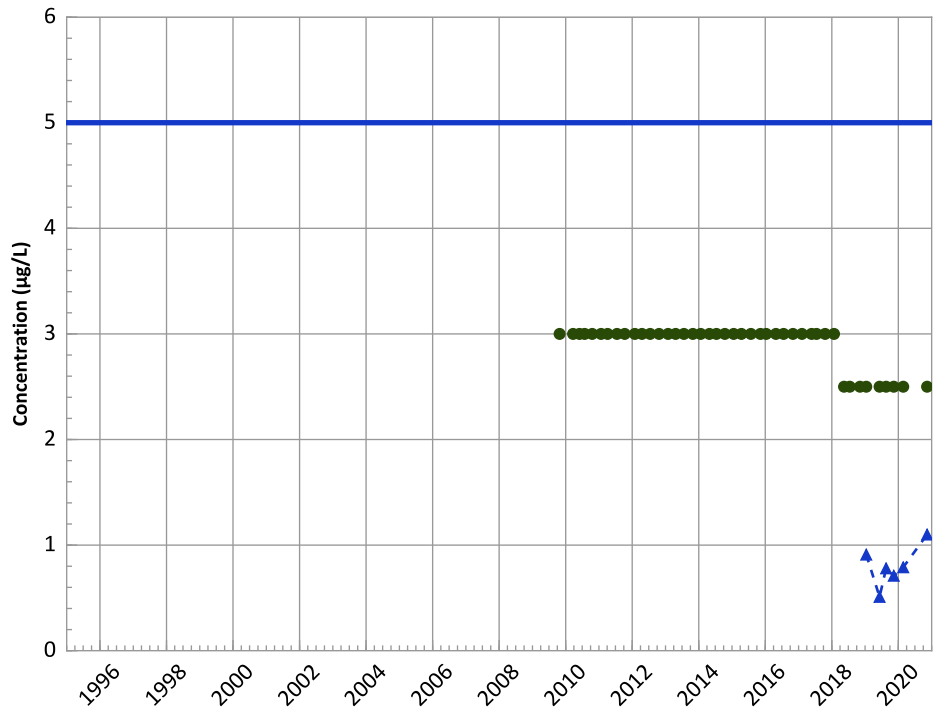
2018 - 2020 Data:

Probably Increasing

All Data:

No Trend

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

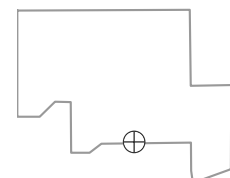
2018 - 2020 Data:

No Trend

All Data:

Increasing

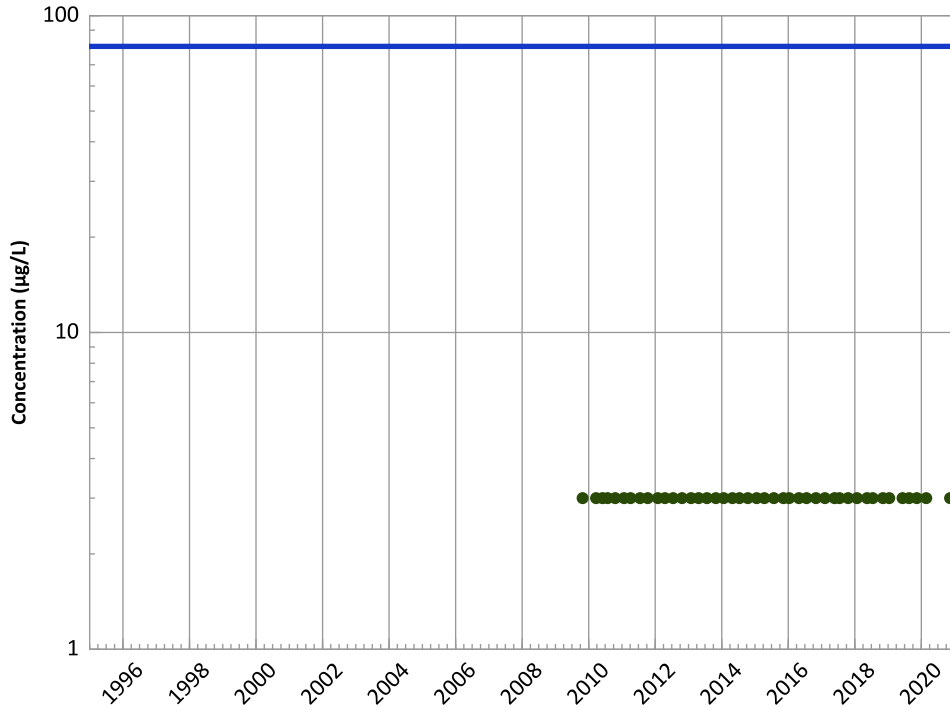
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1156 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

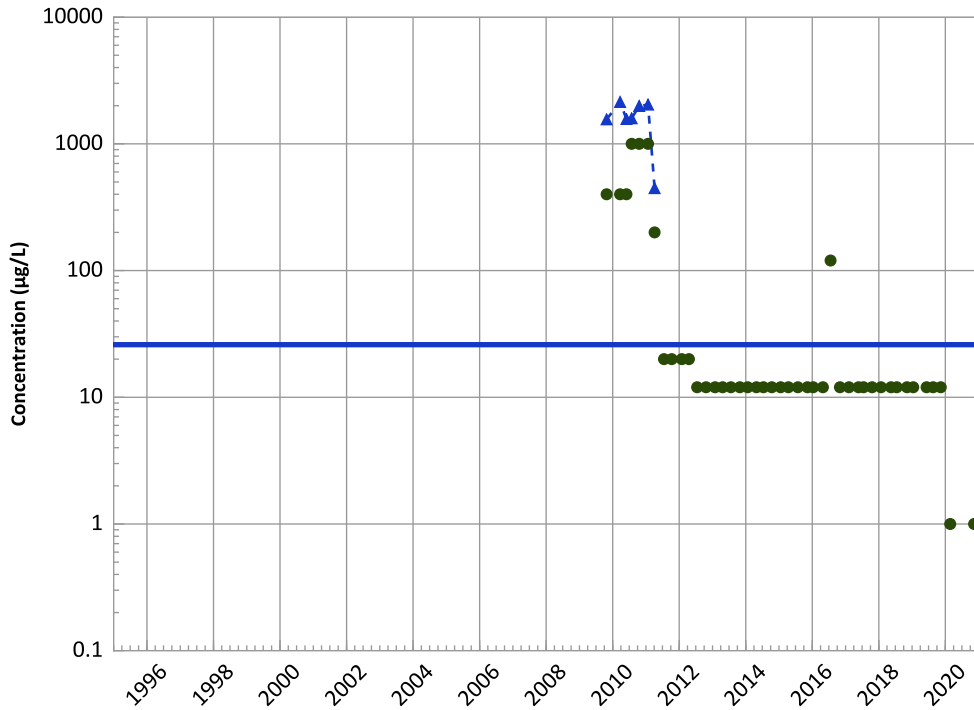
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

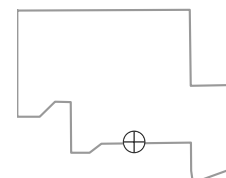
All Data:

Stable

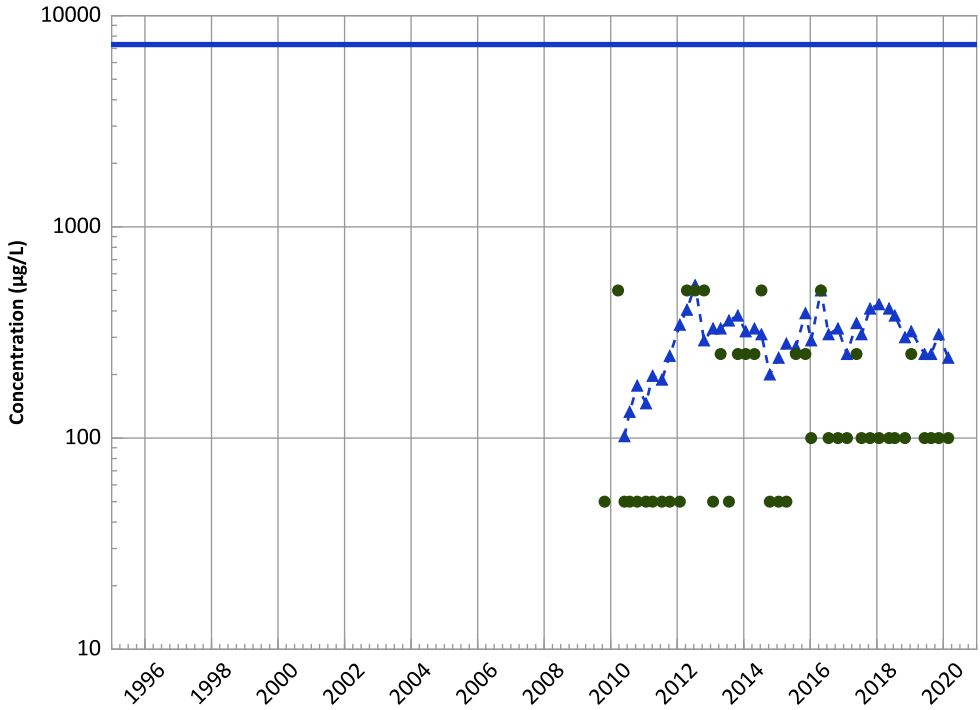
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/26/2009 to 11/12/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

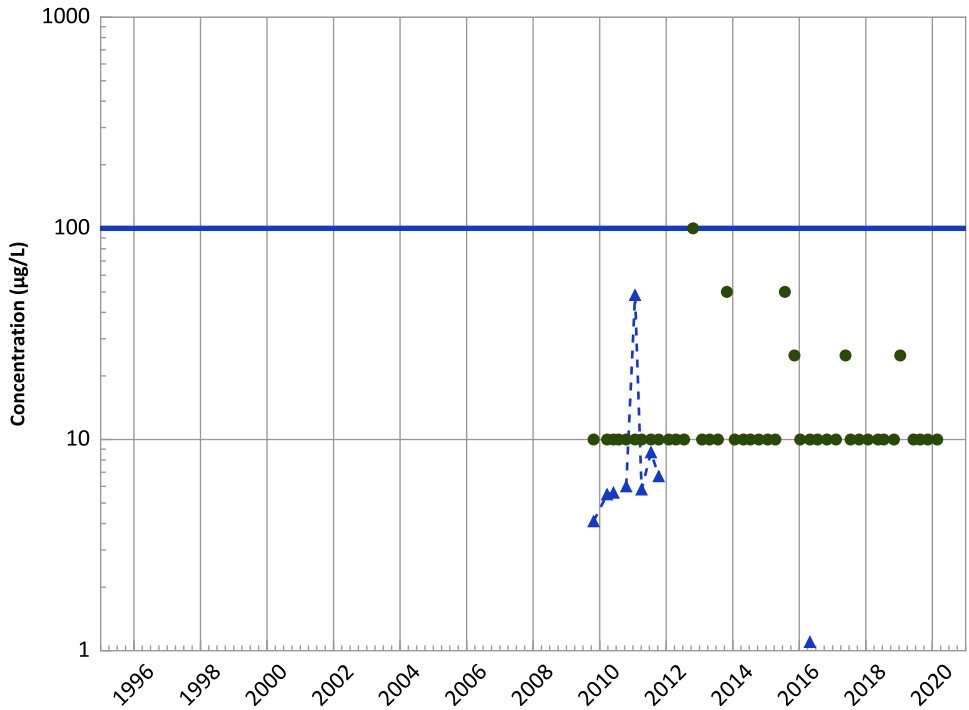
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

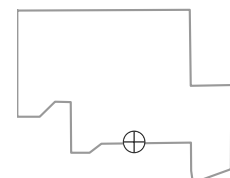
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

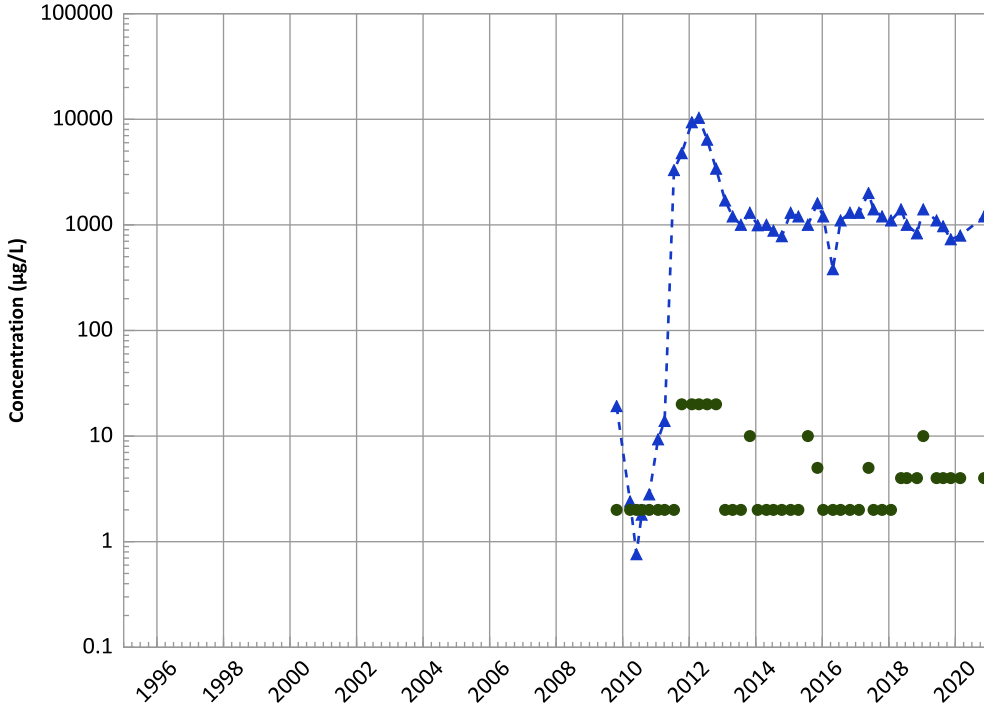


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

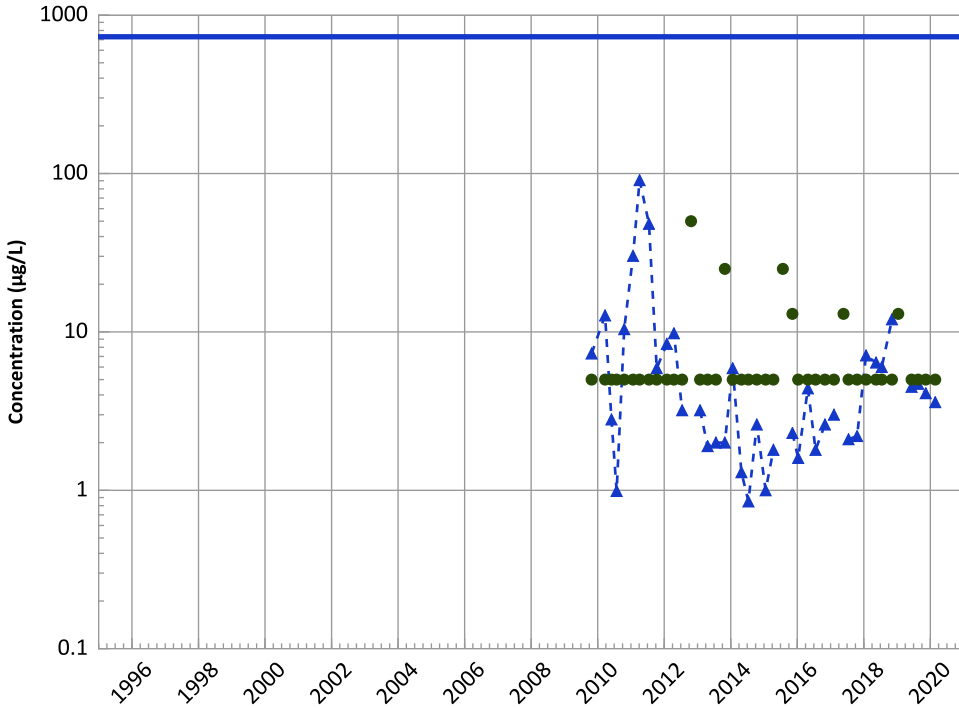


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Nickel Trend

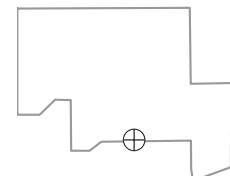


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Decreasing

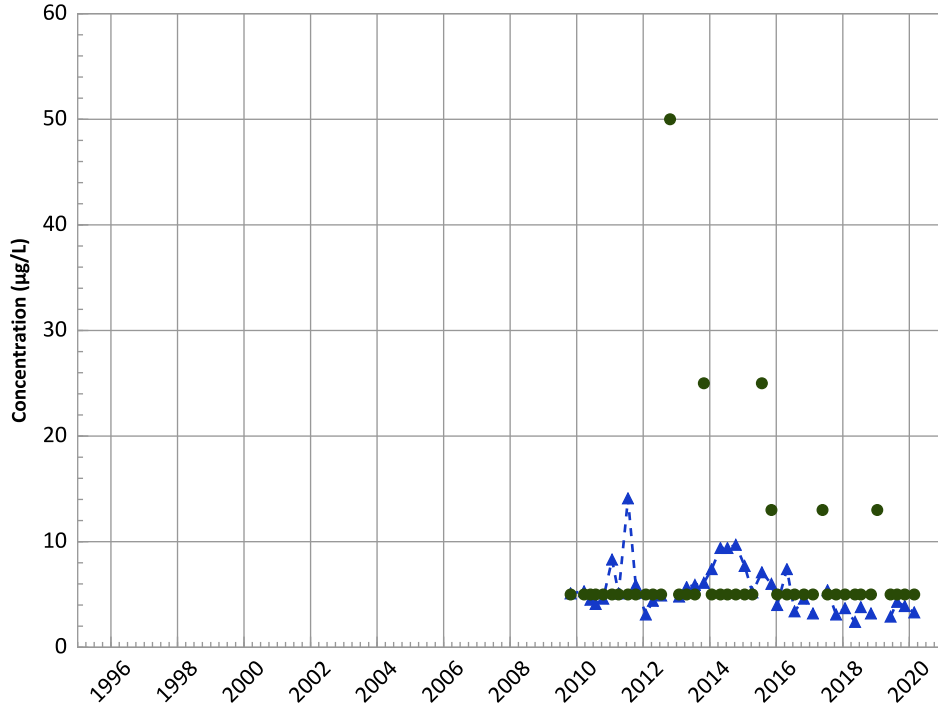
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

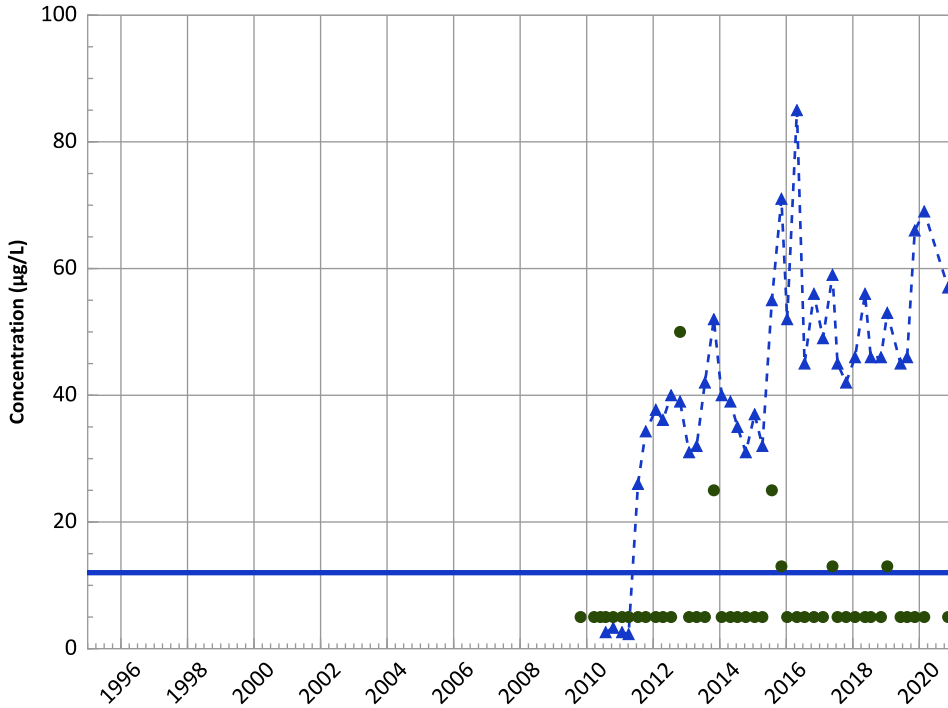


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

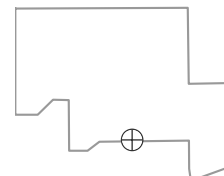
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

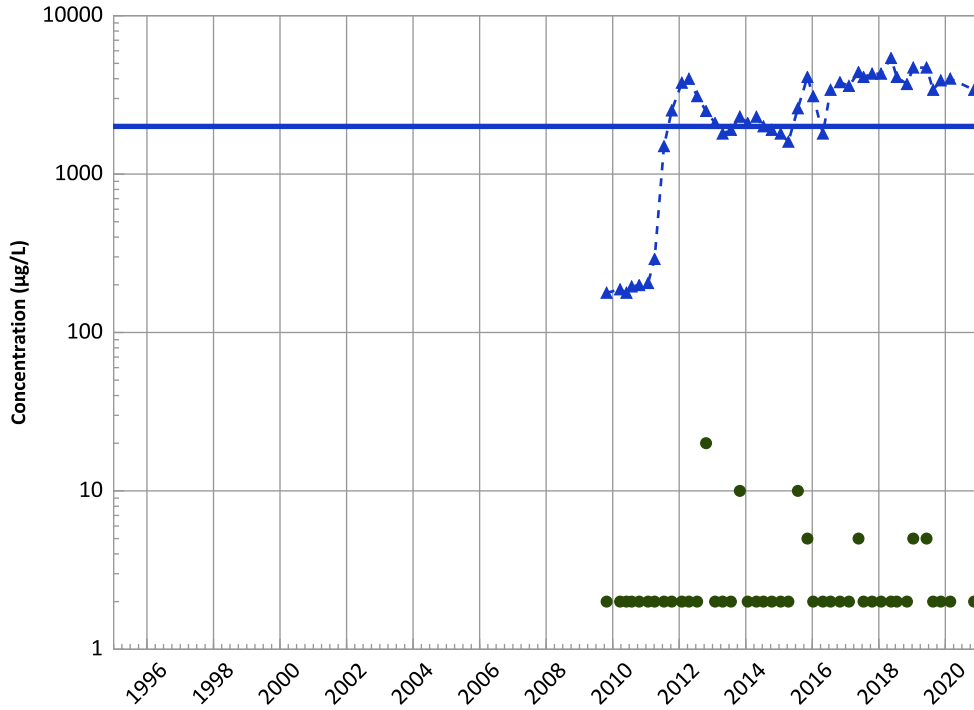
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

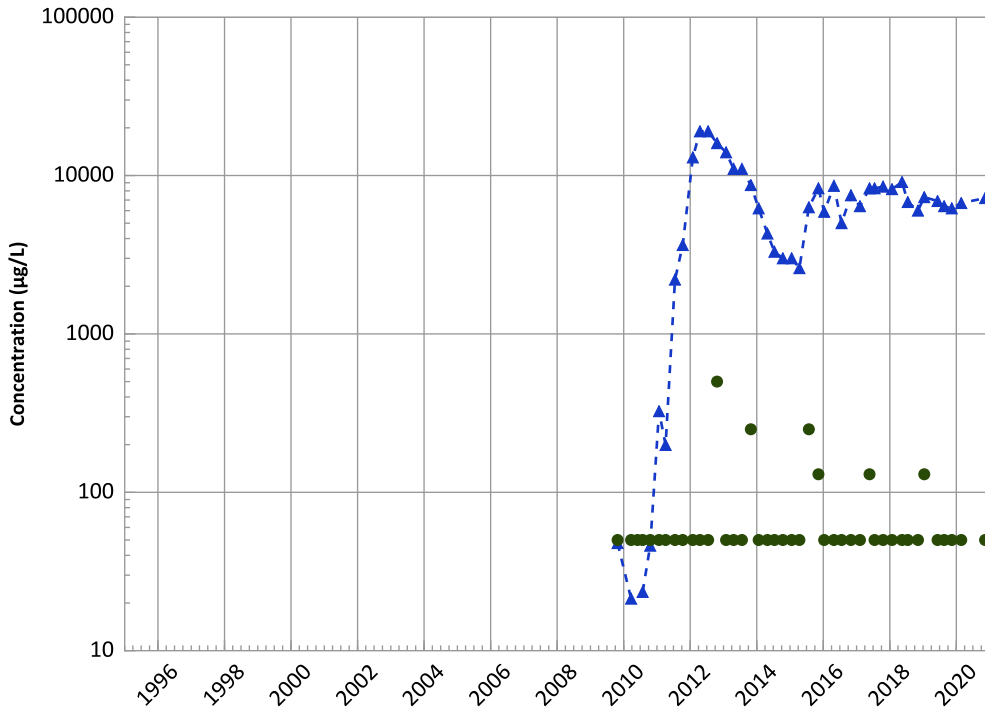
2018 - 2020 Data:

No Trend

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

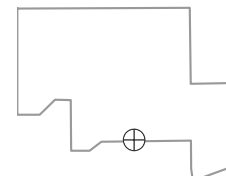
2018 - 2020 Data:

No Trend

All Data:

Increasing

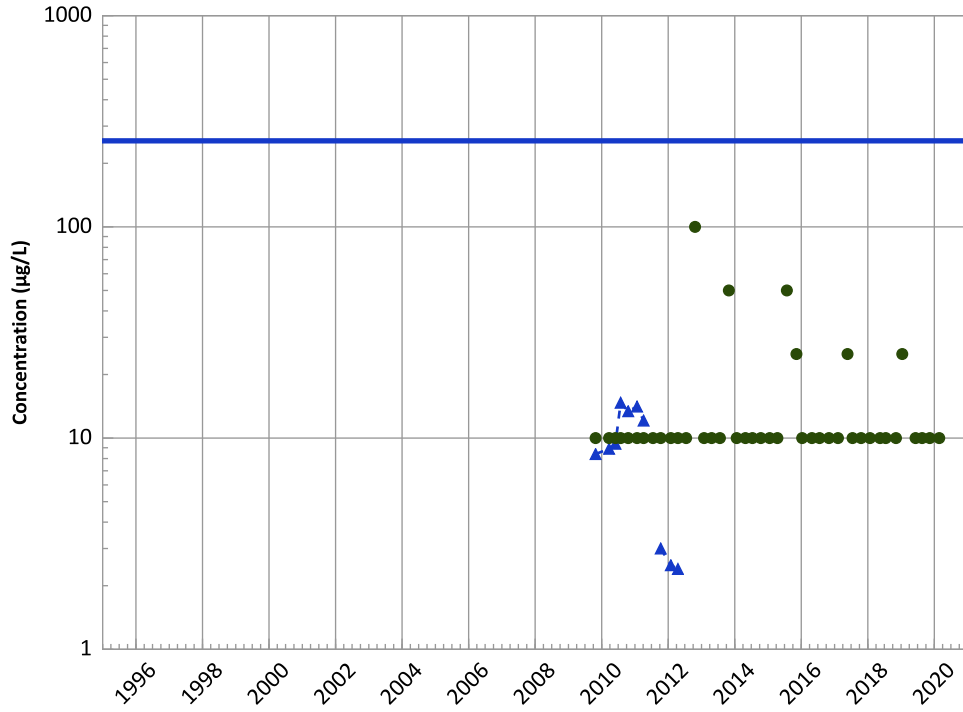
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/26/2009 to 11/12/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



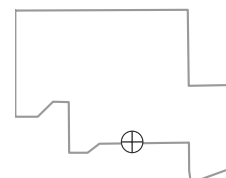
Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 Decreasing

MAROS Linear Regression Method
 2018 - 2020 Data:
 Decreasing
 All Data:
 Decreasing

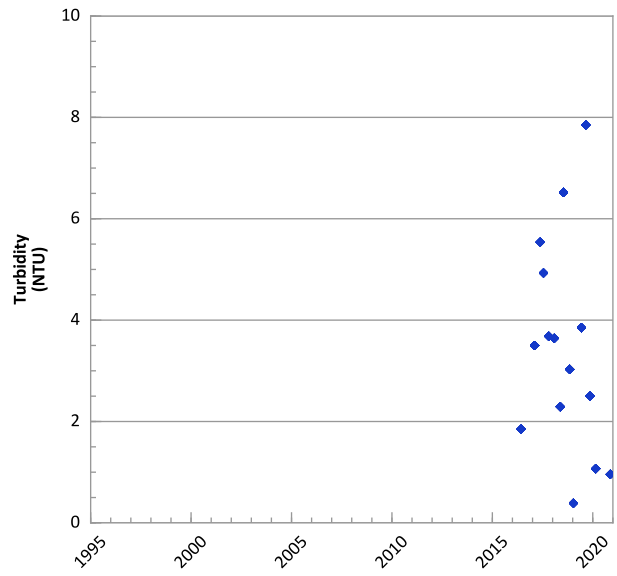
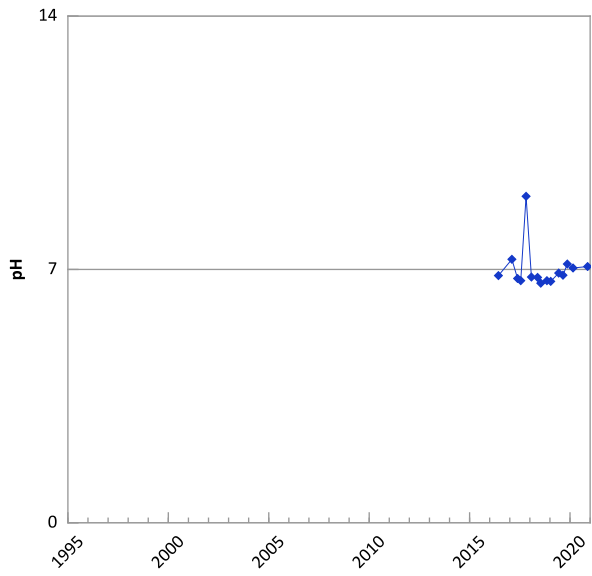
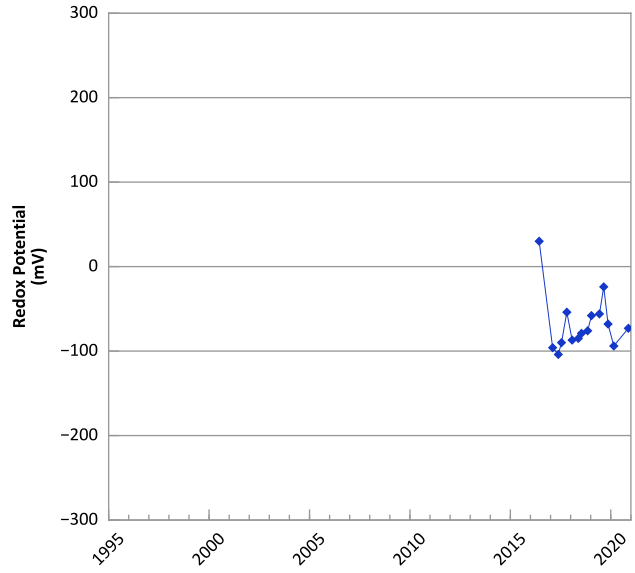
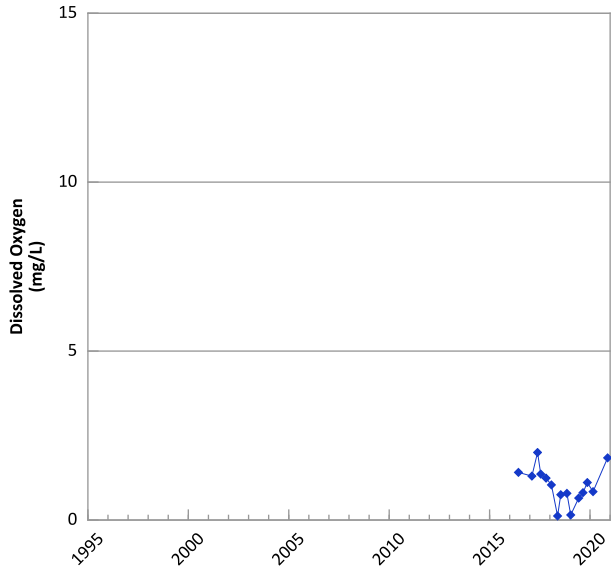
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/26/2009 to 11/12/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

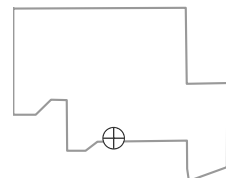


**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



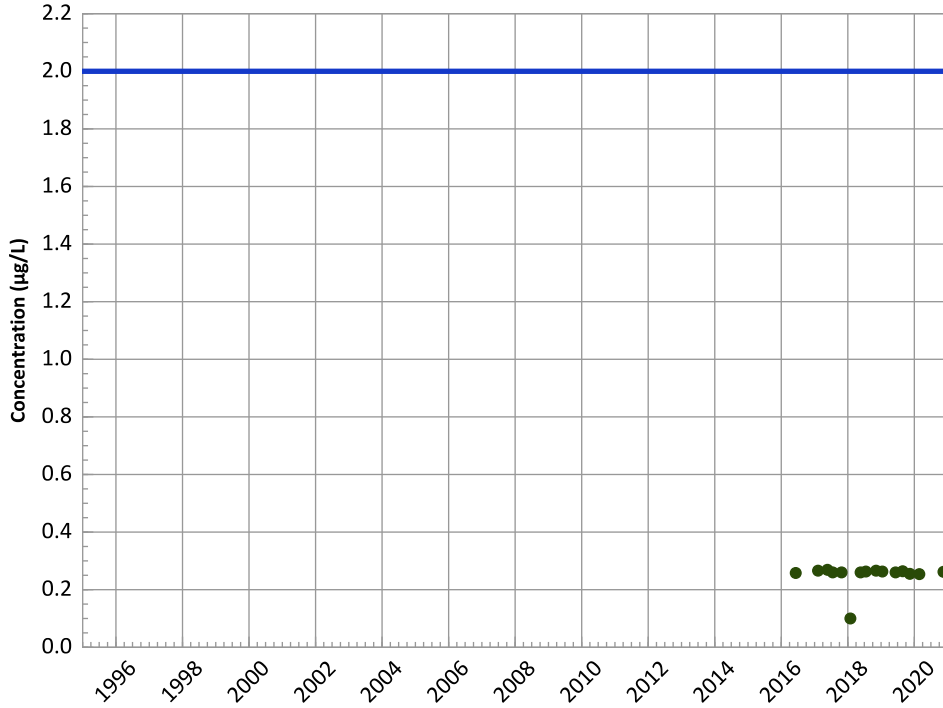
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

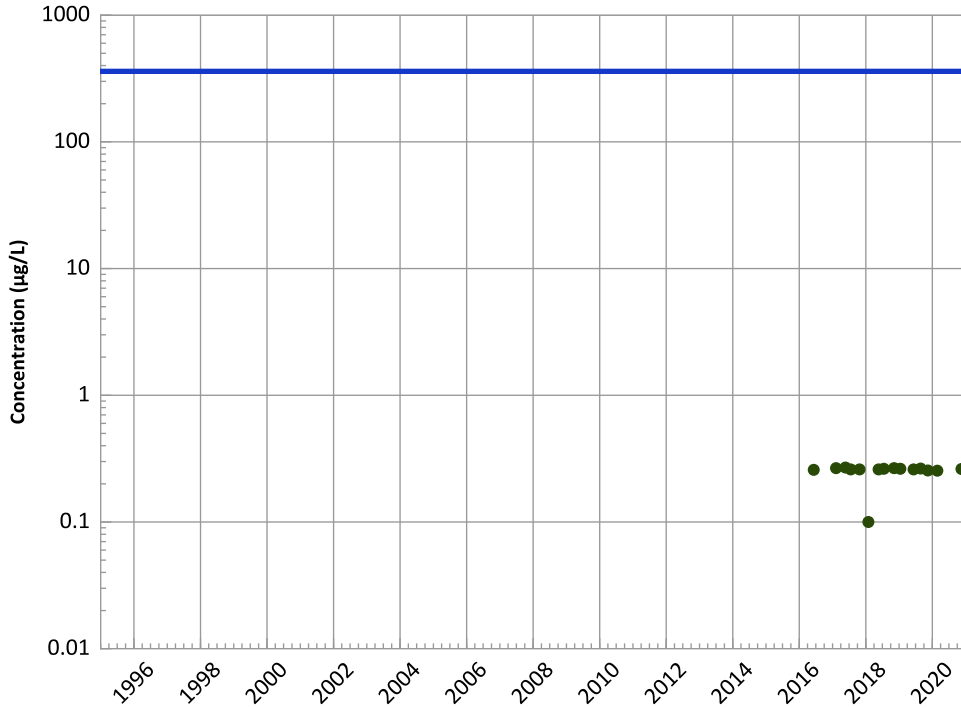
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

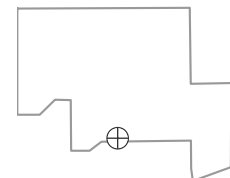
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

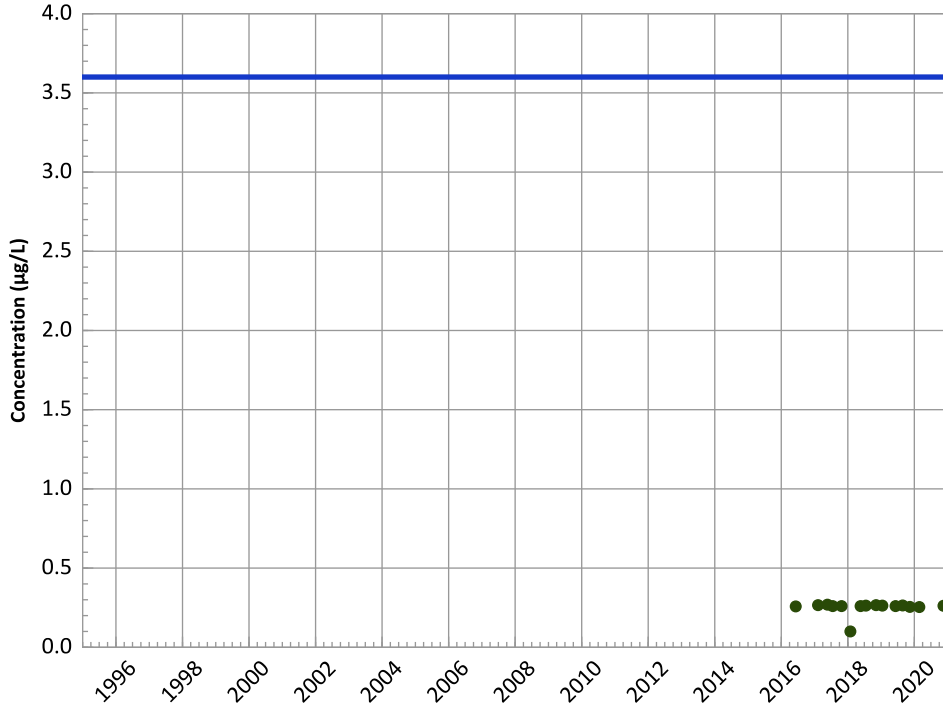
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

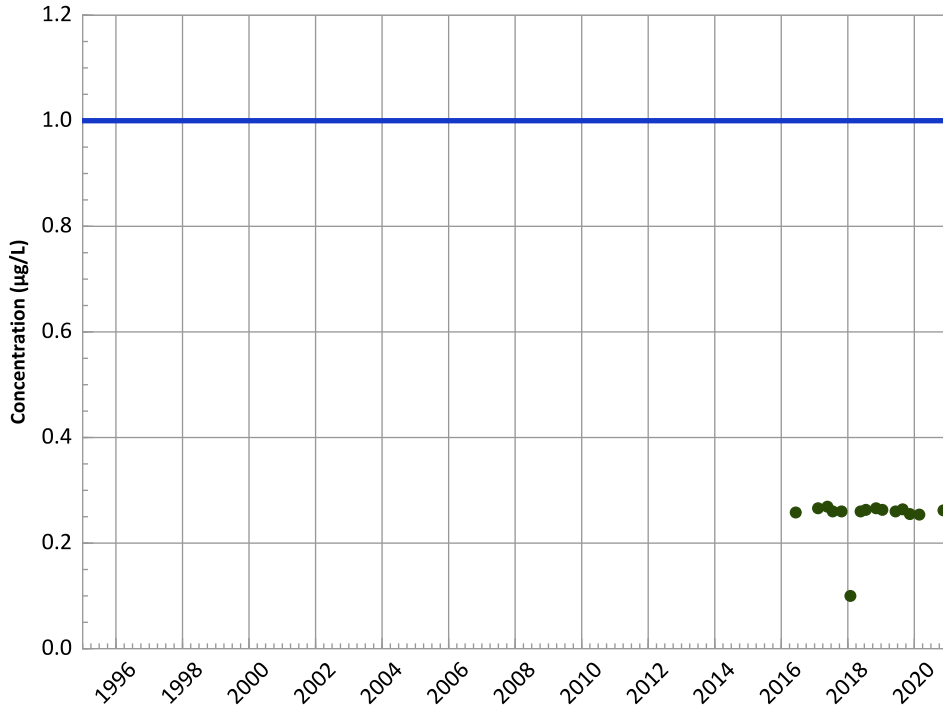
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

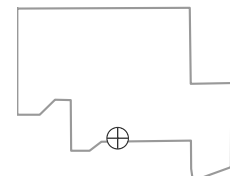
All Data:

All Non-Detect

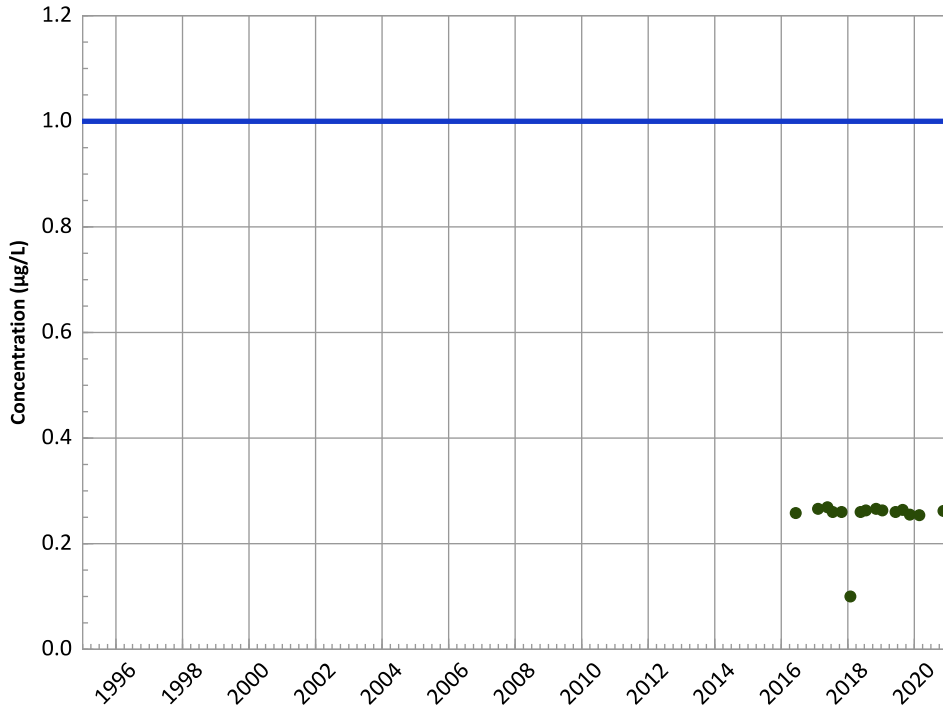
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ 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**

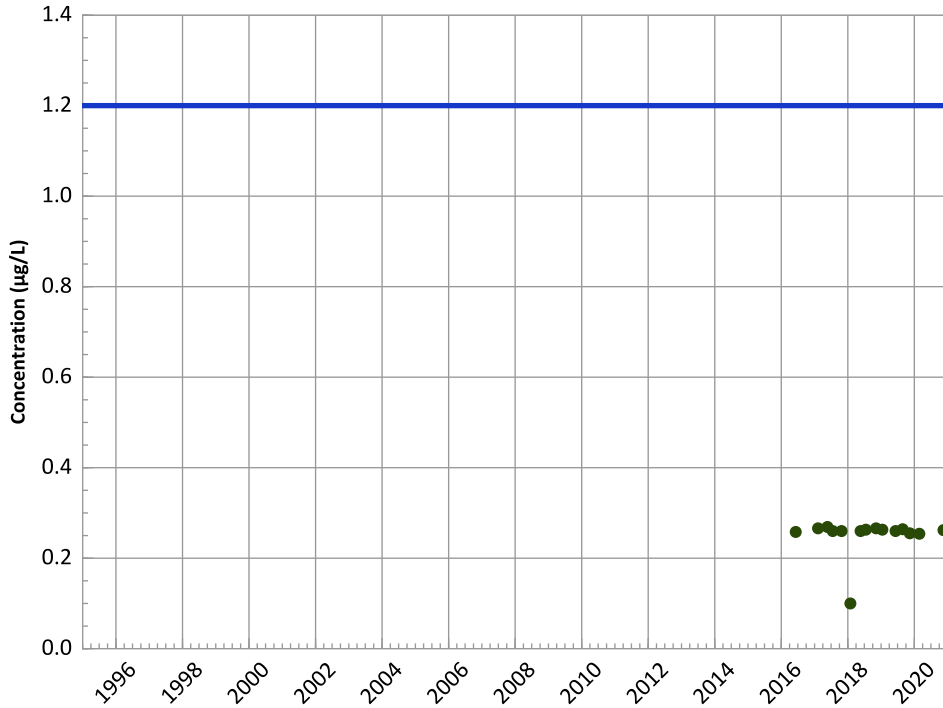


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

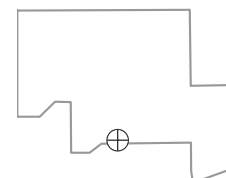


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

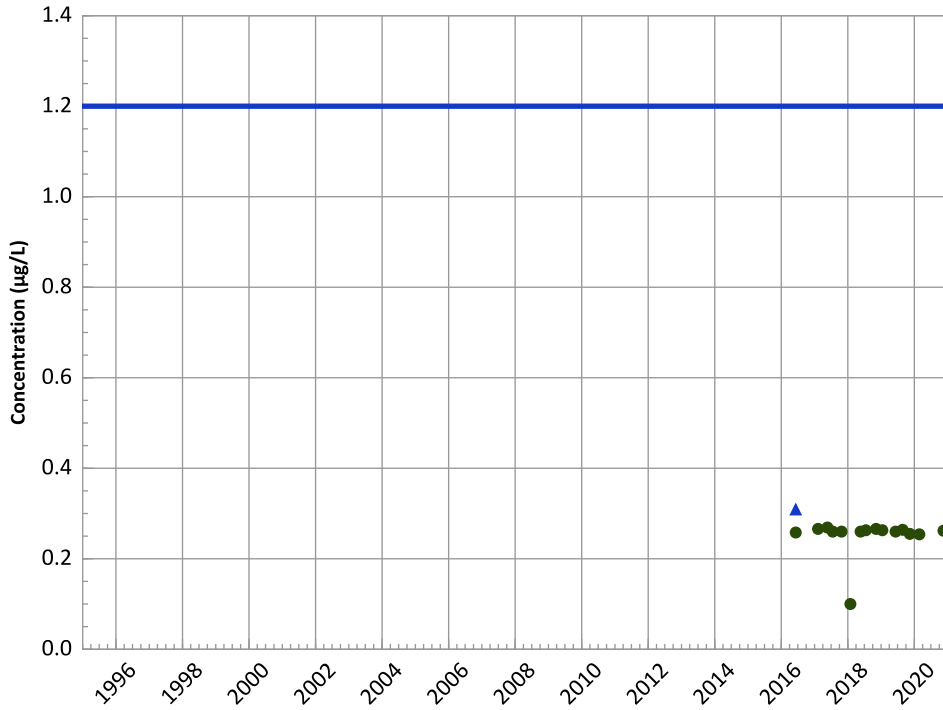


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

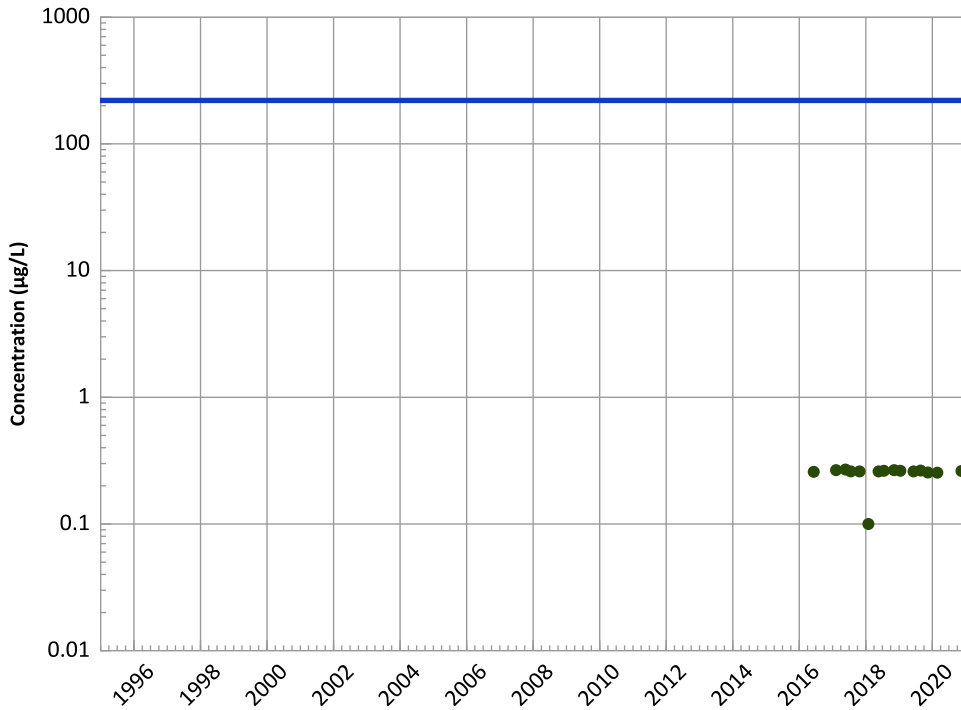
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

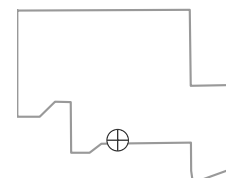
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

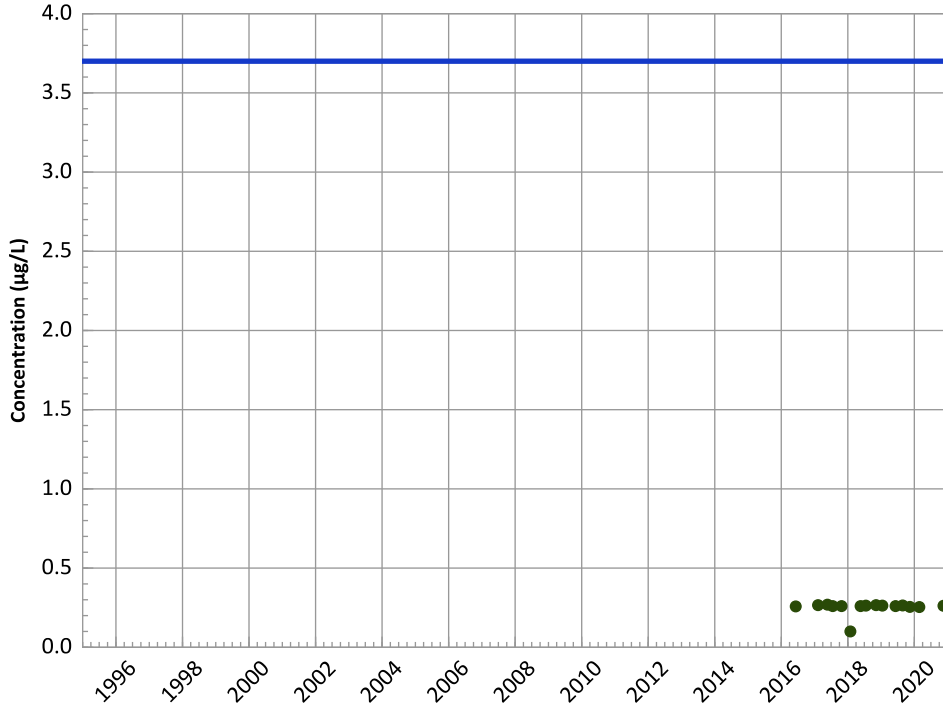


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

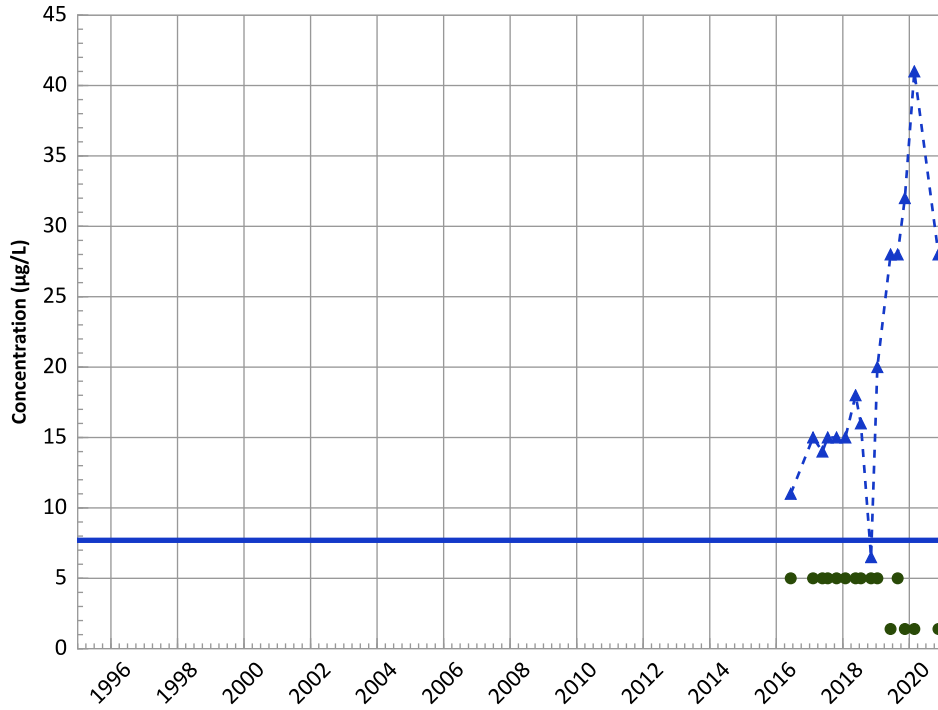
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

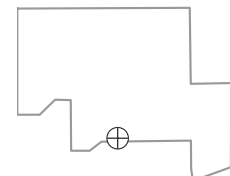
2018 - 2020 Data:

No Trend

All Data:

Increasing

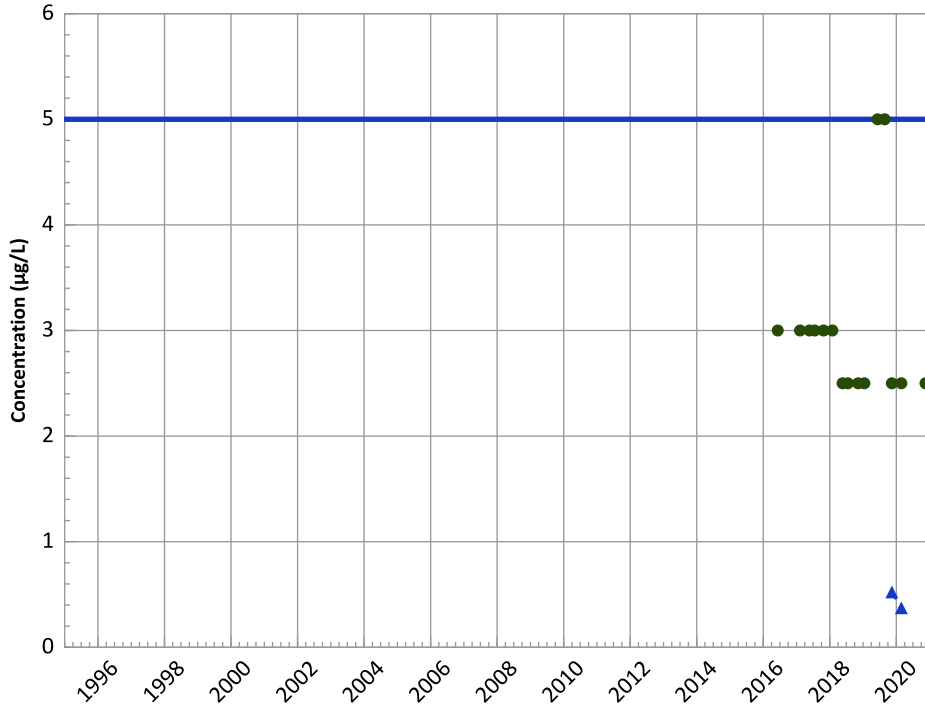
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

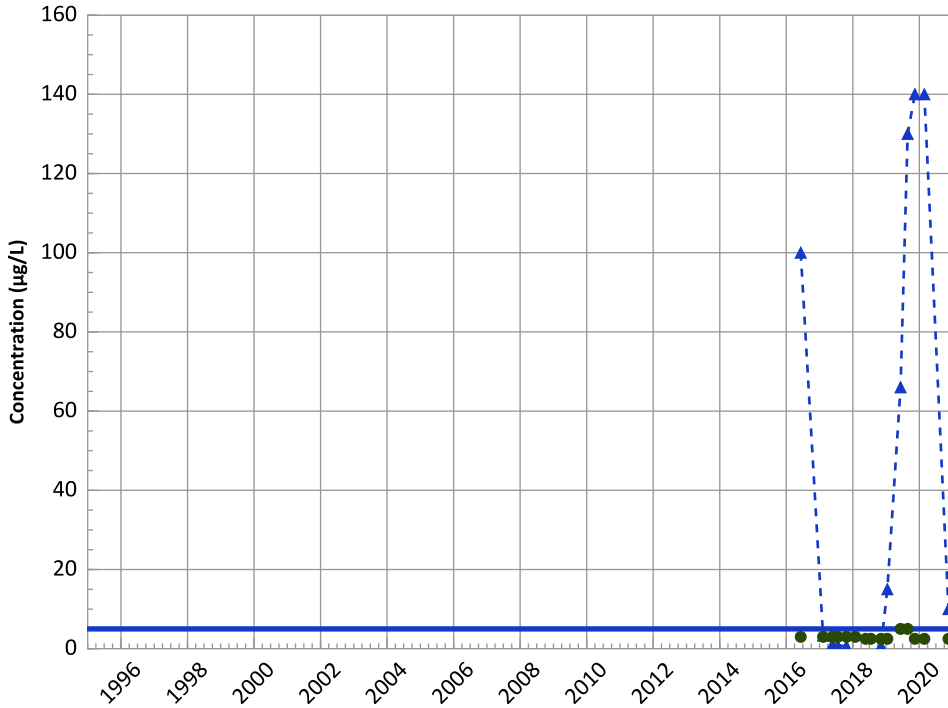


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

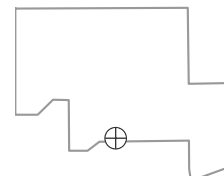
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

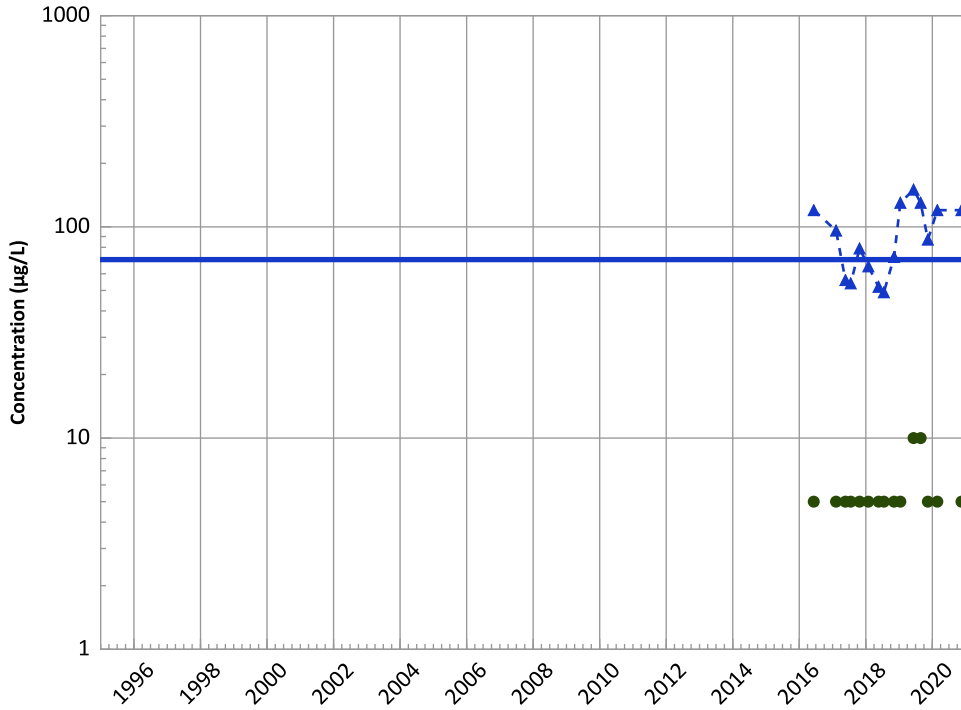
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend

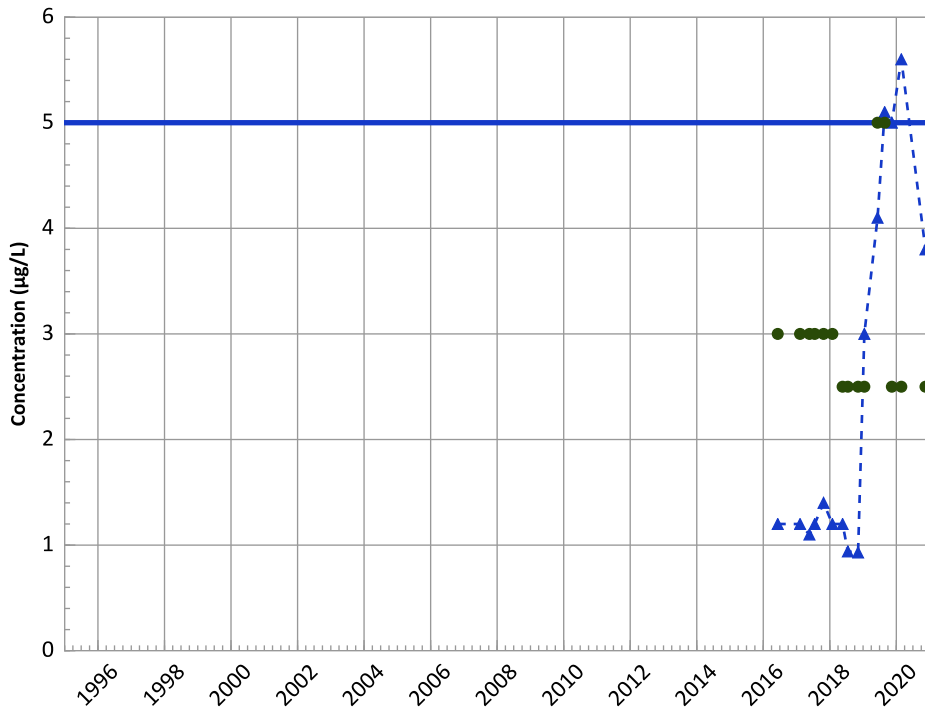


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

1,2-Dichloroethane Trend

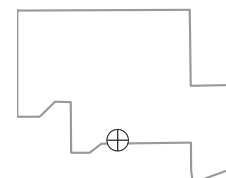


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

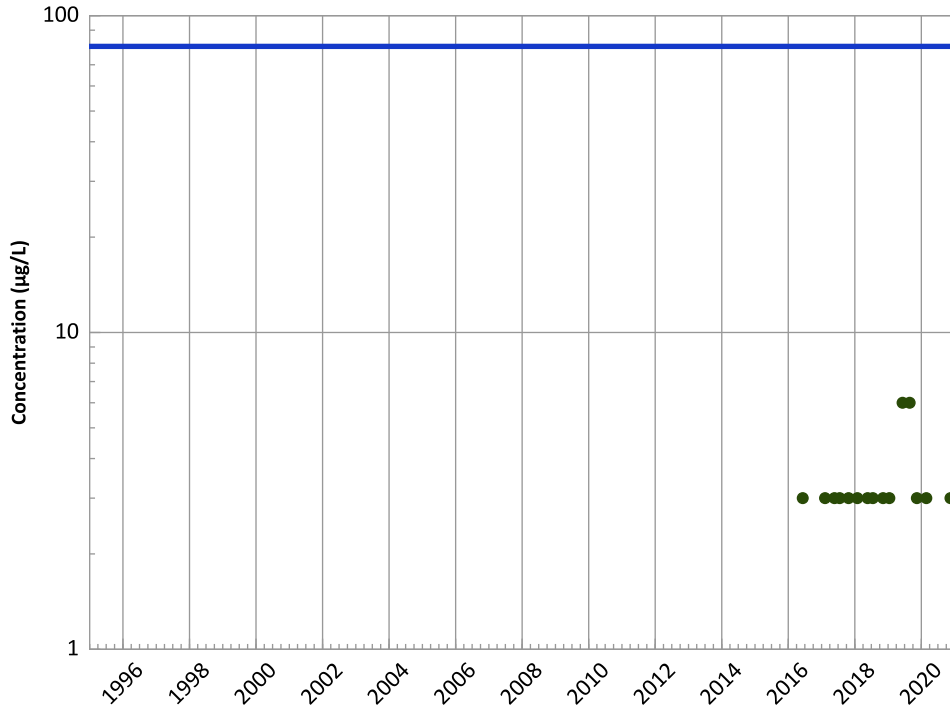
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

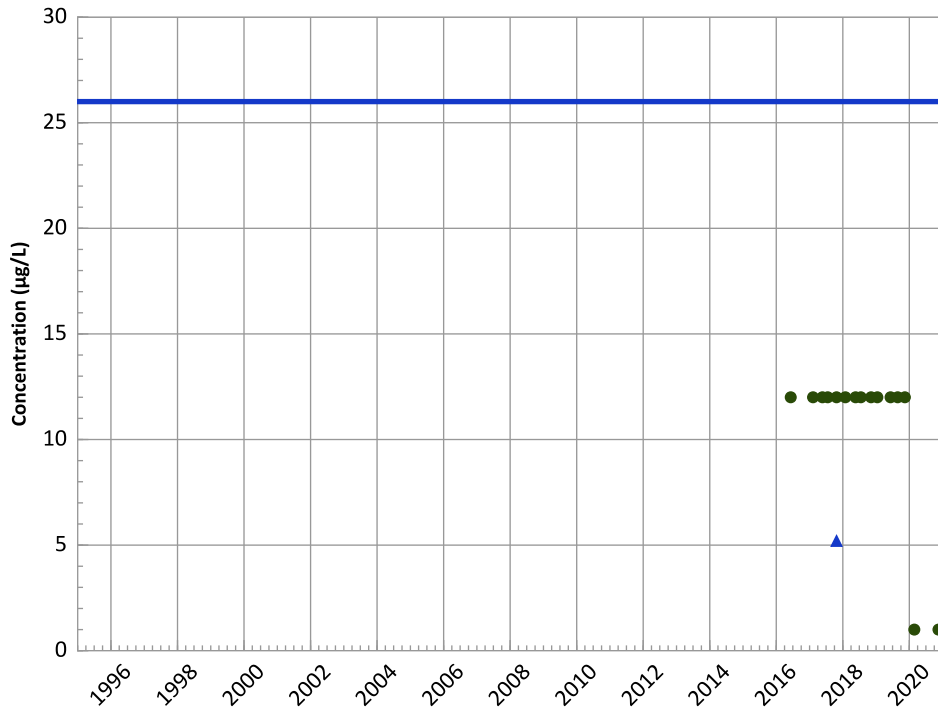


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

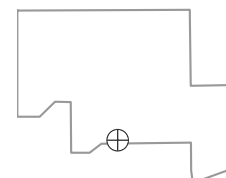


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

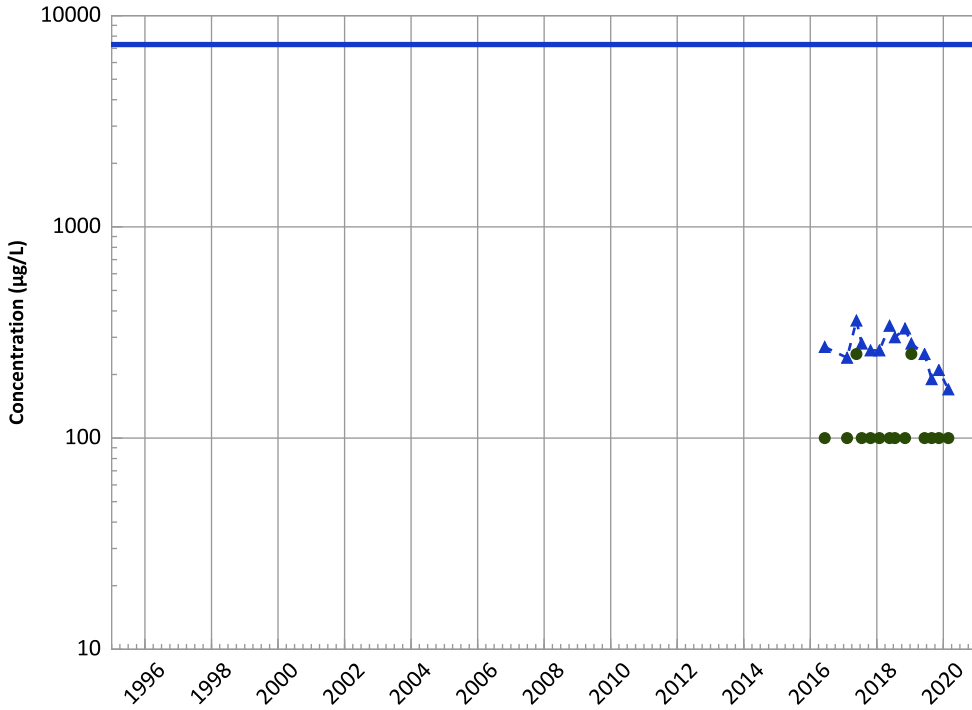
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

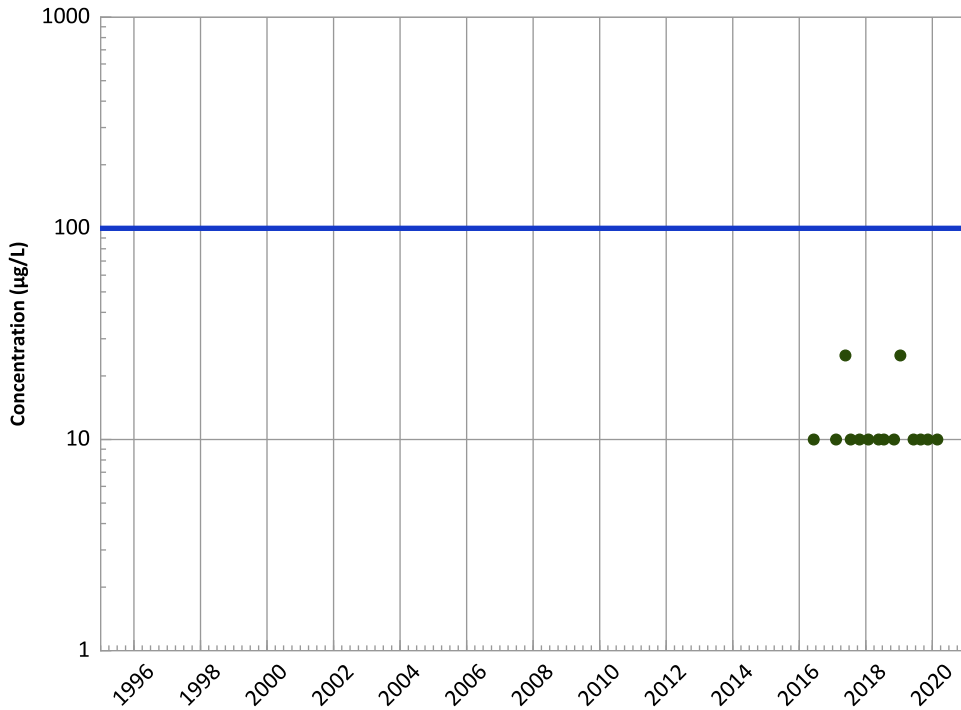
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

MAROS Linear Regression Method

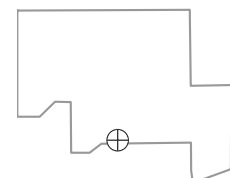
2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

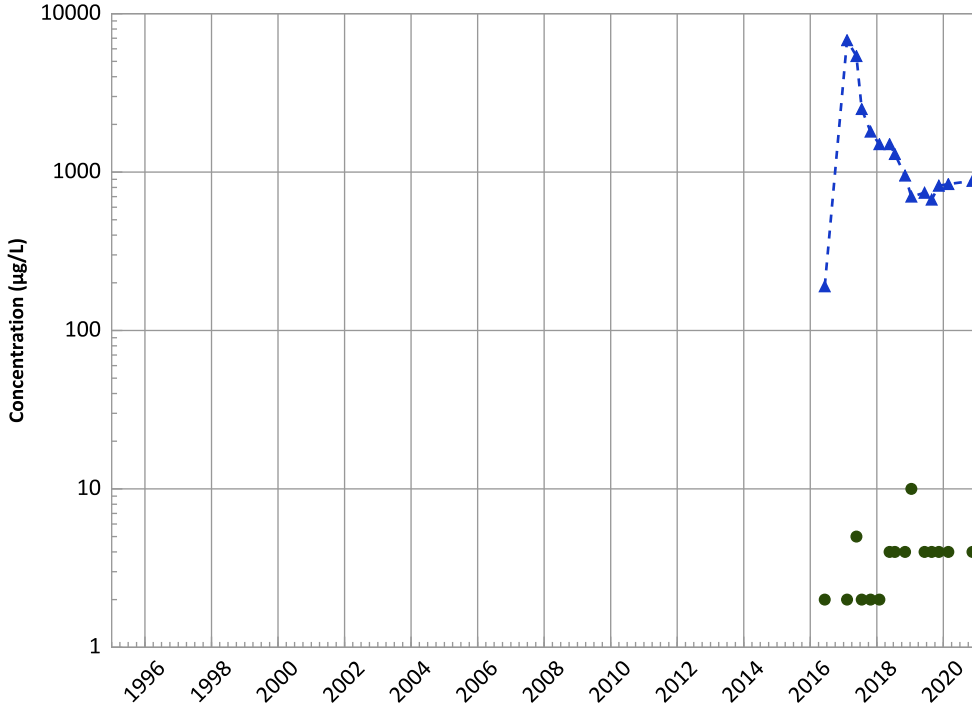
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

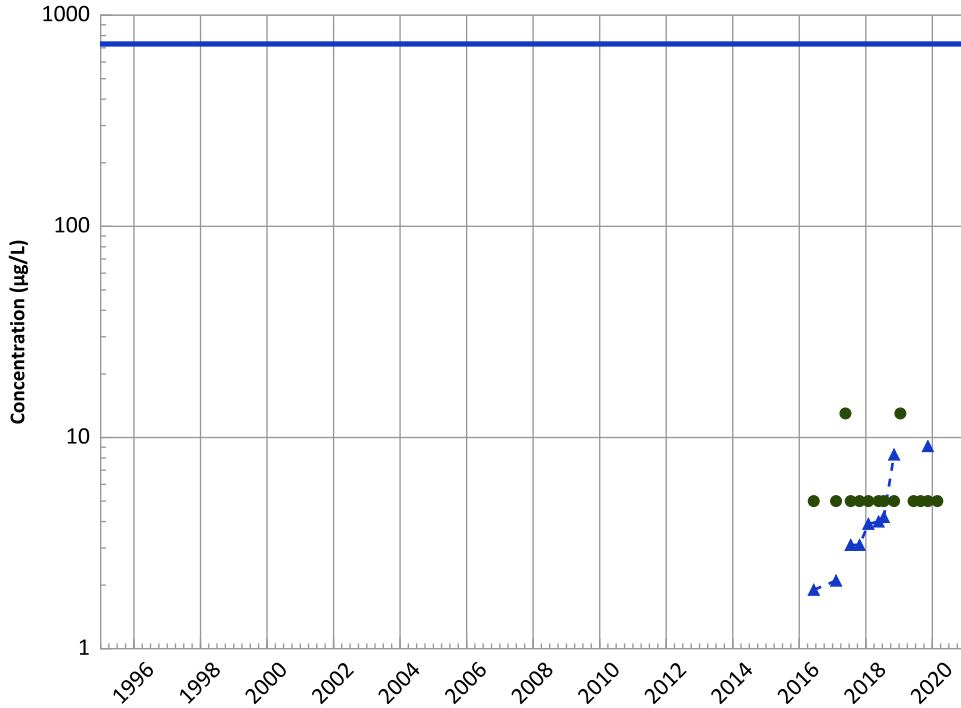
2018 - 2020 Data:

Increasing

All Data:

No Trend

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Probably Increasing

MAROS Linear Regression Method

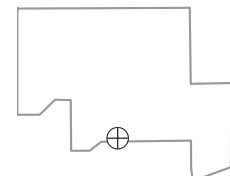
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

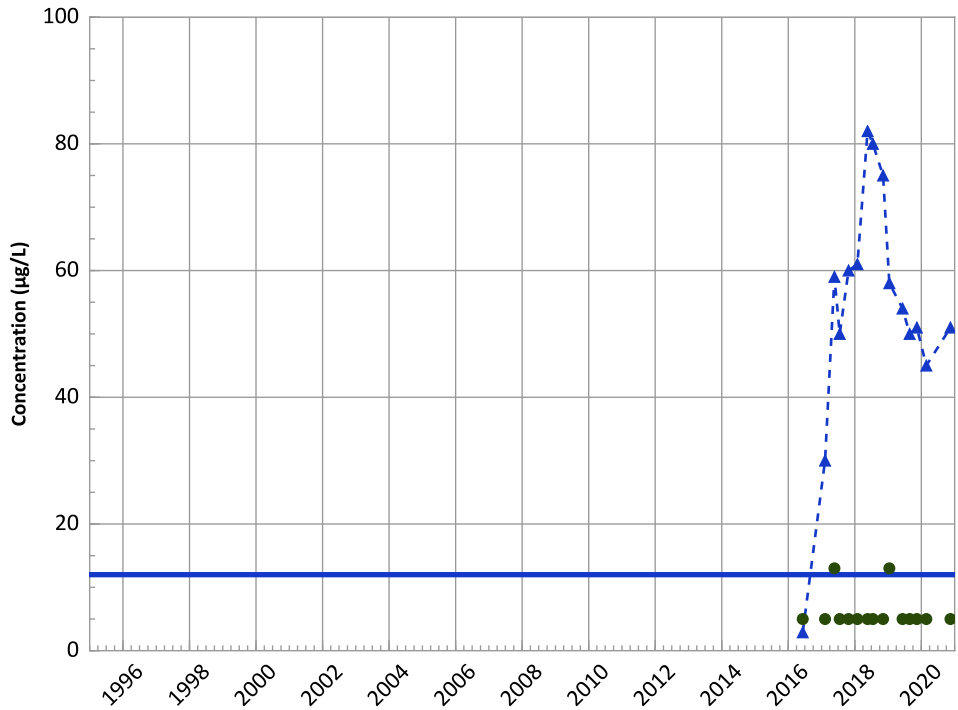


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: Decreasing
All Data: No Trend

MAROS Linear Regression Method
2018 - 2020 Data: Probably Decreasing
All Data: No Trend

Arsenic Trend



Concentration Trend

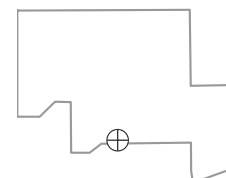
MAROS Mann-Kendall Method
2018 - 2020 Data: No Trend
All Data: Decreasing

MAROS Linear Regression Method
2018 - 2020 Data: Stable
All Data: Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

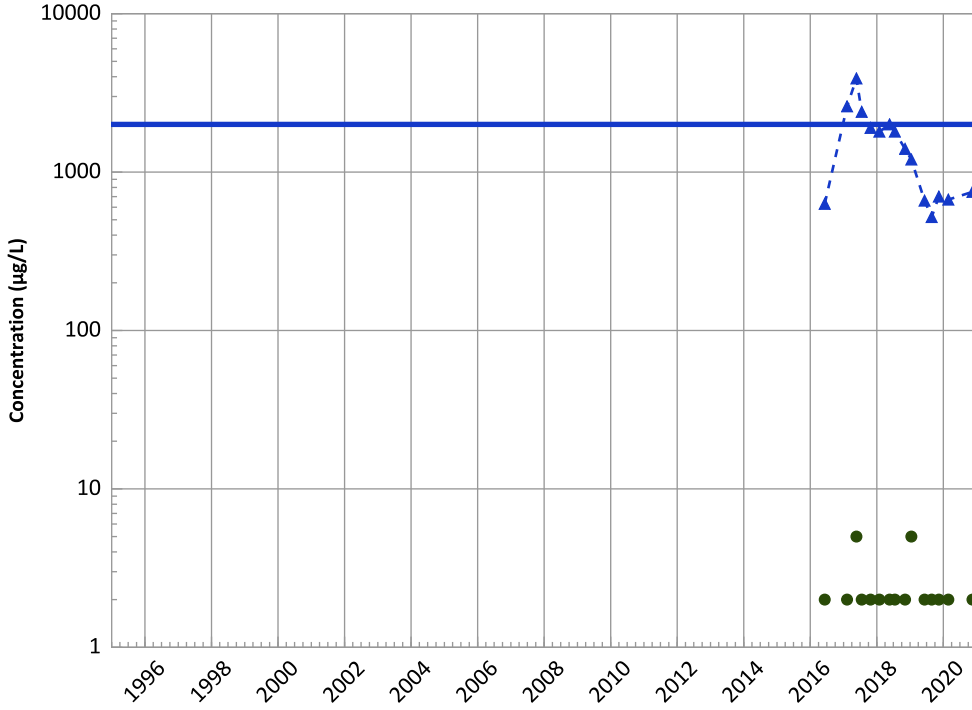
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

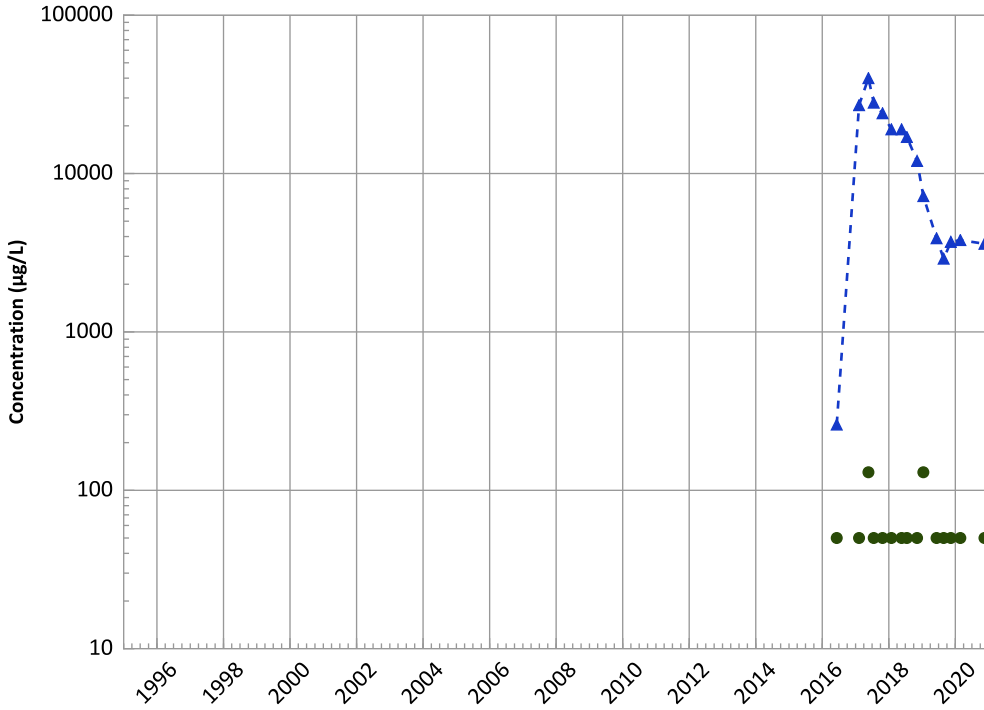
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

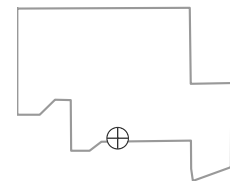
2018 - 2020 Data:

Probably Increasing

All Data:

Stable

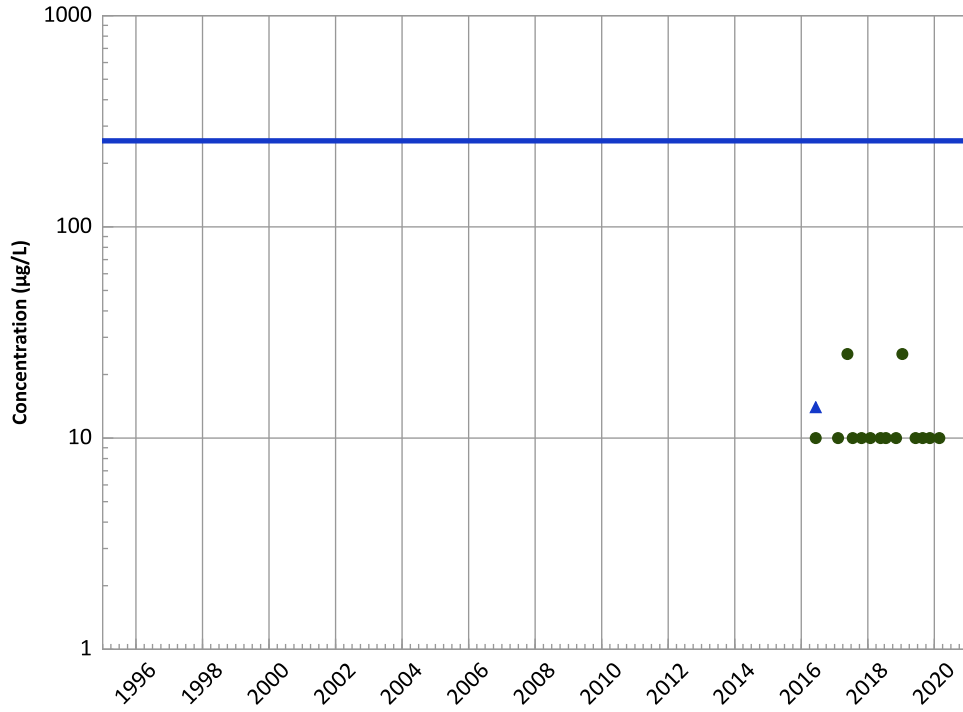
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend



Concentration Trend

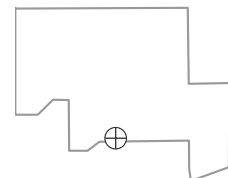
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 N/A (<4 Detections in Dataset)

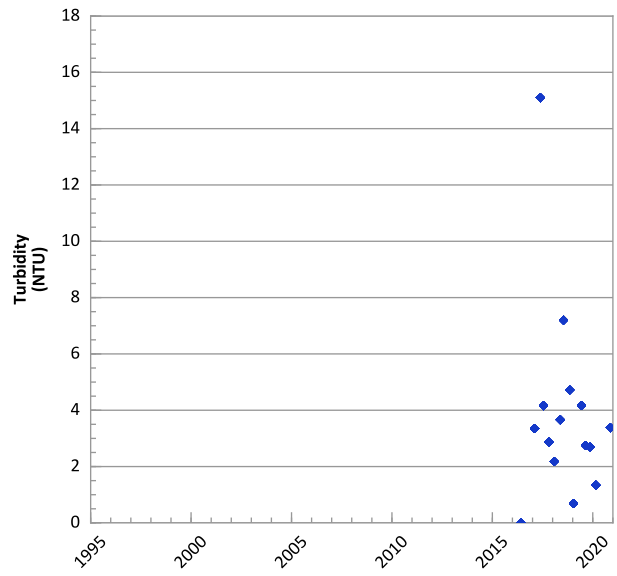
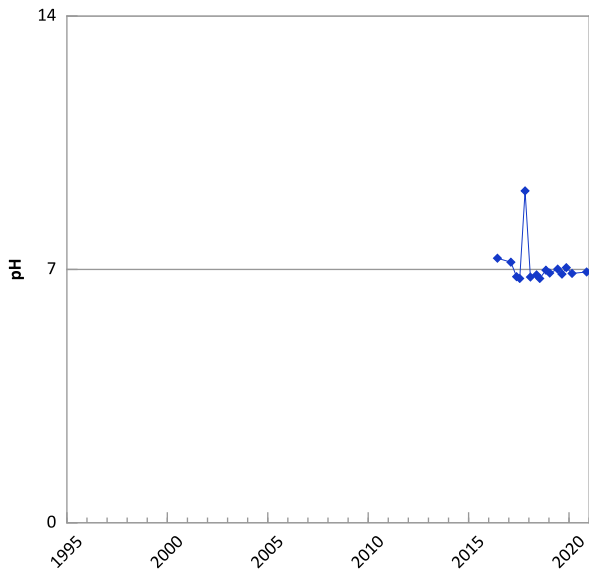
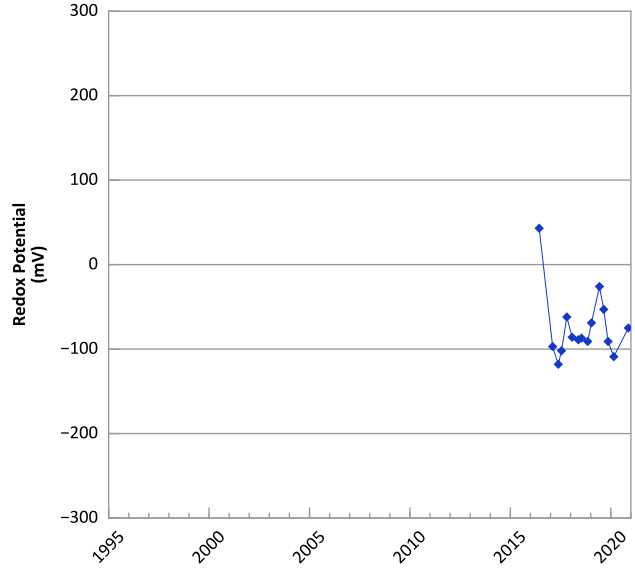
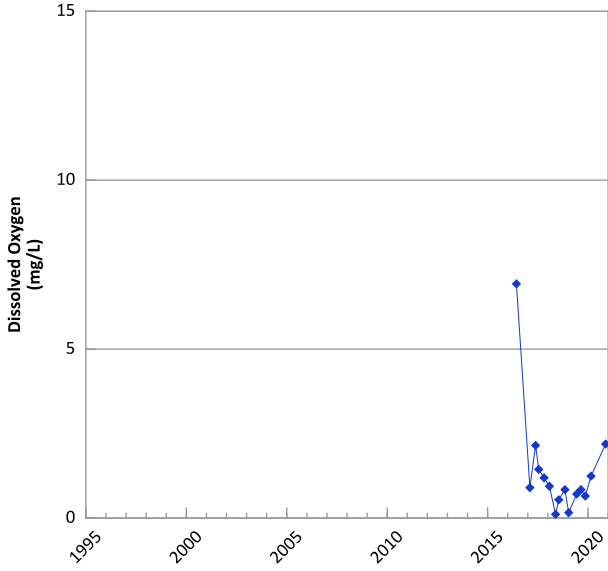
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

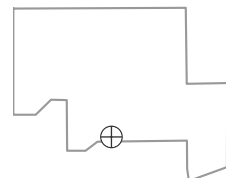


**PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



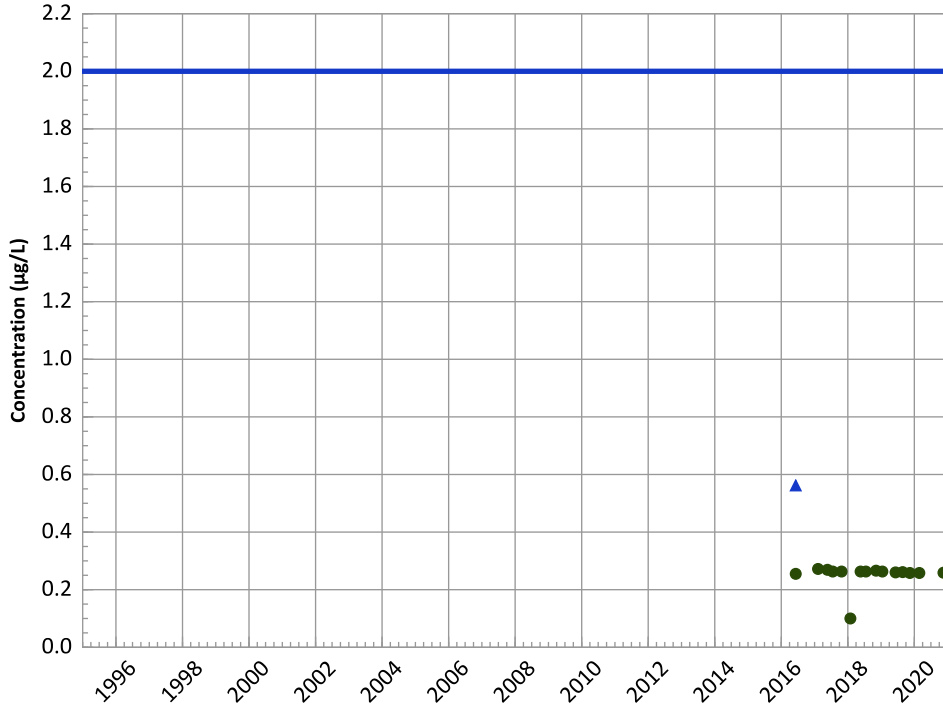
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

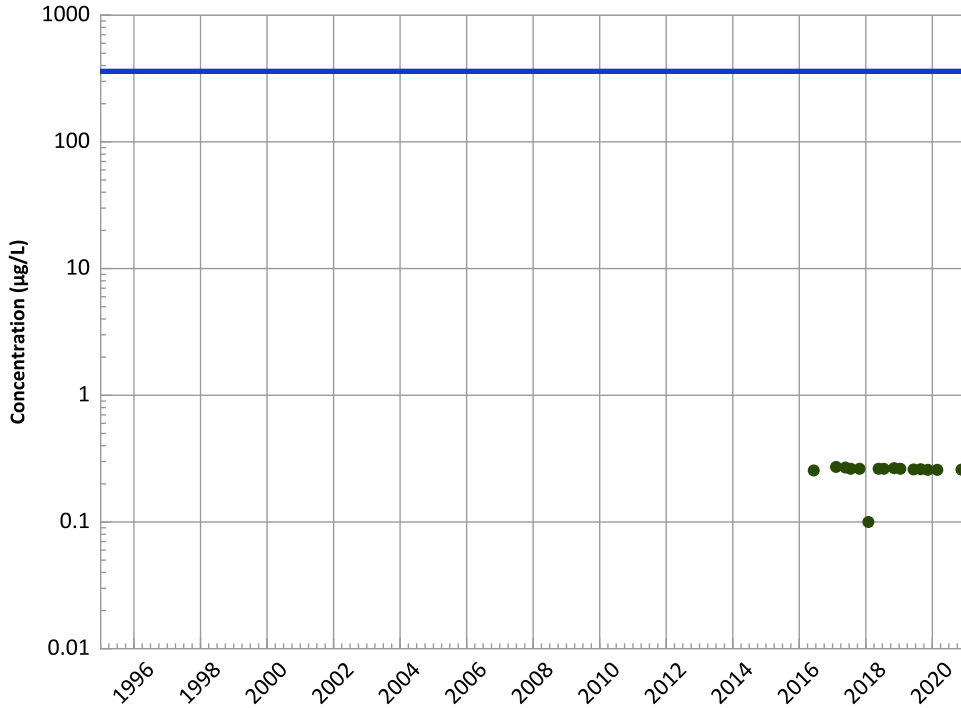
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

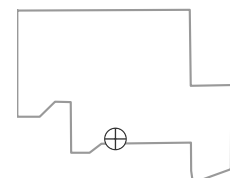
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

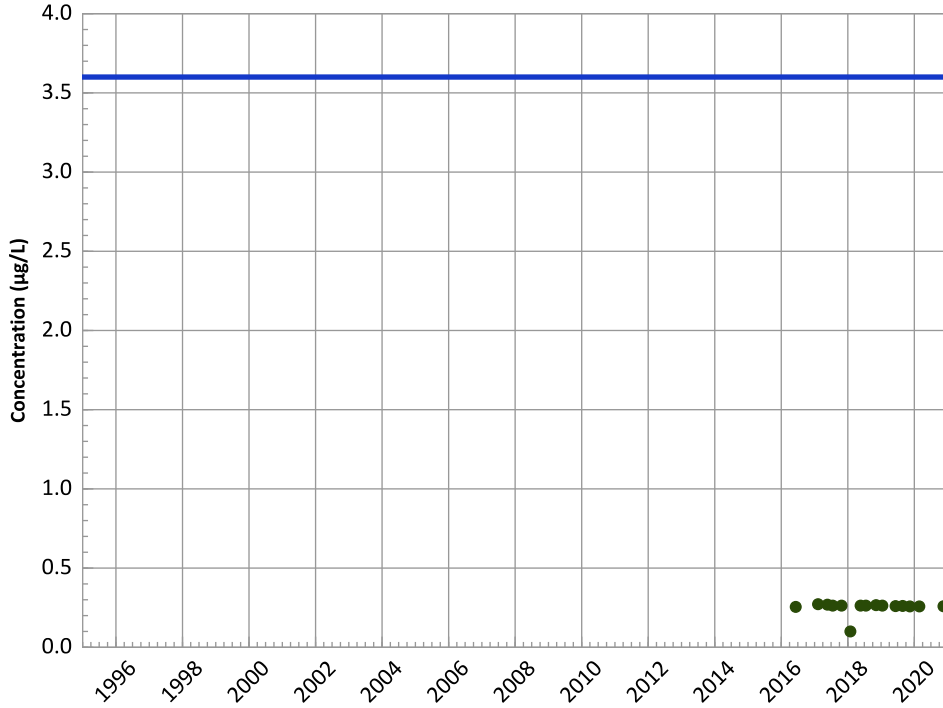


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

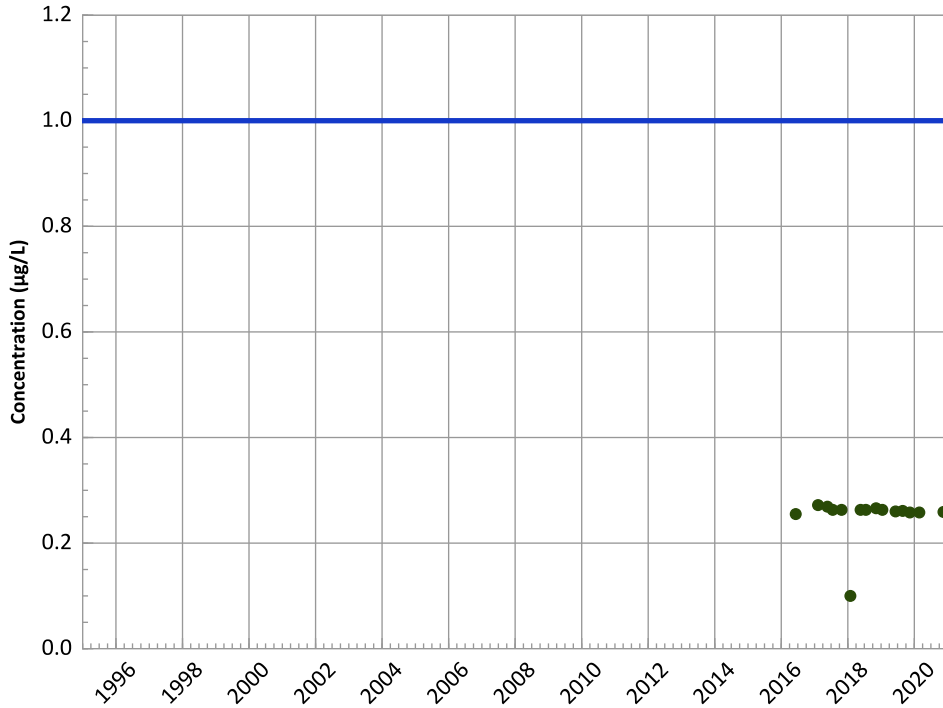
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

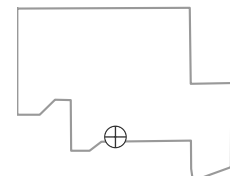
All Data:

All Non-Detect

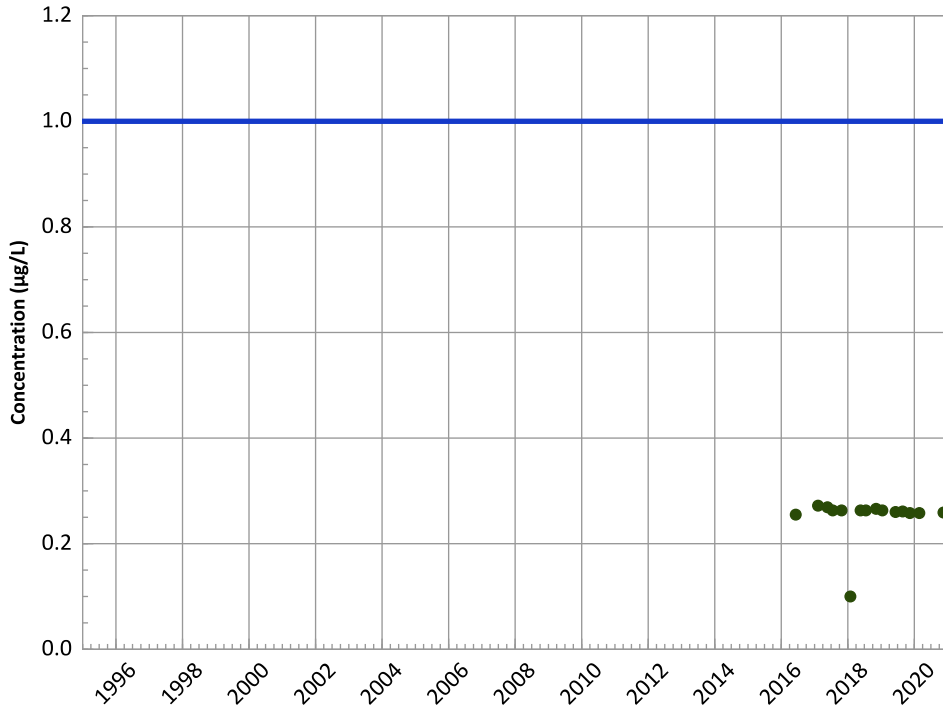
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

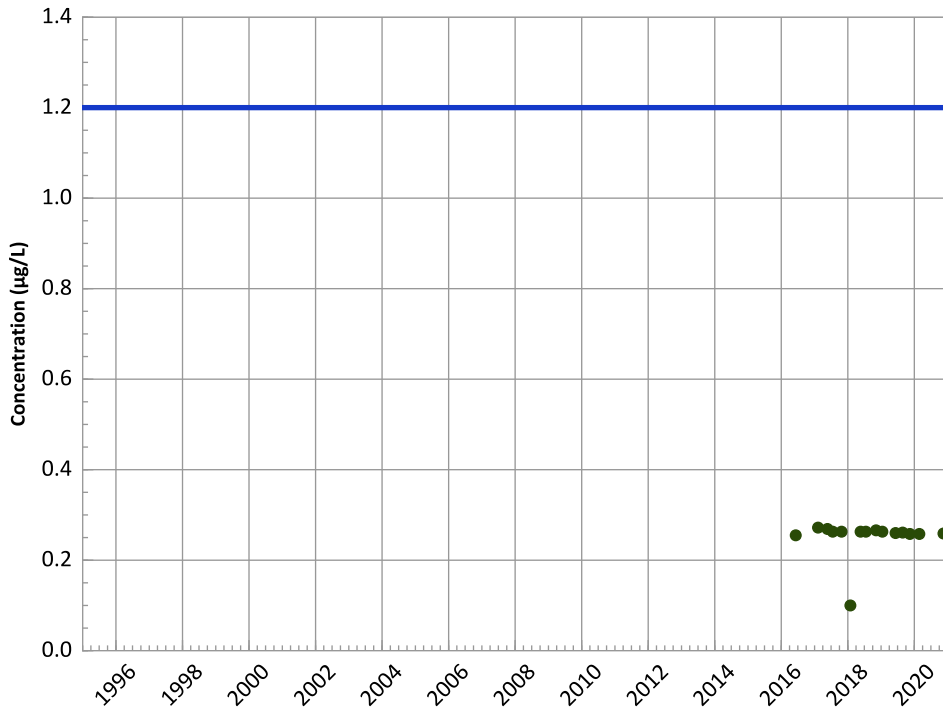
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

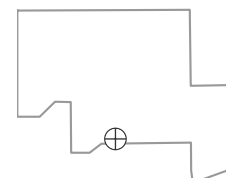
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

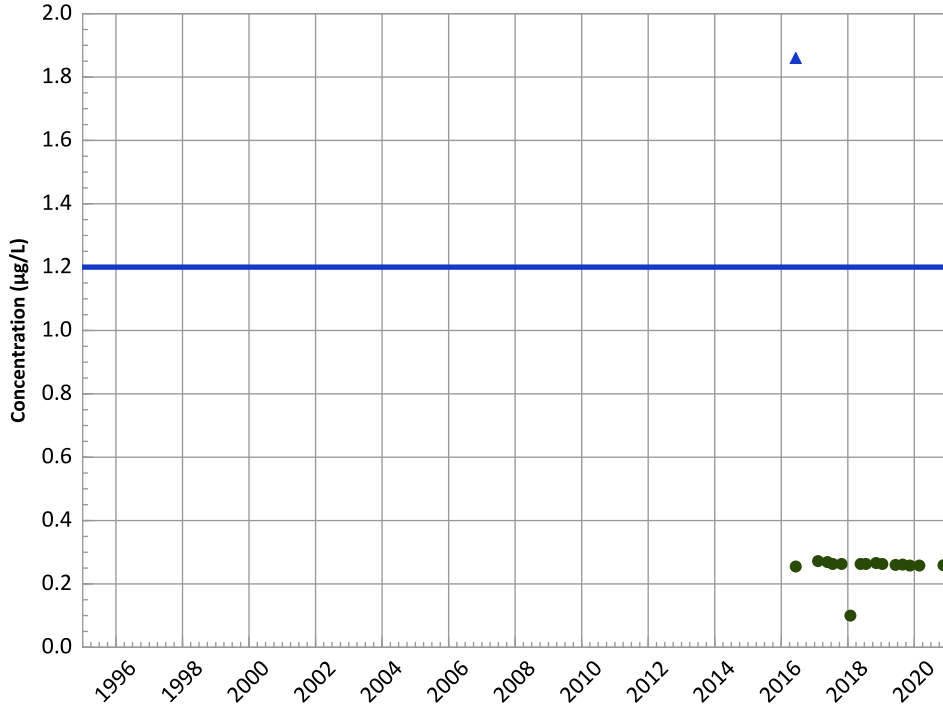


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

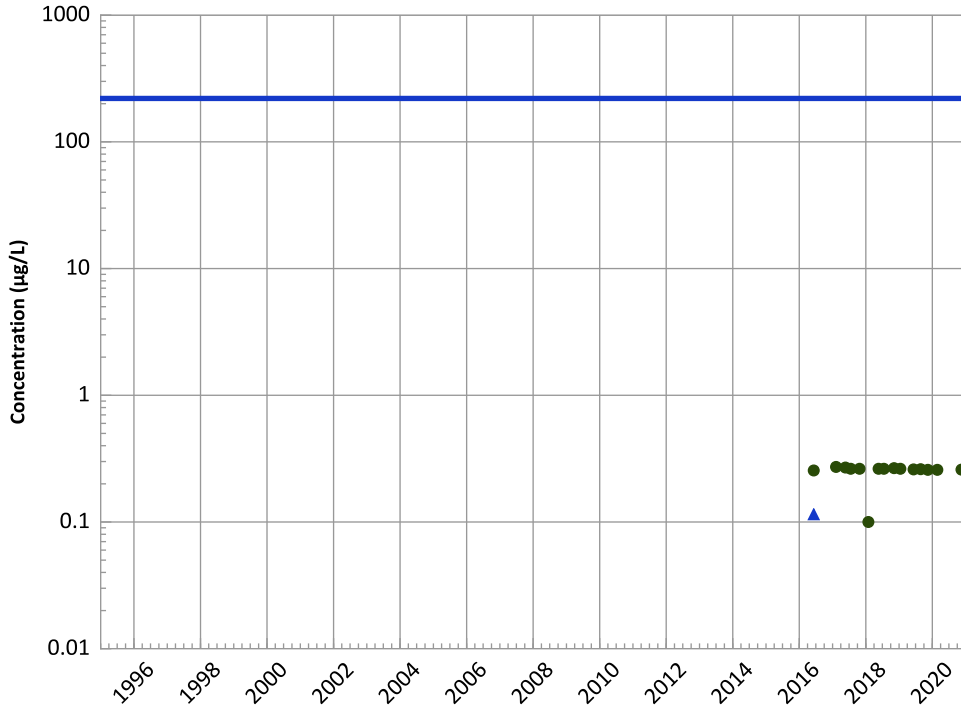
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

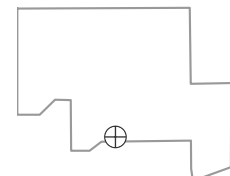
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

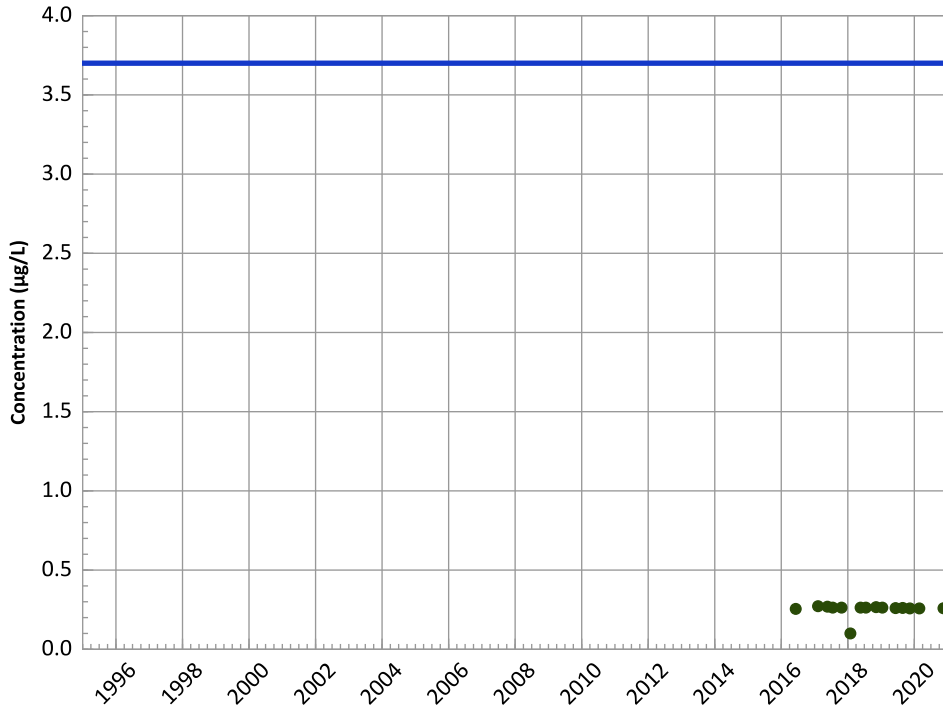


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

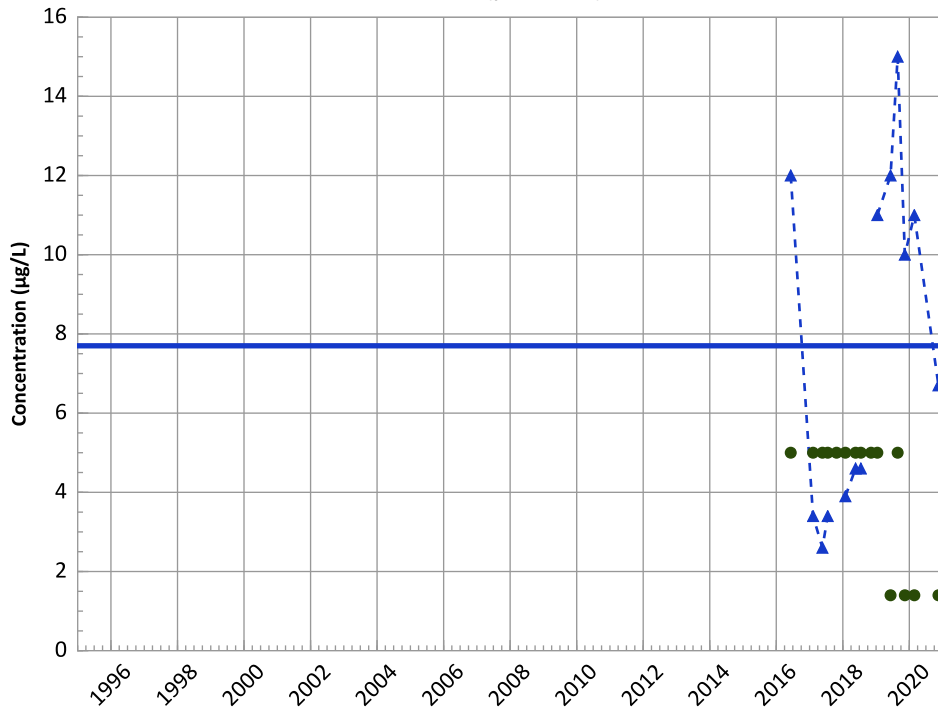
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

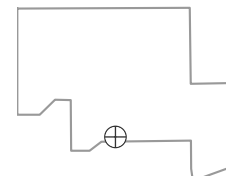
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

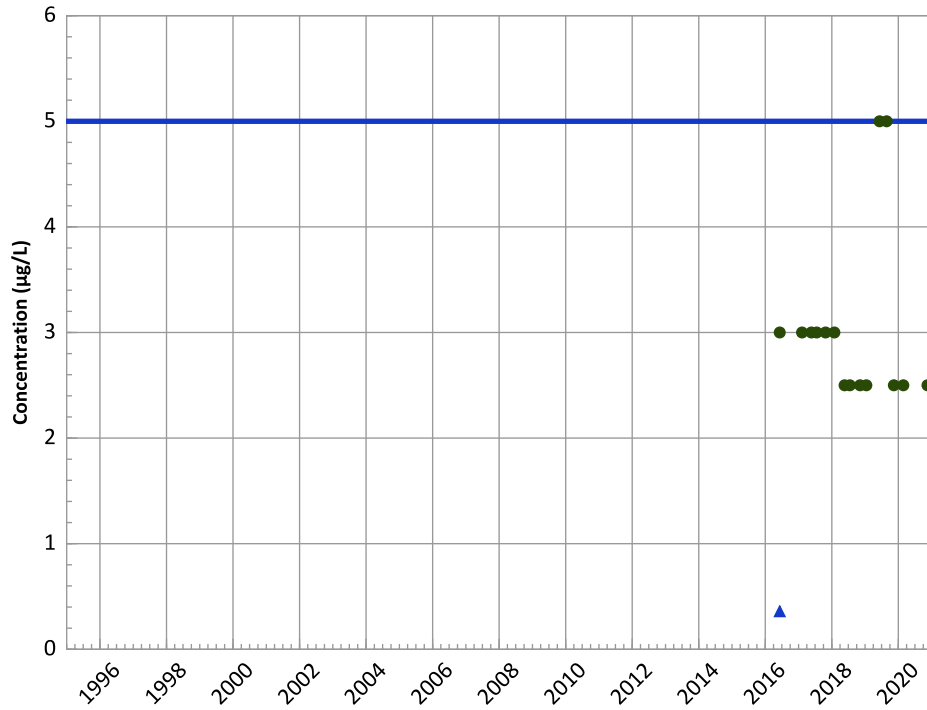
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

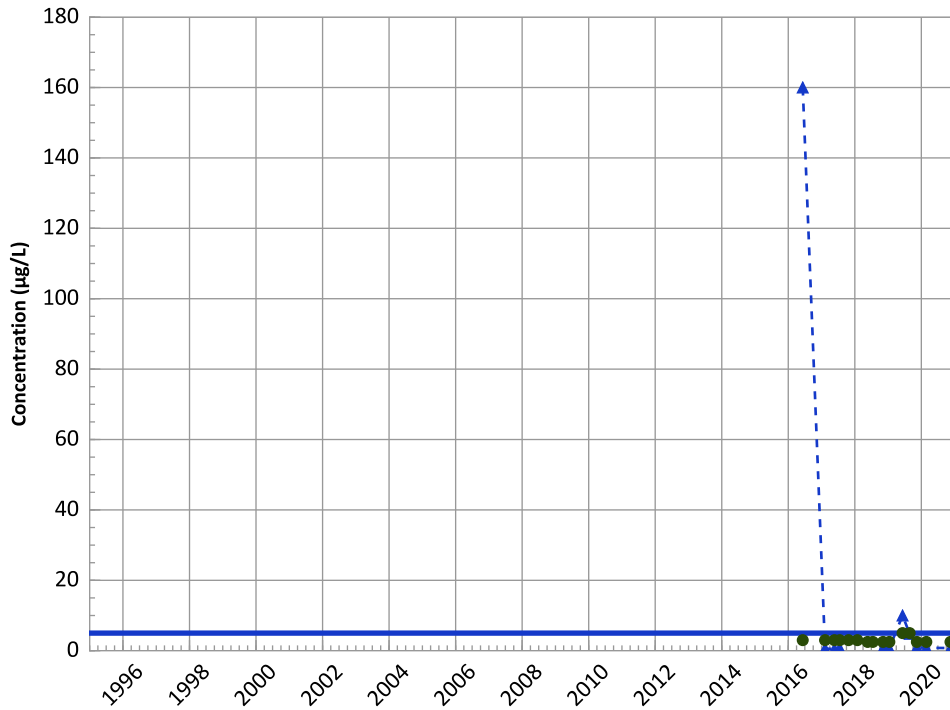


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

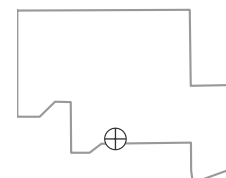
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

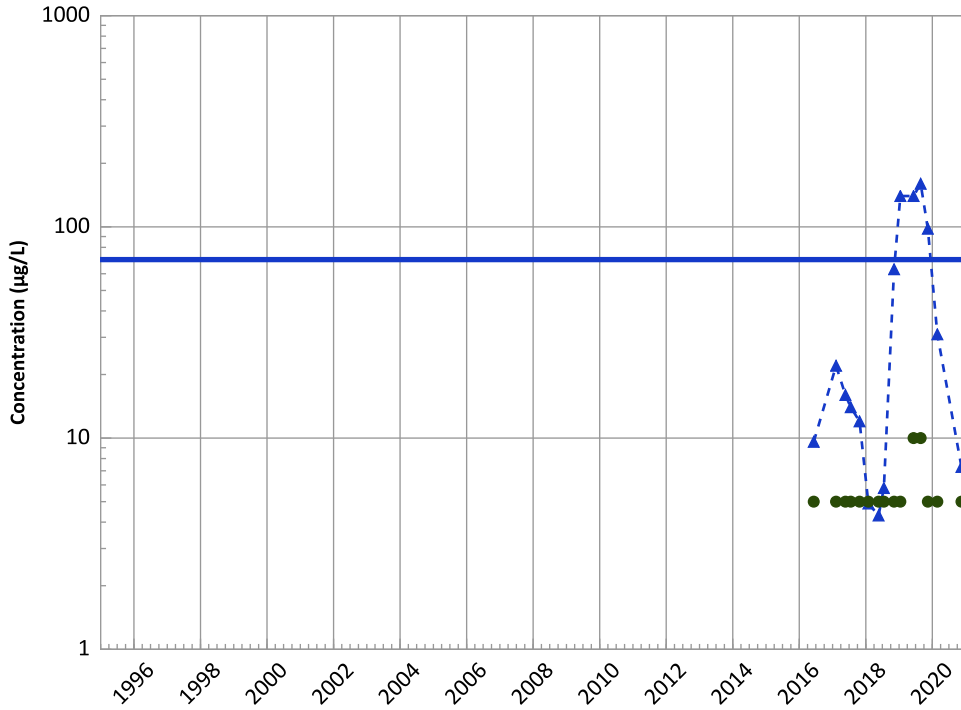
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

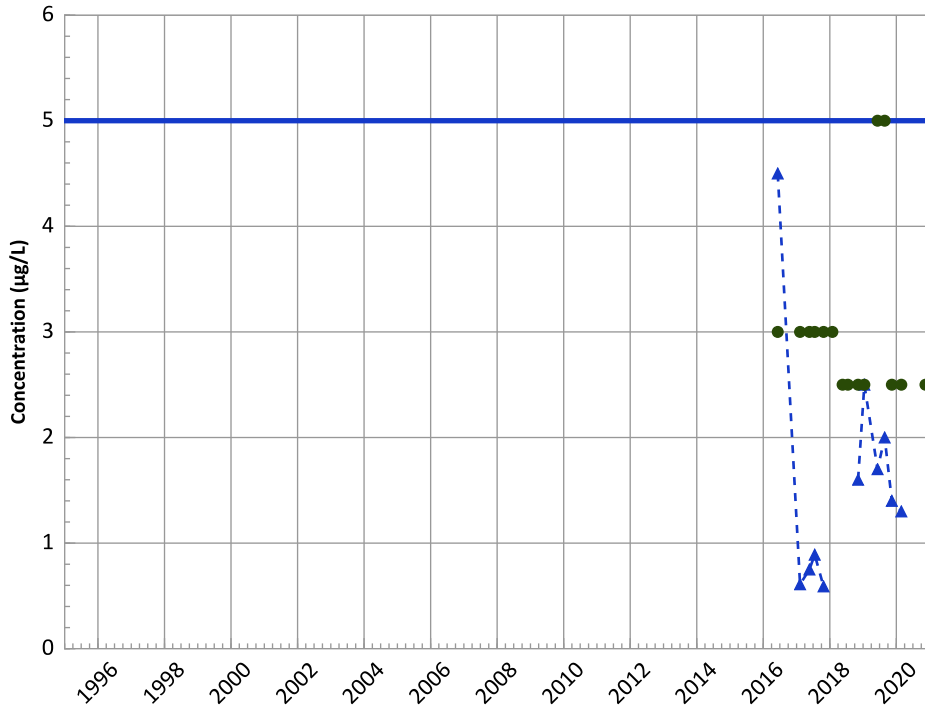
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Probably Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
No Trend

MAROS Linear Regression Method

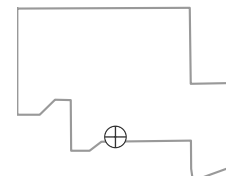
2018 - 2020 Data:
Stable

All Data:
No Trend

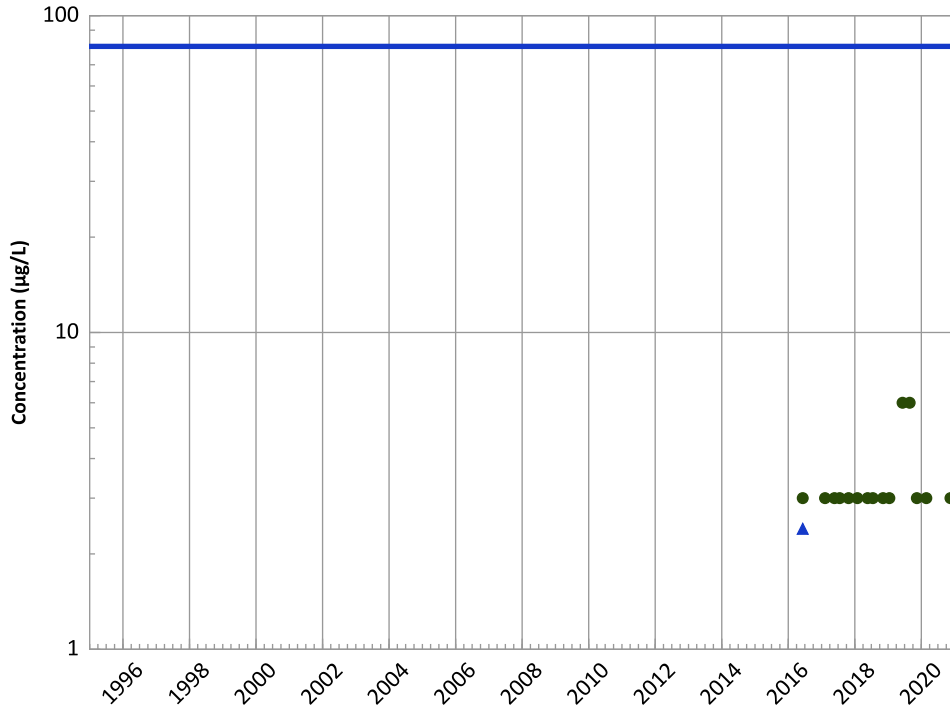
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

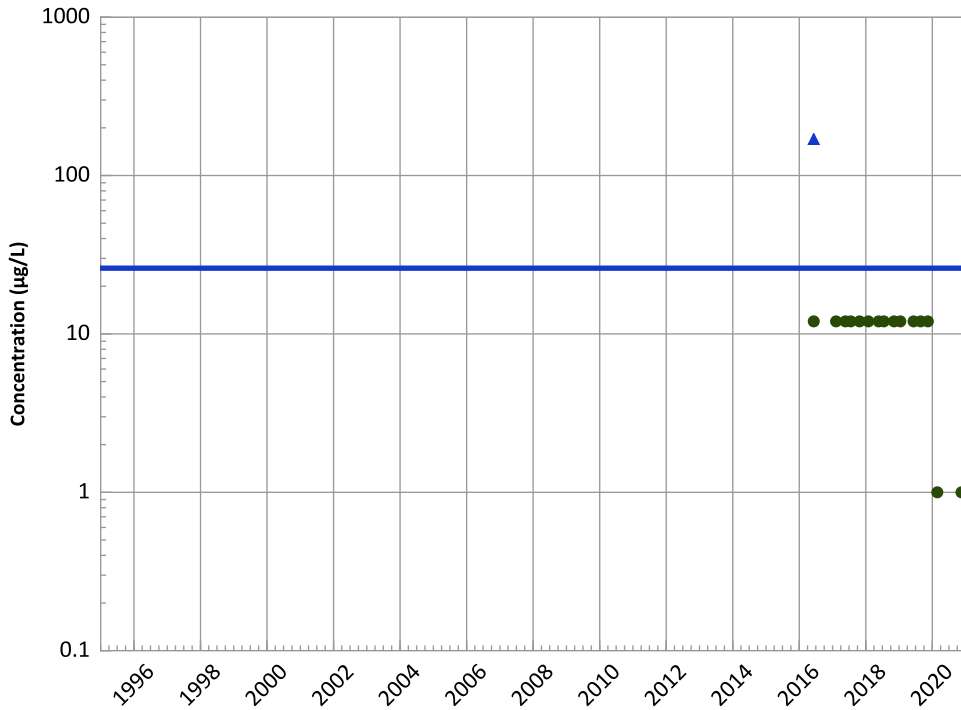


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend

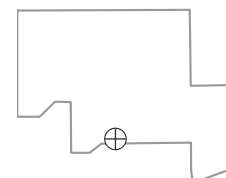


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

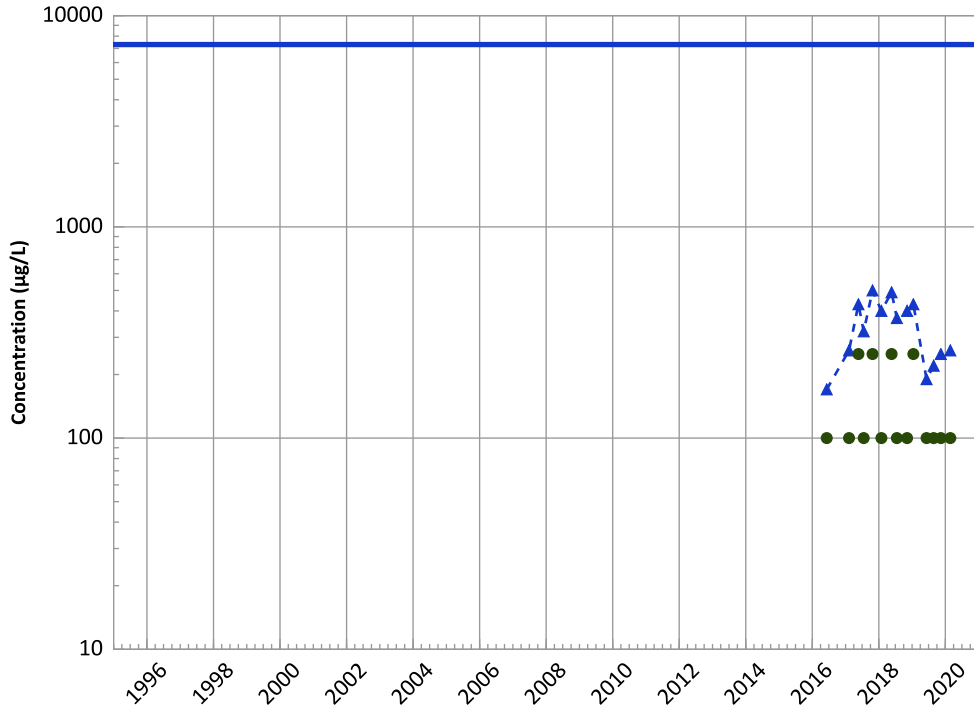
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

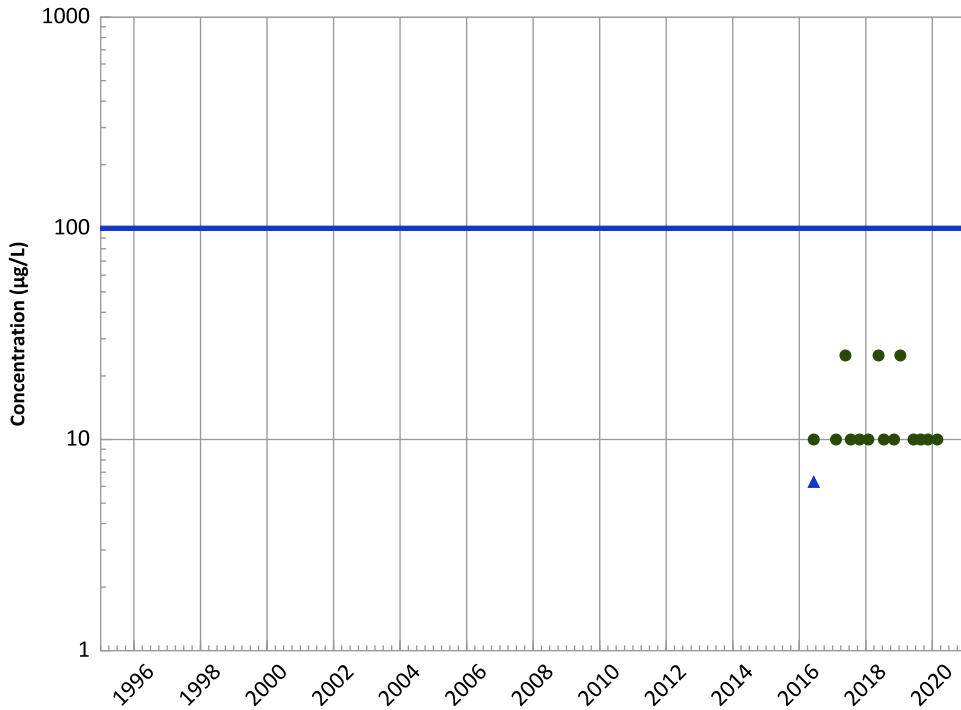
2018 - 2020 Data:

Increasing

All Data:

Stable

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

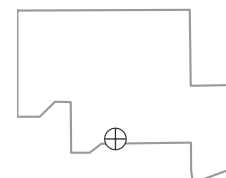
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

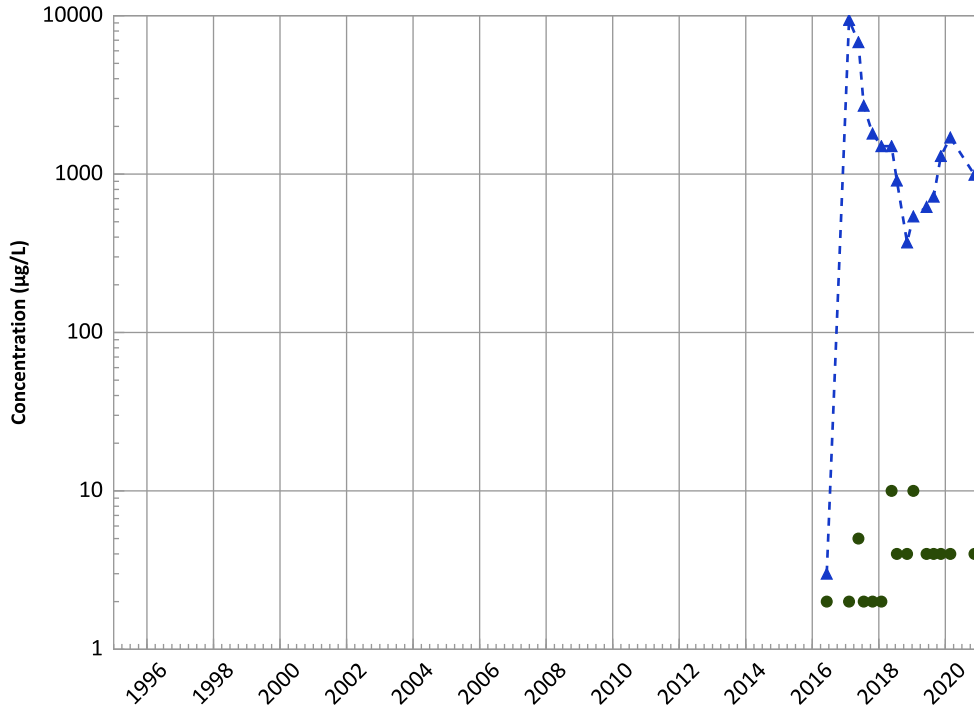


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

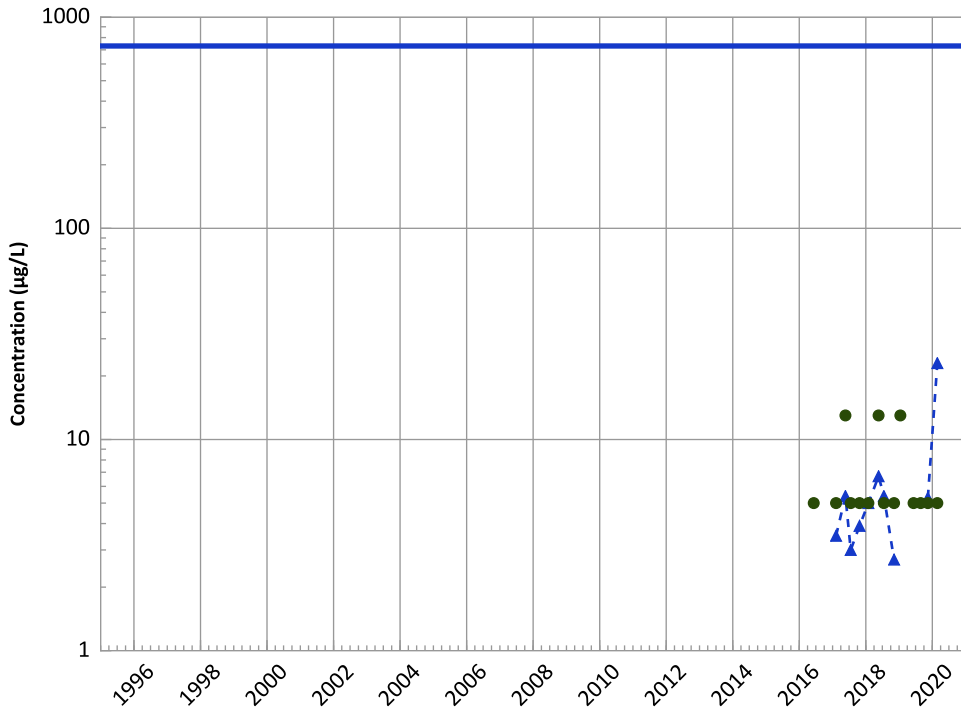
2018 - 2020 Data:

No Trend

All Data:

No Trend

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

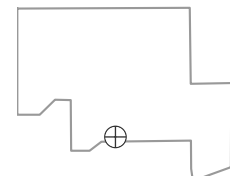
2018 - 2020 Data:

No Trend

All Data:

Increasing

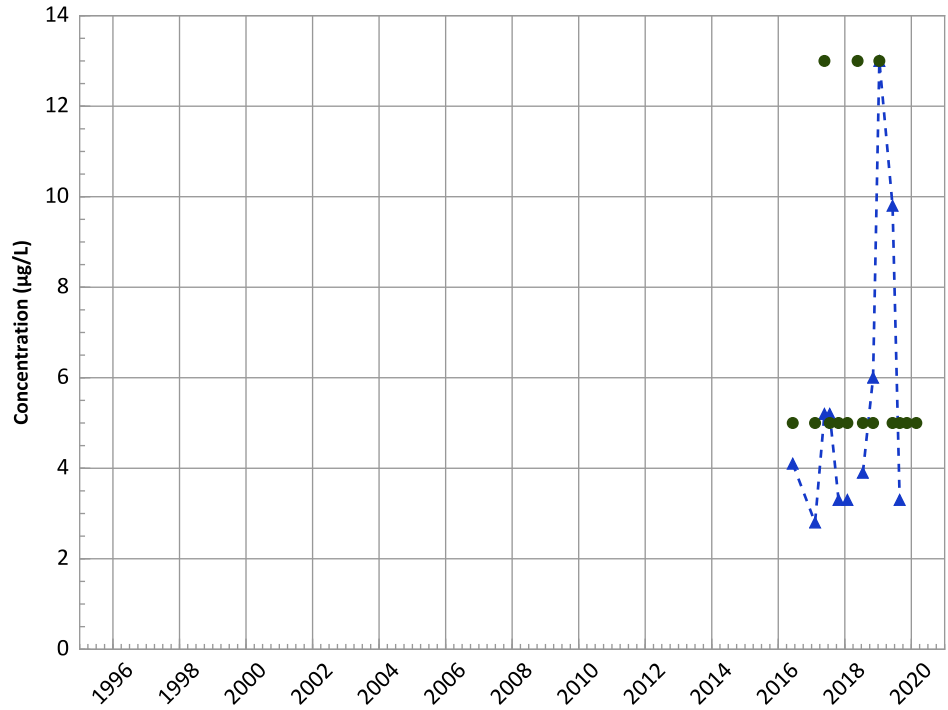
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

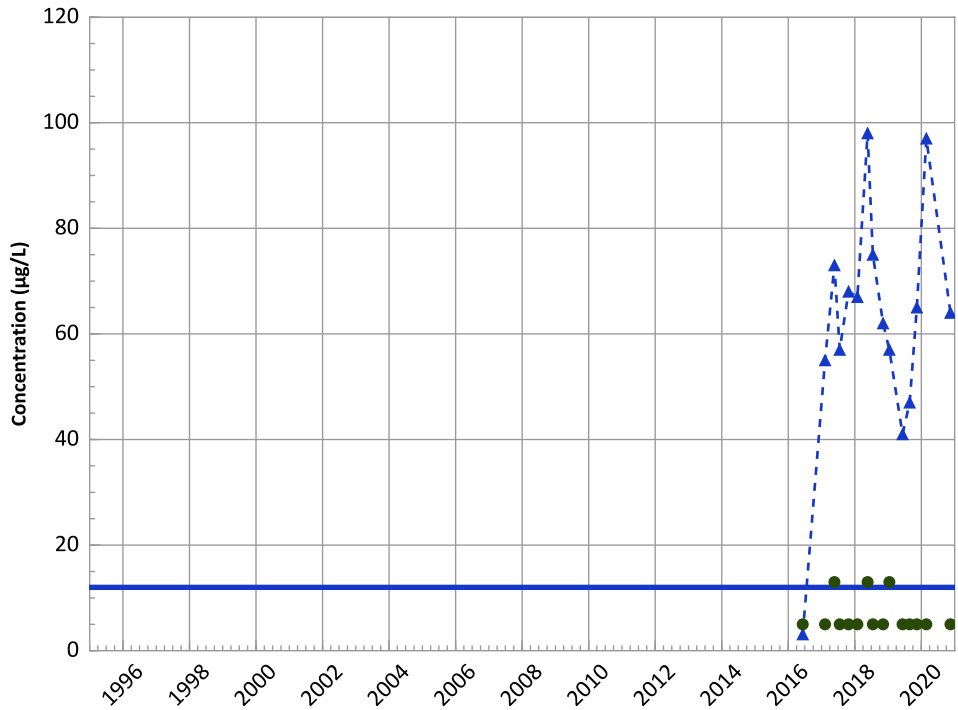


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

Arsenic Trend



Concentration Trend

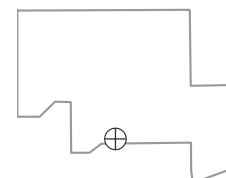
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

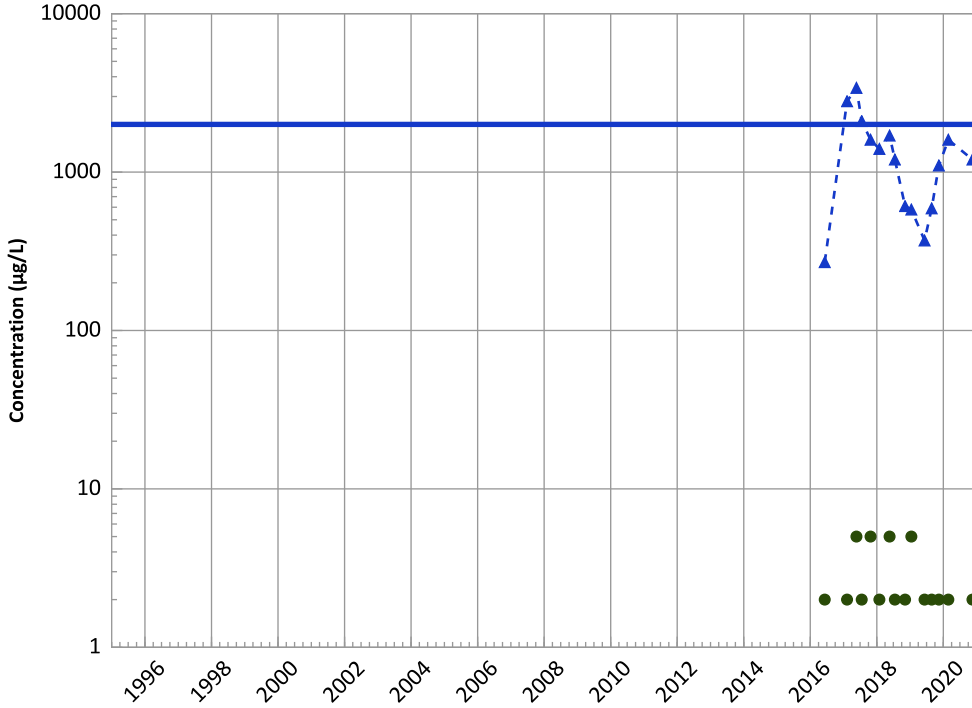
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

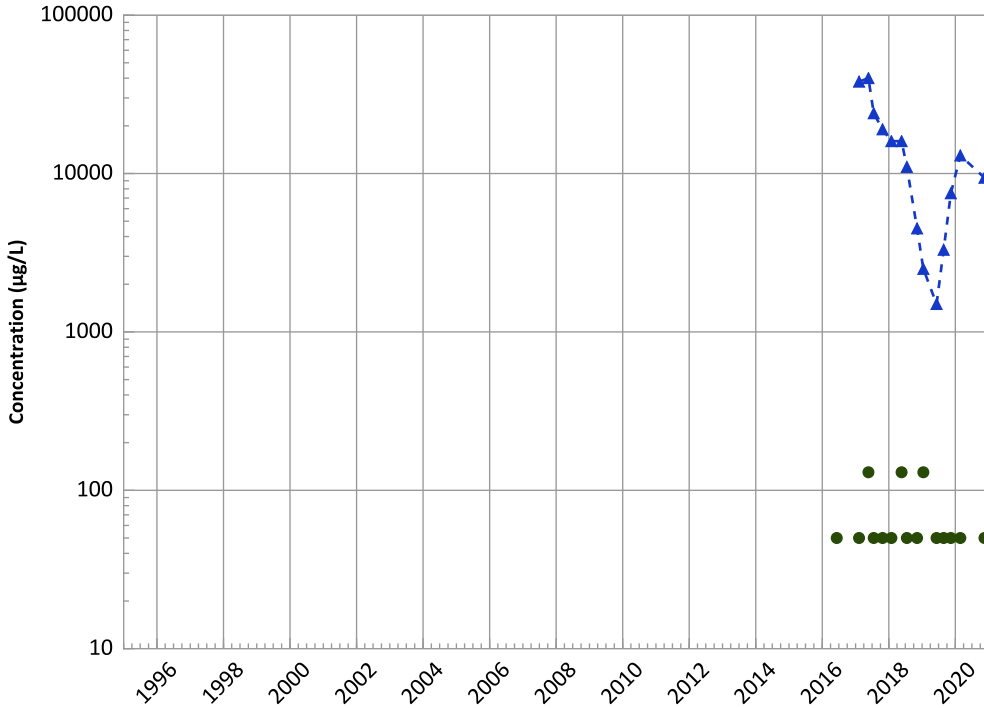
2018 - 2020 Data:

Increasing

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

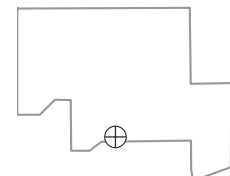
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

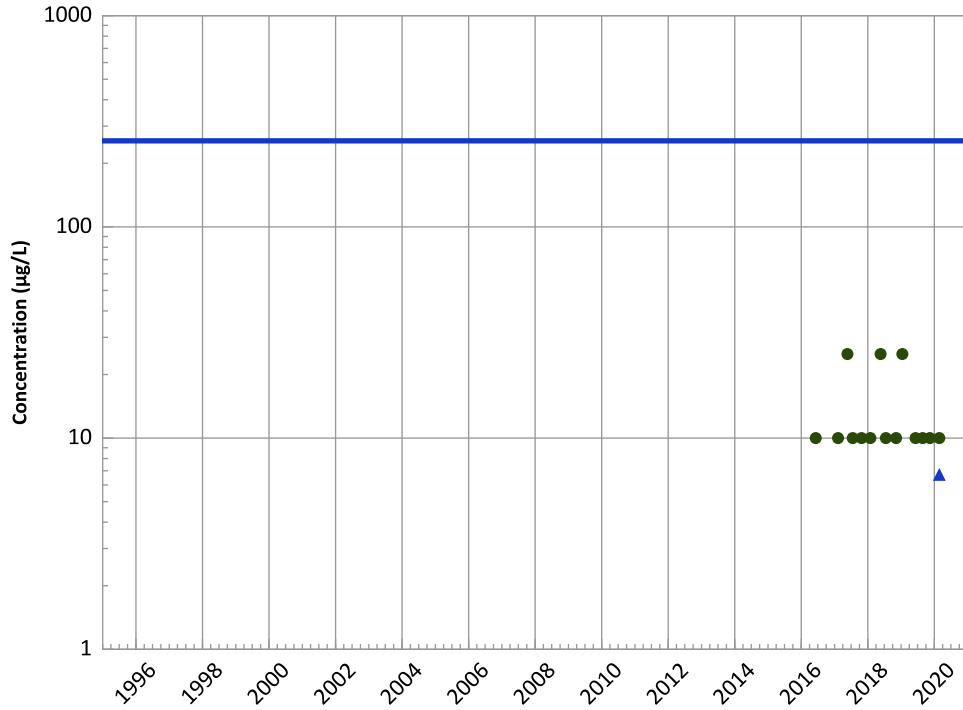
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend



Concentration Trend

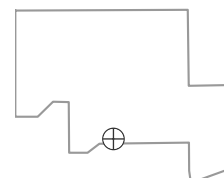
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 N/A (<4 Detections in Dataset)

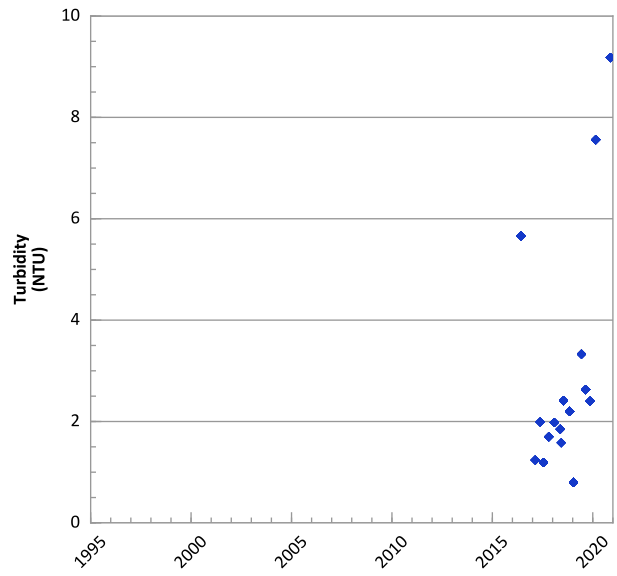
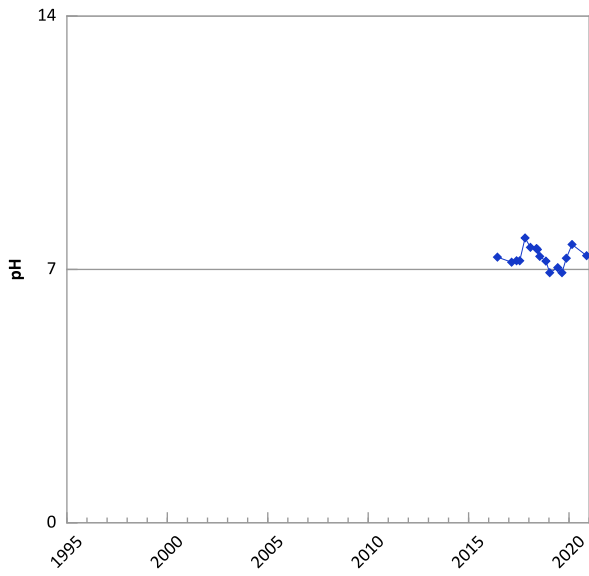
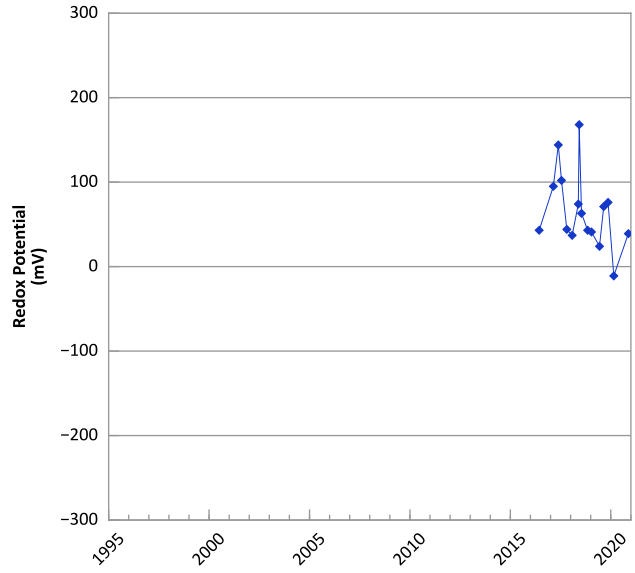
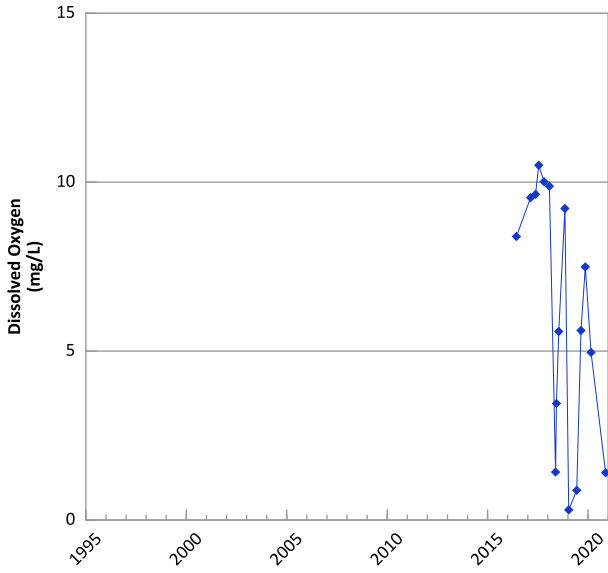
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

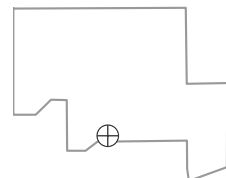


**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



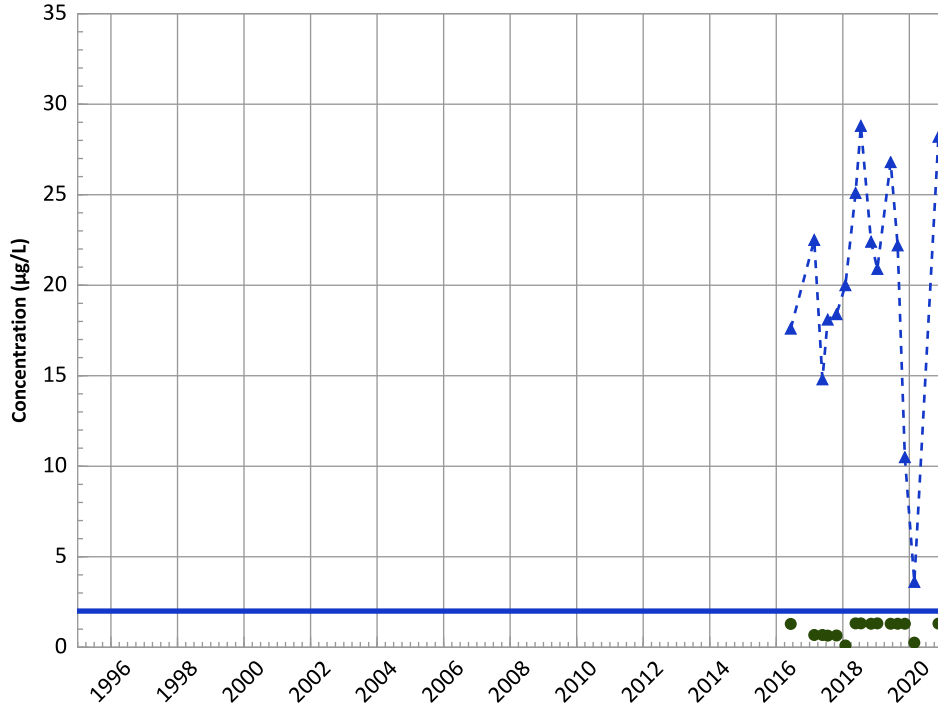
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

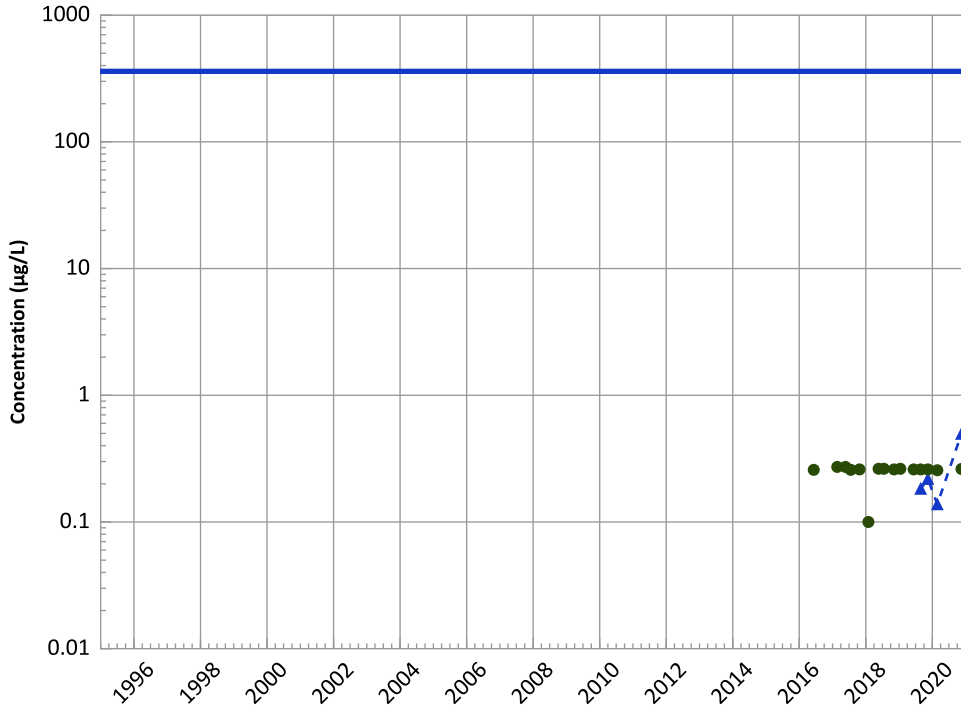


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

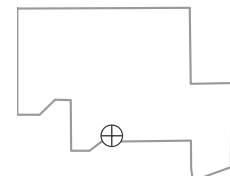


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Well Location

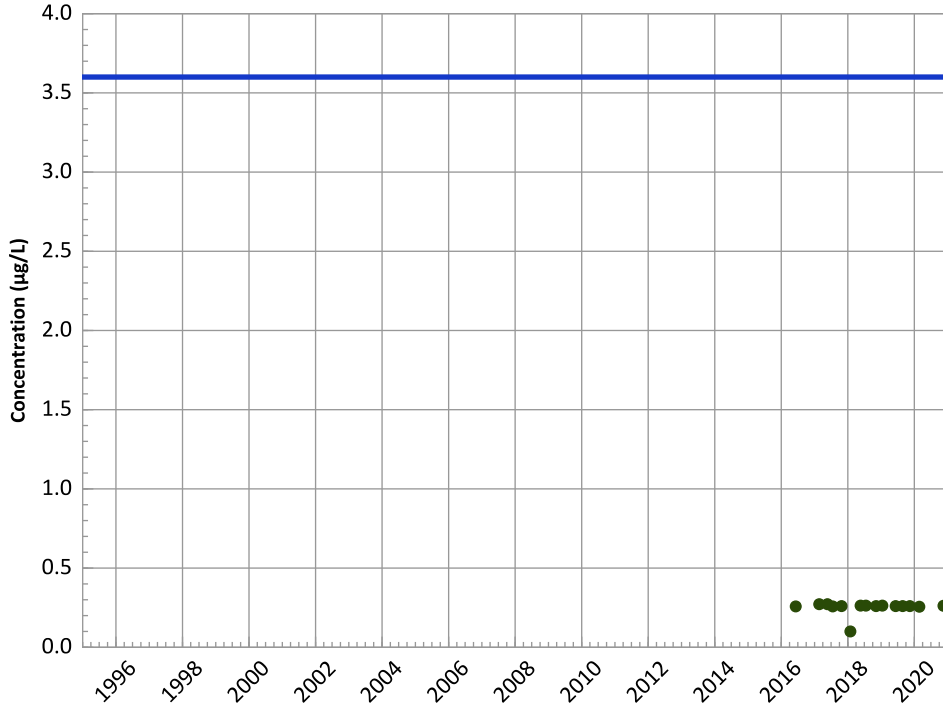


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

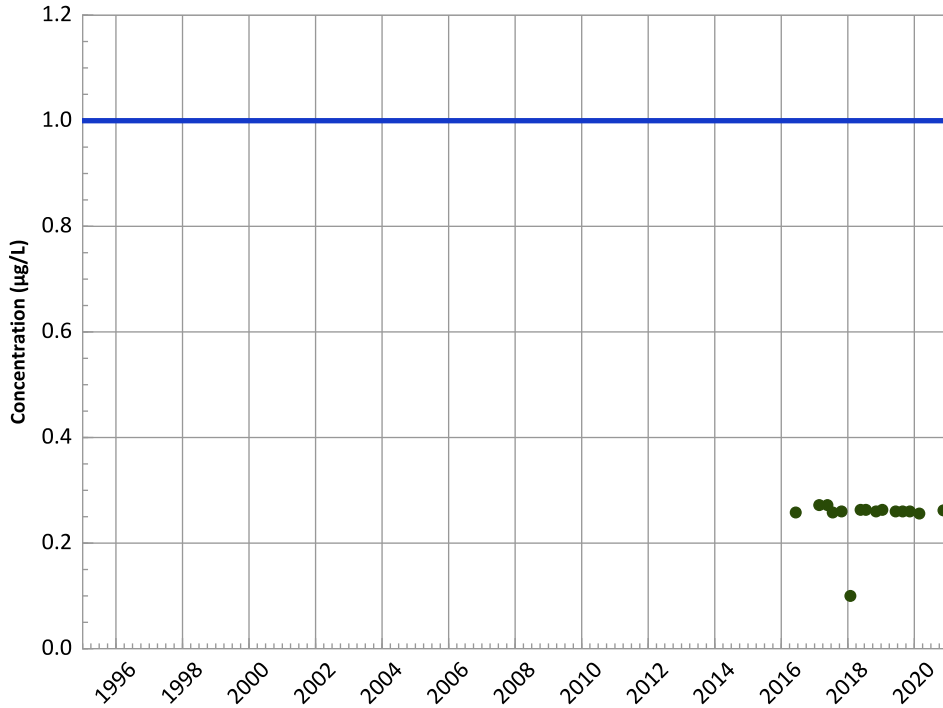
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

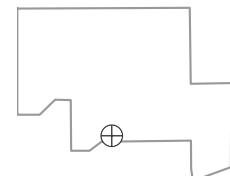
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

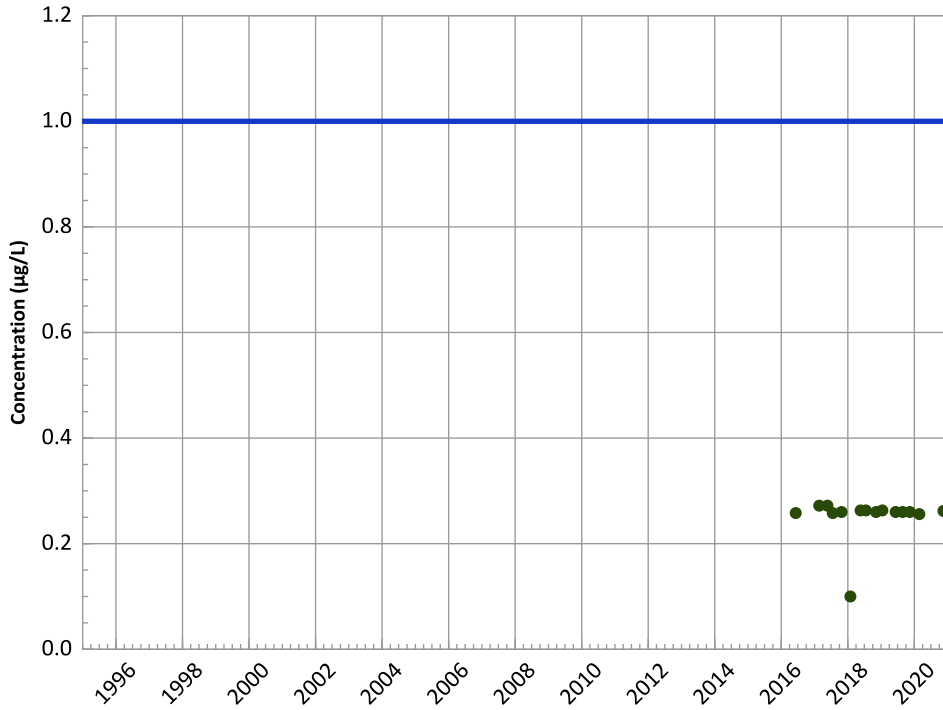
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

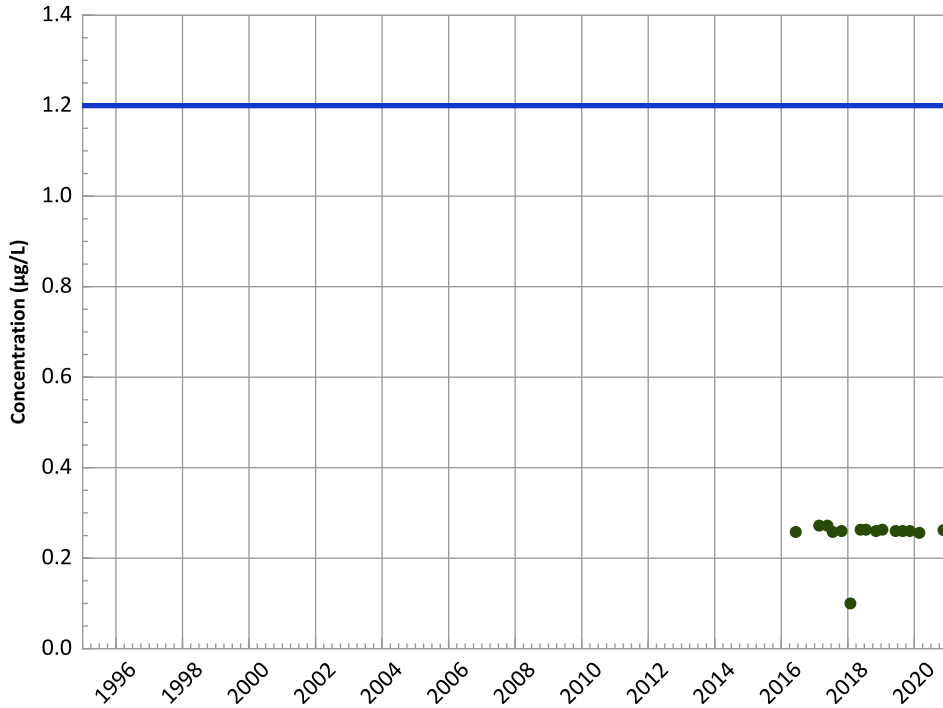
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

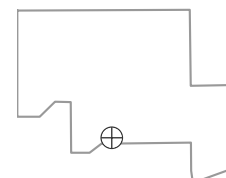
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

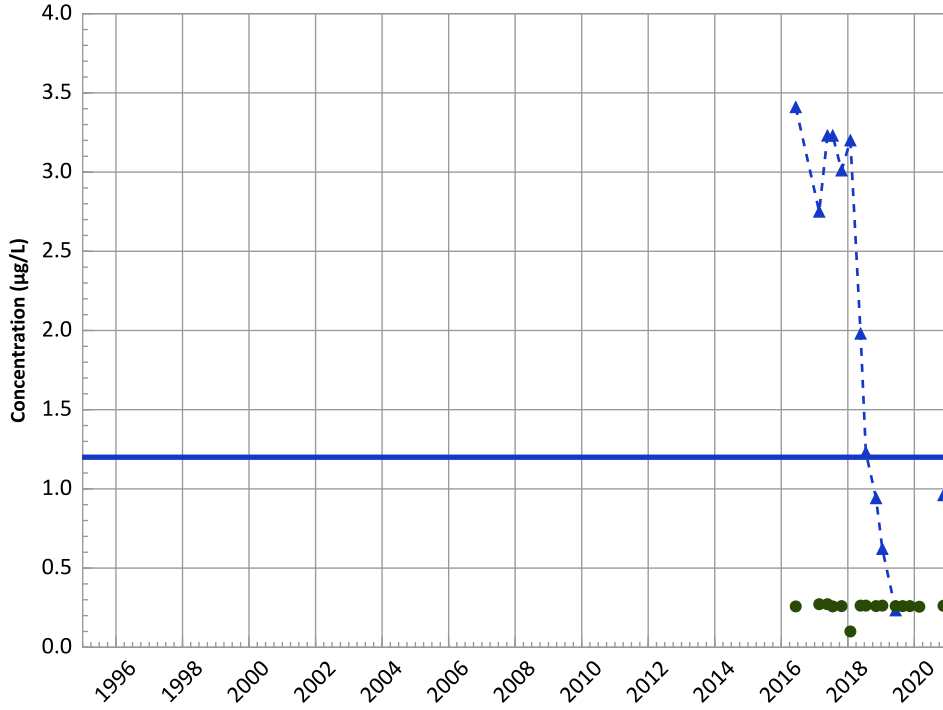


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

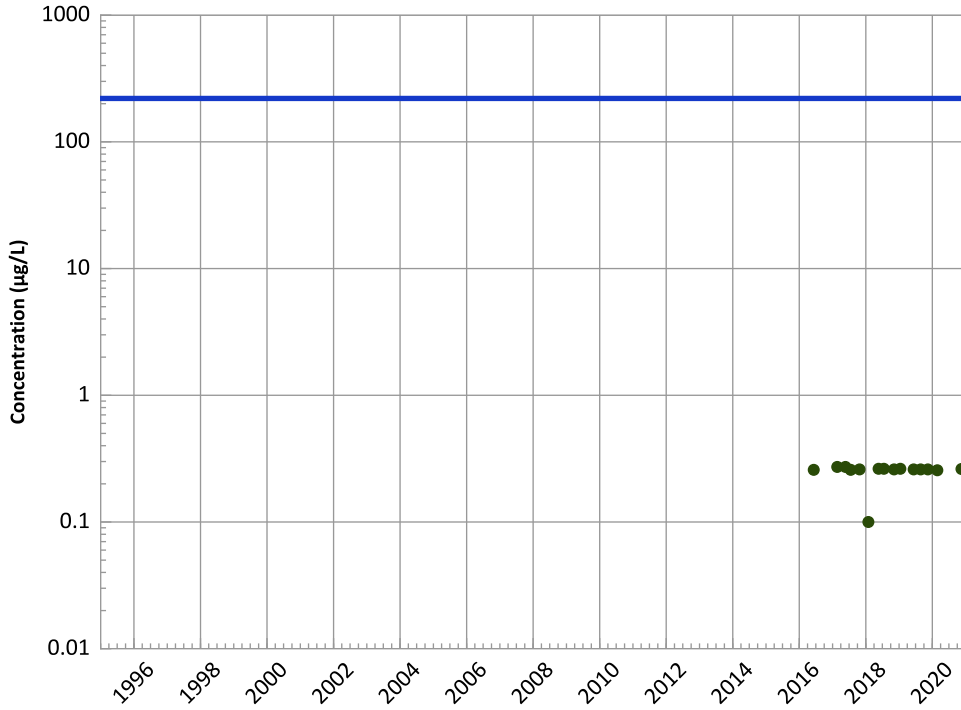


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend

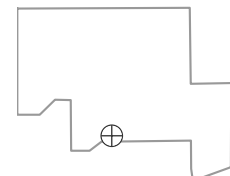


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

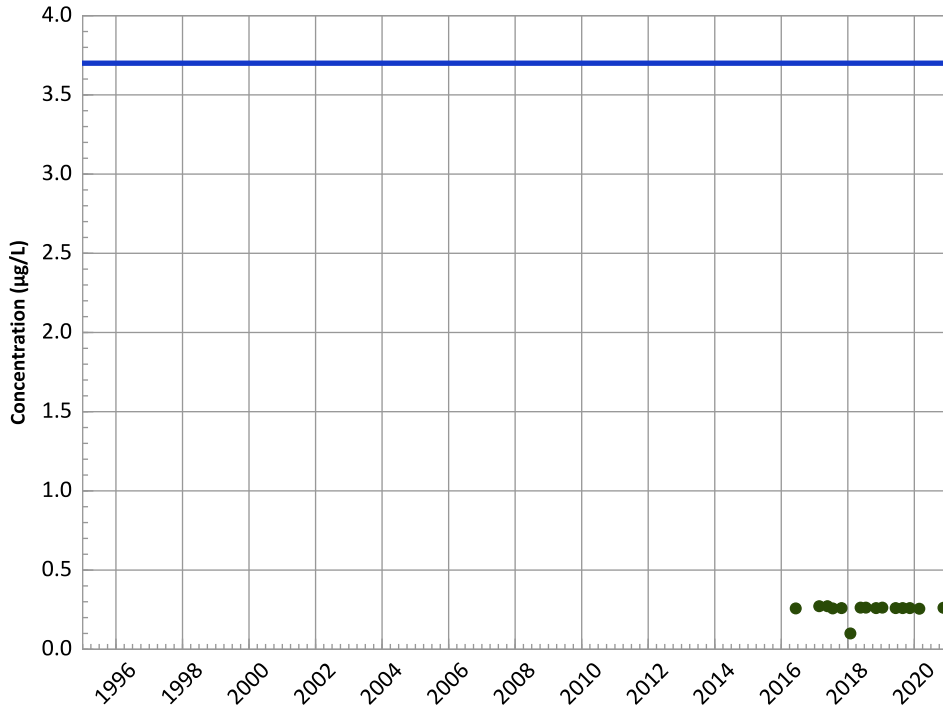


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

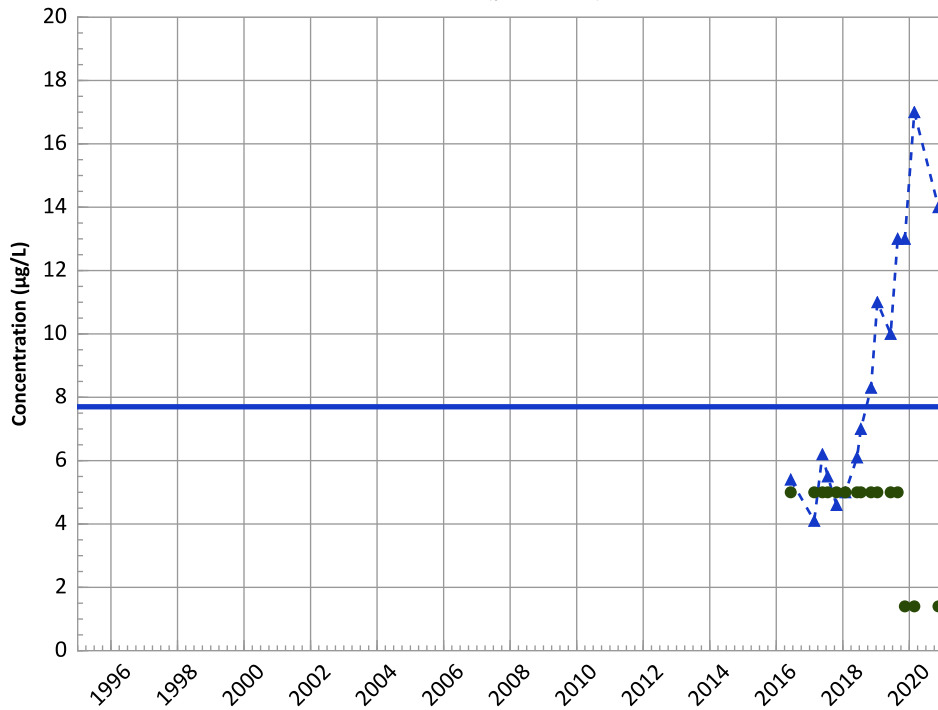
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

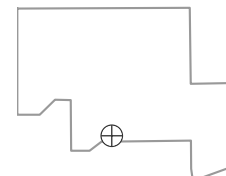
All Data:

Increasing

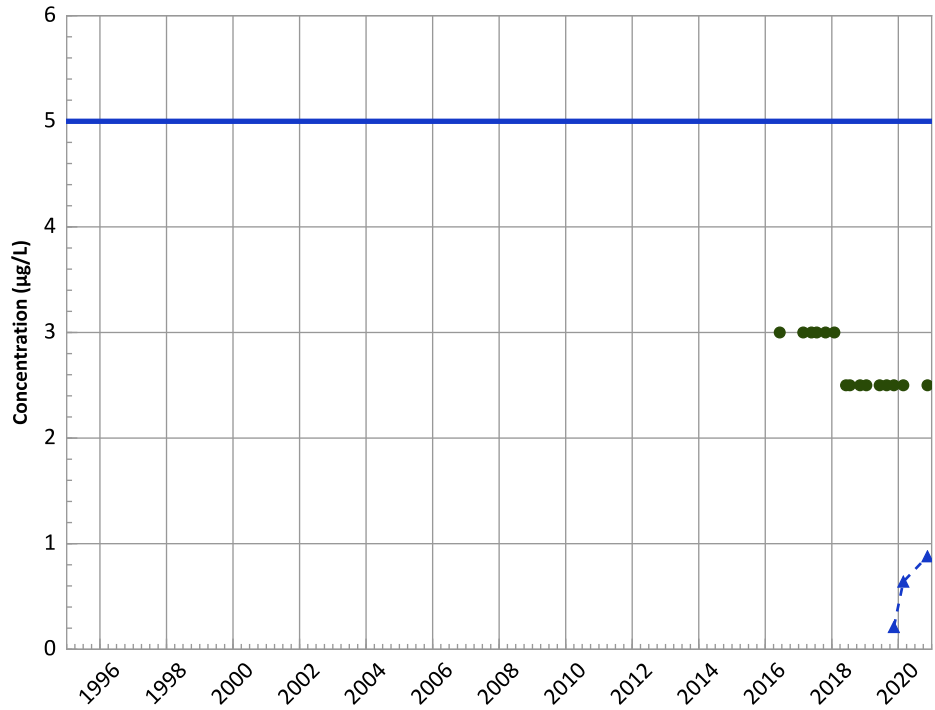
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**

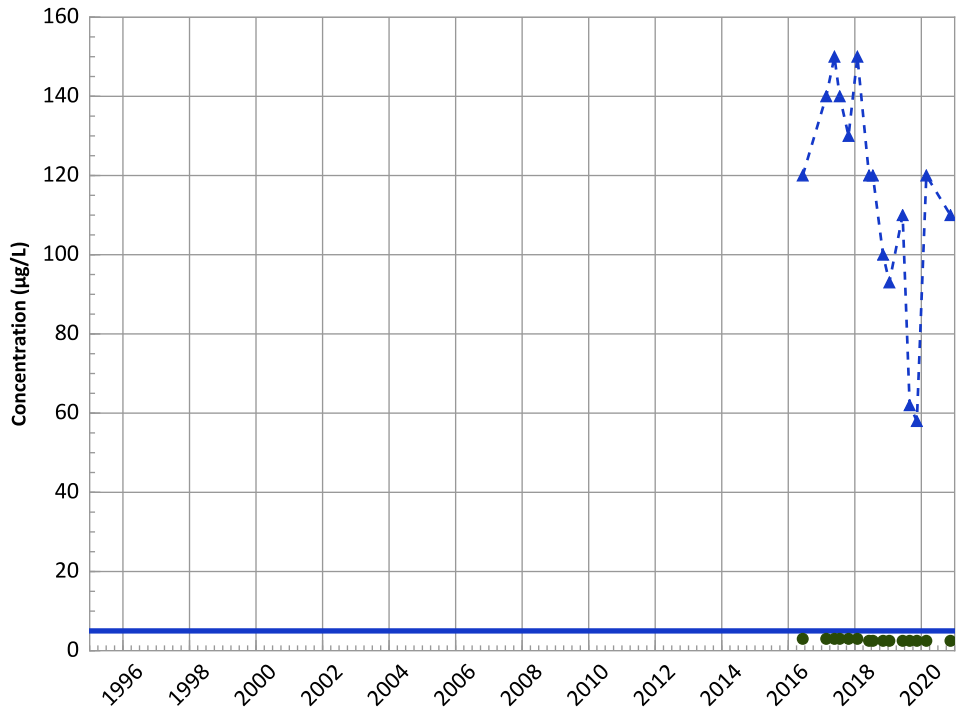


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Trichloroethene Trend

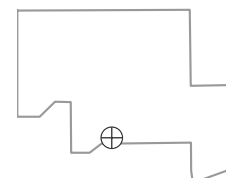


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

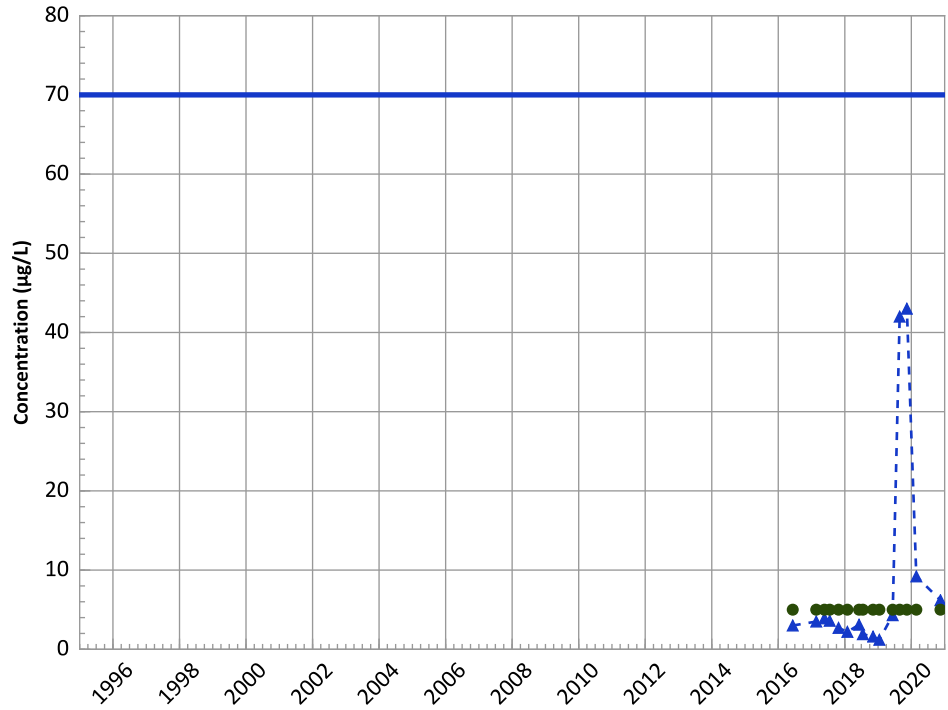
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

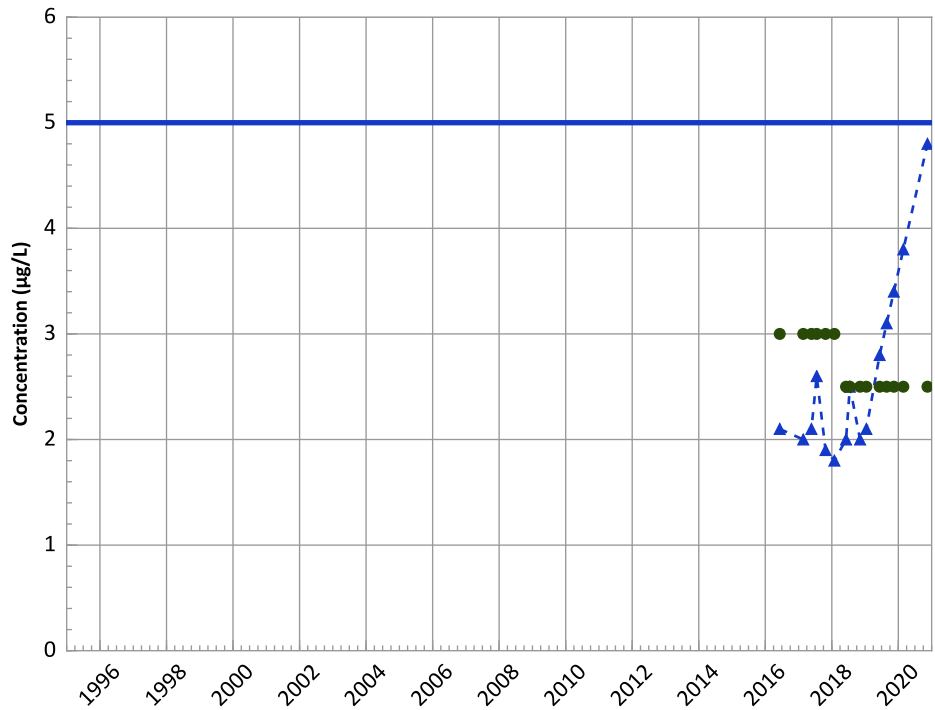
All Data:
No Trend

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Increasing

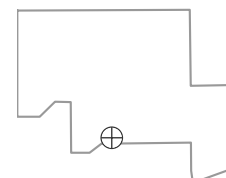
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Increasing

All Data:
Increasing

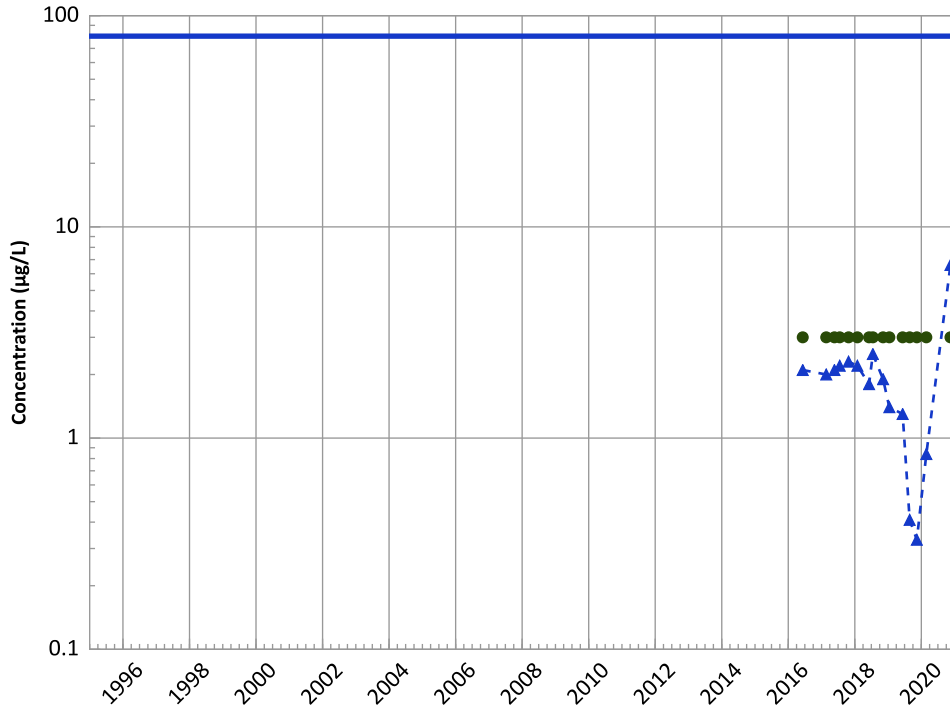
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

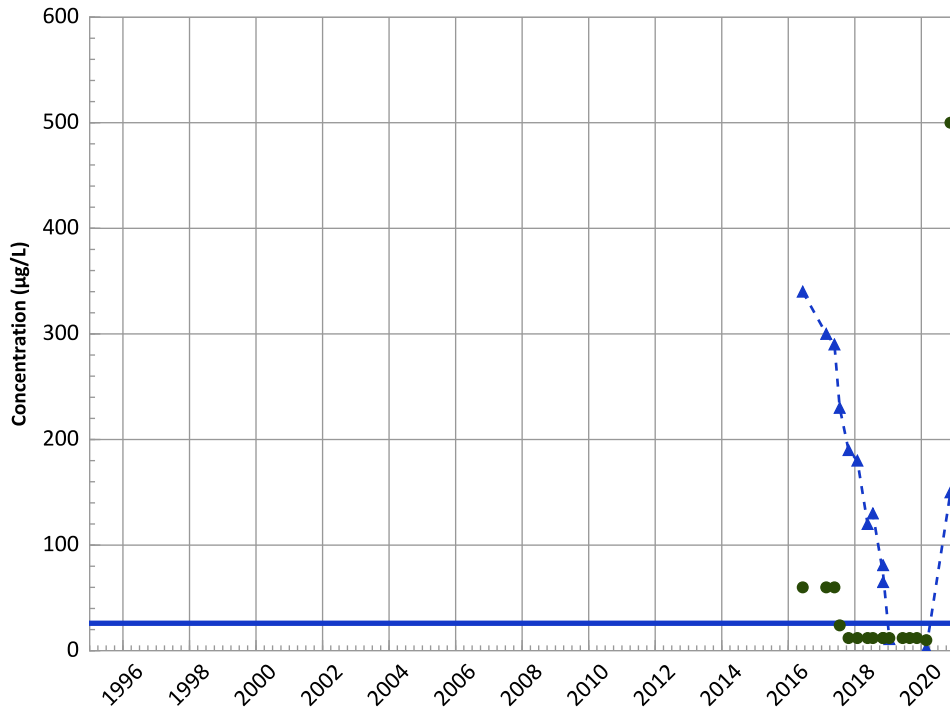
2018 - 2020 Data:

No Trend

All Data:

Stable

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

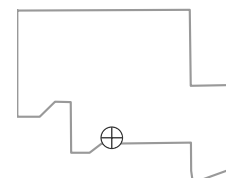
2018 - 2020 Data:

No Trend

All Data:

Decreasing

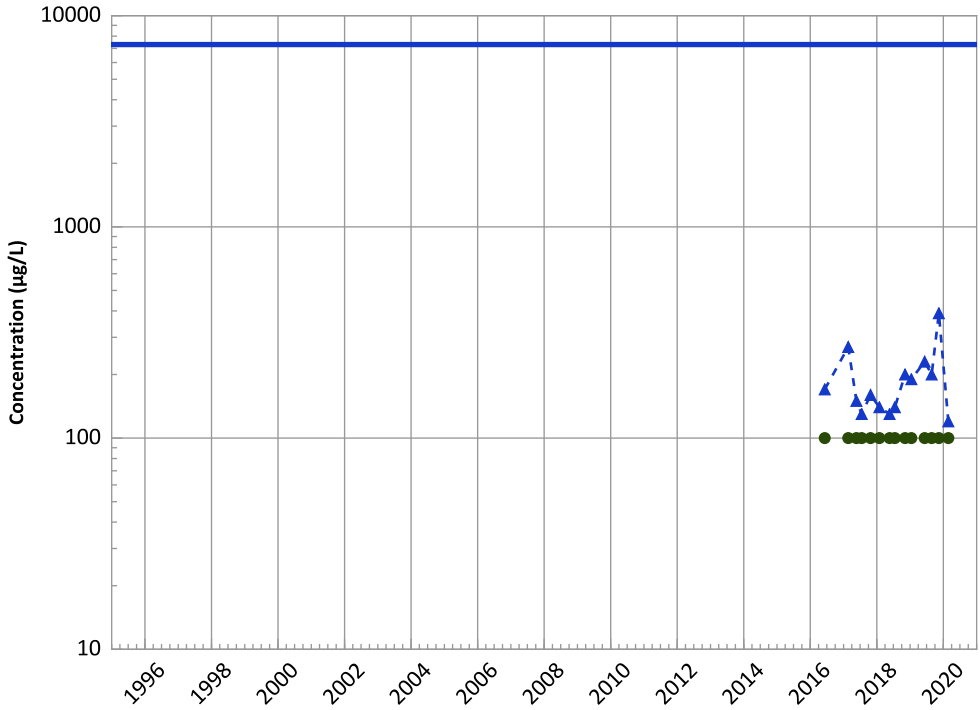
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

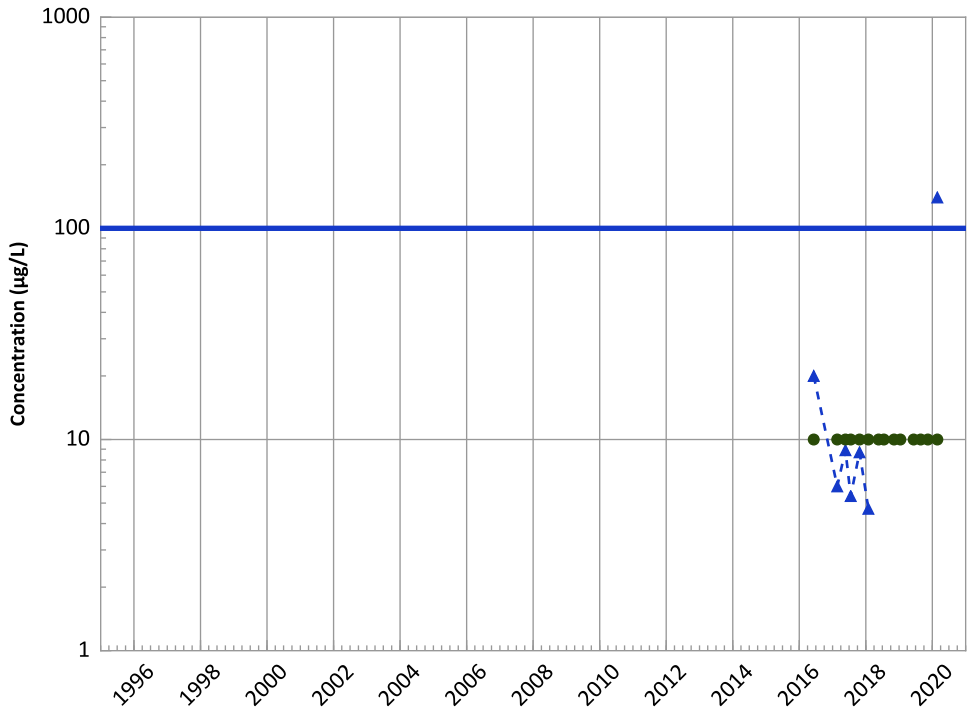
2018 - 2020 Data:

Stable

All Data:

No Trend

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

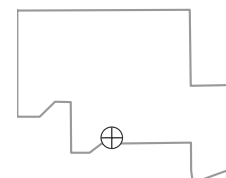
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

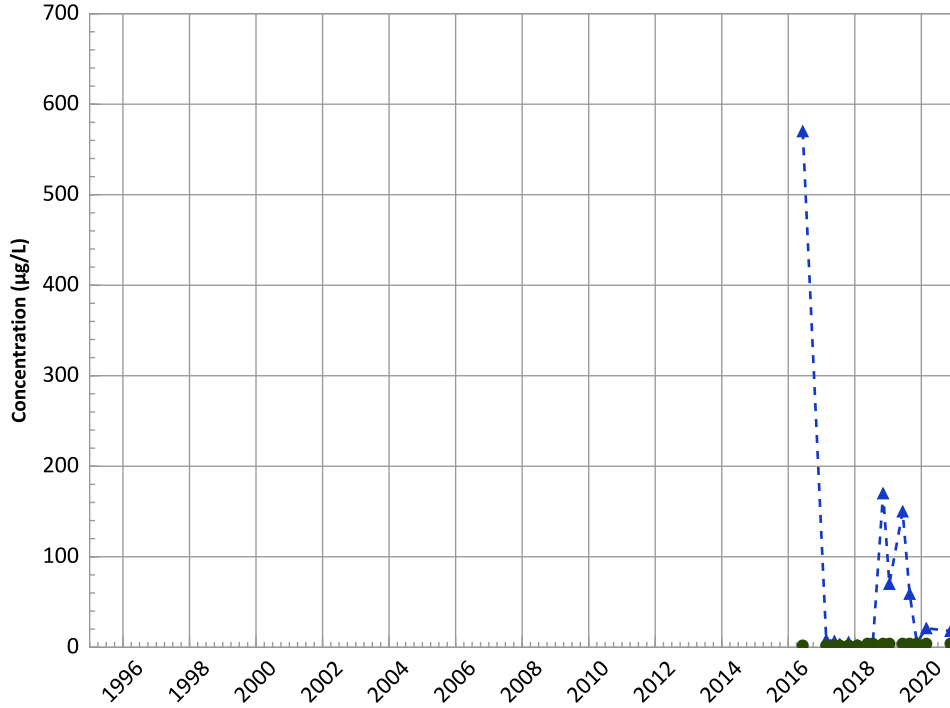


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

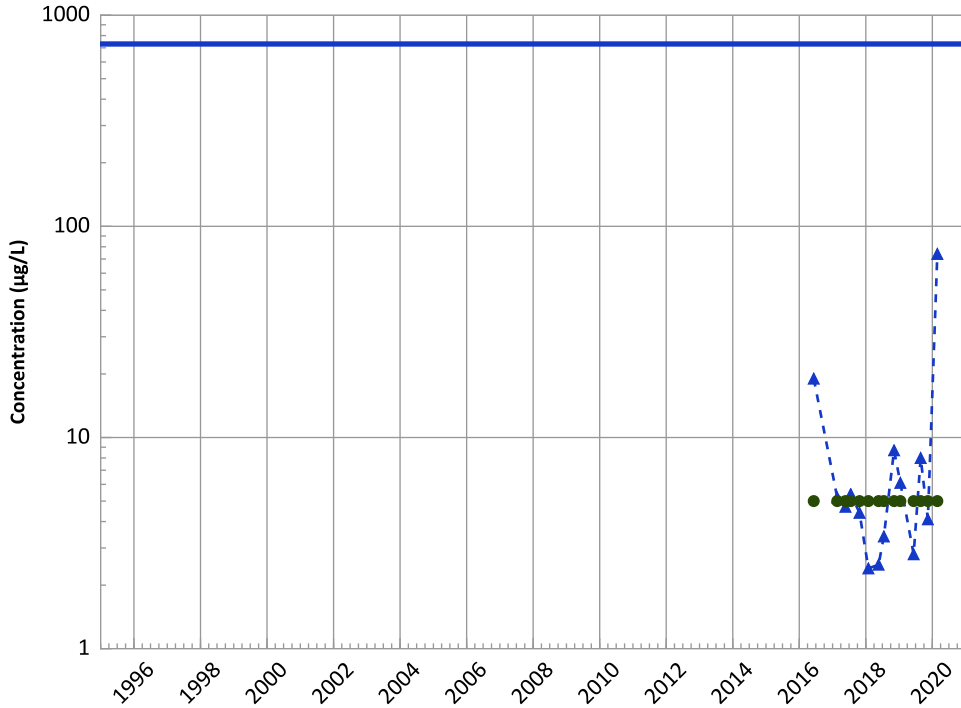
2018 - 2020 Data:

Stable

All Data:

No Trend

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

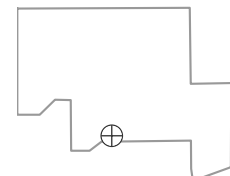
2018 - 2020 Data:

No Trend

All Data:

No Trend

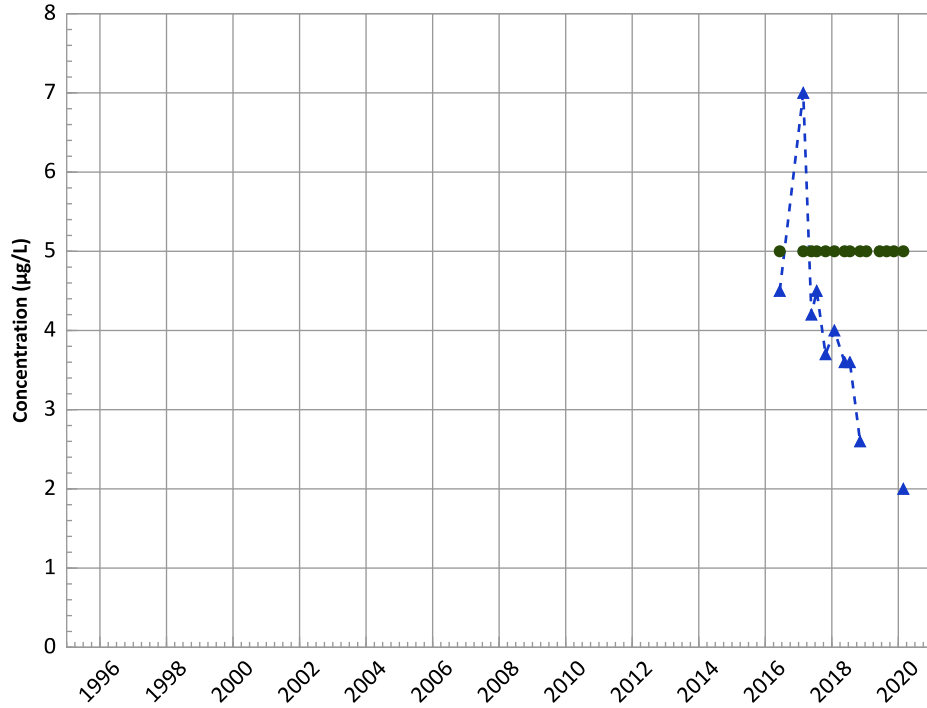
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

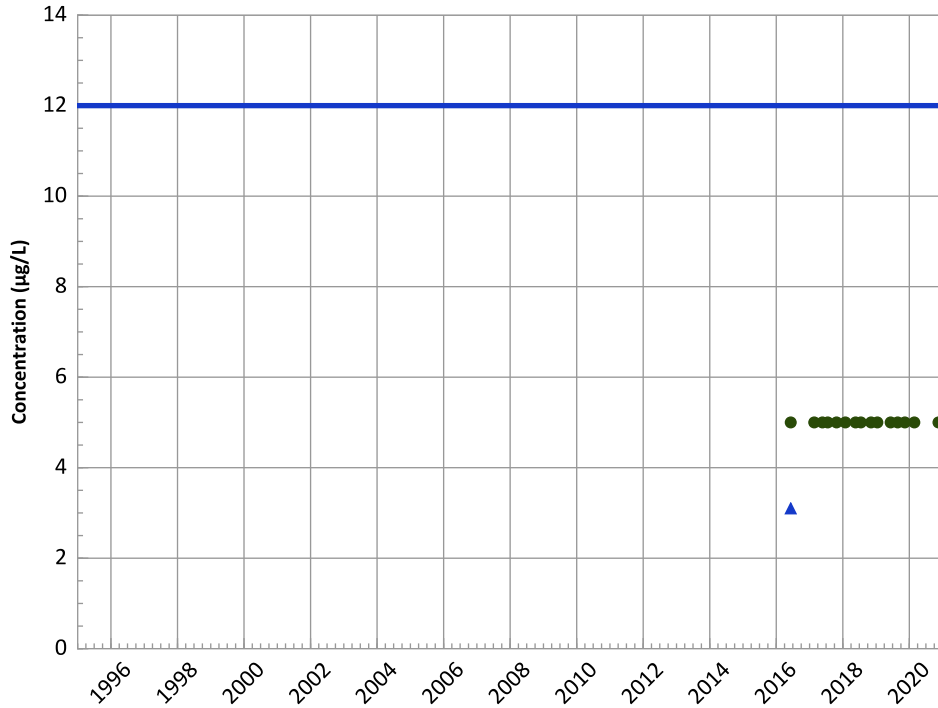


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Arsenic Trend

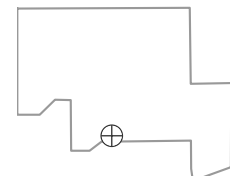


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

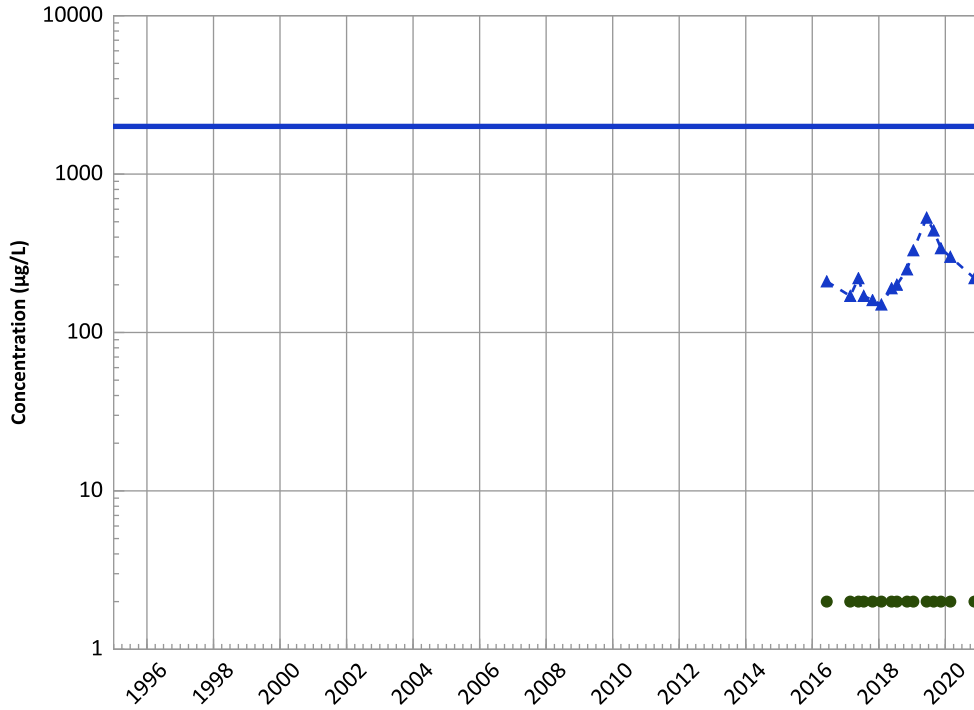


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

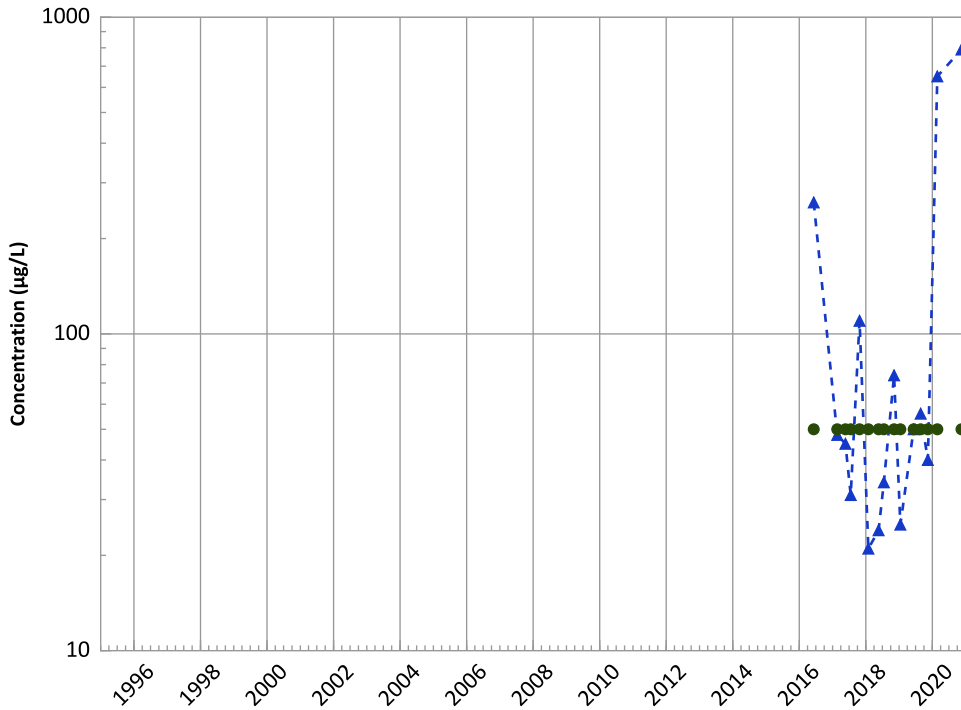
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

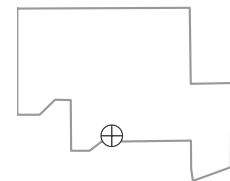
2018 - 2020 Data:

No Trend

All Data:

No Trend

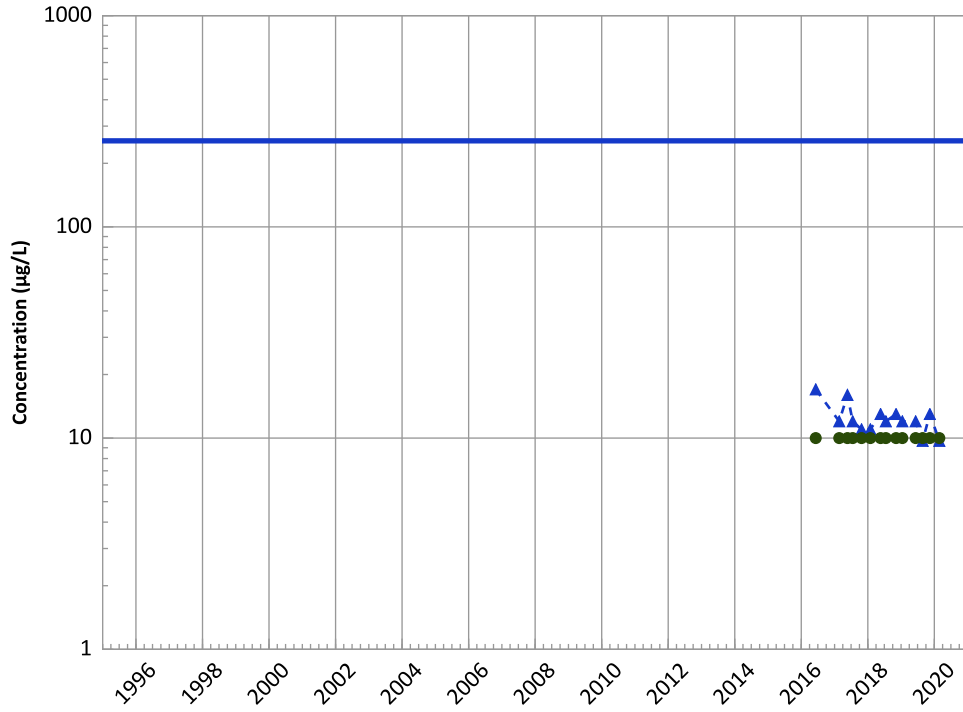
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/08/2016 to 11/16/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend

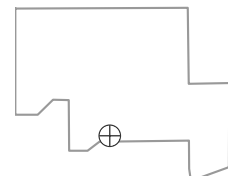


Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 Decreasing
 All Data:
 Decreasing
 MAROS Linear Regression Method
 2018 - 2020 Data:
 Stable
 All Data:
 Decreasing

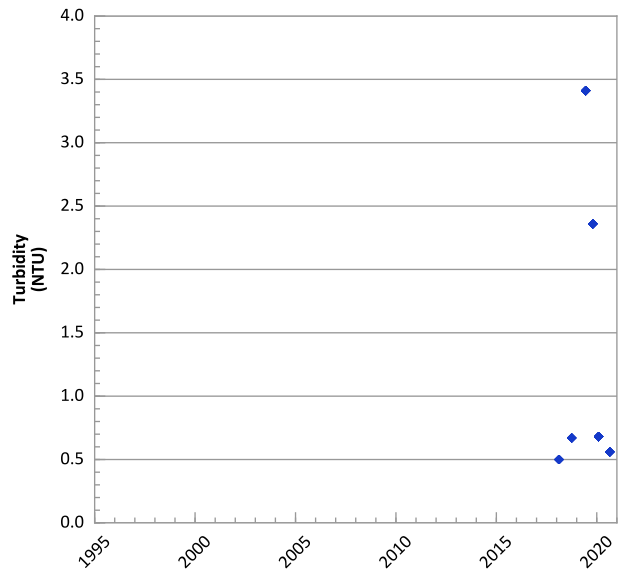
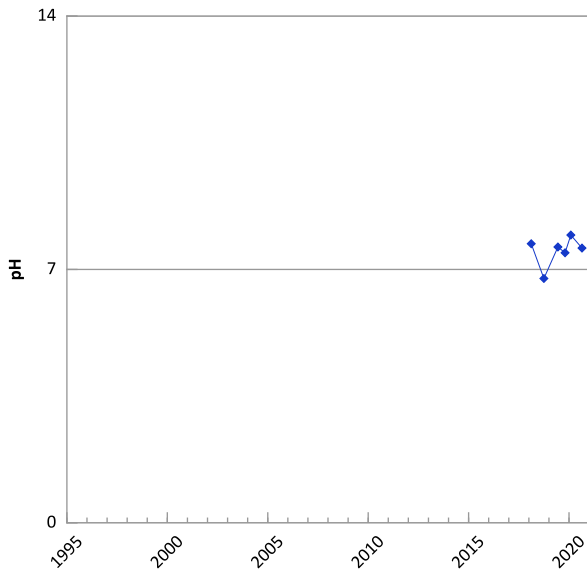
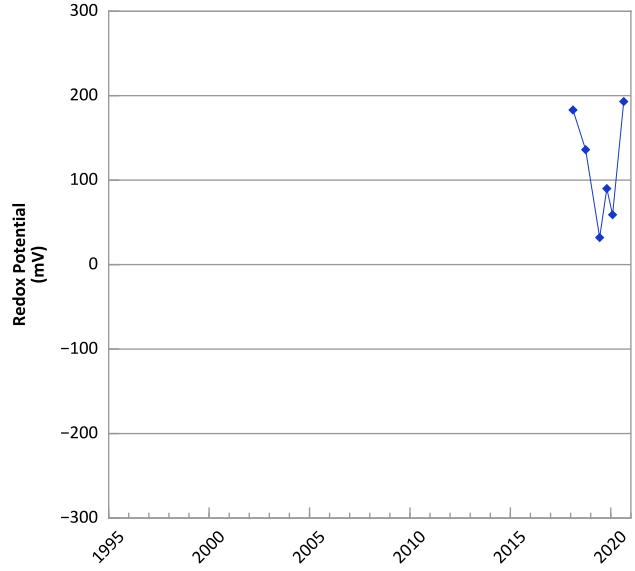
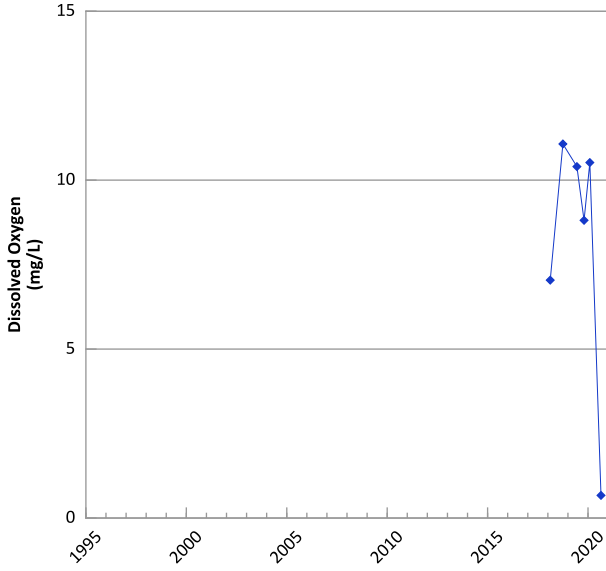
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/08/2016 to 11/16/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

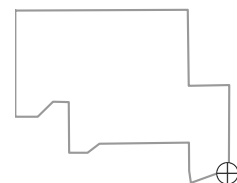


**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



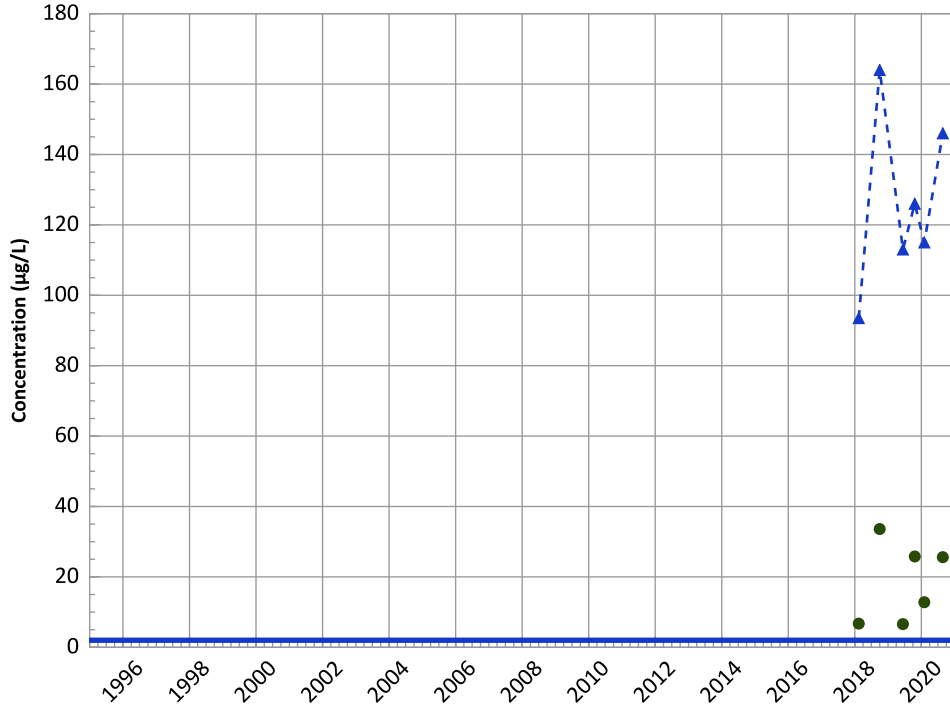
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/13/2018 to 08/24/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

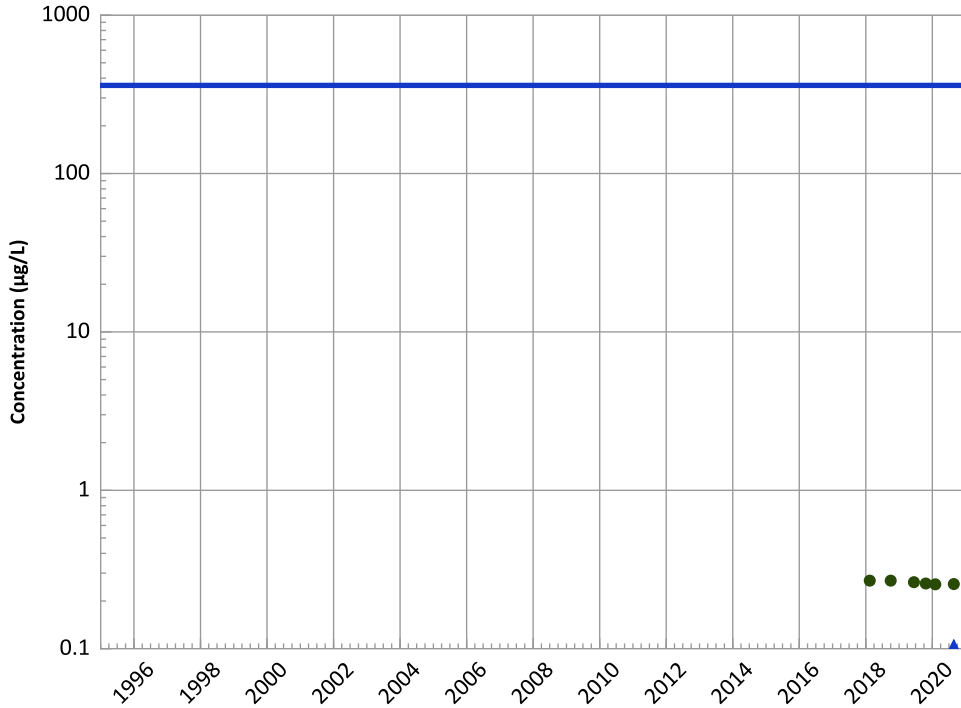
2018 - 2020 Data:

No Trend

All Data:

No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

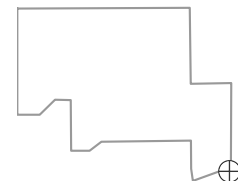
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

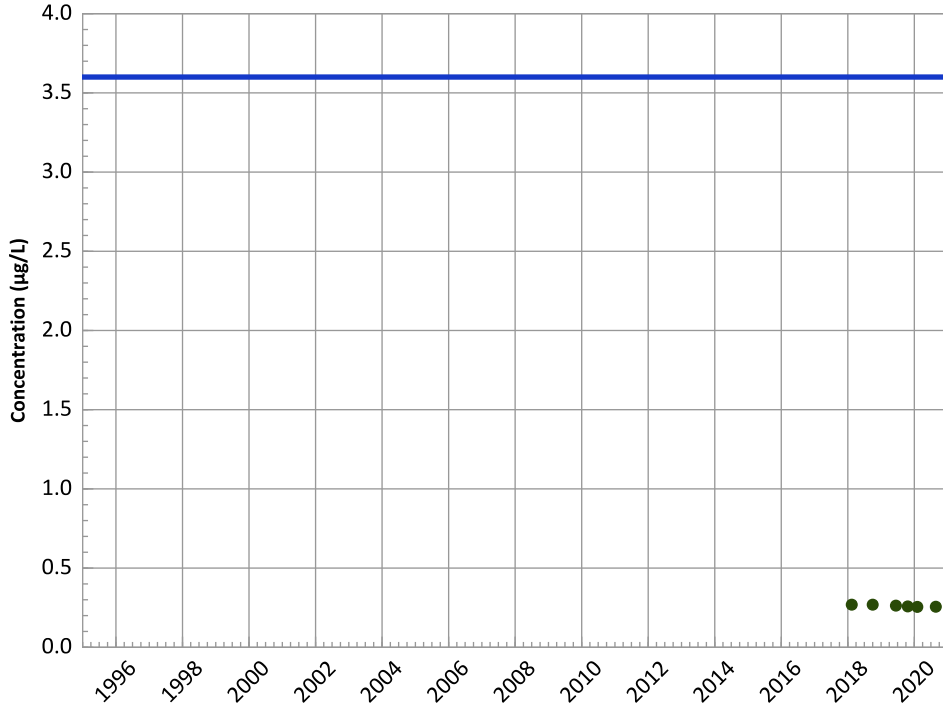


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

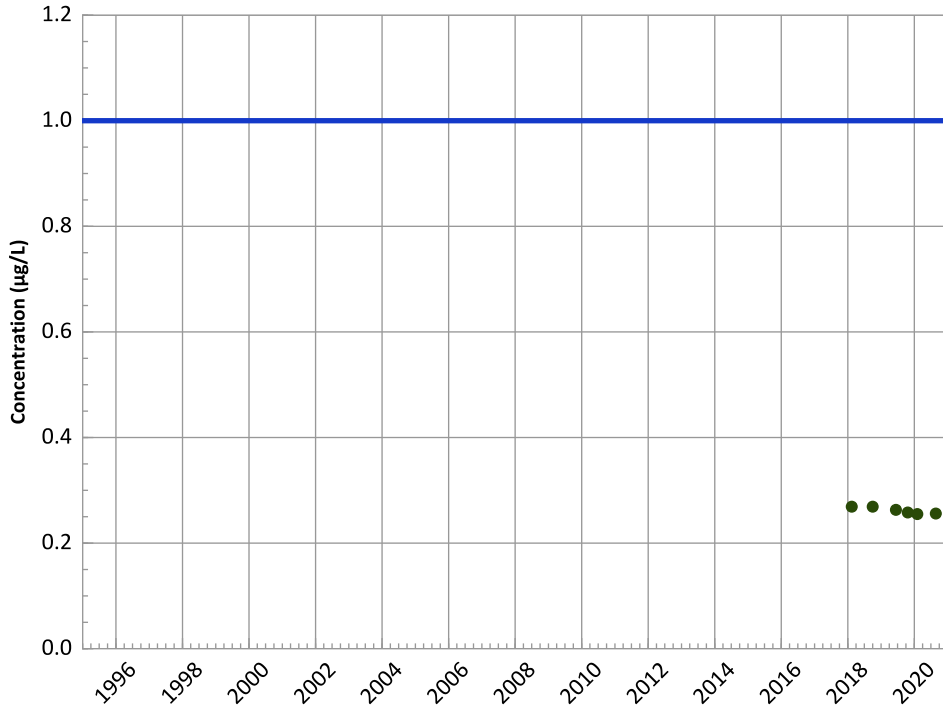
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

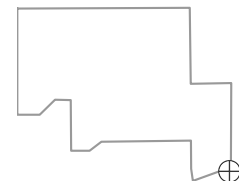
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

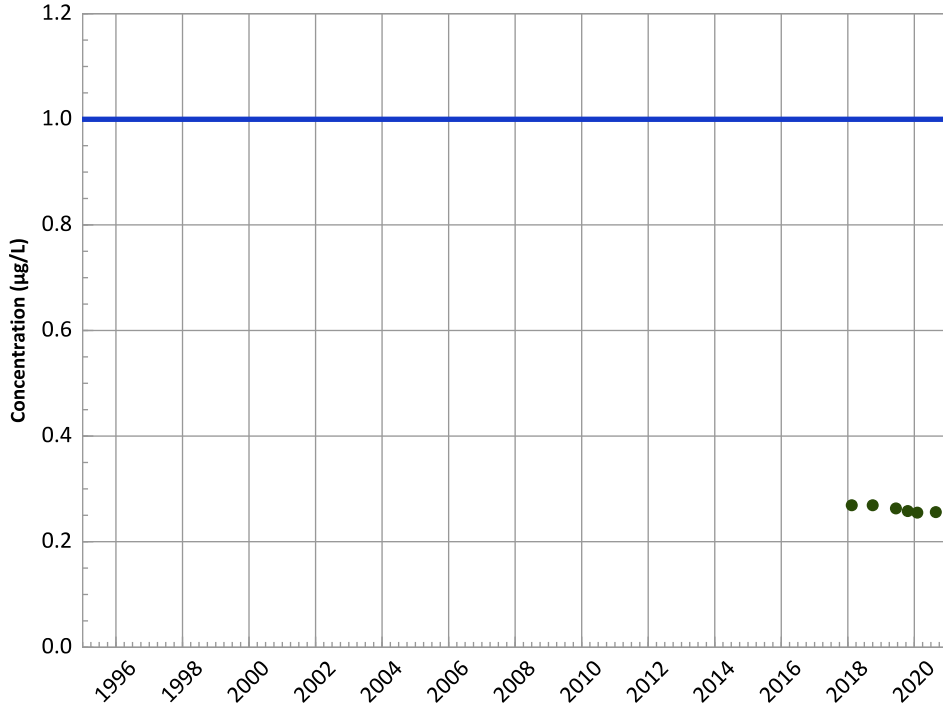
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

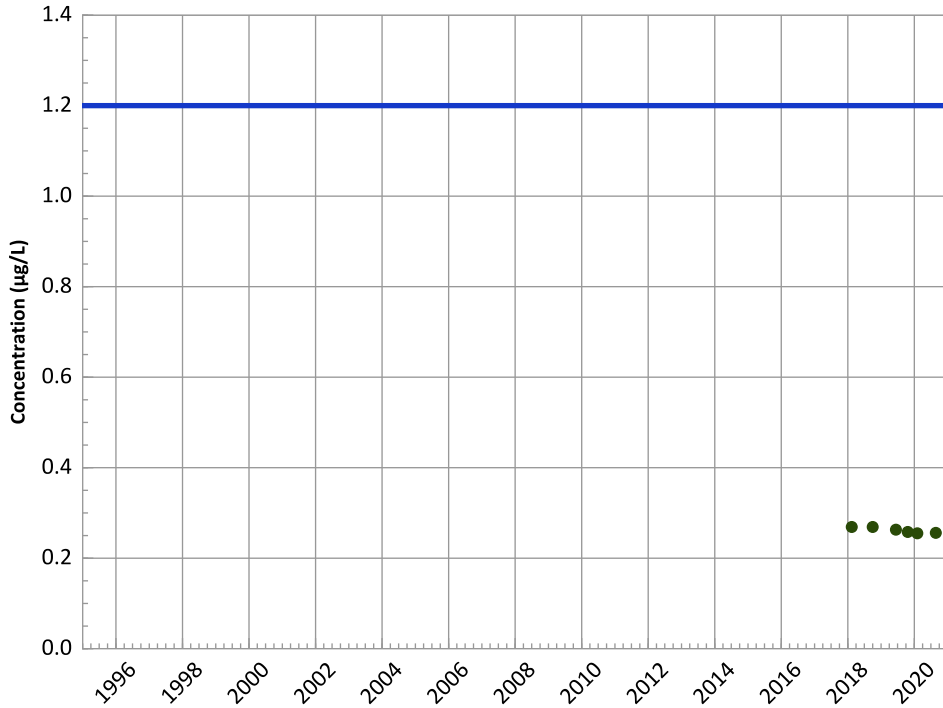
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

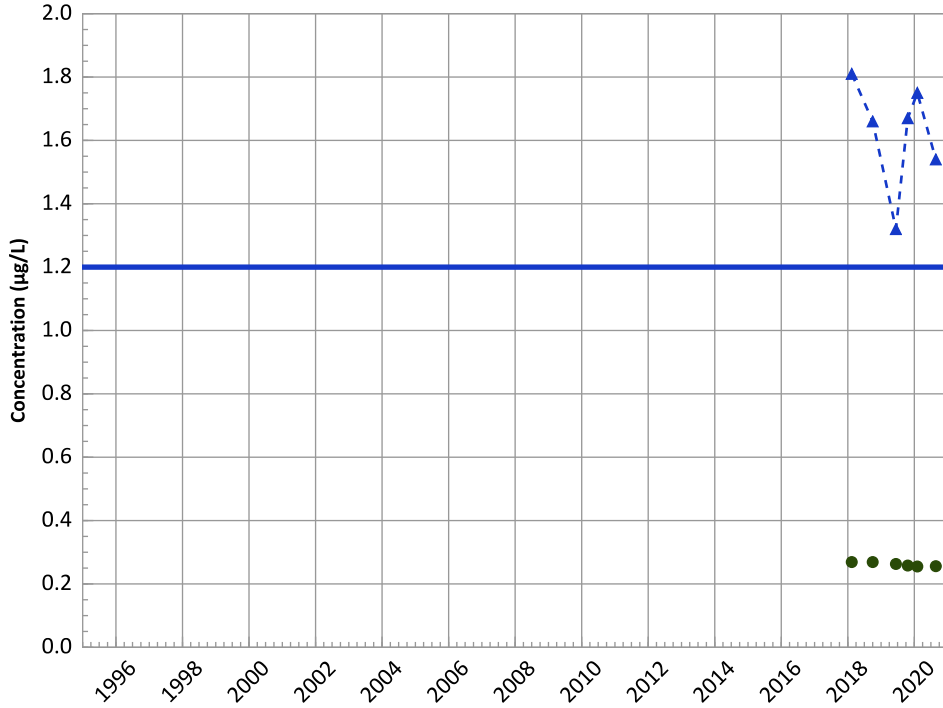
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

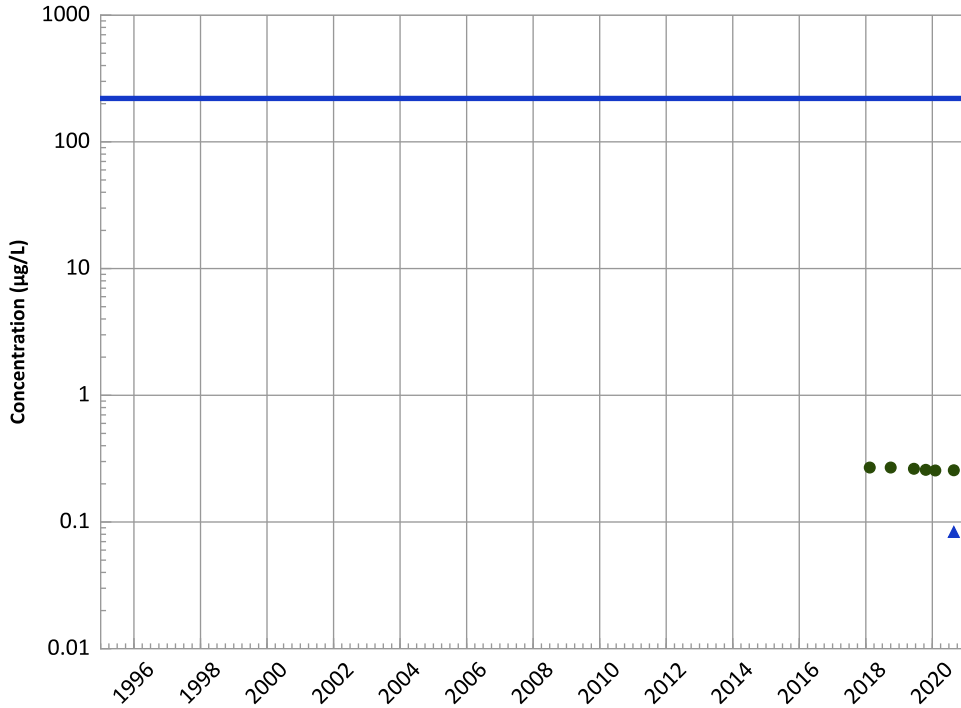
2018 - 2020 Data:

No Trend

All Data:

Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

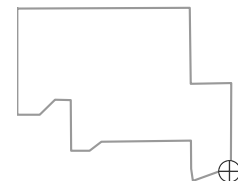
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

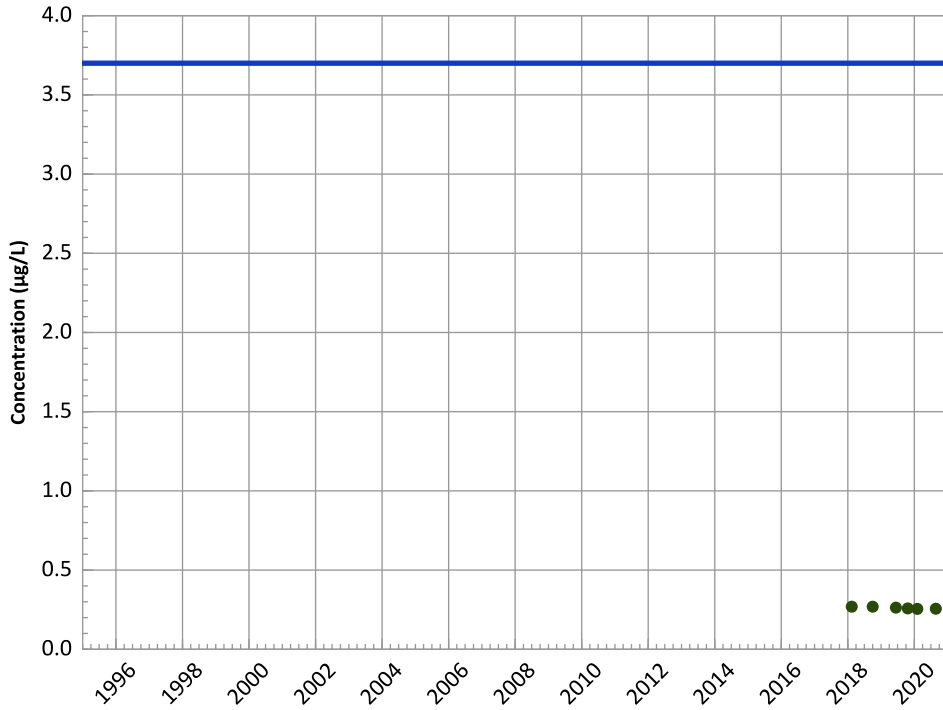


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

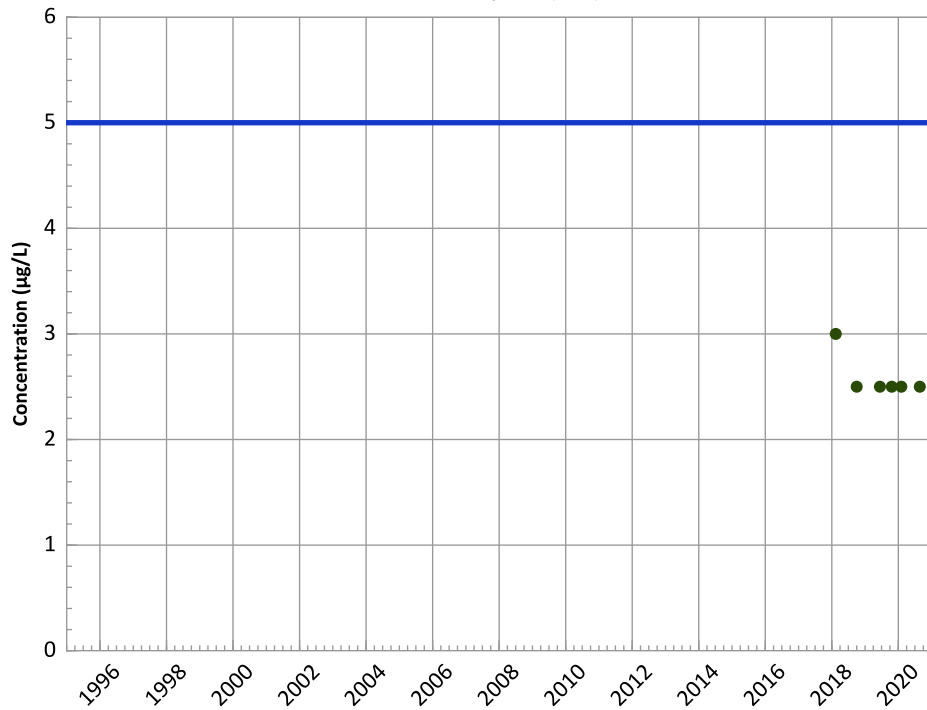
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

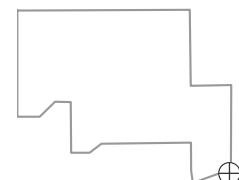
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

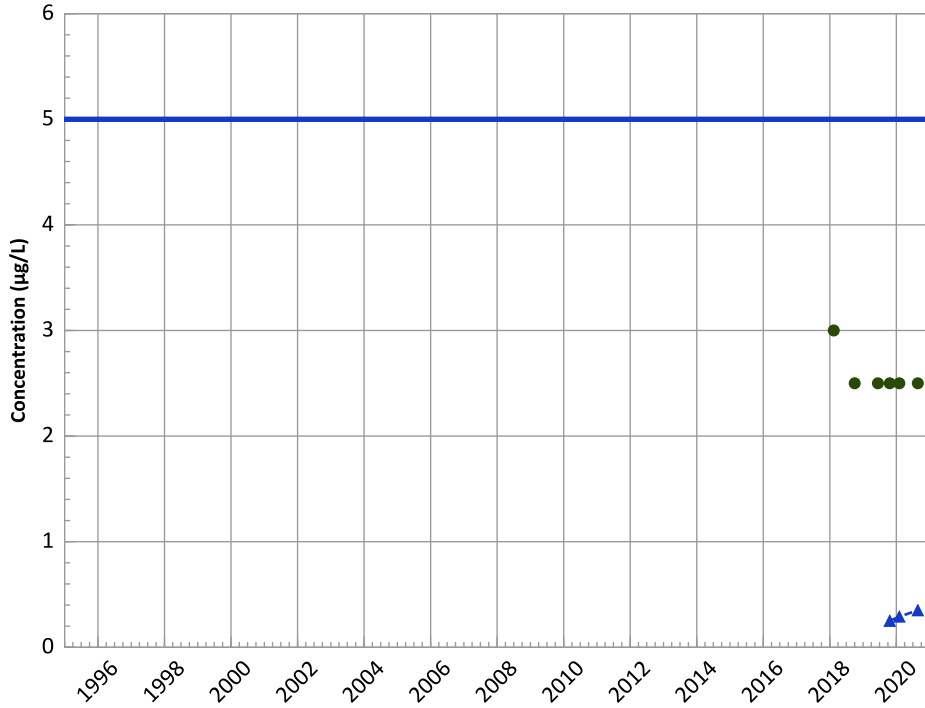


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

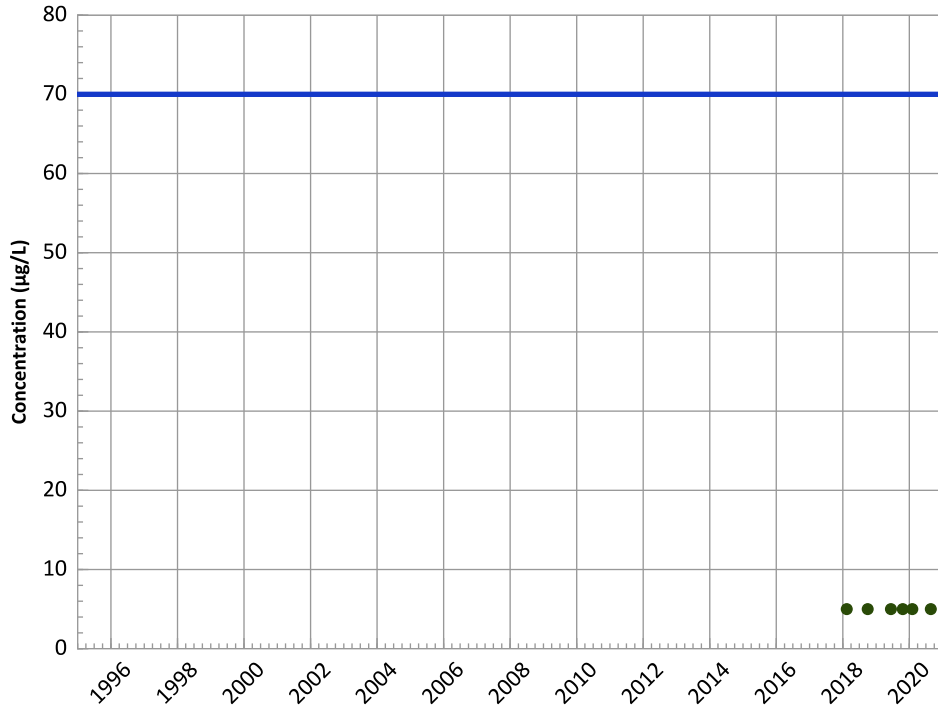


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend

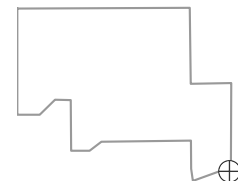


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

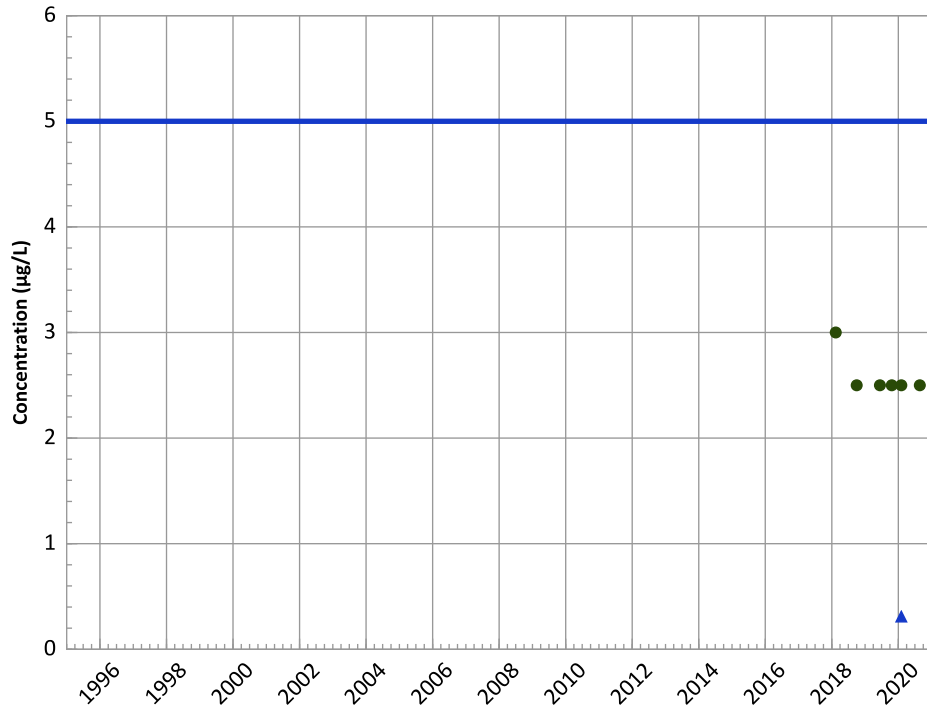
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**

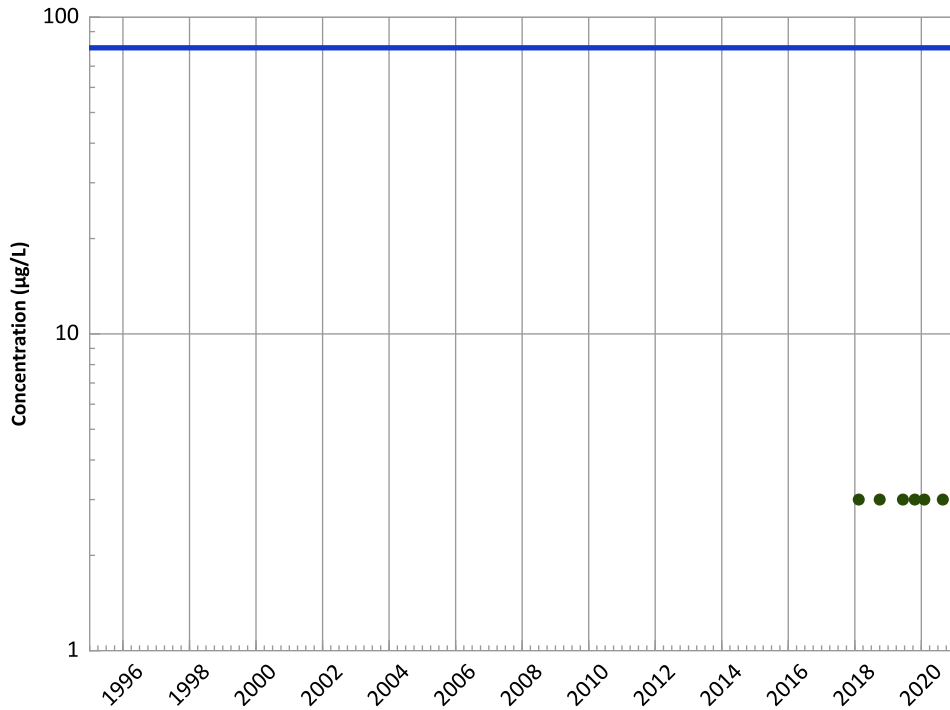


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

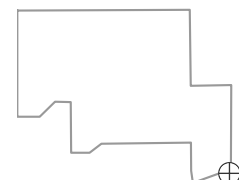


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

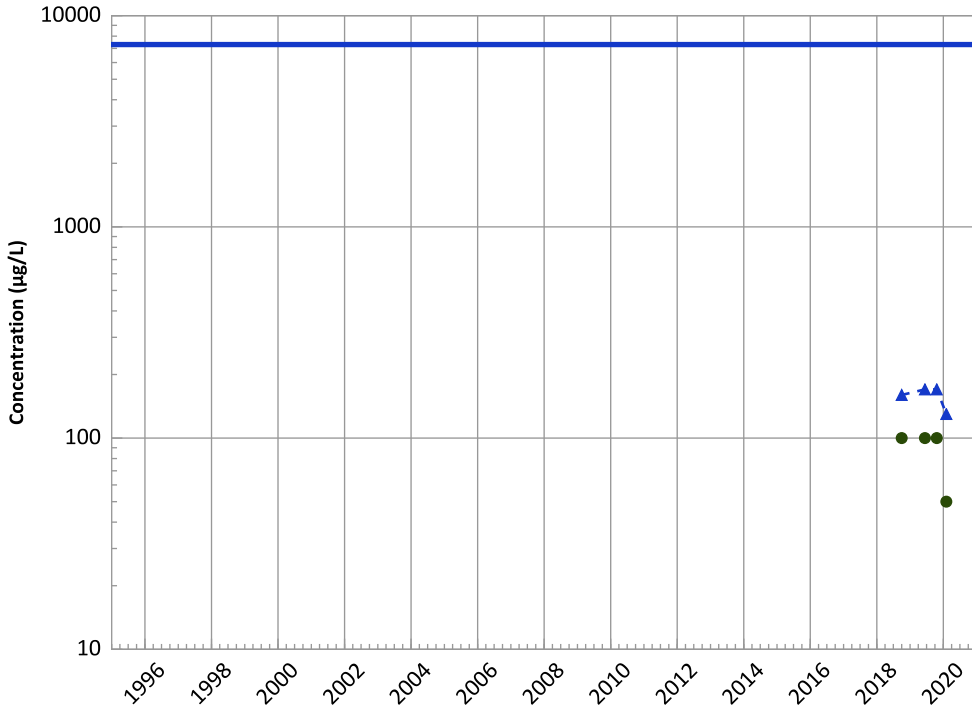
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

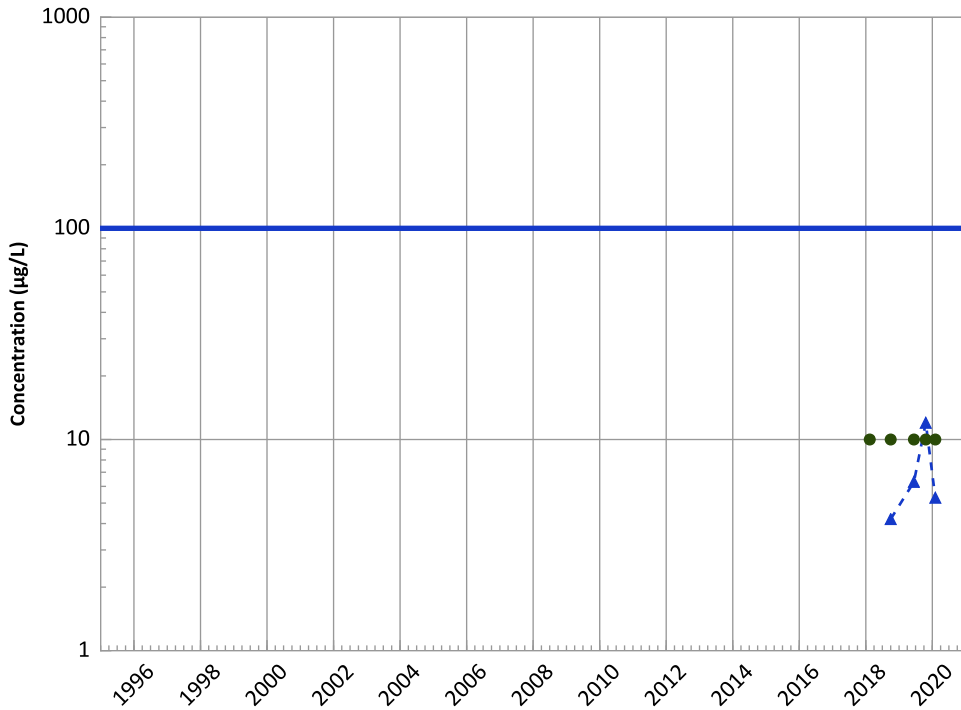


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Chromium, Total Trend

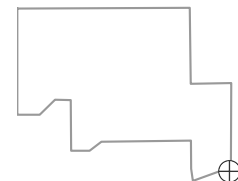


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Well Location

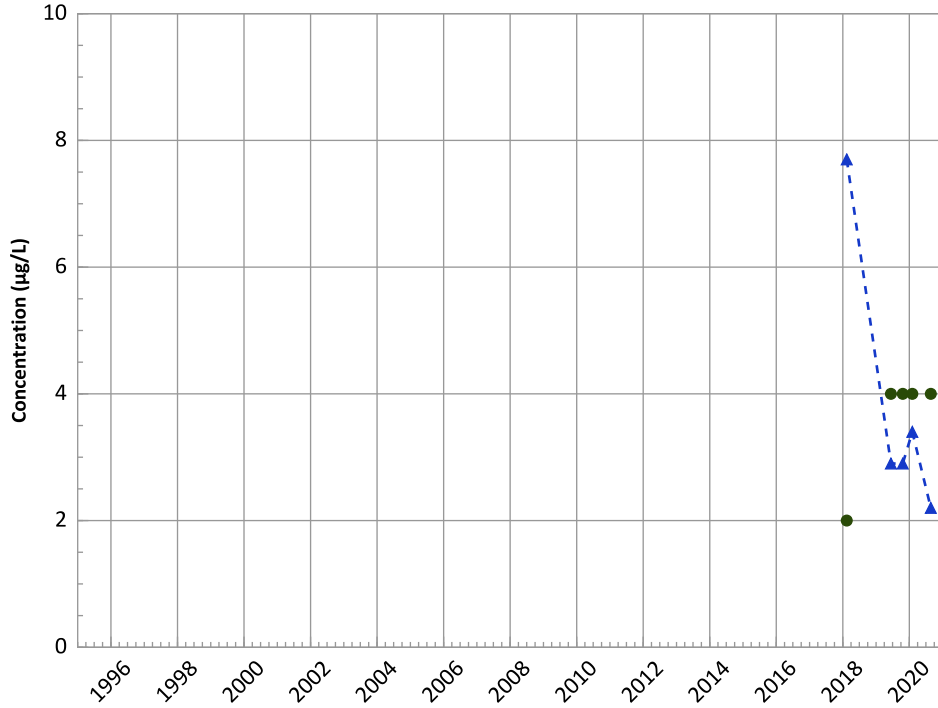


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

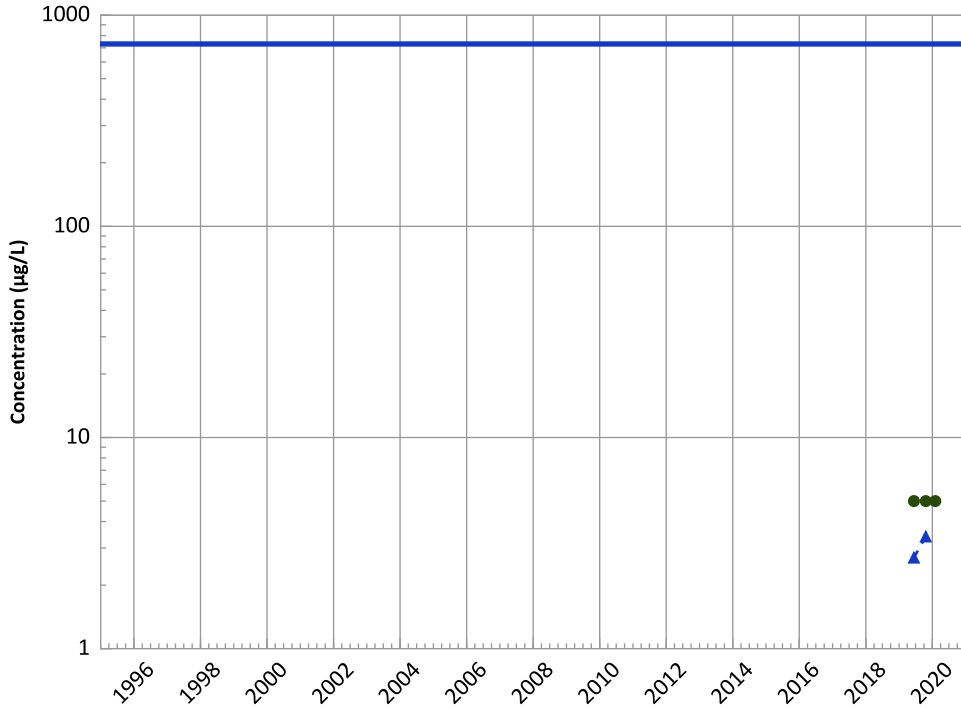
2018 - 2020 Data:

Stable

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

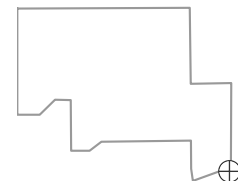
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

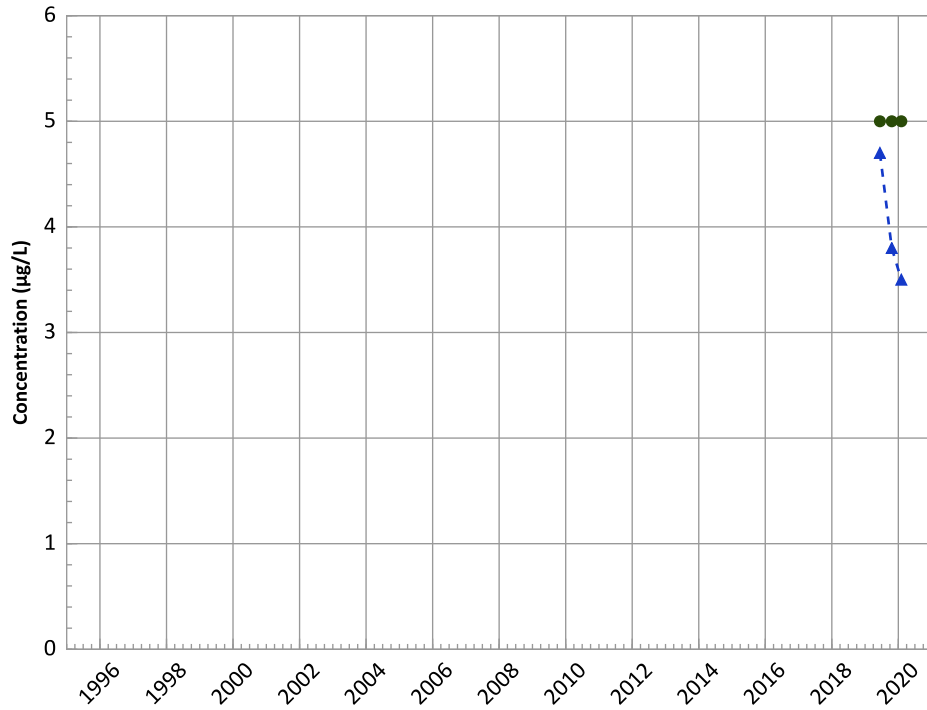
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

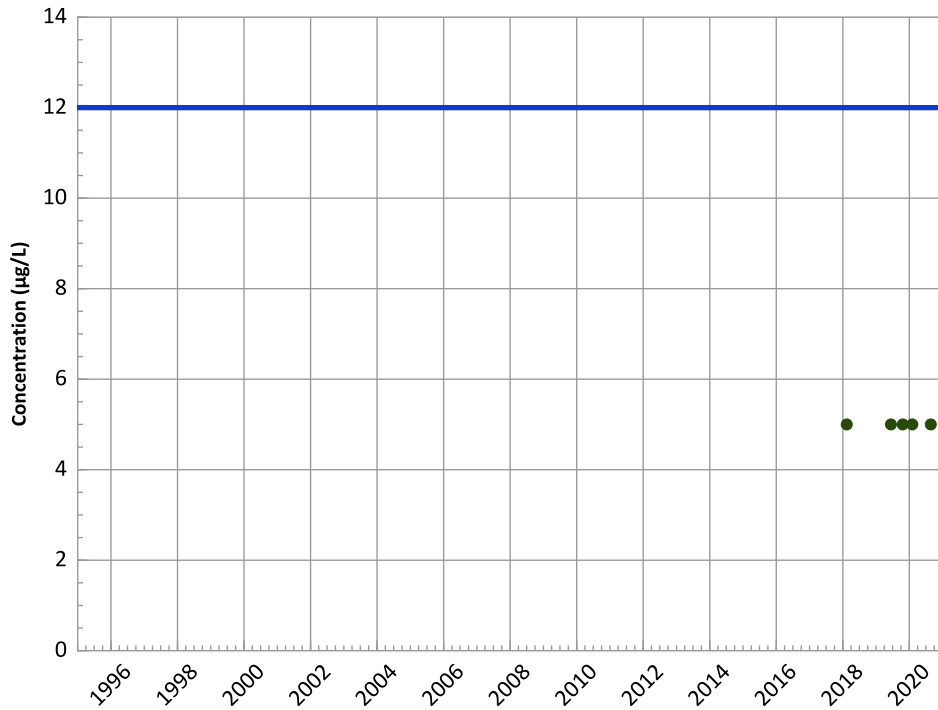


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

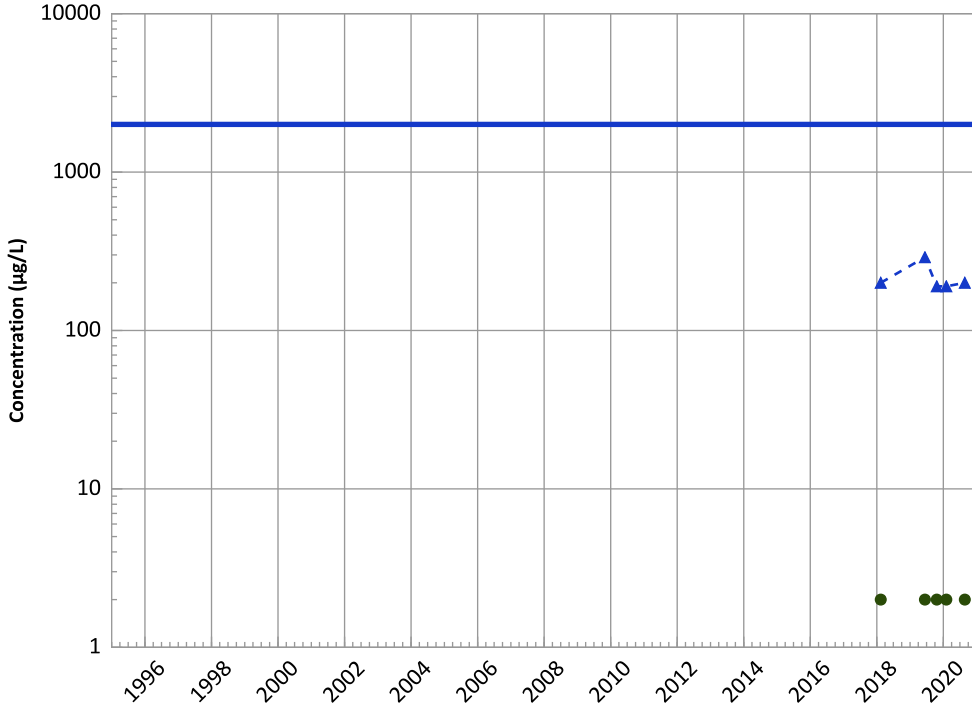


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

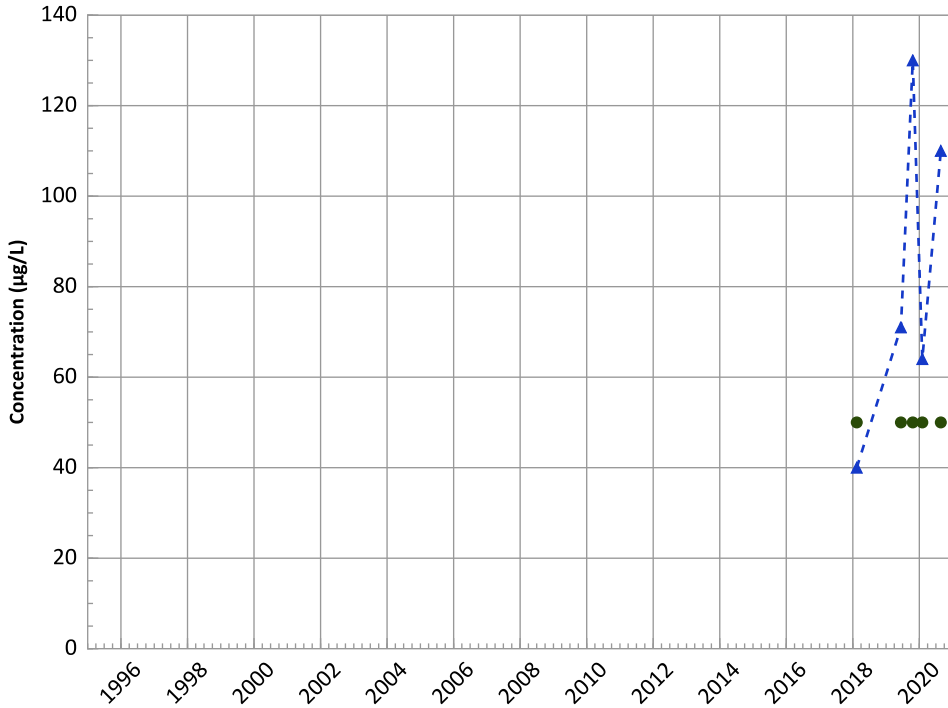
2018 - 2020 Data:

Decreasing

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

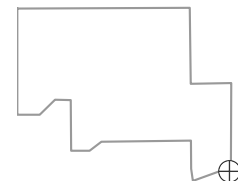
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

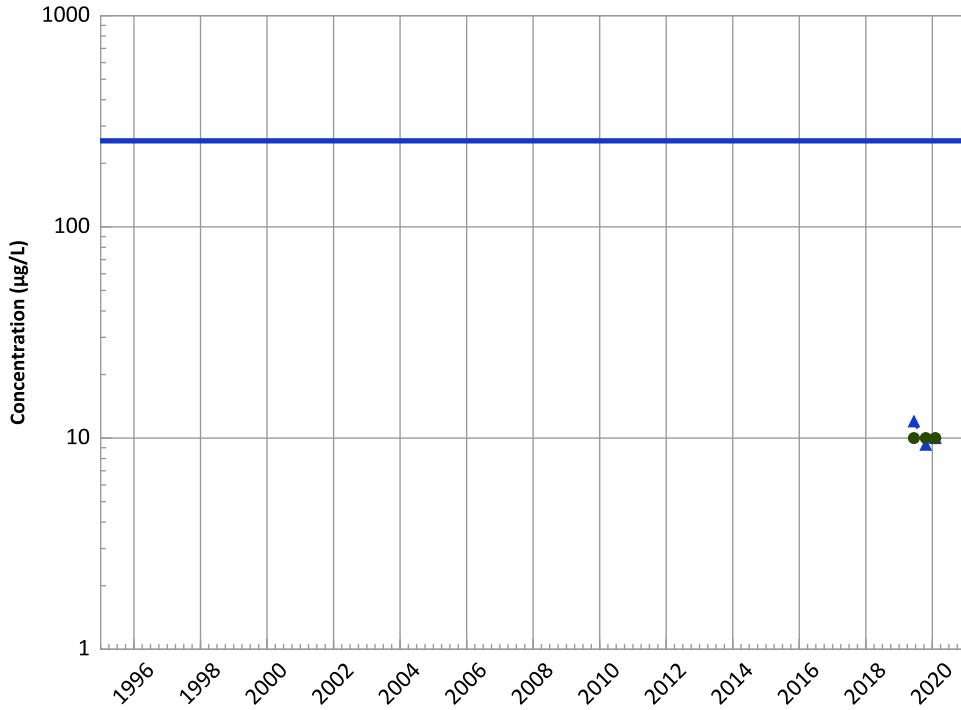
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

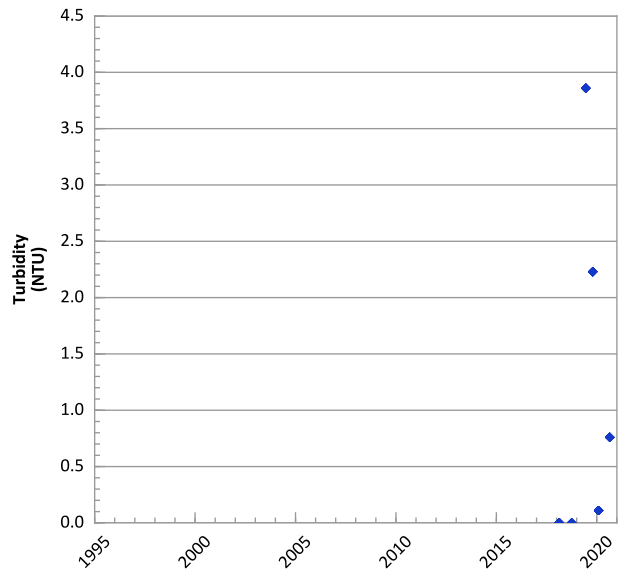
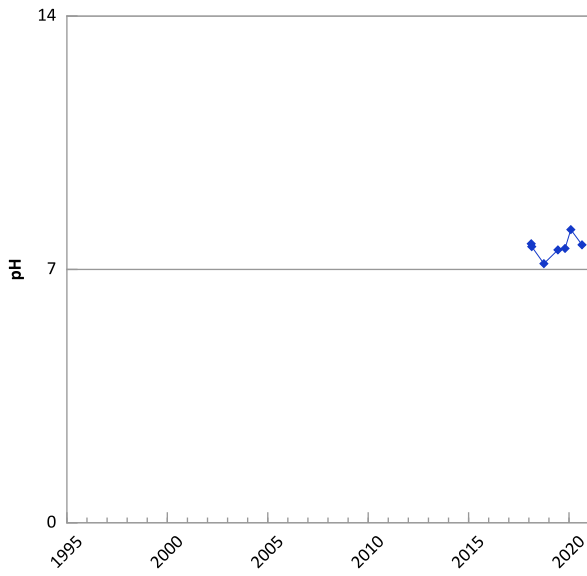
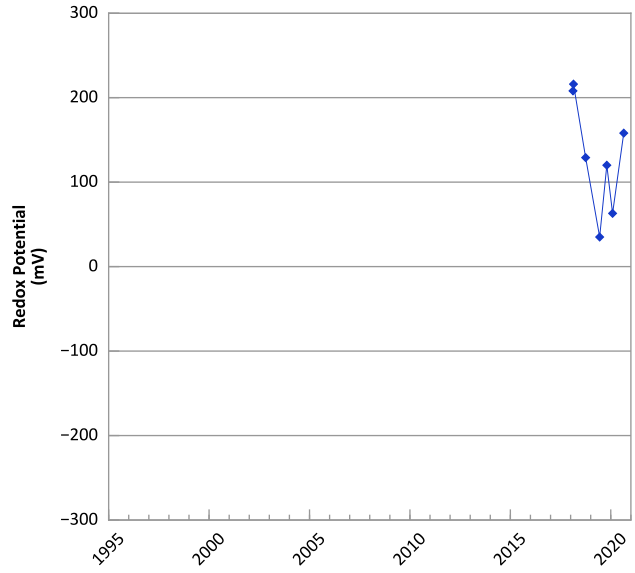
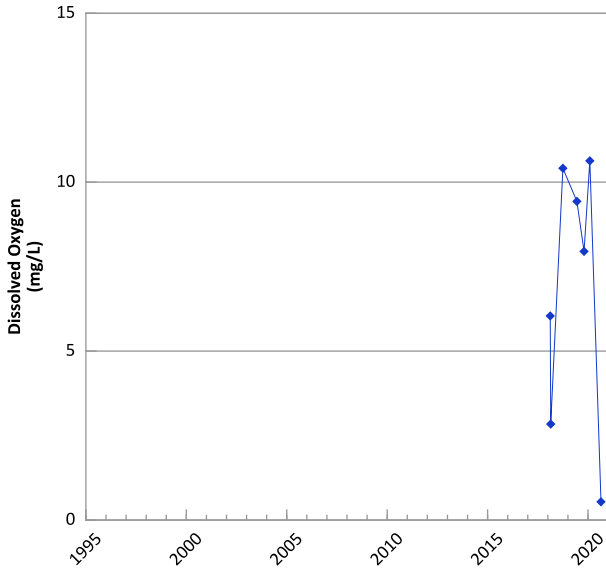
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

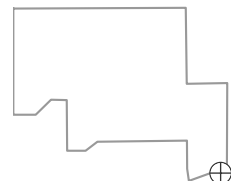


**PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



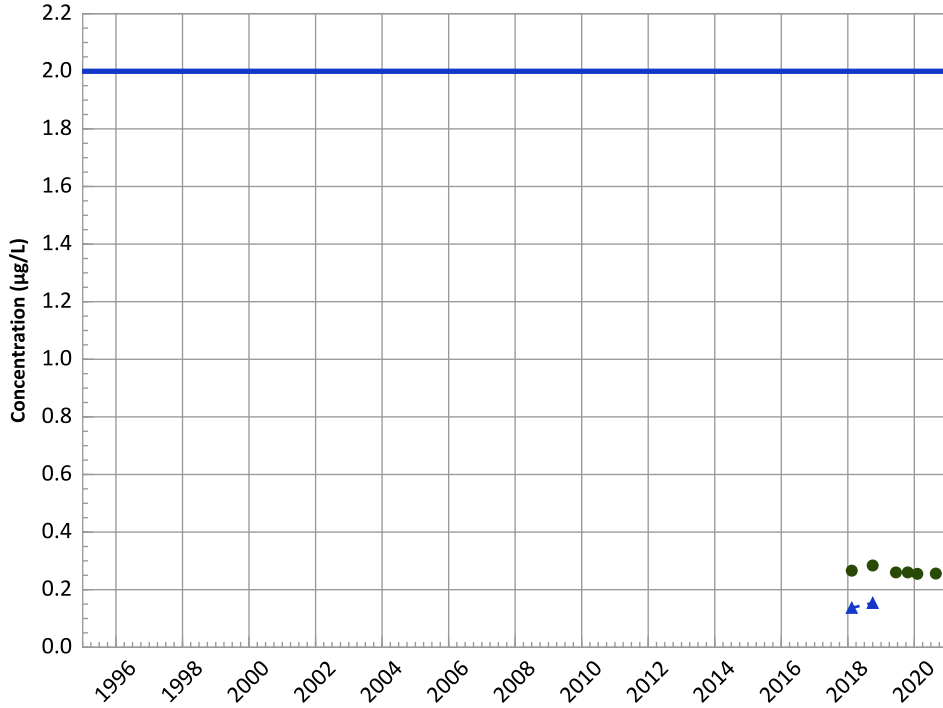
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 02/13/2018 to 08/24/2020
 Analysis Date: 05/19/2021

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

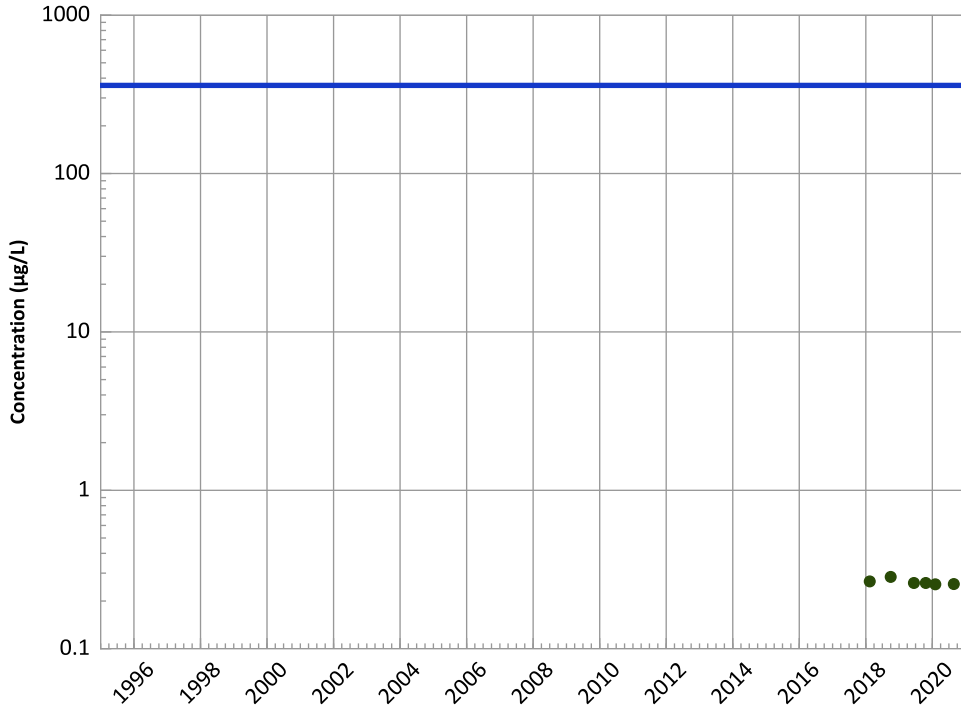


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend

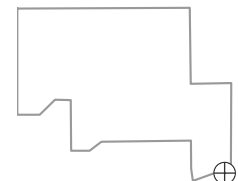


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

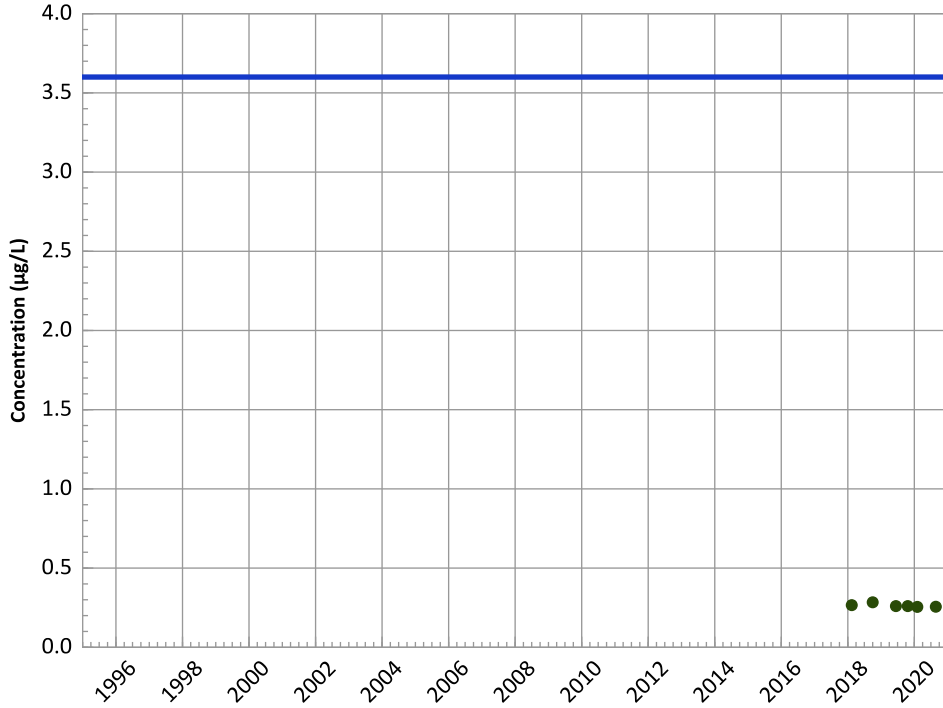


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

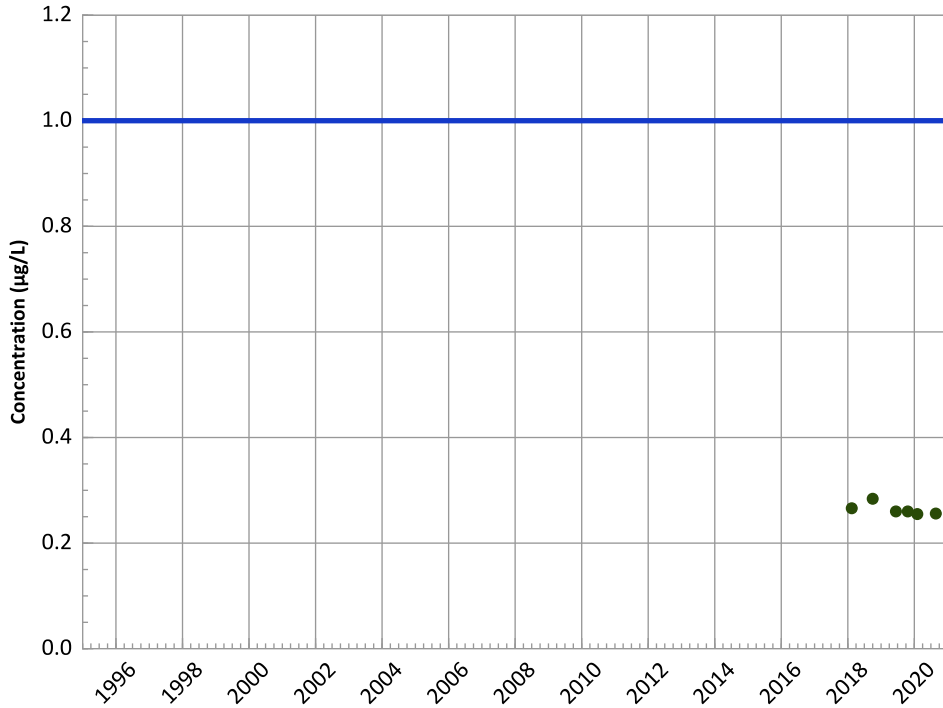
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

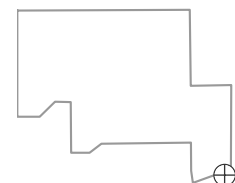
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

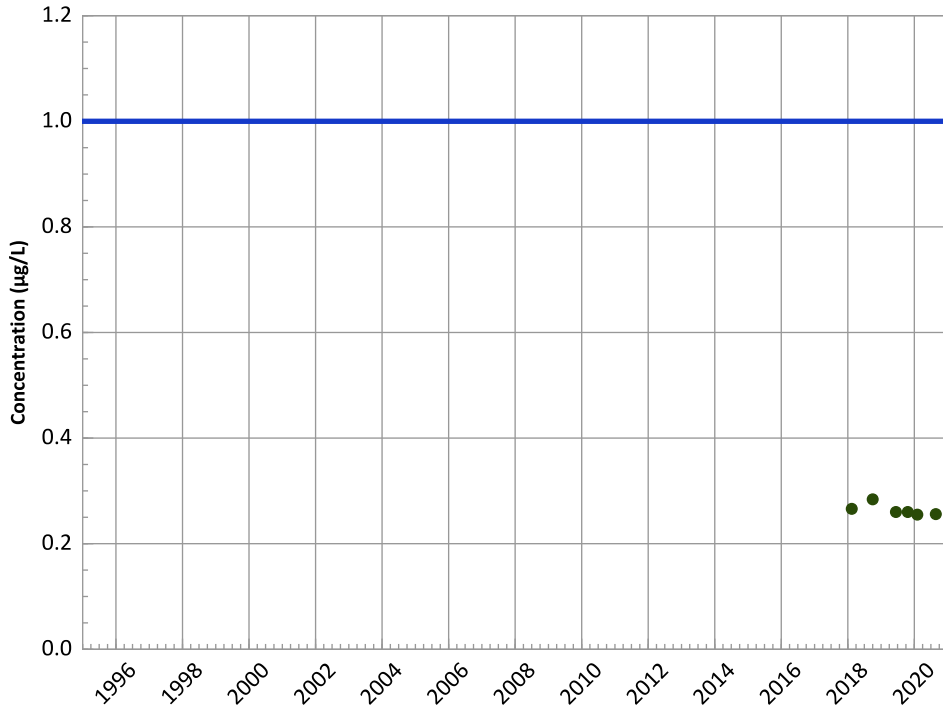


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

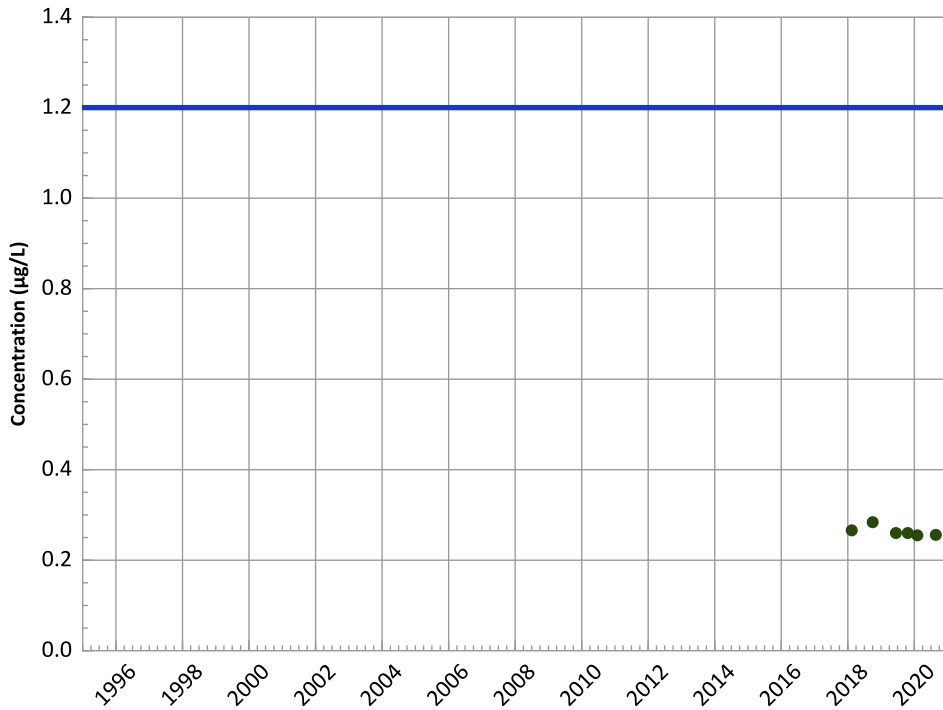
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

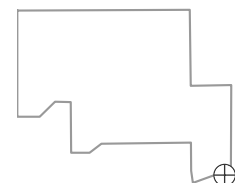
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

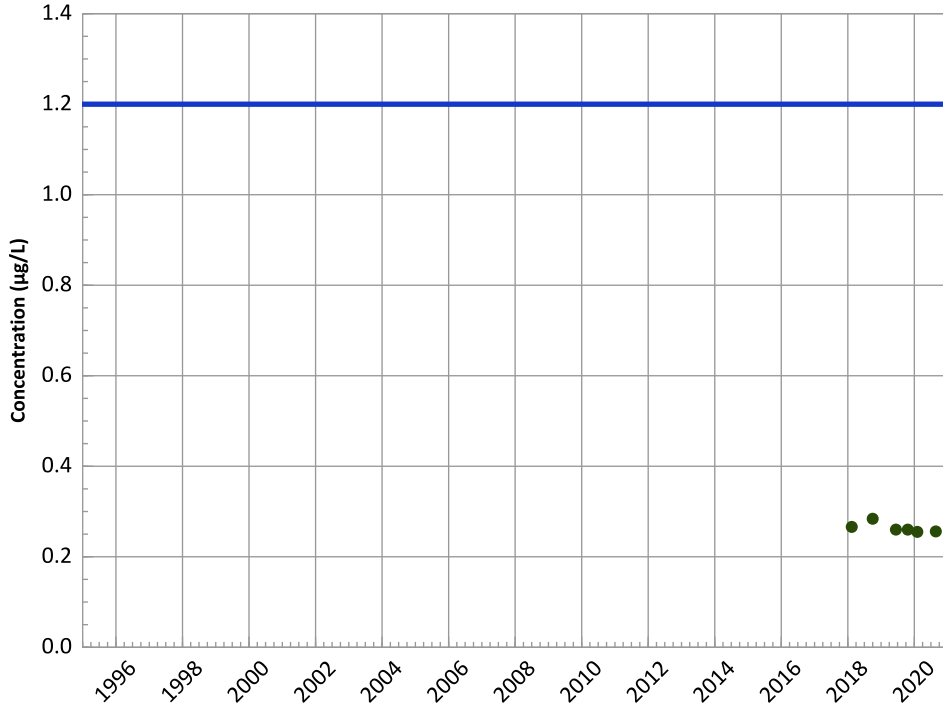


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

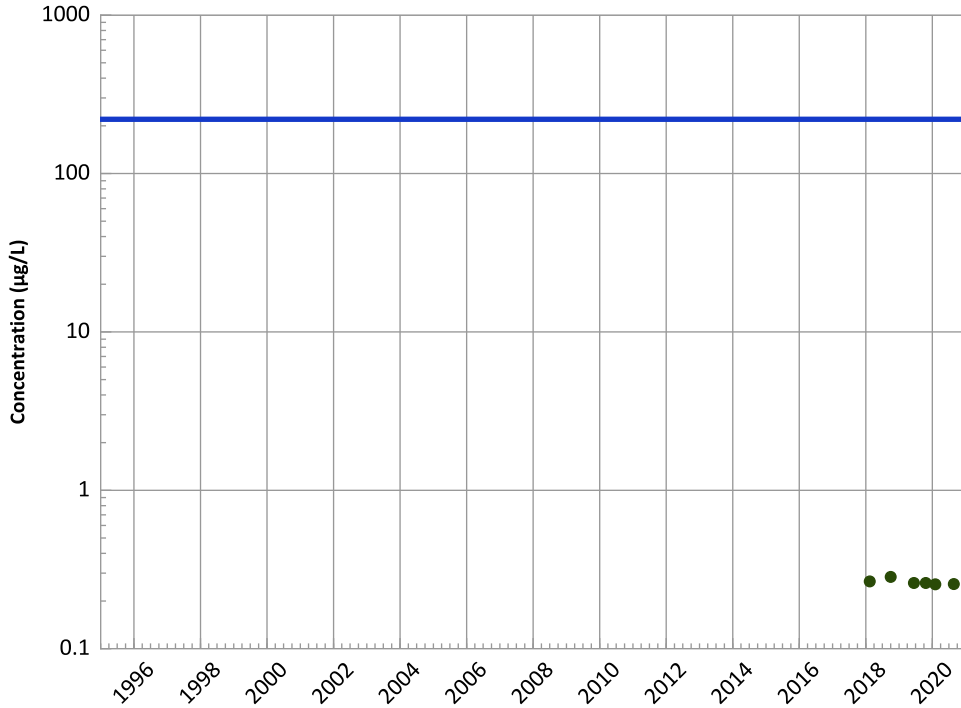
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

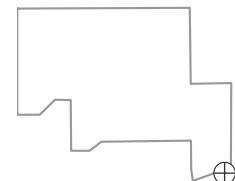
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

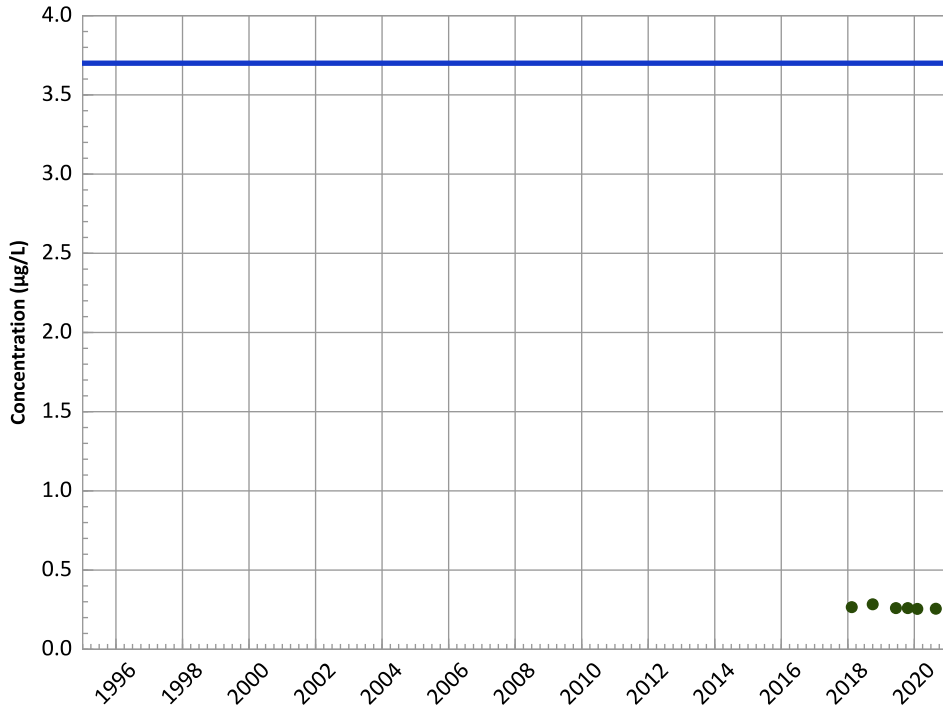


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

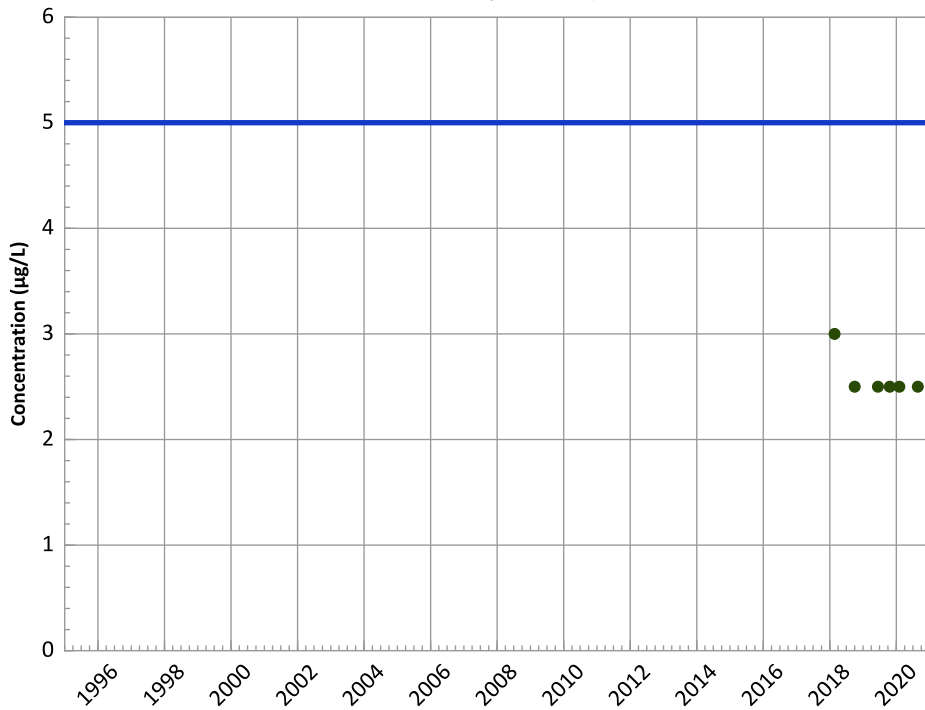
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

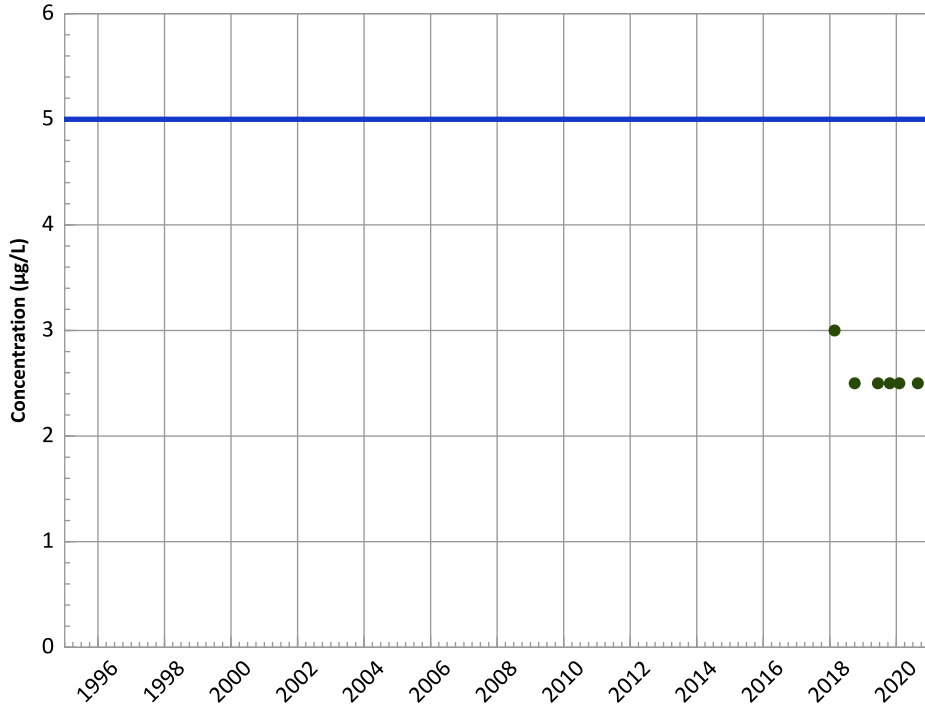
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

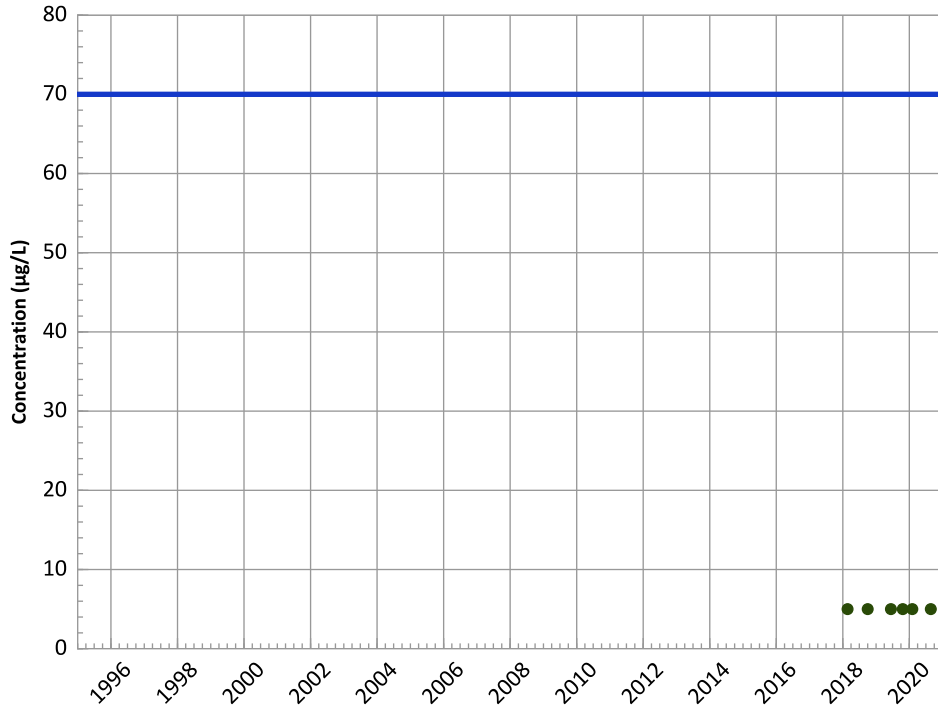
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

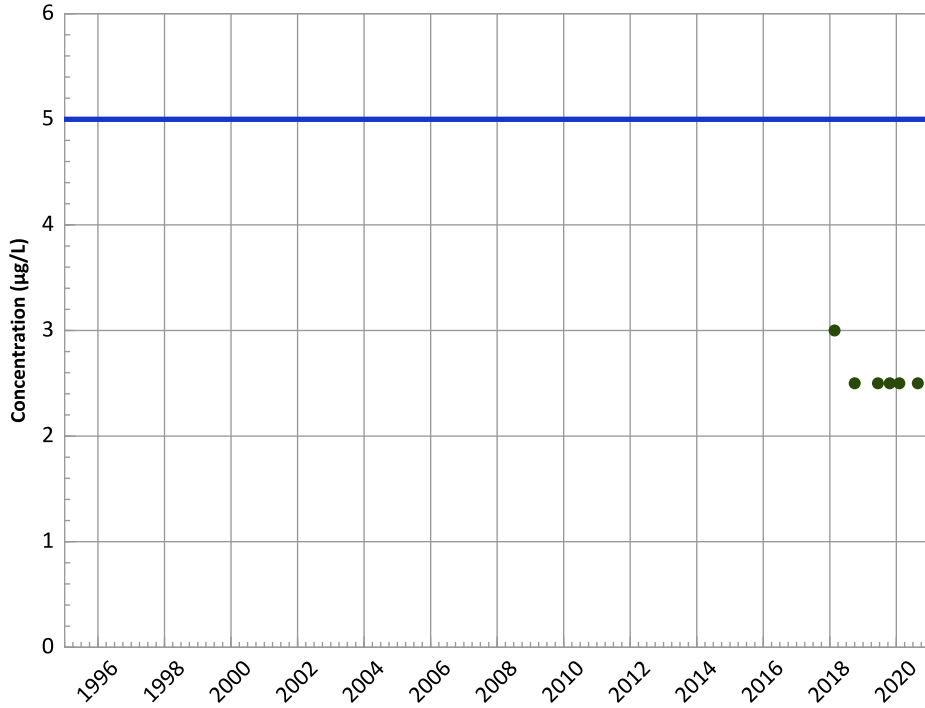
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

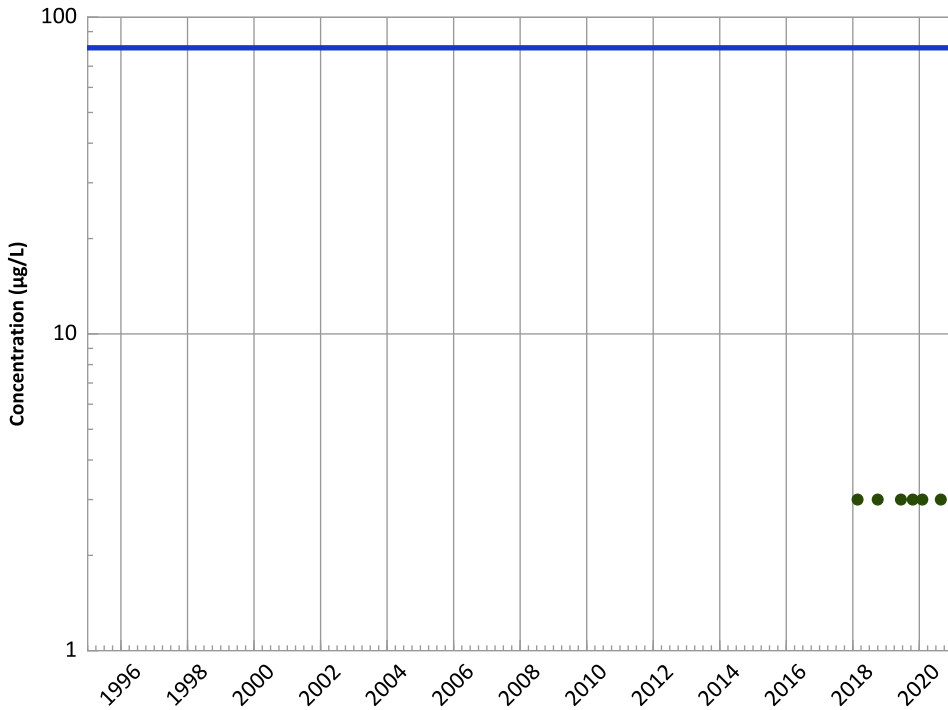
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

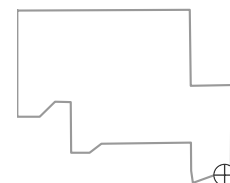
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

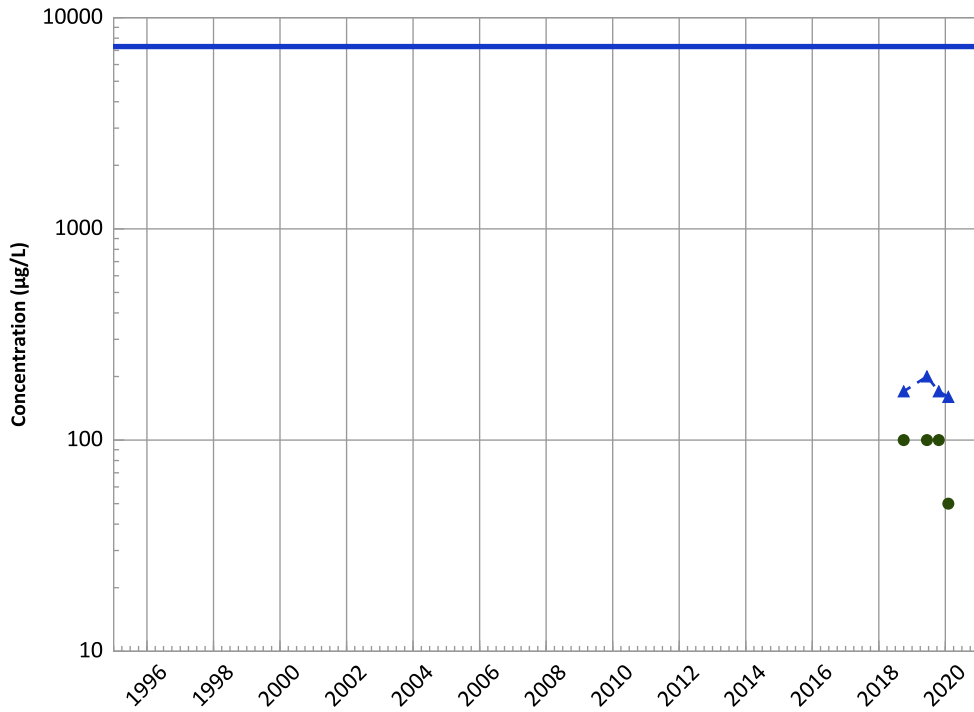
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

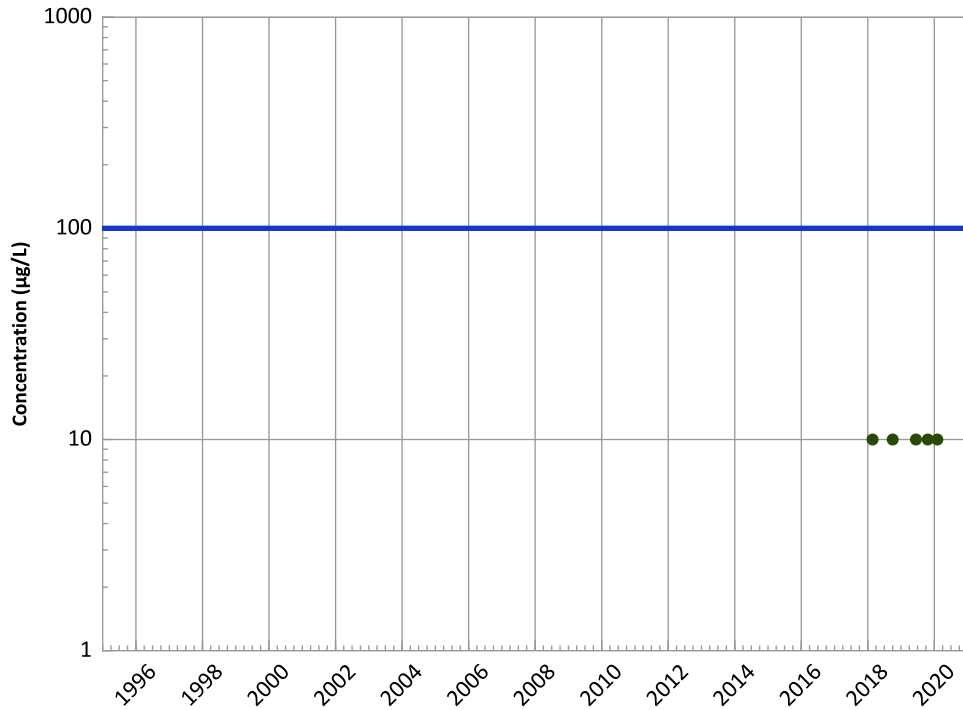


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: Decreasing
All Data: Decreasing

MAROS Linear Regression Method
2018 - 2020 Data: Stable
All Data: Stable

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: All Non-Detect
All Data: All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data: All Non-Detect
All Data: All Non-Detect

Well Location

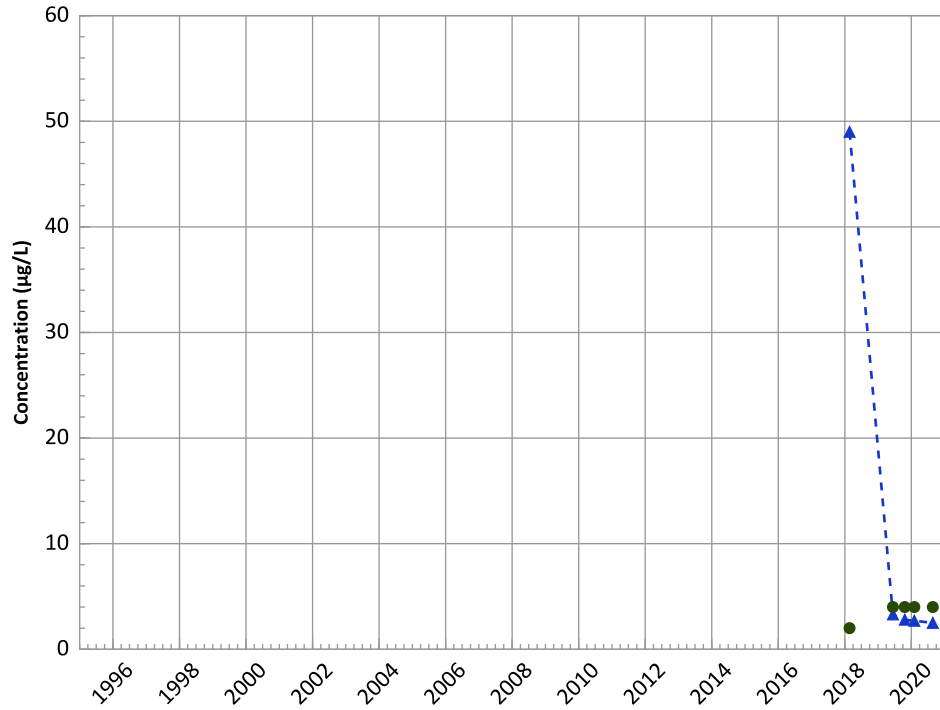


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

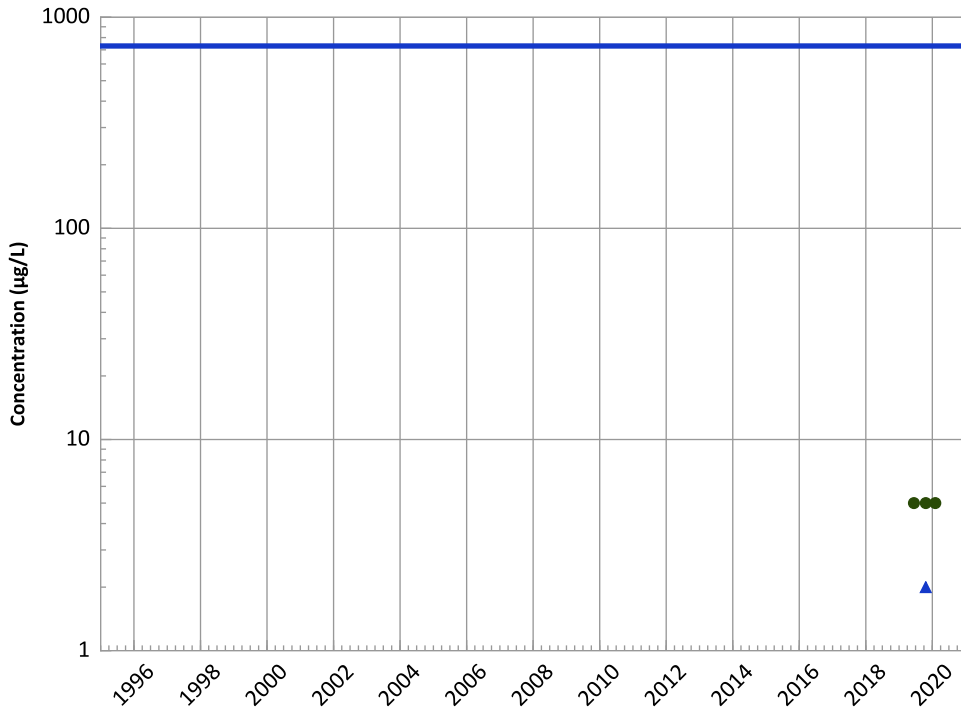
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

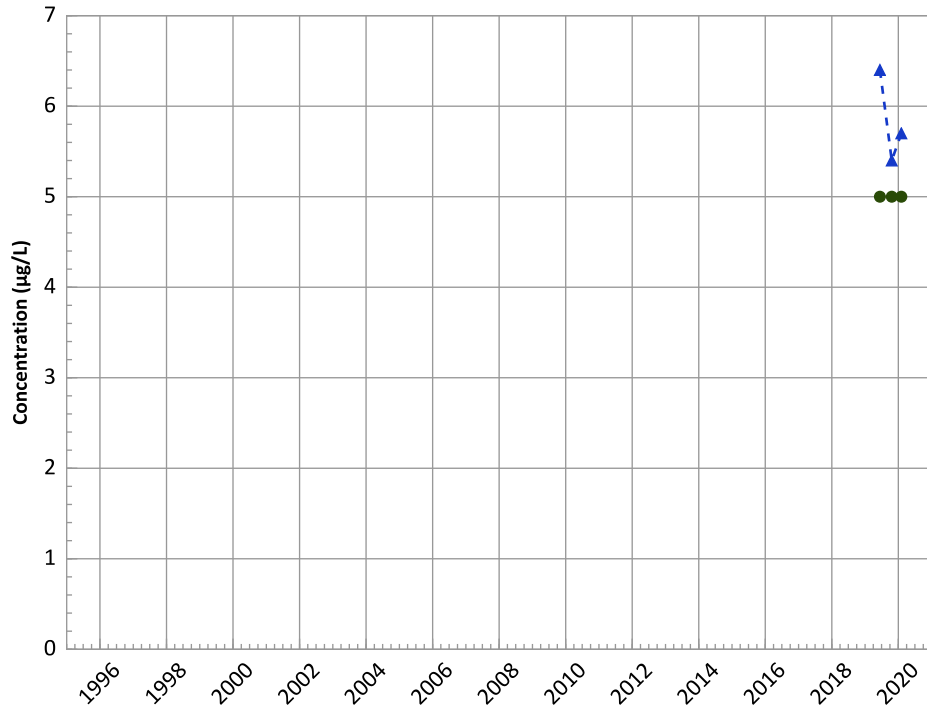
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Samples in Dataset)

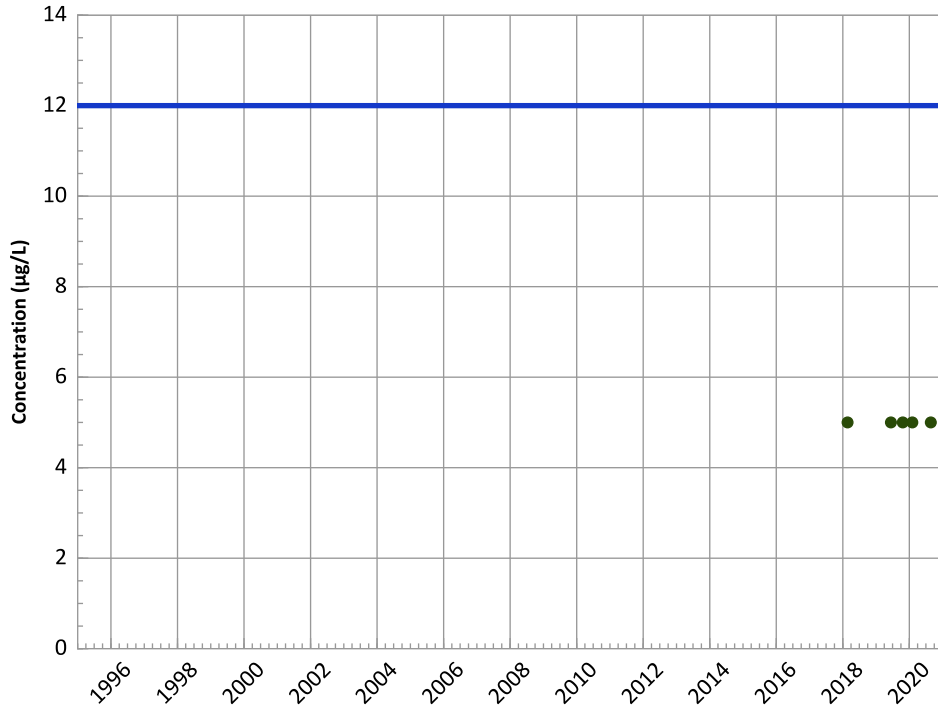
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

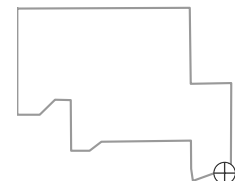
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

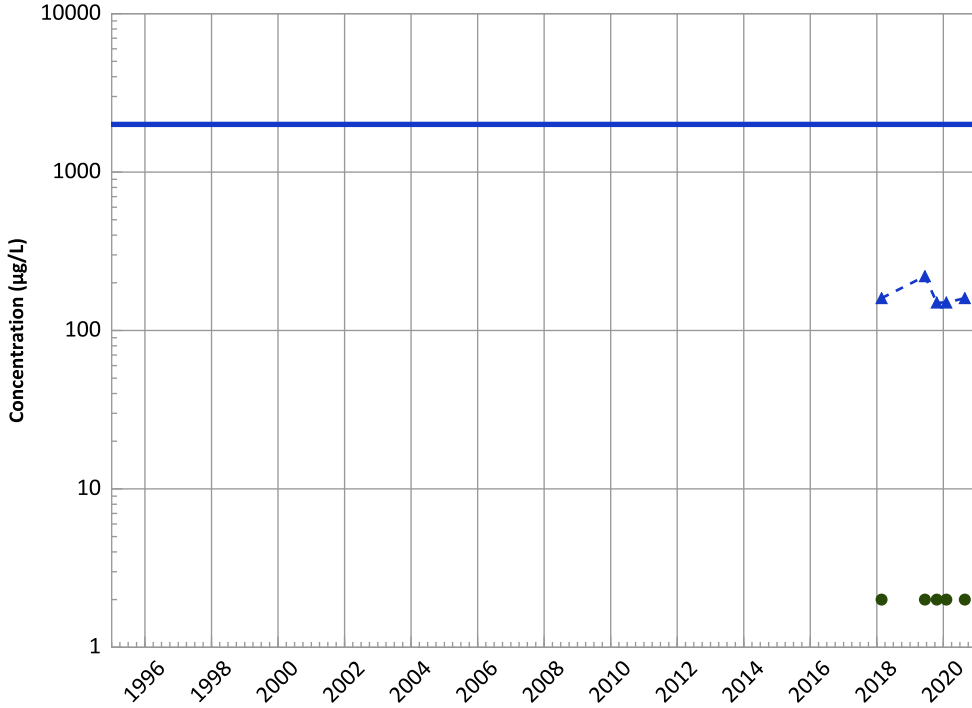


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

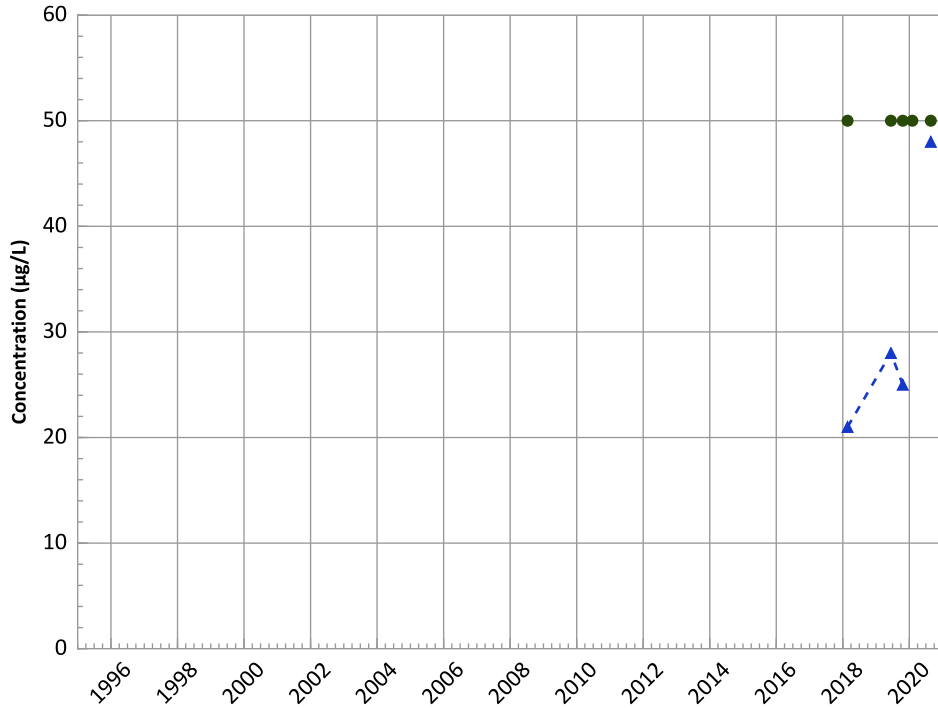
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

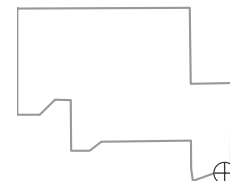
2018 - 2020 Data:

Probably Increasing

All Data:

Probably Increasing

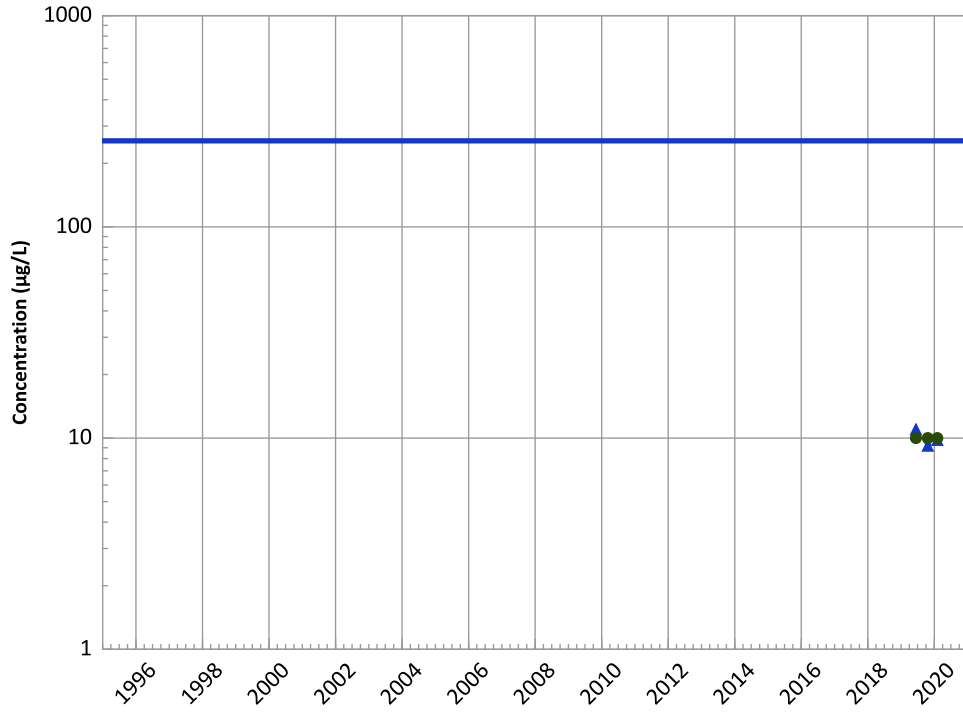
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

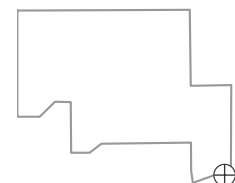
All Data:

N/A (<4 Detections in Dataset)

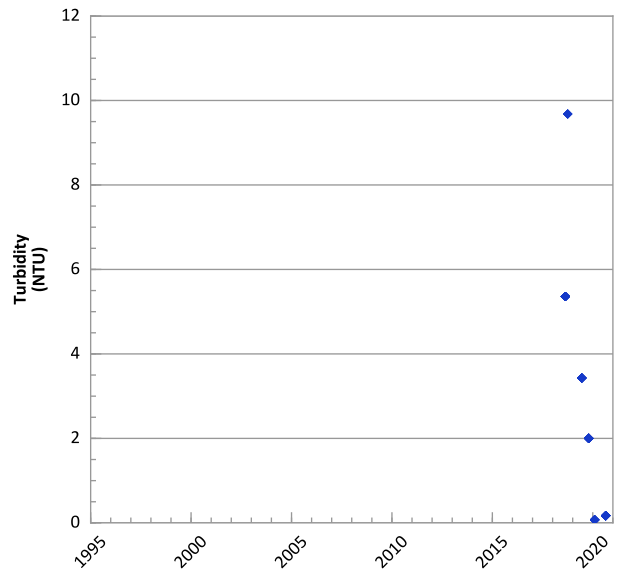
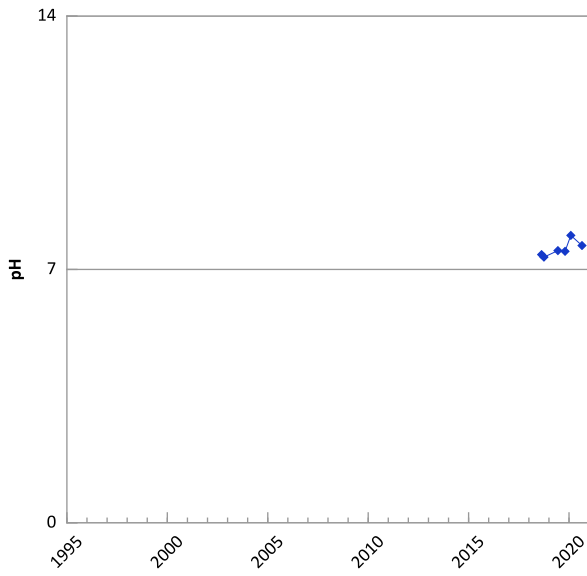
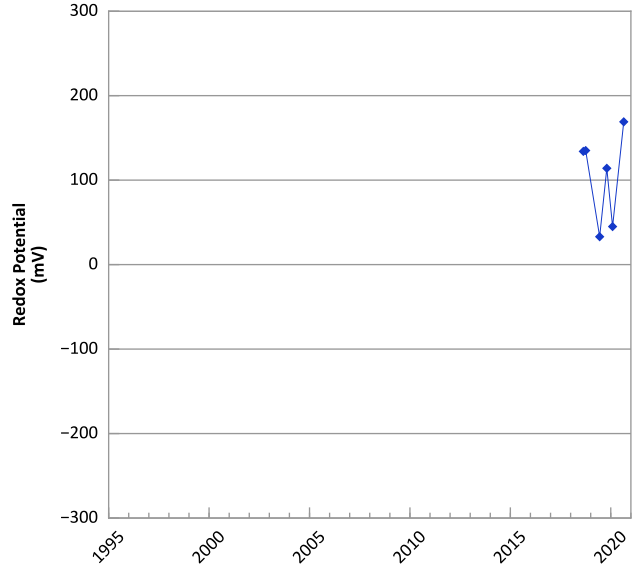
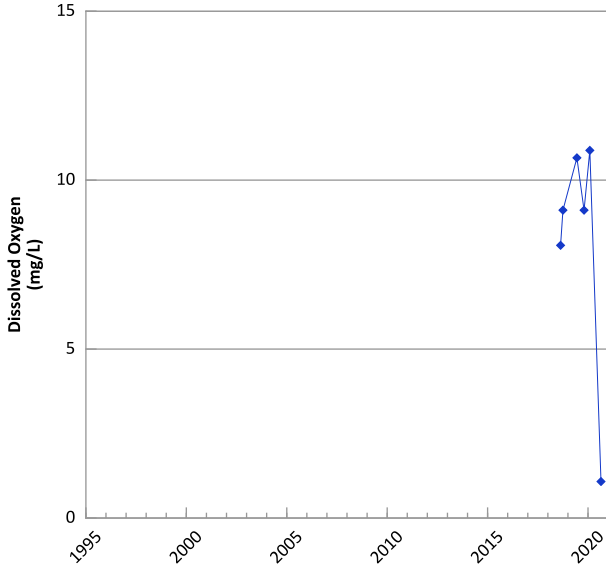
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 02/13/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - - Concentration Trend
- Groundwater Protection Standard

Well Location

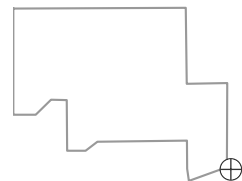


**PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



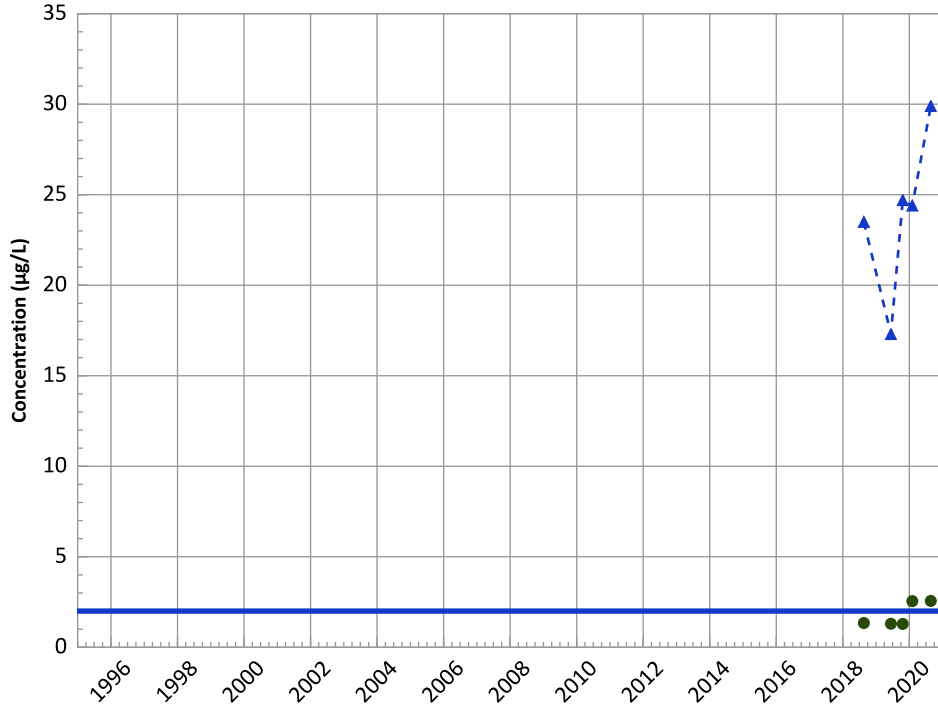
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/20/2018 to 08/24/2020
 Analysis Date: 05/19/2021

Well Location



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

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

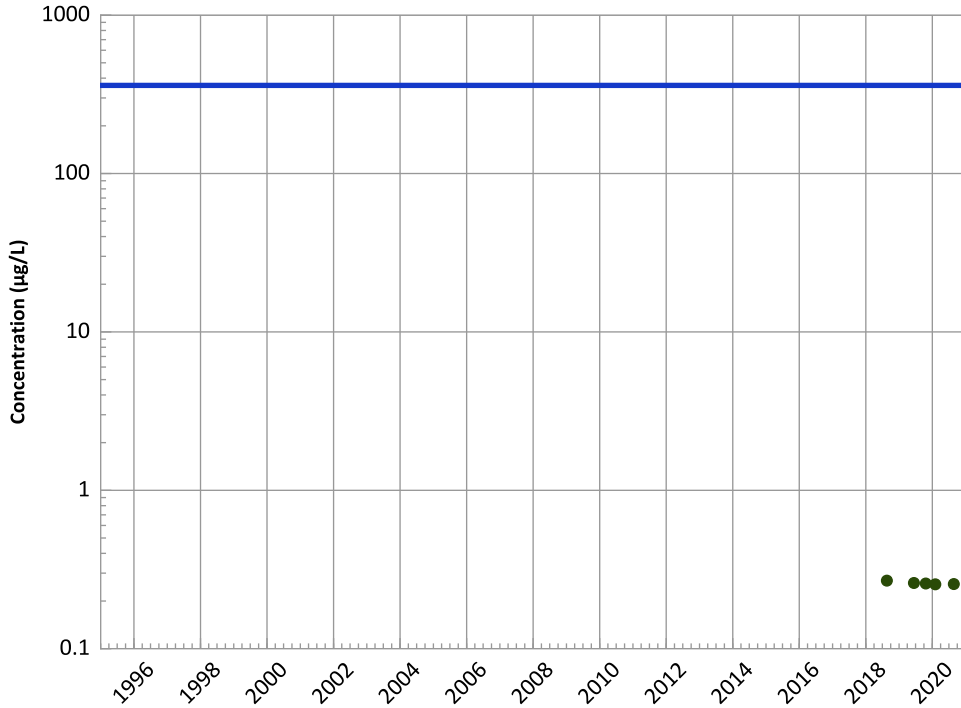
2018 - 2020 Data:

Increasing

All Data:

No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

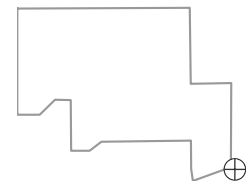
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

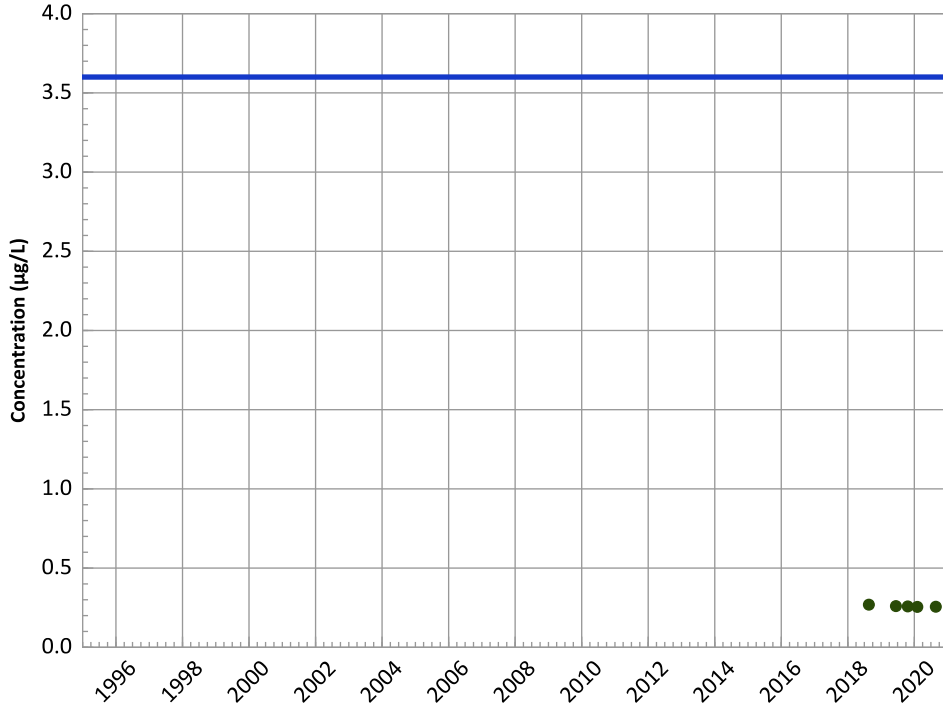
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

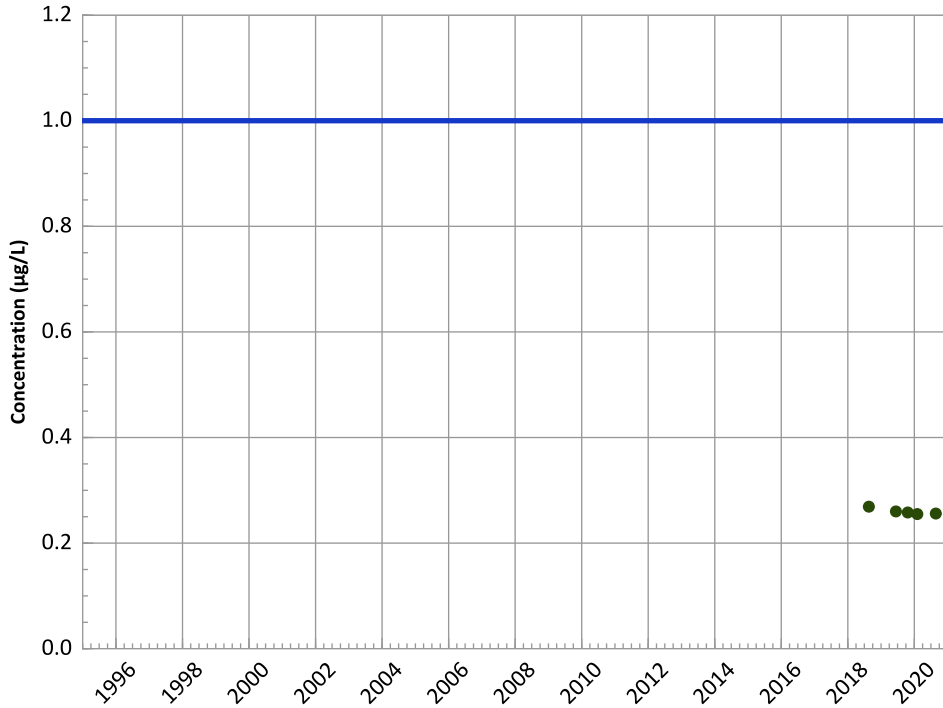
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

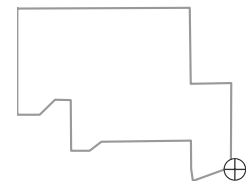
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

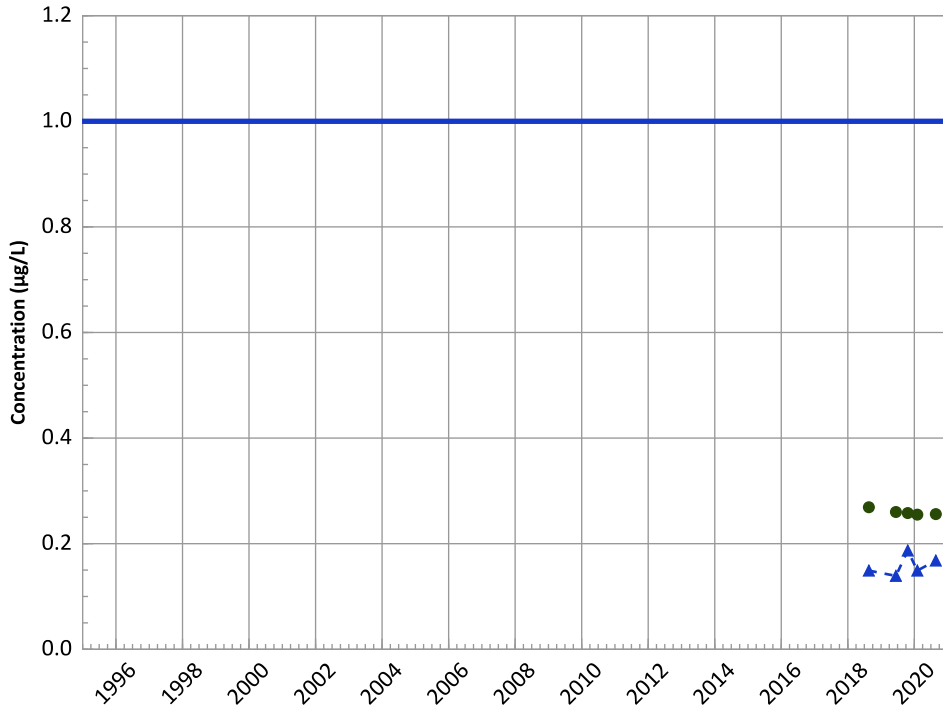


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

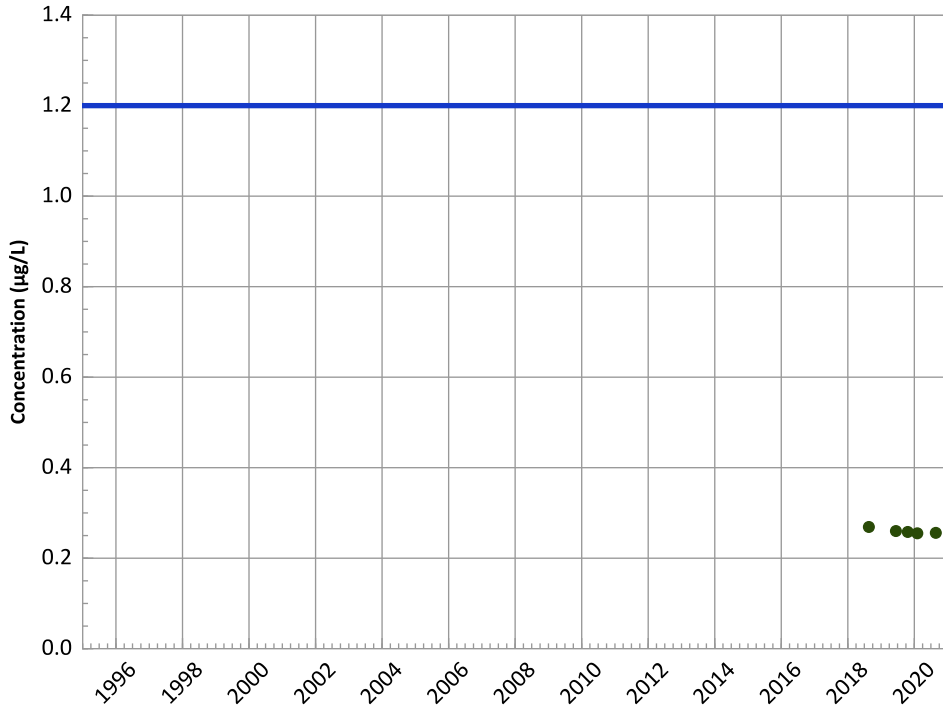


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

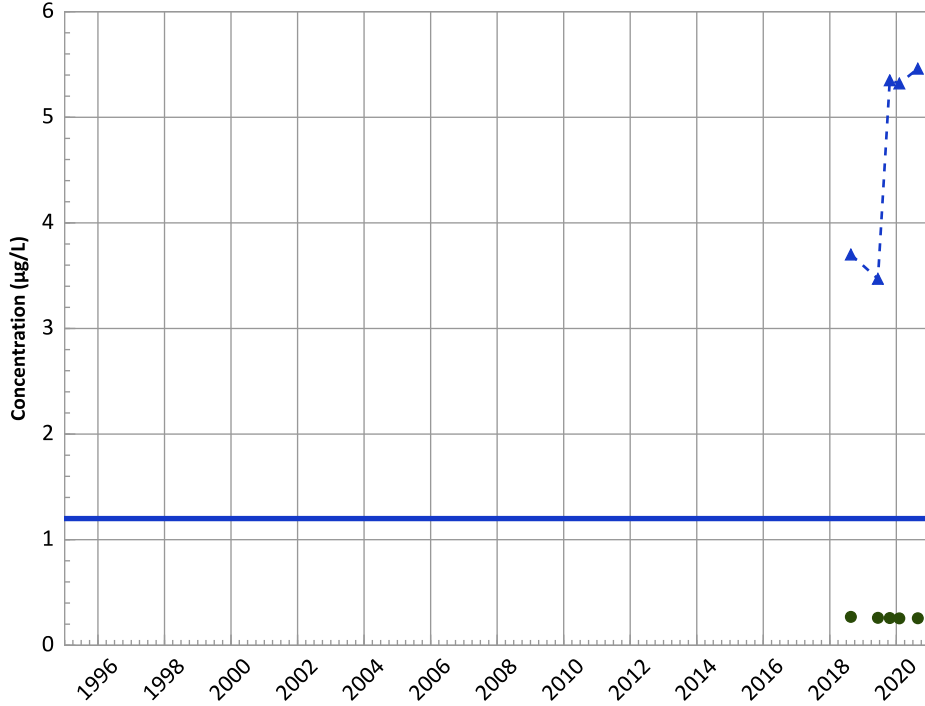


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

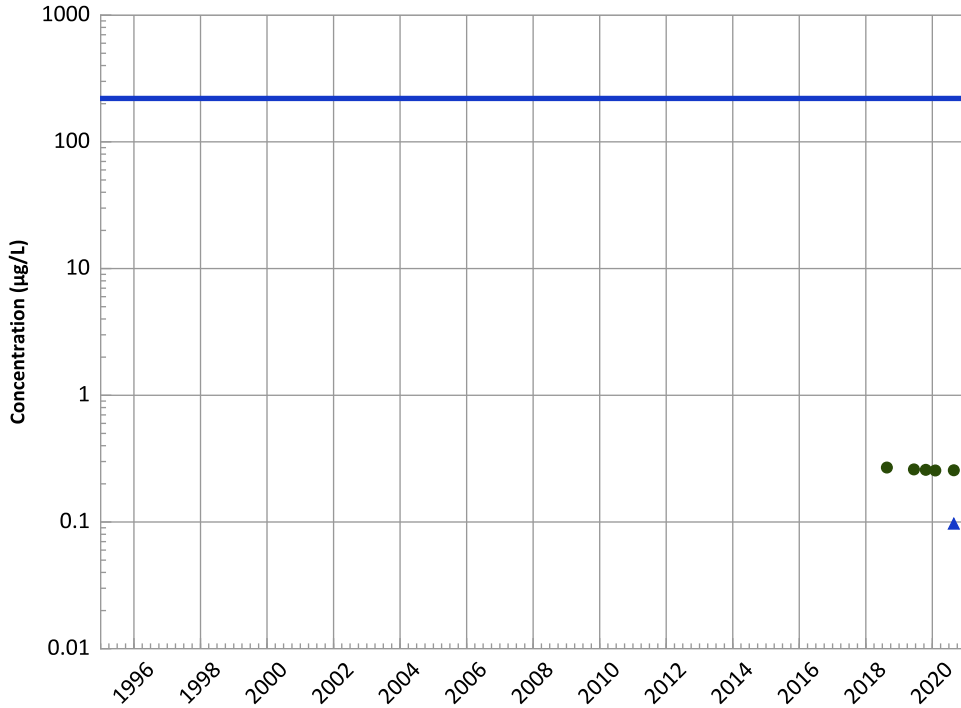
2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

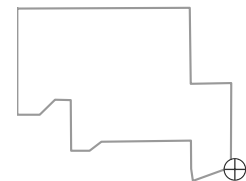
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

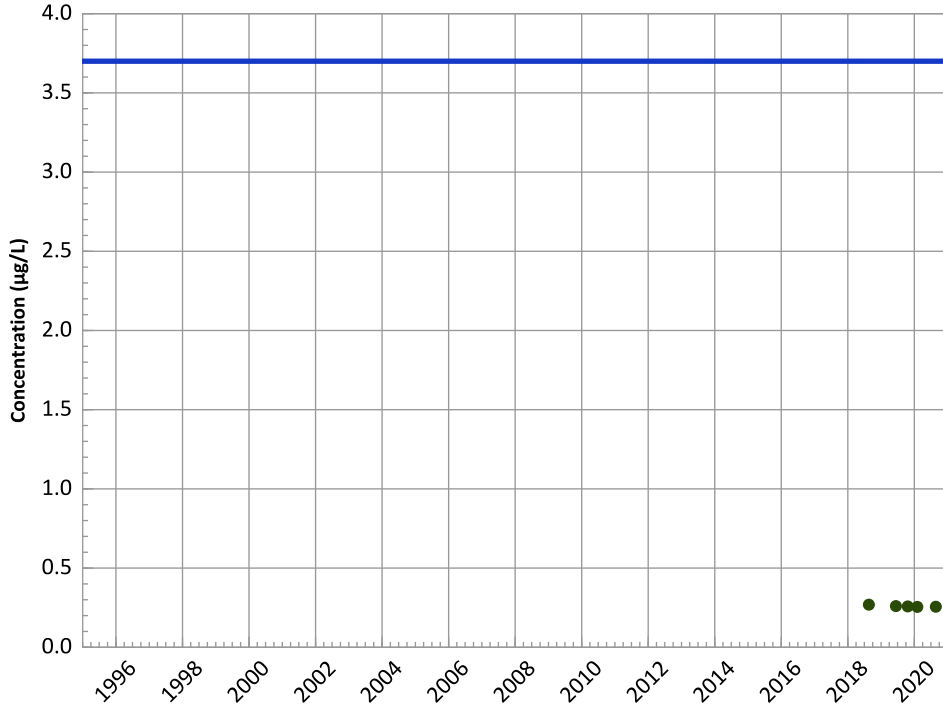


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

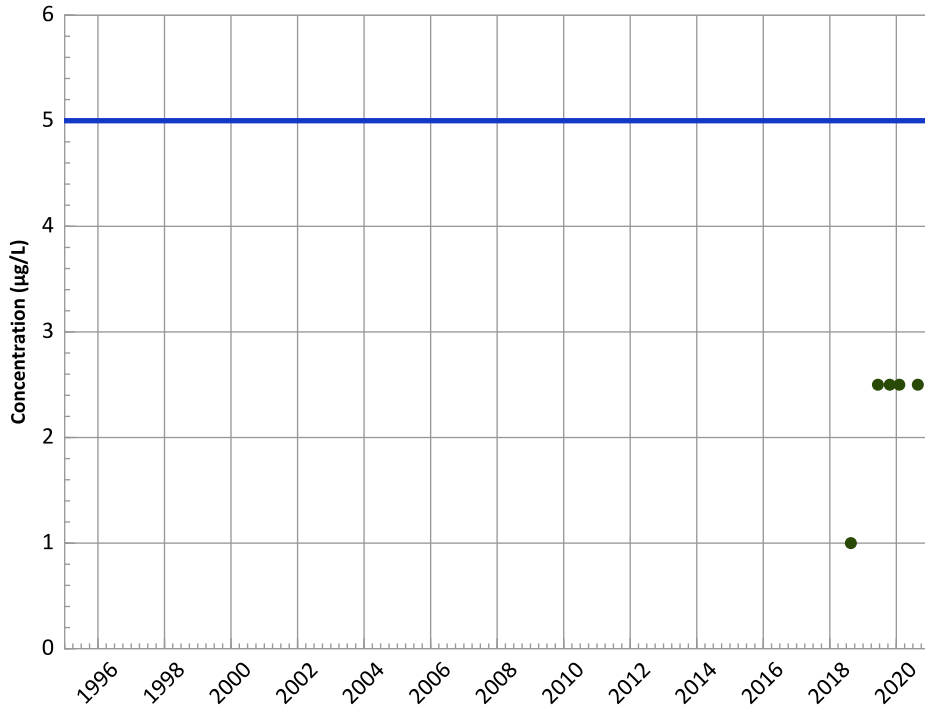
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

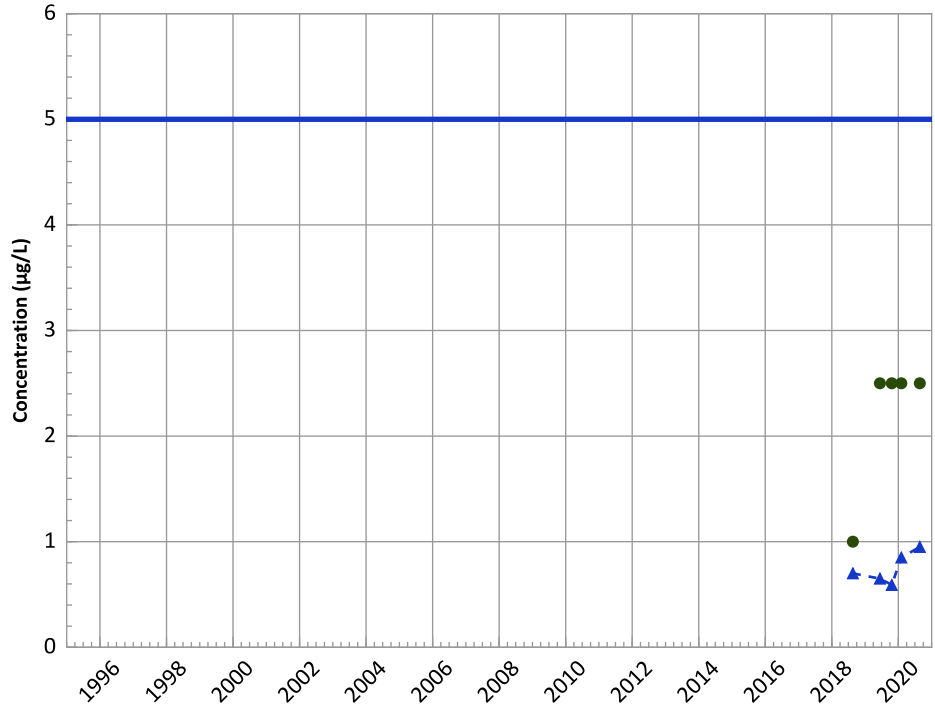


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

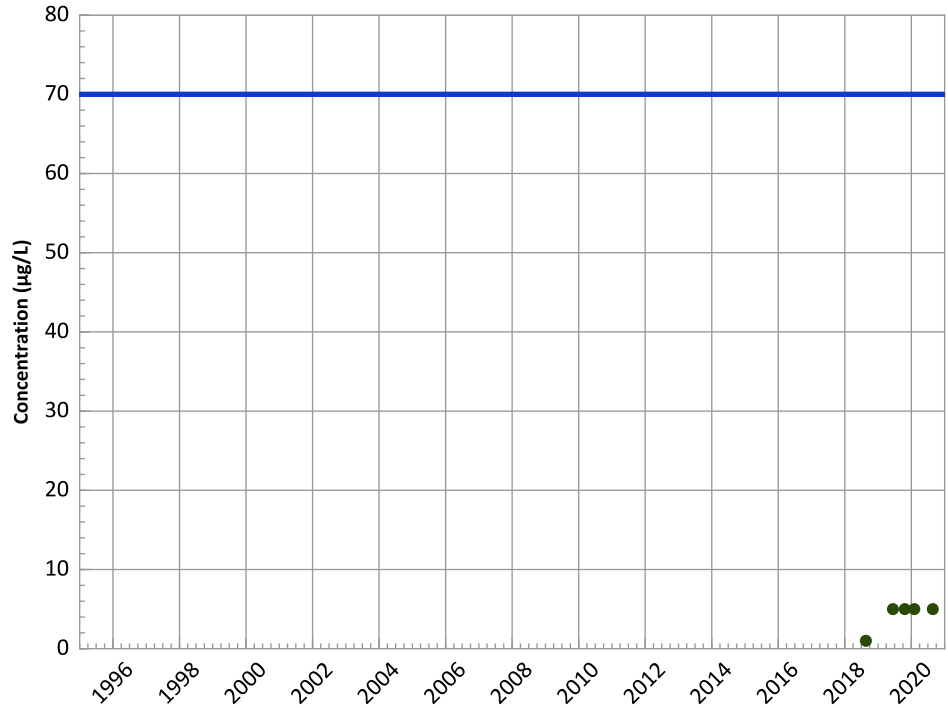
2018 - 2020 Data:

No Trend

All Data:

No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

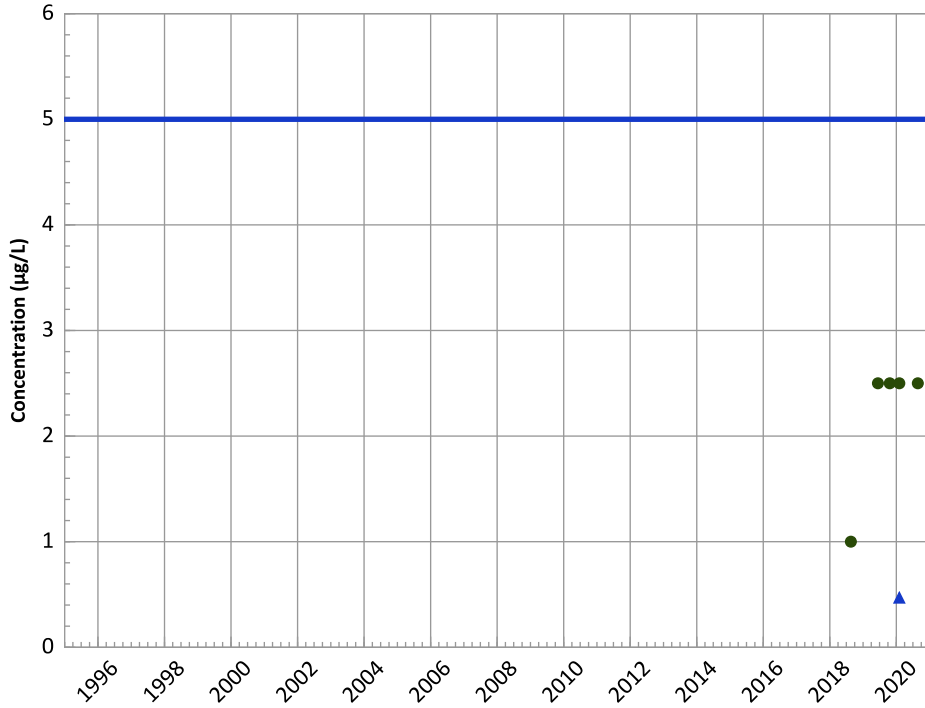
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ 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**

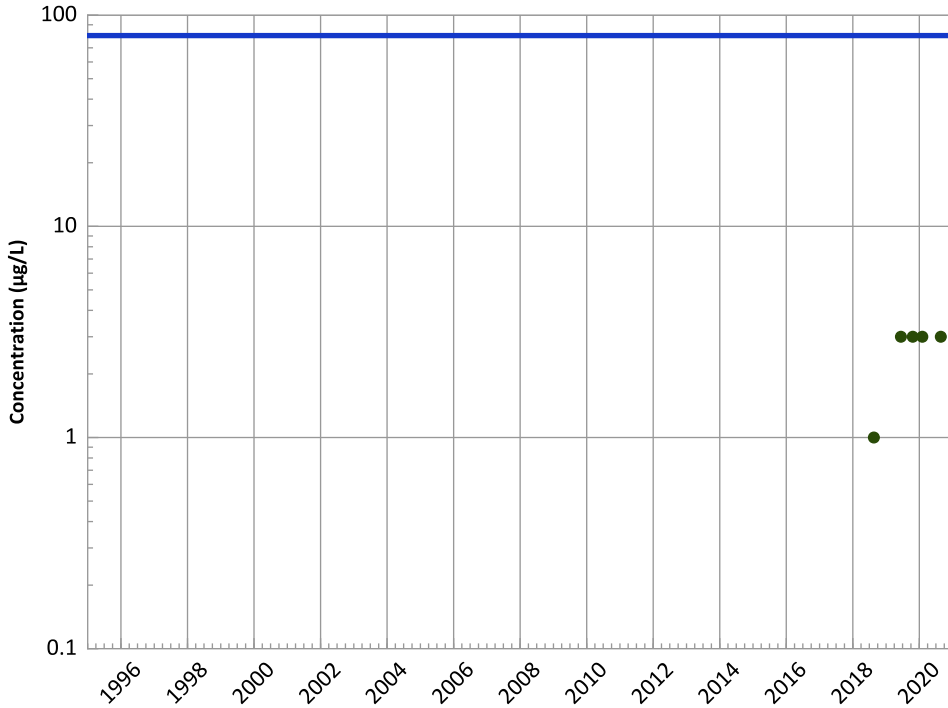


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

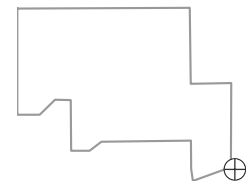


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

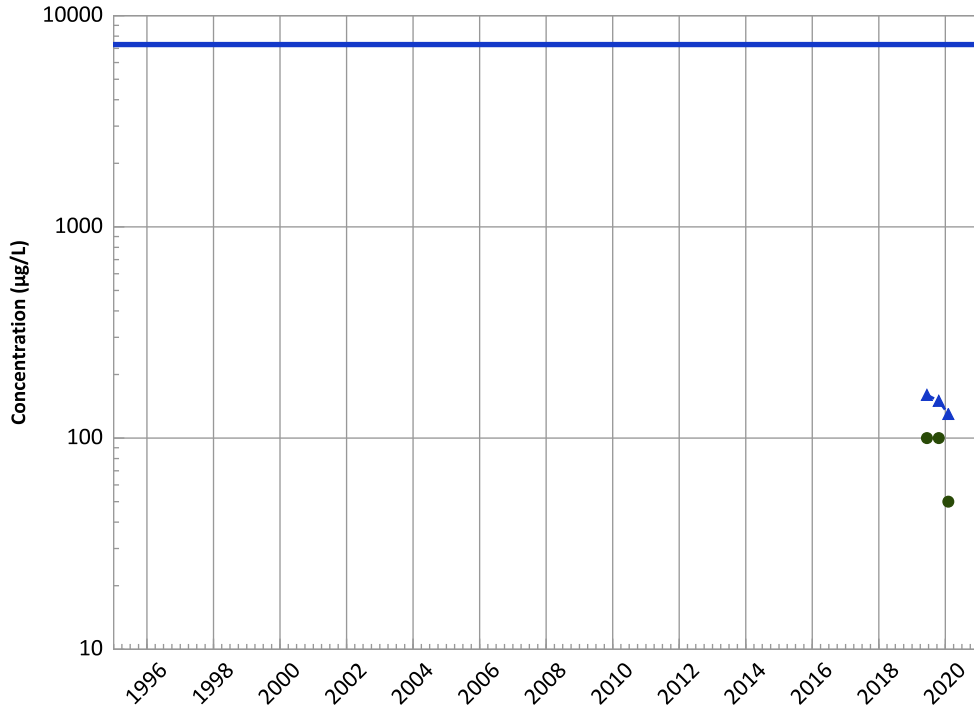
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

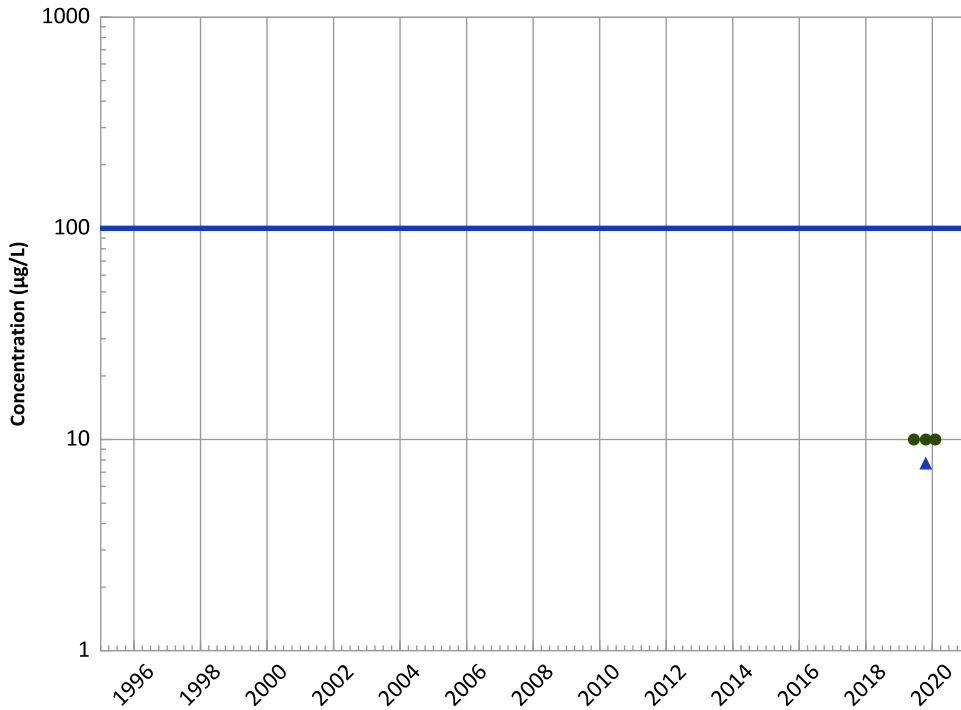


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend

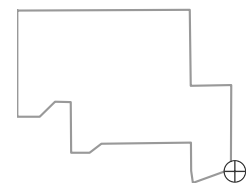


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

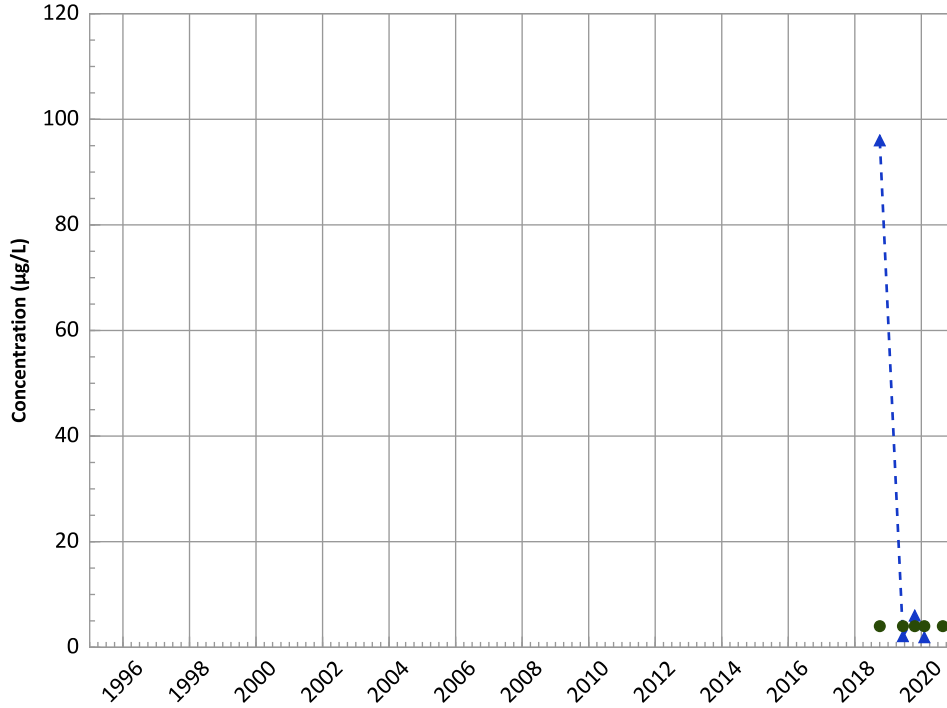


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

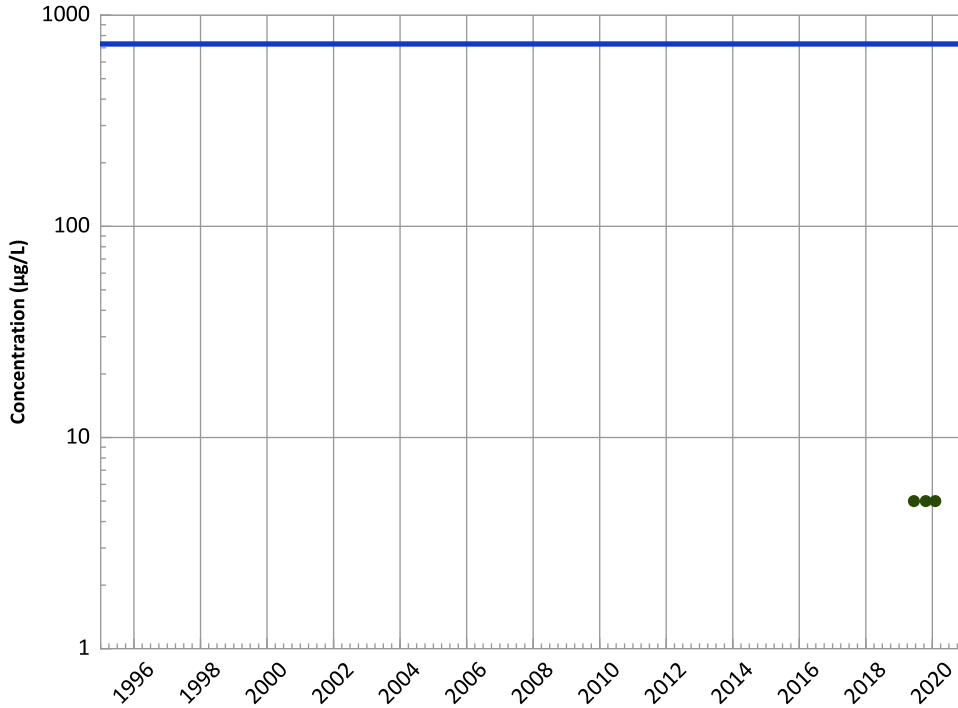


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Probably Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

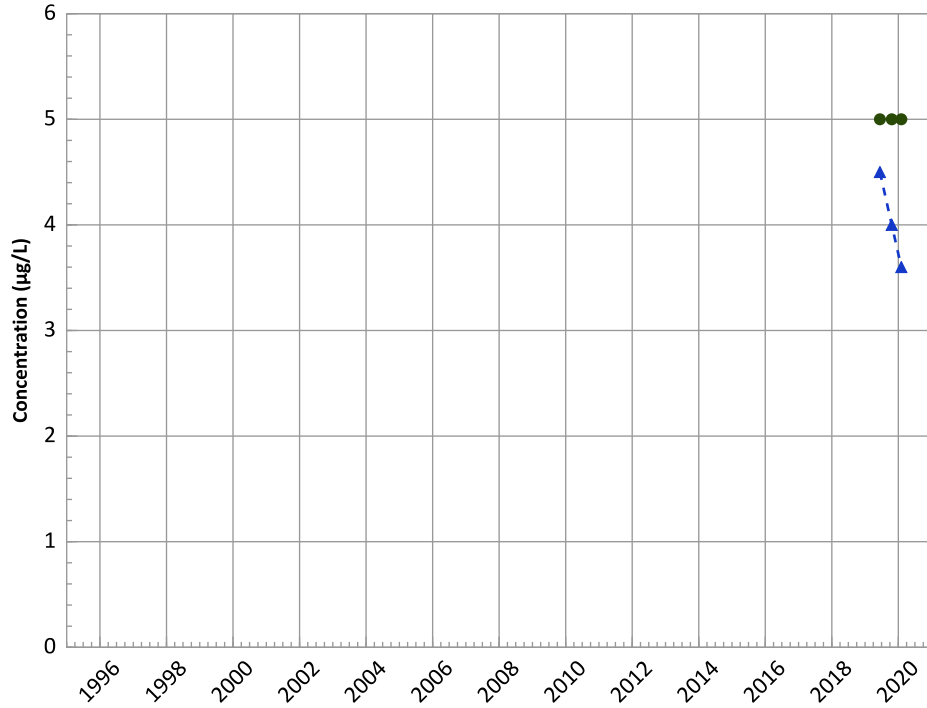
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Molybdenum Trend**

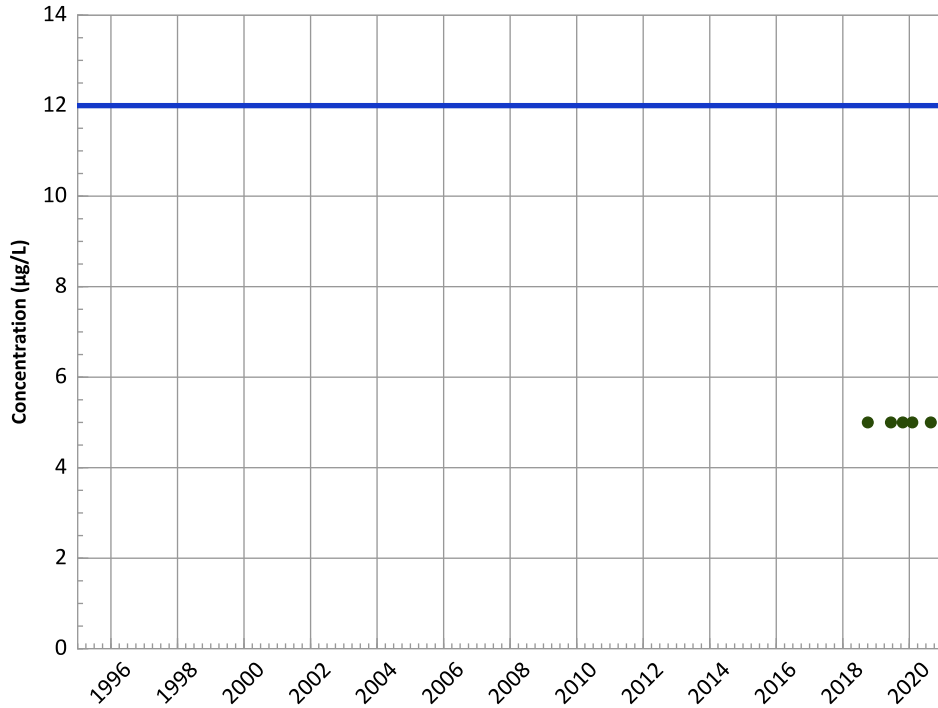


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

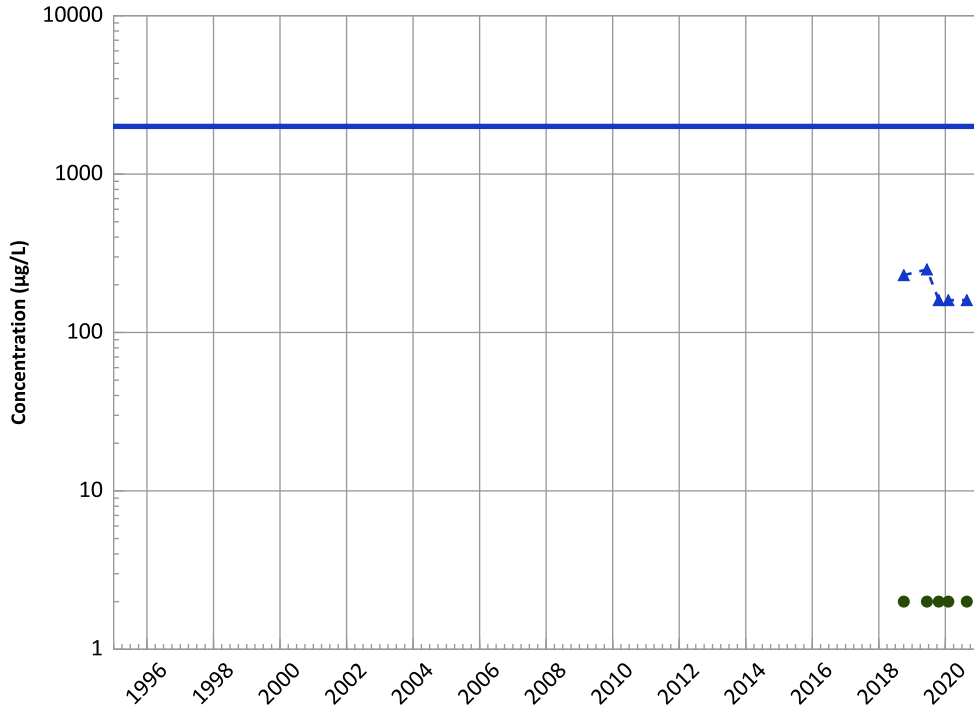


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

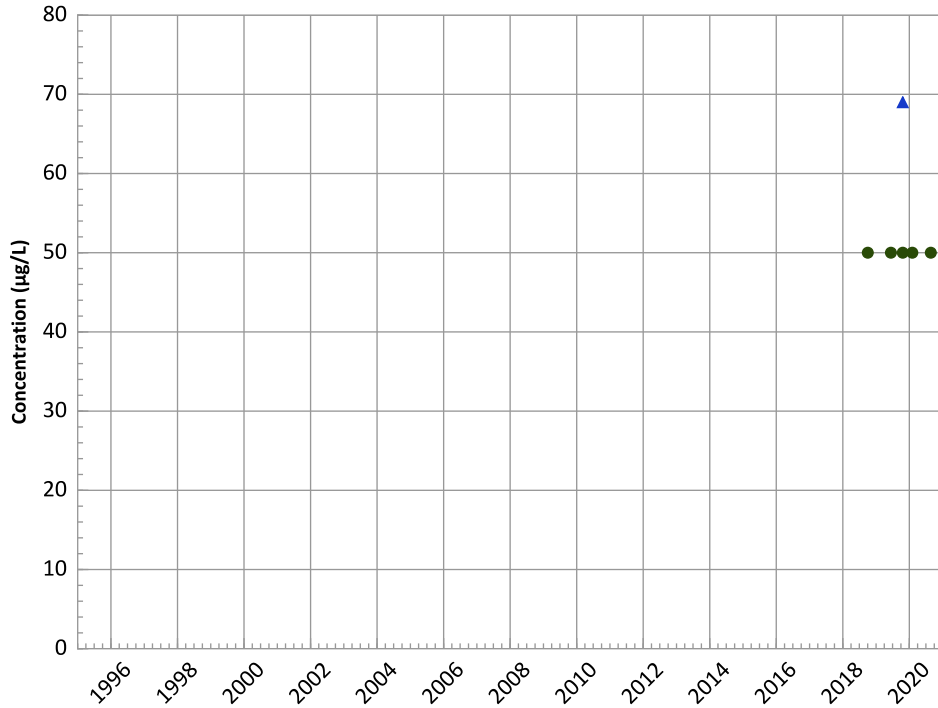
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Probably Decreasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

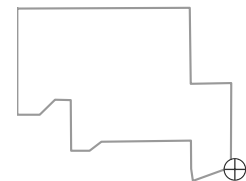
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
N/A (<4 Detections in Dataset)

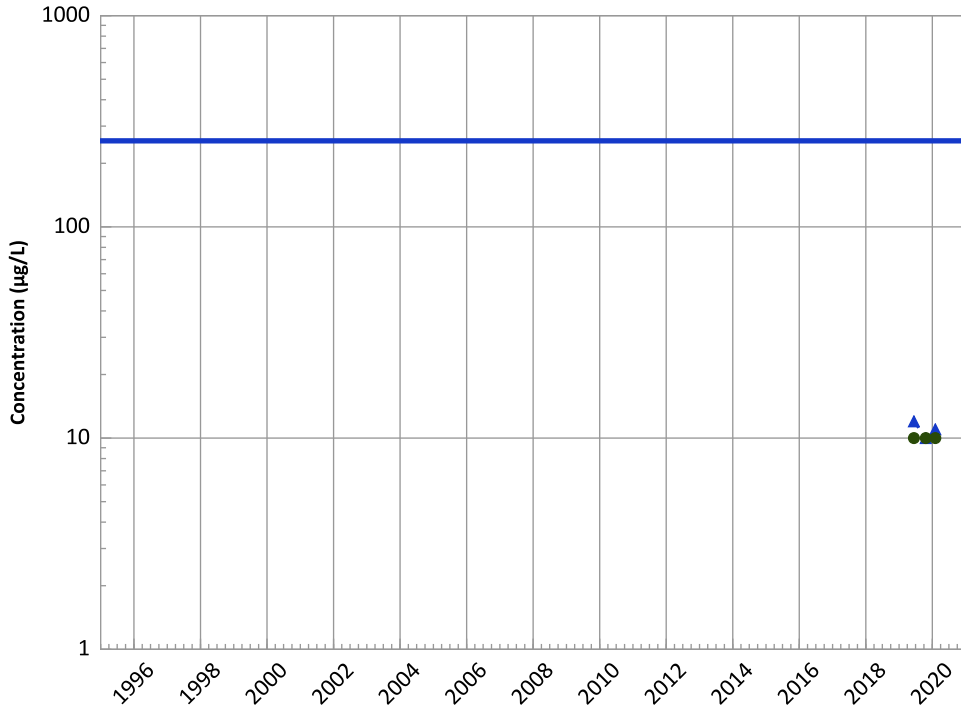
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Samples in Dataset)

All Data:

N/A (<4 Samples in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

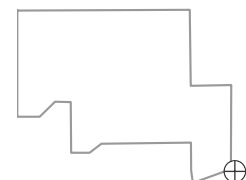
All Data:

N/A (<4 Detections in Dataset)

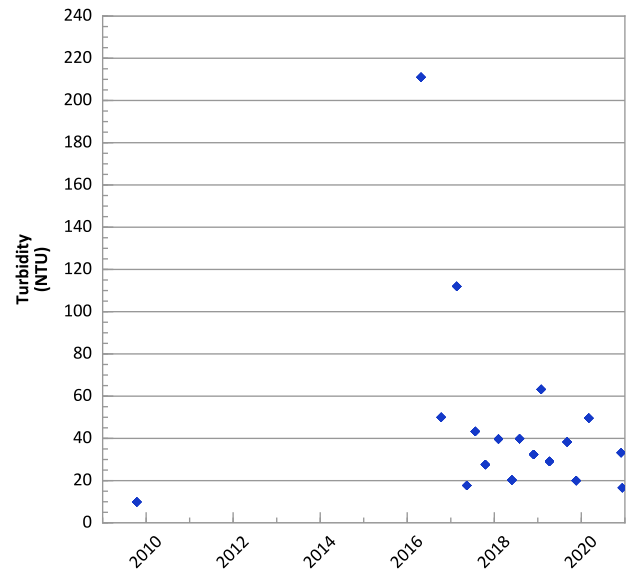
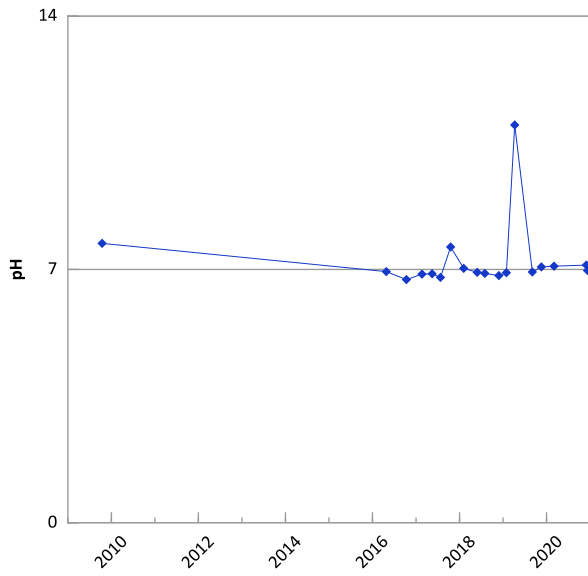
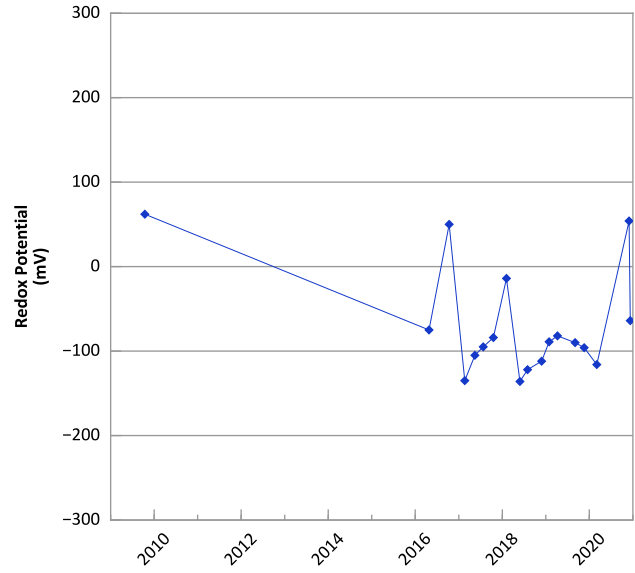
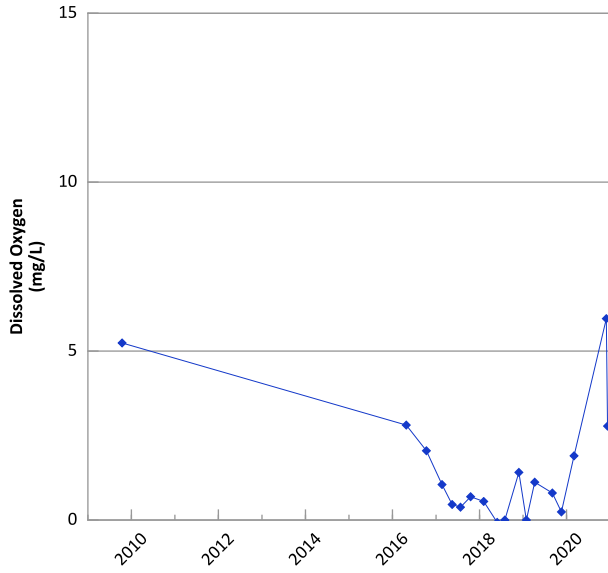
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/20/2018 to 08/24/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

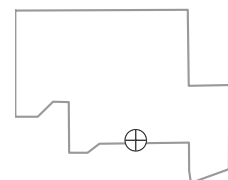


**PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**

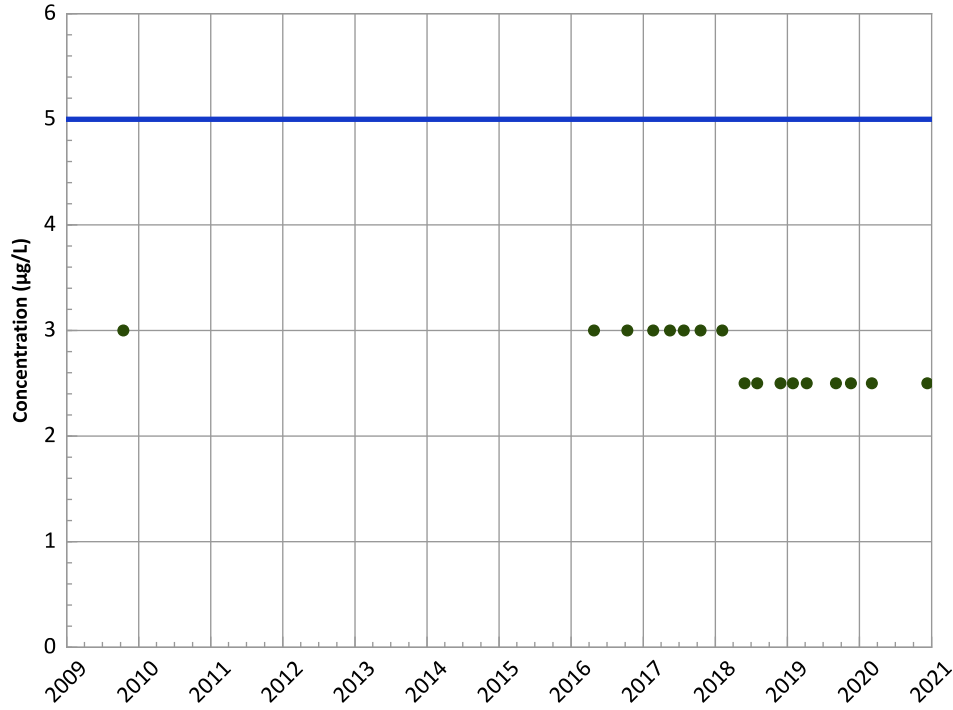


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/15/2009 to 12/10/2020
 Analysis Date: 05/19/2021

Well Location



**PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

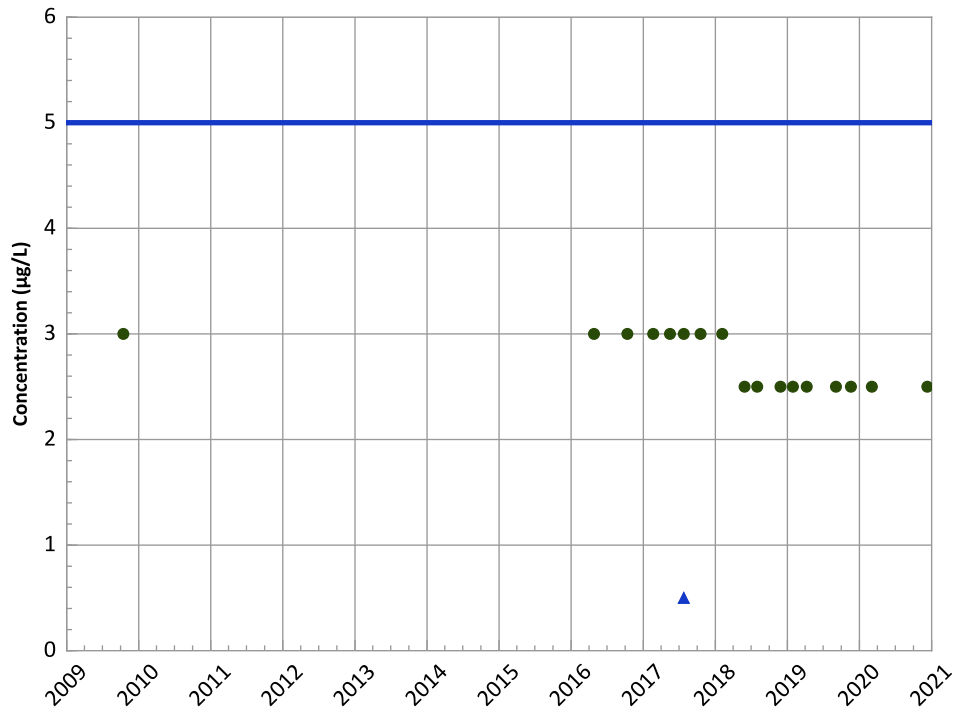
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

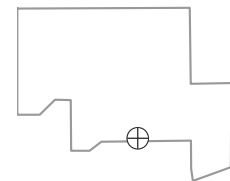
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

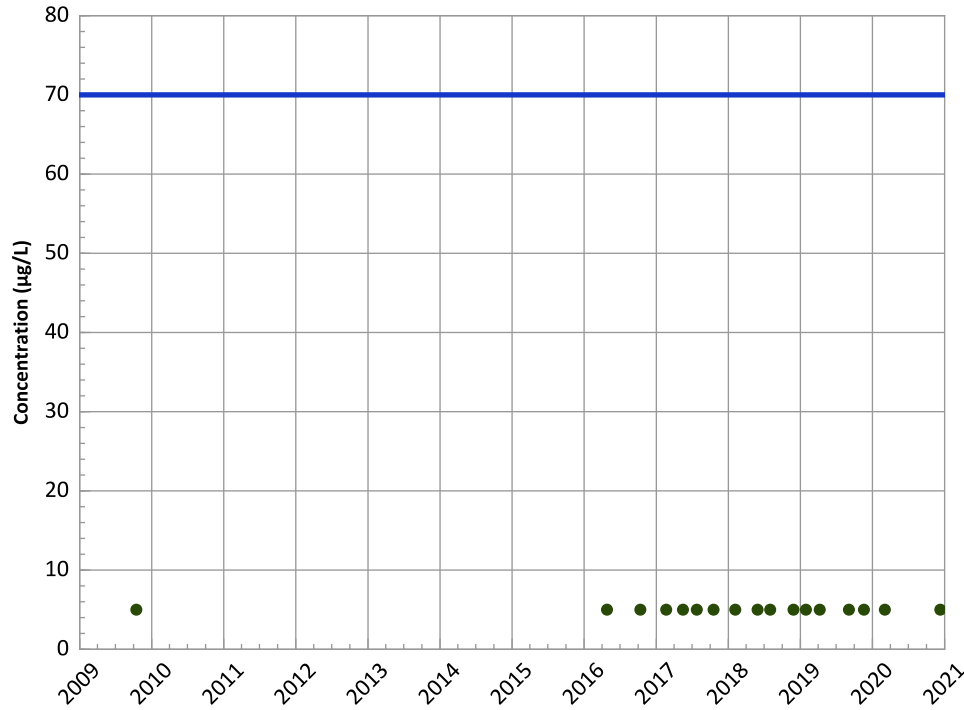


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

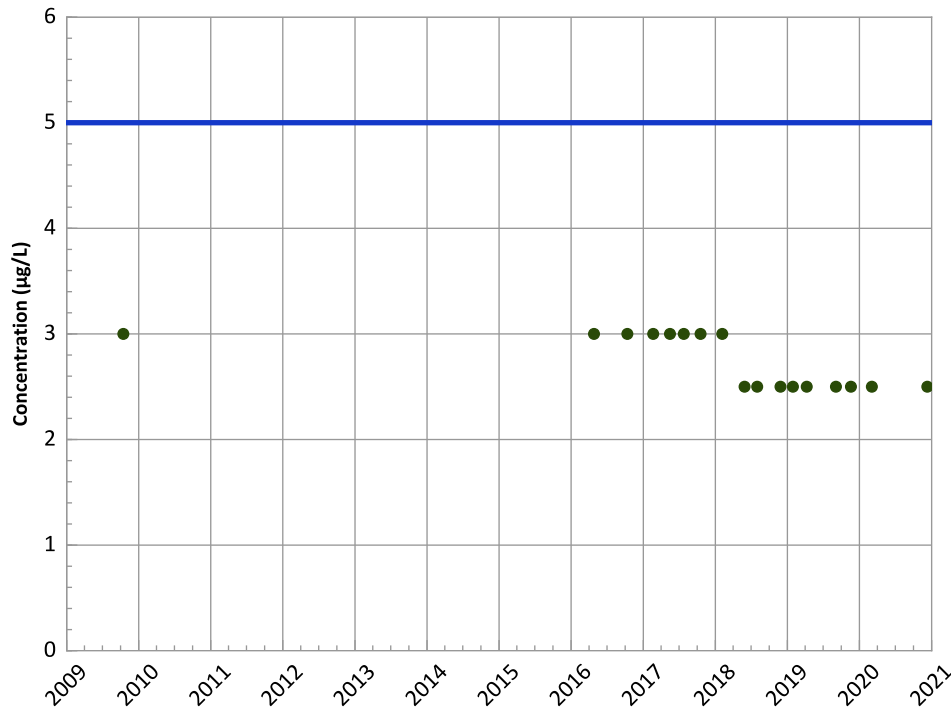
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

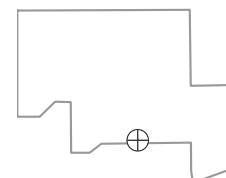
All Data:

All Non-Detect

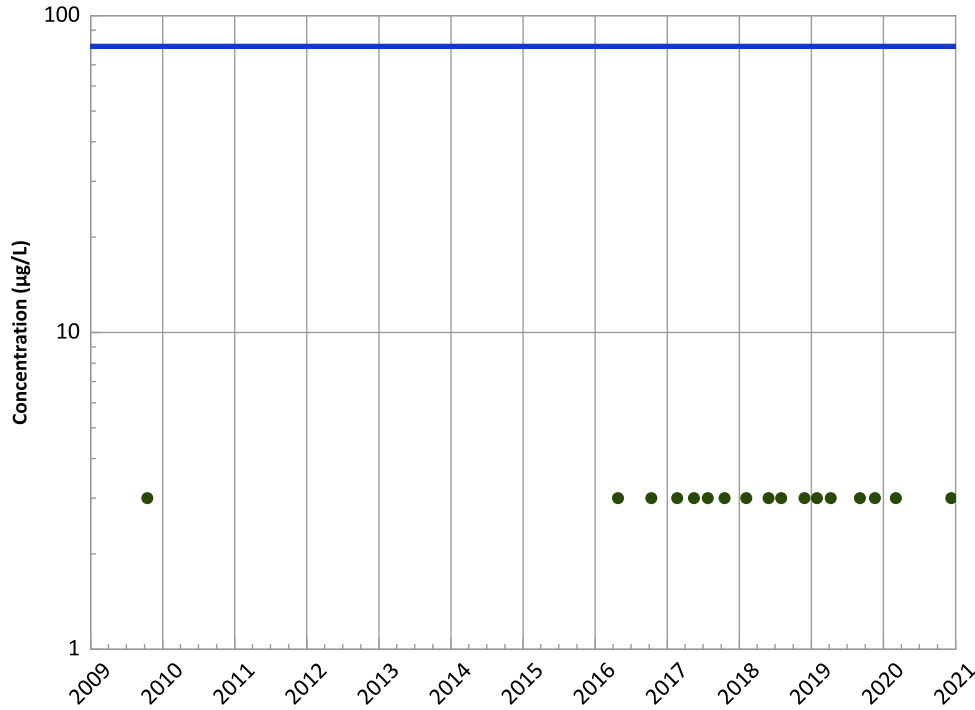
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

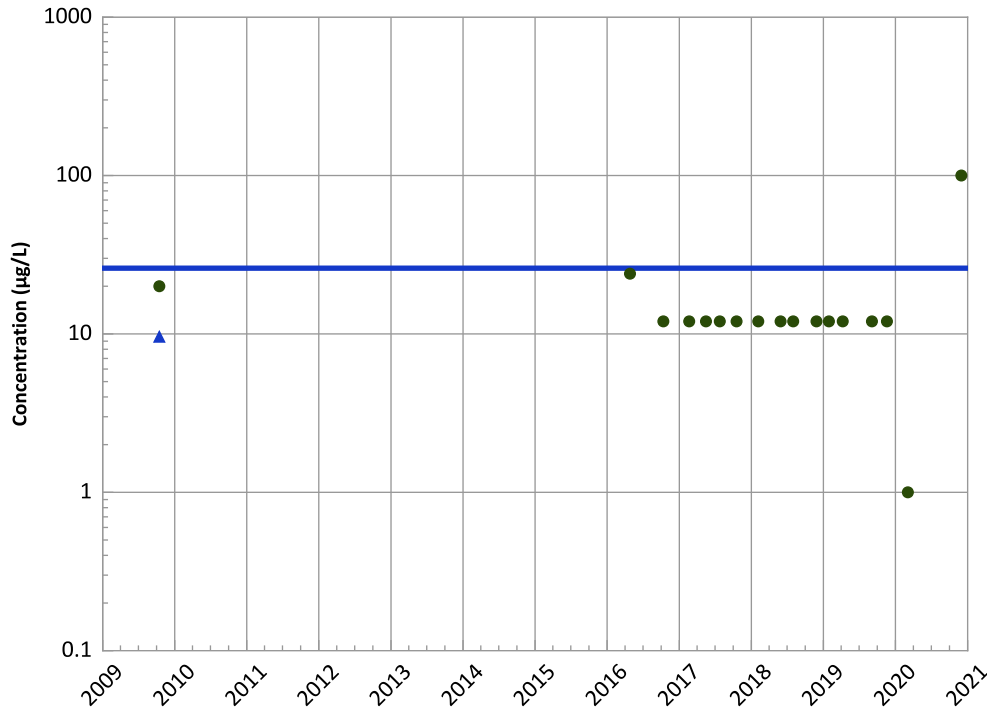
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

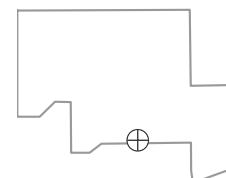
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

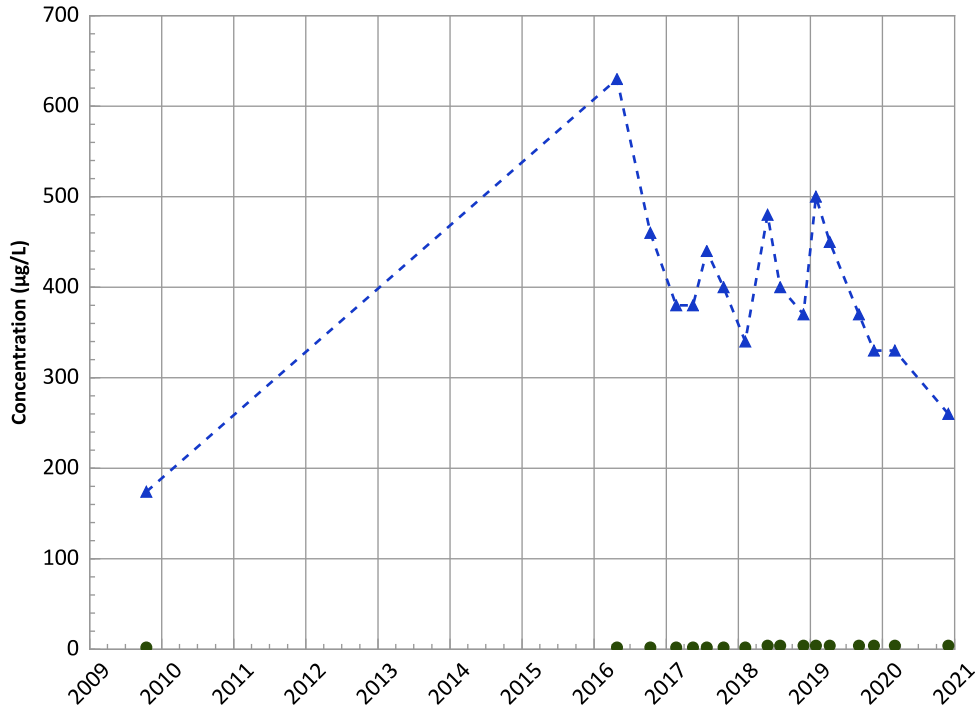


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

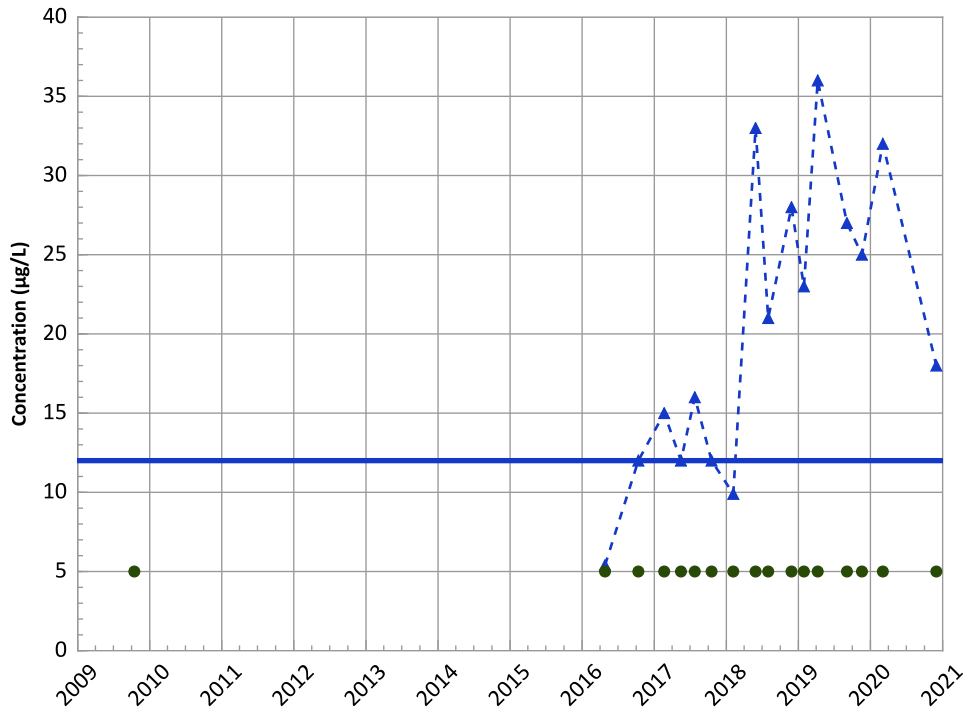
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

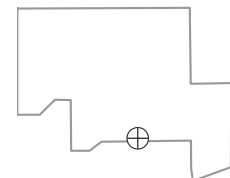
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

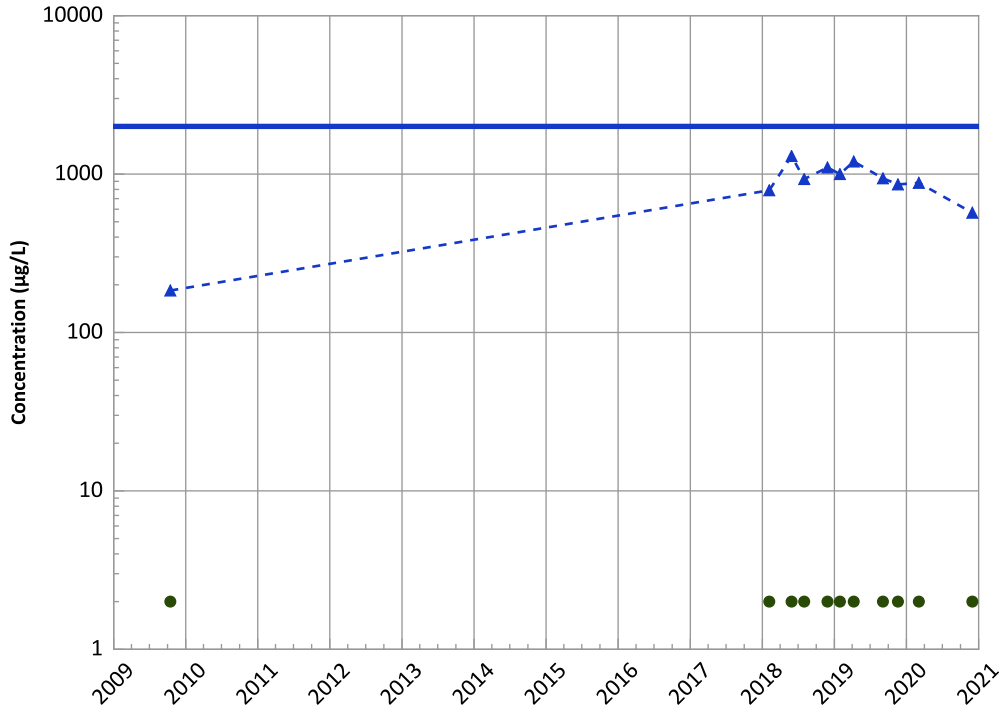


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

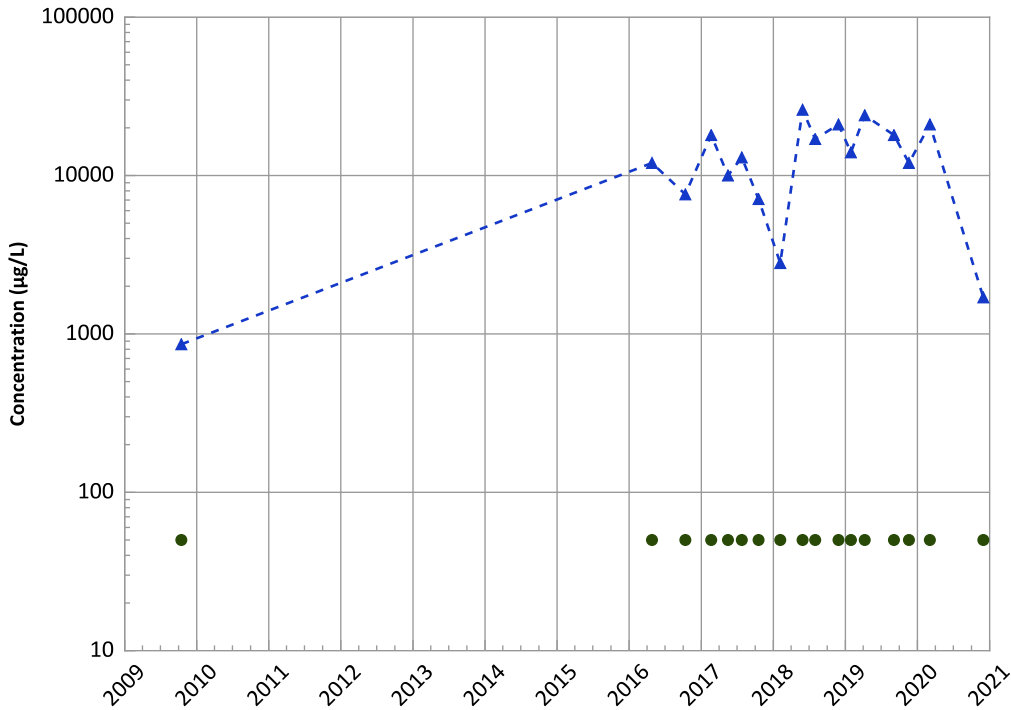
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

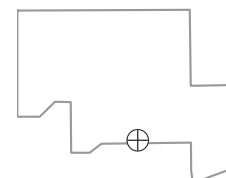
2018 - 2020 Data:

Stable

All Data:

Increasing

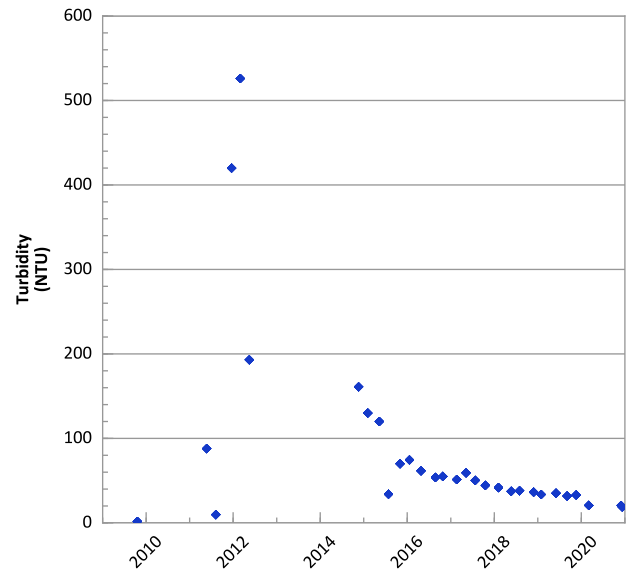
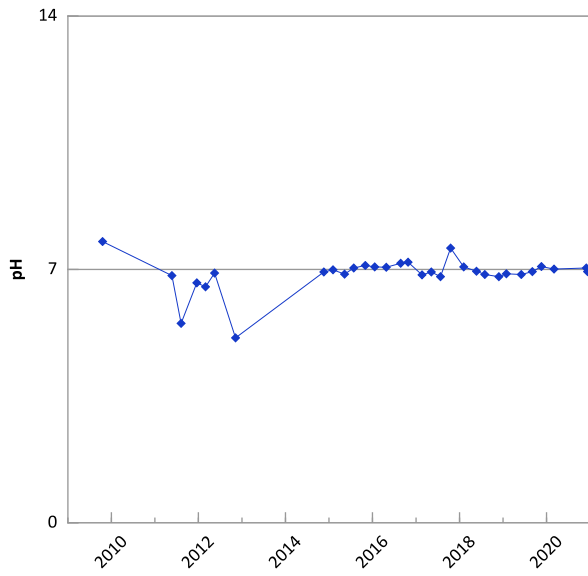
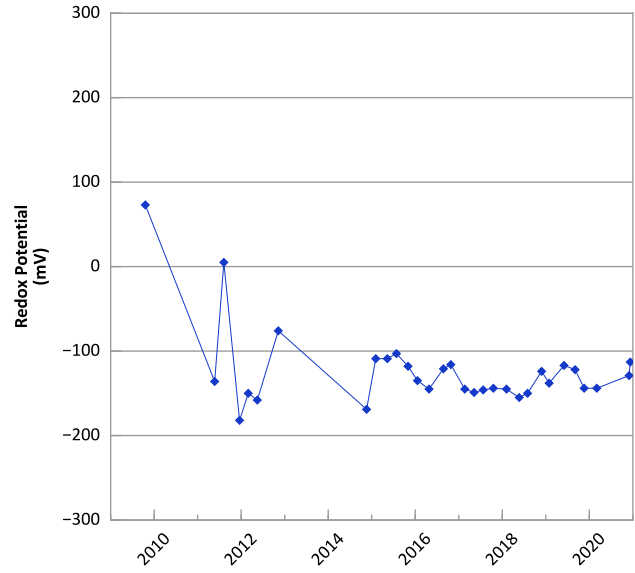
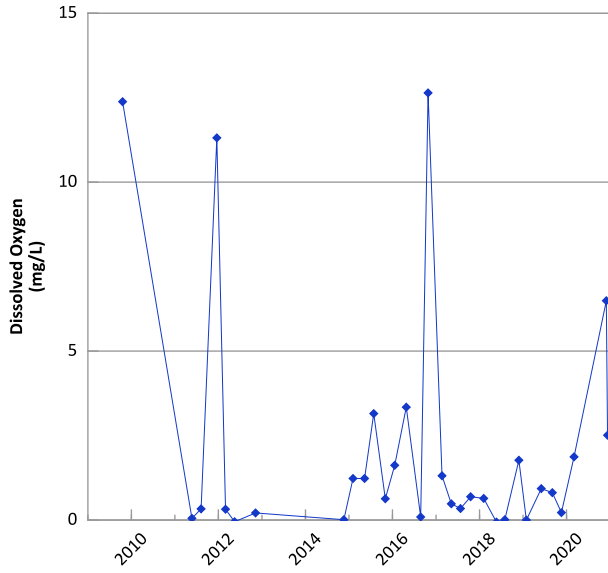
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 12/10/2020
Analysis Date: 05/19/2021

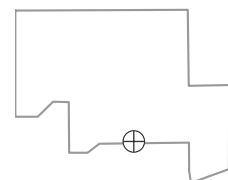
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**

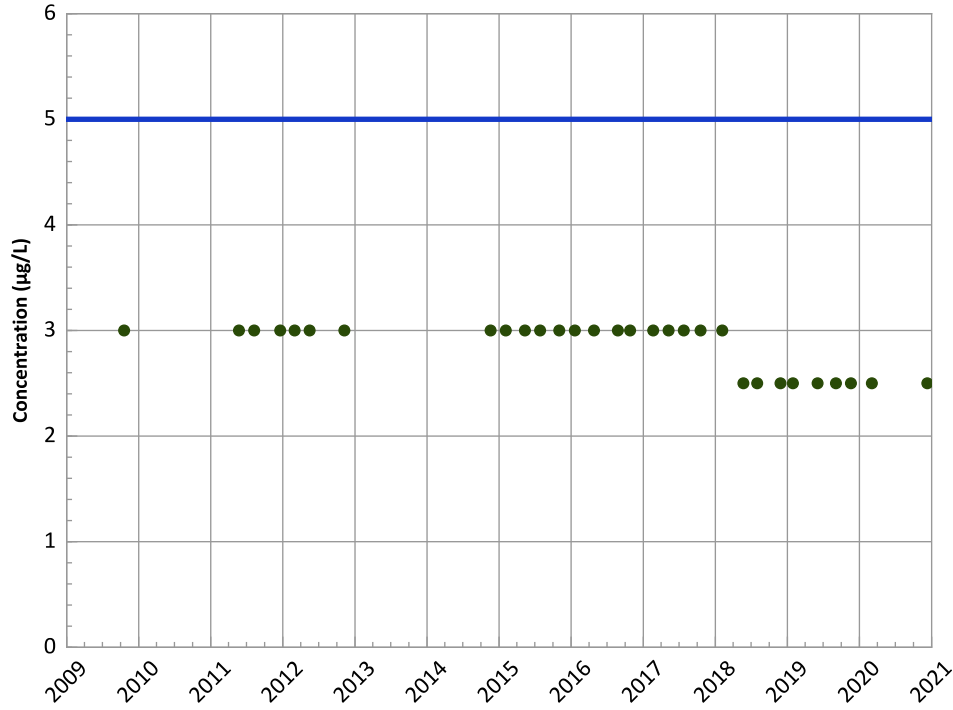


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/19/2009 to 12/10/2020
 Analysis Date: 05/19/2021

Well Location



**PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

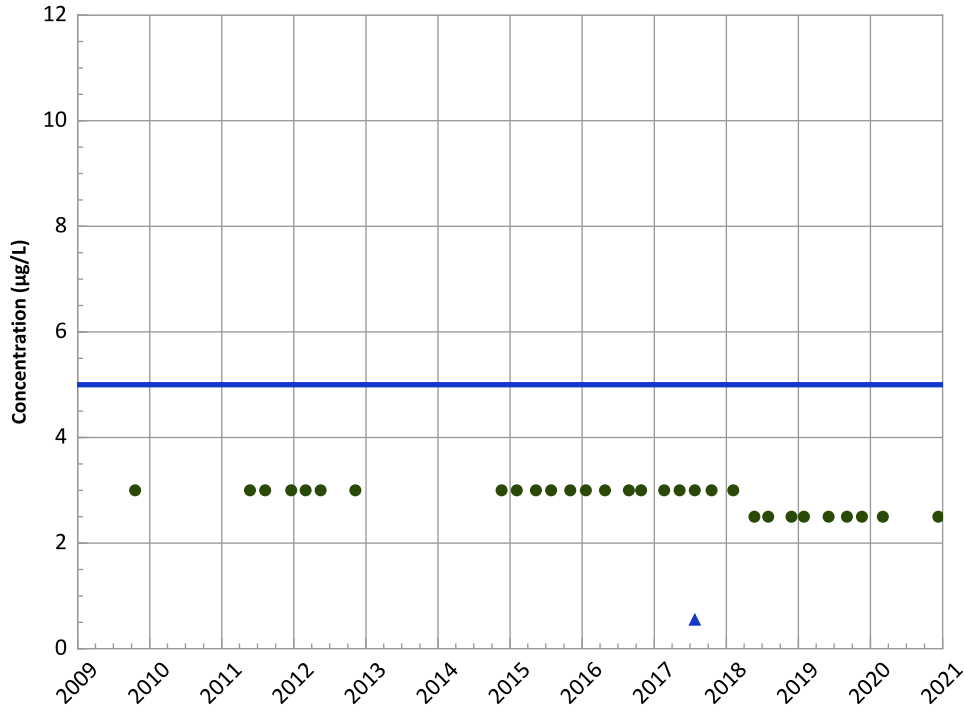
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

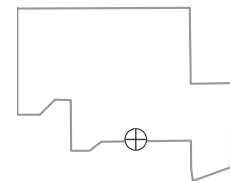
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

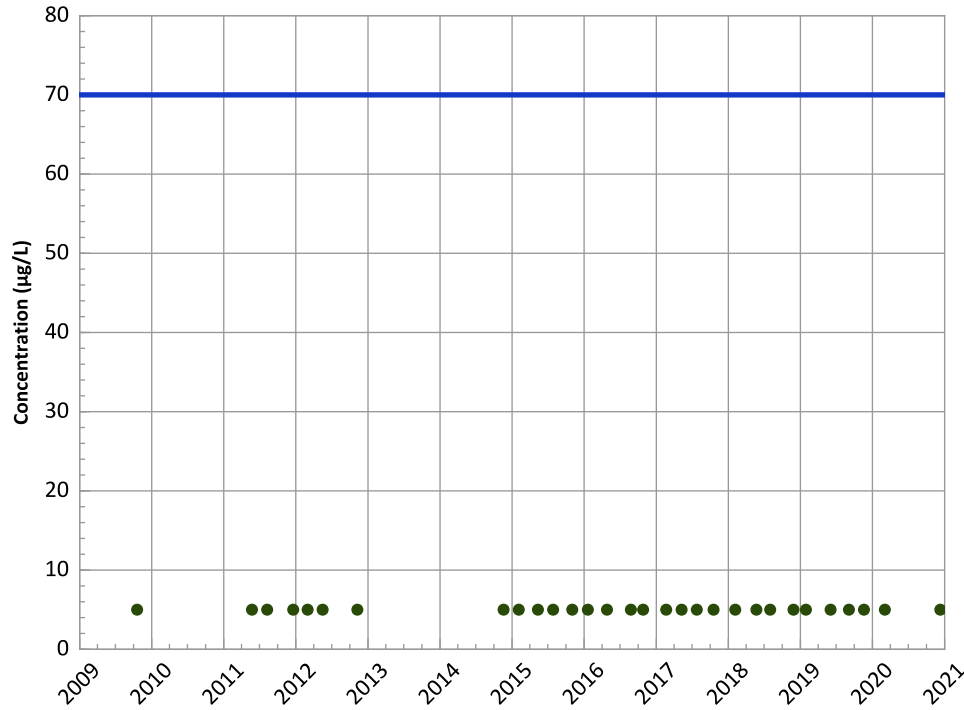
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

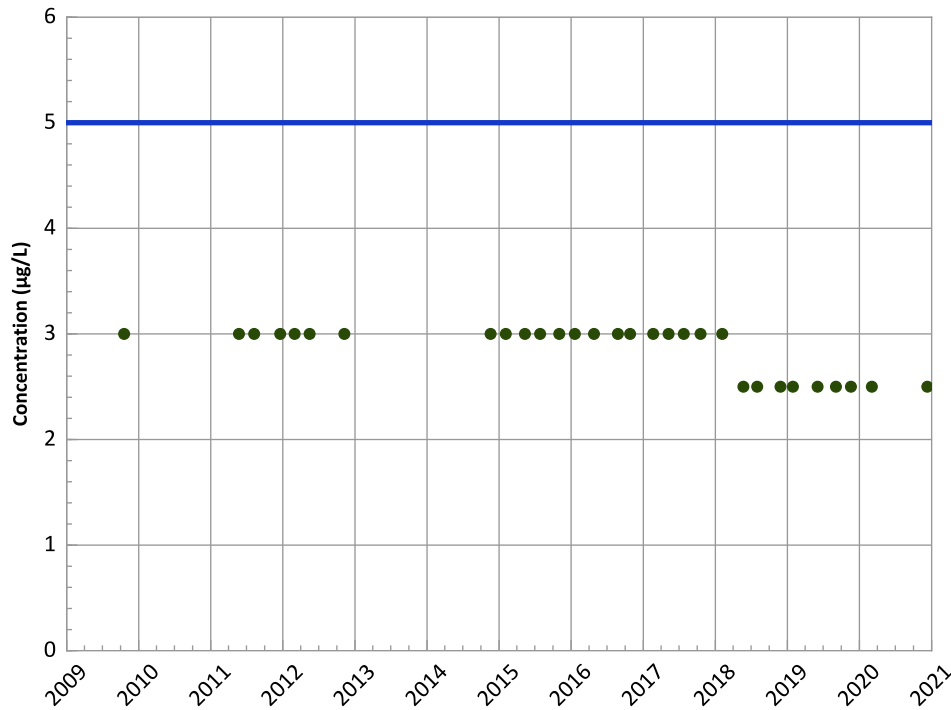
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

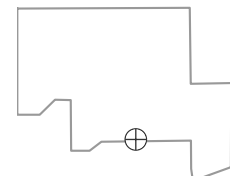
All Data:

All Non-Detect

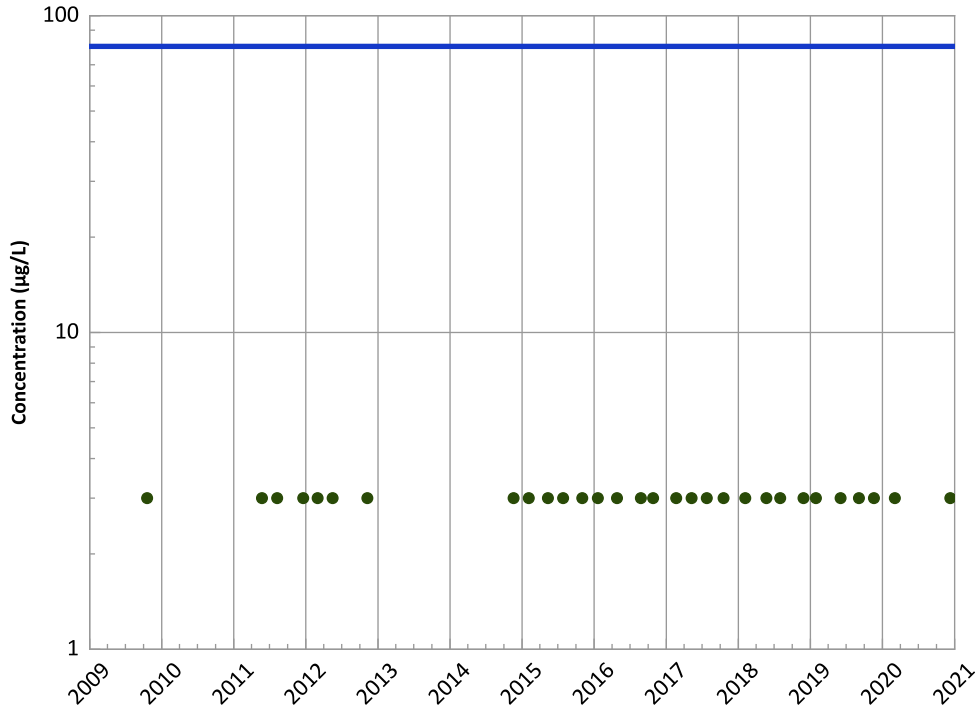
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

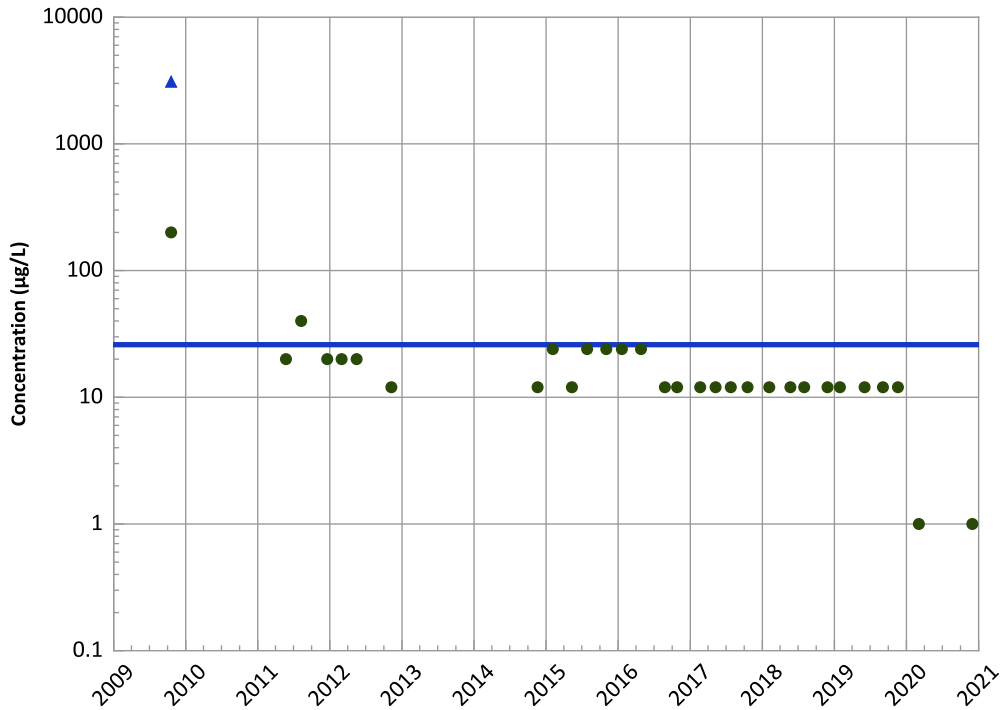


PTX06-ISB082 in Perched Aquifer
 USDOE/NNSA Pantex Plant
 Chloroform Trend



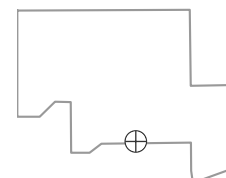
Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect
 MAROS Linear Regression Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect

Perchlorate Trend



Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 N/A (<4 Detections in Dataset)
 MAROS Linear Regression Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 N/A (<4 Detections in Dataset)

Well Location

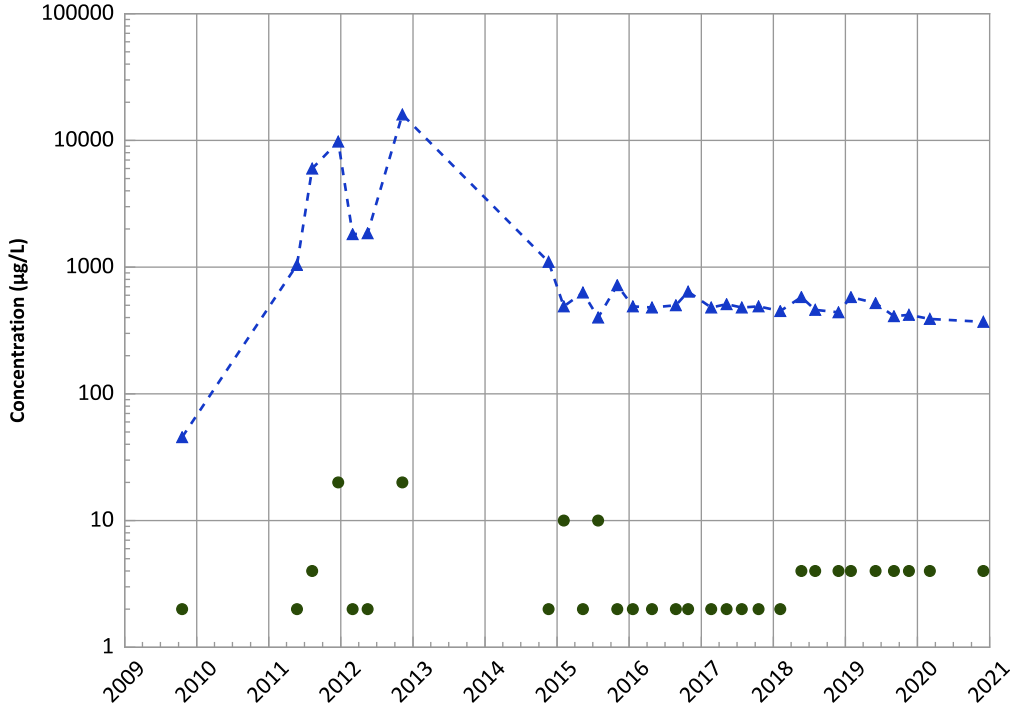


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/19/2009 to 12/10/2020
 Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

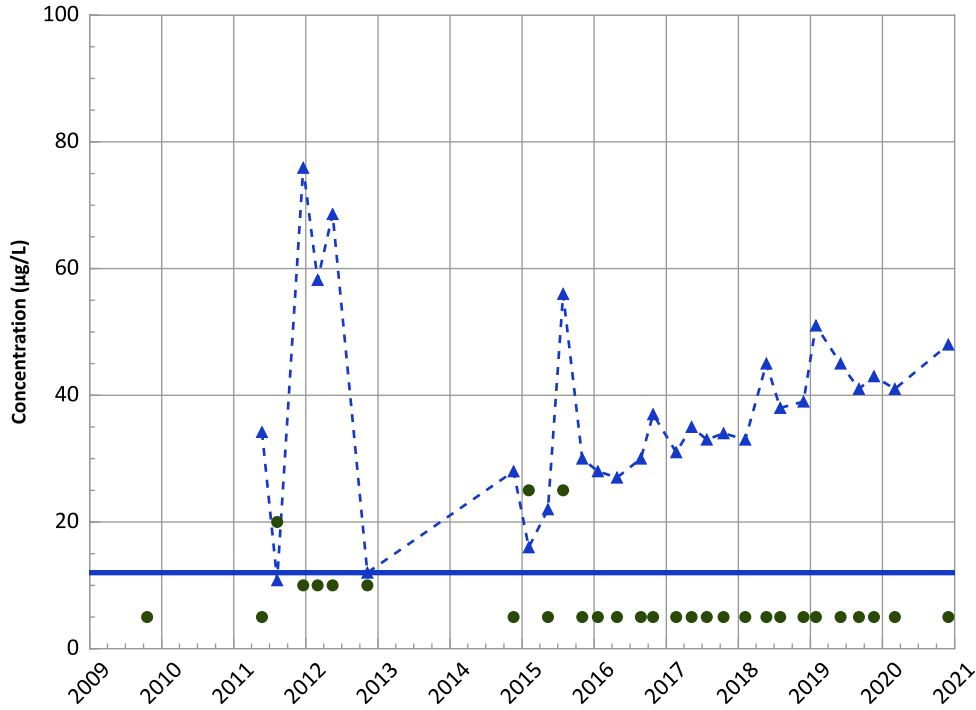
2018 - 2020 Data:

Stable

All Data:

Decreasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

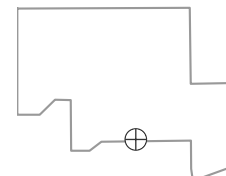
All Data:

Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 05/19/2021

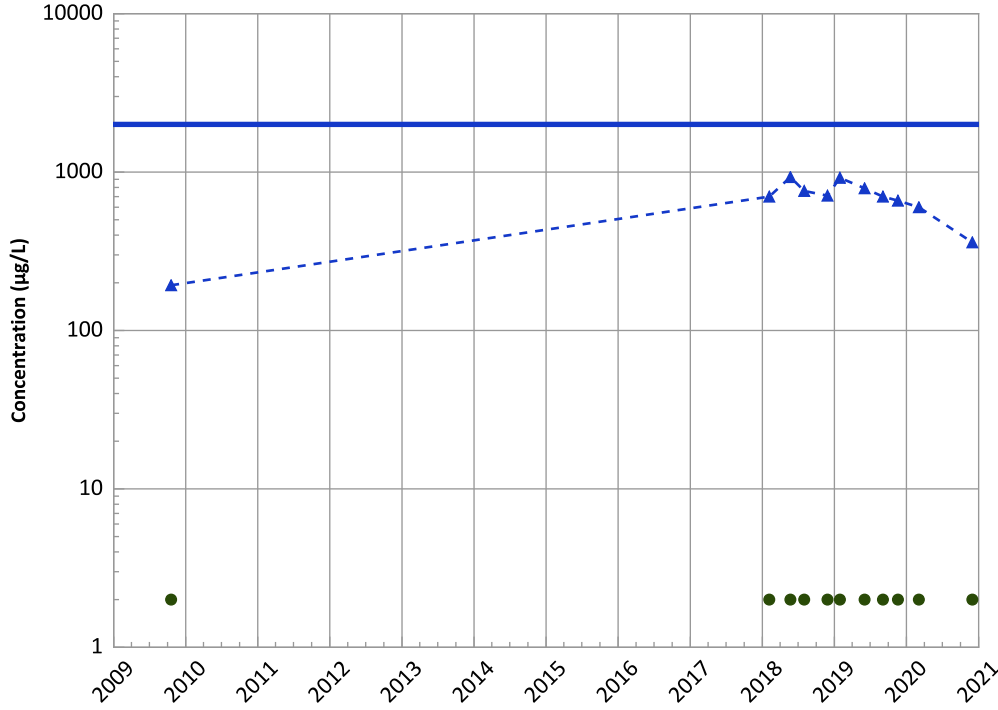
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

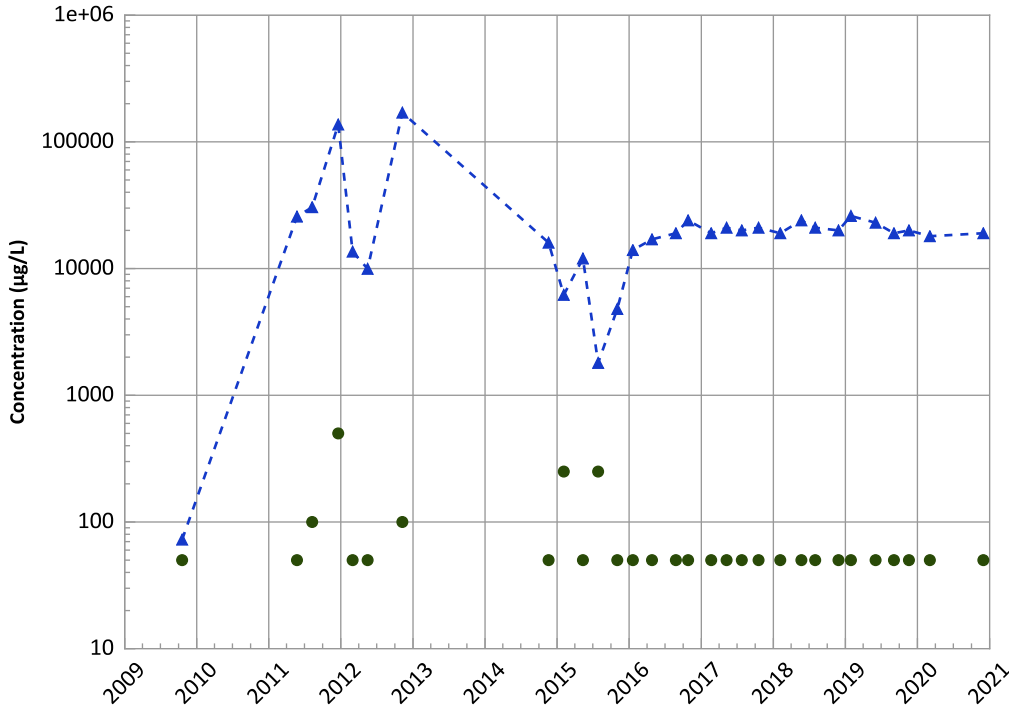
2018 - 2020 Data:

Stable

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

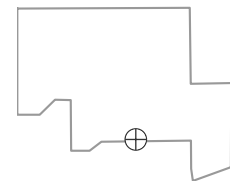
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/19/2009 to 12/10/2020
Analysis Date: 05/19/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Ogallala Aquifer Well Analyte Concentration Trends

Well	Eastings	Northings	COC	First Date	Last Date	NumS AD	NumD AD	AI/ND AD	CV AD	MKS AD	Conf AD	Trend AD	NumS L4S	NumD L4S	AI/ND L4S	CV L4S	MKS L4S	Conf L4S	Trend L4S	NumS SSRA	NumD SSRA	AI/ND SSRA	CV SSRA	MKS SSRA	Conf SSRA	Trend SSRA
PTX01-1010	830576.88	3771397.26	RDX	4/26/2000	7/23/2020	55	1	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
PTX01-1010	830576.88	3771397.26	HMX	4/26/2000	7/23/2020	55	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
PTX01-1010	830576.88	3771397.26	TNT	4/26/2000	7/23/2020	55	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
PTX01-1010	830576.88	3771397.26	DNT24	4/26/2000	7/23/2020	45	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
PTX01-1010	830576.88	3771397.26	DNT26	4/26/2000	7/23/2020	44	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
PTX01-1010	830576.88	3771397.26	DNT2A	4/26/2000	7/23/2020	45	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
PTX01-1010	830576.88	3771397.26	DNT4A	4/26/2000	7/23/2020	44	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
PTX01-1010	830576.88	3771397.26	TNB135	4/26/2000	7/23/2020	45	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
PTX01-1010	830576.88	3771397.26	DNB13	4/26/2000	7/23/2020	45	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
PTX01-1010	830576.88	3771397.26	DIOXANE14	2/1/2002	7/23/2020	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
PTX01-1010	830576.88	3771397.26	PCE	4/26/2000	7/23/2020	56	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
PTX01-1010	830576.88	3771397.26	TCE	4/26/2000	7/23/2020	56	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
PTX01-1010	830576.88	3771397.26	DCE12C	4/26/2000	7/23/2020	56	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
PTX01-1010	830576.88	3771397.26	DOA12	4/26/2000	7/23/2020	48	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
PTX01-1010	830576.88	3771397.26	TCLME	4/26/2000	7/23/2020	46	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
PTX01-1010	830576.88	3771397.26	PERC	11/1/2001	7/23/2020	54	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)	23	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1010	830576.88	3771397.26	B	4/26/2000	7/23/2020	47	47	No	0.1184256	-306.00	1	Decreasing	4	4	No	0.07133559	0.00	0.375	N/A (<4 Detections in Dataset)	23	23	No	0.096079133	-44.00	1	Decreasing
PTX01-1010	830576.88	3771397.26	MIN	4/26/2000	7/23/2020	42	23	No	4.48537038	-45.00	1	Decreasing	4	4	No	0.589570355	4.00	0.833	No Trend	16	14	No	0.679444445	-13.00	1	Decreasing
PTX01-1010	830576.88	3771397.26	AL	4/26/2000	2/3/2020	32	13	No	3.141228083	-64.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	5	No	0.661715397	-1.00	1	Decreasing
PTX01-1010	830576.88	3771397.26	AS	4/26/2000	7/23/2020	30	12	No	0.291984202	101.00	0	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	8	No	0.186383974	46.00	0.994	Increasing
PTX01-1010	830576.88	3771397.26	BA	4/26/2000	7/23/2020	49	49	No	0.19933696	138.00	1	Increasing	4	4	No	0.080490321	0.00	0.375	N/A (<4 Detections in Dataset)	17	17	No	0.065745349	2.00	0.516	No Trend
PTX01-1010	830576.88	3771397.26	CA	4/26/2000	2/3/2020	17	17	No	0.151303008	18.00	0.755	No Trend	4	4	No	0.186863191	-4.00	1	Decreasing	6	6	No	0.139550665	-5.00	1	Decreasing
PTX01-1010	830576.88	3771397.26	FE	4/26/2000	2/3/2020	32	22	No	2.063444954	198.00	0.994	Increasing	4	4	No	0.486776351	-6.00	1	Decreasing	6	6	No	0.389055132	-9.00	1	Decreasing
PTX01-1010	830576.88	3771397.26	KE	4/26/2000	2/3/2020	17	17	No	0.055658973	48.00	0.979	Increasing	4	4	No	0.040184002	-6.00	0.833	No Trend	6	6	No	0.043928432	3.00	0.932	Probably Increasing
PTX01-1010	830576.88	3771397.26	MG	4/26/2000	2/3/2020	32	44	No	0.113366121	24.00	0.644	No Trend	4	4	No	0.0468845	0.00	0.833	N/A (<4 Detections in Dataset)	11	6	No	0.08517174	11.00	0.872	Increasing
PTX01-1010	830576.88	3771397.26	NA	4/26/2000	2/3/2020	17	17	No	0.865375054	-22.00	0	No Trend	4	4	No	0.044170674	0.00	0.375	N/A (<4 Detections in Dataset)	6	6	No	0.125846073	-1.00	0	Decreasing
PTX01-1011	629986.45	3771397.29	RDX	1/28/2002	7/23/2020	41	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)
PTX01-1011	629986.45	3771397.29	HMX	1/28/2002	7/23/2020	40	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
PTX01-1011	629986.45	3771397.29	TNT	1/28/2002	7/23/2020	40	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
PTX01-1011	629986.45	3771397.29	DNT24	1/28/2002	7/23/2020	35	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
PTX01-1011	629986.45	3771397.29	DNT26	1/28/2002	7/23/2020	35	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
PTX01-1011	629986.45	3771397.29	DNT2A	1/28/2002	7/23/2020	35	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
PTX01-1011	629986.45	3771397.29	DNT4A	1/28/2002	7/23/2020	35	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
PTX01-1011	629986.45	3771397.29	TNB135	1/28/2002	7/23/2020	35	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
PTX01-1011	629986.45	3771397.29	DNB13	1/28/2002	7/23/2020	35	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
PTX01-1011	629986.45	3771397.29	DIOXANE14	8/1/2002	7/23/2020	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
PTX01-1011	629986.45	3771397.29	PCE	1/28/2002	7/23/2020	40	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
PTX01-1011	629986.45	3771397.29	TCE	1/28/2002	7/23/2020	40	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
PTX01-1011	629986.45	3771397.29	DCE12C	1/28/2002	7/23/2020	40	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
PTX01-1011	629986.45	3771397.29	DOA12	1/28/2002	7/23/2020	40	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
PTX01-1011	629986.45	3771397.29	TCLME	1/28/2002	7/23/2020	35	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
PTX01-1011	629986.45	3771397.29	PERC	1/28/2002	7/23/2020	40	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)	23	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1011	629986.45	3771397.29	AL	1/28/2002	7/23/2020	36	19	No	0.082450007	-44.00	1	Decreasing	4	4	No	0.037316294	-2.00	1	Decreasing	23	23	No	0.068057992	31.00	0.784	No Trend
PTX01-1011	629986.45	3771397.29	AS	1/28/2002	7/23/2020	31	16	No	2.43366274	-97.00	0.994	Decreasing	4	2	No	0.043206821	-47.00	0.375	N/A (<4 Detections in Dataset)	16	9	No	1.661481791	-23.00	0	Decreasing
PTX01-1011	629986.45	3771397.29	BA	1/28/2002	2/3/2020	21	7	No	4.053681912	-31.00	1	Decreasing	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)
PTX01-1011	629986.45	3771397.29	CA	1/28/2002	7/23/2020	23	15	No	0.1																	

Well	Easting	Northing	COC	First Date	Last Date	NumS AD	NumD AD	AI/ND AD	CV AD	MKS AD	Conf AD	Trend AD	NumS L4S	NumD L4S	AI/ND L4S	CV L4S	MKS L4S	Conf L4S	Trend L4S	NumS SSRA	NumD SSRA	AI/ND SSRA	CV SSRA	MKS SSRA	Conf SSRA	Trend SSRA	
PTX06-1043	640711.00	3765225.21	RDX	10/14/1999	7/27/2020	38	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	
PTX06-1043	640711.00	3765225.21	HMX	10/14/1999	7/27/2020	38	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	
PTX06-1043	640711.00	3765225.21	TNT	10/14/1999	7/27/2020	38	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	
PTX06-1043	640711.00	3765225.21	DNT24	10/14/1999	7/27/2020	36	1	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	
PTX06-1043	640711.00	3765225.21	DNT26	10/14/1999	7/27/2020	36	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	
PTX06-1043	640711.00	3765225.21	DNT2A	10/14/1999	7/27/2020	36	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	
PTX06-1043	640711.00	3765225.21	DNT4A	10/14/1999	7/27/2020	36	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	
PTX06-1043	640711.00	3765225.21	TNB13S	10/14/1999	7/27/2020	36	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	
PTX06-1043	640711.00	3765225.21	DNB13	10/14/1999	7/27/2020	36	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	
PTX06-1043	640711.00	3765225.21	PCE	10/14/1999	7/27/2020	36	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)	
PTX06-1043	640711.00	3765225.21	TCE	10/14/1999	7/27/2020	36	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	
PTX06-1043	640711.00	3765225.21	DCE12C	2/12/2002	7/27/2020	30	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	
PTX06-1043	640711.00	3765225.21	DCA12	10/14/1999	7/27/2020	34	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	
PTX06-1043	640711.00	3765225.21	TCLME	10/14/1999	7/27/2020	34	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	
PTX06-1043	640711.00	3765225.21	PERC	10/14/1999	7/27/2020	34	3	No	0	15.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	All Non-Detect	23	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	
PTX06-1043	640711.00	3765225.21	B	10/14/1999	7/27/2020	35	35	No	0.072144257	131.00	0.968	Increasing	4	4	No	0.048880099	2.00	0.625	N/A (<4 Detections in Dataset)	23	2	No	0.059593879	36.00	0.92	N/A (<4 Detections in Dataset)	
PTX06-1043	640711.00	3765225.21	CR	10/14/1999	7/27/2020	36	26	No	0.364388879	262.00	1	Increasing	4	1	No	0	0.00	0	All Non-Detect	23	14	No	0.310621178	59.00	0.937	Probably Increasing	
PTX06-1043	640711.00	3765225.21	CR-6	10/14/1999	7/27/2020	37	14	No	0.425599222	-203.00	1	Decreasing	4	4	No	0.061169008	-2.00	1	Decreasing	23	12	No	0.487546668	-158.00	1	Decreasing	
PTX06-1043	640711.00	3765225.21	MM	10/14/1999	7/27/2020	36	12	No	1.235997893	-130.00	1	Decreasing	4	2	No	0.069205666	0.00	0.958	N/A (<4 Detections in Dataset)	23	6	No	0.218106339	-50.00	1	Decreasing	
PTX06-1043	640711.00	3765225.21	NI	10/14/1999	7/27/2020	36	25	No	1.014170544	-211.00	1	Decreasing	4	2	No	0	0.00	0	All Non-Detect	23	19	No	0.393181098	55.00	0.922	Probably Increasing	
PTX06-1043	640711.00	3765225.21	MO	10/14/1999	7/27/2020	36	35	No	0.422720367	24.00	0.622	No Trend	4	4	No	0.038814963	4.00	0.833	N/A (<4 Detections in Dataset)	23	23	No	0.050708654	77.00	0.978	Probably Increasing	
PTX06-1043	640711.00	3765225.21	AL	10/14/1999	7/27/2020	19	6	No	1.246934143	-46.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	6	0	Yes	0	0.00	0	All Non-Detect	
PTX06-1043	640711.00	3765225.21	AS	10/14/1999	7/27/2020	23	16	No	0.330700841	84.00	0.986	Increasing	4	4	No	0.203816026	2.00	0.625	N/A (<4 Detections in Dataset)	23	13	11	No	0.19100815	33.00	0.975	Probably Increasing
PTX06-1043	640711.00	3765225.21	BA	10/14/1999	7/27/2020	29	29	No	0.069420566	105.00	0.875	Increasing	4	4	No	0.069205666	0.00	0.958	N/A (<4 Detections in Dataset)	23	16	16	No	0.072101134	56.00	0.994	Probably Increasing
PTX06-1043	640711.00	3765225.21	CA	10/14/1999	7/27/2020	15	15	No	0.317565323	-1.00	0.615	No Trend	4	0	Yes	0.316417794	0.00	0.625	N/A (<4 Detections in Dataset)	23	6	6	No	0.444085893	6.00	0.92	Probably Increasing
PTX06-1043	640711.00	3765225.21	FE	10/14/1999	7/27/2020	36	24	No	0.631141699	65.00	0.907	No Trend	4	4	No	0	0.00	0	All Non-Detect	23	15	No	0.269978505	51.00	0.906	Probably Increasing	
PTX06-1043	640711.00	3765225.21	K	10/14/1999	7/27/2020	15	15	No	0.151309707	-55.00	1	Decreasing	4	4	No	0.020439707	-4.00	1	Decreasing	6	6	No	0.061720472	-13.00	1	Decreasing	
PTX06-1043	640711.00	3765225.21	MG	10/14/1999	7/27/2020	19	19	No	0.082620867	-23.00	1	Decreasing	4	4	No	0.028213825	-1.00	0.5	N/A (<4 Detections in Dataset)	6	6	No	0.128418242	43.00	0.422666667	Stable	
PTX06-1043	640711.00	3765225.21	NA	10/14/1999	7/27/2020	15	15	No	0.139497811	-68.00	1	Decreasing	4	4	No	0.017697572	-6.00	1	Decreasing	6	6	No	0.044604397	-7.00	1	Decreasing	
PTX06-1043	640711.00	3765225.21	NC	10/14/1999	7/27/2020	34	34	No	0.061399626	-4.00	0.999	Increasing	4	4	No	0.044503007	-1.00	0.833	N/A (<4 Detections in Dataset)	23	23	No	0.045653343	23.00	0.899	No Trend	
PTX06-1044	642706.18	3764538.54	RDX	10/13/1999	10/19/2020	44	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	
PTX06-1044	642706.18	3764538.54	HMX	10/13/1999	10/19/2020	44	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	
PTX06-1044	642706.18	3764538.54	TNT	10/13/1999	10/19/2020	44	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	
PTX06-1044	642706.18	3764538.54	DNT24	10/13/1999	10/19/2020	39	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	
PTX06-1044	642706.18	3764538.54	DNT26	10/13/1999	10/19/2020	39	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	
PTX06-1044	642706.18	3764538.54	DNT2A	10/13/1999	10/19/2020	39	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	
PTX06-1044	642706.18	3764538.54	DNT4A	10/13/1999	10/19/2020	38	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	
PTX06-1044	642706.18	3764538.54	TNB13S	1/25/2000	10/19/2020	38	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	
PTX06-1044	642706.18	3764538.54	TNT	10/13/1999	10/19/2020	41	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	
PTX06-1044	642706.18	3764538.54	PCE	10/13/1999	10/19/2020	43	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	
PTX06-1044	642706.18	3764538.54	TCE	10/13/1999	10/19/2020	43	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	
PTX06-1044	642706.18	3764538.54	DCE12C	8/1/2002	10/19/2020	37	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	
PTX06-1044	642706.18	3764538.54	DCA12	10/13/1999	10/19/2020	38	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	
PTX06-1044	642706.18	3764538.54	TCLME	10/13/1999	10/19/2020	43	3	No	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	
PTX06-1044	642706.18	3764538.54	PERC	10/13/1999	10/19/2020	43	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	All Non-Detect								

Well	Easting	Northing	COC	First Date	Last Date	NumS AD	NumD AD	AI/ND AD	CV AD	MKS AD	Conf AD	Trend AD	NumS L4S	NumD L4S	AI/ND L4S	CV L4S	MKS L4S	Conf L4S	Trend L4S	NumS SSRA	NumD SSRA	AI/ND SSRA	CV SSRA	MKS SSRA	Conf SSRA	Trend SSRA	
PTX06-1057A	629630.04	3768142.23	PERC	8/13/2001	6/16/2020	28	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	0.00	0
PTX06-1057A	629630.04	3768142.23	PERC	8/13/2001	6/16/2020	24	24	No	0.015180852	-24.0	1	N/A (<4 Detections in Dataset)	4	4	No	0.051925873	0.00	0.958	N/A (<4 Detections in Dataset)	11	11	No	0.064771746	13.00	0.821	0.00	N/A (<4 Detections in Dataset)
PTX06-1057A	629630.04	3768142.23	MIN	8/13/2001	6/16/2020	24	21	No	2.20712565	-197.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	6	No	0.49884712	-15.00	0.00	0.00	Decreasing
PTX06-1057A	629630.04	3768142.23	AL	8/13/2001	6/16/2020	22	19	No	2.17361028	-148.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	3	No	0	0.00	0.00	0.00	N/A (<4 Detections in Dataset)
PTX06-1057A	629630.04	3768142.23	AS	8/13/2001	6/16/2020	16	11	No	0.477169376	-6.00	1	Decreasing	4	4	No	0.025839713	2.00	0.625	No Trend	7	7	No	0.215903512	13.00	0.965	0.00	Increasing
PTX06-1057A	629630.04	3768142.23	BA	8/13/2001	6/16/2020	27	27	No	0.40838941	-165.00	1	Decreasing	4	4	No	0.011757832	2.00	0.625	No Trend	10	10	No	0.031704565	3.00	1.00	0.00	Increasing
PTX06-1057A	629630.04	3768142.23	CA	4/20/2006	6/16/2020	12	12	No	0.065681555	36.00	0.993	Increasing	4	4	No	0.025839713	2.00	0.625	No Trend	6	6	No	0.033355269	9.00	0.935	0.00	Probably Increasing
PTX06-1057A	629630.04	3768142.23	FE	8/13/2001	6/16/2020	21	20	No	2.062902688	-128.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	5	No	0.610994948	-9.00	1.00	0.00	Decreasing
PTX06-1057A	629630.04	3768142.23	K	4/20/2006	6/16/2020	12	12	No	0.0328905424	-9.00	1	Decreasing	4	4	No	0.028838518	0.00	0.375	Stable	6	6	No	0.029673783	-7.00	1.00	0.00	Decreasing
PTX06-1057A	629630.04	3768142.23	MG	8/13/2001	6/16/2020	21	21	No	0.136951466	-81.00	1	Decreasing	4	4	No	0.044212454	5.00	0.895	No Trend	6	6	No	0.051512728	6.00	0.8145	0.00	No Trend
PTX06-1057A	629630.04	3768142.23	NA	4/20/2006	6/16/2020	12	12	No	0.076135161	-28.00	1	Decreasing	4	4	No	0.029412879	4.00	0.833	No Trend	6	6	No	0.051769598	12.00	0.882	0.00	Increasing
PTX06-1058	624894.00	3759747.11	RDX	4/4/2001	7/27/2020	29	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	HMX	4/4/2001	7/27/2020	28	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	TNT	4/4/2001	7/27/2020	28	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT24	4/4/2001	7/27/2020	23	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT28	4/4/2001	7/27/2020	23	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT2A	4/4/2001	7/27/2020	23	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT4A	4/4/2001	7/27/2020	23	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	TNB135	4/4/2001	7/27/2020	23	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNB13	4/4/2001	7/27/2020	23	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	DIOXANE14	8/13/2001	7/27/2020	13	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	8	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	PCE	4/4/2001	7/27/2020	28	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	PCE	4/4/2001	7/27/2020	28	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	DCE12C	8/13/2001	7/27/2020	27	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	DCA12	8/13/2001	7/27/2020	28	17	No	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	TCLME	4/4/2001	7/27/2020	23	1	No	0.00	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0.00	0.00	0	All Non-Detect	11	0	Yes	0.00	0.00	0.00	0.00	All Non-Detect
PTX06-1058	624894.00	3759747.11	PERC	4/4/2001	7/27/2020	28	1	No	0.00	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	1	No	0.00	0.00	0.00	0.00	N/A (<4 Detections in Dataset)
PTX06-1058	624894.00	3759747.11	CR	4/4/2001	7/27/2020	24	24	No	0.091489484	64.00	0.941	Probably Increasing	4	4	No	0.051188427	-2.00	1.00	Decreasing	11	11	No	0.065417746	17.00	0.891	0.00	No Trend
PTX06-1058	624894.00	3759747.11	CR	4/4/2001	7/27/2020	28	25	No	2.996637628	93.00	0.965	Increasing	4	2	No	0.00	0.00	0	N/A (<4 Detections in Dataset)	10	8	No	0.927935314	-4.00	1.00	0.00	Decreasing
PTX06-1058	624894.00	3759747.11	MM	4/4/2001	7/27/2020	28	17	No	1.16653023	-12.00	0.923	Decreasing	4	4	No	0.573672256	-4.00	0.833	N/A (<4 Detections in Dataset)	10	9	No	0.80778725	-3.00	1.00	0.00	Decreasing
PTX06-1058	624894.00	3759747.11	NI	4/4/2001	7/27/2020	25	19	No	0.991614979	-41.00	1.00	Decreasing	4	3	No	0.00	0.00	0	N/A (<4 Detections in Dataset)	10	9	No	1.089129053	-17.00	1.00	0.00	Decreasing
PTX06-1058	624894.00	3759747.11	MO	4/4/2001	7/27/2020	24	24	No	0.09056154	-25.00	1.00	Decreasing	4	4	No	0.024755545	-6.00	1.00	Decreasing	9	9	No	0.058442127	10.00	0.821	0.00	No Trend
PTX06-1058	624894.00	3759747.11	AL	4/4/2001	7/27/2020	21	11	No	1.270266519	17.00	0.635	No Trend	4	3	No	0.00	0.00	0	N/A (<4 Detections in Dataset)	6	4	No	0.972941939	6.00	0.8145	0.00	No Trend
PTX06-1058	624894.00	3759747.11	AS	4/4/2001	7/27/2020	17	16	No	0.237058114	0.00	0.484	Stable	4	4	No	0.185027168	2.00	0.625	No Trend	6	6	No	0.145448015	6.00	0.452	0.00	Stable
PTX06-1058	624894.00	3759747.11	AS	4/4/2001	7/27/2020	28	10	No	0.07327134	-12.00	0.818	Decreasing	4	4	No	0.032727199	4.00	0.833	No Trend	6	6	No	0.06856182	0.00	0.7025	0.00	Increasing
PTX06-1058	624894.00	3759747.11	CA	4/4/2001	7/27/2020	13	13	No	0.26292087	56.00	1.00	Increasing	4	4	No	0.061527119	4.00	0.833	No Trend	6	6	No	0.052259697	5.00	0.765	0.00	No Trend
PTX06-1058	624894.00	3759747.11	FE	4/4/2001	7/27/2020	25	24	No	0.958841316	87.00	0.978	Increasing	4	4	No	0.88241426	2.00	0.625	No Trend	10	10	No	0.773673687	-23.00	1.00	0.00	Decreasing
PTX06-1058	624894.00	3759747.11	K	4/4/2001	7/27/2020	13	13	No	0.048039209	-16.00	1.00	Decreasing	4	4	No	0.056913711	0.00	0.375	Stable	6	6	No	0.05192281	-3.00	1.00	0.00	Decreasing
PTX06-1058	624894.00	3759747.11	MG	4/4/2001	7/27/2020	21	4	No	0.01764292	-8.00	0.4	Stable	4	2	No	0.00	0.00	0	N/A (<4 Detections in Dataset)	6	6	No	0.07834348	13.00	0.992	0.00	Stable
PTX06-1058	624894.00	3759747.11	NA	4/4/2001	7/27/2020	13	13	No	0.036412033	5.00	0.895	Increasing	4	4	No	0.057553233	5.00	0.895	No Trend	6	6	No	0.048906881	4.00	0.7025	0.00	No Trend
PTX06-1058	624894.00	3759747.11	NI	4/4/2001	7/27/2020	20	20	No	0.114989114	-43.00	1.00	Decreasing	4	4	No	0.060812764	4.00	0.833	No Trend	10	10	No	0.158716296	-3.00	1.00	0.00	Decreasing
PTX06-1058	624894.00	3759747.11	NI	4/4/2001	7/27/2020	27	0	Yes	0.00	0.00	0	All Non-Detect	4	0	Yes	0.00	0.00	0	All								

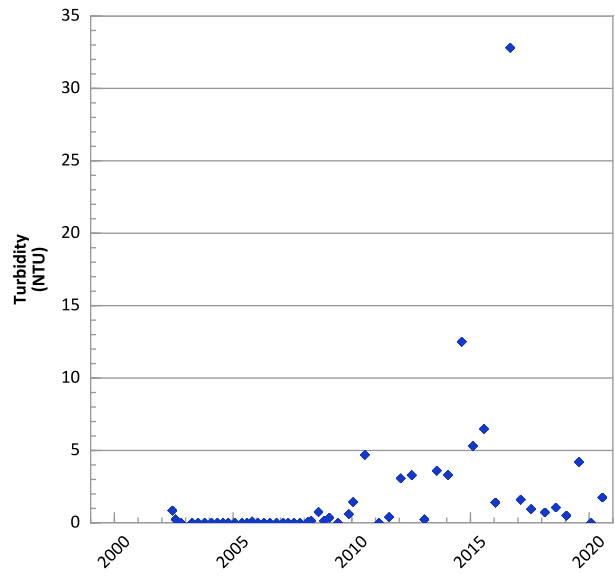
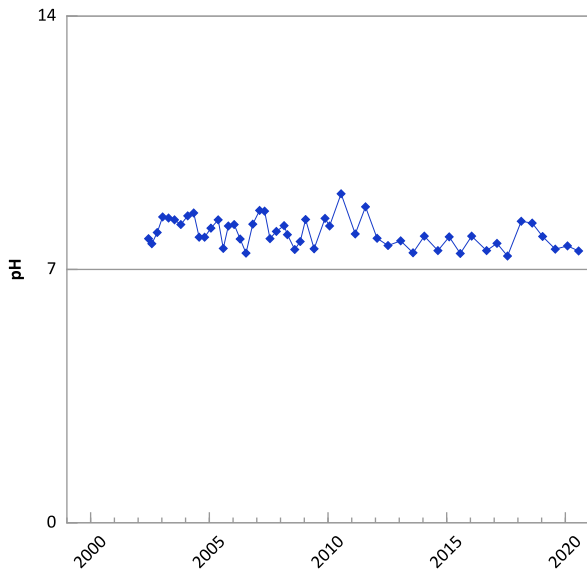
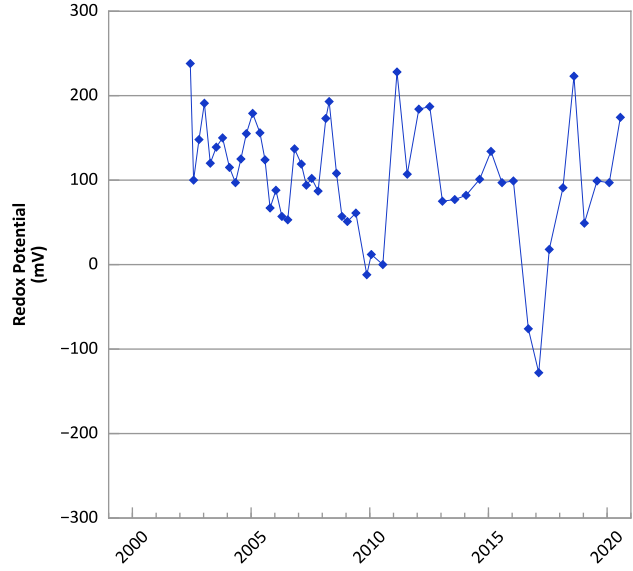
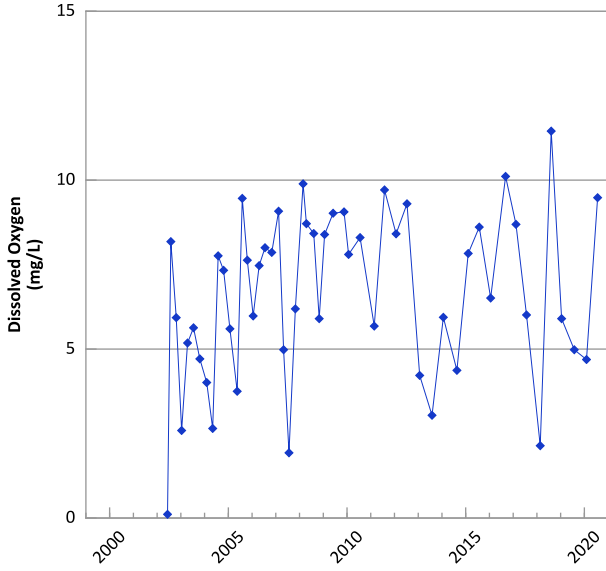
Well	Eastings	Northings	COC	First Date	Last Date	NumS AD	NumD AD	AIND AD	CV AD	MKS AD	Conf AD	Trend AD	NumS L4S	NumD L4S	AIND L4S	CV L4S	MKS L4S	Conf L4S	Trend L4S	NumS SSRA	NumD SSRA	AIND SSRA	CV SSRA	MKS SSRA	Conf SSRA	Trend SSRA	
PTX06-1064	635900.45	373557.90	TCE	4/21/2003	11/12/2020	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	
PTX06-1064	635900.45	373557.90	DCE12C	4/21/2003	11/12/2020	48	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	
PTX06-1064	635900.45	373557.90	DCA12	4/21/2003	11/12/2020	40	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	
PTX06-1064	635900.45	373557.90	TCLME	4/21/2003	11/12/2020	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	
PTX06-1064	635900.45	373557.90	PERC	4/21/2003	11/12/2020	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)	22	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	
PTX06-1064	635900.45	373557.90	NOA	4/21/2003	11/12/2020	40	0	Yes	0.068714383	0.6005	1	Increasing	4	4	No	0.08371988	2.00	0.625	No Trend	22	22	No	0.067854	8.00	0.588	No Trend	
PTX06-1064	635900.45	373557.90	MMN	4/21/2003	11/12/2020	35	15	No	0.280995035	0.049466667	1	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	6	No	0.301777818	45.00	0	Increasing	
PTX06-1064	635900.45	373557.90	AL	4/21/2003	11/12/2020	26	11	No	0.908169463	-91.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	
PTX06-1064	635900.45	373557.90	AS	4/21/2003	11/12/2020	23	12	No	0.374799751	56.00	0.926	1	Probably Increasing	4	4	No	0.0485491	2.00	0.625	No Trend	13	8	No	0.222020943	32.00	0.971	Increasing
PTX06-1064	635900.45	373557.90	BE	4/21/2003	11/12/2020	42	42	No	0.065451178	-11.00	0	Decreasing	4	4	No	0.046839173	2.00	0.625	No Trend	16	16	No	0.049301455	-12.00	1	Decreasing	
PTX06-1064	635900.45	373557.90	CA	4/21/2003	11/12/2020	16	16	No	0.003953864	57.00	0.995	1	Increasing	4	4	No	0.078311988	-4.00	0.833	No Trend	6	6	No	0.063654013	-5.00	0.765	No Trend
PTX06-1064	635900.45	373557.90	FA	4/21/2003	11/12/2020	26	17	No	0.60640752	75.00	0.948	1	Probably Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	5	No	0.398144229	-12.00	1	Decreasing
PTX06-1064	635900.45	373557.90	K	4/21/2003	11/12/2020	16	16	No	0.070440672	-2.00	1	Decreasing	4	4	No	0.01872038	-2.00	1	Decreasing	6	6	No	0.057605938	-3.00	1	Decreasing	
PTX06-1064	635900.45	373557.90	MG	4/21/2003	11/12/2020	26	26	No	0.076004715	7.00	0.552	1	No Trend	4	4	No	0.037912799	2.00	0.625	No Trend	6	6	No	0.047501849	-1.00	0.5	No Trend
PTX06-1064	635900.45	373557.90	NA	4/21/2003	11/12/2020	16	16	No	0.101876498	6.00	0.588	1	No Trend	4	4	No	0.051588216	4.00	0.833	No Trend	6	6	No	0.11541529	3.00	0.64	No Trend
PTX06-1068	643403.70	373360.30	RDX	11/13/2002	11/12/2020	50	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	
PTX06-1068	643403.70	373360.30	HMX	11/13/2002	11/12/2020	50	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	
PTX06-1068	643403.70	373360.30	TNT	11/13/2002	11/12/2020	50	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	
PTX06-1068	643403.70	373360.30	DNT24	11/13/2002	11/12/2020	40	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	
PTX06-1068	643403.70	373360.30	DNT26	11/13/2002	11/12/2020	40	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	
PTX06-1068	643403.70	373360.30	DNT2A	11/13/2002	11/12/2020	40	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	
PTX06-1068	643403.70	373360.30	DNT4A	11/13/2002	11/12/2020	39	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	
PTX06-1068	643403.70	373360.30	TNB135	11/13/2002	11/12/2020	40	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	
PTX06-1068	643403.70	373360.30	DNB13	11/13/2002	11/12/2020	40	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	
PTX06-1068	643403.70	373360.30	DIOXANE14	8/26/2002	11/12/2020	14	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)	
PTX06-1068	643403.70	373360.30	PCE	8/26/2002	11/12/2020	51	0	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)	
PTX06-1068	643403.70	373360.30	TCE	8/26/2002	11/12/2020	51	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	
PTX06-1068	643403.70	373360.30	DCE12C	8/26/2002	11/12/2020	51	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	
PTX06-1068	643403.70	373360.30	DCA12	8/26/2002	11/12/2020	43	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	
PTX06-1068	643403.70	373360.30	TCLME	8/26/2002	11/12/2020	43	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	
PTX06-1068	643403.70	373360.30	PERC	8/26/2002	12/17/2020	51	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)	23	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	
PTX06-1068	643403.70	373360.30	IB	8/26/2002	11/12/2020	43	43	No	0.137440801	-26.00	1	Decreasing	4	4	No	0.057098254	4.00	0.833	No Trend	23	23	No	0.173075749	-8.00	1	Decreasing	
PTX06-1068	643403.70	373360.30	MMN	8/26/2002	11/12/2020	43	29	No	0.55675491	-154.00	0.1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	13	No	0.692896078	20.00	0.715	No Trend	
PTX06-1068	643403.70	373360.30	AL	8/26/2002	6/16/2020	28	19	No	0.713420152	-11.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	3	No	0.222491183	0.00	0	N/A (<4 Detections in Dataset)	
PTX06-1068	643403.70	373360.30	AS	8/26/2002	6/16/2020	38	0	Yes	0.341252804	85.00	0.979	1	Increasing	4	4	No	0.17105093	0.00	0.625	No Trend	13	13	No	0.190402049	-4.00	0.995	Increasing
PTX06-1068	643403.70	373360.30	BA	8/26/2002	11/12/2020	40	40	No	0.143146999	-302.00	0.1	Decreasing	4	4	No	0.041263642	-6.00	1	Decreasing	16	16	No	0.098219744	8.00	0.622	No Trend	
PTX06-1068	643403.70	373360.30	CA	1/19/2006	6/16/2020	16	16	No	0.212167647	32.00	0.917	1	Probably Increasing	4	2	No	0.02901141	2.00	0.625	No Trend	6	6	No	0.318556665	5.00	0.765	No Trend
PTX06-1068	643403.70	373360.30	FE	8/26/2002	6/16/2020	33	29	No	0.781111919	2.00	0.506	1	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	8	No	0.329855301	-10.00	1	Decreasing
PTX06-1068	643403.70	373360.30	AL	8/26/2002	6/16/2020	34	28	No	0.135088022	-4.00	0.918	1	No Trend	4	4	No	0.033304849	-6.00	1	Decreasing	6	6	No	0.222491183	0.00	0.64	No Trend
PTX06-1068	643403.70	373360.30	IB	8/26/2002	6/16/2020	28	28	No	0.063079789	-127.00	0	Decreasing	4	4	No	0.053070789	4.00	0.833	No Trend	6	6	No	0.305757864	10.00	0.952	Increasing	
PTX06-1068	643403.70	373360.30	NA	1/19/2006	6/16/2020	16	16	No	0.842691078	12.00	0.687	1	No Trend	4	4	No	0.076494922	6.00	0.958	Increasing	6	6	No	1.101021413	1.00	0.5	No Trend
PTX06-1072	635047.45	375843.63	RDX	9/25/2001	7/23/2020	35	2	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)	
PTX06-1072	635047.45	375843.63	HMX	9/25/2001	7/23/2020	34	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	
PTX06-1072	635047.45	375843.63	TNT	9/25/2001	7/23/2020	34	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	
PTX06-1072	635047.45	375843.63	DNT24	9/25/2001	7/23/2020	32	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	
PTX06-1072	635047.45	375843.63	DNT26	9/25/2001	7/23/2020	32	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	
PTX06-1072	635047.45	375843.63	DNT2A	9/25/2001	7/23/2020	32	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	
PTX06-1072	635047.45	375843.63	DNT4A	9/25/2001	7/23/2020	32	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	
PTX06-1072	635047.45	375843.63	DNB13	9/25/2001	7/23/2020	32	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	
PTX06-1072	635047.45	375843.63	DIOXANE14	8/10/2002	7/23/2020	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	
PTX06-1072	635047.45	375843.63																									

Well	Eastings	Northings	COC	First Date	Last Date	NumS AD	NumD AD	AIND AD	CV AD	MKS AD	Conf AD	Trend AD	NumS L4S	NumD L4S	AIND L4S	CV L4S	MKS L4S	Conf L4S	Trend L4S	NumS SSRA	NumD SSRA	AIND SSRA	CV SSRA	MKS SSRA	Conf SSRA	Trend SSRA
PTX06-1137A	647900.89	3758635.67	TNB135	11/10/2009	10/19/2020	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
PTX06-1137A	647900.89	3758635.67	DNB13	11/10/2009	10/19/2020	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
PTX06-1137A	647900.89	3758635.67	PCE	11/10/2009	10/19/2020	23	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)
PTX06-1137A	647900.89	3758635.67	TCE	11/10/2009	10/19/2020	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
PTX06-1137A	647900.89	3758635.67	DCE12C	11/10/2009	10/19/2020	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
PTX06-1137A	647900.89	3758635.67	DNCA12	11/10/2009	10/19/2020	23	15	No	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	15	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TCLME	11/10/2009	10/19/2020	23	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)
PTX06-1137A	647900.89	3758635.67	B	11/10/2009	10/19/2020	23	23	No	0.104086759	40.00	0.8465	No Trend	4	4	No	0.059866426	4.00	0.833	No Trend	23	23	No	0.104086759	40.00	0.8465	No Trend
PTX06-1137A	647900.89	3758635.67	CR	11/10/2009	10/19/2020	23	12	No	0.288225574	34.00	0.806	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	23	12	No	0.288225574	34.00	0.806	No Trend
PTX06-1137A	647900.89	3758635.67	CR-6	11/10/2009	10/19/2020	23	9	No	0.563771127	-168.00	1	Decreasing	4	4	No	0.05198925	-4.00	1	Decreasing	23	9	No	0.563771127	-168.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	NI	11/10/2009	10/19/2020	23	19	No	1.219532101	-37.00	1	Decreasing	4	4	No	0.584334858	-4.00	0.833	No Trend	23	19	No	1.219532101	-37.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	NI	11/10/2009	10/19/2020	23	19	No	0.453373038	-114.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	19	No	0.453373038	-114.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	MO	11/10/2009	10/19/2020	23	23	No	0.041621569	6.00	0.552	No Trend	4	4	No	0.038744951	0.00	0.375	Stable	23	23	No	0.041621569	6.00	0.552	No Trend
PTX06-1137A	647900.89	3758635.67	AL	11/10/2009	10/19/2020	6	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)	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1137A	647900.89	3758635.67	BA	10/20/2014	10/19/2020	13	12	No	0.33247598	44.00	0.997	Increasing	4	4	No	0.19571956	0.00	0.375	Stable	13	12	No	0.33247598	44.00	0.997	Increasing
PTX06-1137A	647900.89	3758635.67	BA	11/26/2010	10/19/2020	16	16	No	0.036898837	1.00	0.5	No Trend	4	4	No	0.021285105	6.00	0.958	Increasing	16	16	No	0.036898837	1.00	0.5	No Trend
PTX06-1137A	647900.89	3758635.67	CA	11/10/2009	10/19/2020	6	6	No	0.06544248	9.00	0.932	Probably Increasing	4	4	No	0.03544207	0.00	0.375	Stable	6	6	No	0.06544248	9.00	0.932	Probably Increasing
PTX06-1137A	647900.89	3758635.67	FE	11/10/2009	10/19/2020	23	15	No	1.287315007	-145.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	15	No	1.287315007	-145.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	K	11/26/2010	10/19/2020	6	6	No	0.047390831	-5.00	1	Decreasing	4	4	No	0.053402546	0.00	0.375	Stable	6	6	No	0.047390831	-5.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	MO	11/26/2010	10/19/2020	6	6	No	0.046616983	-3.00	1	Decreasing	4	4	No	0.056173463	-2.00	1	Decreasing	6	6	No	0.046616983	-3.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	NA	11/26/2010	10/19/2020	6	6	No	0.057290226	-4.00	1	Decreasing	4	4	No	0.040030223	-4.00	1	Decreasing	6	6	No	0.057290226	-4.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	V	11/10/2009	10/19/2020	23	23	No	0.048037145	6.00	0.8465	No Trend	4	4	No	0.007206005	3.00	0.729	No Trend	23	23	No	0.048037145	6.00	0.8465	No Trend
PTX06-1138	646285.31	3760503.82	RDX	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	HMX	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	YNT	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	DNT24	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	DNT26	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	DNT2A	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	DNT4A	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	TNB135	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	DNB13	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	PCE	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	TCE	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	DCE12C	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	DNCA12	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	TCLME	10/1/2009	11/12/2020	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
PTX06-1138	646285.31	3760503.82	B	10/1/2009	11/12/2020	23	23	No	0.077906999	20.00	0.69	No Trend	4	4	No	0.025586237	0.00	0.375	Stable	23	23	No	0.077906999	20.00	0.69	No Trend
PTX06-1138	646285.31	3760503.82	CR	10/1/2009	11/12/2020	24	19	No	1.613401045	29.00	0.754	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	24	12	No	1.613401045	29.00	0.754	No Trend
PTX06-1138	646285.31	3760503.82	CR-6	10/1/2009	11/12/2020	24	12	No	1.26858273	-128.00	0.205	No Trend	4	4	No	0.037682735	-2.00	0.375	Decreasing	24	12	No	1.26858273	-128.00	0.205	No Trend
PTX06-1138	646285.31	3760503.82	NI	10/1/2009	11/12/2020	24	19	No	1.342888833	-33.00	0.81	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	24	19	No	1.342888833	-33.00	0.81	Decreasing
PTX06-1138	646285.31	3760503.82	NI	10/1/2009	11/12/2020	24	19	No	1.463789921	-168.00	0.91	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	24	19	No	1.463789921	-168.00	0.91	Decreasing
PTX06-1138	646285.31	3760503.82	MO	10/1/2009	11/12/2020	24	24	No	0.059303317	54.00	0.905	Probably Increasing	4	4	No	0.030417852	2.00	0.625	No Trend	24	24	No	0.059303317	54.00	0.905	Probably Increasing
PTX06-1138	646285.31	3760503.82	AL	5/4/2010	6/30/2020	6	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)	6	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1138	646285.31	3760503.82	BA	5/4/2010	6/30/2020	6	6	No	0.126080957	36.00	0.81	Increasing	4	4	No	0.03869622	0.00	0.375	Increasing	6	6	No	0.126080957	36.00	0.81	Increasing
PTX06-1138	646285.31	3760503.82	BA	5/4/2010	11/12/2020	16	16	No	0.044678494	20.00	0.801	No Trend	4	4	No	0.03605378	-4.00	1	Decreasing	16	16	No	0.044678494	20.00	0.801	No Trend
PTX06-1138	646285.31	3760503.82	CA	5/4/2010	6/30/2020	6	6	No	0.072244505	-3.00	1	Decreasing	4	4	No	0.054660185	2.00	0.625	No Trend	6	6	No	0.072244505	-3.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	FE	10/1/2009	11/12/2020	24	14	No	1.086754085	-173.00	0.1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	24	14	No	1.086754085	-173.00	0.1	Decreasing
PTX06-1138	646285.31	3760503.82	K	5/4/2010	6/30/2020	6	6	No	0.101179527	-1.00	0.5	No Trend	4	4	No	0.126811874	0.00	0.375	Stable	6	6	No	0.101179527	-1.00	0.5	No Trend
PTX06-1138	646285.31	3760503.82	MG	5/4/2010	6/30/2020	6	6	No	0.08582688	-0.00	0.9	Decreasing	4	4	No	0.02488445	-0.00	0.375	Decreasing	6	6	No	0.08582688	-0.00	0.9	Decreasing
PTX06-1138	646285.31	3760503.82	NA	5/4/2010	6/30/2020</																					

Well	Easting	Northing	COC	First Date	Last Date	NumS AD	NumD AD	AIND AD	CV AD	MKS AD	Conf AD	Trend AD	NumS L4S	NumD L4S	AIND L4S	CV L4S	MKS L4S	Conf L4S	Trend L4S	NumS SSRA	NumD SSRA	AIND SSRA	CV SSRA	MKS SSRA	Conf SSRA	Trend SSRA
PTX06-1140	646959.38	3762807.67	FE	10/15/2009	10/19/2020	23	15	No	1.046858161	-157.00	0	Decreasing	4	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	15	No	1.046858161	-157.00	0	Decreasing
PTX06-1140	646959.38	3762807.67	K	5/4/2010	6/17/2020	6	6	No	0.058881583	-7.00	1	Decreasing	4	4	No	0.028367623	2.00	0.625	No Trend	6	6	No	0.058881583	-7.00	1	Decreasing
PTX06-1140	646959.38	3762807.67	MG	5/4/2010	6/17/2020	6	6	No	0.080345765	-7.00	1	Decreasing	4	4	No	0.079710046	-2.00	1	Decreasing	6	6	No	0.080345765	-7.00	1	Decreasing
PTX06-1140	646959.38	3762807.67	NA	5/4/2010	6/17/2020	6	6	No	0.074483295	9.00	0.932	Probably Increasing	4	4	No	0.074483295	6.00	0.958	Increasing	6	6	No	0.074483295	9.00	0.932	Probably Increasing
PTX06-1140	646959.38	3762807.67	RD	10/15/2009	10/19/2020	23	23	No	0.060107764	62.00	0.946	Probably Increasing	4	4	No	0.041919661	2.00	0.625	No Trend	23	23	No	0.060107764	62.00	0.946	Probably Increasing
PTX06-1141	633445.44	3766872.94	RDX	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	HMX	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	TNT	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	DNT24	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	DNT26	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	DNT2A	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	DNT4A	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	TNB135	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	DNB13	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	DIOXANE14	6/27/2011	1/29/2020	13	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)
PTX06-1141	633445.44	3766872.94	PCE	10/14/2009	1/29/2020	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)
PTX06-1141	633445.44	3766872.94	TCE	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	DCE12C	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	DCA12	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	TCLME	10/14/2009	1/29/2020	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
PTX06-1141	633445.44	3766872.94	PERC	10/14/2009	1/29/2020	21	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)	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1141	633445.44	3766872.94	B	10/14/2009	1/29/2020	21	21	No	0.082023536	-29.00	1	Decreasing	4	4	No	0.074482809	-2.00	1	Decreasing	21	21	No	0.082023536	-29.00	1	Decreasing
PTX06-1141	633445.44	3766872.94	MIN	7/21/2010	1/29/2020	15	14	No	1.340070118	-72.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	14	No	1.340070118	-72.00	1	Decreasing
PTX06-1141	633445.44	3766872.94	AL	7/21/2010	1/29/2020	6	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)	6	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1141	633445.44	3766872.94	AS	7/21/2010	1/29/2020	13	11	No	0.28693093	-61.00	0.833	Increasing	4	4	No	0.136119631	-4.00	0.833	No Trend	13	11	No	0.28693093	-61.00	0.833	Increasing
PTX06-1141	633445.44	3766872.94	BA	7/21/2010	1/29/2020	16	16	No	0.110783963	3.00	0.5355	No Trend	4	4	No	0.136251856	4.00	0.833	No Trend	16	16	No	0.110783963	3.00	0.5355	No Trend
PTX06-1141	633445.44	3766872.94	CA	7/21/2010	1/29/2020	6	6	No	0.08066532	-1.00	1	Decreasing	4	4	No	0.103194411	-2.00	1	Decreasing	6	6	No	0.08066532	-1.00	1	Decreasing
PTX06-1141	633445.44	3766872.94	FE	7/21/2010	1/29/2020	6	6	No	1.330711661	-11.00	1	Decreasing	4	4	No	0.485510453	-6.00	1	Decreasing	6	6	No	1.330711661	-11.00	1	Decreasing
PTX06-1141	633445.44	3766872.94	K	7/21/2010	1/29/2020	6	6	No	0.04430311	-4.00	1	Decreasing	4	4	No	0.039629424	-4.00	1	Decreasing	6	6	No	0.04430311	-4.00	1	Decreasing
PTX06-1141	633445.44	3766872.94	MG	7/21/2010	1/29/2020	6	6	No	0.048136577	-2.00	0.67	Decreasing	4	4	No	0.02760792	2.00	0.625	Decreasing	6	6	No	0.048136577	-2.00	0.67	Decreasing
PTX06-1141	633445.44	3766872.94	NA	7/21/2010	1/29/2020	6	6	No	0.165686391	-9.00	1	Decreasing	4	4	No	0.065463245	0.00	0.375	Stable	6	6	No	0.165686391	-9.00	1	Decreasing
PTX06-1143	639244.72	3770496.78	RDX	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	HMX	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	TNT	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	DNT24	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	DNT26	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	DNT2A	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	DNT4A	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	TNB135	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	DNB13	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	DIOXANE14	6/8/2011	11/12/2020	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	PCE	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	TCE	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	DCE12C	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	DCA12	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	TCLME	10/15/2009	11/12/2020	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
PTX06-1143	639244.72	3770496.78	PERC	10/15/2009	11/12/2020	23	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)	23	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1143	639244.72	3770496.78	B	10/15/2009	11/12/2020	23	23	No	0.097105231	76.00	0.9765	Increasing	4	4	No	0.07303271	2.00	0.625	No Trend	23	23	No	0.097105231	76.00	0.9765	Increasing
PTX06-1143	639244.72	3770496.78	AL	5/5/2010	6/22/2020	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	AS	5/5/2010	6/22/2020	6	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	BA	5/5/2010	6/22/2020	14	10	No	0.224632688	49.00	0.997	Increasing	4	4	No	0.123161777	0.00	0.375	Stable	14	10	No</				

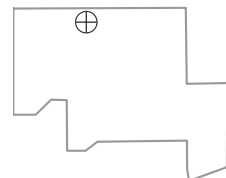
Well	Eastng	Northing	COC	First Date	Last Date	NumS AD	NumD AD	AIIND AD	CV AD	MKS AD	Conf AD	Trend AD	NumS L4S	NumD L4S	AIIND L4S	CV L4S	MKS L4S	Conf L4S	Trend L4S	NumS SSRA	NumD SSRA	AIIND SSRA	CV SSRA	MKS SSRA	Conf SSRA	Trend SSRA
PTX06-1157	647101.97	3753701.98	MO	6/15/2010	7/27/2020	22	22	No	0.094350839	21.00	0.711	No Trend	4	4	No	0.029190255	0.00	0.375	Stable	22	22	No	0.094350839	21.00	0.711	No Trend
PTX06-1157	647101.97	3753701.98	AL	10/21/2010	1/27/2020	6	4	No	1.476462059	2.00	0.57	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	4	No	1.476462059	2.00	0.57	No Trend
PTX06-1157	647101.97	3753701.98	AS	6/7/2011	7/27/2020	14	12	No	0.242026707	34.00	0.9645	Increasing	4	4	No	0.097051839	0.00	0.375	Stable	14	12	No	0.242026707	34.00	0.9645	Increasing
PTX06-1157	647101.97	3753701.98	BA	10/21/2010	7/27/2020	17	17	No	0.075054624	-43.00	1	Decreasing	4	4	No	0.043182039	-2.00	0.625	No Trend	17	17	No	0.075054624	-43.00	1	Decreasing
PTX06-1157	647101.97	3753701.98	CA	10/21/2010	1/27/2020	6	6	No	0.105985734	0.00	0.422666667	Stable	4	4	No	0.133234556	0.00	0.375	Stable	6	6	No	0.105985734	0.00	0.422666667	Stable
PTX06-1157	647101.97	3753701.98	FE	6/15/2010	7/27/2020	22	17	No	1.296918341	-107.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	17	No	1.296918341	-107.00	1	Decreasing
PTX06-1157	647101.97	3753701.98	K	10/21/2010	1/27/2020	6	6	No	0.035689244	9.00	0.932	Probably Increasing	4	4	No	0.021818543	0.00	0.375	Stable	6	6	No	0.035689244	9.00	0.932	Probably Increasing
PTX06-1157	647101.97	3753701.98	MG	10/21/2010	1/27/2020	6	6	No	0.063894544	1.00	0.5	No Trend	4	4	No	0.080786315	2.00	0.625	No Trend	6	6	No	0.063894544	1.00	0.5	No Trend
PTX06-1157	647101.97	3753701.98	NA	10/21/2010	1/27/2020	6	6	No	0.073604243	9.00	0.932	Probably Increasing	4	4	No	0.058271317	6.00	0.958	Increasing	6	6	No	0.073604243	9.00	0.932	Probably Increasing
PTX06-1157	647101.97	3753701.98	NV	6/15/2010	7/27/2020	22	22	No	0.050321775	61.00	1	Increasing	4	4	No	0.041965777	0.00	0.375	Stable	22	22	No	0.050321775	61.00	1	Increasing
PTX07-1R01	627914.28	3764159.91	RDV	9/19/2000	7/27/2020	33	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)	22	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	HMX	9/19/2000	7/27/2020	33	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
PTX07-1R01	627914.28	3764159.91	TNT	9/19/2000	7/27/2020	33	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
PTX07-1R01	627914.28	3764159.91	DNT24	9/19/2000	7/27/2020	30	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
PTX07-1R01	627914.28	3764159.91	DNT26	9/19/2000	7/27/2020	30	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
PTX07-1R01	627914.28	3764159.91	DNT28	9/19/2000	7/27/2020	30	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
PTX07-1R01	627914.28	3764159.91	DNT4A	9/19/2000	7/27/2020	30	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
PTX07-1R01	627914.28	3764159.91	TNB135	9/19/2000	7/27/2020	30	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
PTX07-1R01	627914.28	3764159.91	DNB13	9/19/2000	7/27/2020	30	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
PTX07-1R01	627914.28	3764159.91	DOXANE14	7/28/2001	7/27/2020	15	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)
PTX07-1R01	627914.28	3764159.91	PCE	5/8/2000	7/27/2020	33	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
PTX07-1R01	627914.28	3764159.91	TCE	5/8/2000	7/27/2020	33	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
PTX07-1R01	627914.28	3764159.91	DCE12C	5/8/2000	7/27/2020	29	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
PTX07-1R01	627914.28	3764159.91	DCA12	5/8/2000	7/27/2020	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
PTX07-1R01	627914.28	3764159.91	TCLME	5/8/2000	7/27/2020	30	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
PTX07-1R01	627914.28	3764159.91	PERC	9/19/2000	7/27/2020	32	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)	25	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	B	9/19/2000	7/27/2020	31	31	No	0.06671662	35.00	0.717	No Trend	4	4	No	0.07781646	2.00	0.625	No Trend	22	22	No	0.066783369	15.00	0.652	No Trend
PTX07-1R01	627914.28	3764159.91	MN	9/19/2000	7/27/2020	25	13	No	1.925631545	-165.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	4	No	1.406945293	-12.00	1	Decreasing
PTX07-1R01	627914.28	3764159.91	AL	9/19/2000	7/27/2020	16	8	No	0.974935527	-23.00	1	Decreasing	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)
PTX07-1R01	627914.28	3764159.91	AS	9/19/2000	7/27/2020	20	17	No	0.331117912	45.00	0.9225	Probably Increasing	4	4	No	0.108467546	-2.00	1	Decreasing	13	11	No	0.295208303	31.00	0.9665	Increasing
PTX07-1R01	627914.28	3764159.91	BA	9/19/2000	7/27/2020	27	27	No	0.136851051	-64.00	1	Decreasing	4	4	No	0.025502239	-2.00	1	Decreasing	16	16	No	0.069410682	58.00	0.996	Increasing
PTX07-1R01	627914.28	3764159.91	CA	9/19/2000	7/27/2020	13	13	No	0.162236383	20.00	0.874	No Trend	4	4	No	0.1272901645	2.00	0.625	No Trend	6	6	No	0.171313663	5.00	0.765	No Trend
PTX07-1R01	627914.28	3764159.91	FE	9/19/2000	7/27/2020	16	13	No	0.991093151	-53.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	K	9/19/2000	7/27/2020	13	13	No	0.227967744	2.00	1	Increasing	4	4	No	0.066441342	0.00	0.375	Stable	6	6	No	0.045373697	-3.00	1	Decreasing
PTX07-1R01	627914.28	3764159.91	MG	9/19/2000	7/27/2020	16	16	No	0.146207087	49.00	0.9855	Increasing	4	4	No	0.106502346	0.00	0.375	Stable	6	6	No	0.097814764	3.00	0.64	No Trend
PTX07-1R01	627914.28	3764159.91	NA	9/19/2000	7/27/2020	13	13	No	0.640567907	-37.00	1	Decreasing	4	4	No	0.042288263	4.00	0.833	No Trend	6	6	No	0.040969999	6.00	0.8145	No Trend

**PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



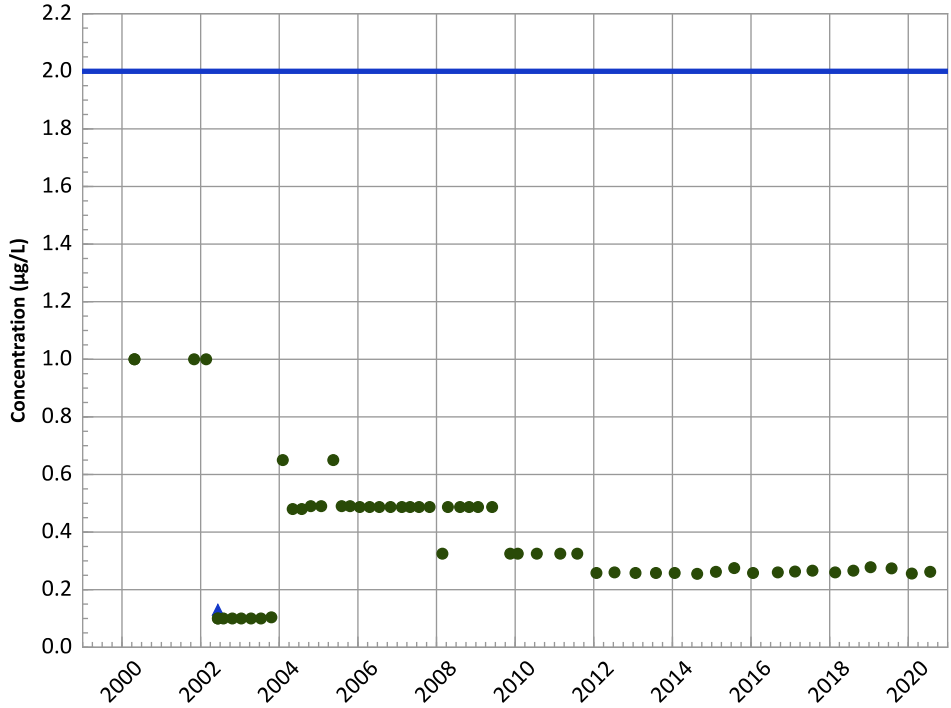
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

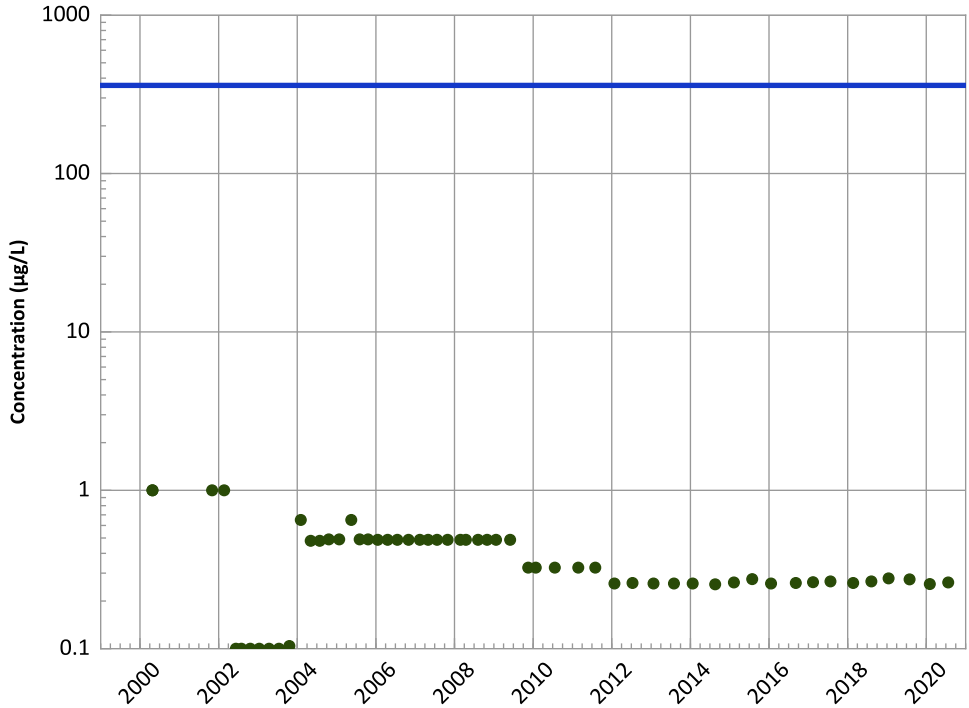
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

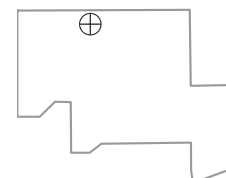
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

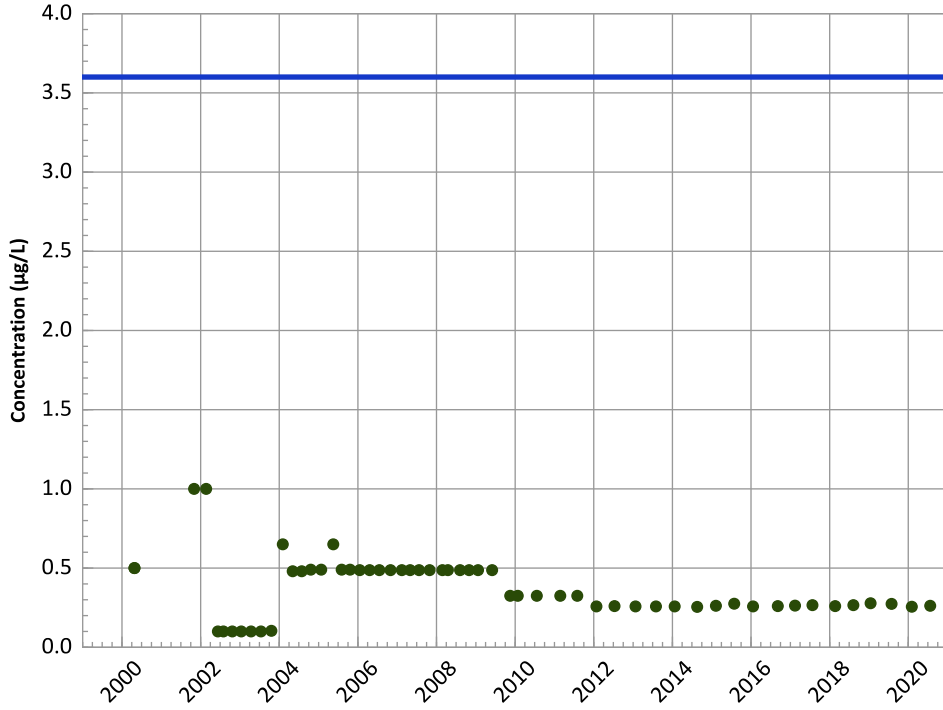
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

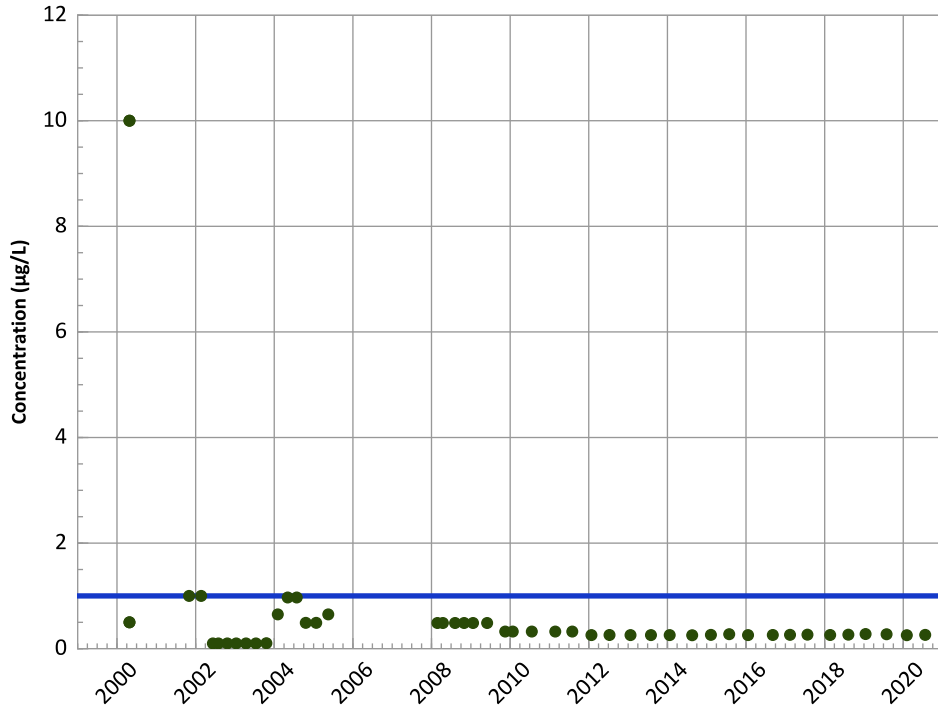
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

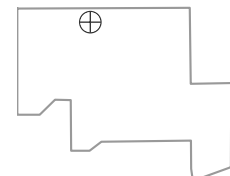
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

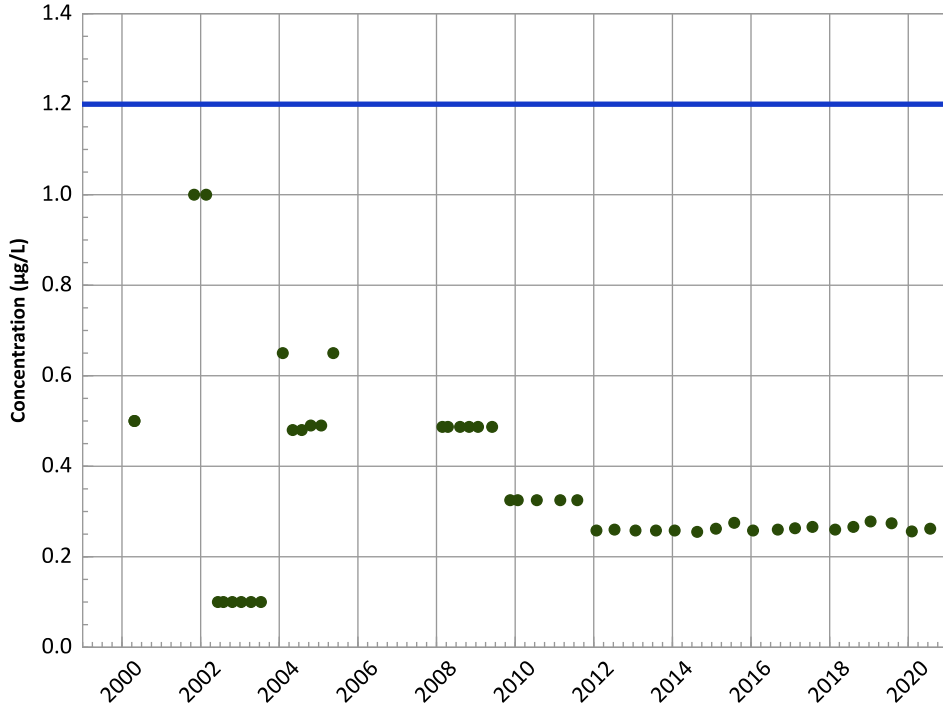
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

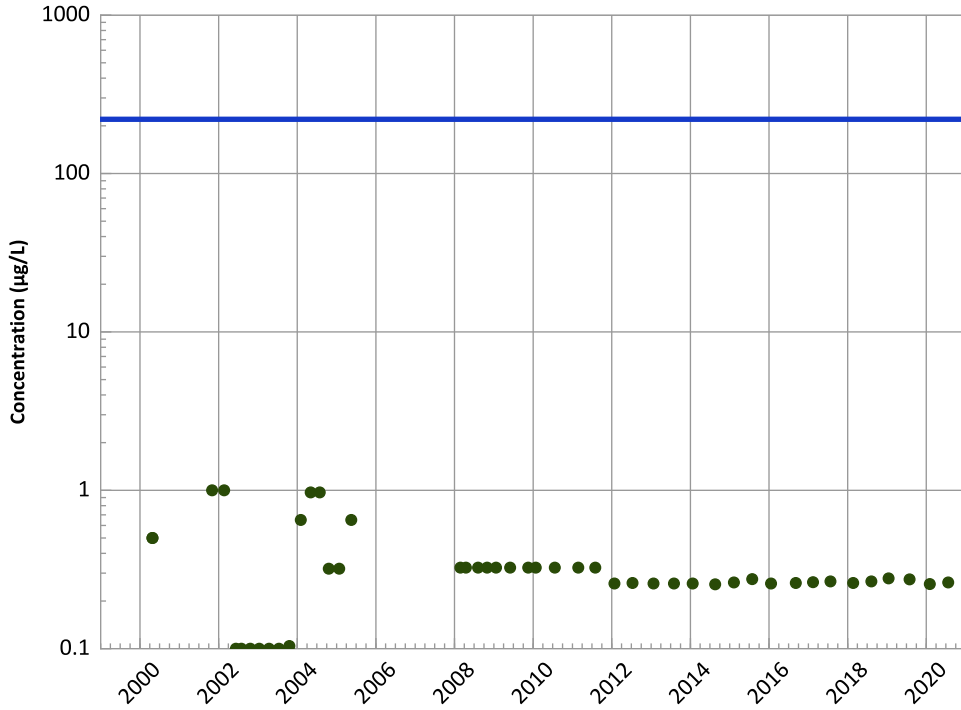
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

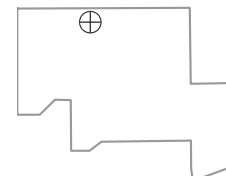
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

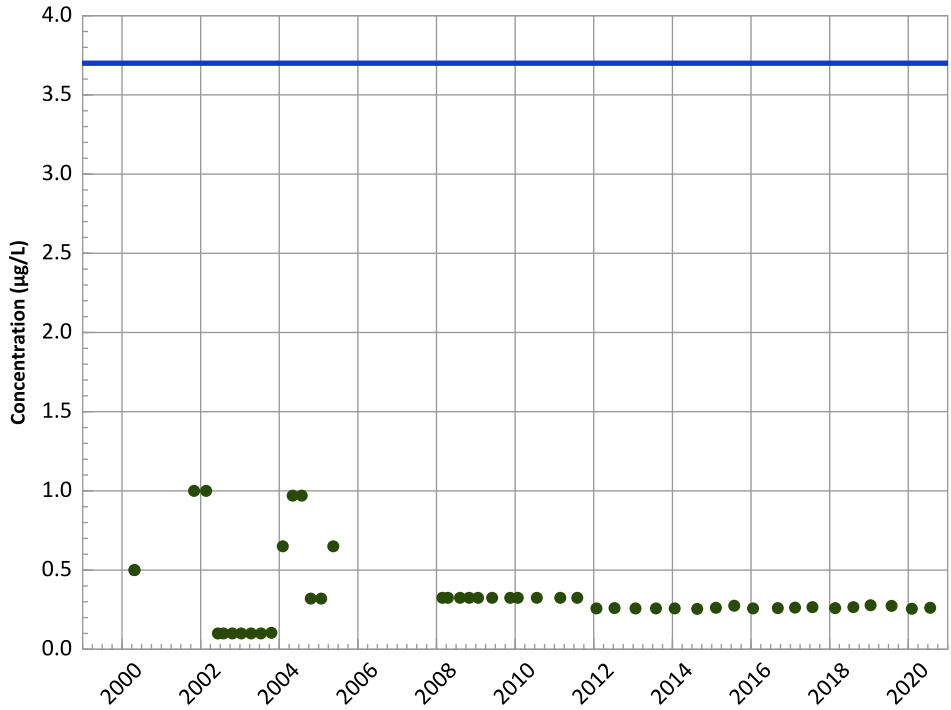
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

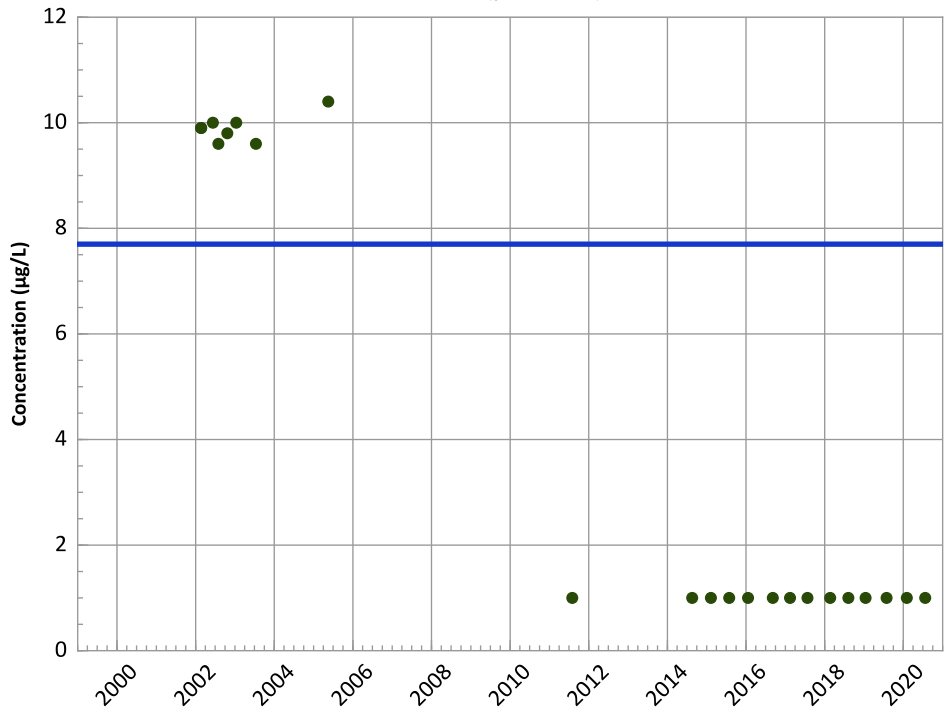
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

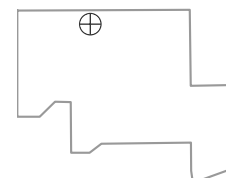
All Data:

All Non-Detect

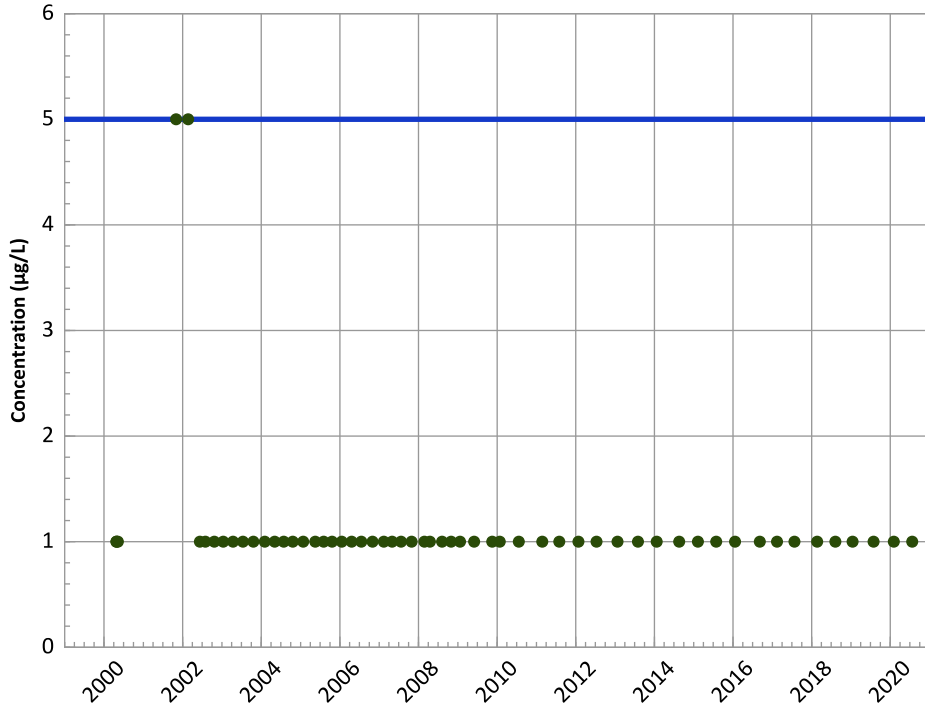
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

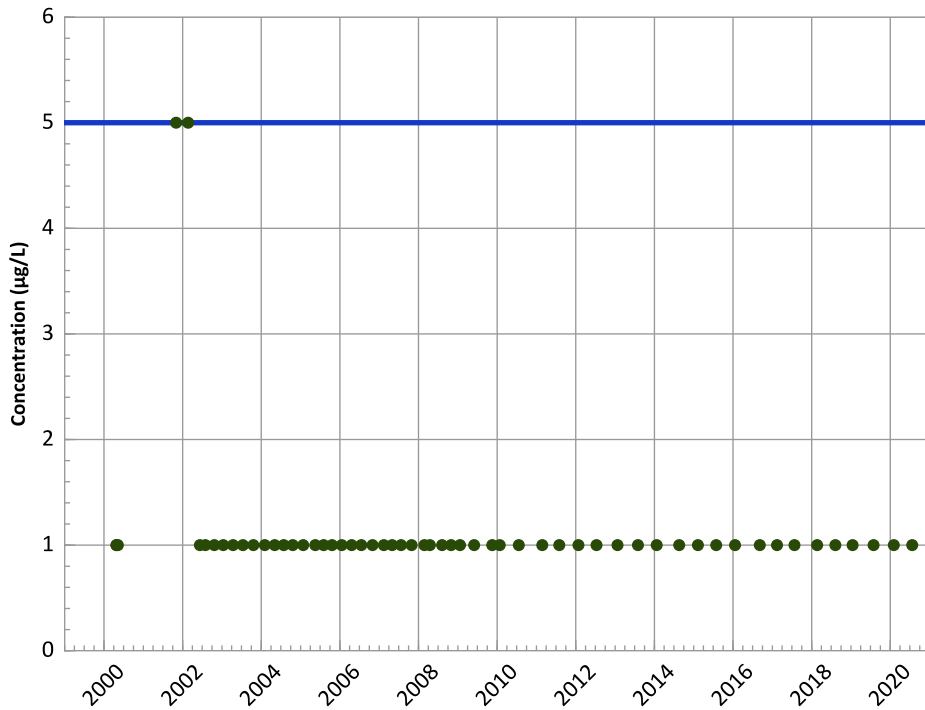
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

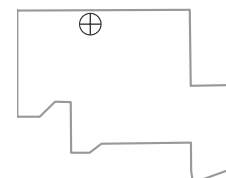
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

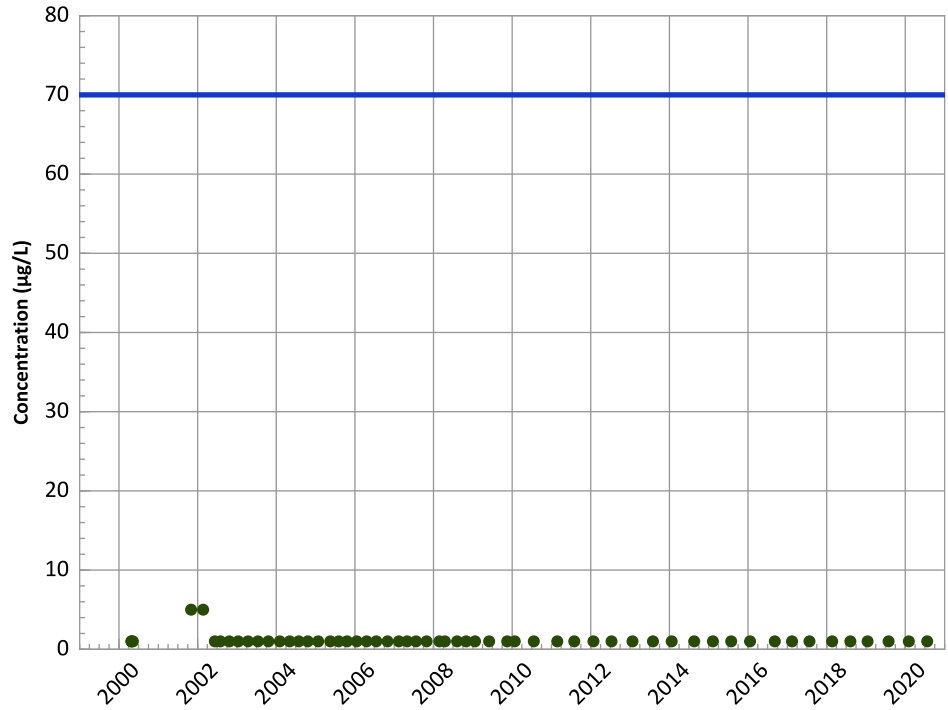
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

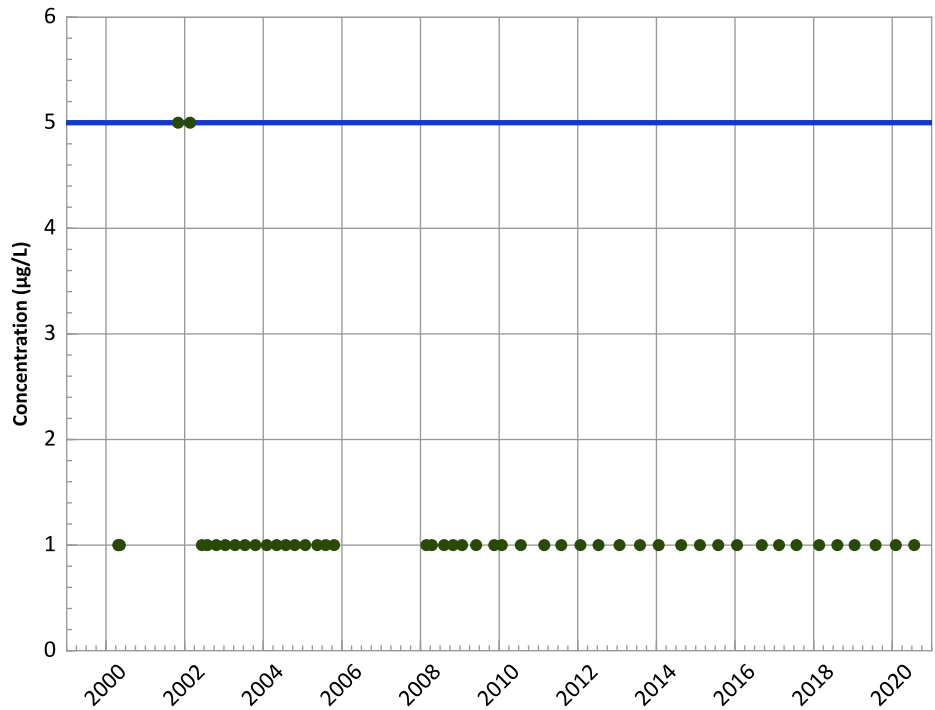
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

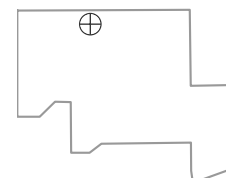
All Data:

All Non-Detect

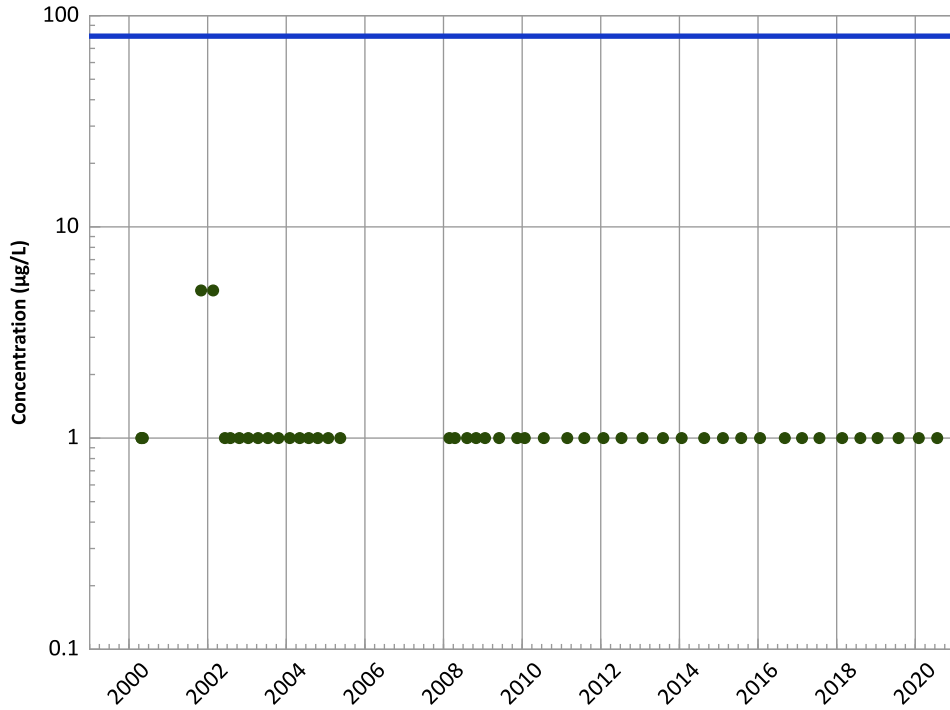
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

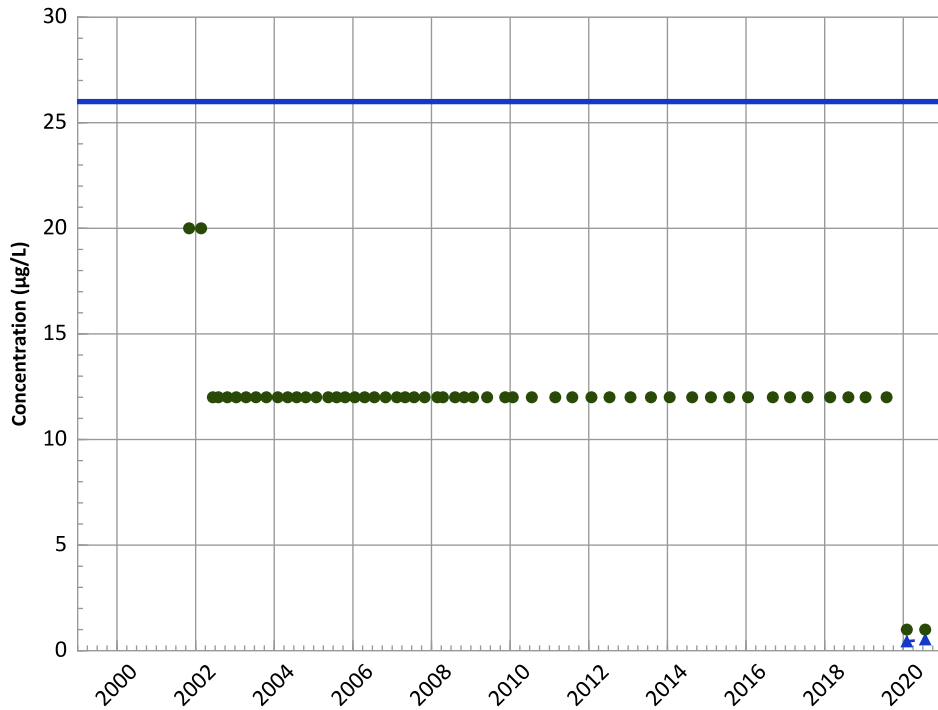


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

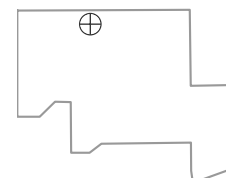


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

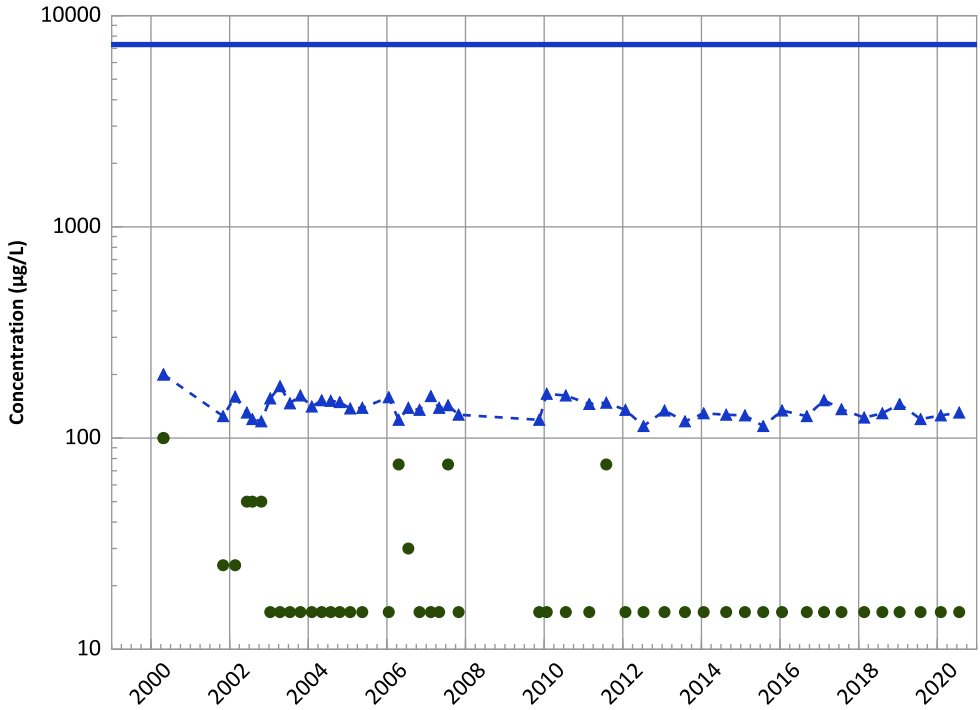
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

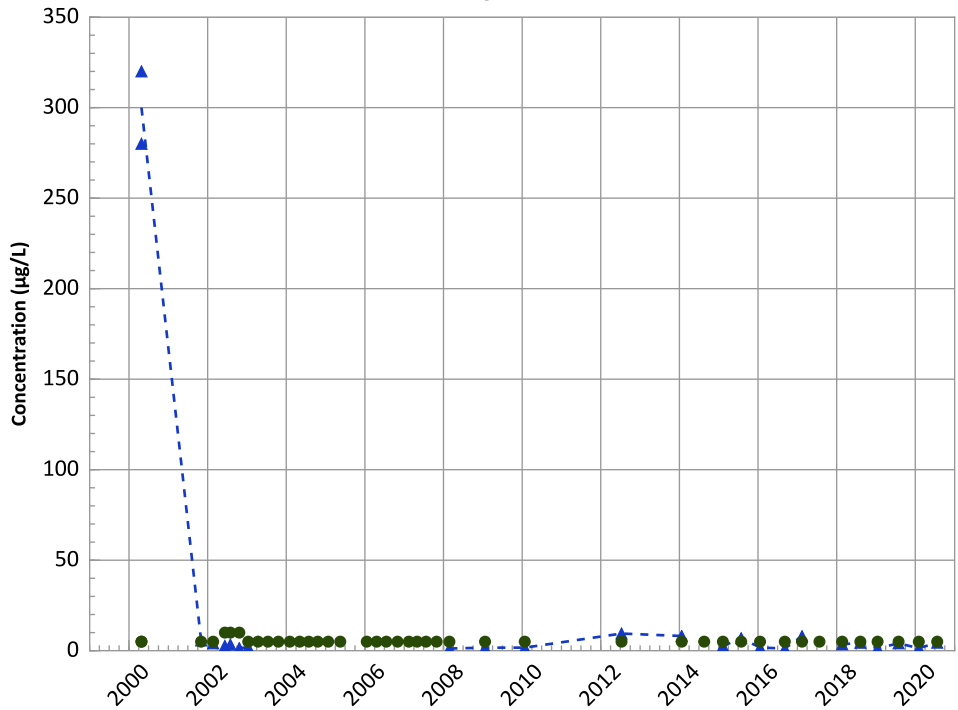
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

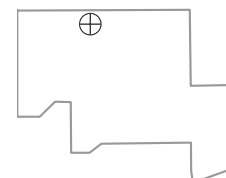
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

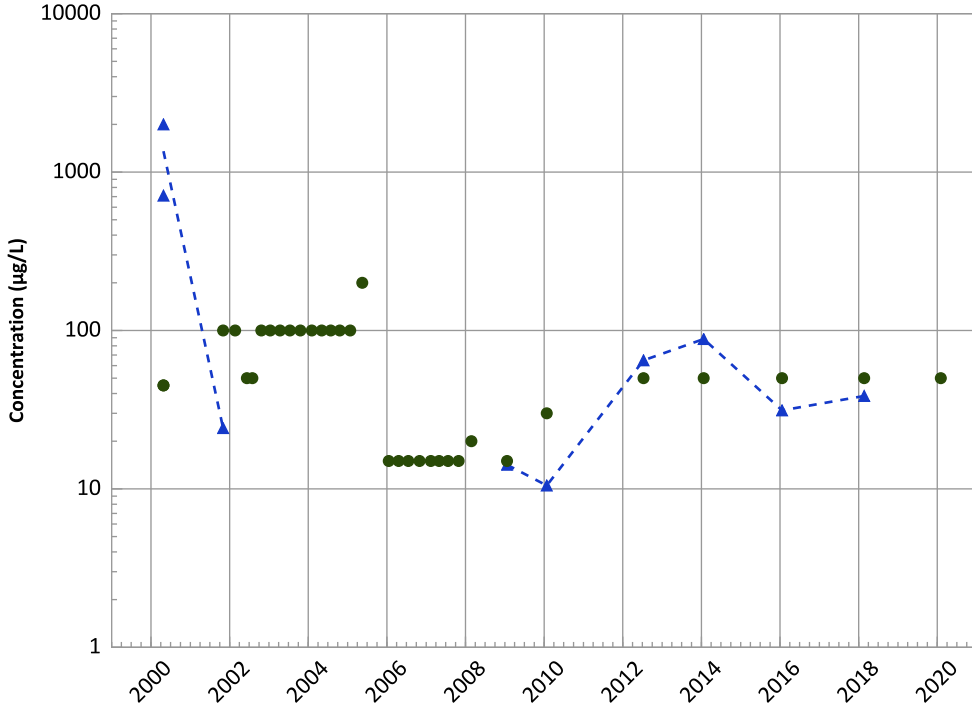
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

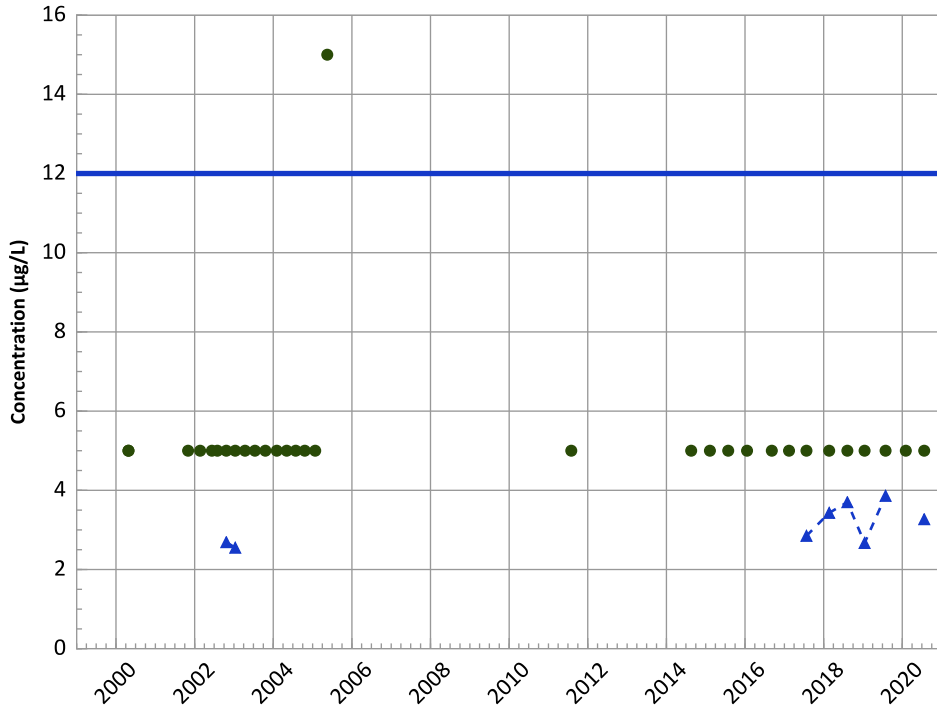


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Arsenic Trend

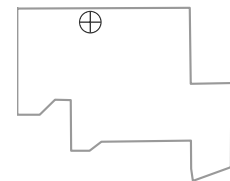


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Well Location

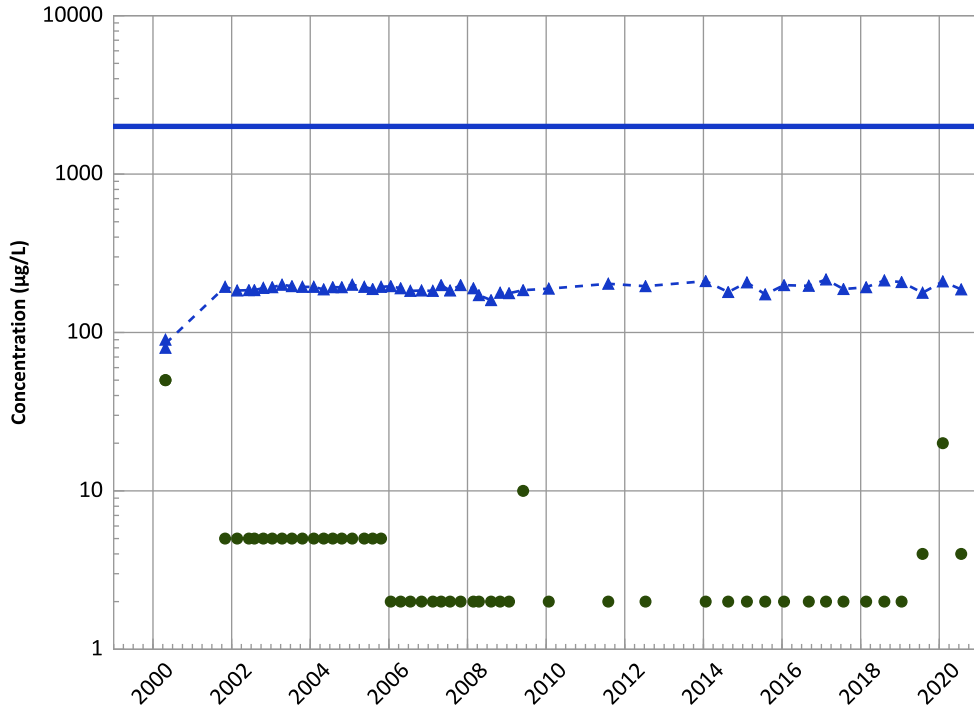


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

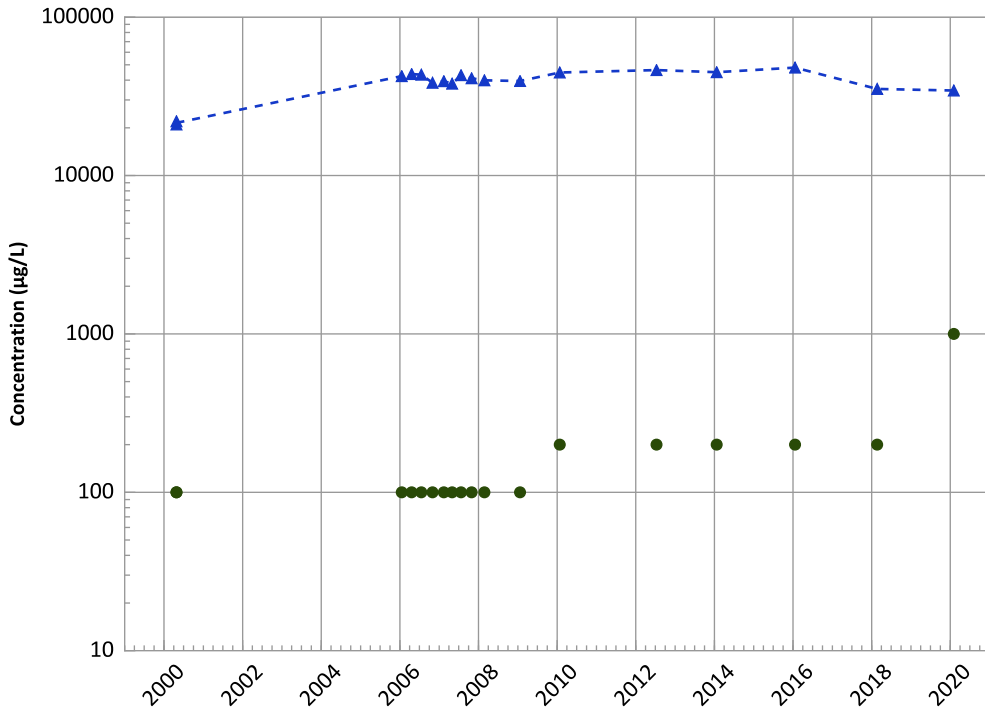
2018 - 2020 Data:

Stable

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

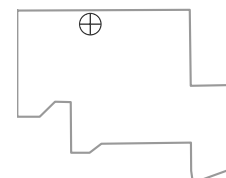
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

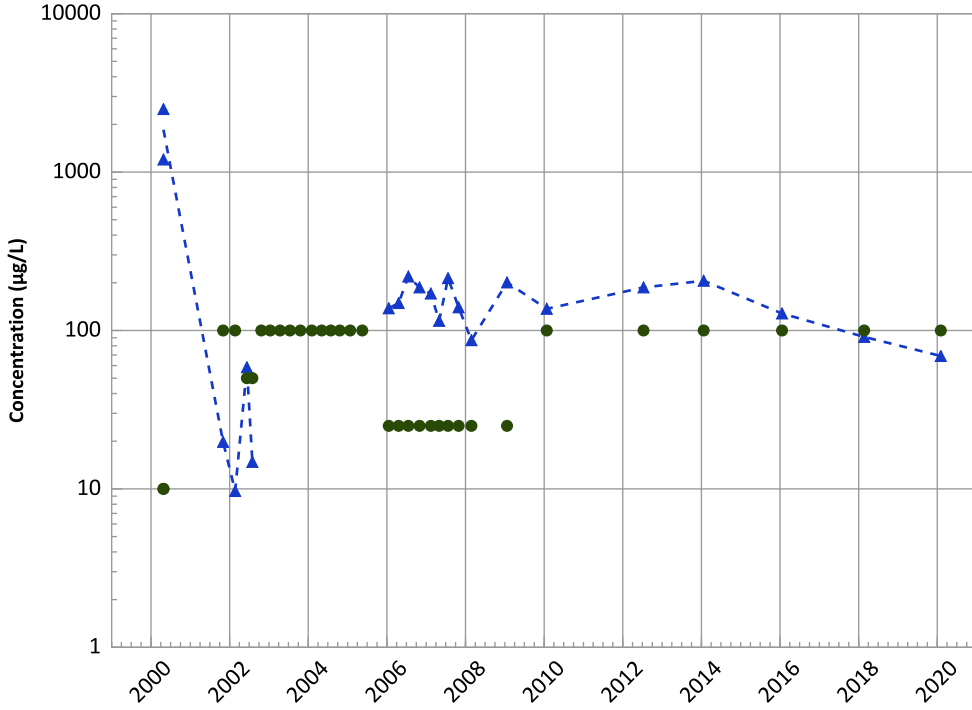
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

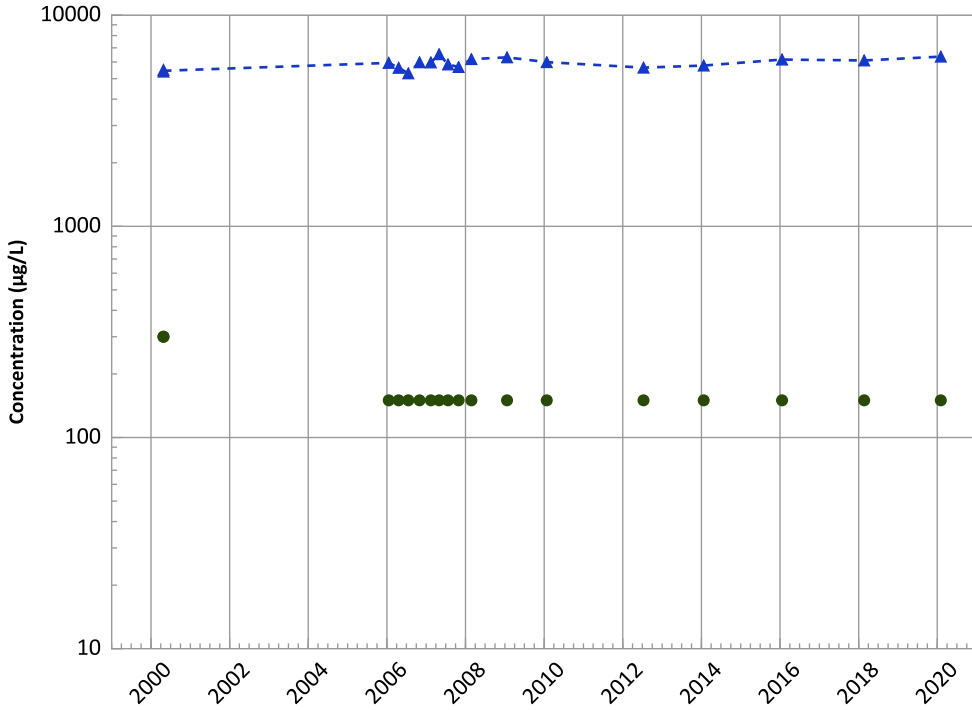
2018 - 2020 Data:

Decreasing

All Data:

No Trend

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

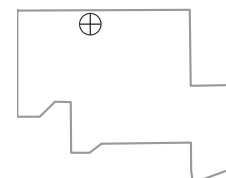
2018 - 2020 Data:

Increasing

All Data:

Increasing

Well Location

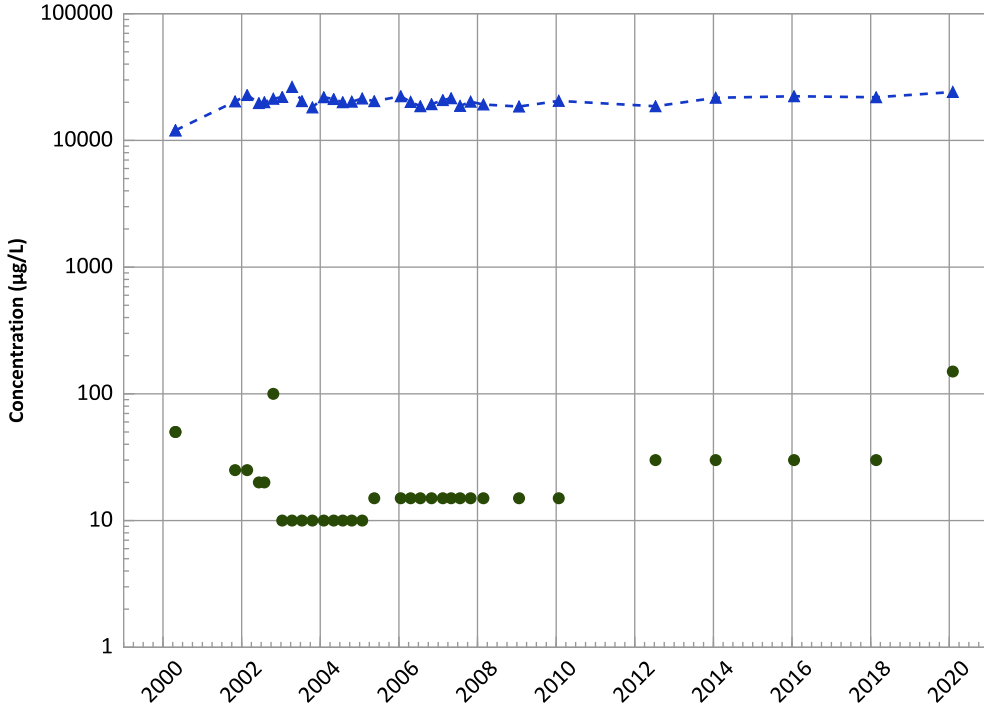


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

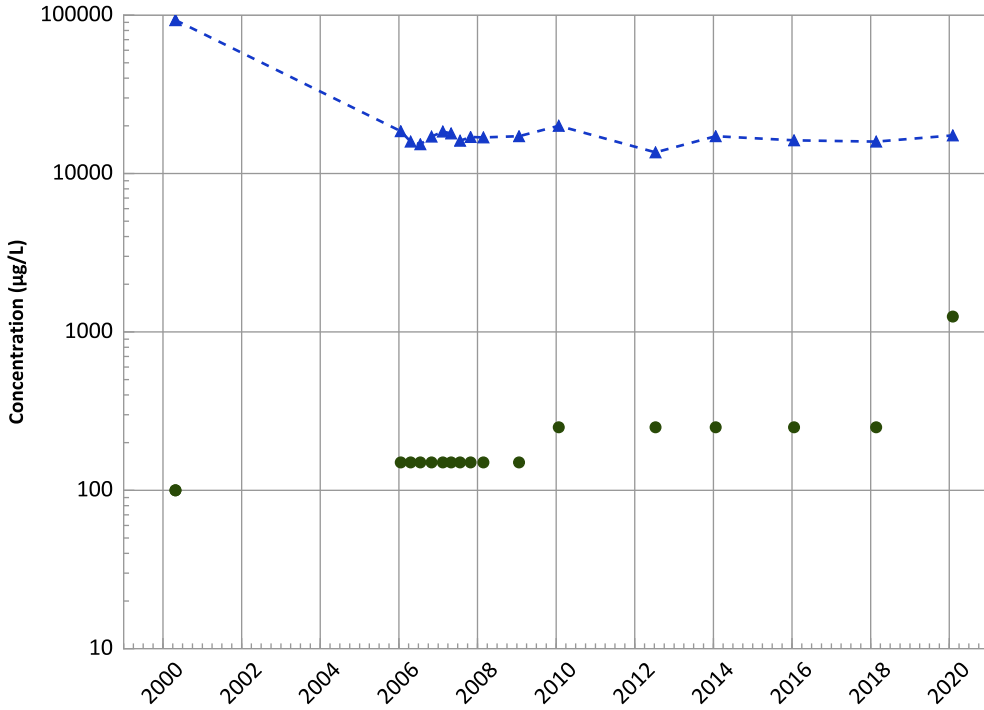
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

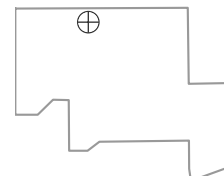
All Data:

Decreasing

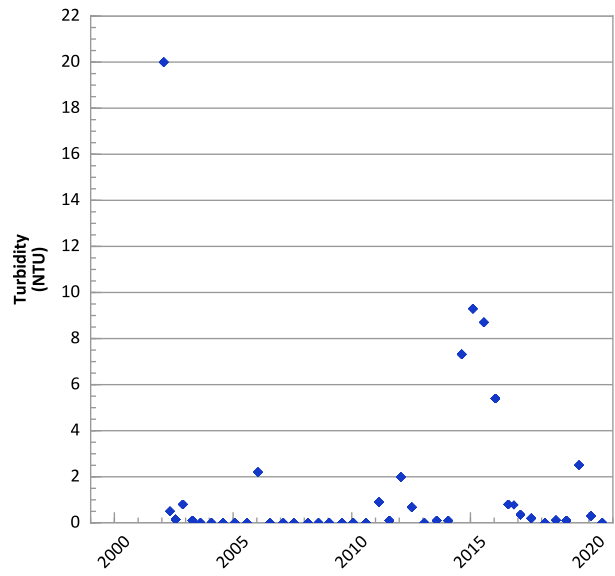
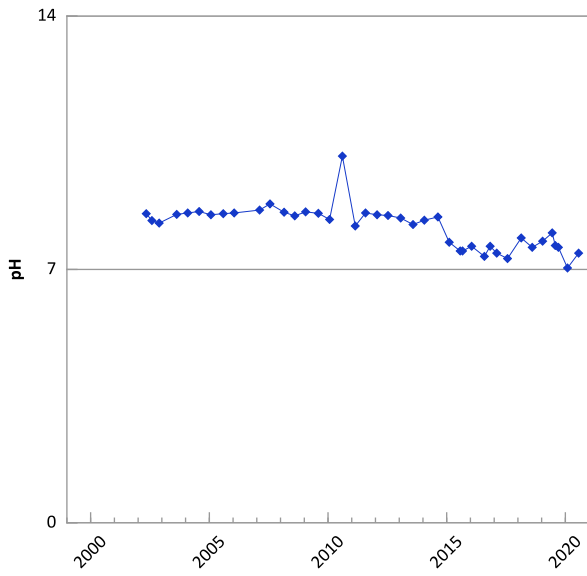
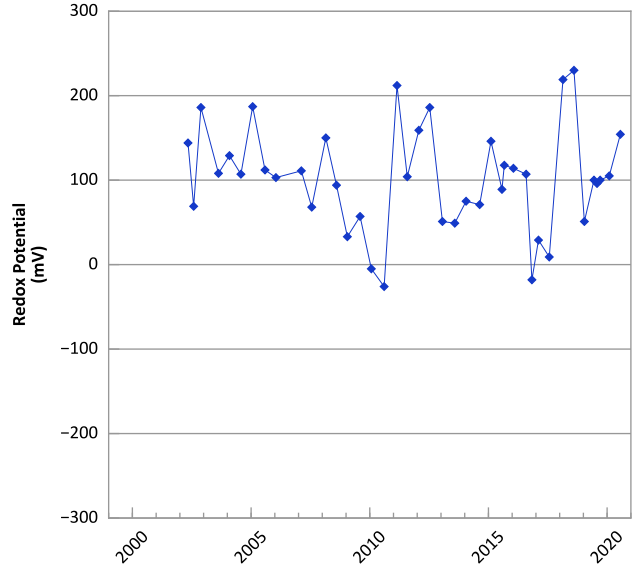
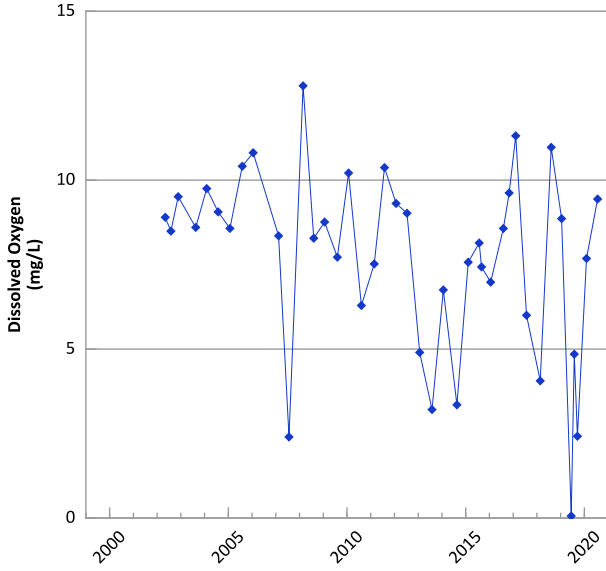
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/26/2000 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

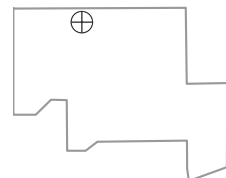


**PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



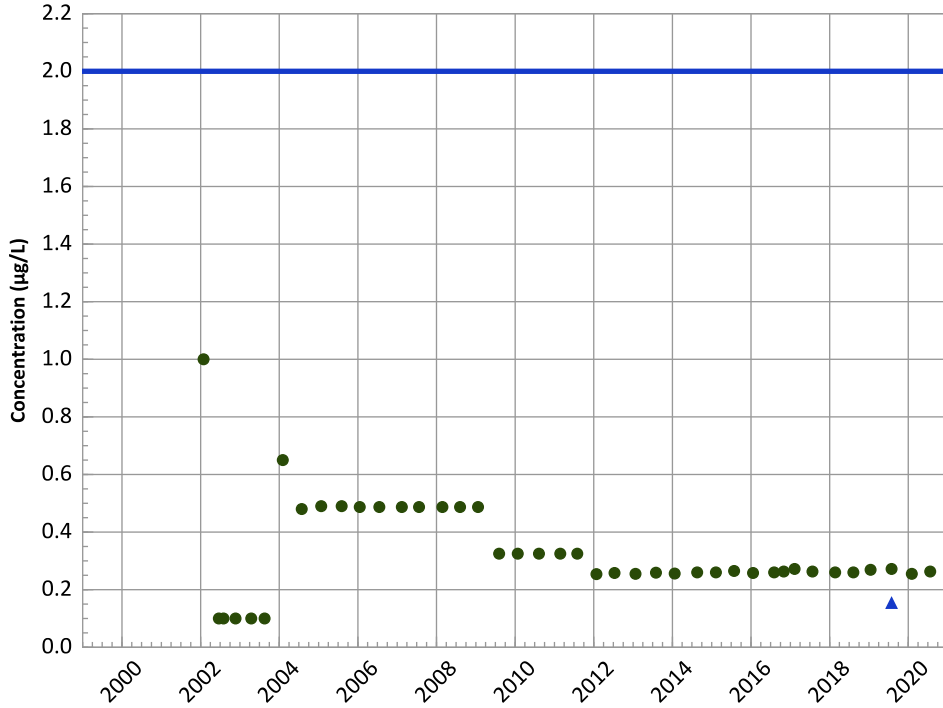
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 01/28/2002 to 07/23/2020
 Analysis Date: 06/03/2021

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RD_X (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

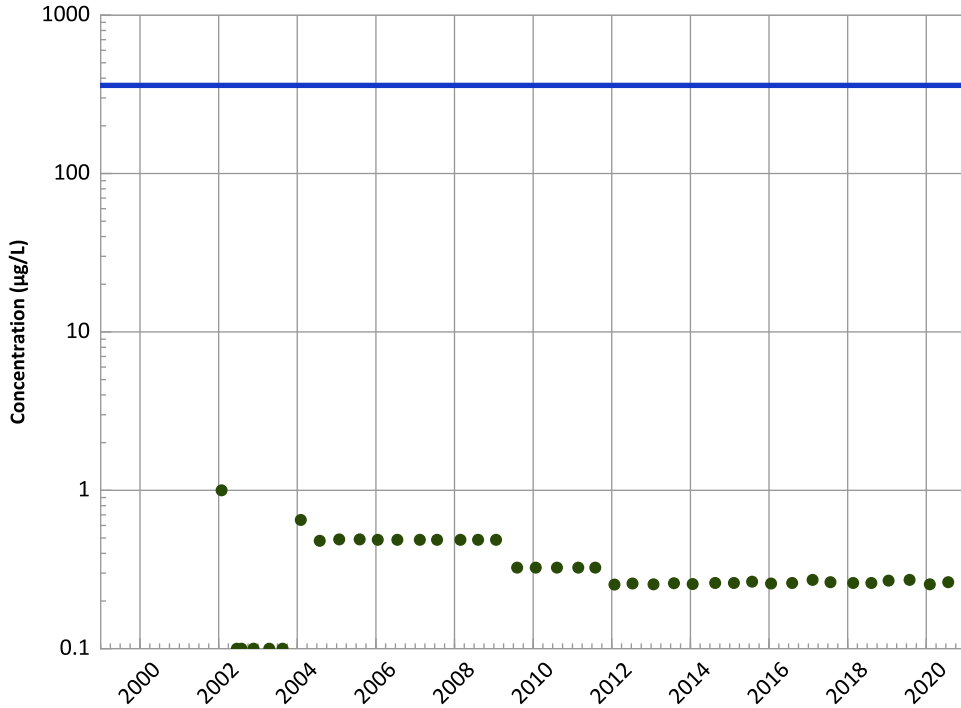
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

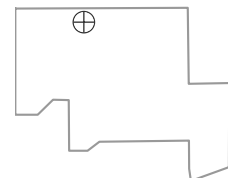
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

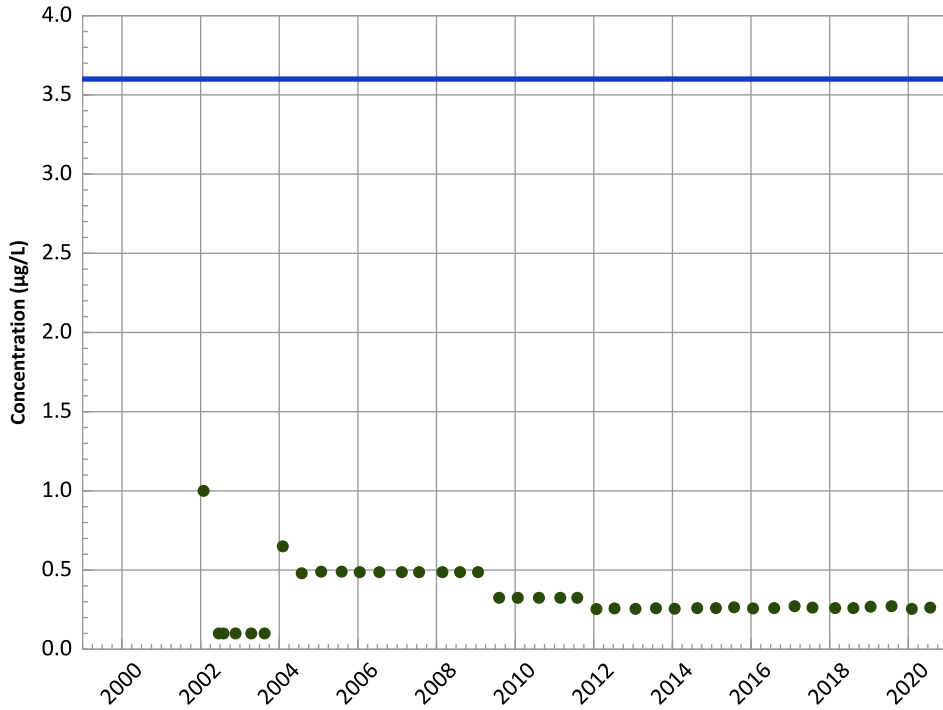
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

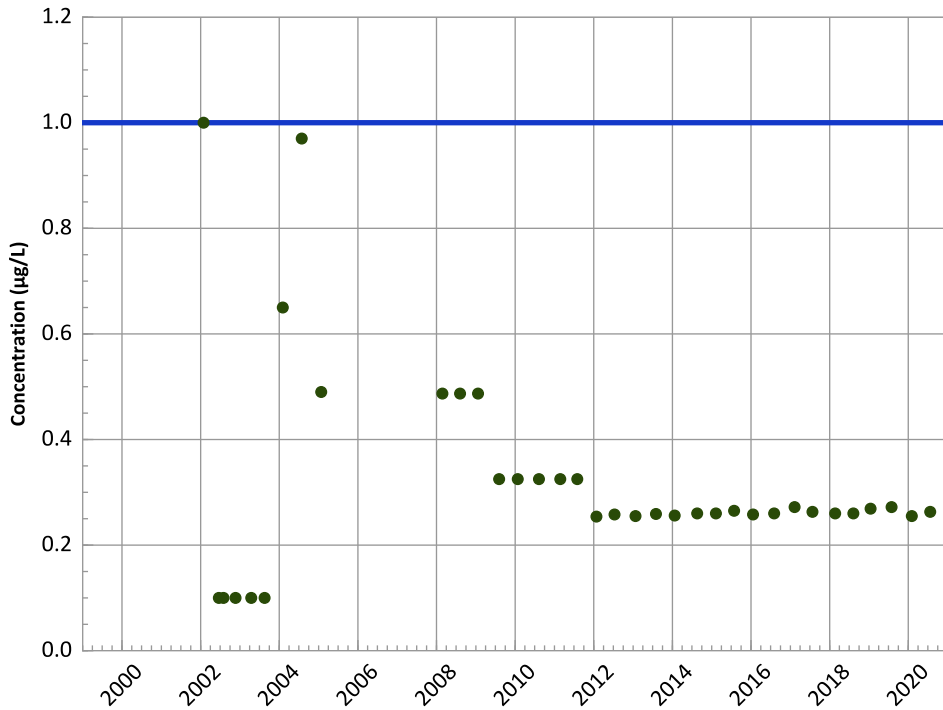
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

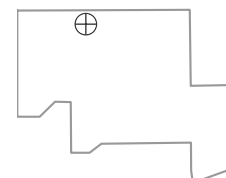
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

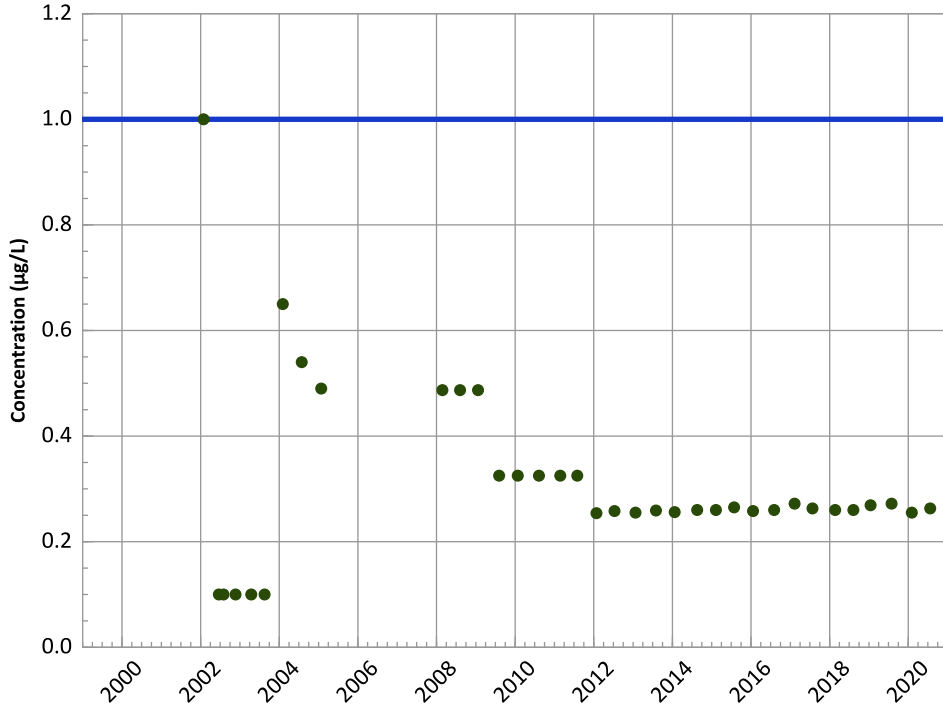


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

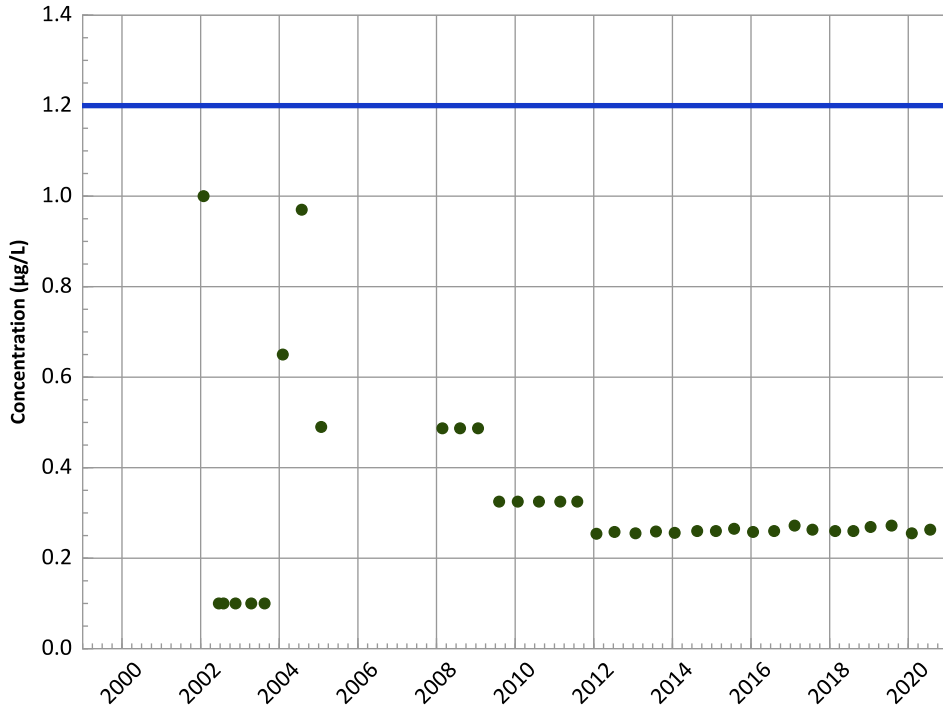
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

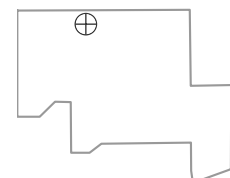
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

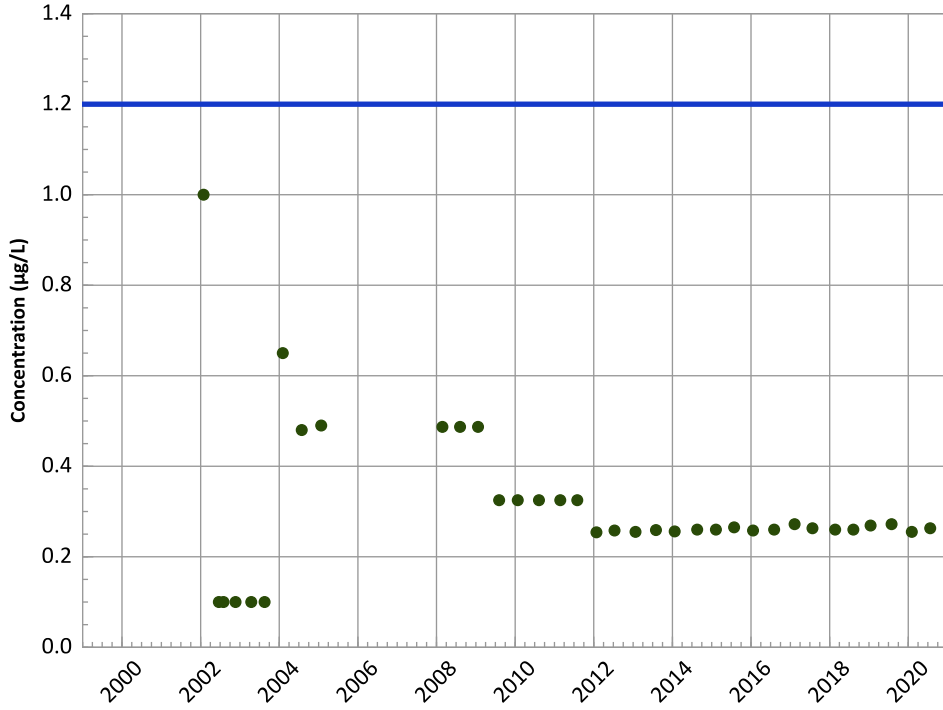


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

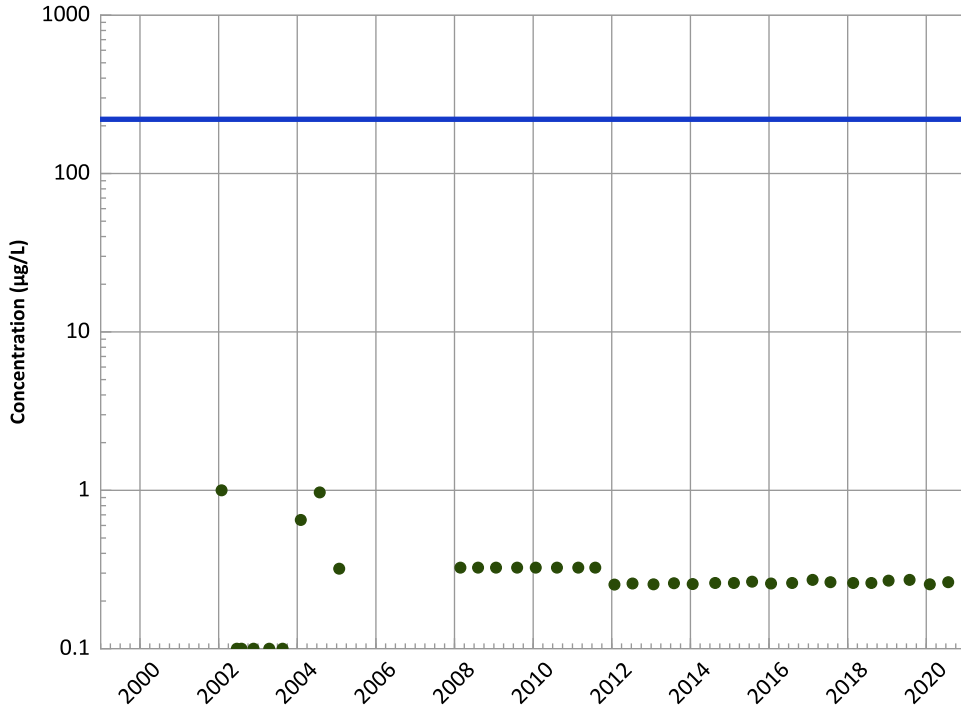
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

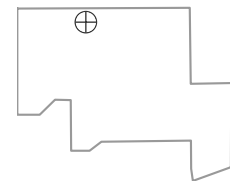
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

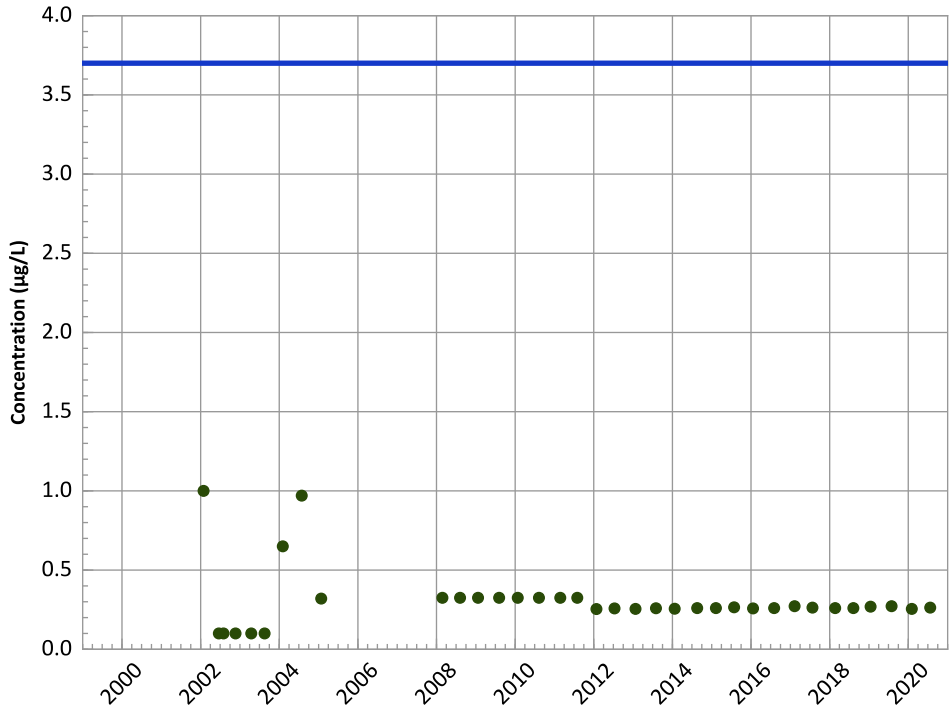


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

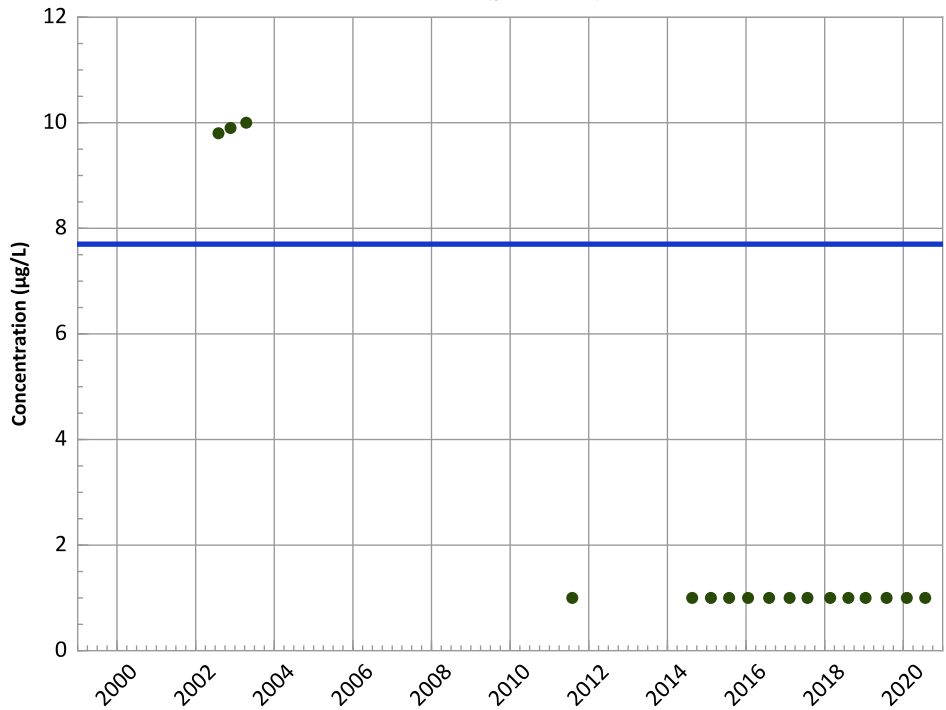
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

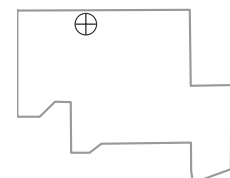
All Data:

All Non-Detect

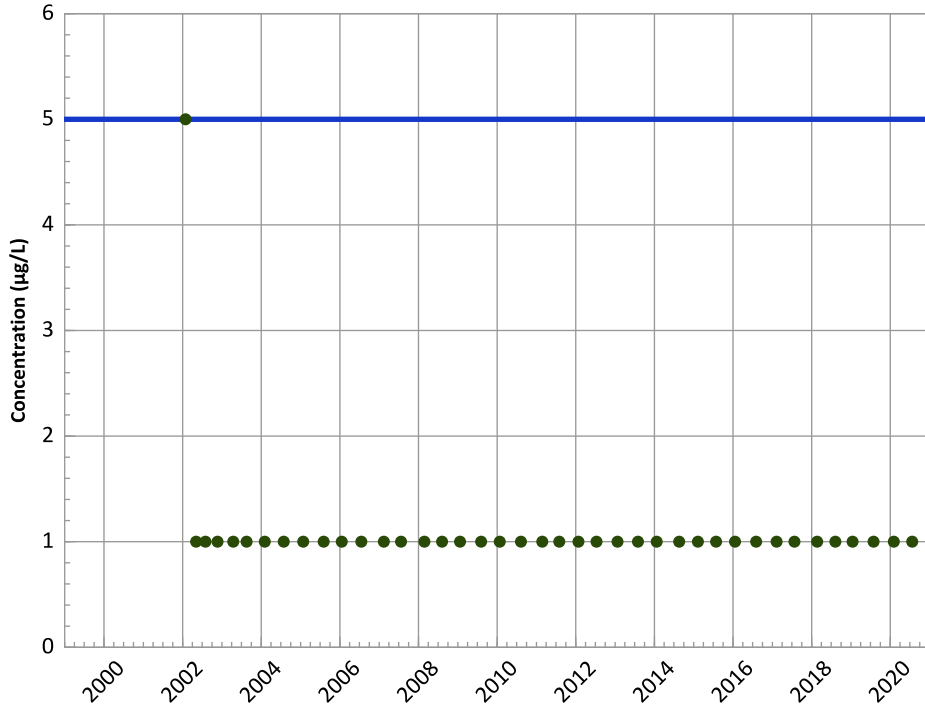
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

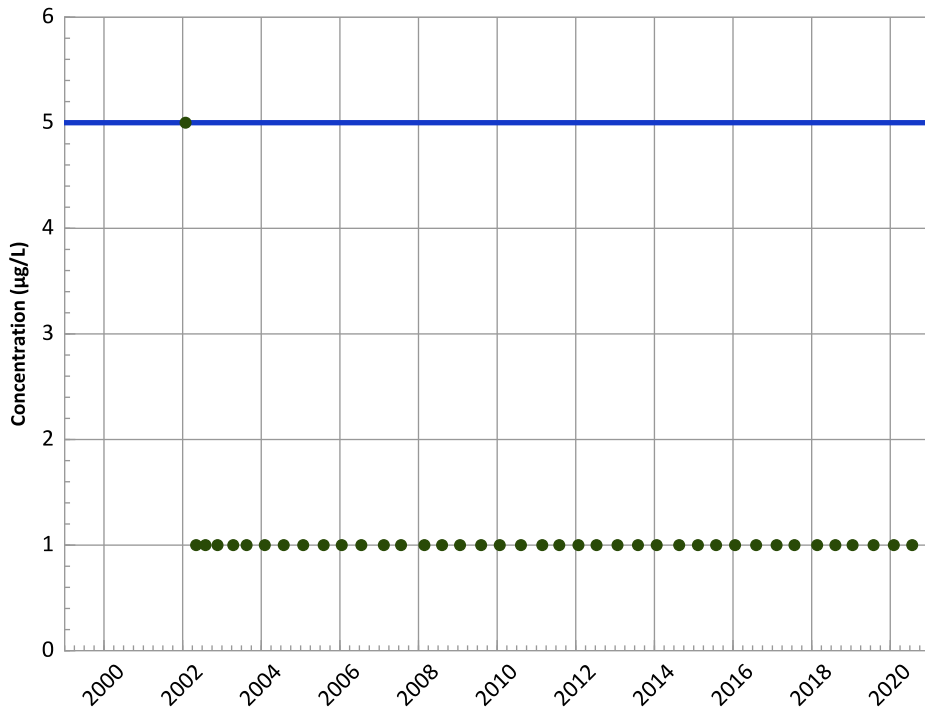
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

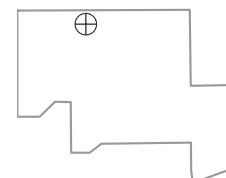
All Data:

All Non-Detect

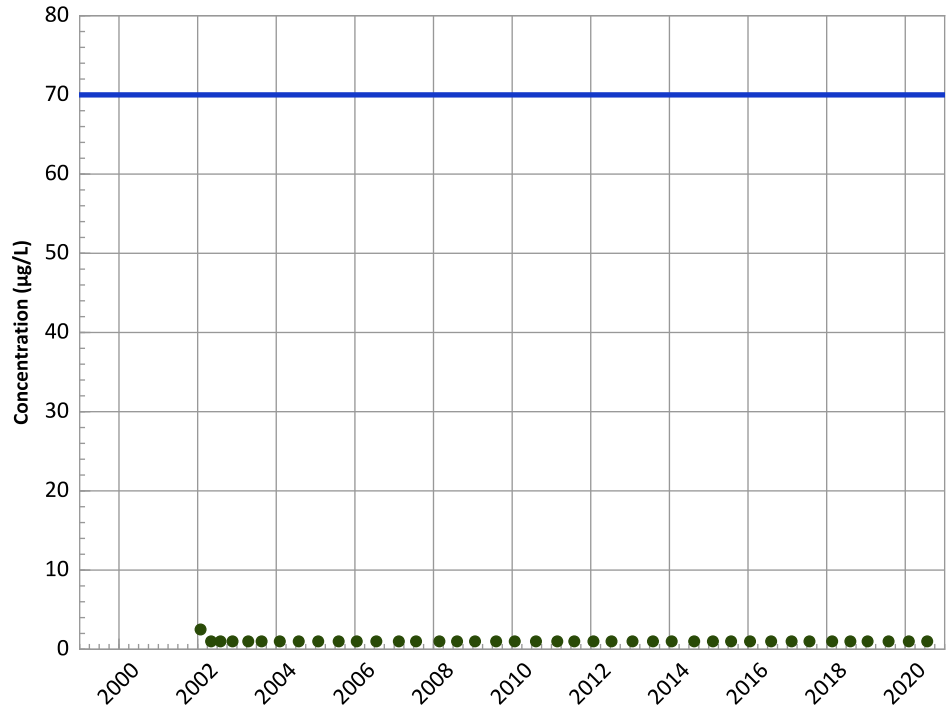
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

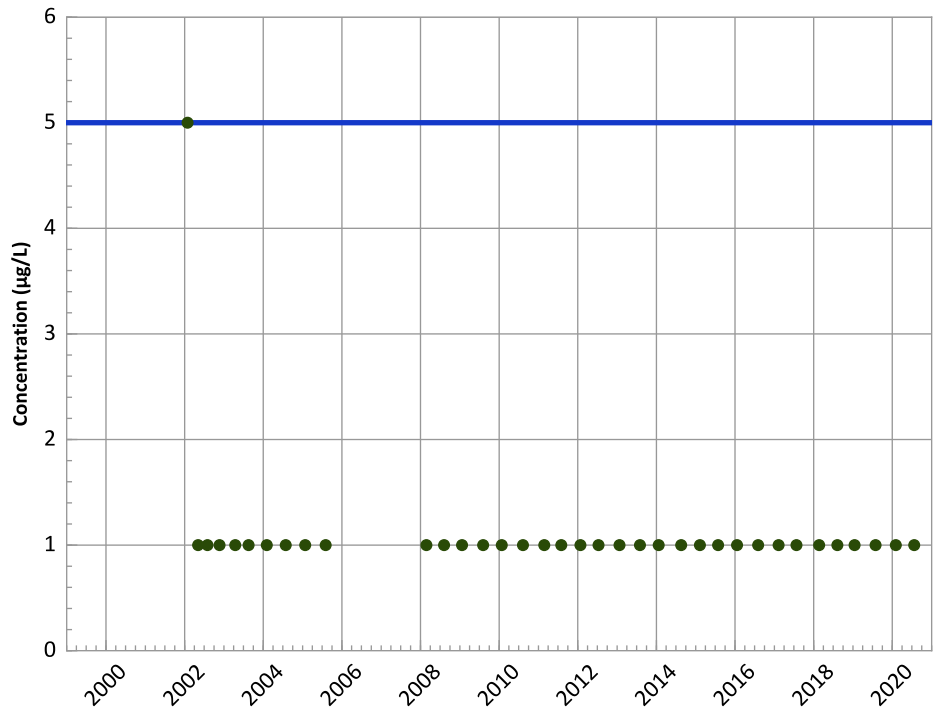
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

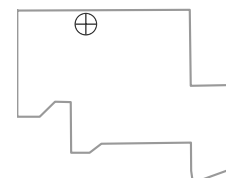
All Data:

All Non-Detect

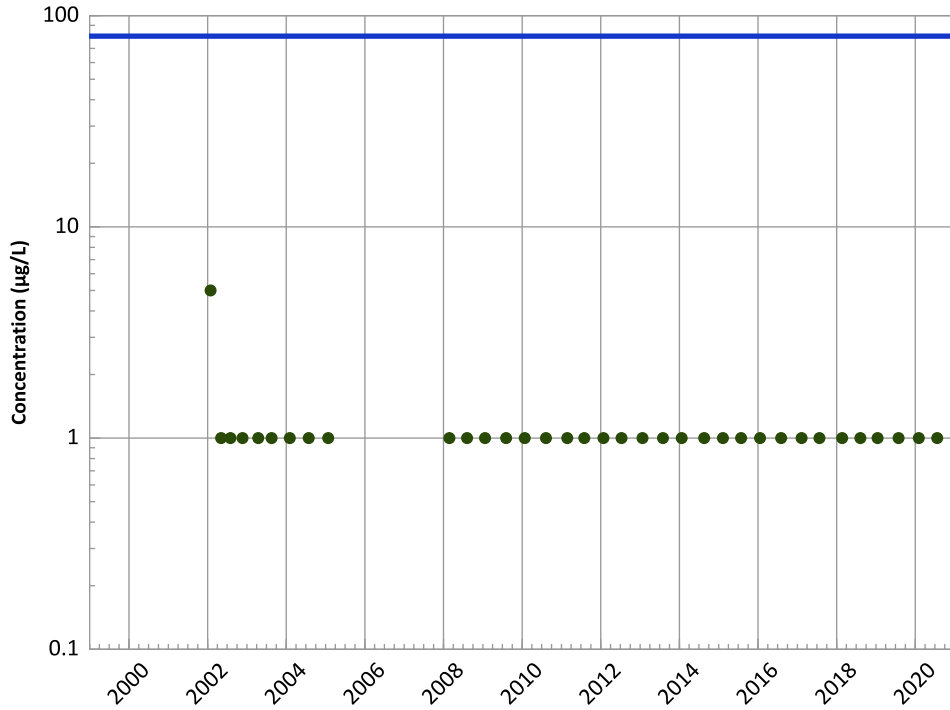
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

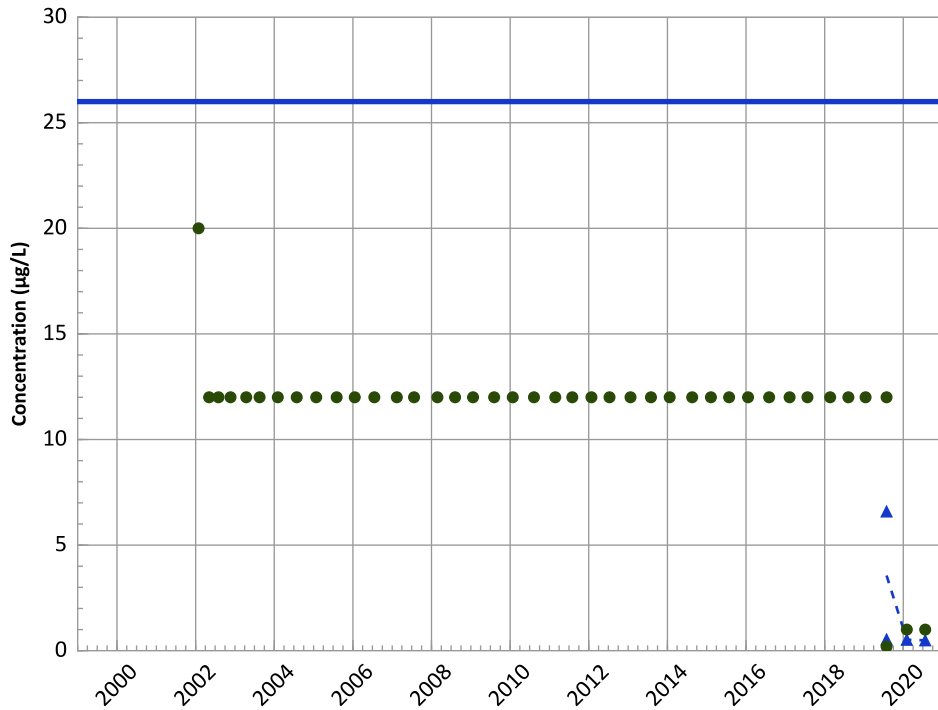


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

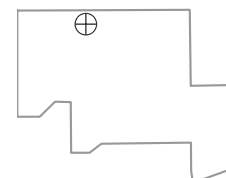


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

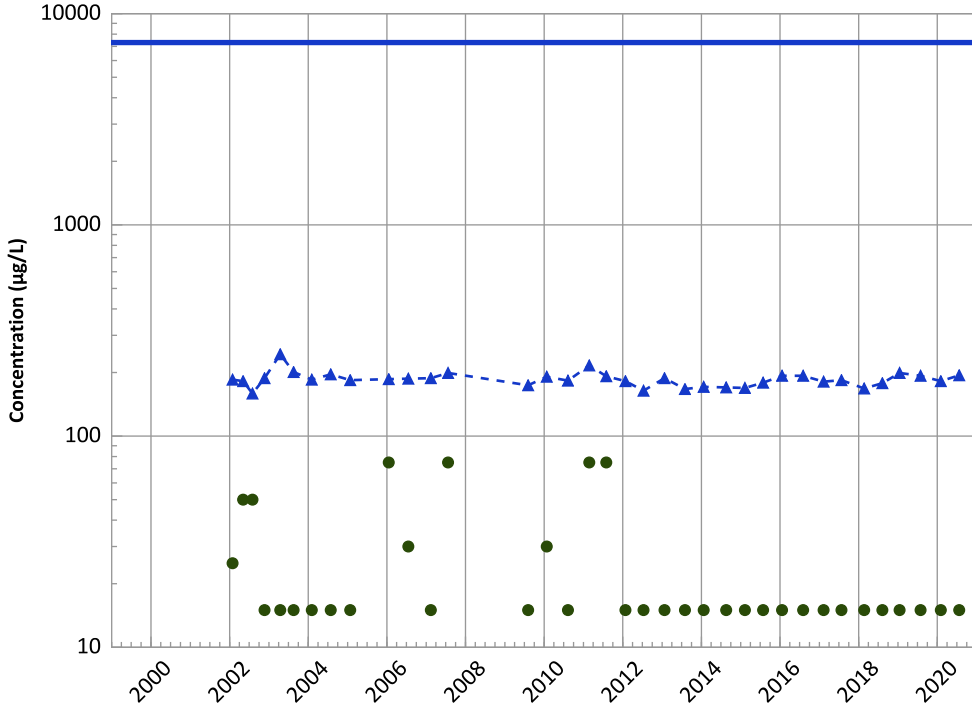


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

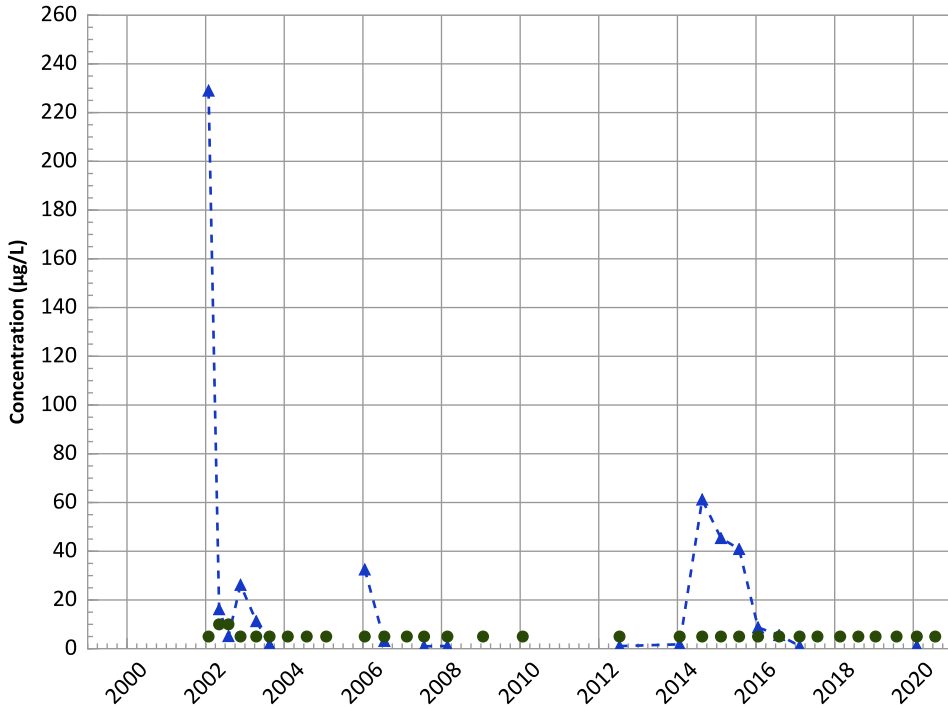
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

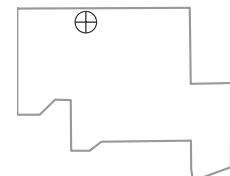
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

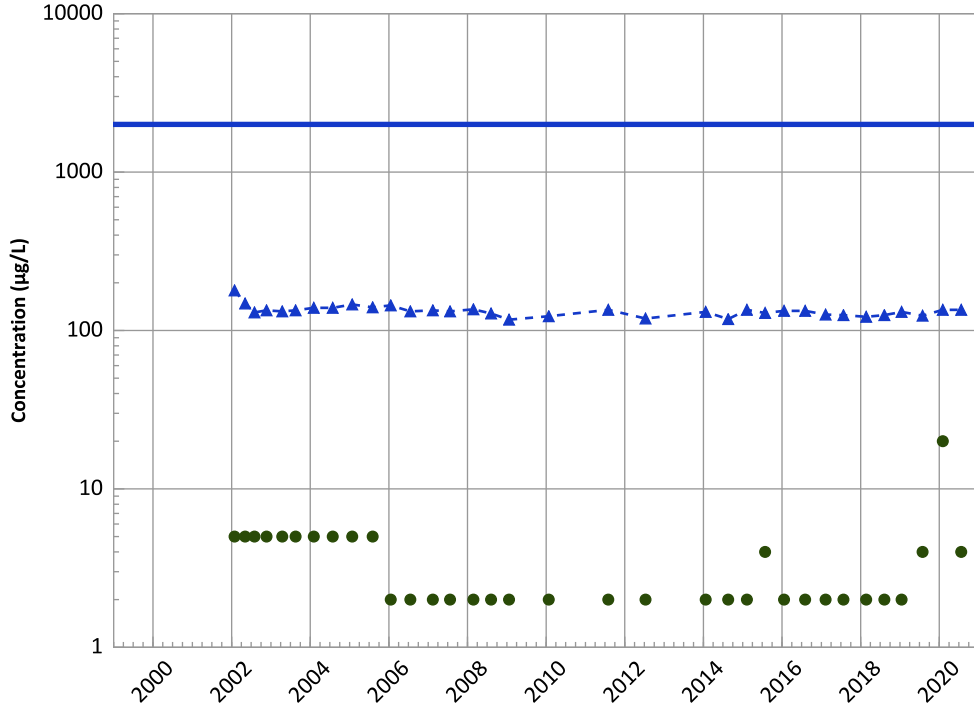
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

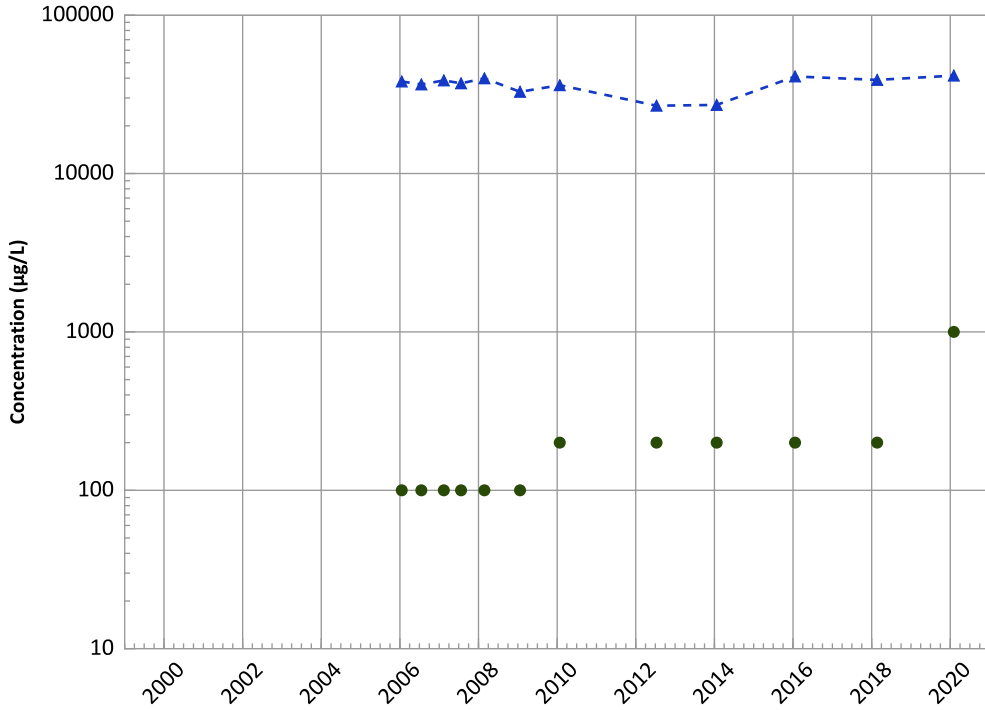
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

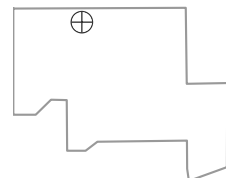
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

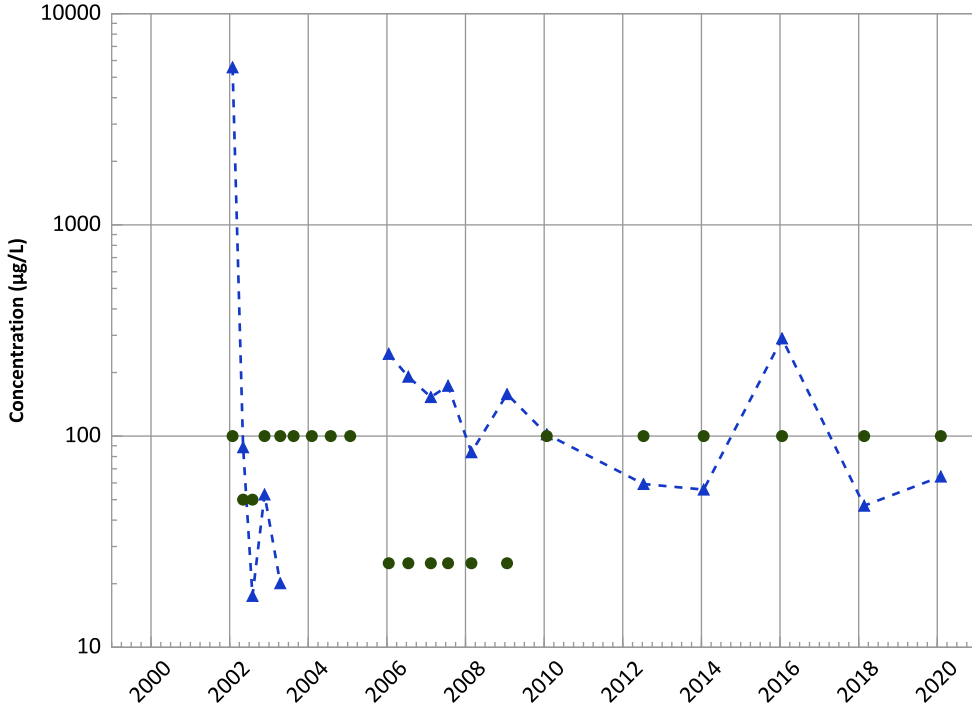


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

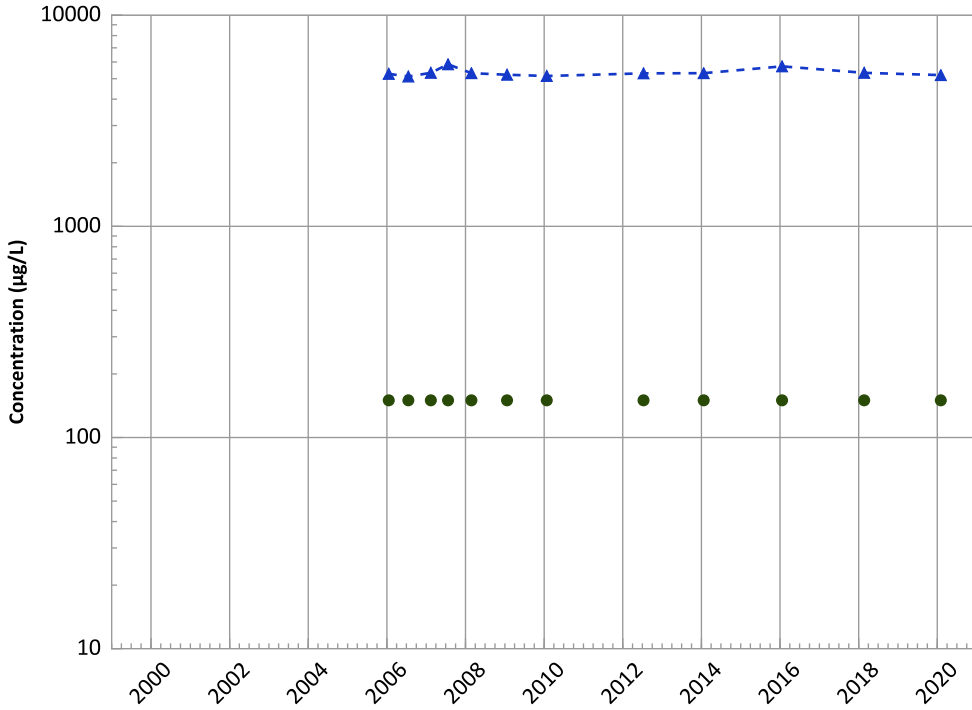
2018 - 2020 Data:

No Trend

All Data:

No Trend

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

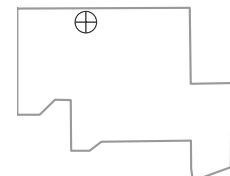
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

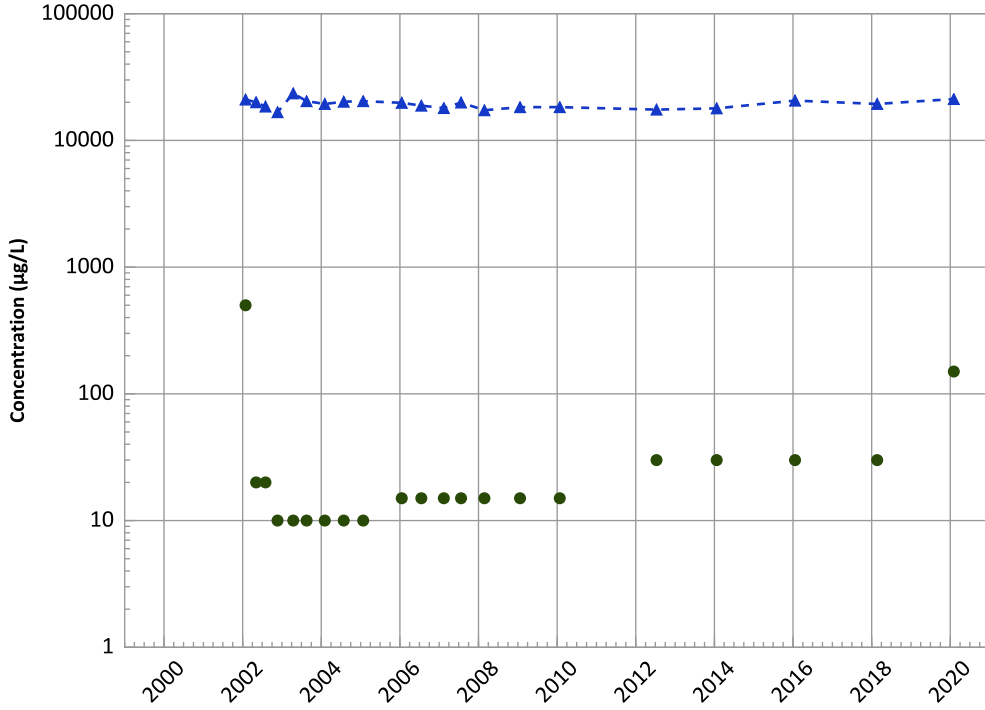


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

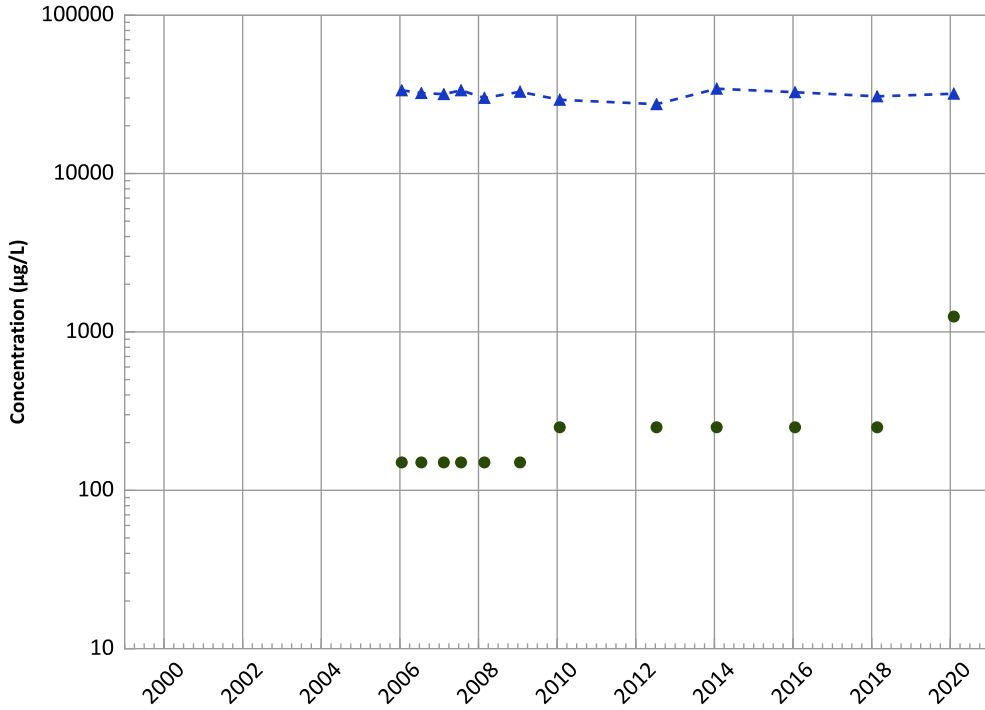
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

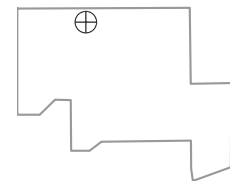
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

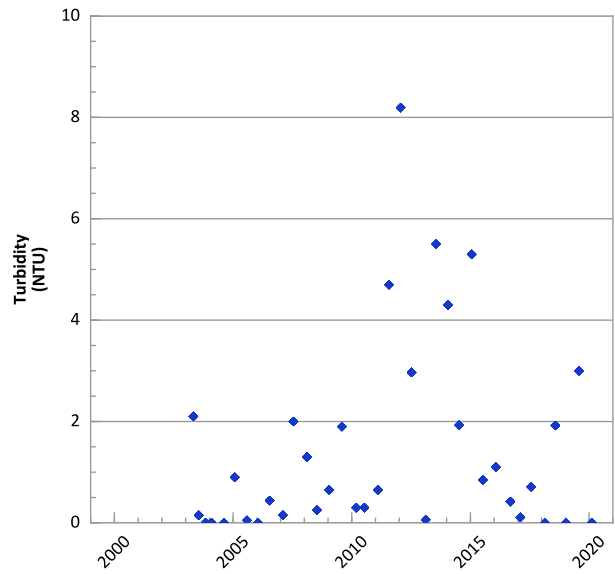
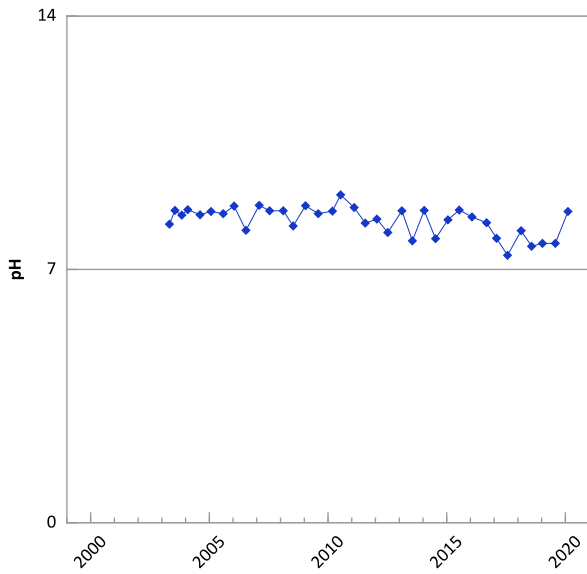
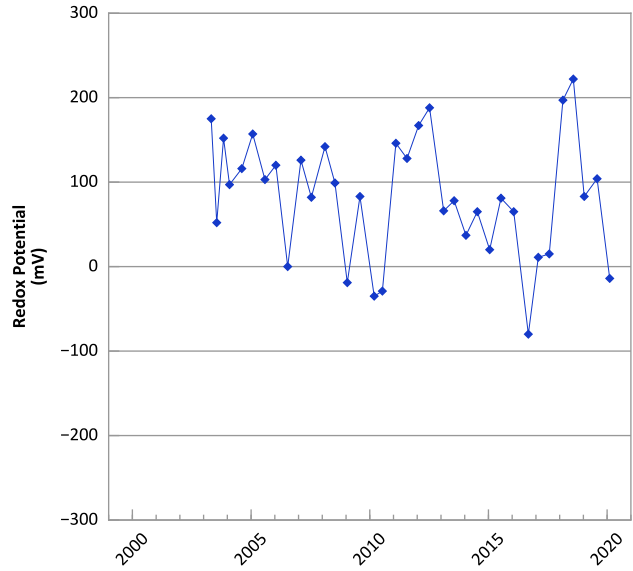
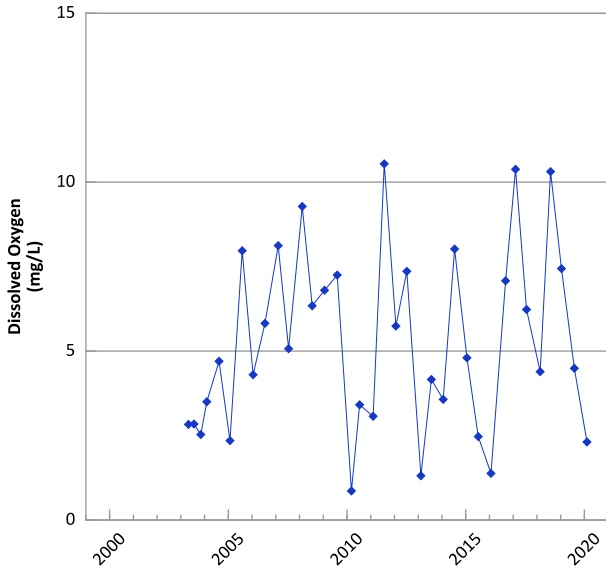
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 01/28/2002 to 07/23/2020
Analysis Date: 06/03/2021

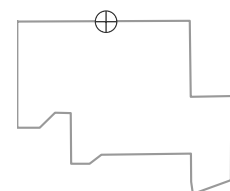
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



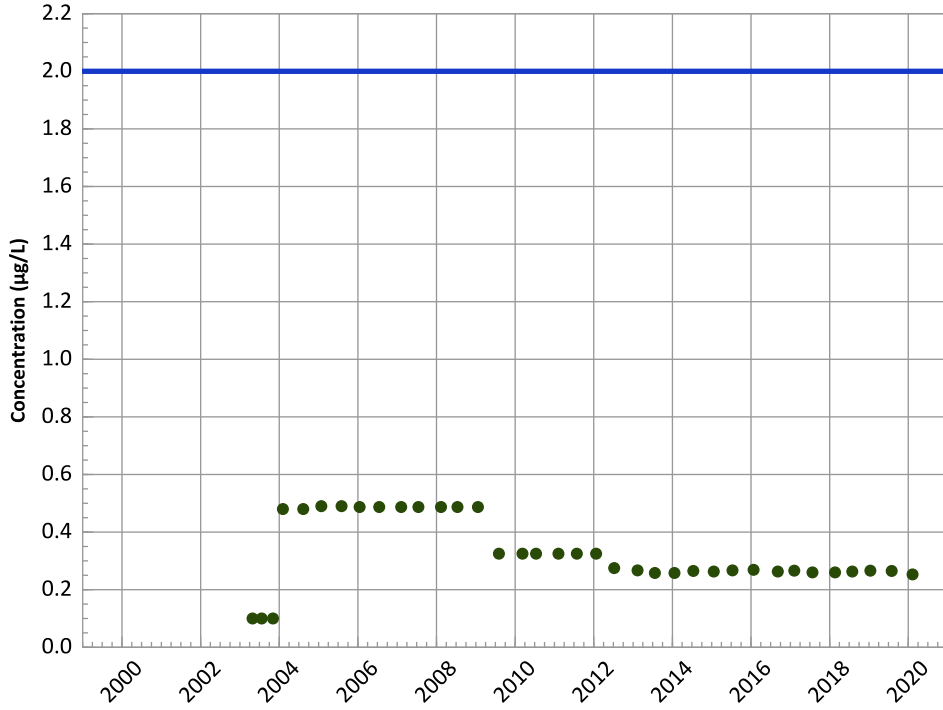
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/01/2000 to 02/10/2020
 Analysis Date: 06/03/2021

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

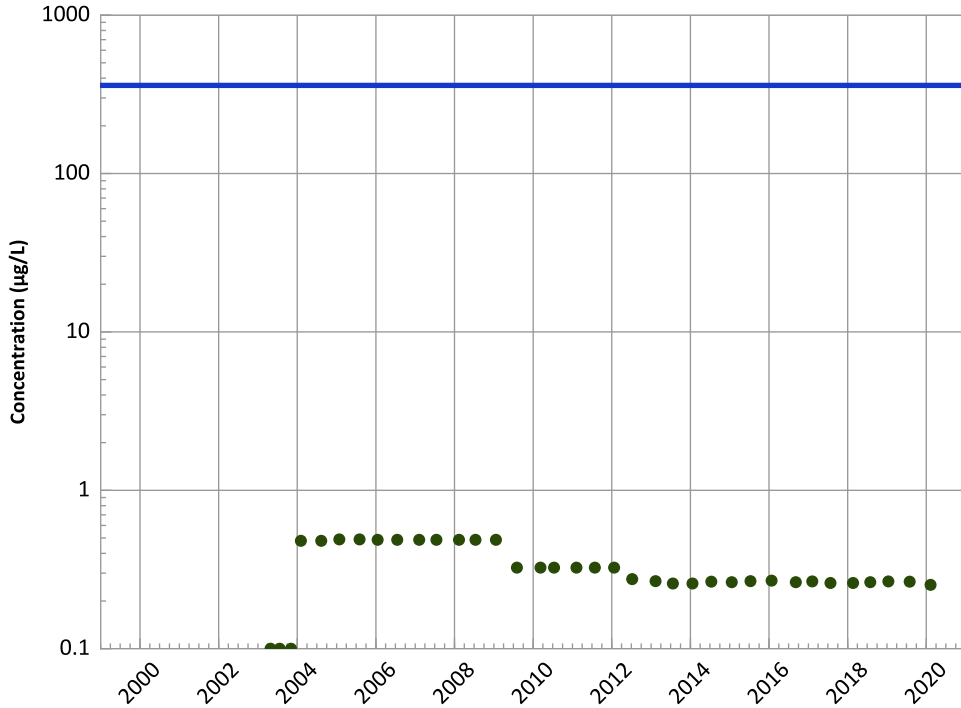
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

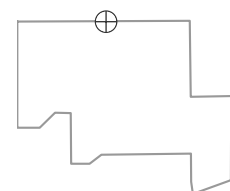
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

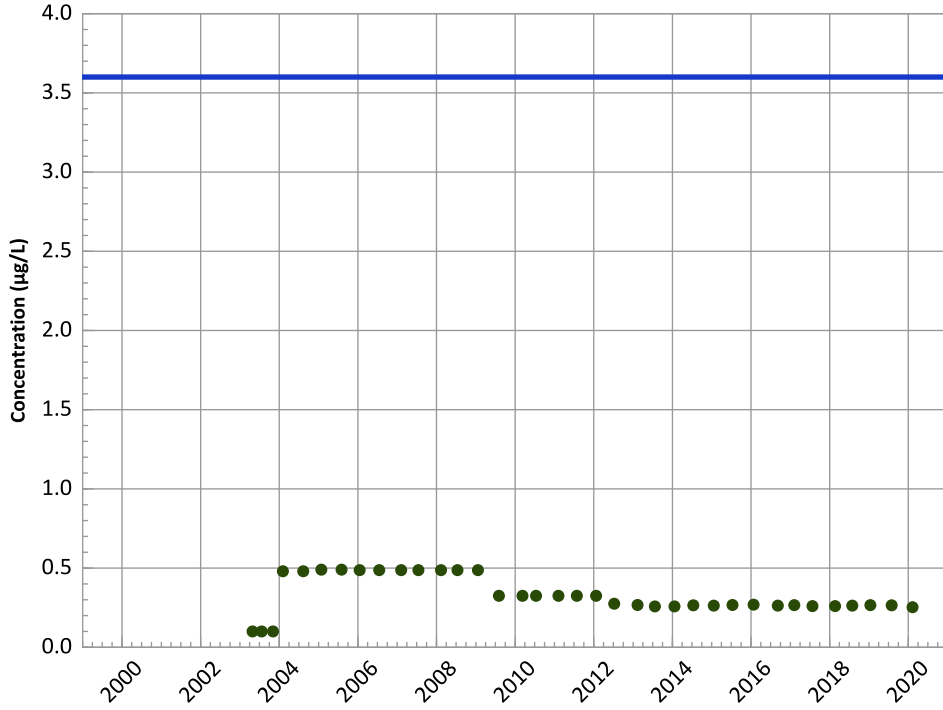
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

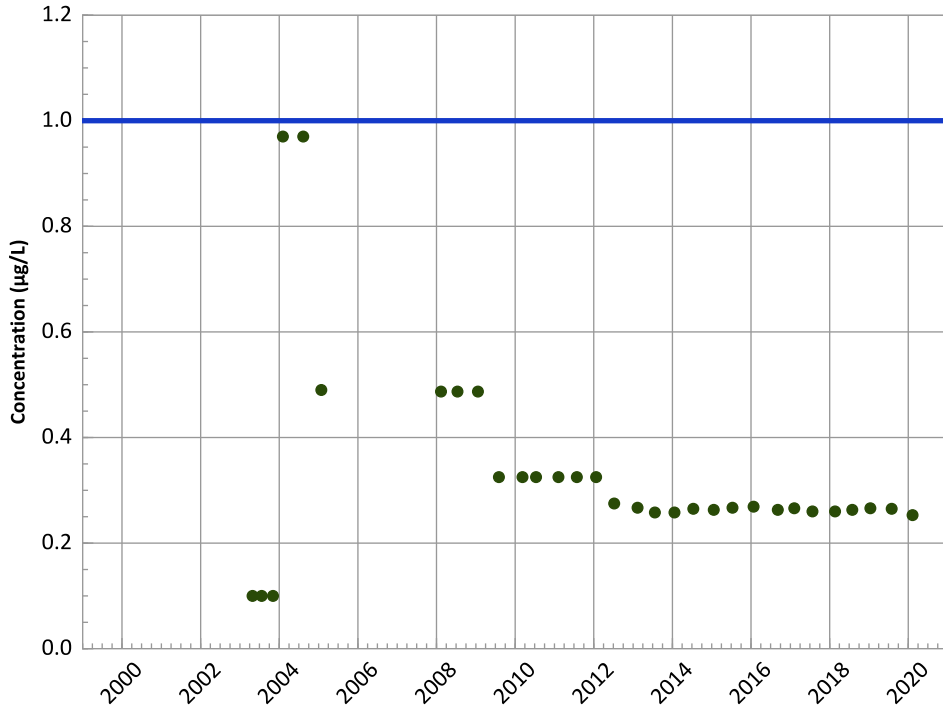
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

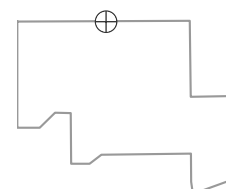
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

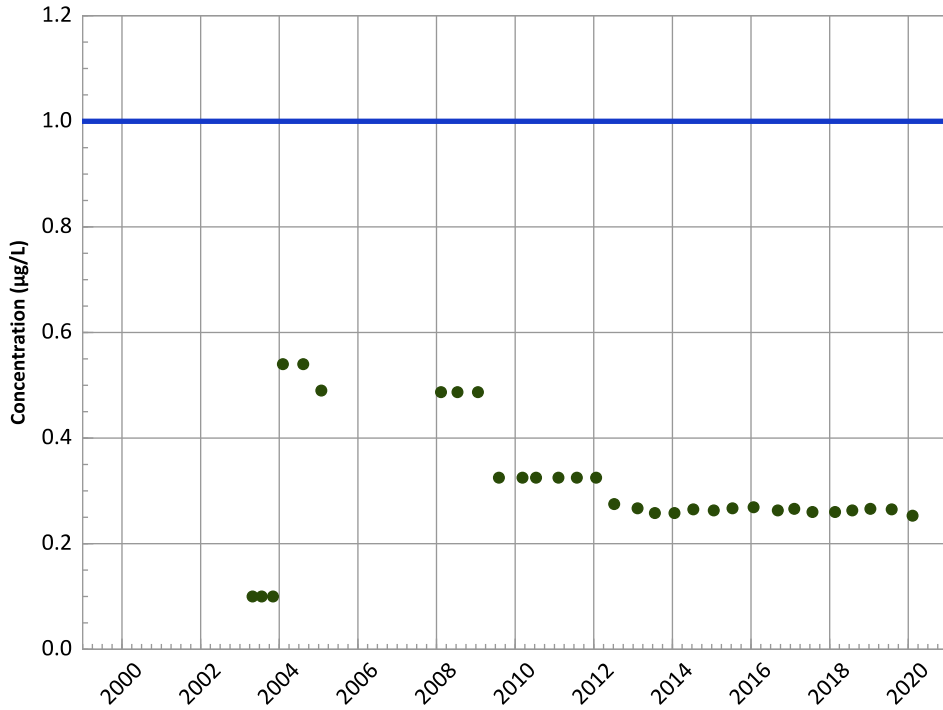
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

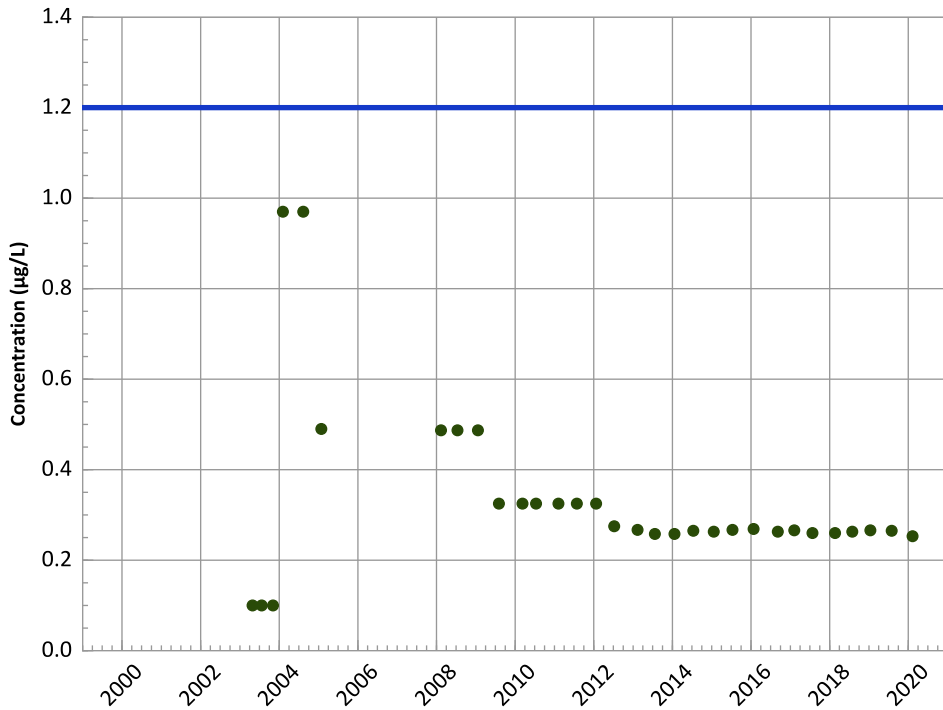
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

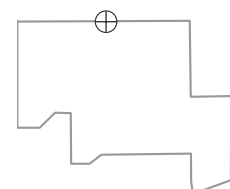
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

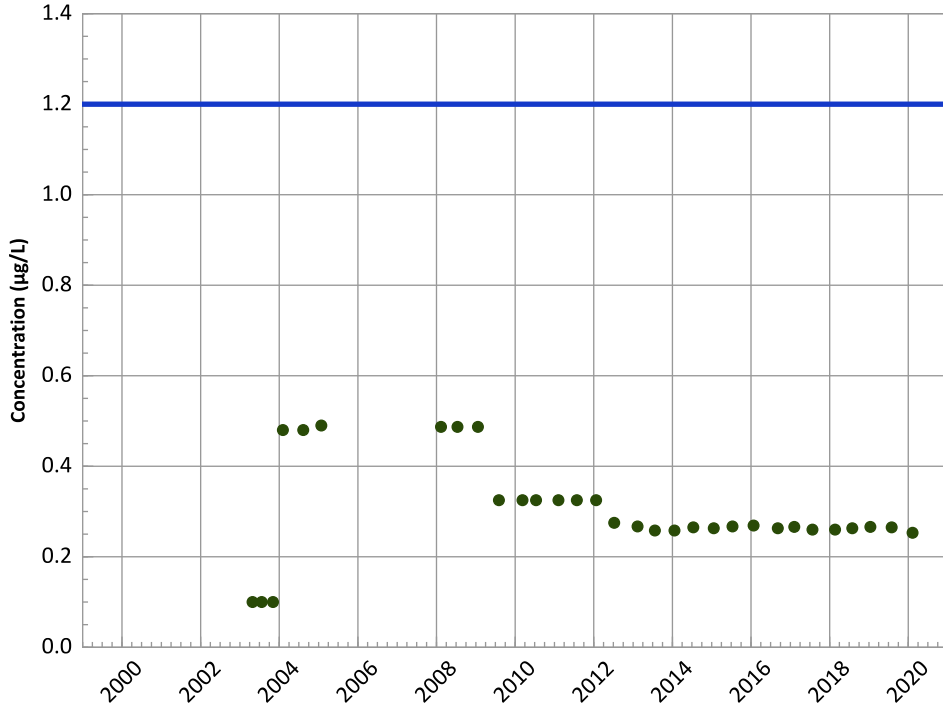


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

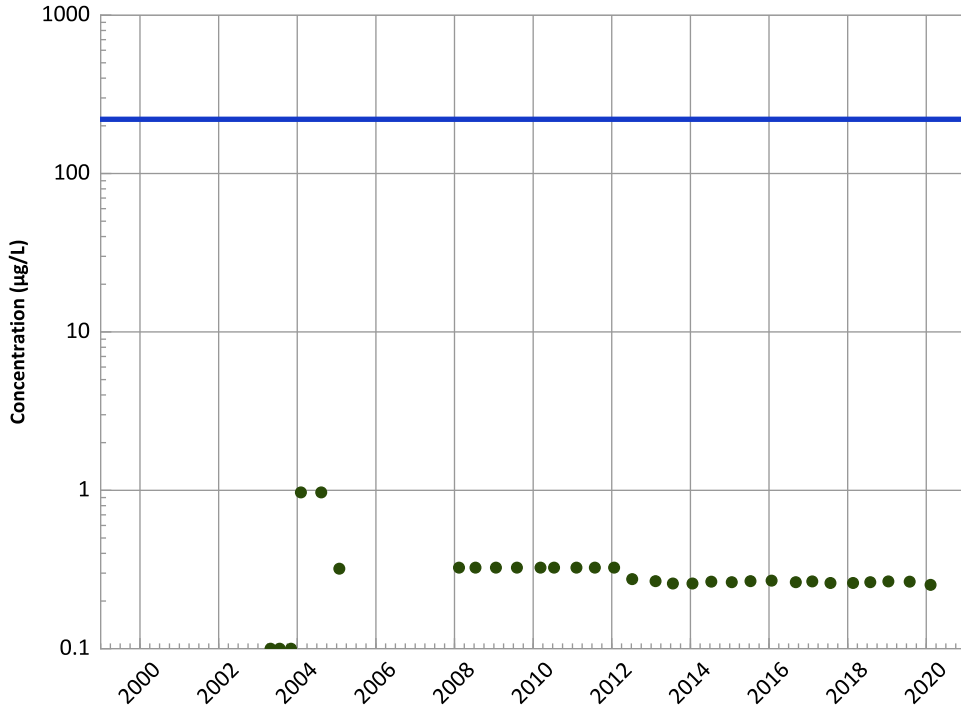
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

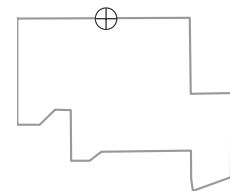
All Data:

All Non-Detect

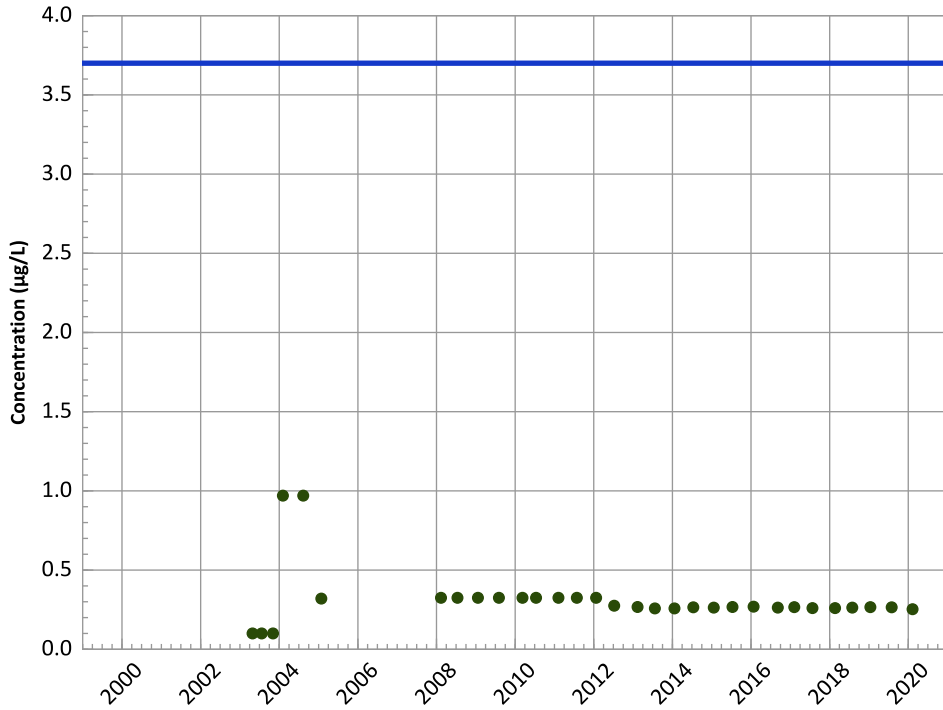
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

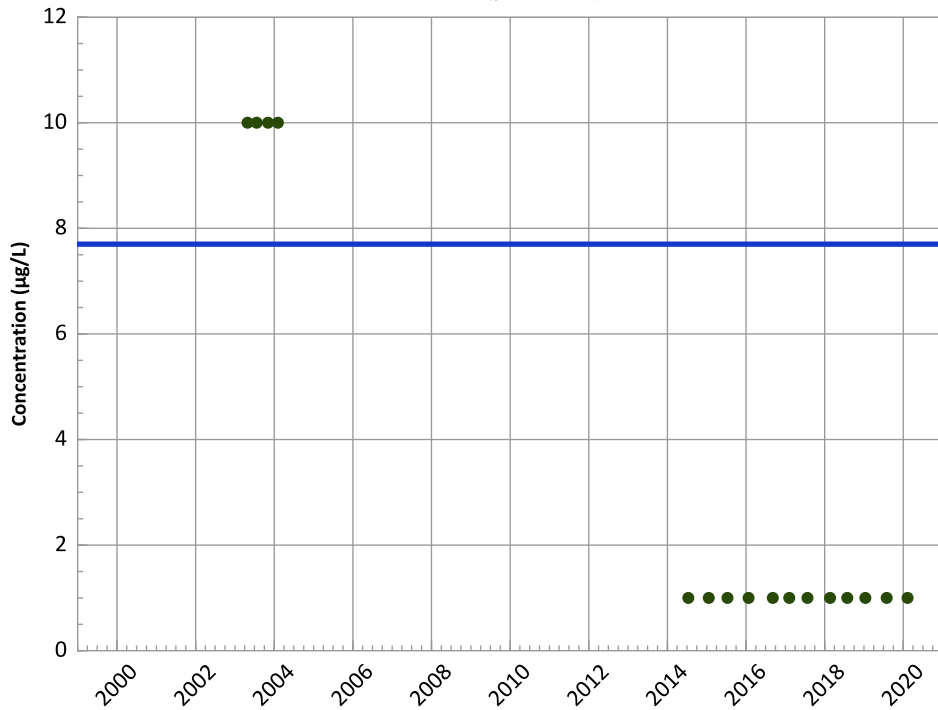


**PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
1,3-Dinitrobenzene Trend**



Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect
MAROS Linear Regression Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

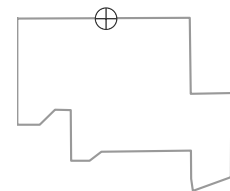


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect
MAROS Linear Regression Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect

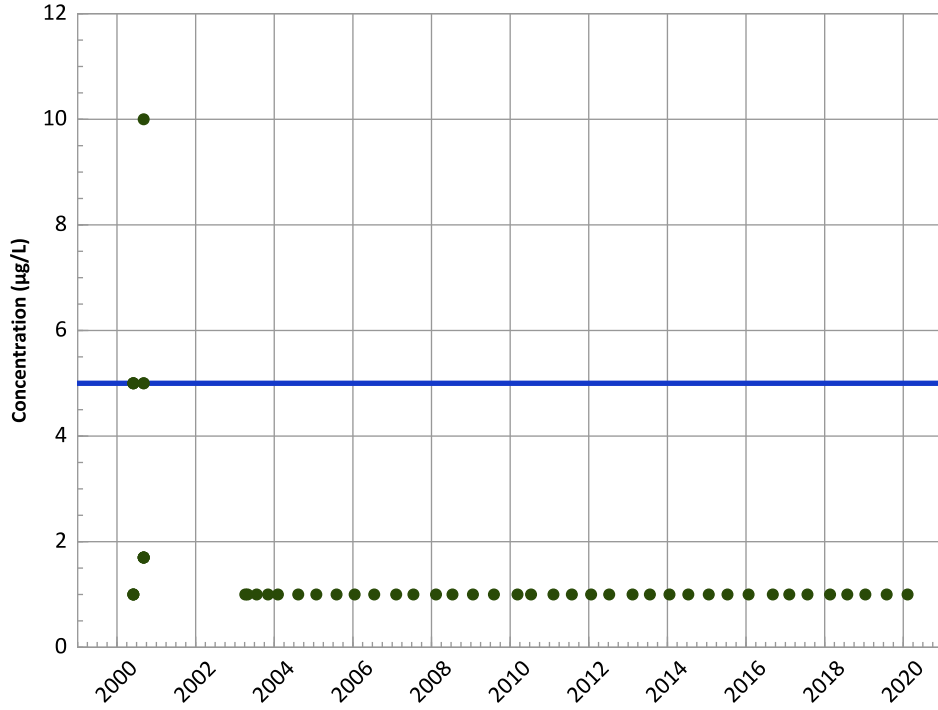
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/01/2000 to 02/10/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

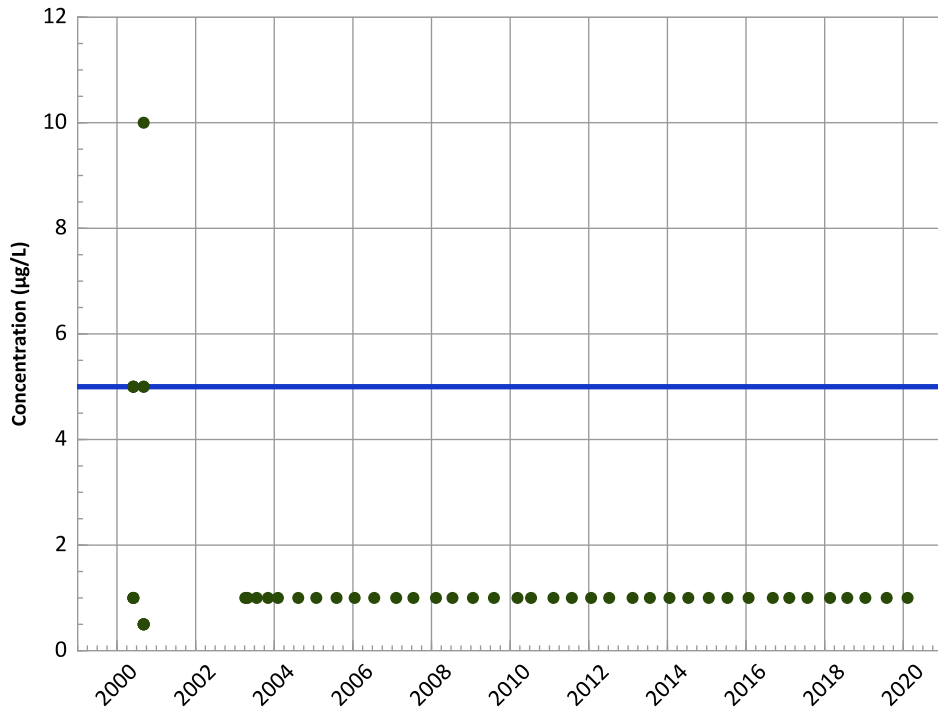
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

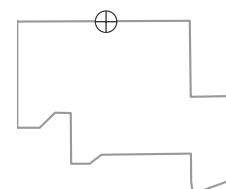
All Data:

All Non-Detect

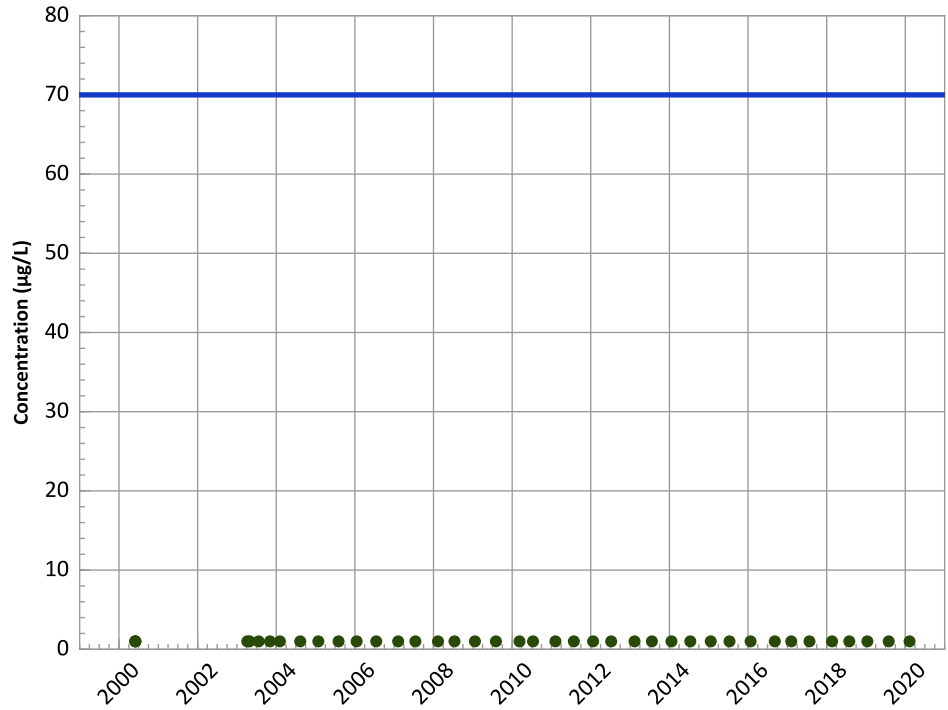
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

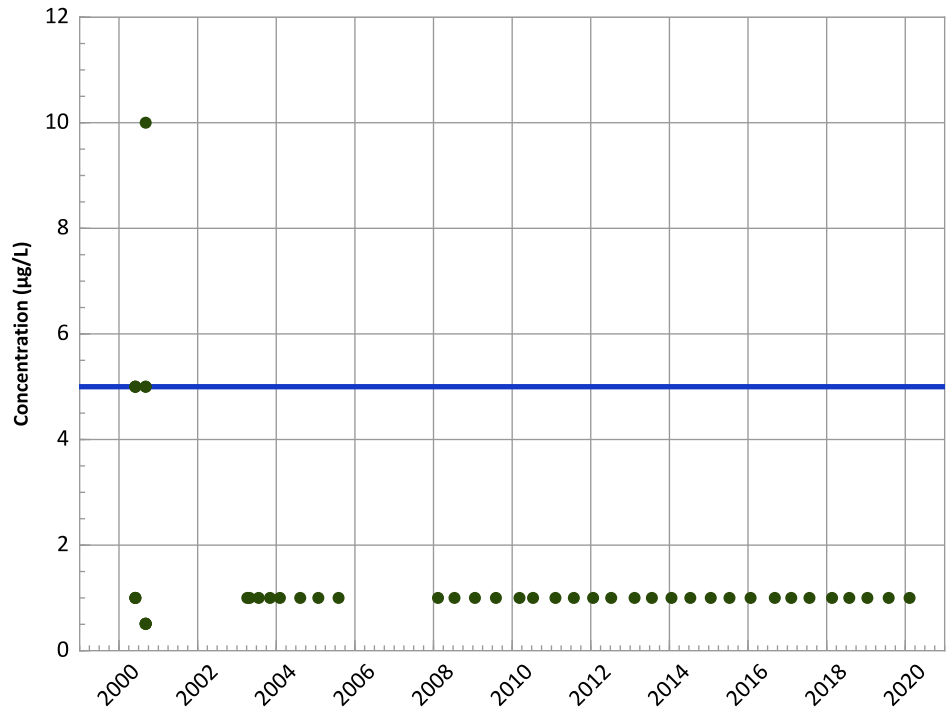
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

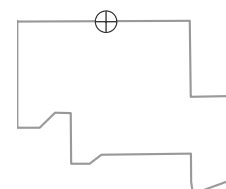
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

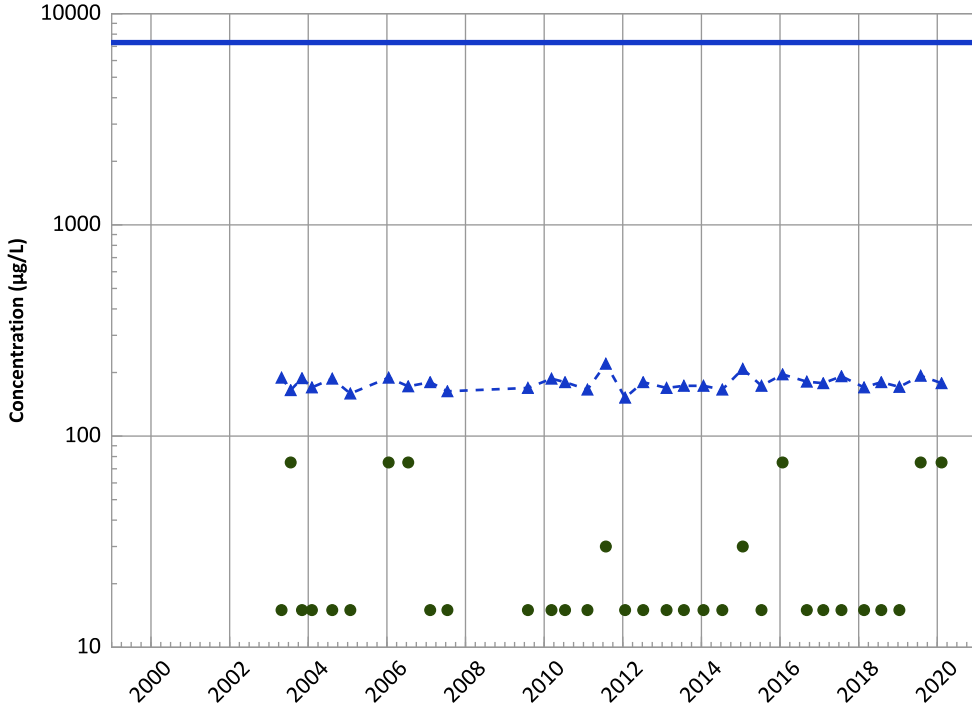
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

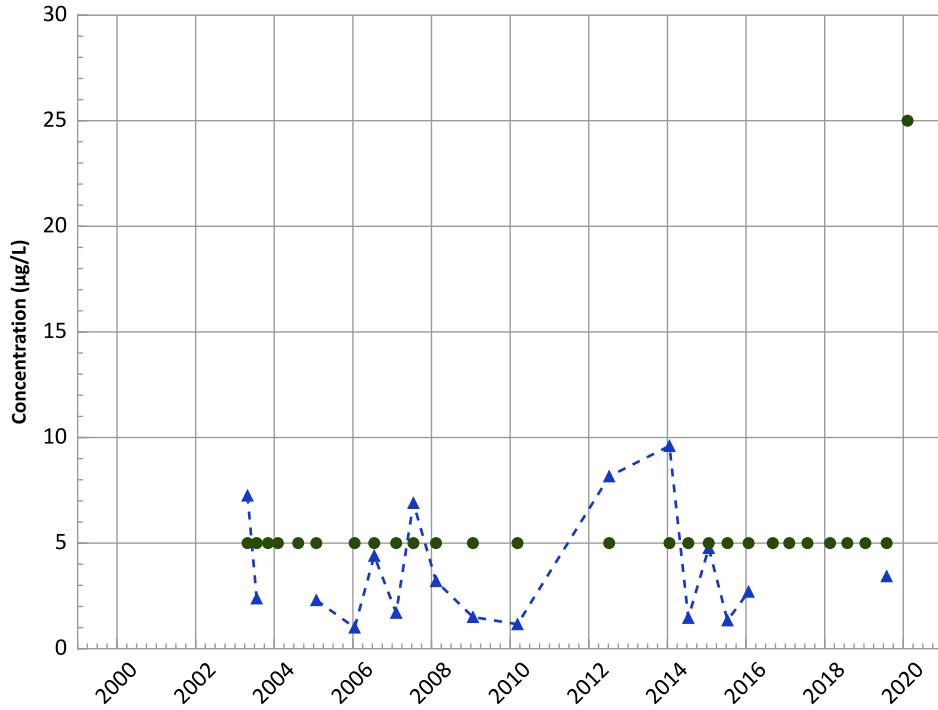
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

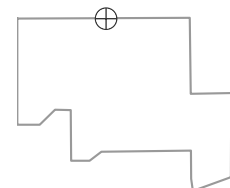
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

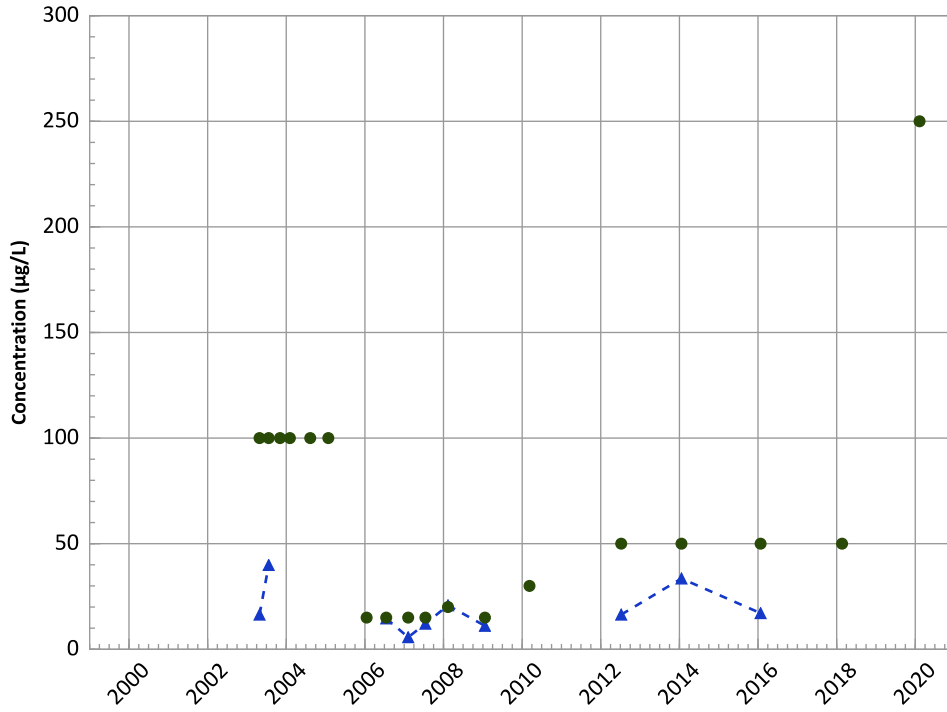
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

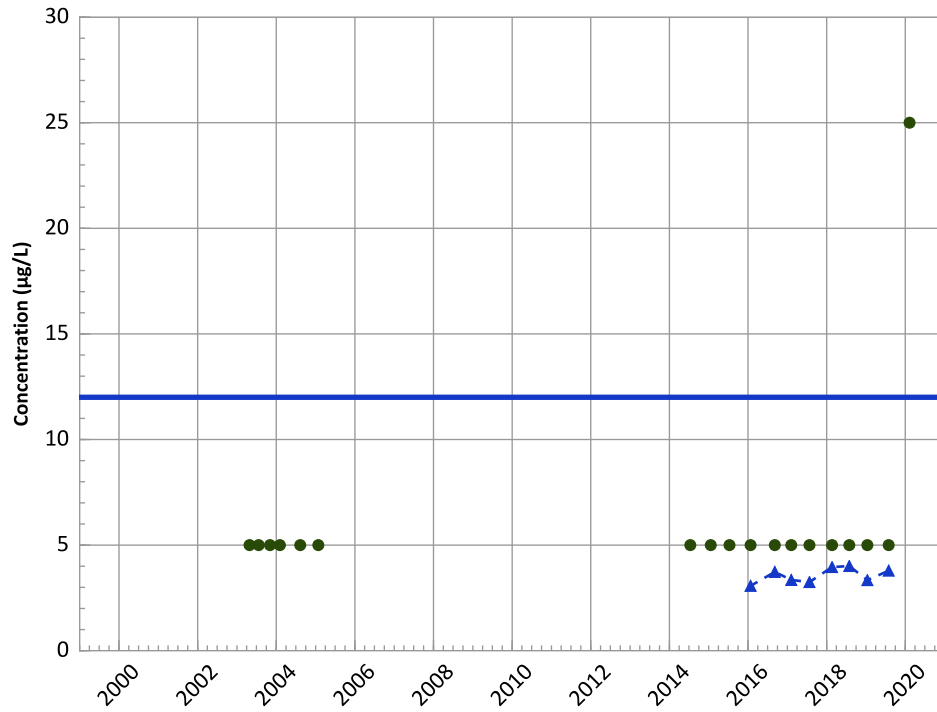


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Stable

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Arsenic Trend

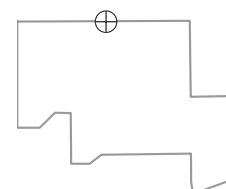


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Well Location

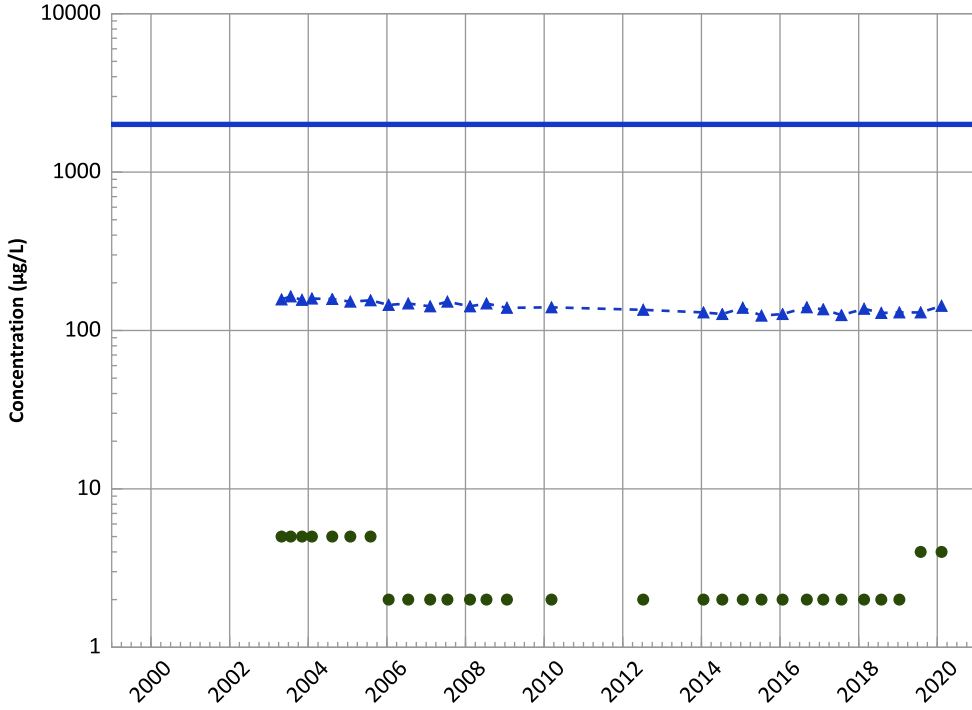


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

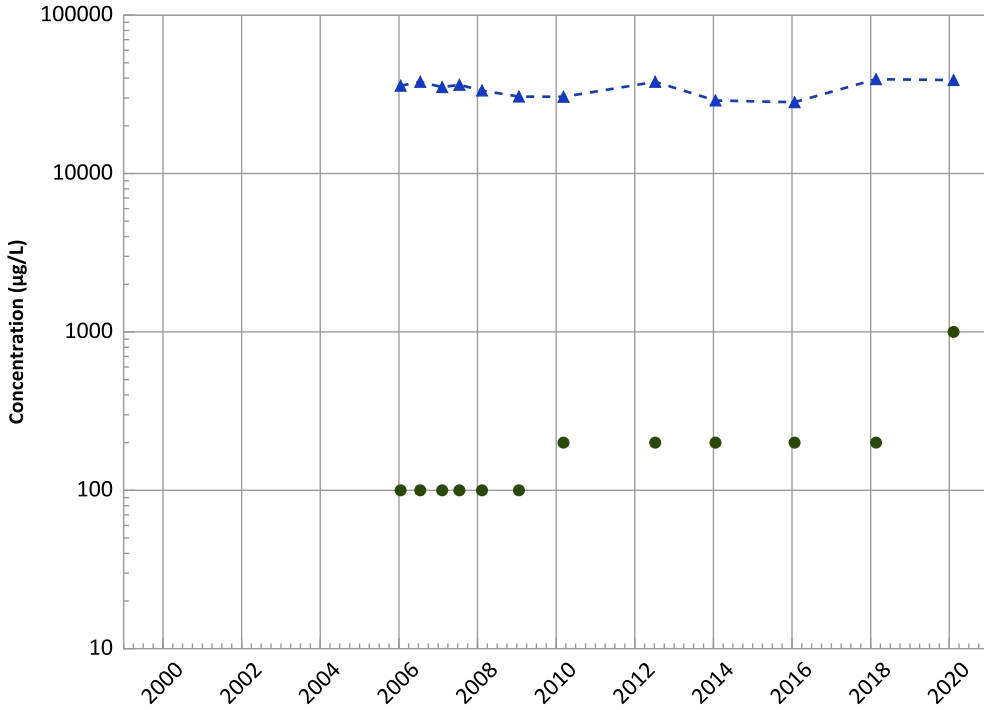
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

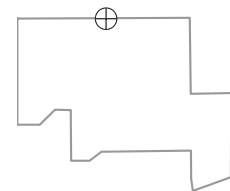
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Well Location

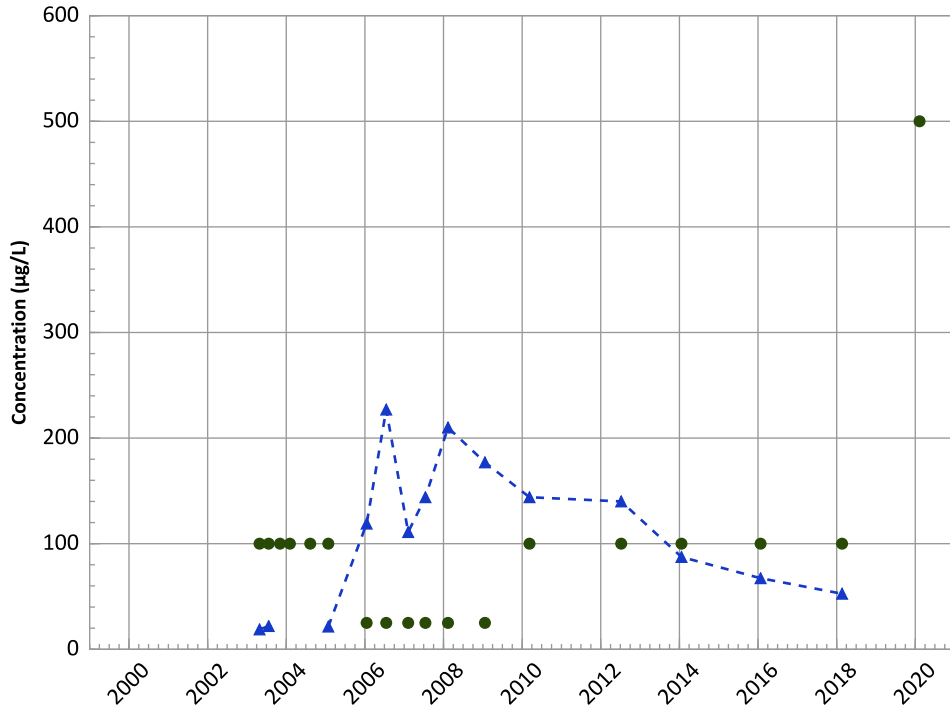


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

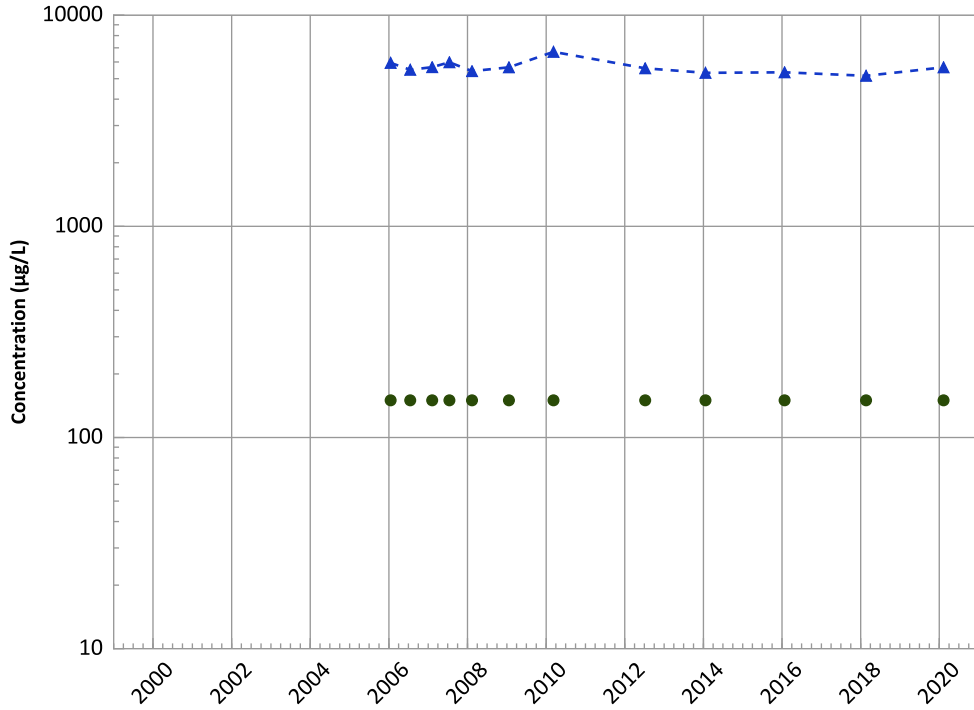


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

Potassium Trend



Concentration Trend

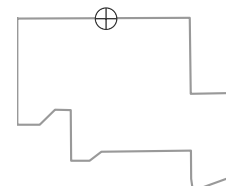
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

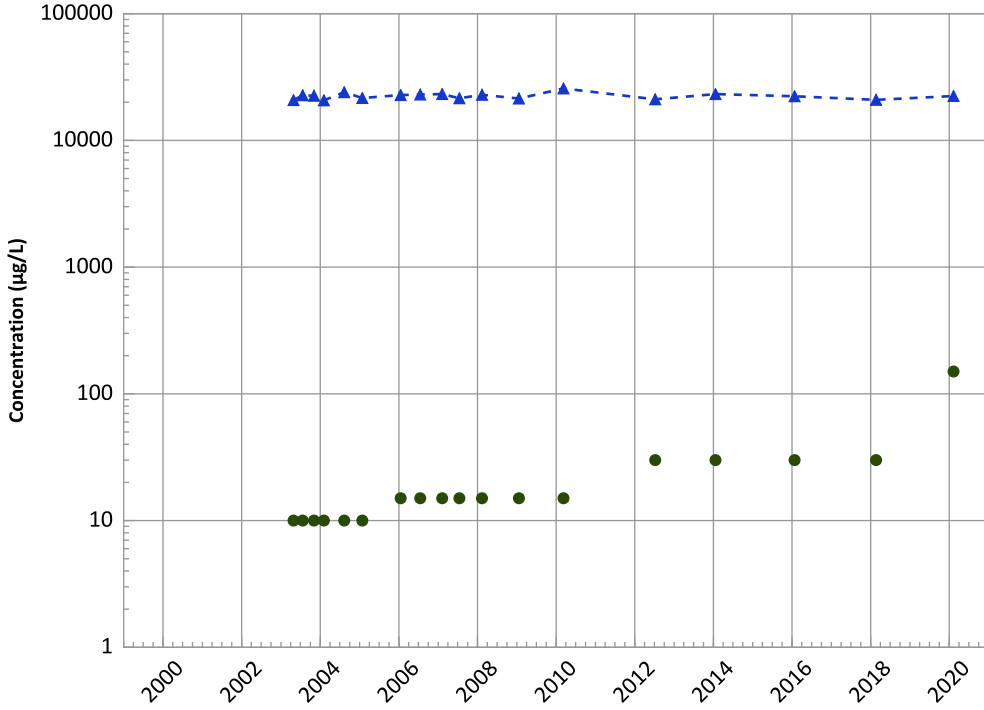
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

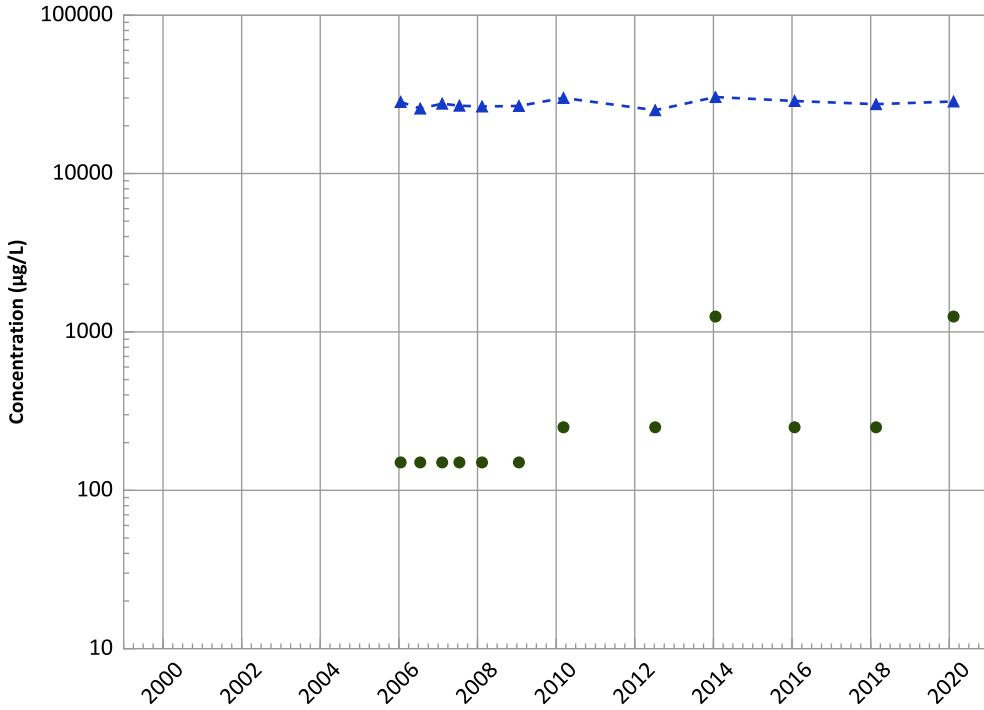
2018 - 2020 Data:

Stable

All Data:

Decreasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

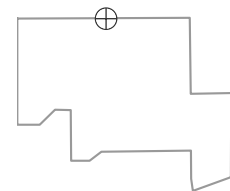
2018 - 2020 Data:

Stable

All Data:

No Trend

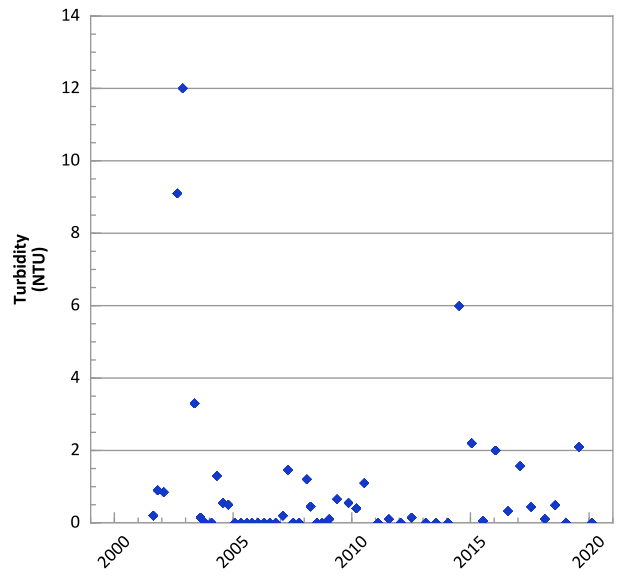
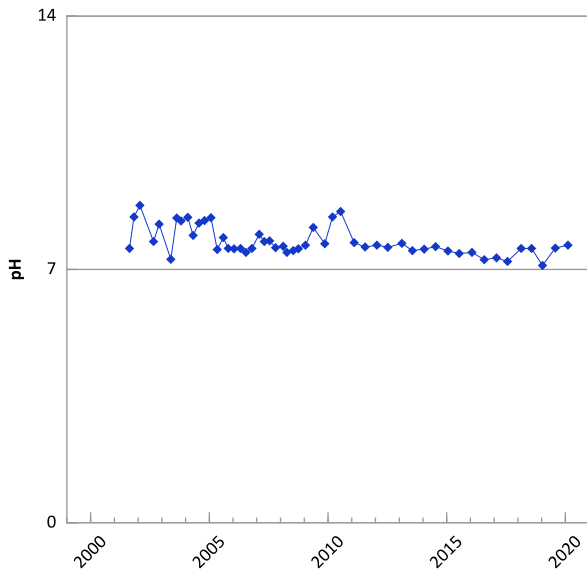
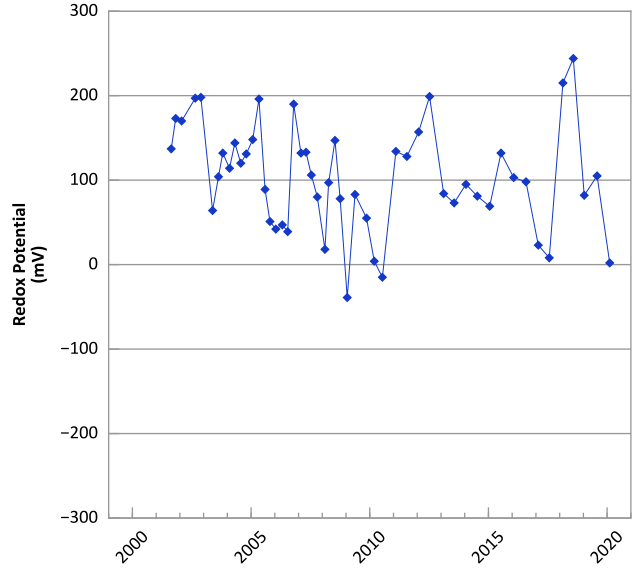
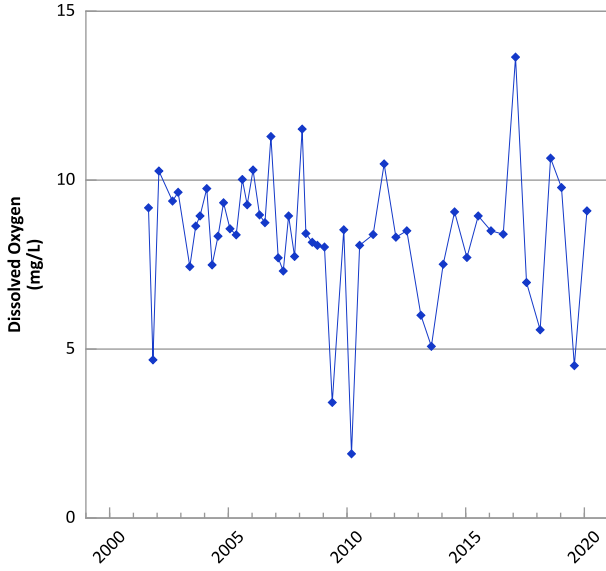
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

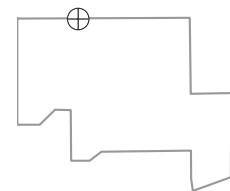
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



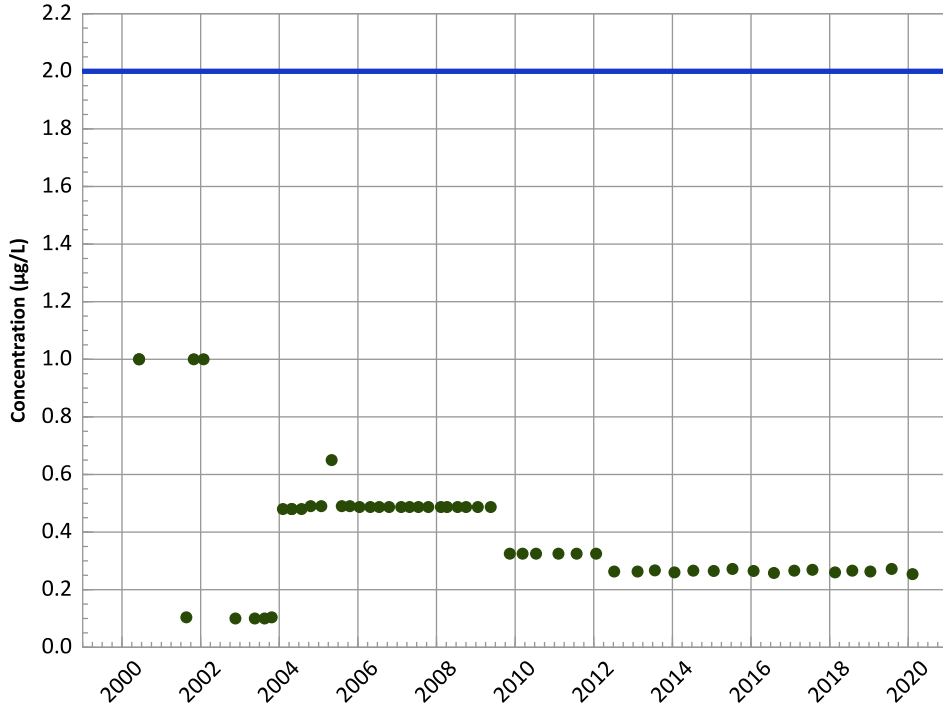
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

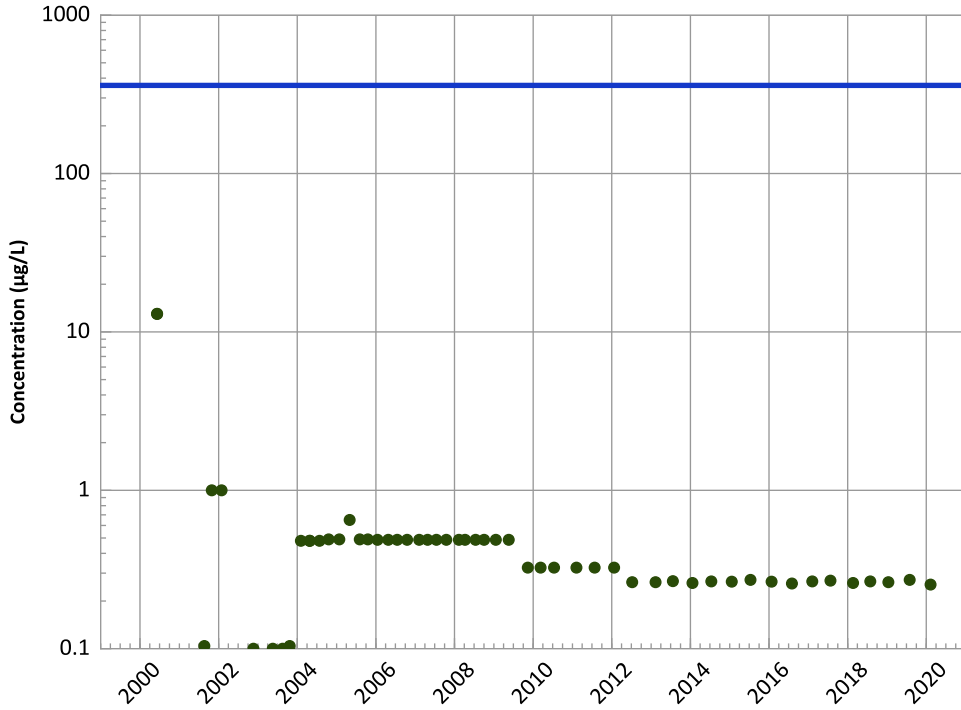
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

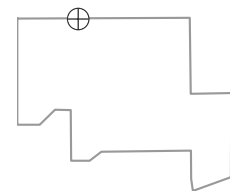
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

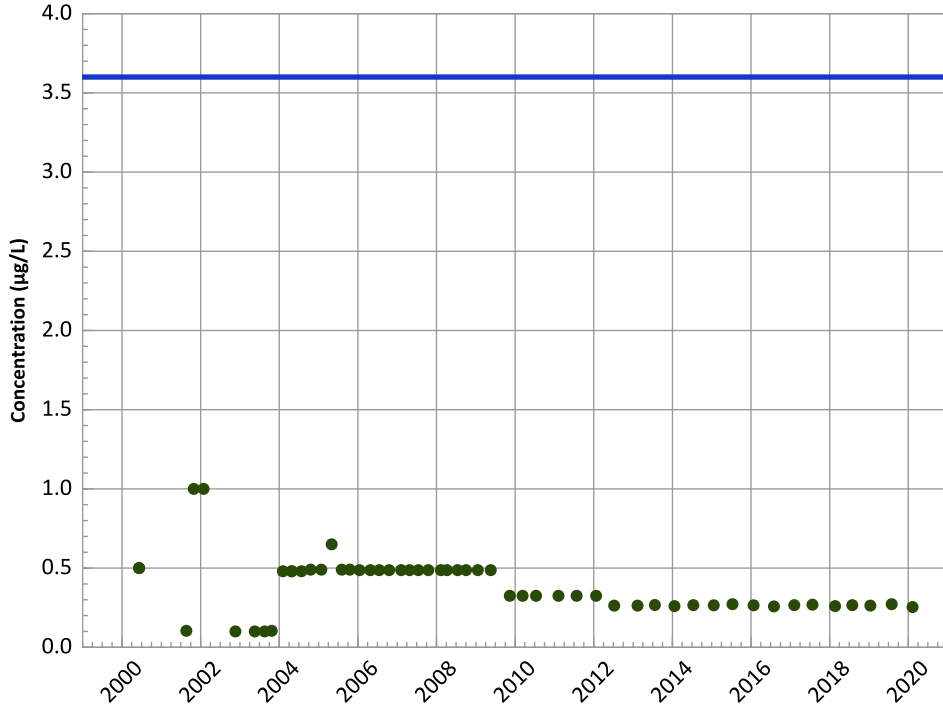
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

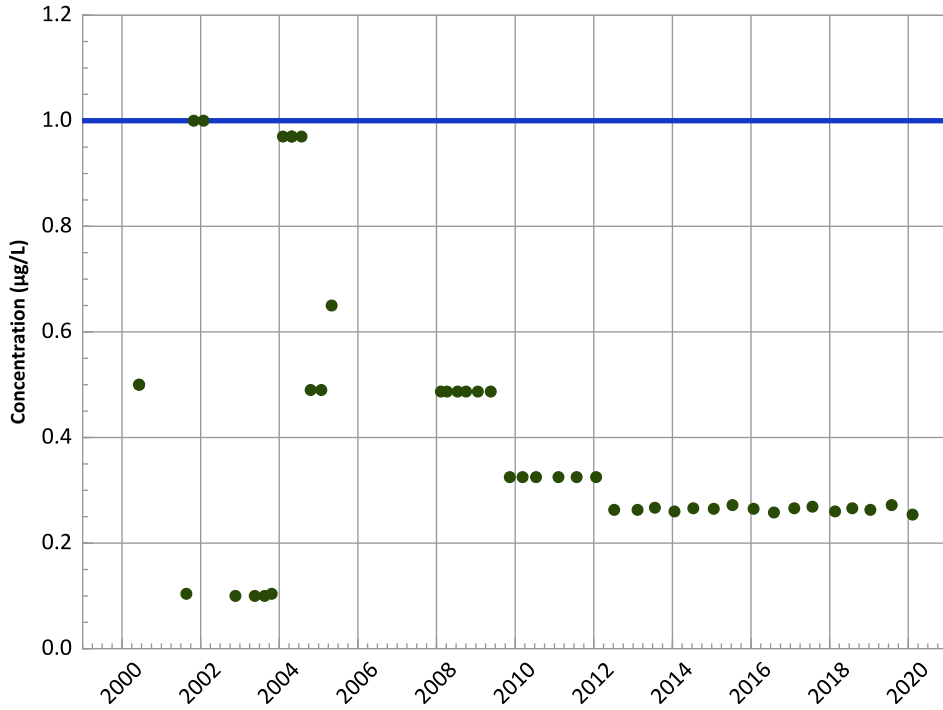
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

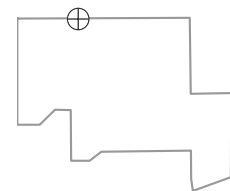
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

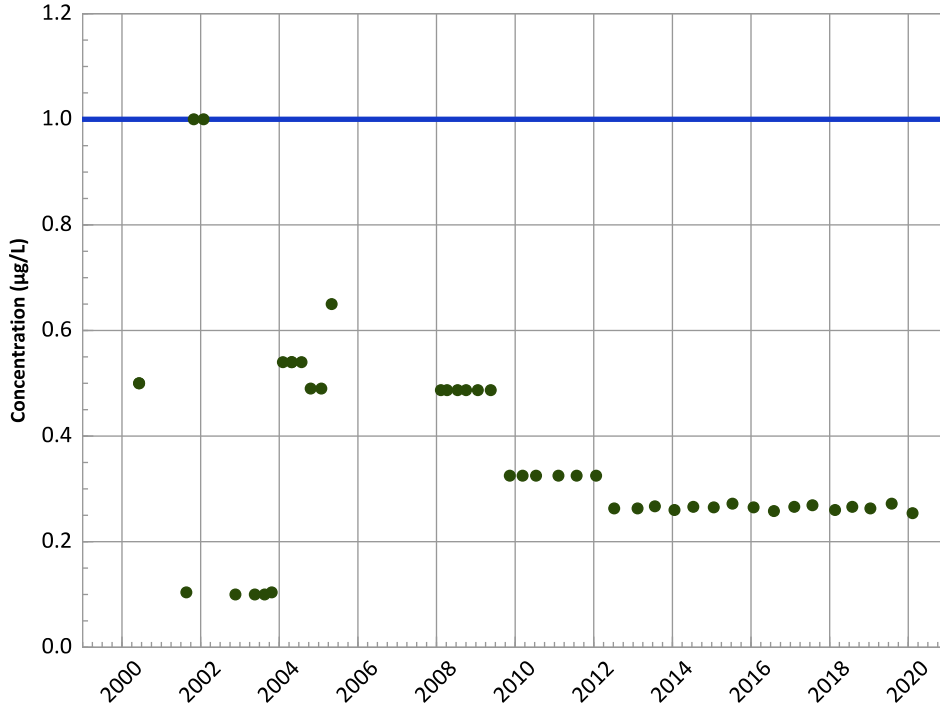
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

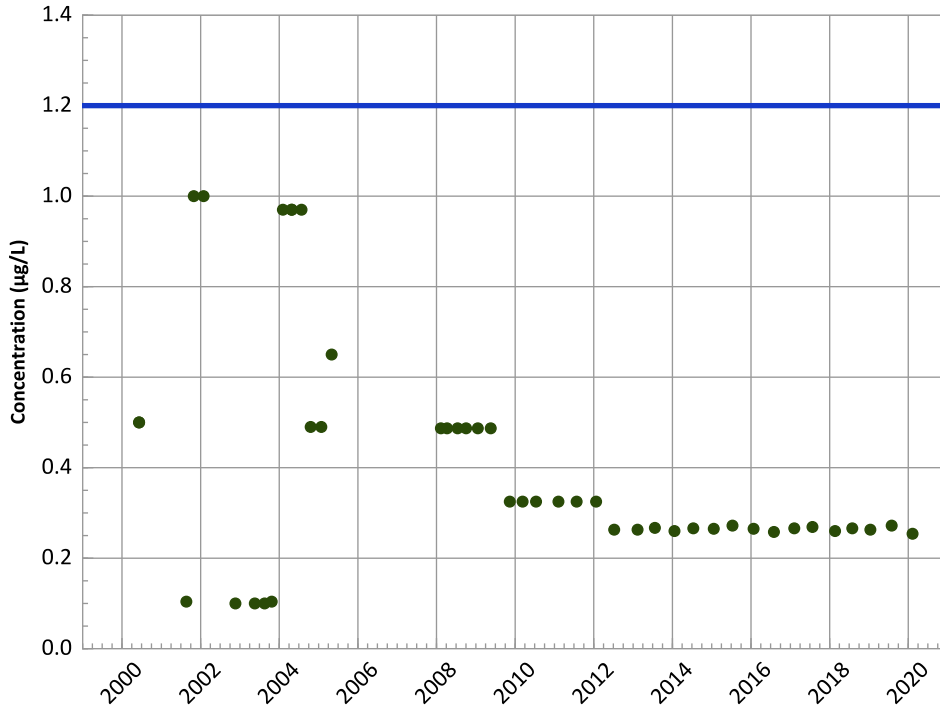
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

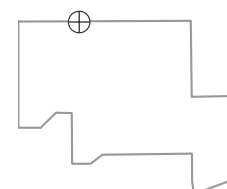
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

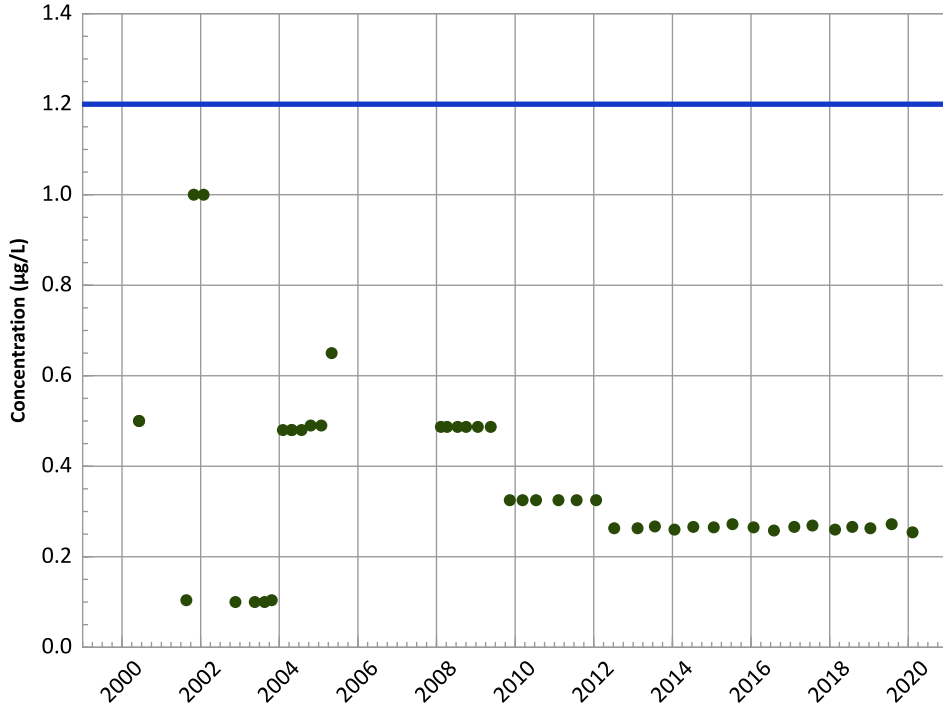
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

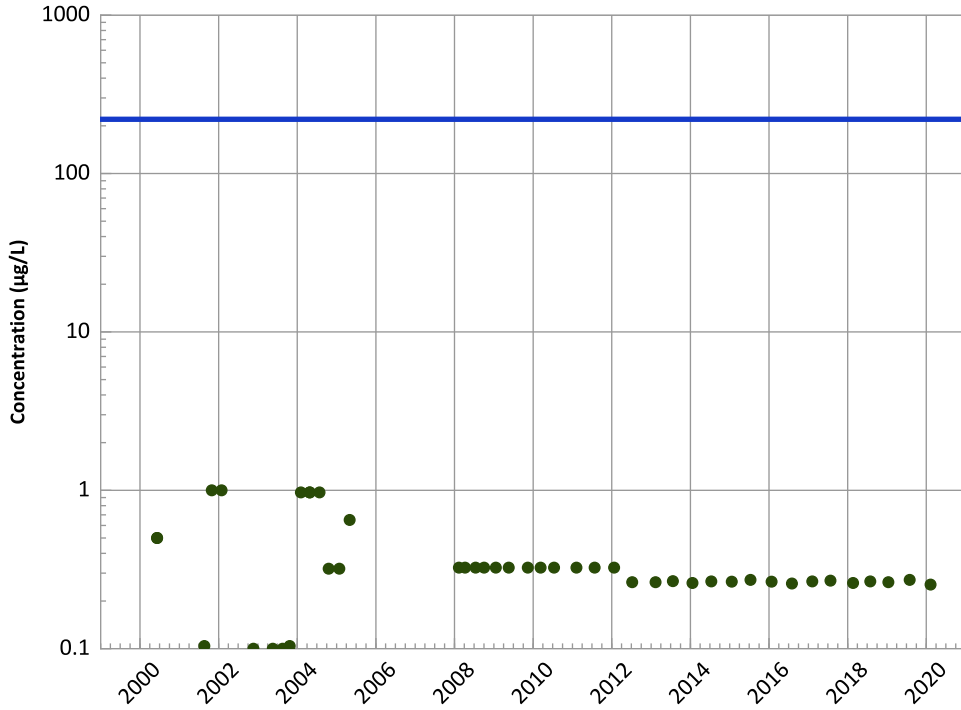
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

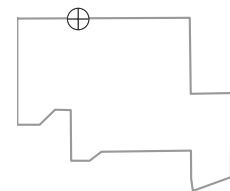
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

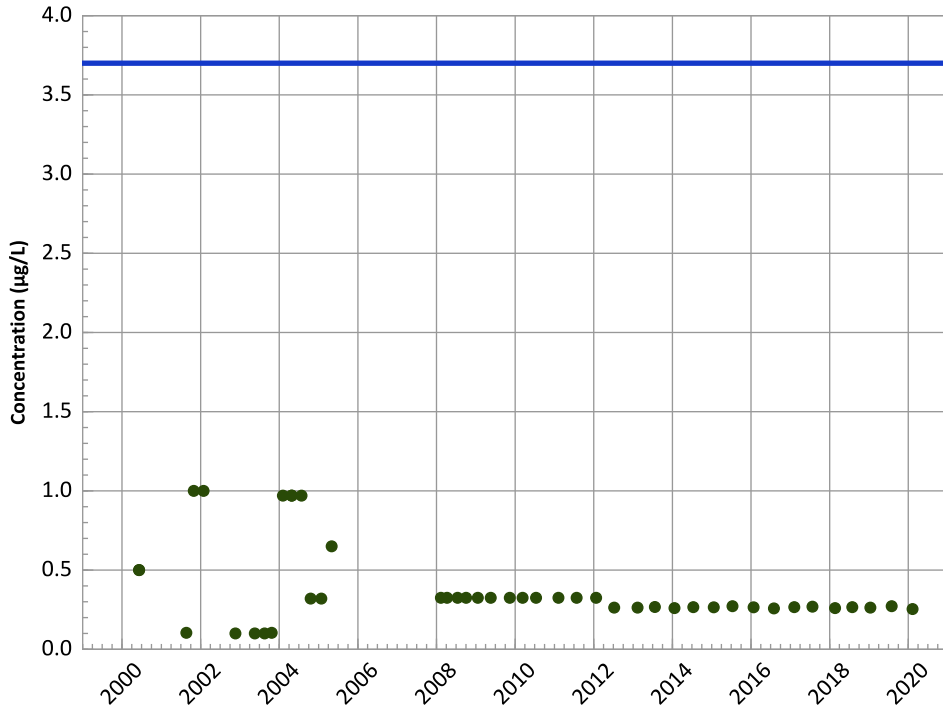
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

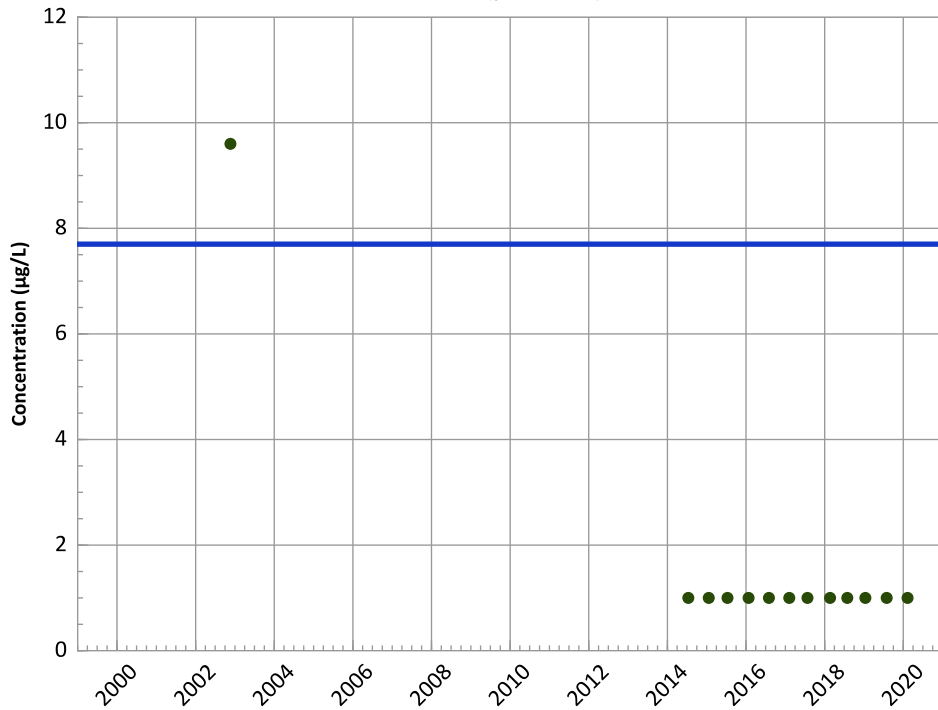
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

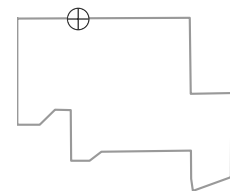
All Data:

All Non-Detect

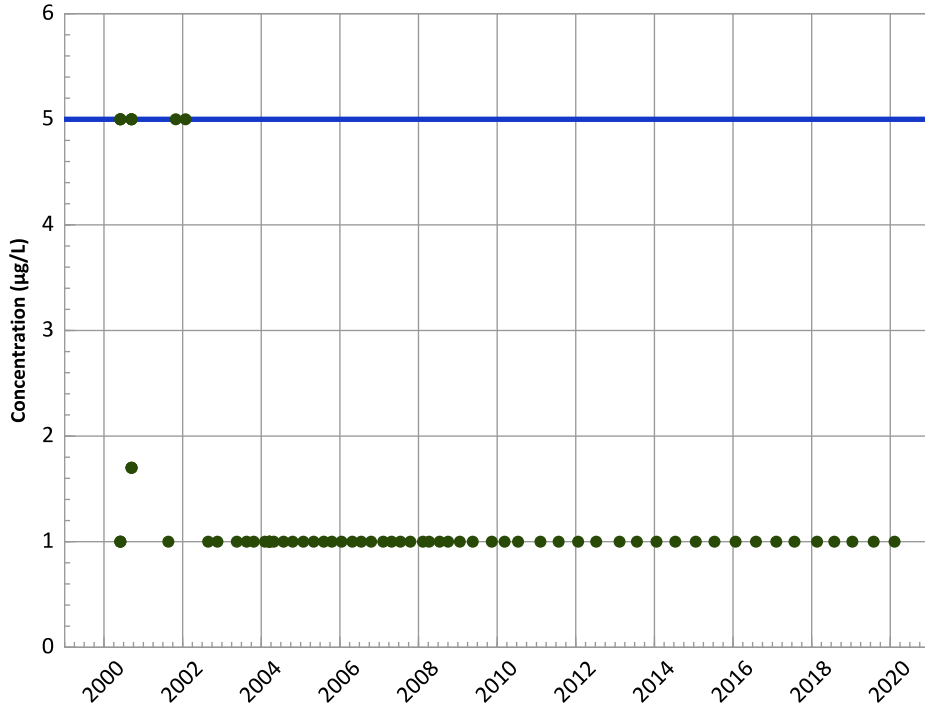
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

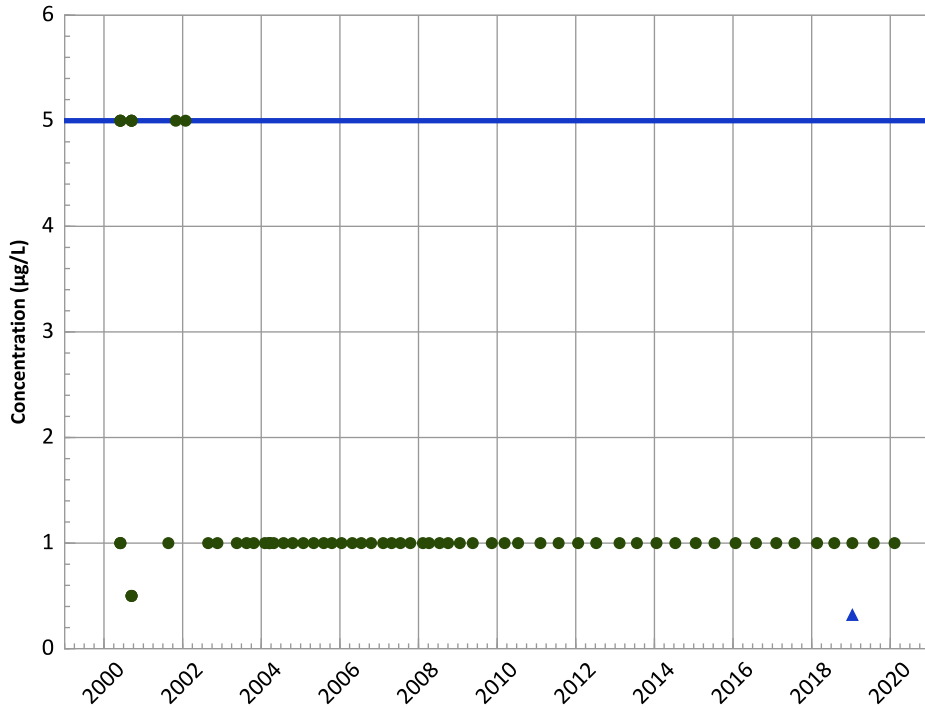
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

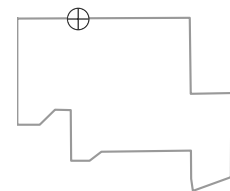
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

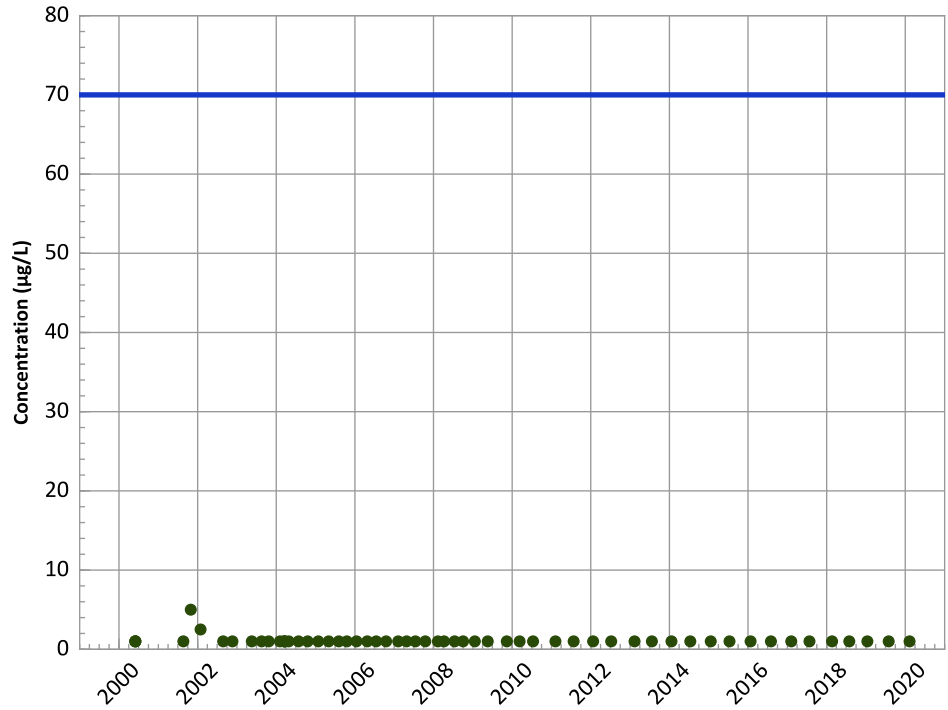
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

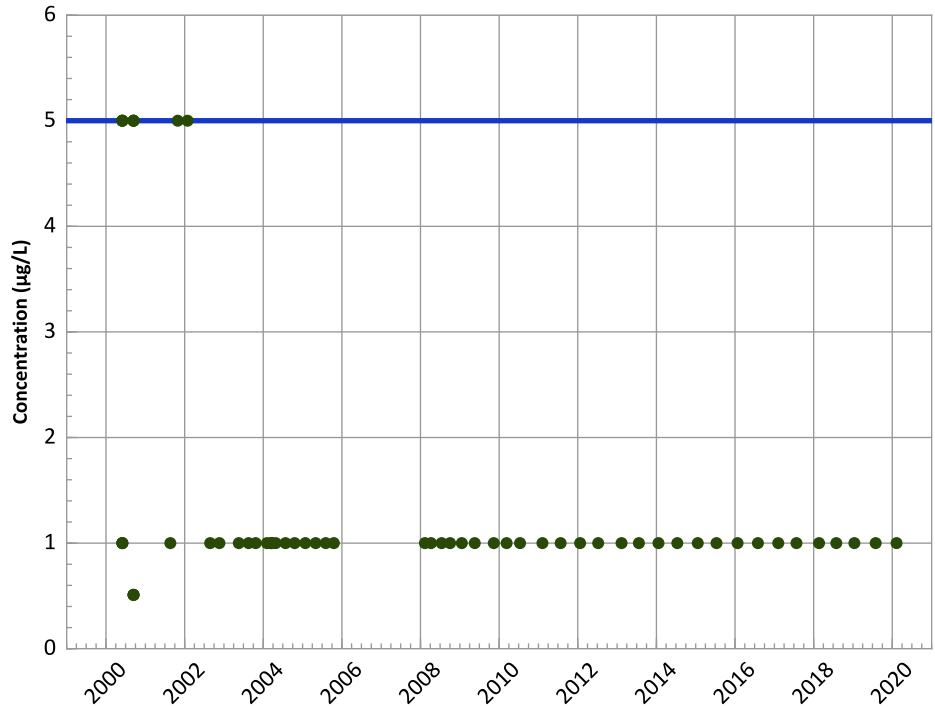
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect
MAROS Linear Regression Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect

1,2-Dichloroethane Trend

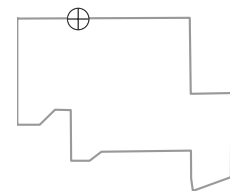


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect
MAROS Linear Regression Method
 2018 - 2020 Data:
 All Non-Detect
 All Data:
 All Non-Detect

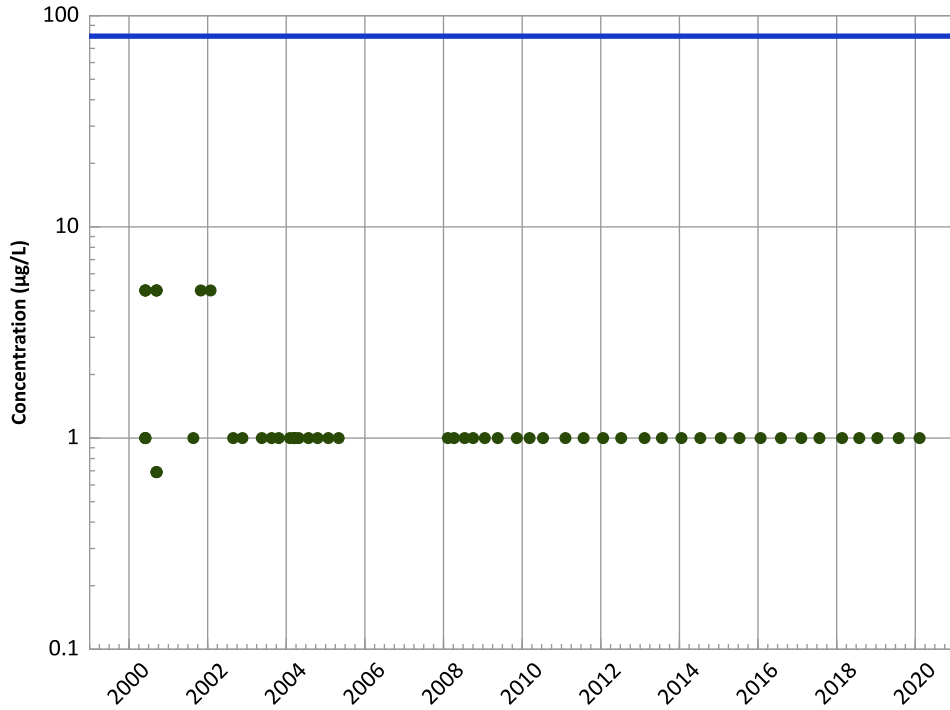
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/01/2000 to 02/10/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
 USDOE/NNSA Pantex Plant
 Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

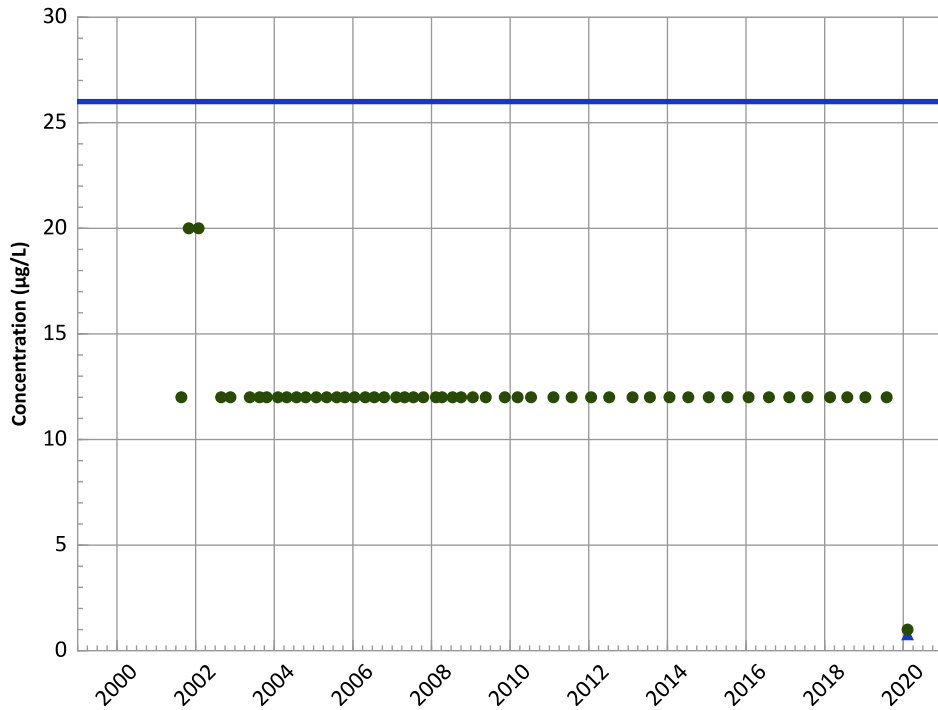
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

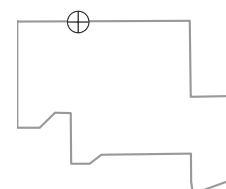
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

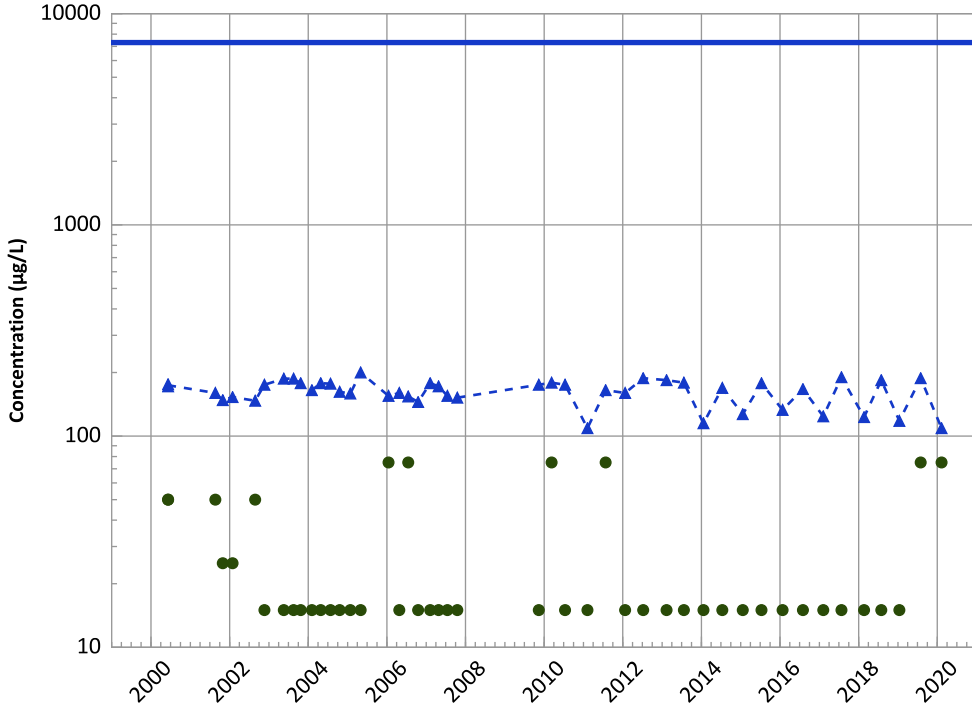


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/01/2000 to 02/10/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

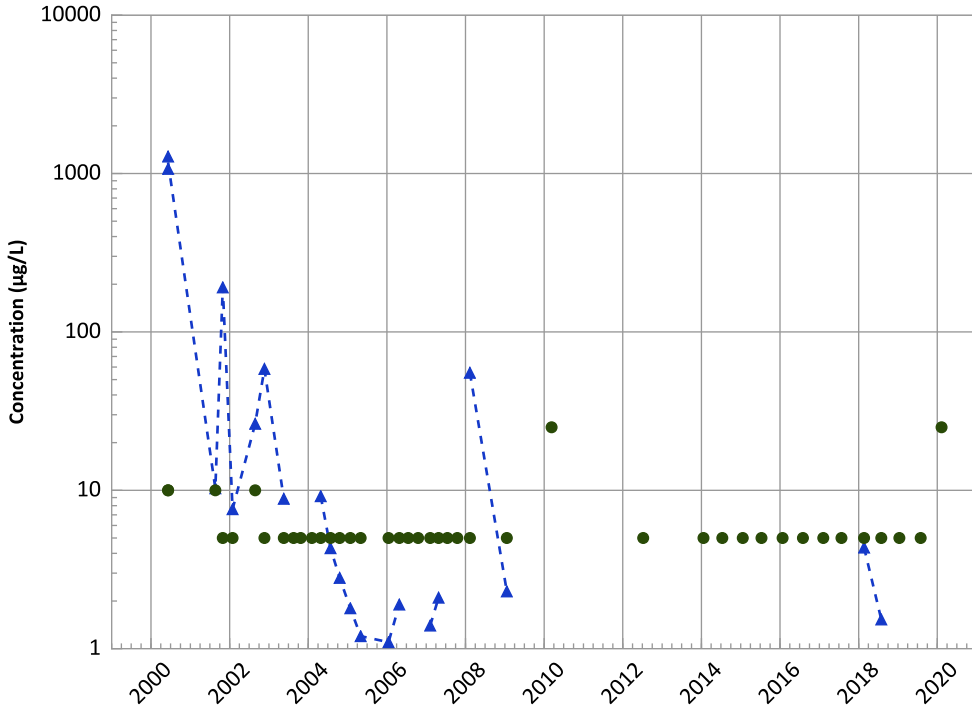
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

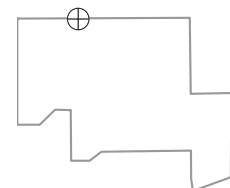
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

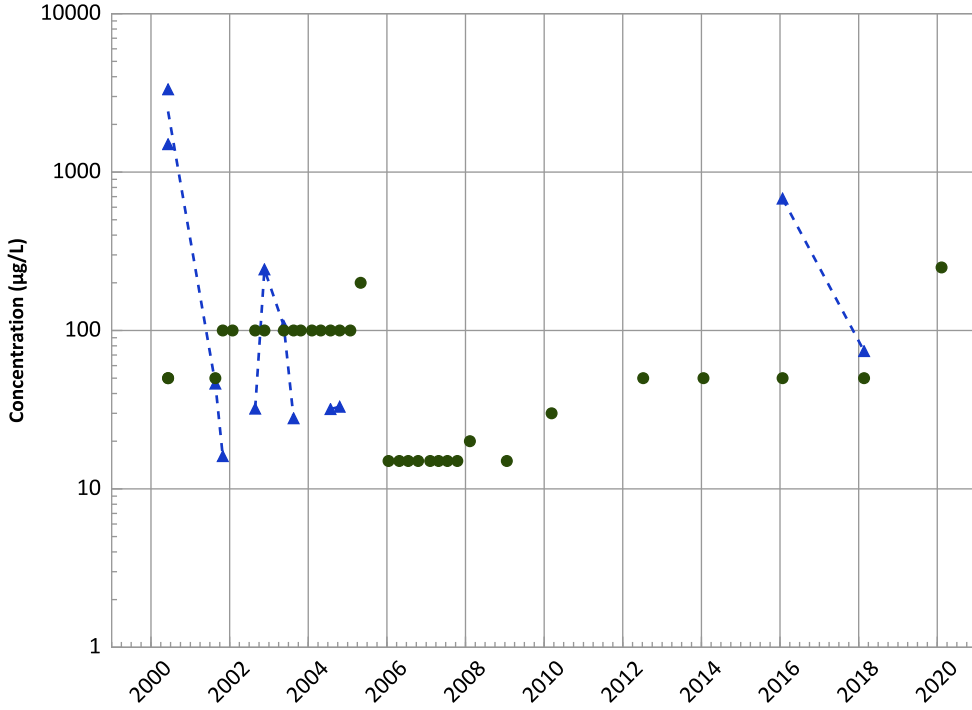
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

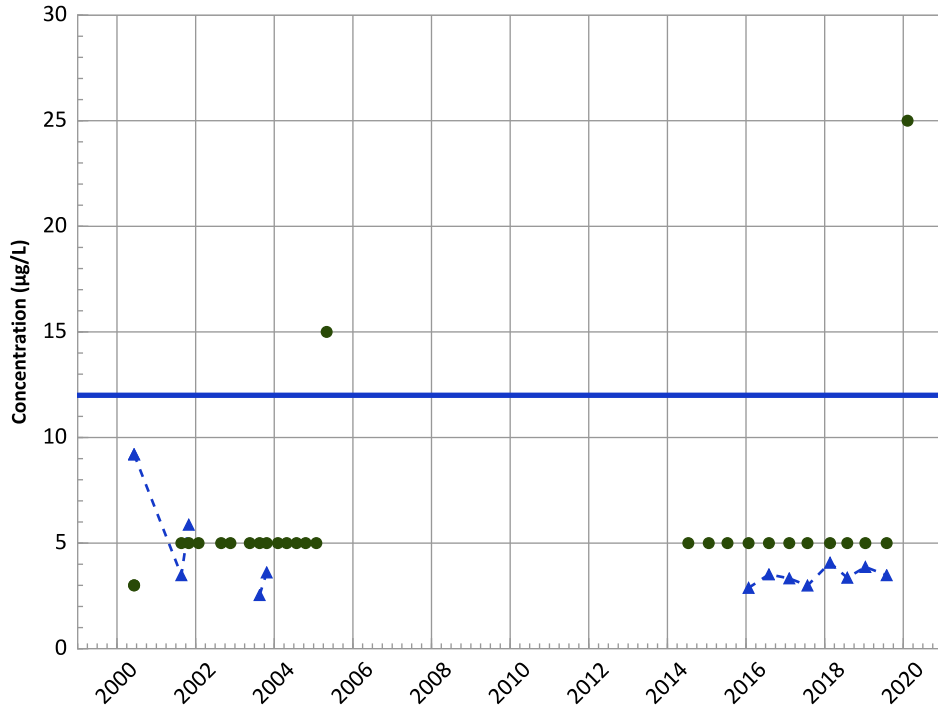
2018 - 2020 Data:

No Trend

All Data:

Increasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

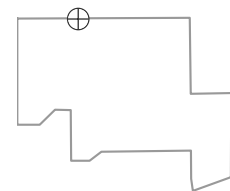
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

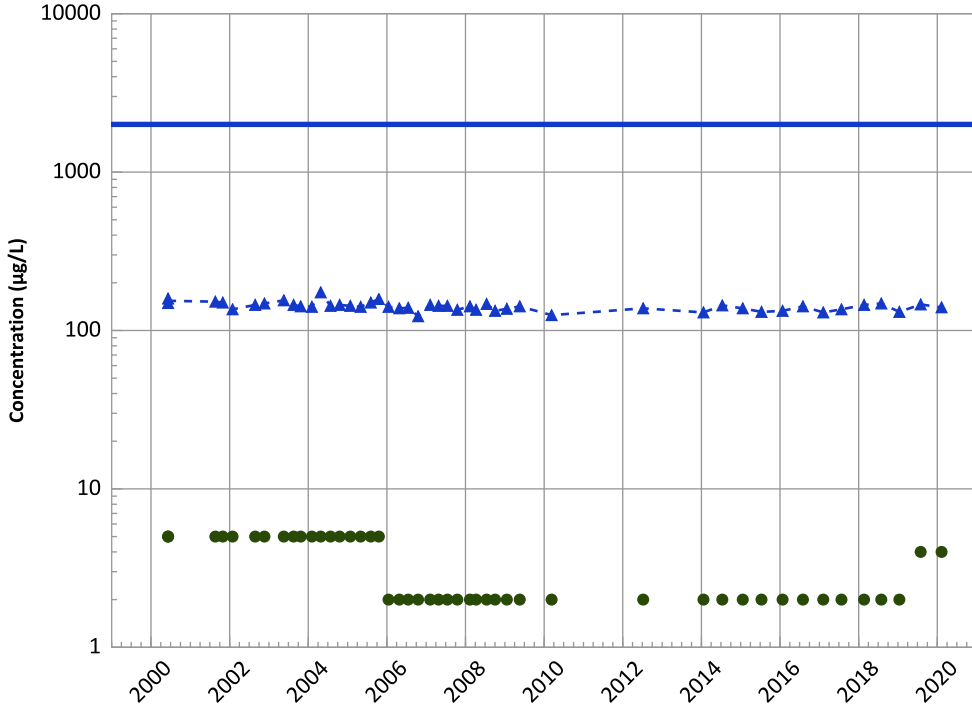


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

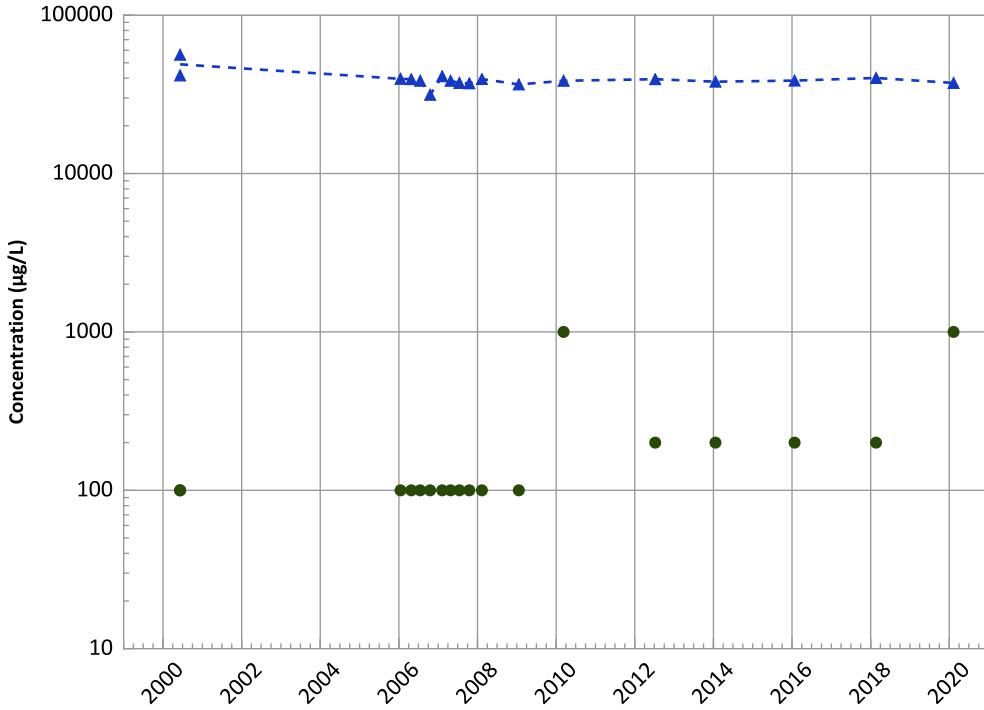
2018 - 2020 Data:

Stable

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

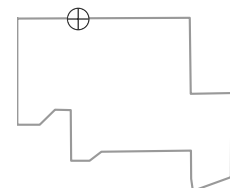
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

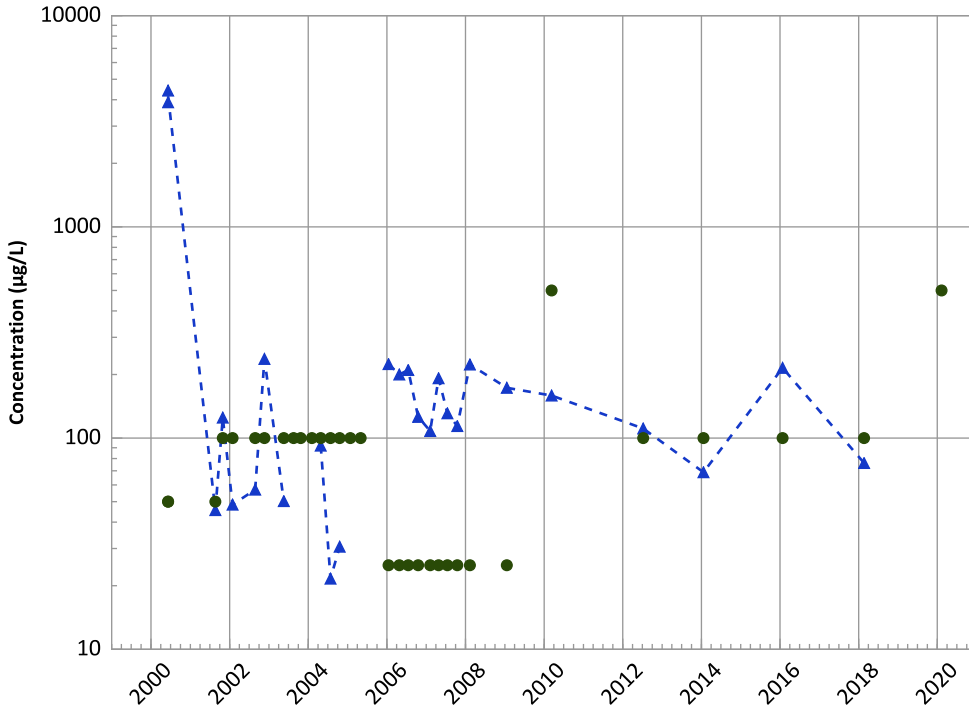
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

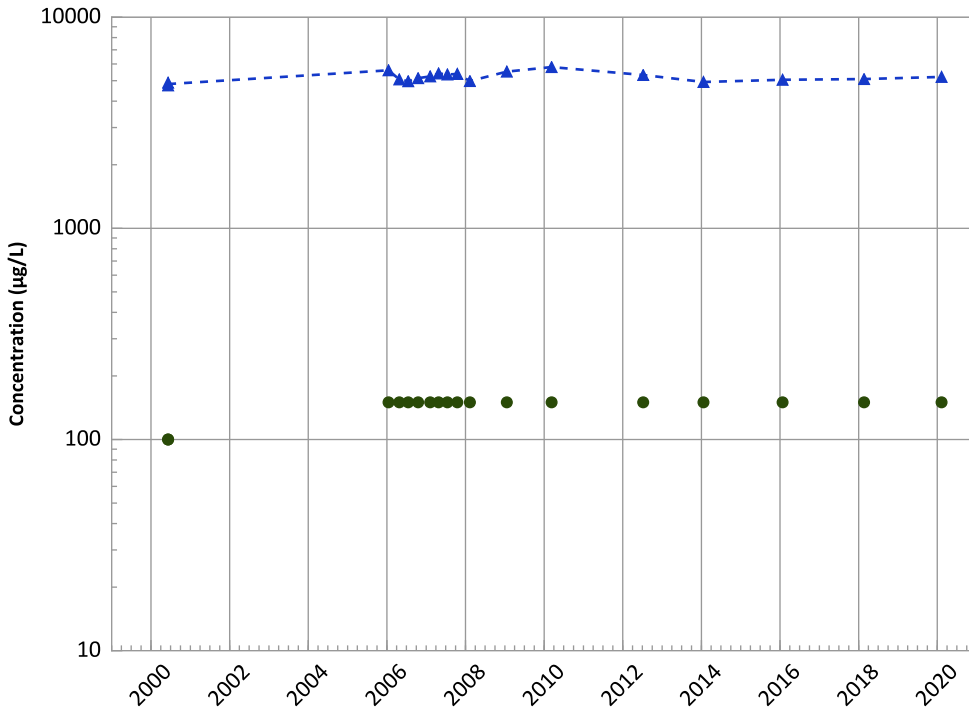
2018 - 2020 Data:

Stable

All Data:

No Trend

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

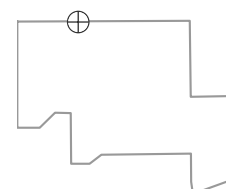
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Well Location

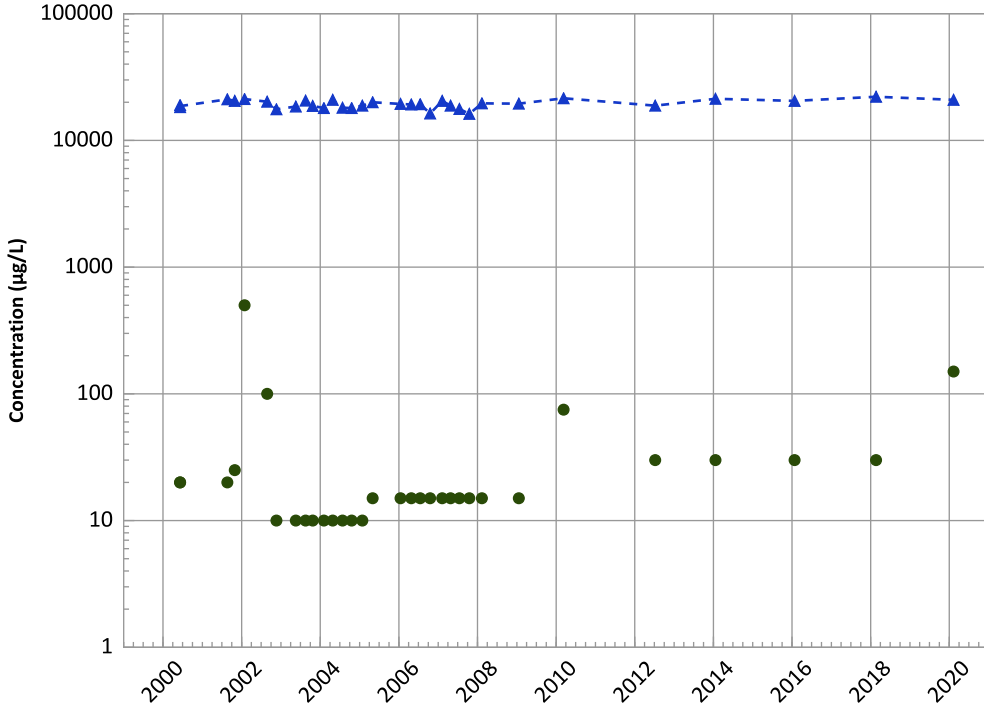


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

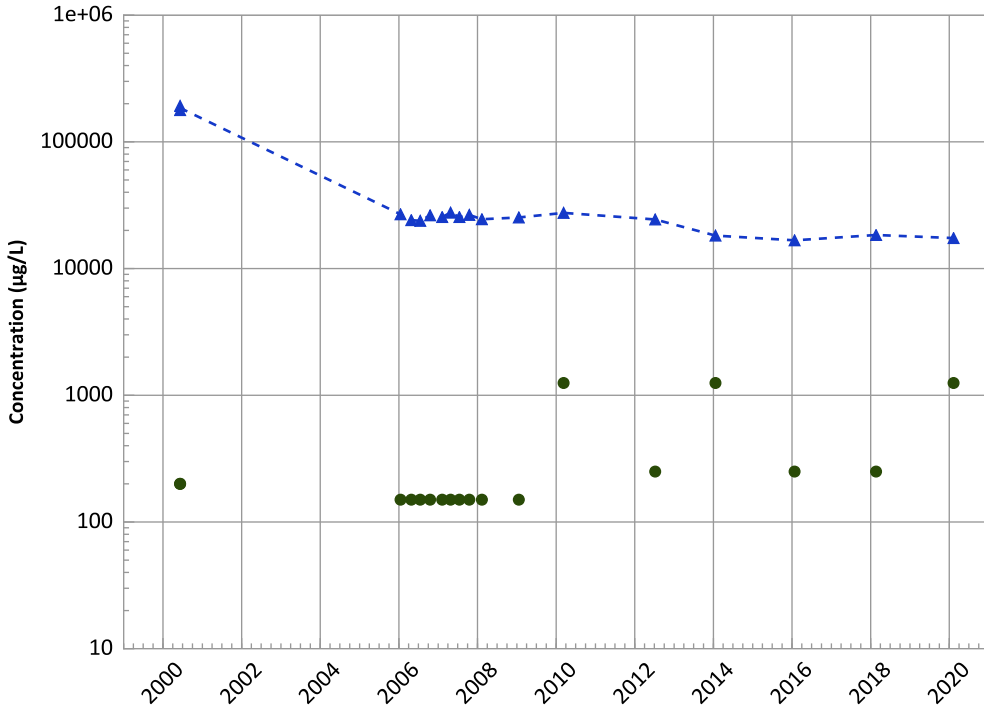
2018 - 2020 Data:

Decreasing

All Data:

Probably Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

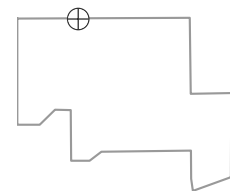
All Data:

Decreasing

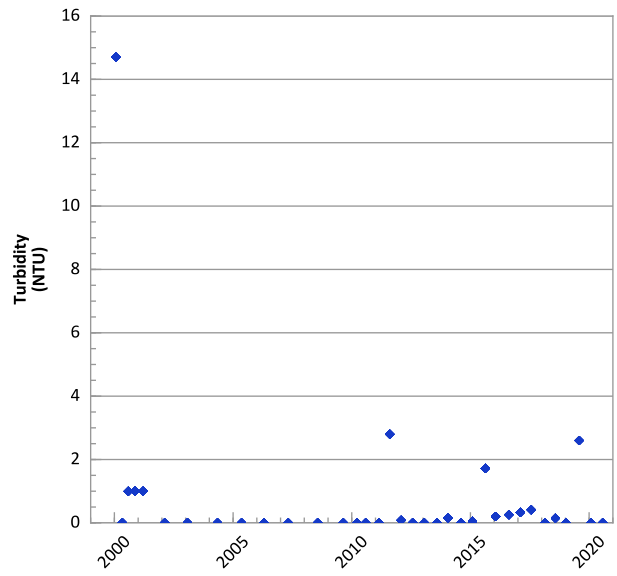
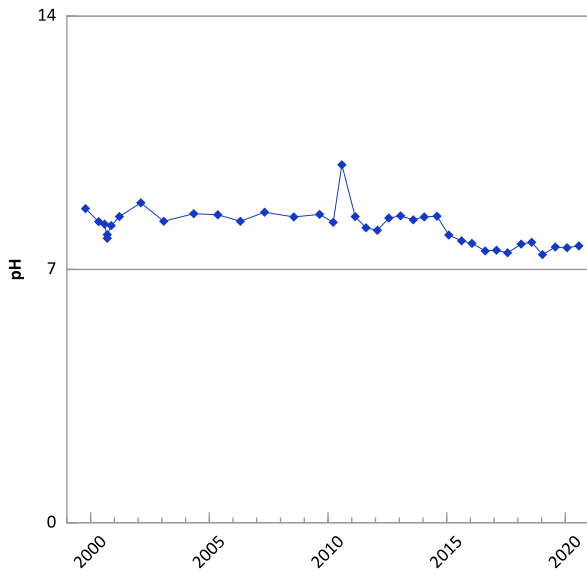
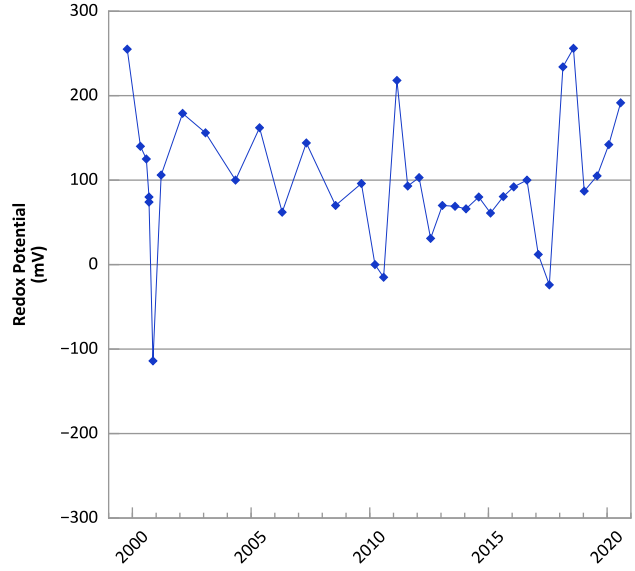
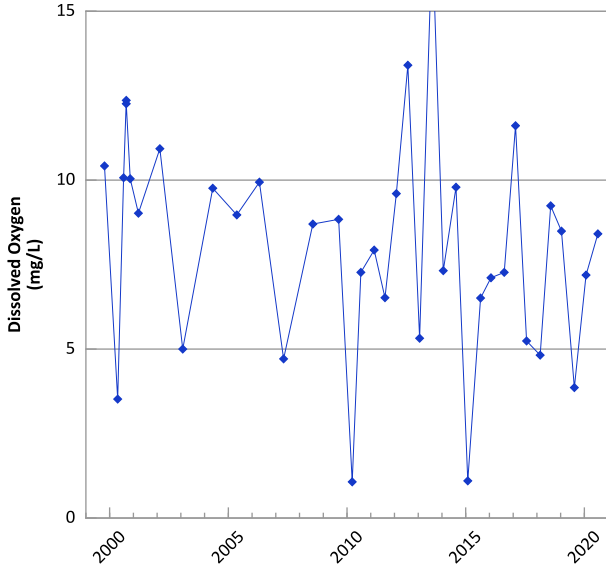
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/01/2000 to 02/10/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

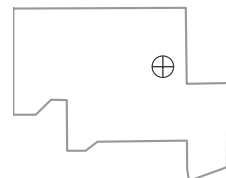


**PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



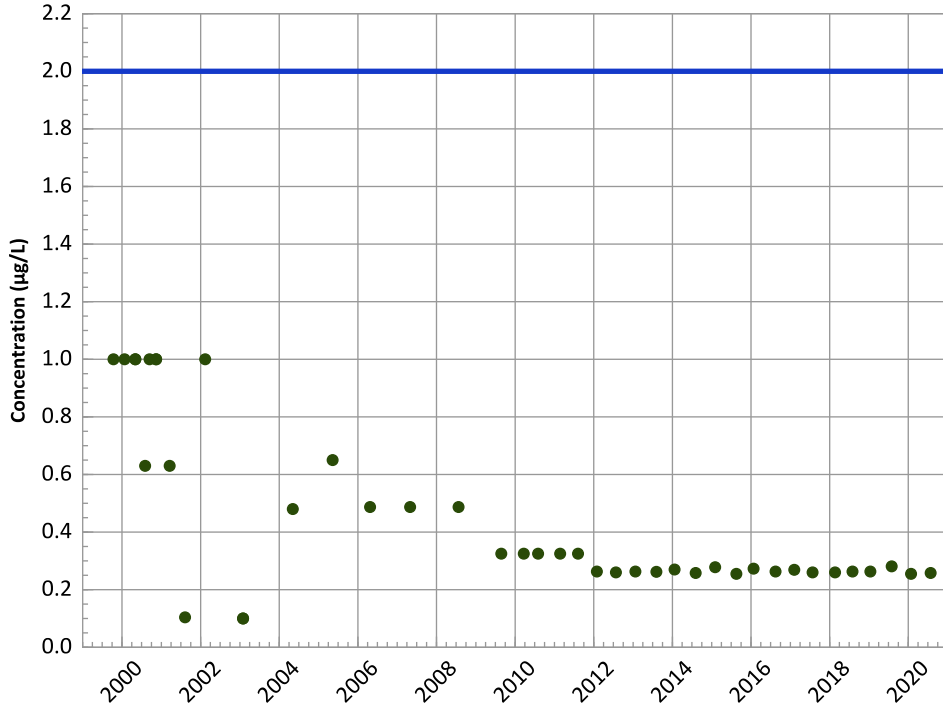
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/14/1999 to 07/27/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

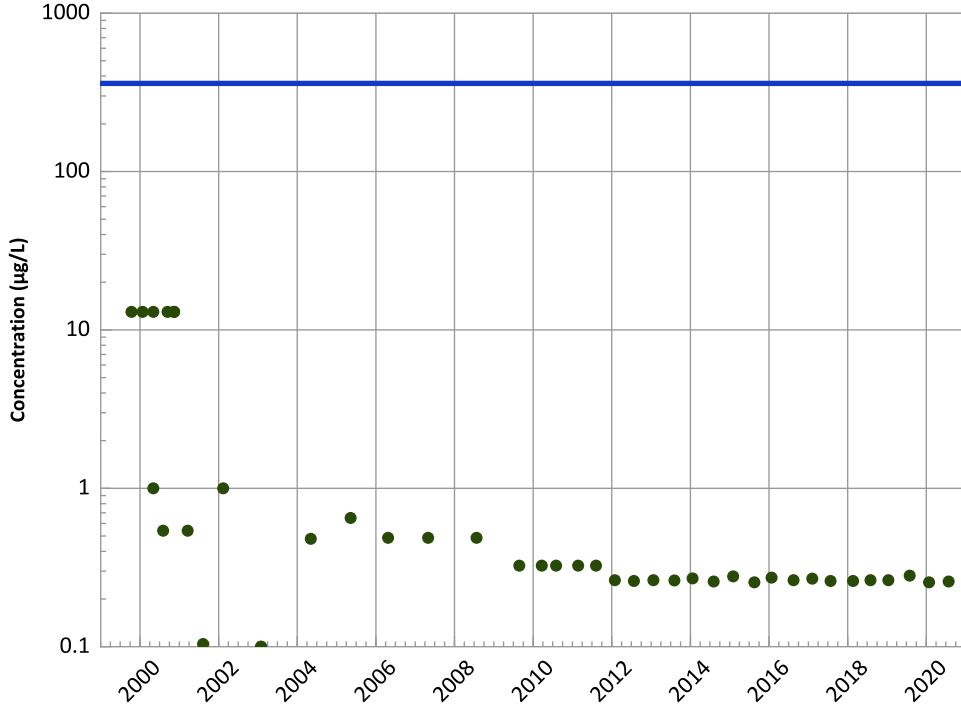
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

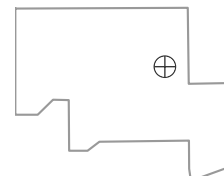
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

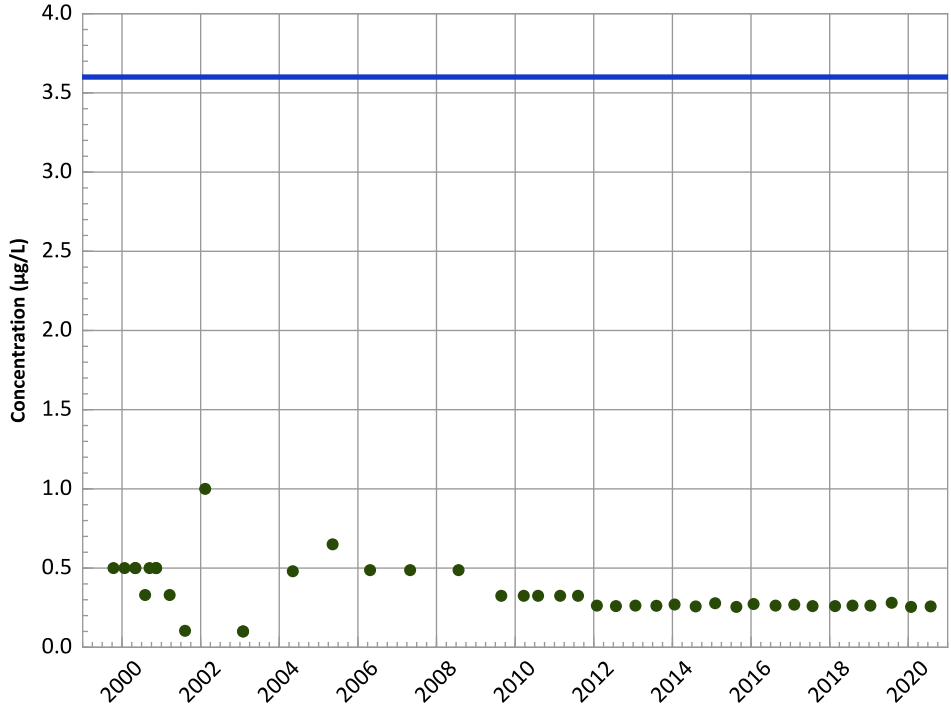
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

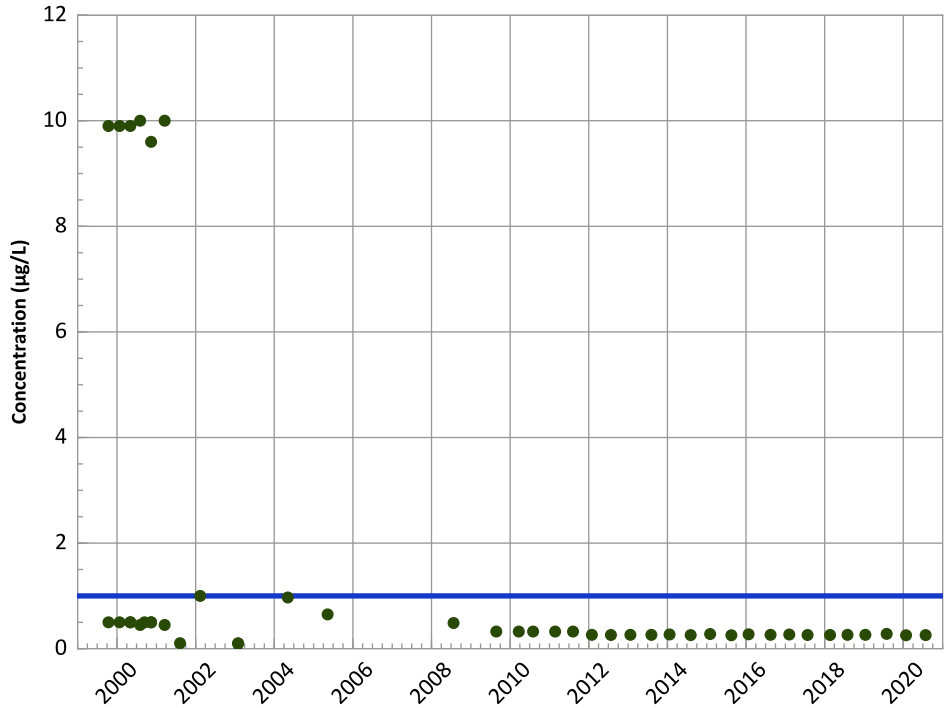
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

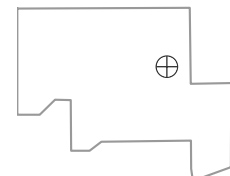
All Data:

N/A (<4 Detections in Dataset)

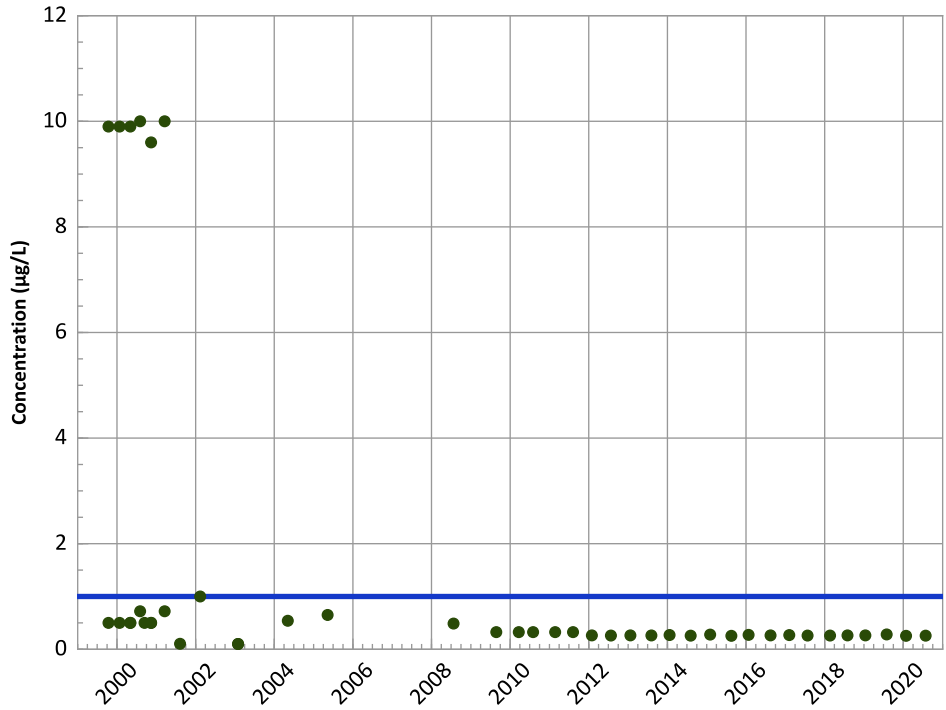
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

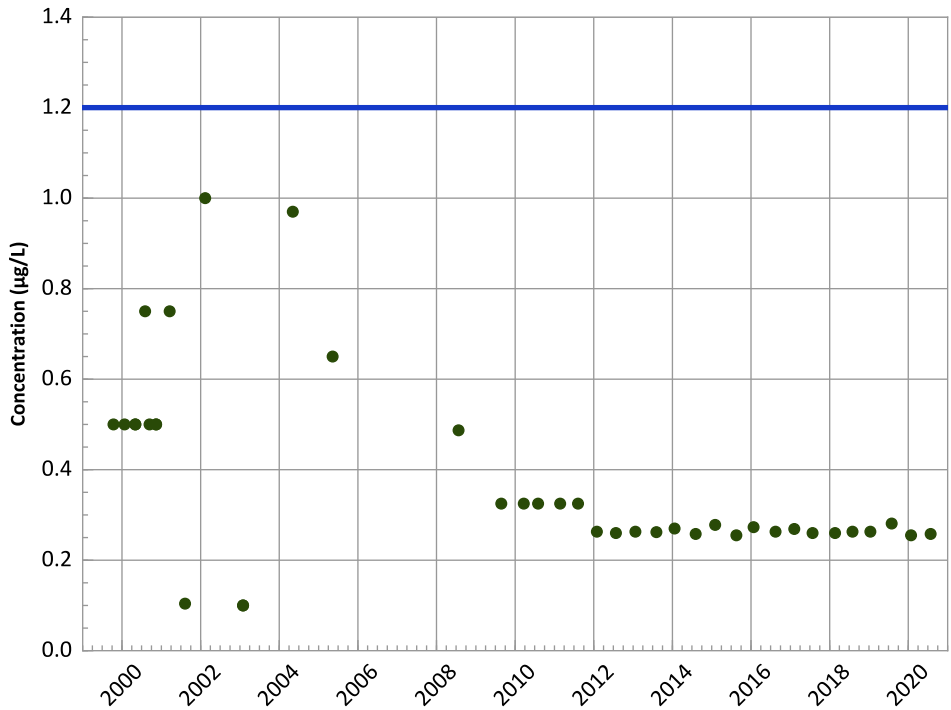
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

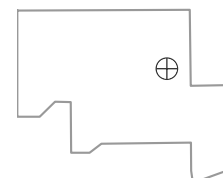
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

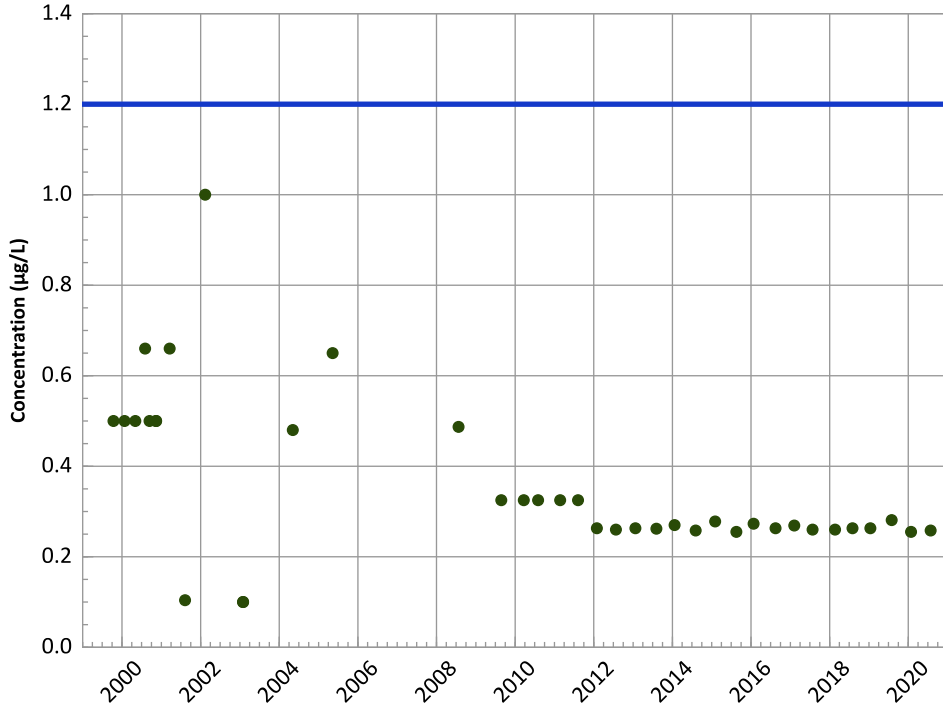
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

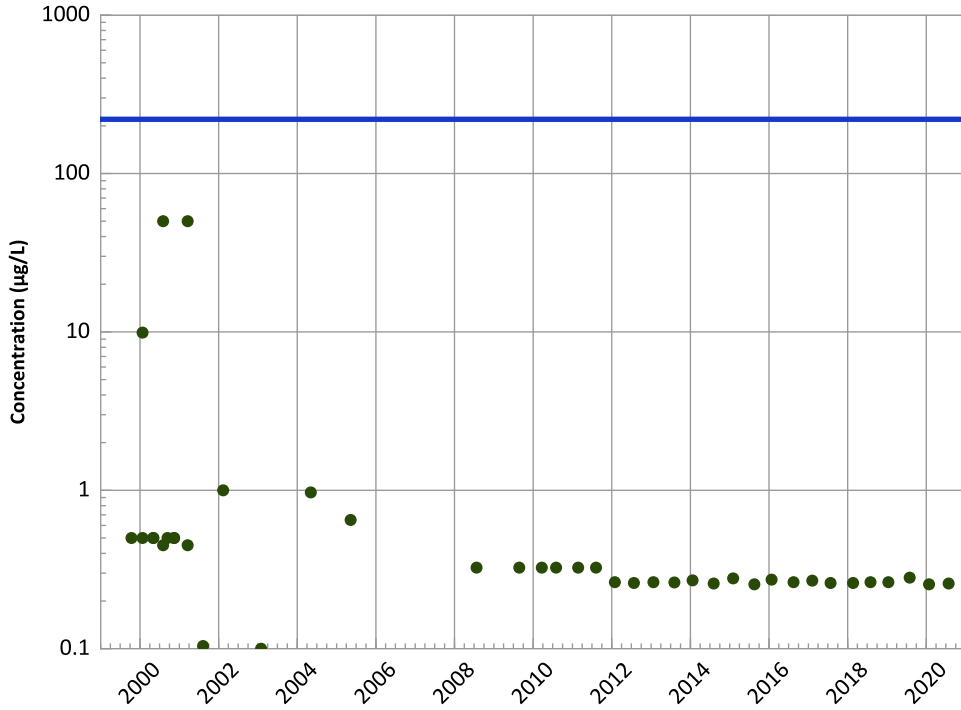
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

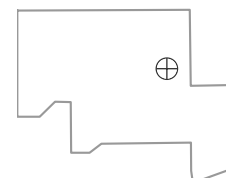
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

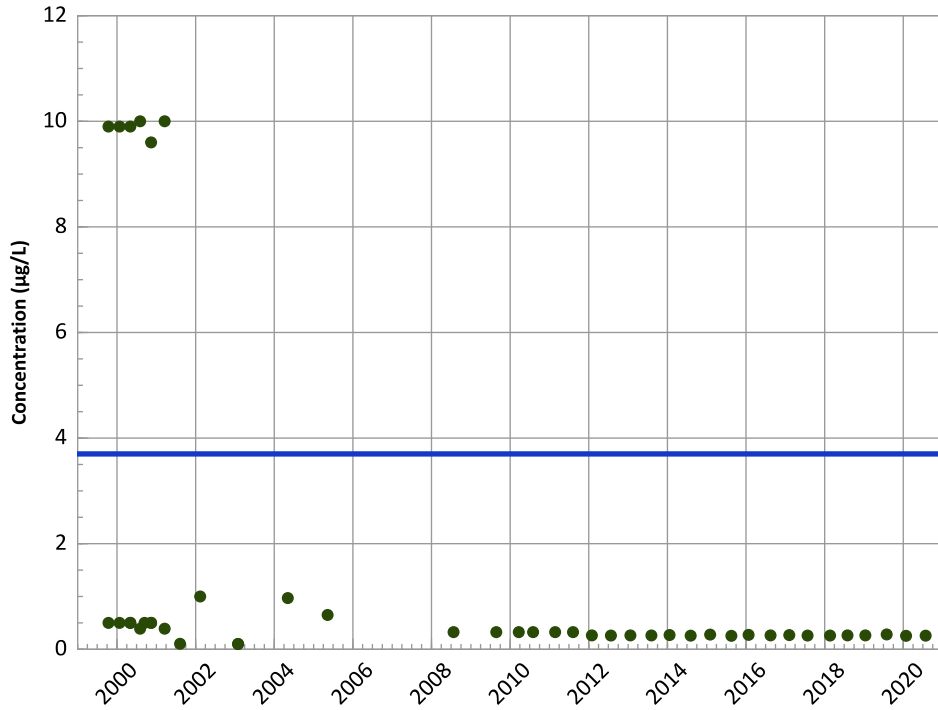
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

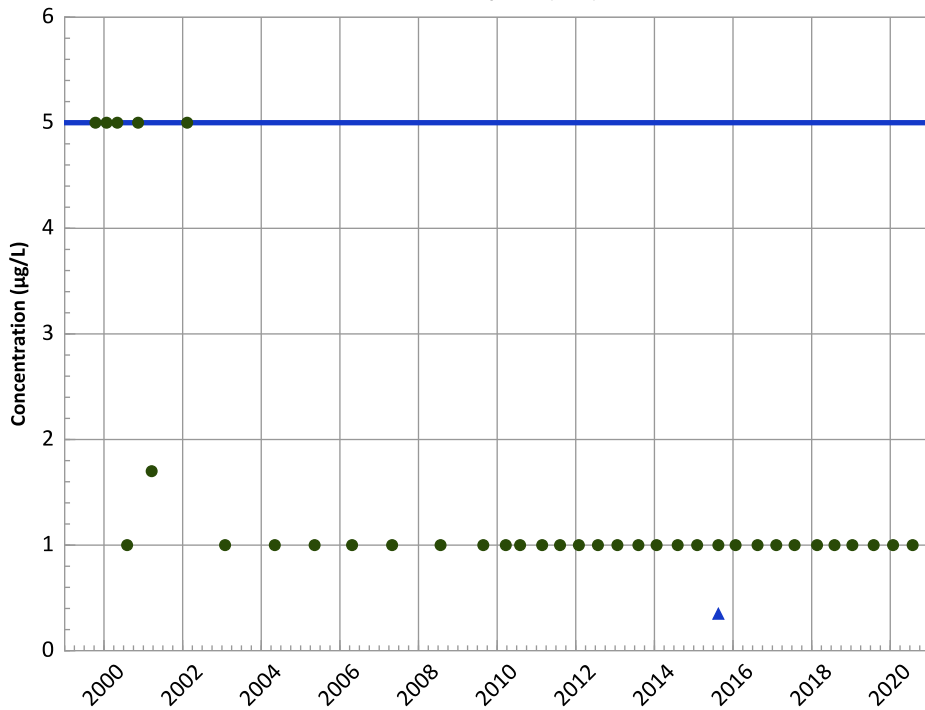
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

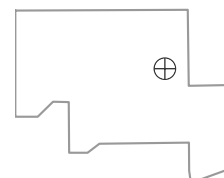
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

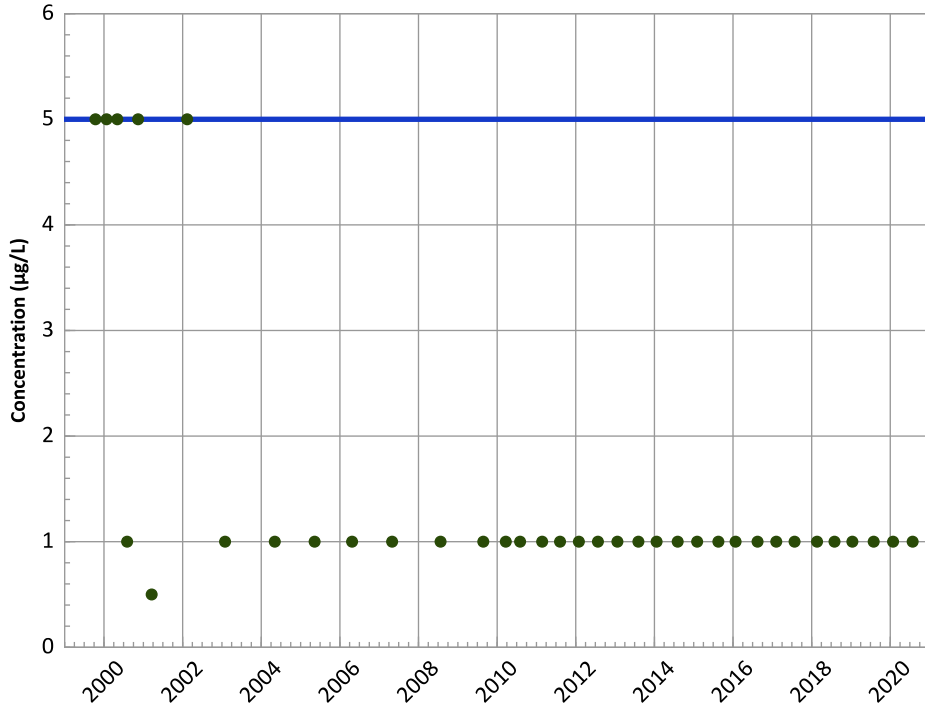
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

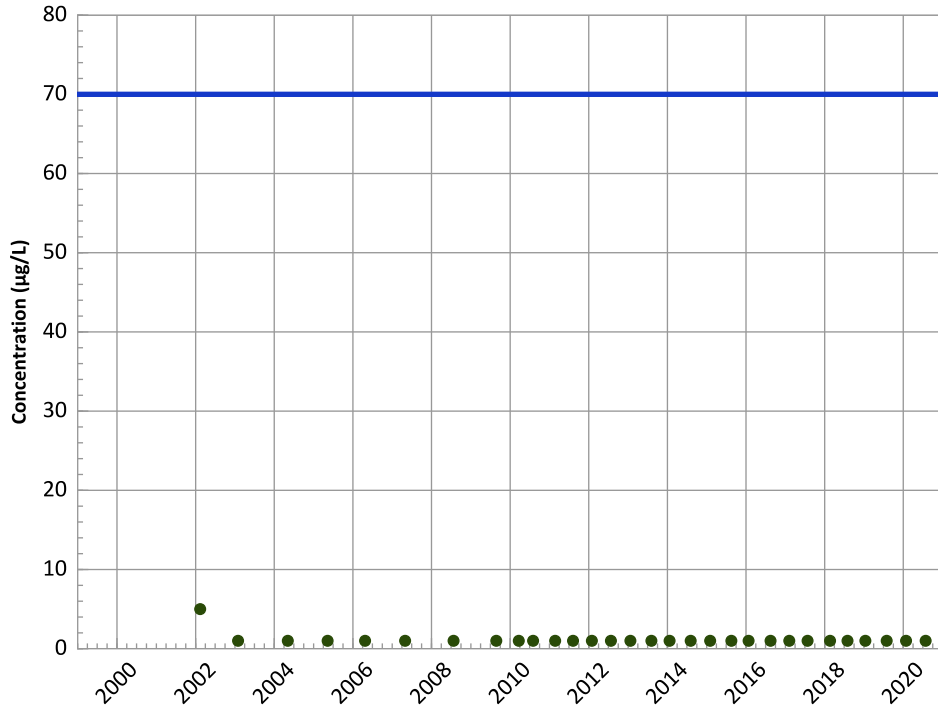
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

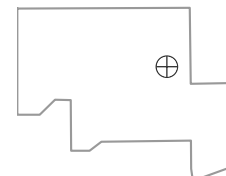
All Data:

All Non-Detect

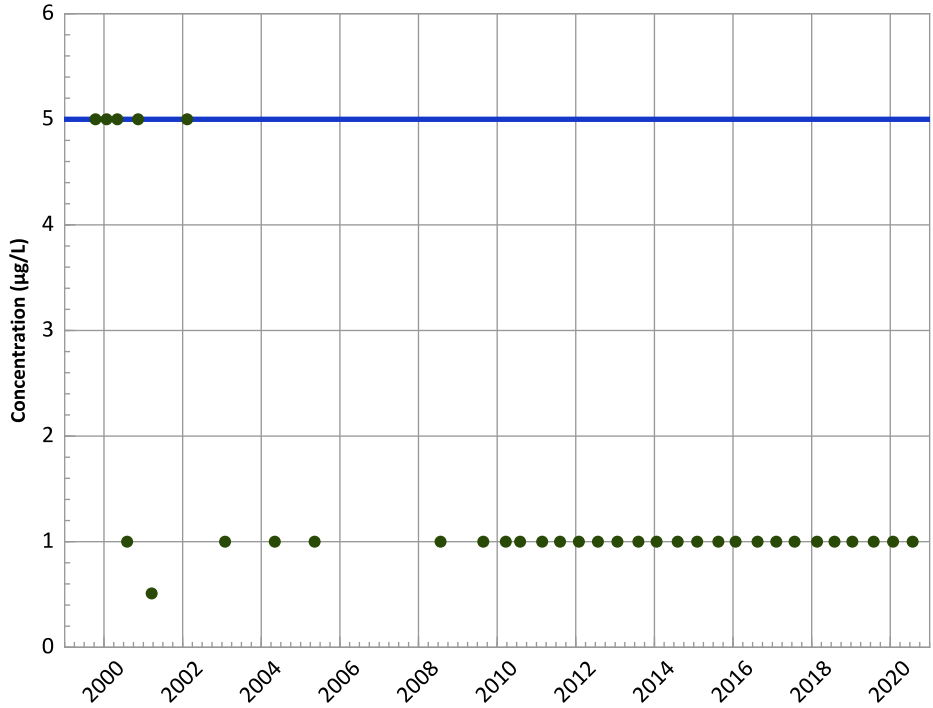
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
All Non-Detect

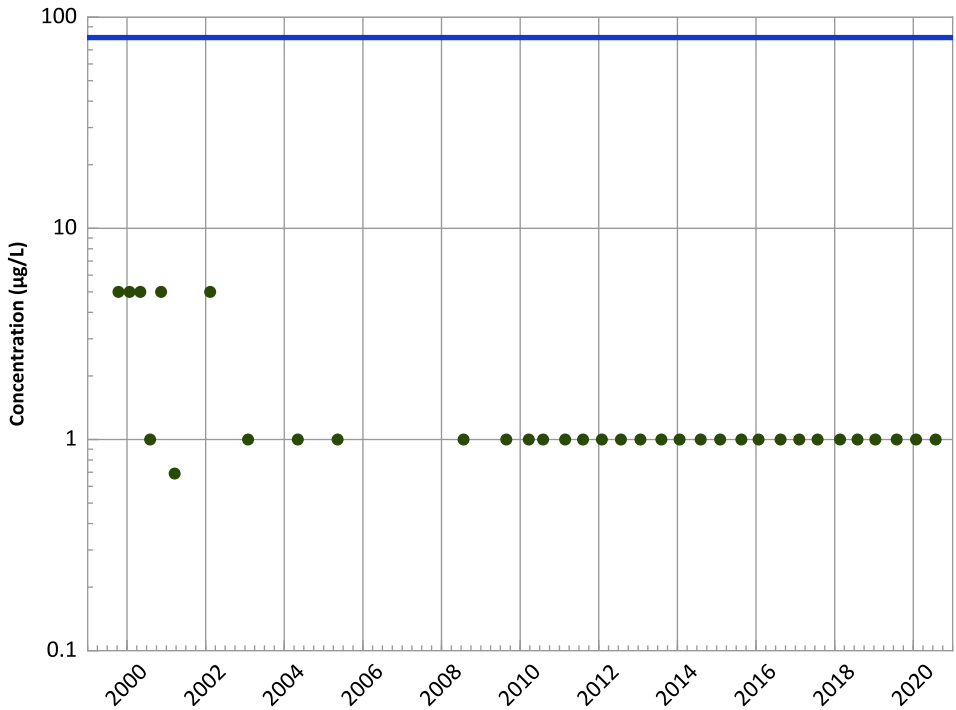
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

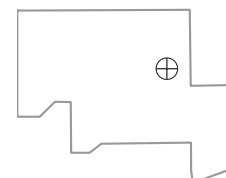
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Well Location

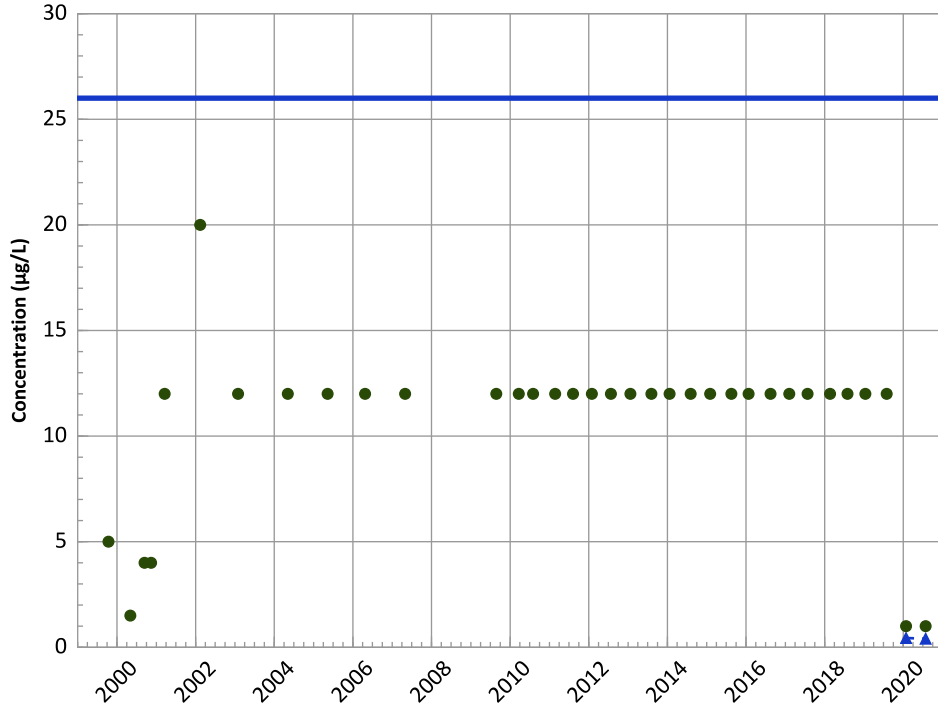


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - - - Concentration Trend
- Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

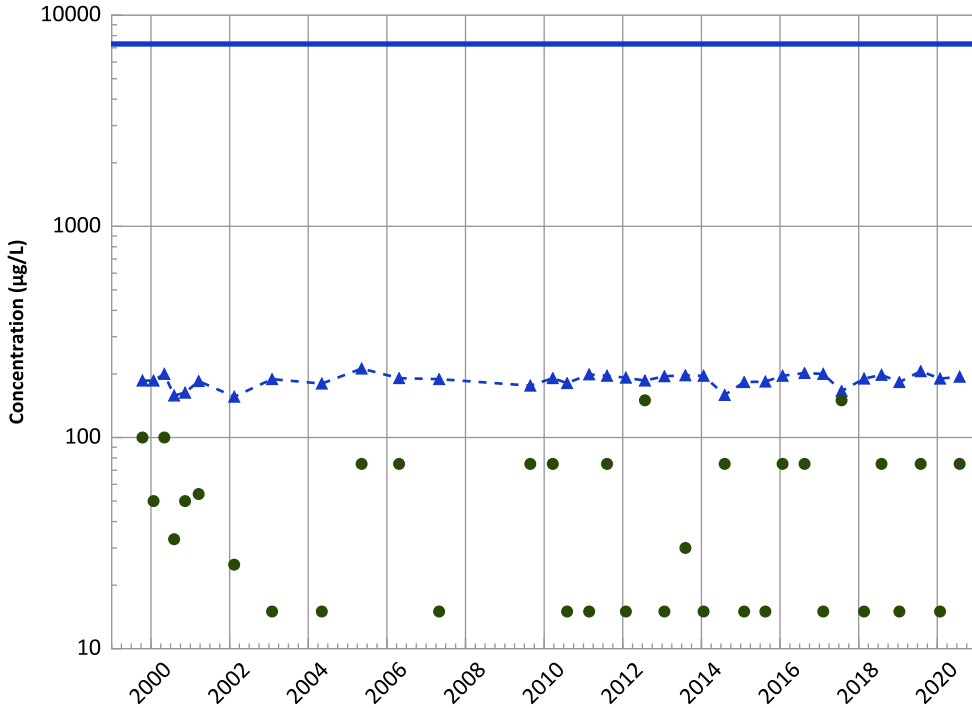


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

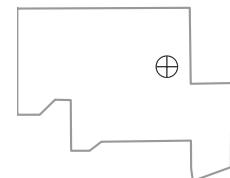
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

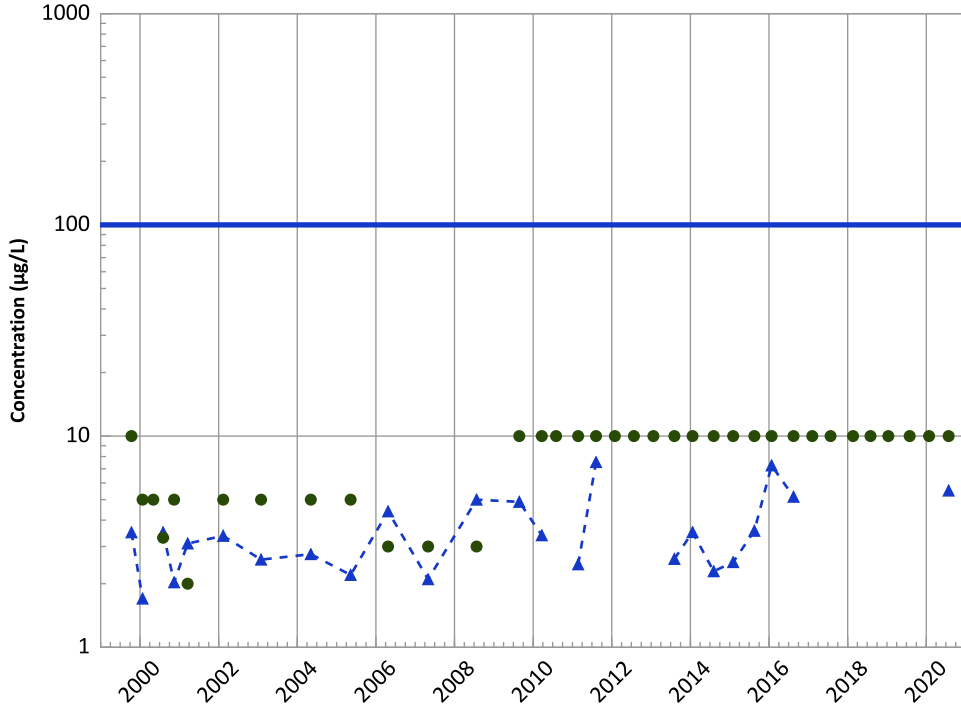
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

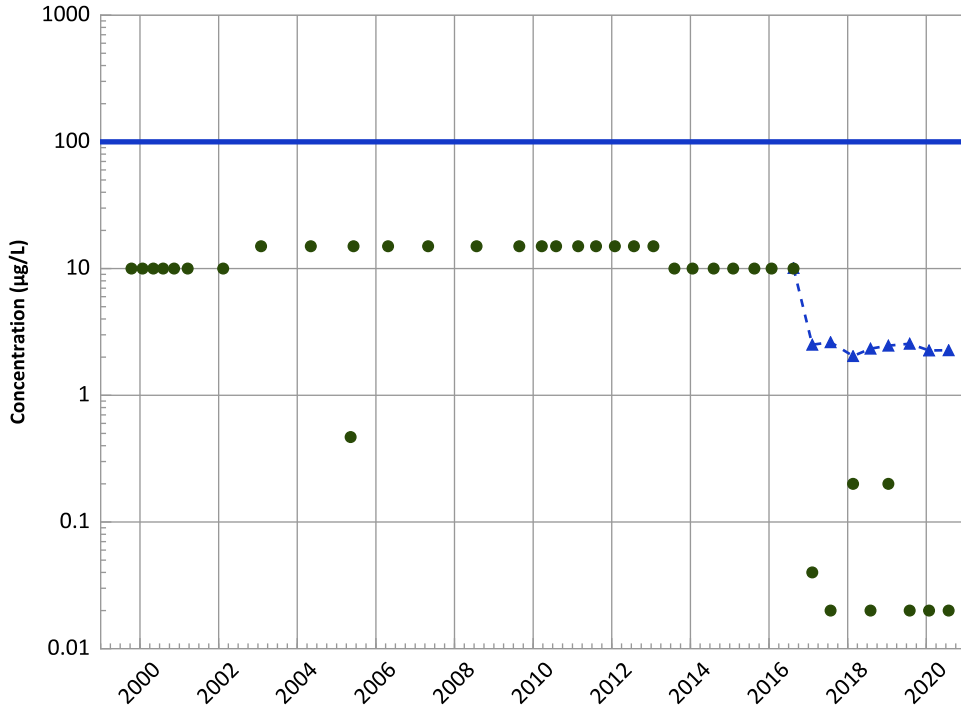


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Chromium, Hexavalent Trend

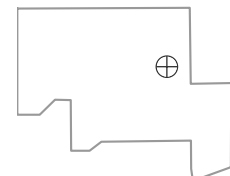


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Well Location

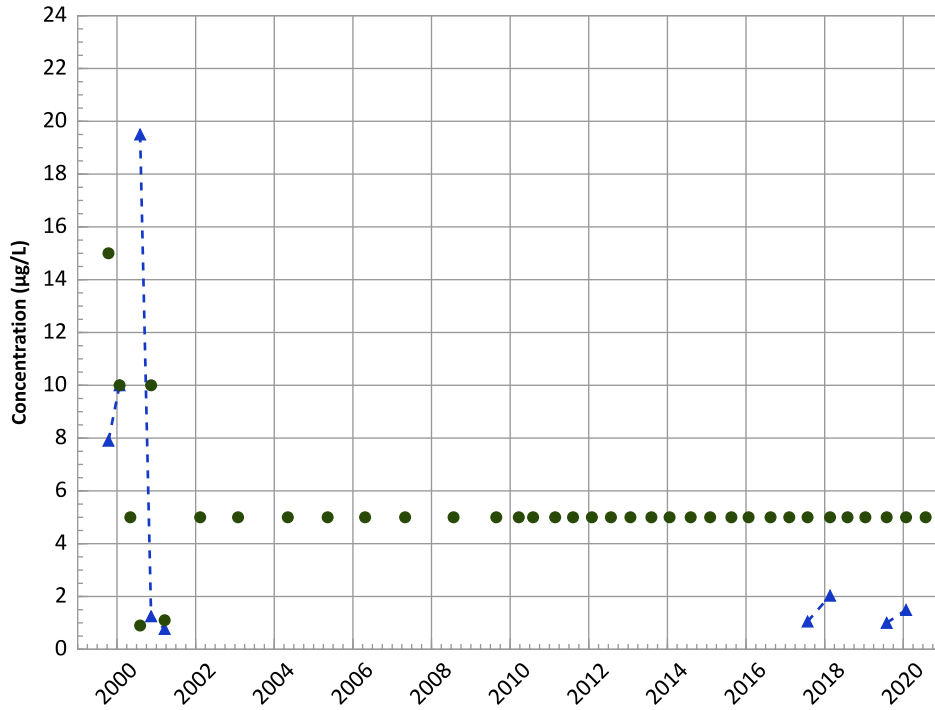


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

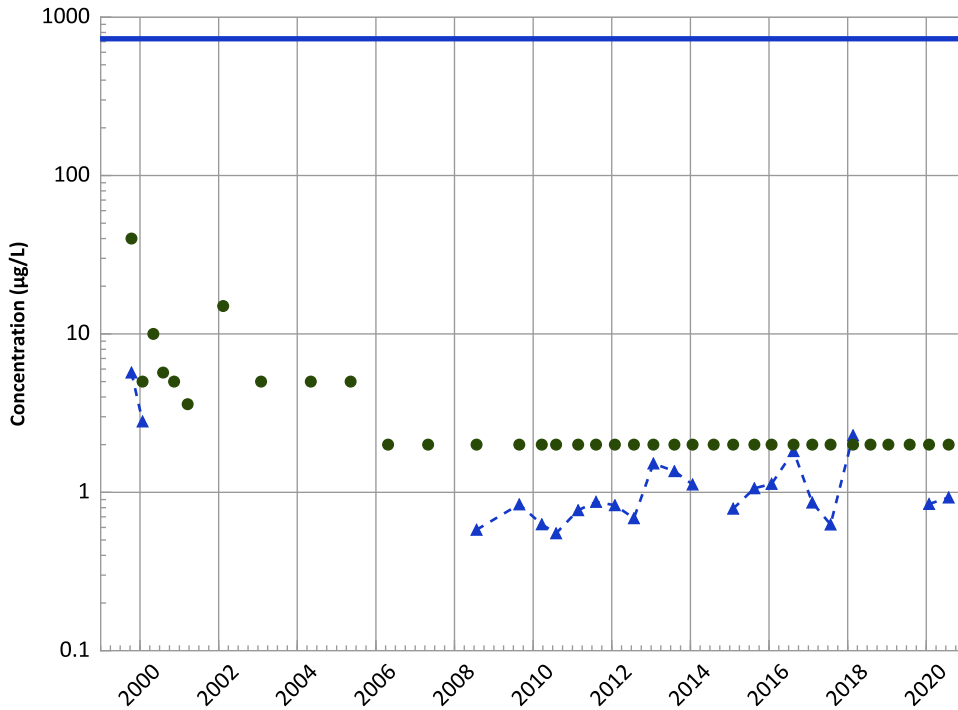


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Nickel Trend

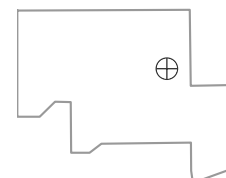


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Well Location

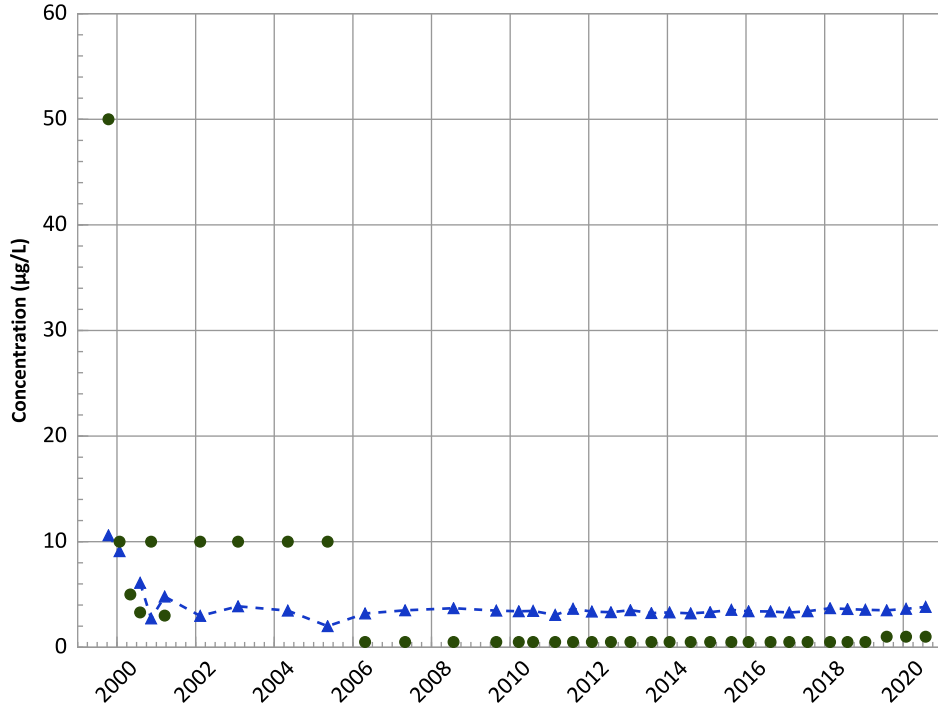


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

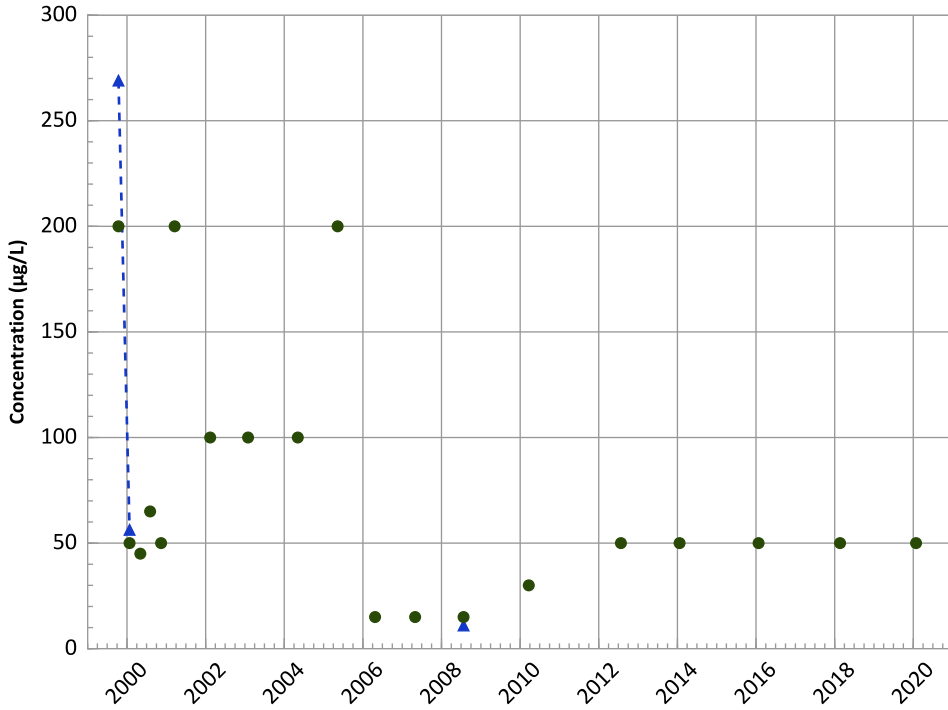
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

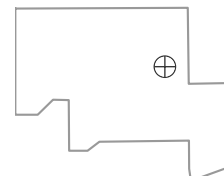
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

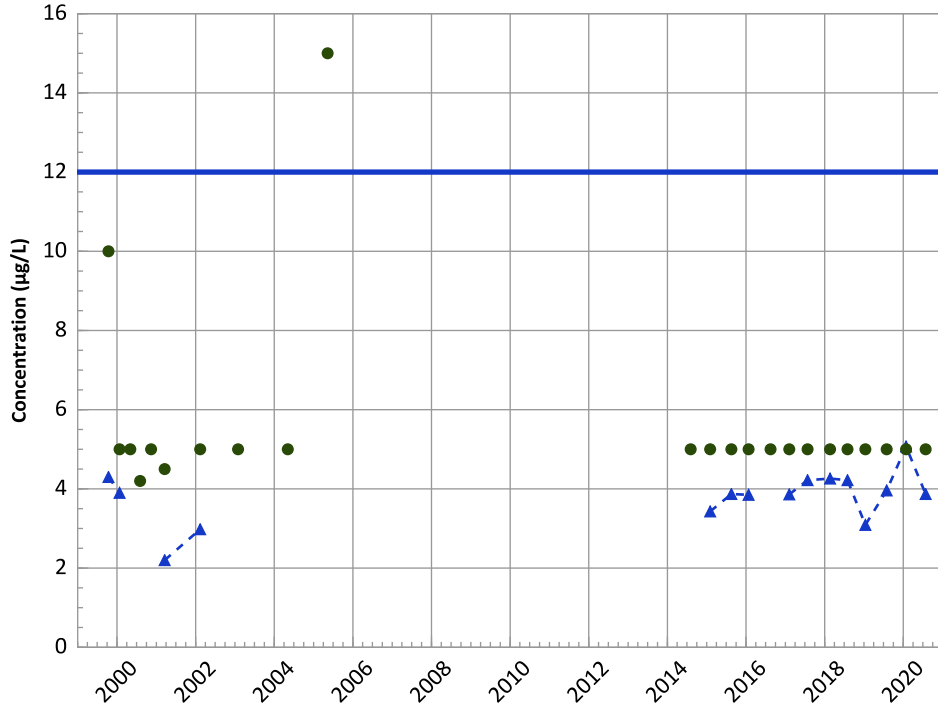
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

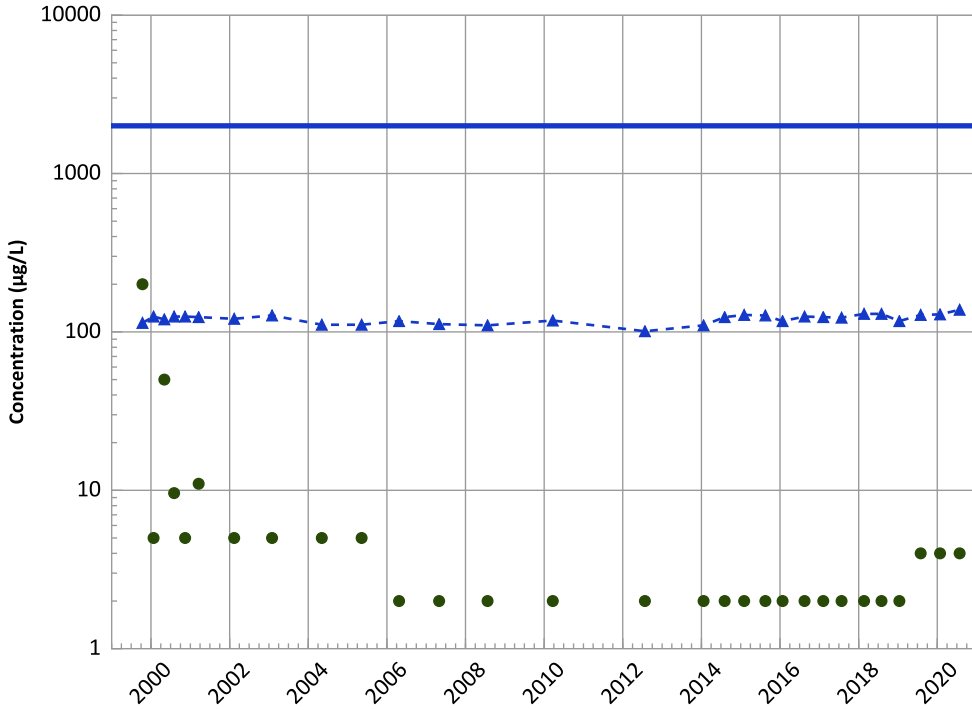
2018 - 2020 Data:

No Trend

All Data:

Increasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

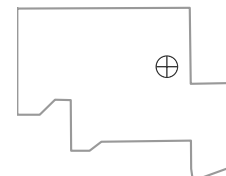
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

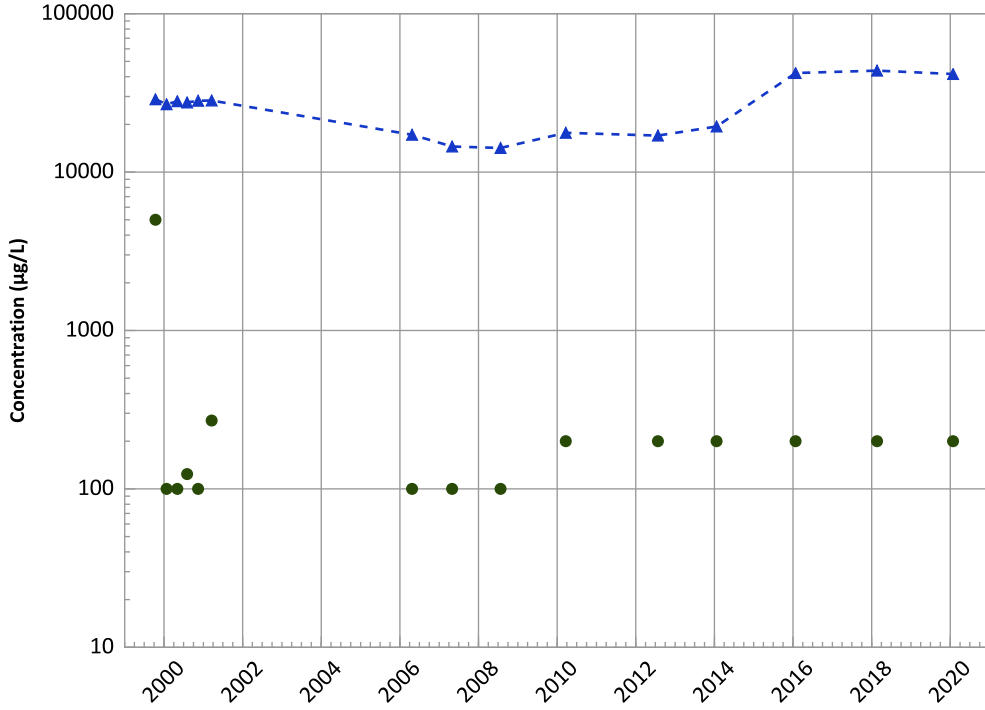
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

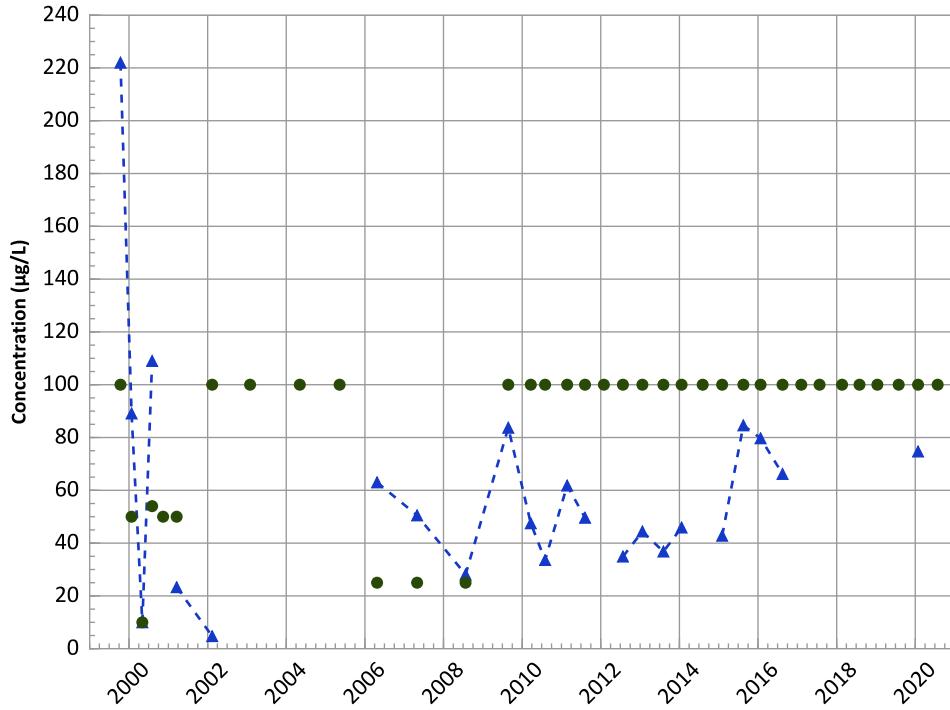
2018 - 2020 Data:

No Trend

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

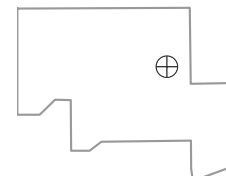
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

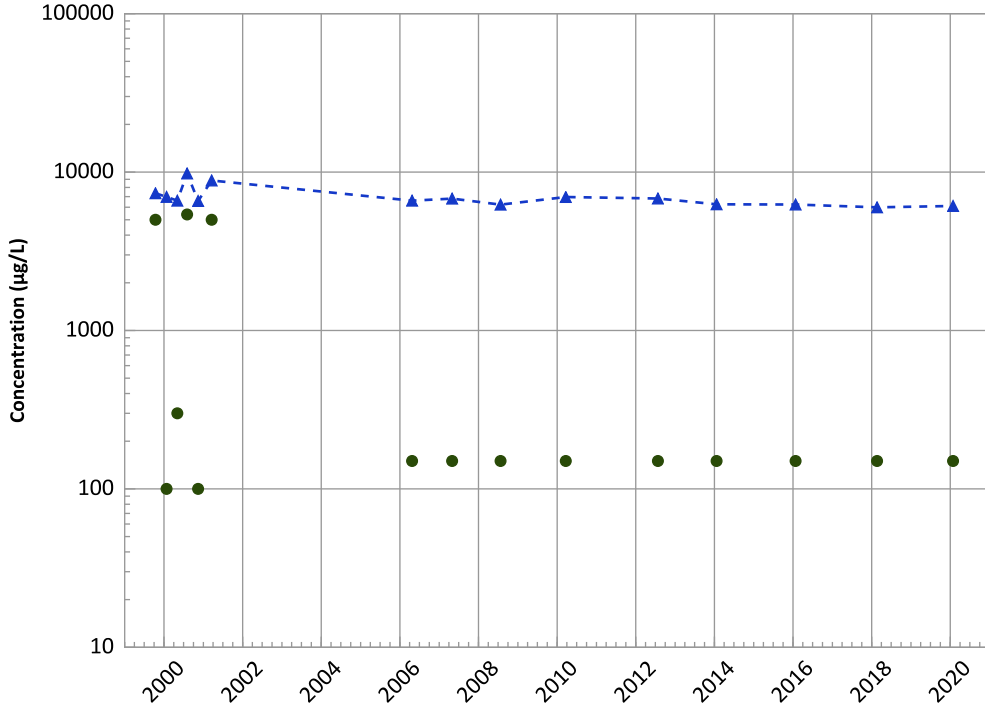
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

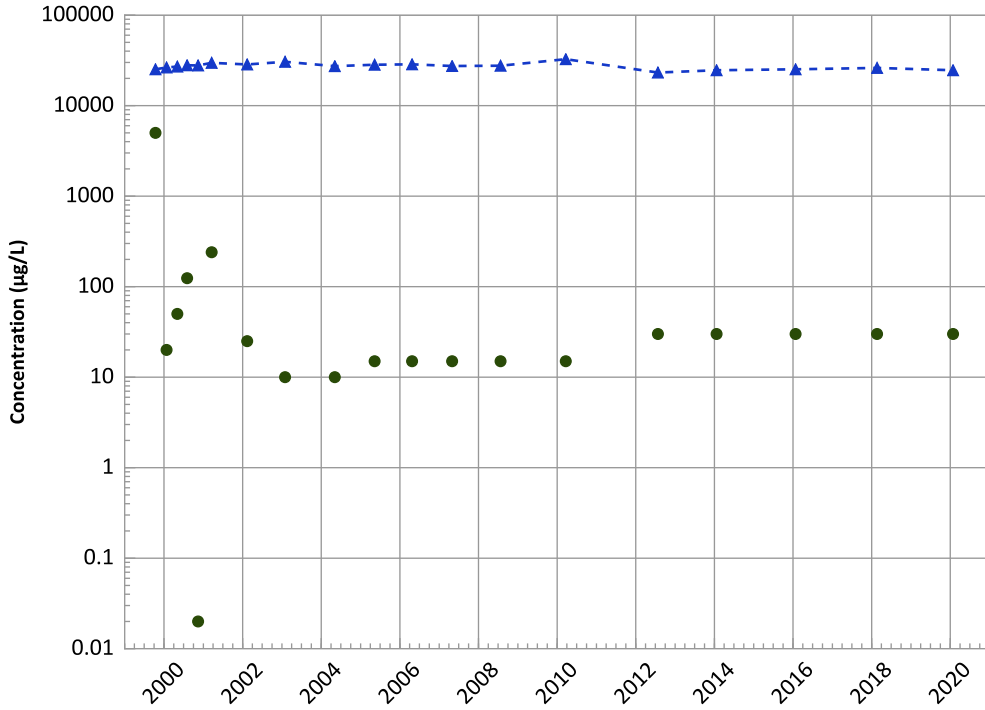
2018 - 2020 Data:

Stable

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

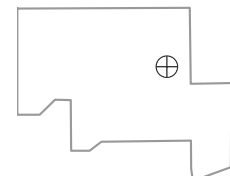
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

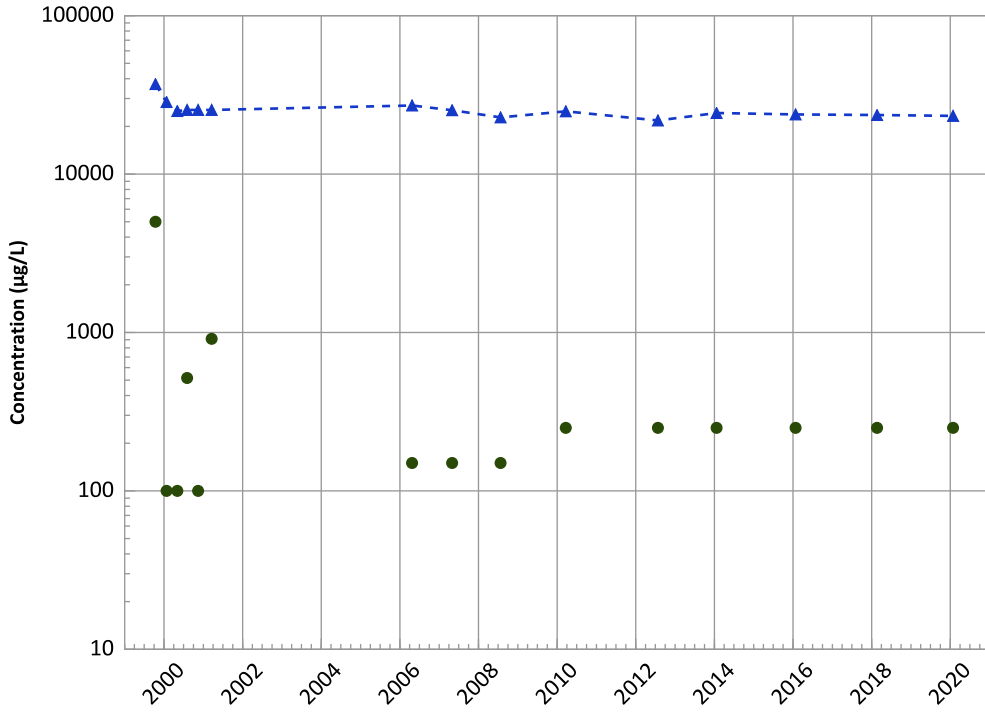
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

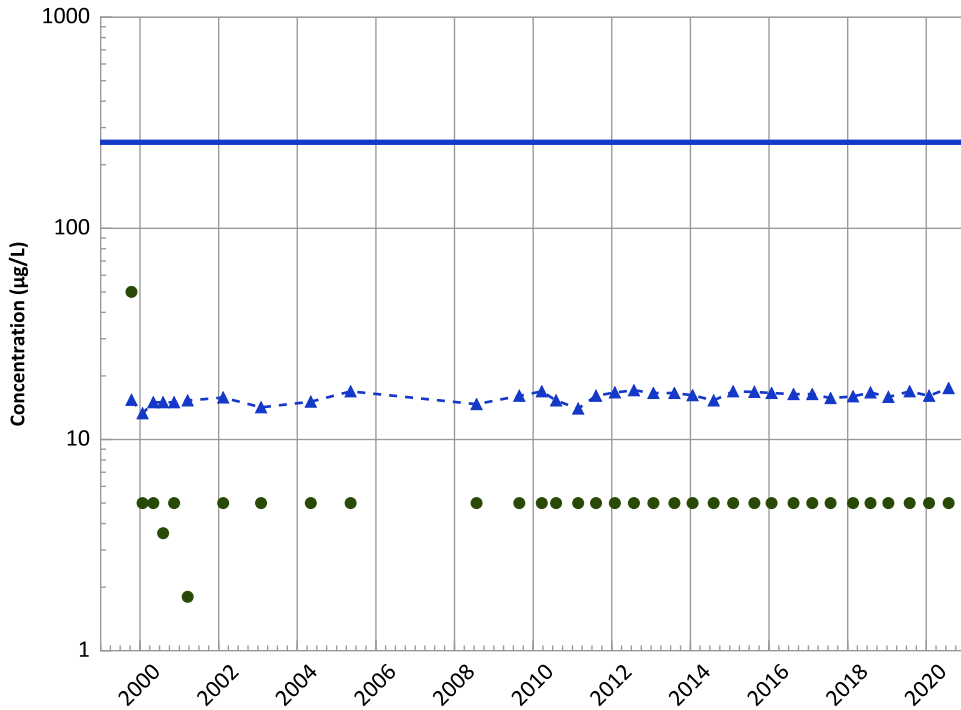
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

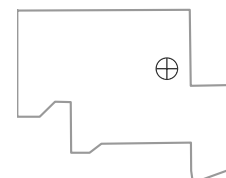
All Data:

Increasing

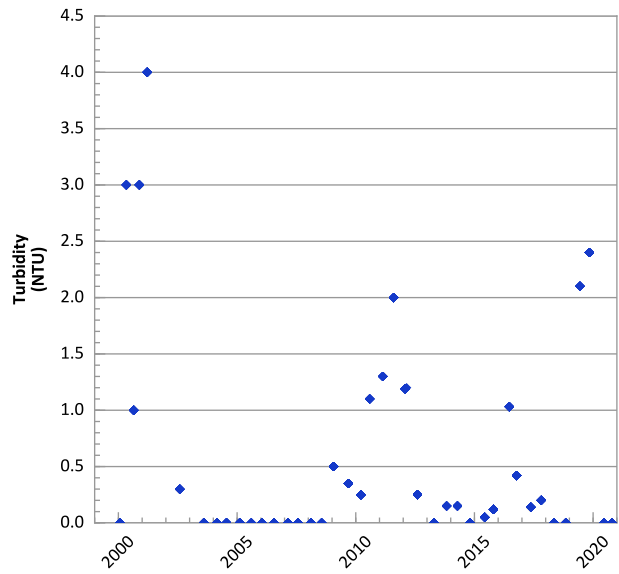
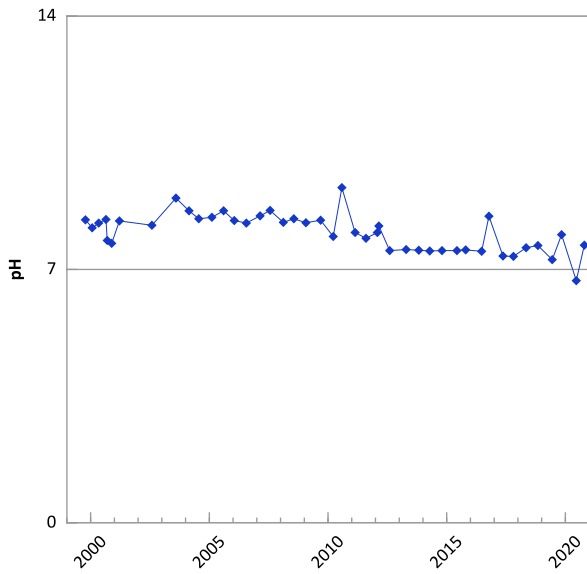
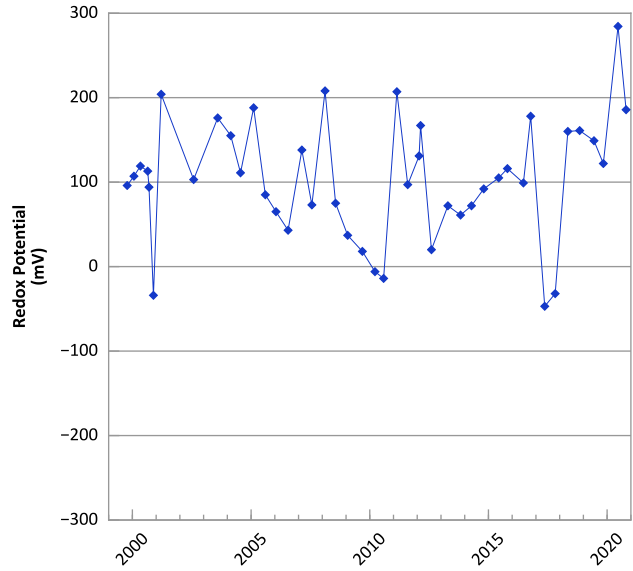
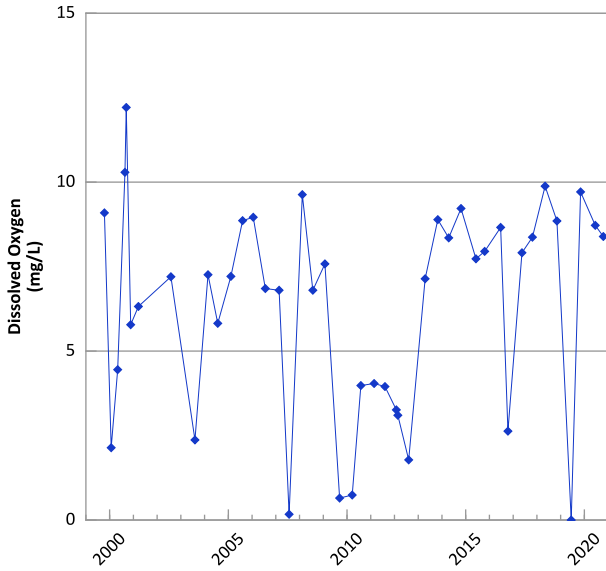
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/1999 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

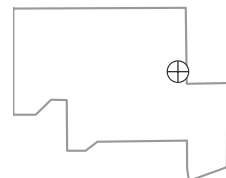


**PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



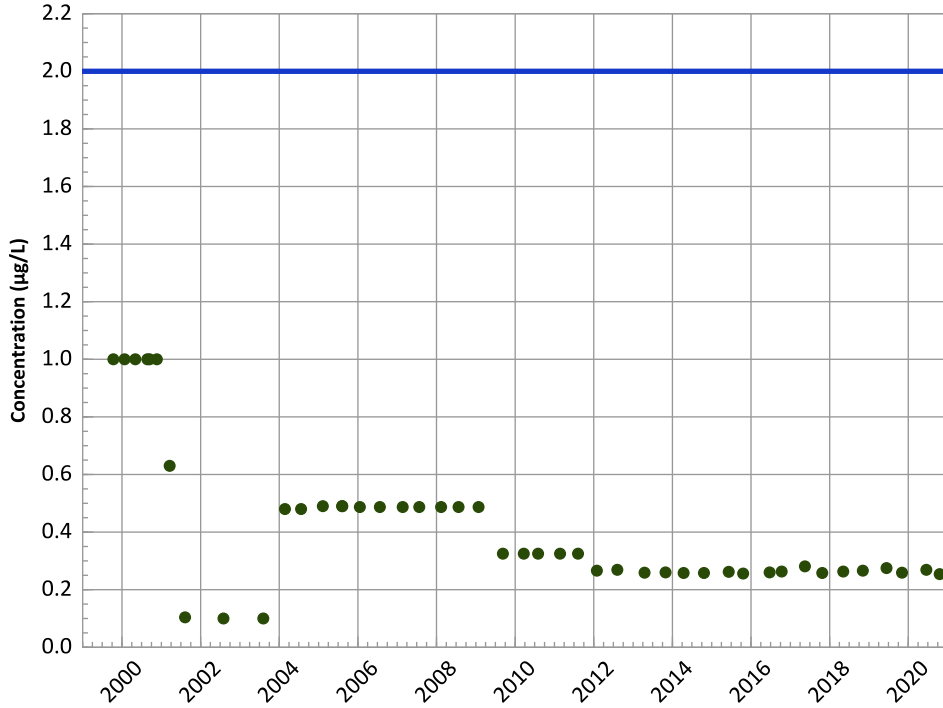
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

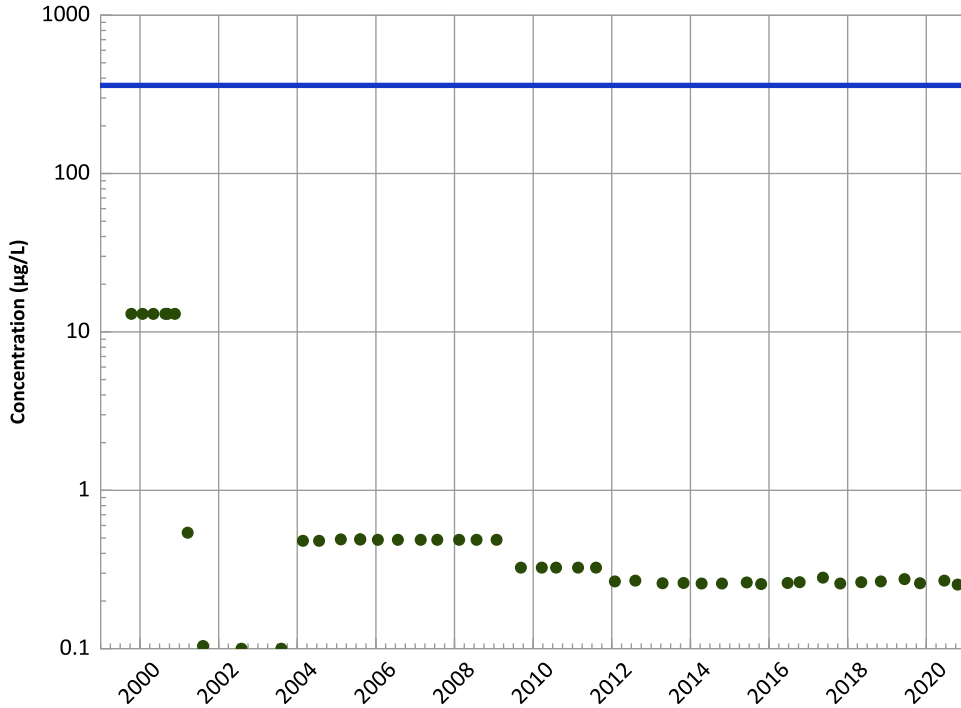
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

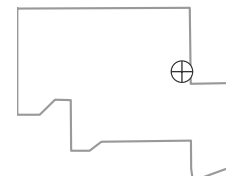
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

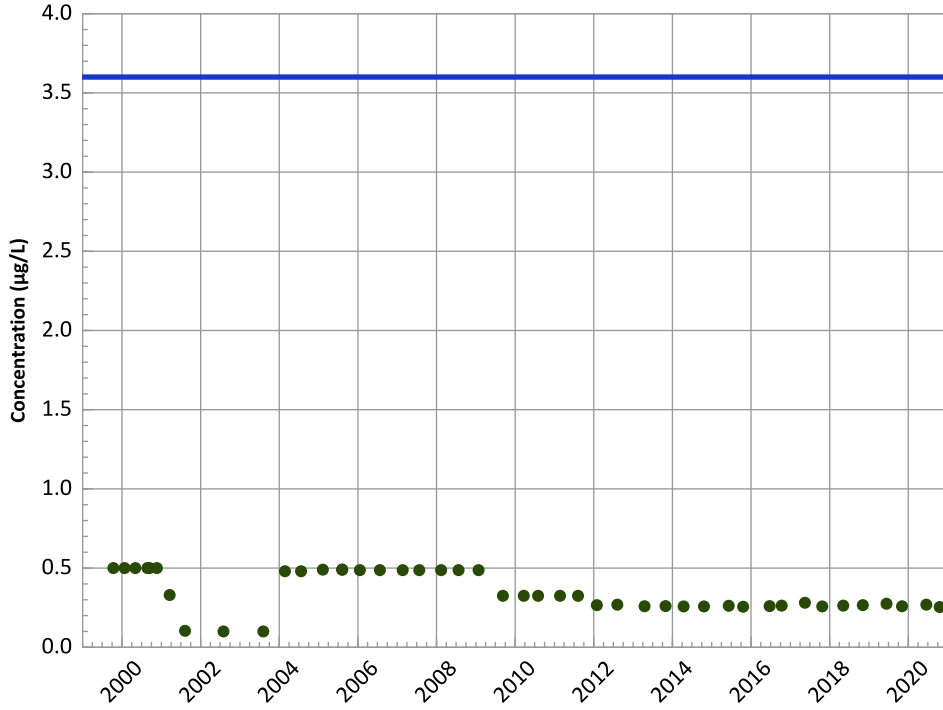
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

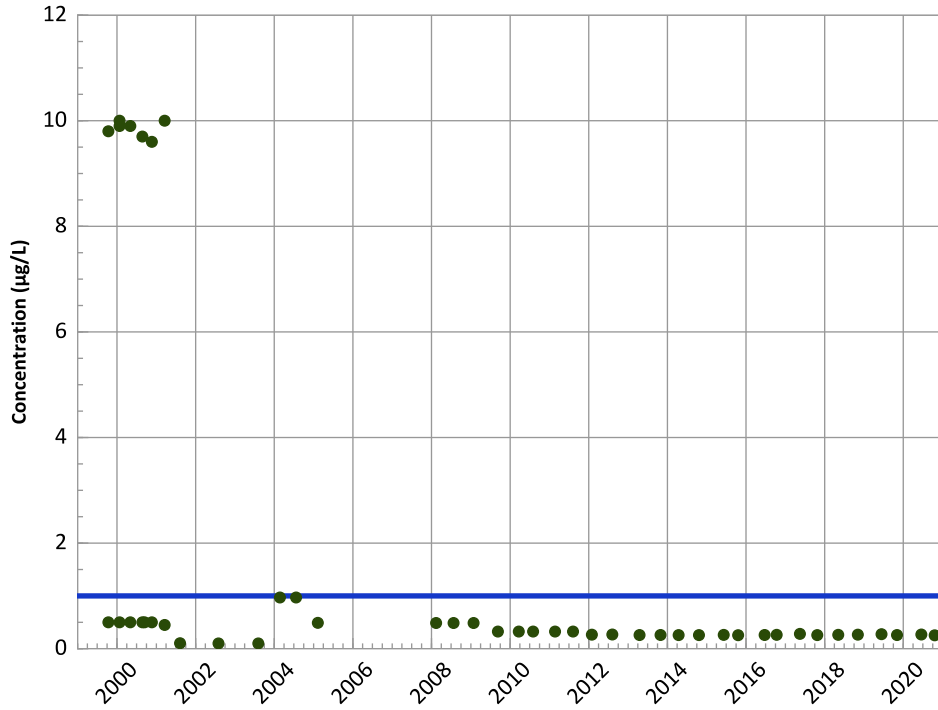
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

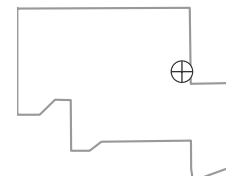
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

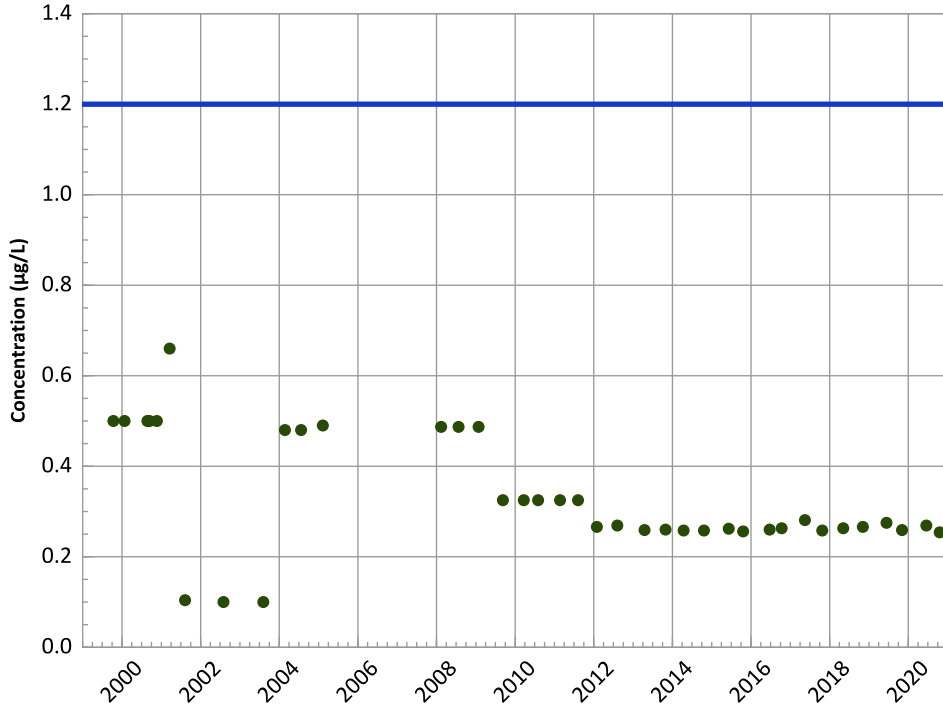
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

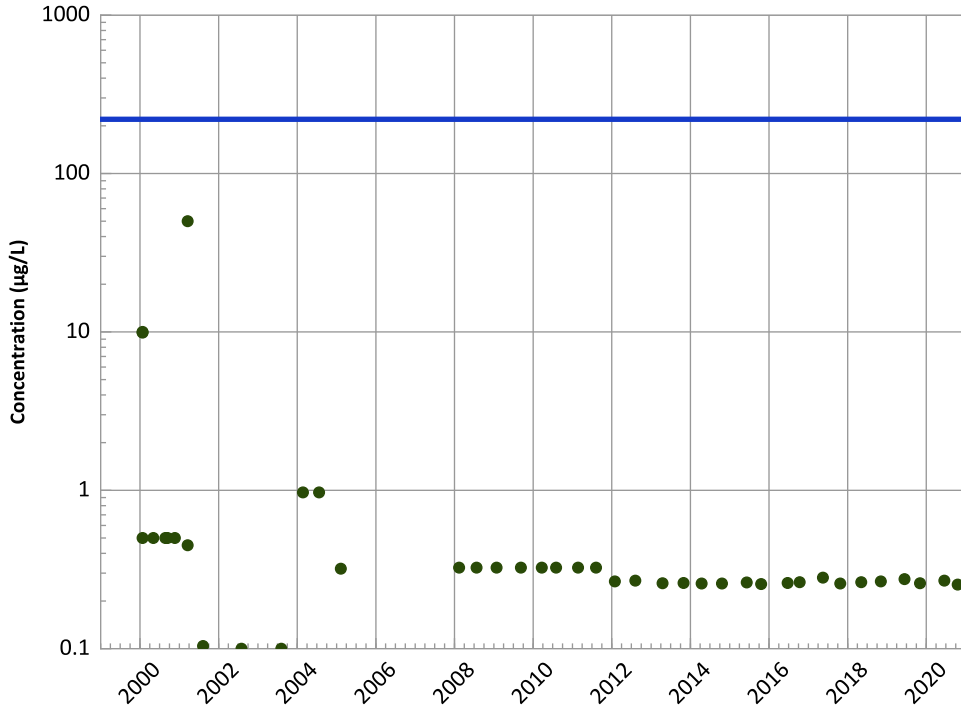
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

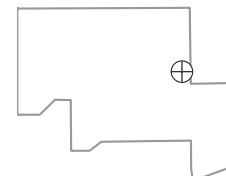
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

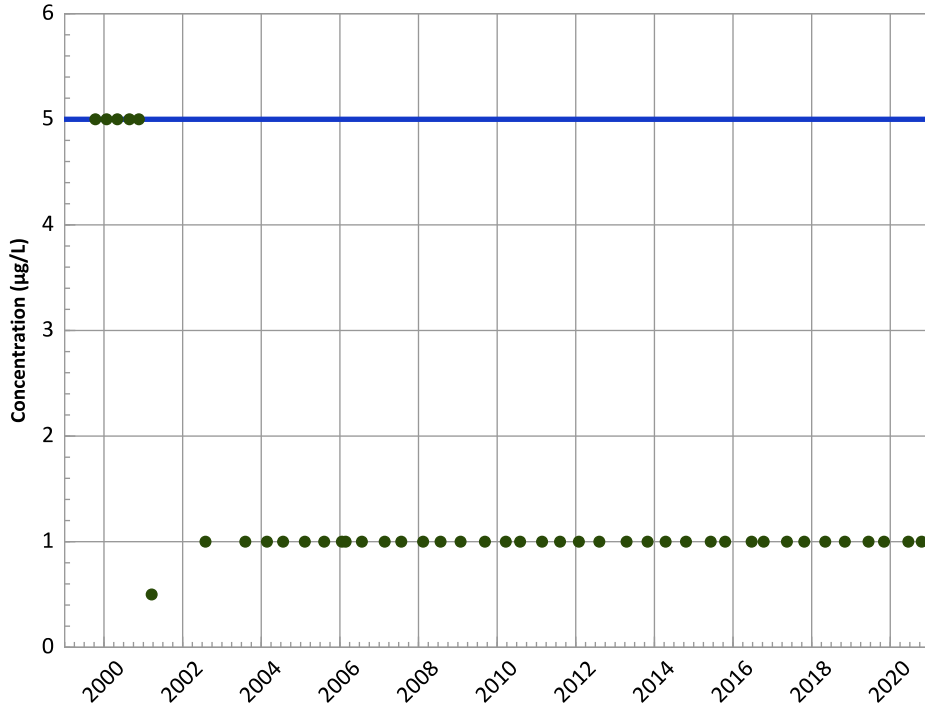
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

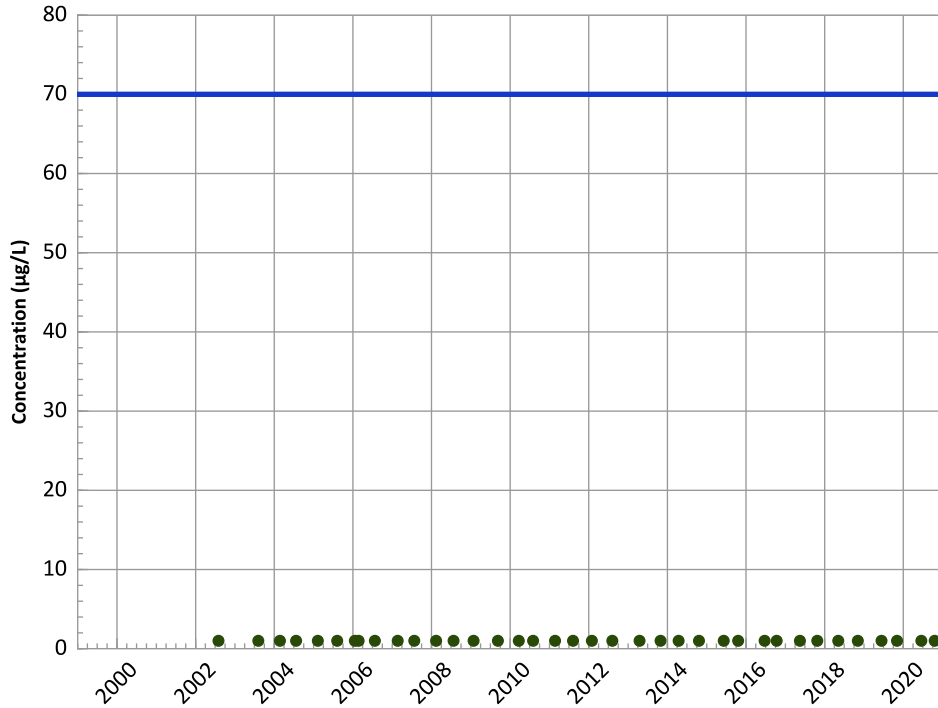
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

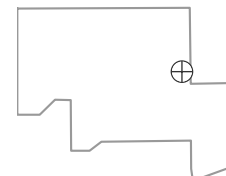
All Data:

All Non-Detect

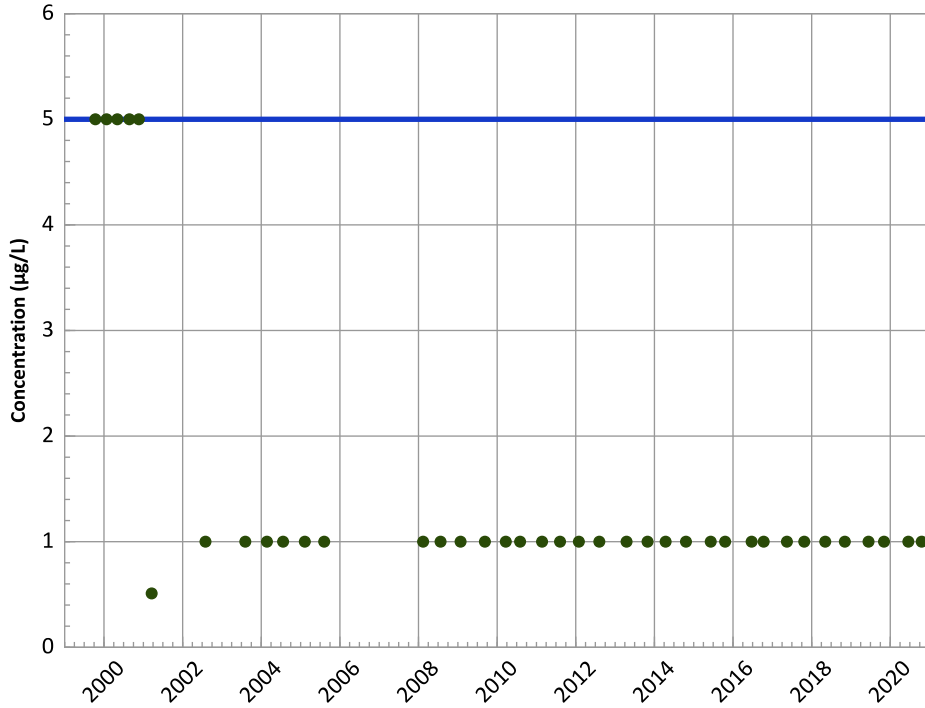
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

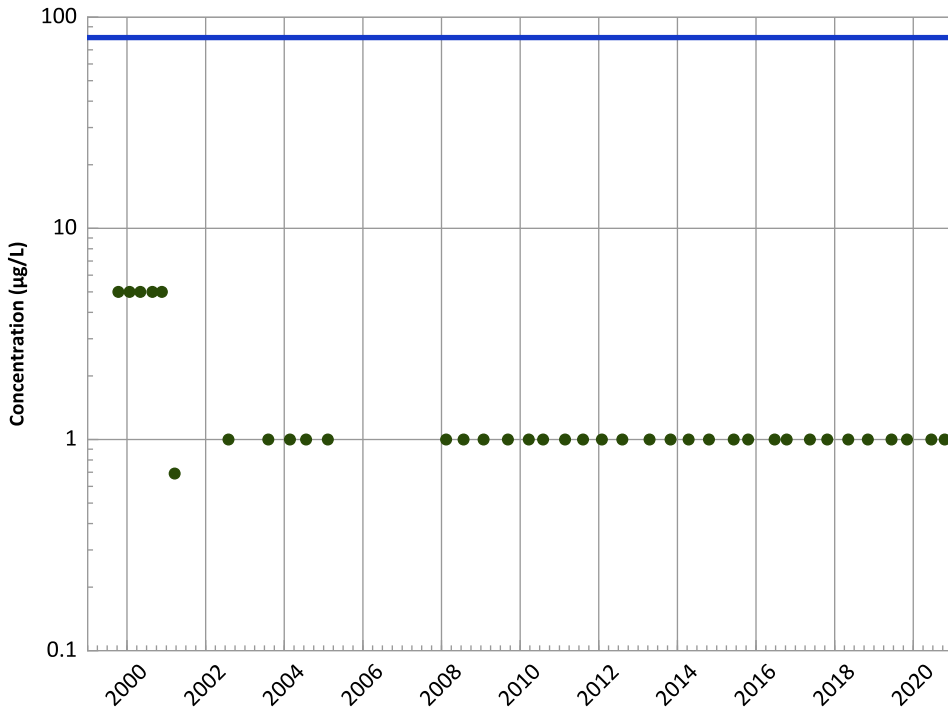
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

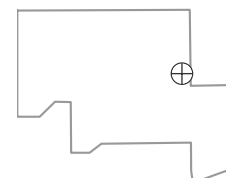
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

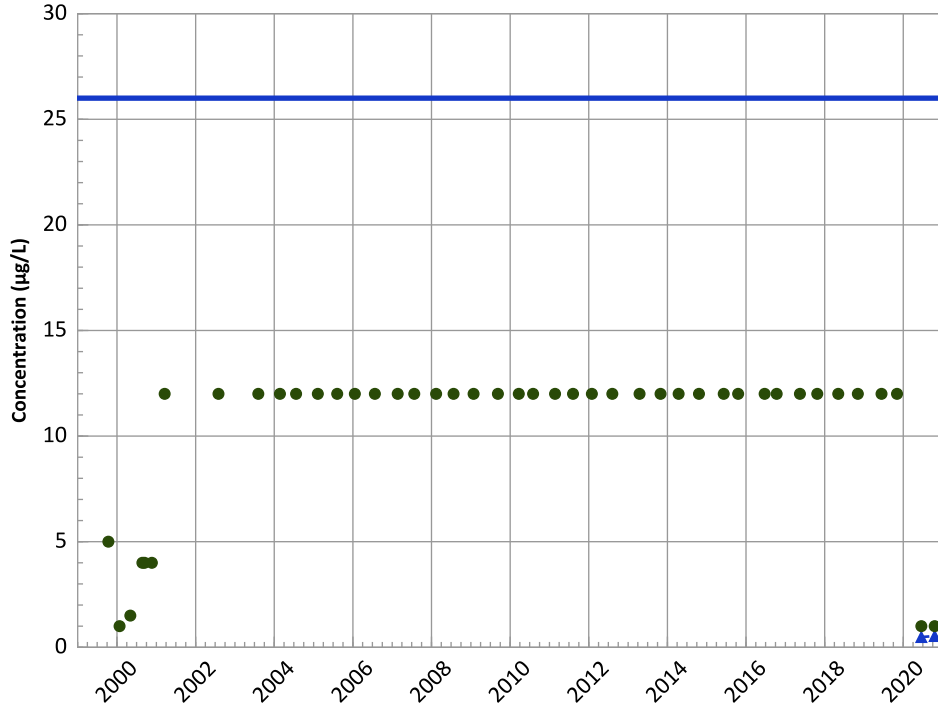


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

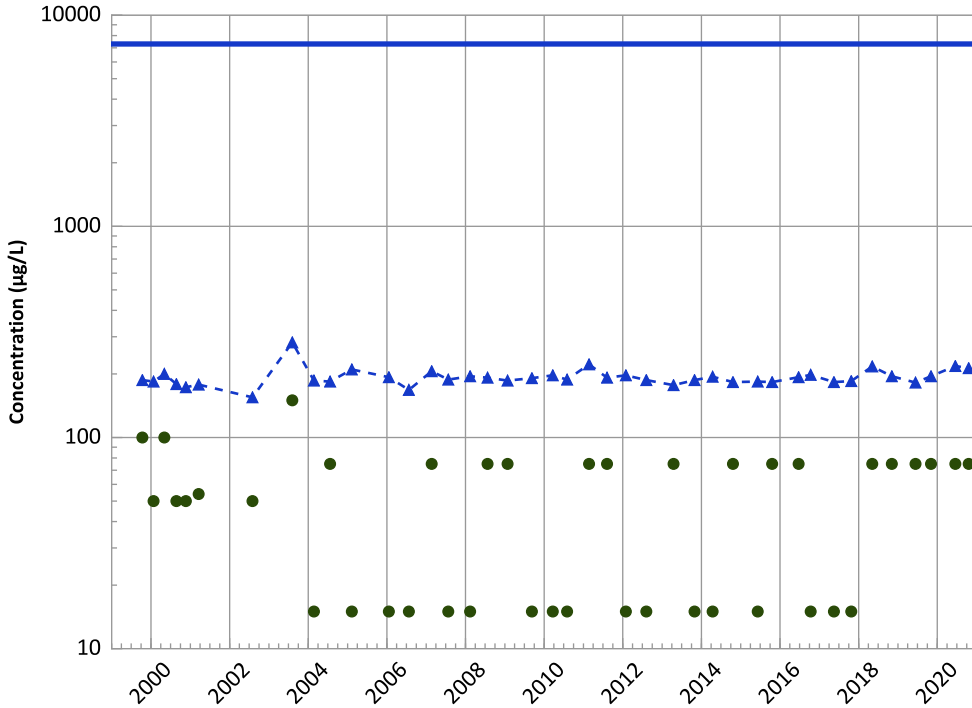
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

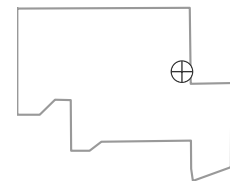
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Well Location

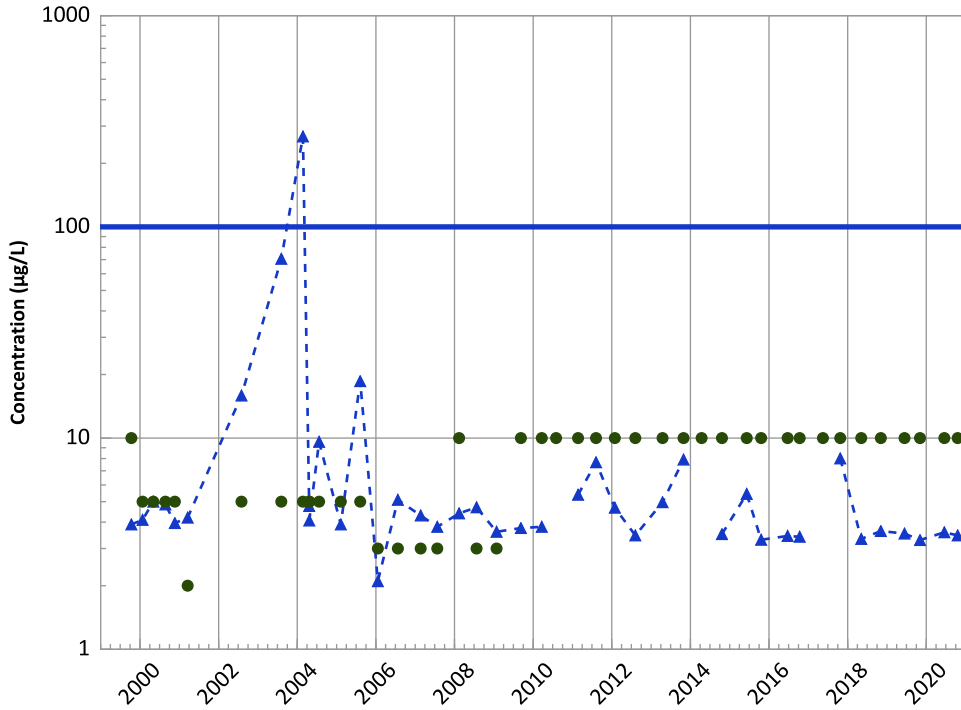


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

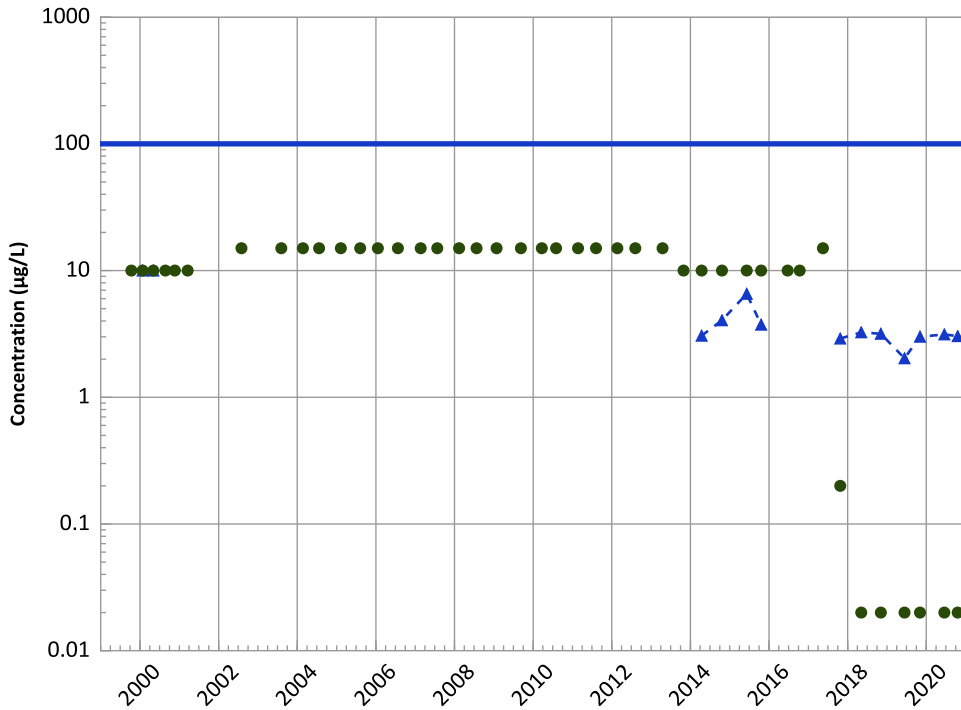
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

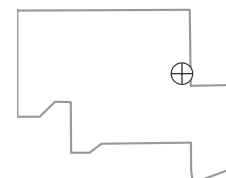
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Well Location

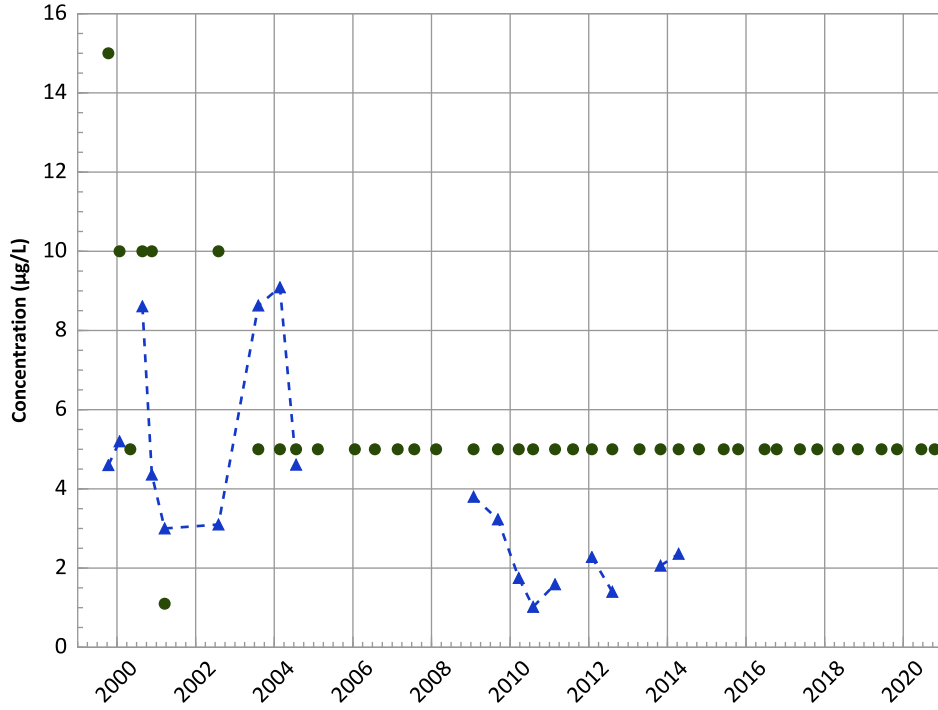


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

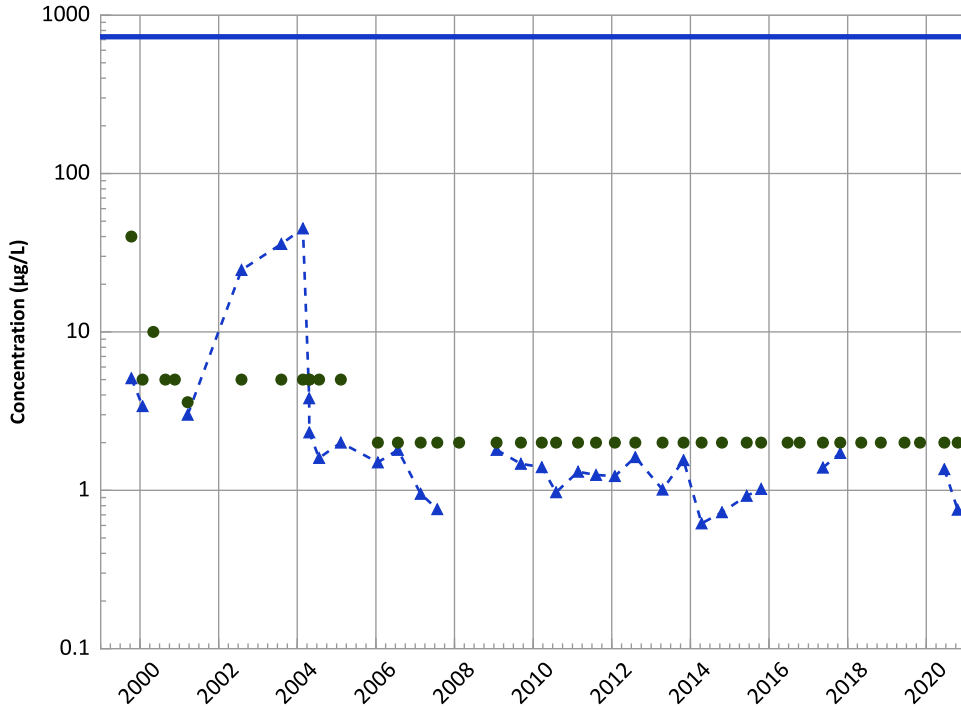
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

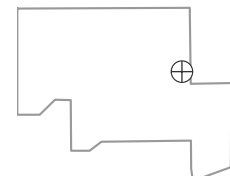
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Well Location

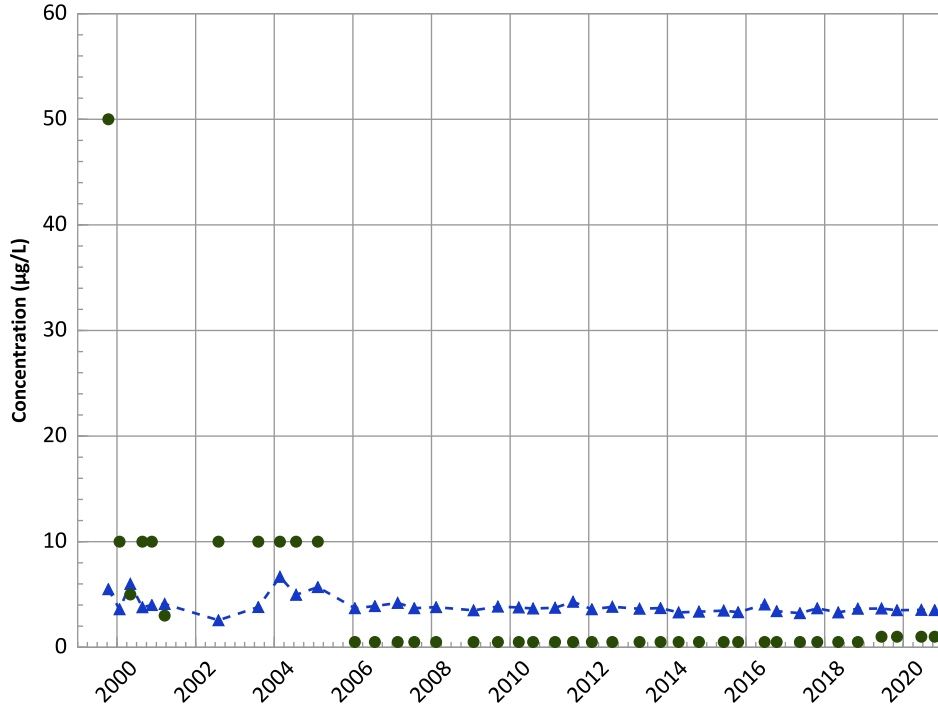


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

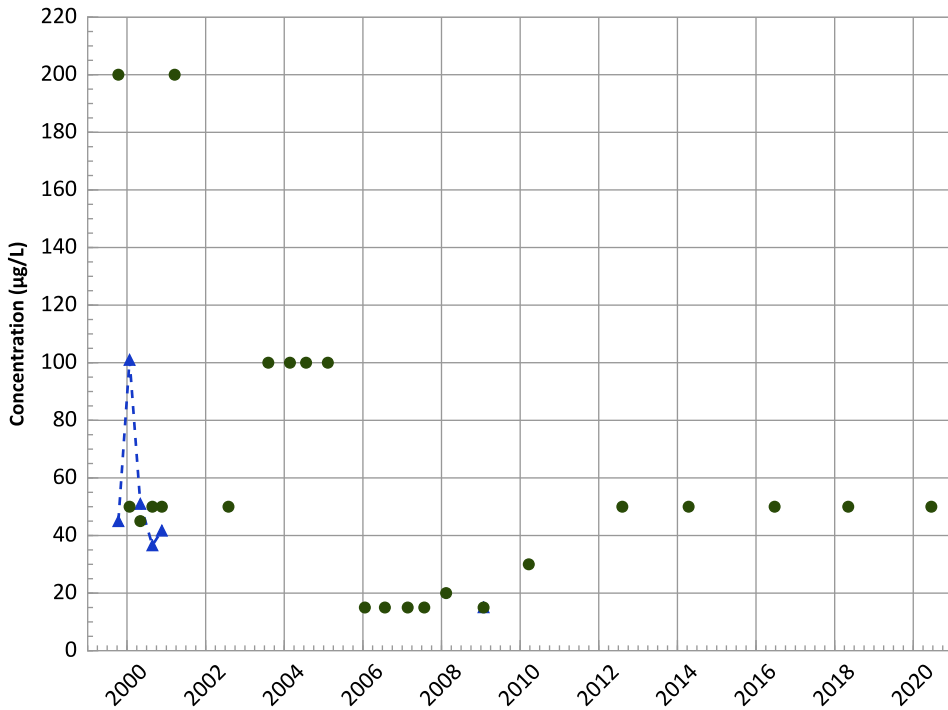
2018 - 2020 Data:

Stable

All Data:

Decreasing

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

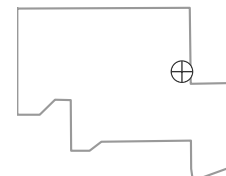
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

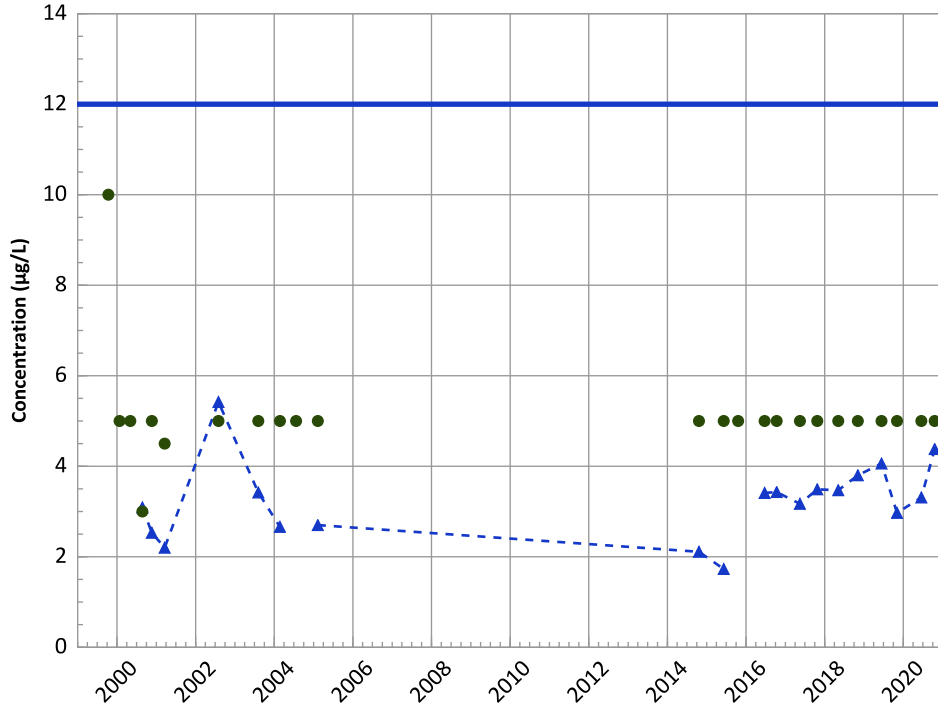
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

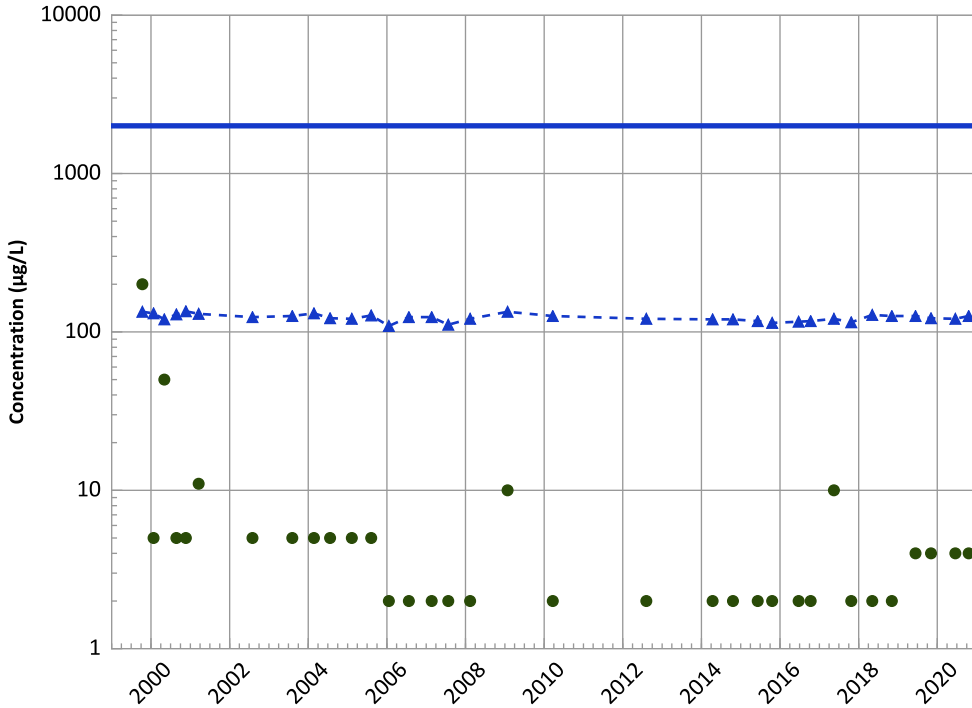
2018 - 2020 Data:

No Trend

All Data:

No Trend

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Decreasing

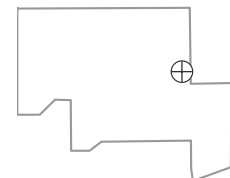
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

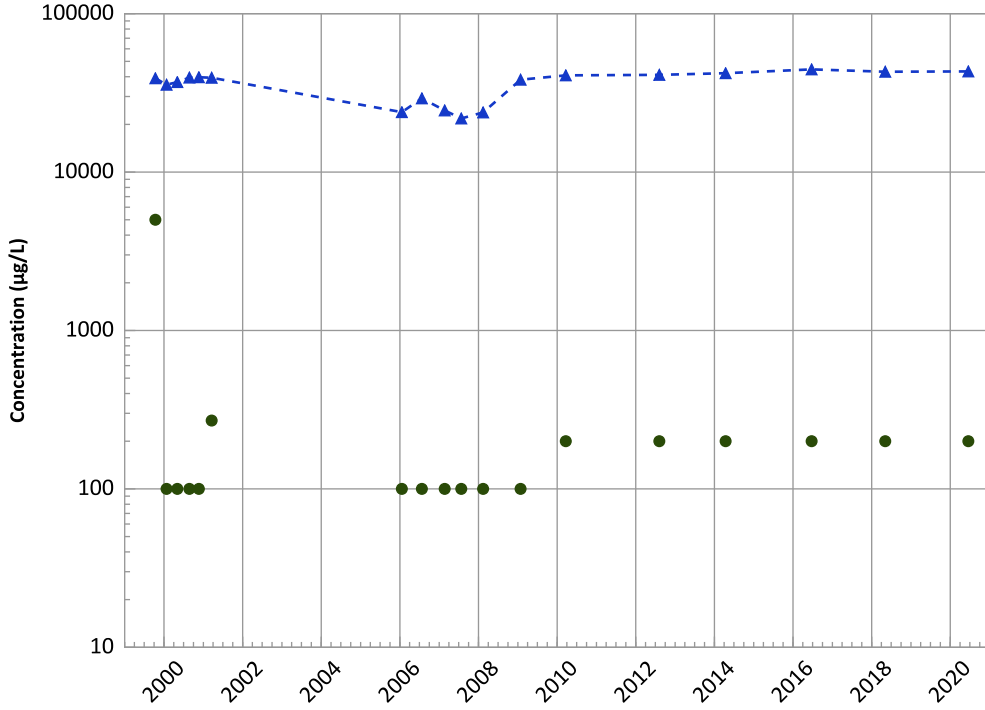
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

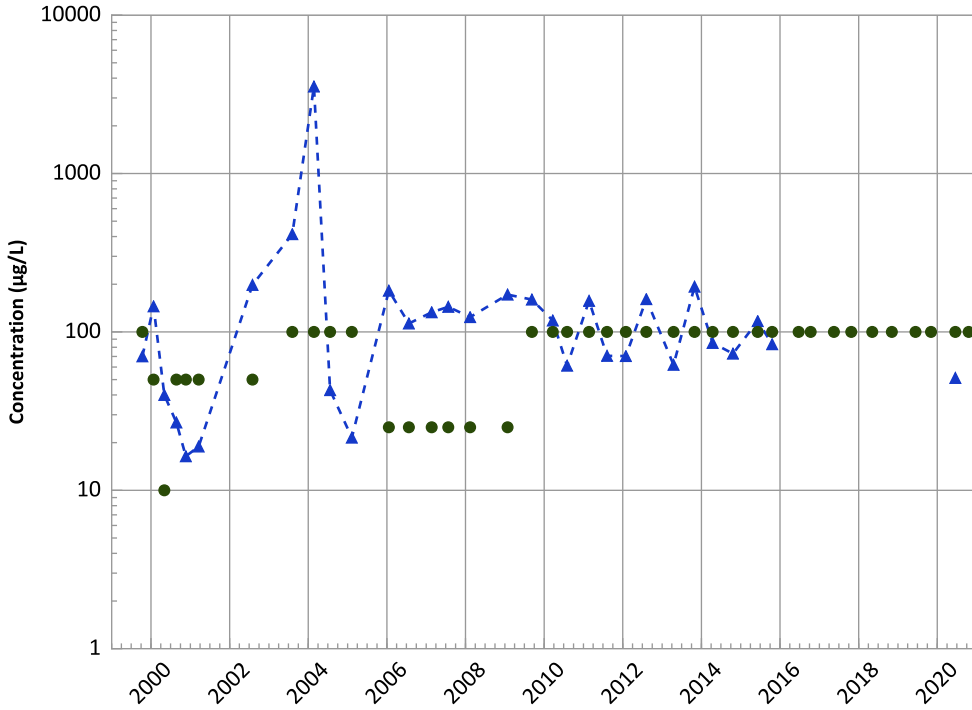
2018 - 2020 Data:

No Trend

All Data:

No Trend

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

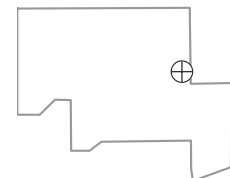
2018 - 2020 Data:

Decreasing

All Data:

No Trend

Well Location

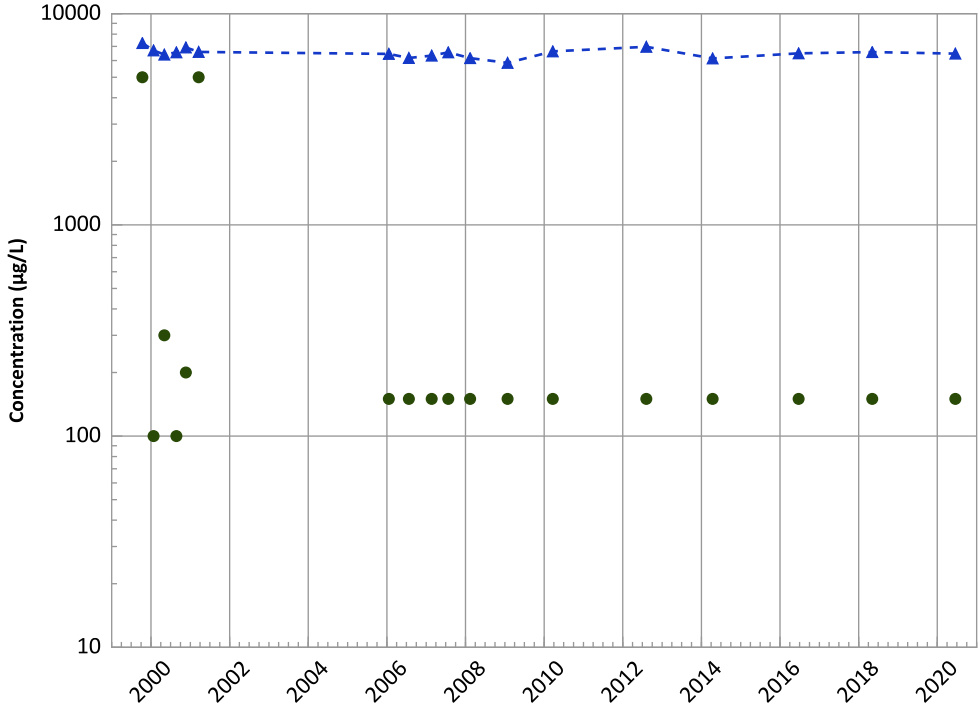


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

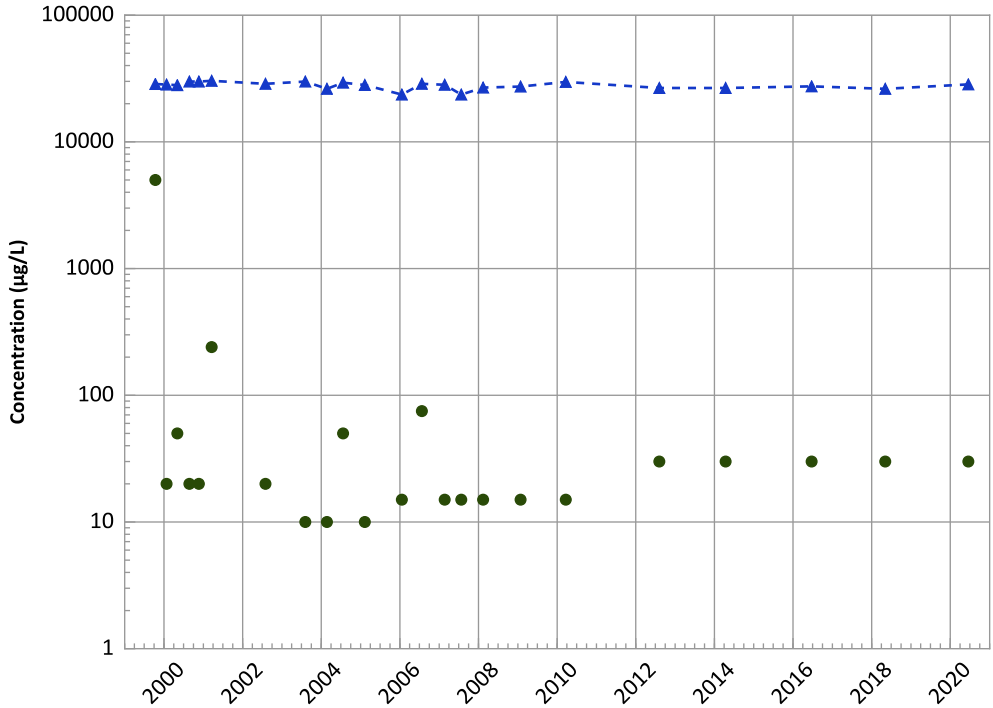
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

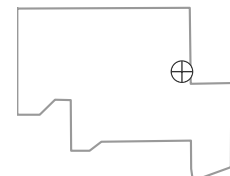
All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

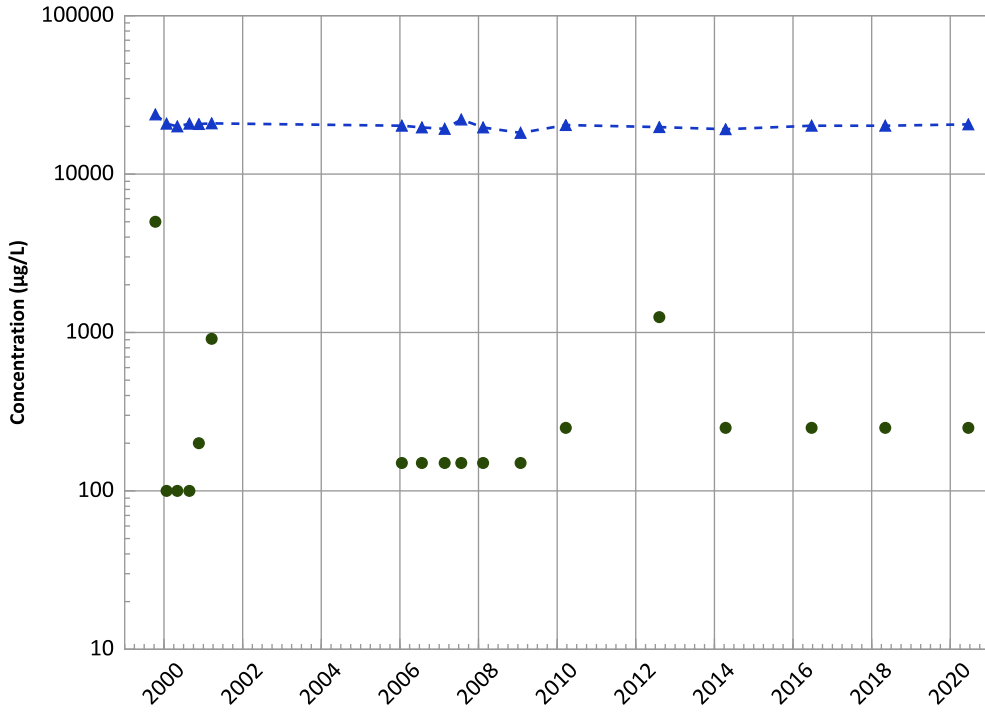
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

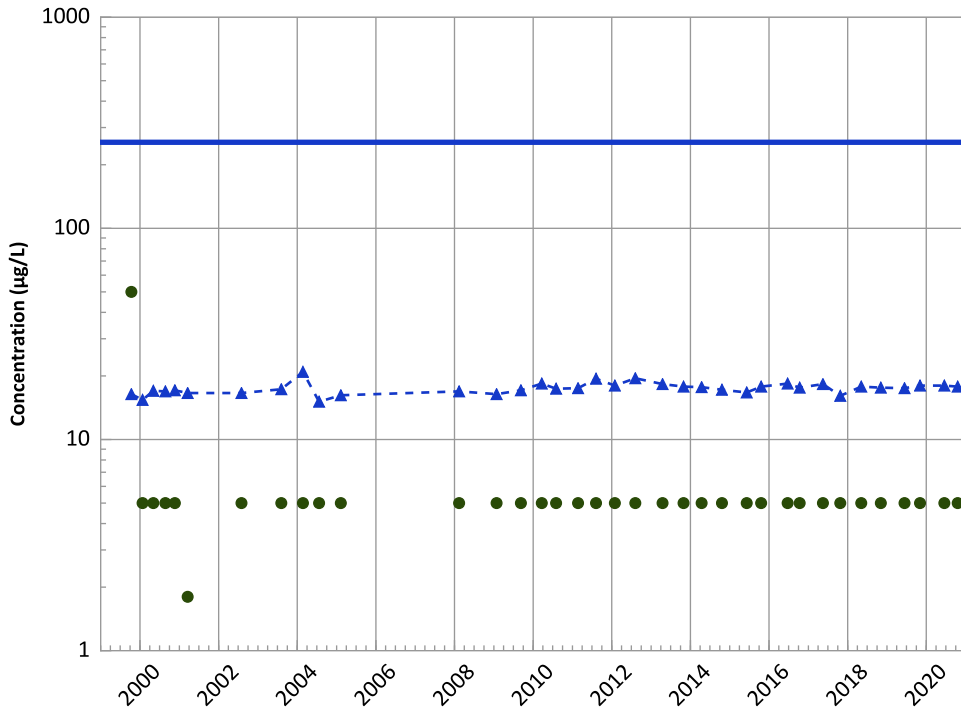
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

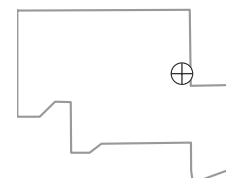
All Data:

Increasing

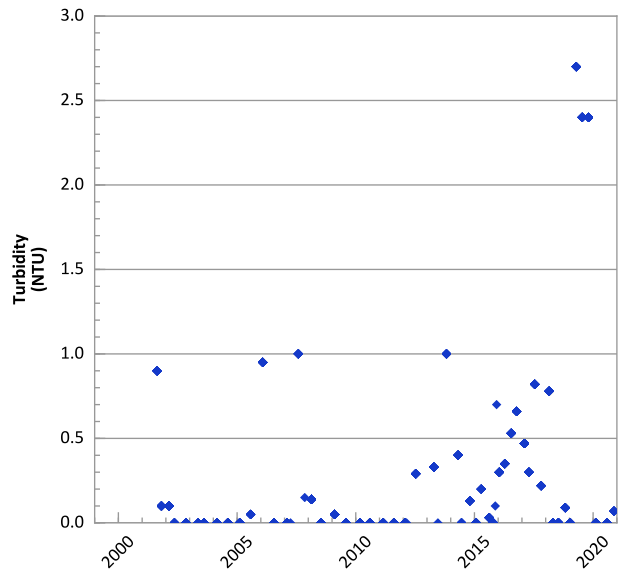
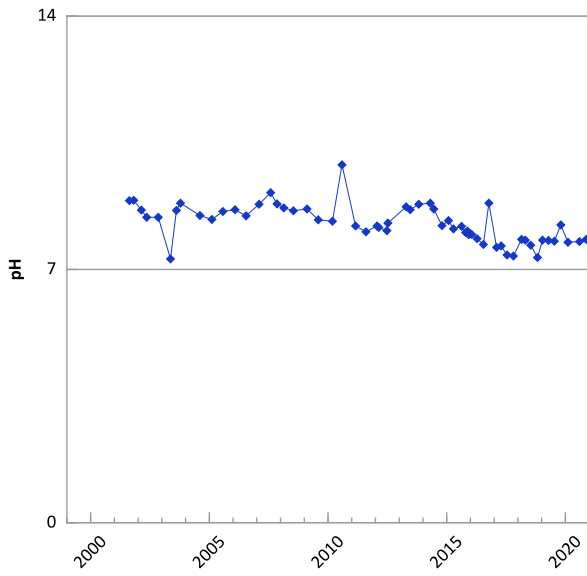
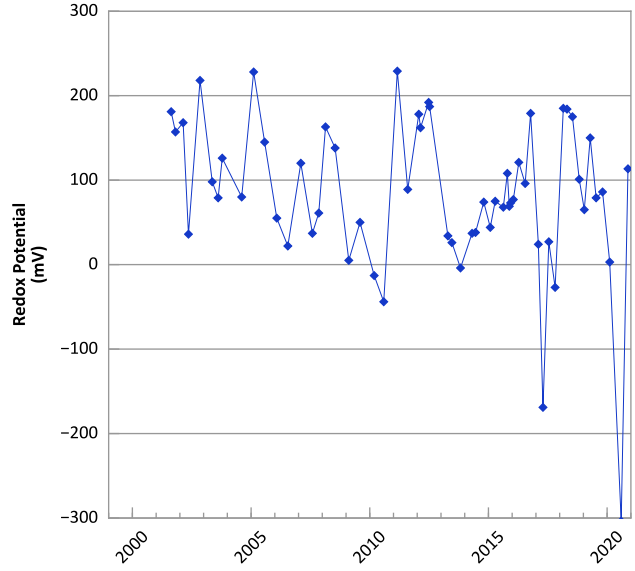
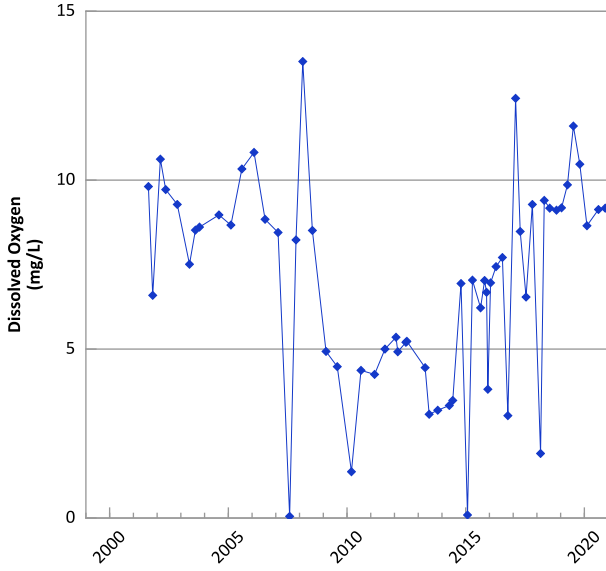
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/13/1999 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

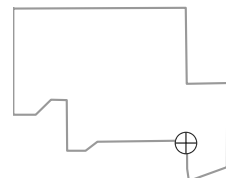


**PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



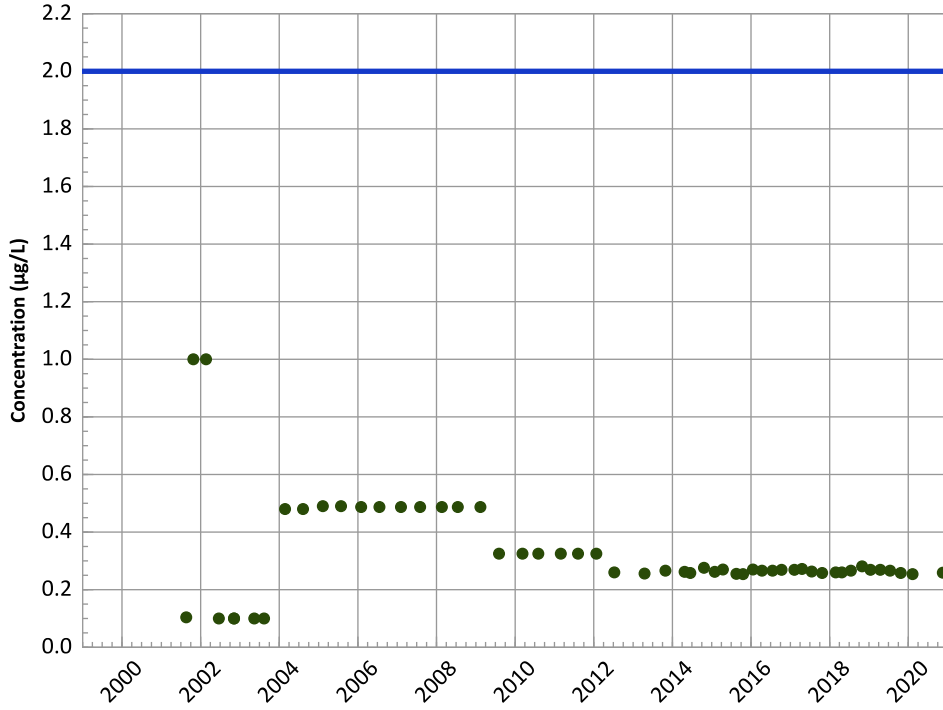
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

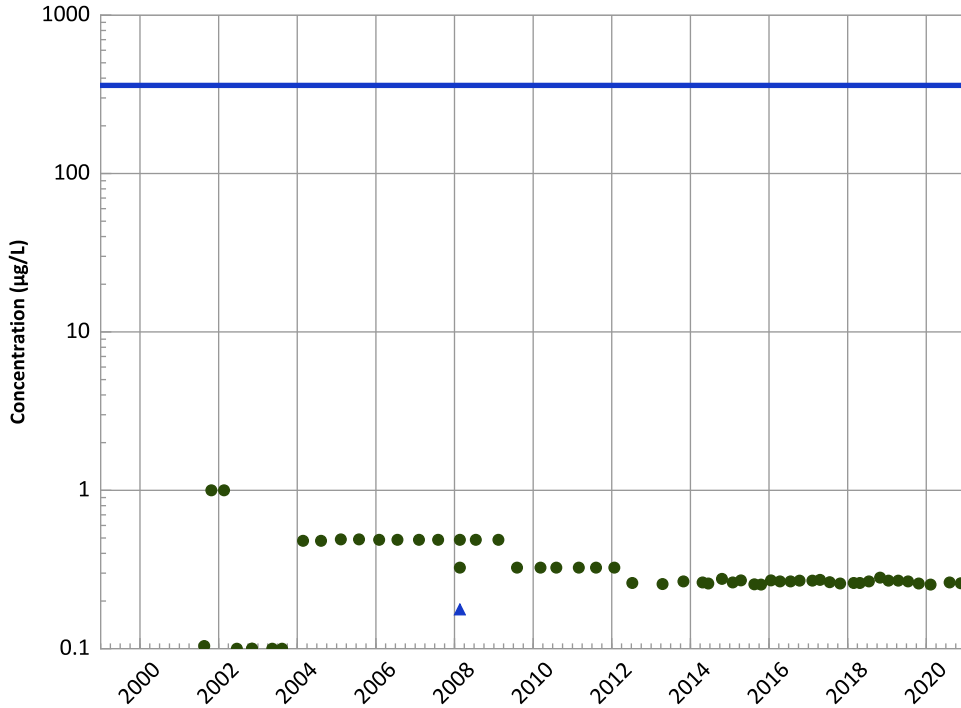
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

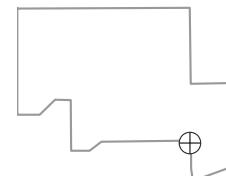
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

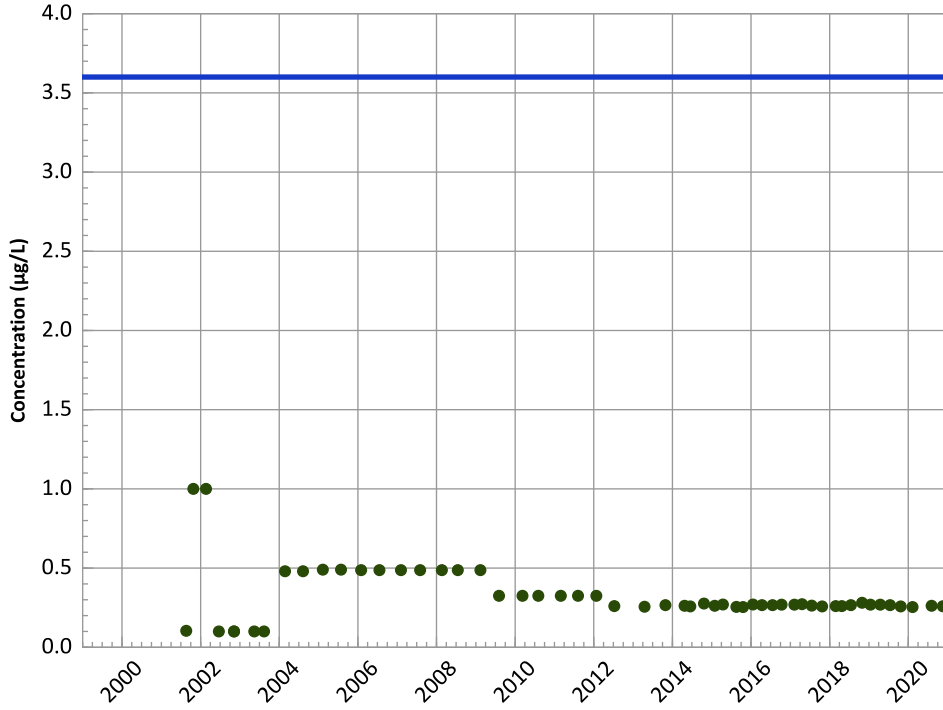
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

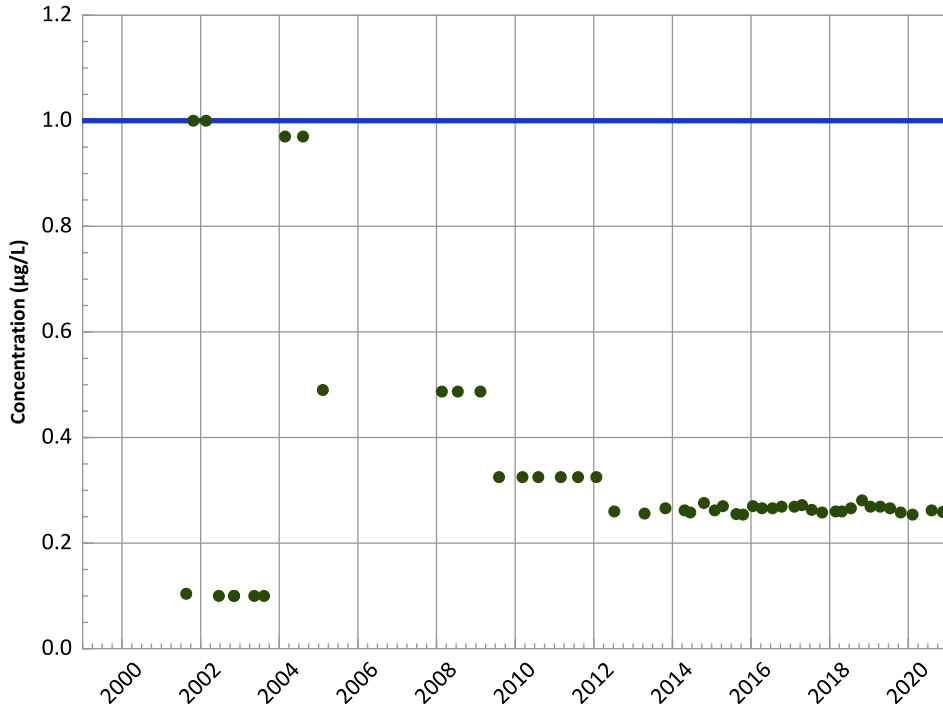
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

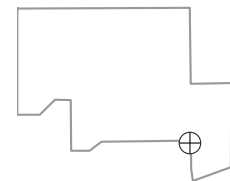
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

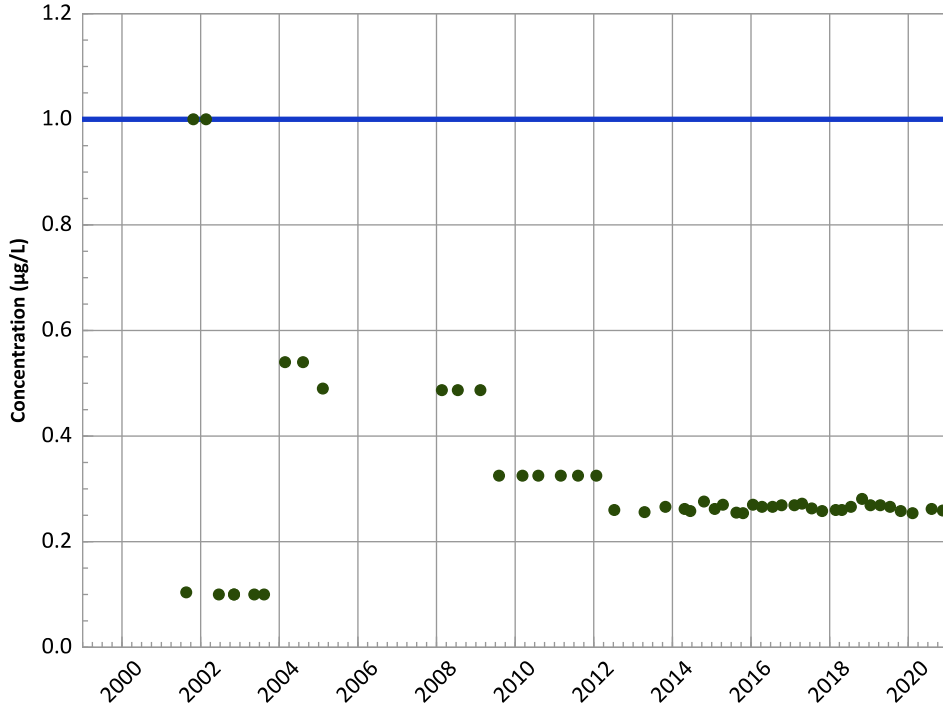
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

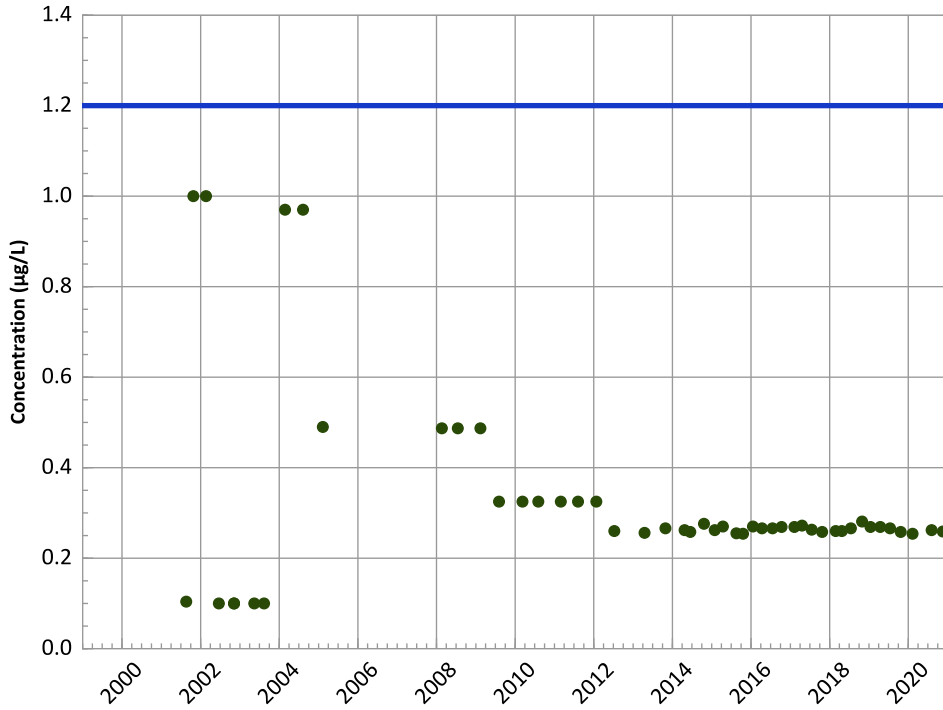
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

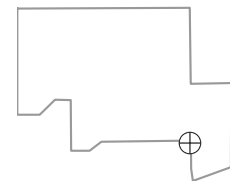
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

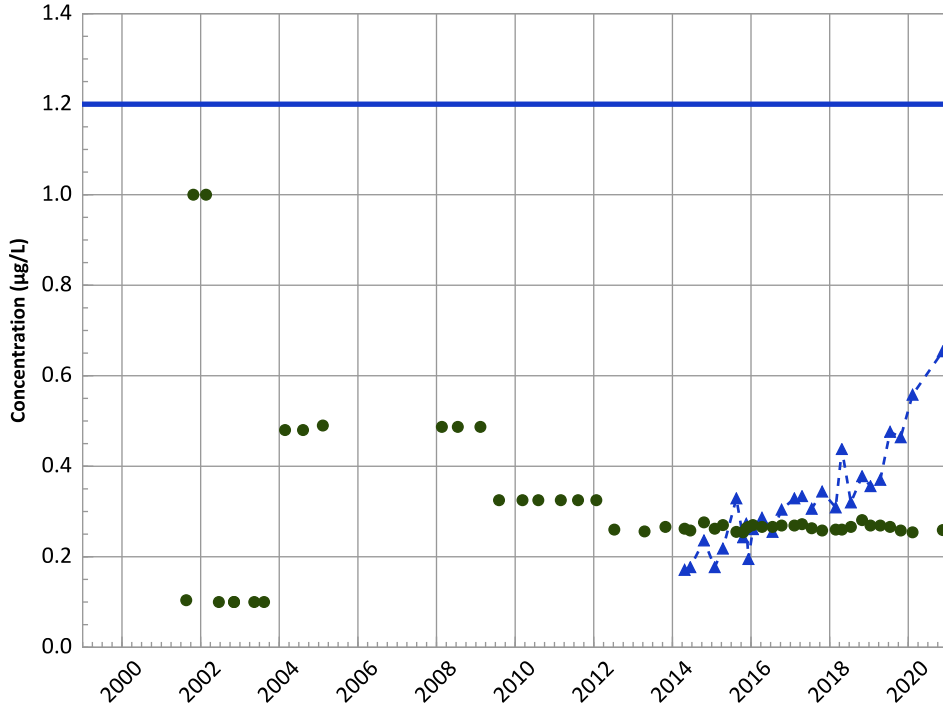


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

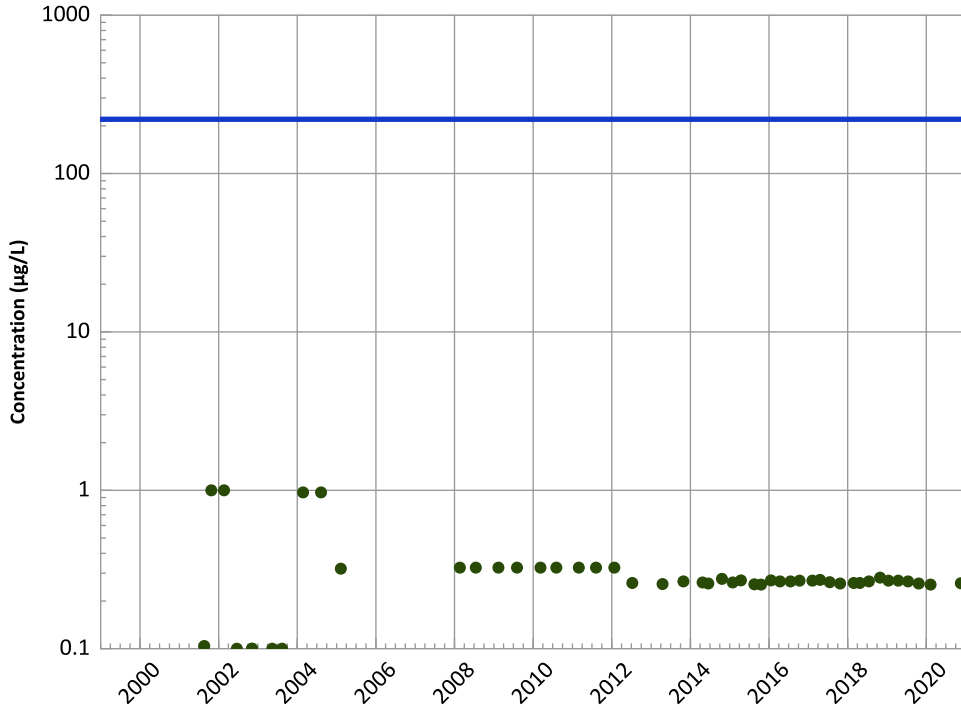
2018 - 2020 Data:

Increasing

All Data:

Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

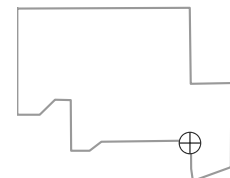
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

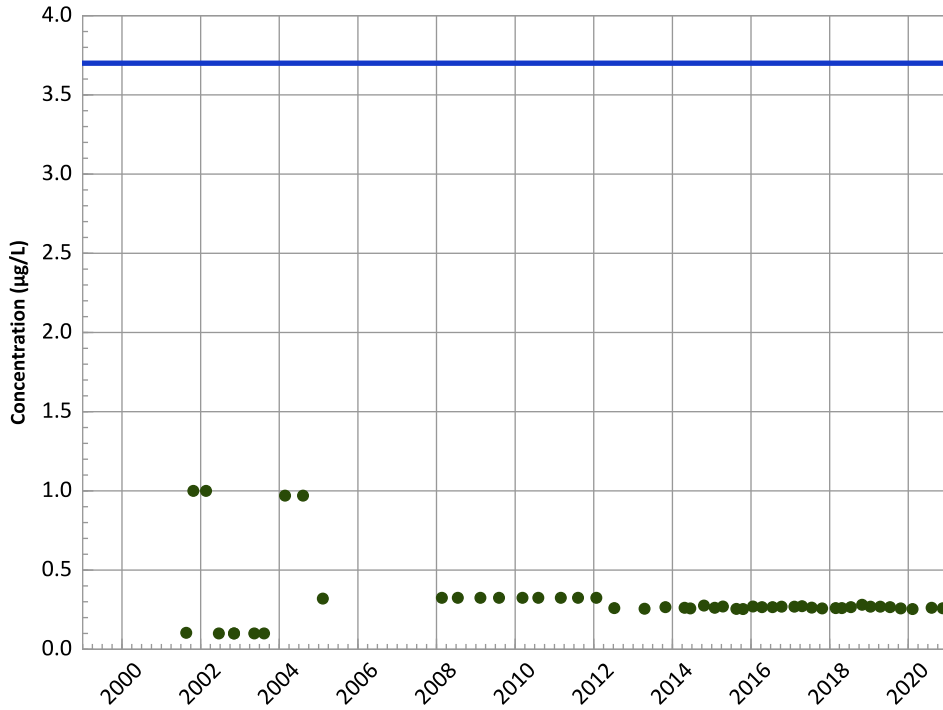
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

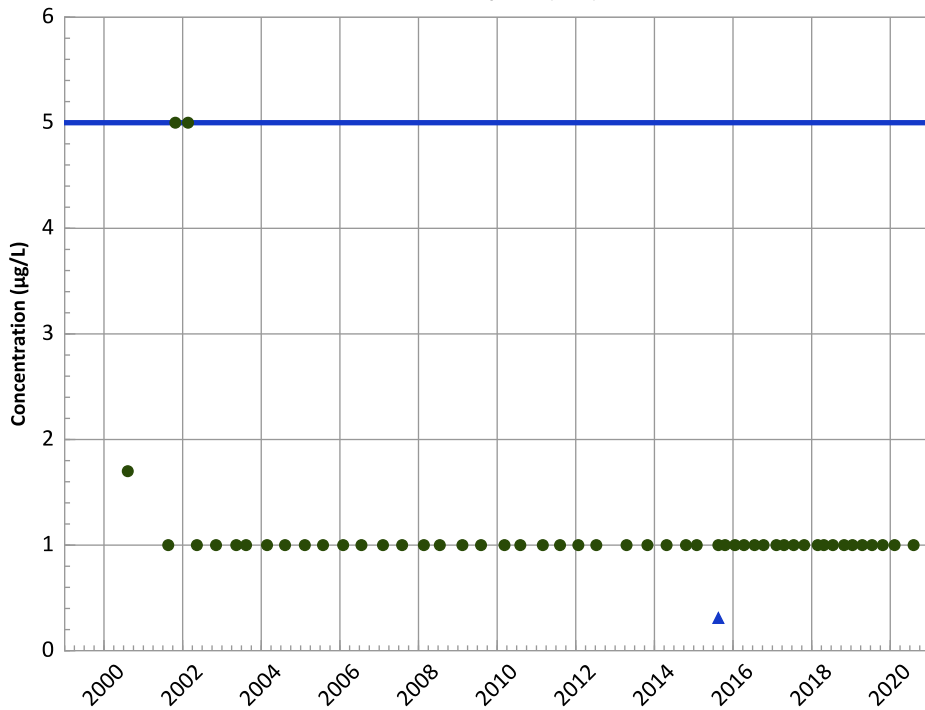
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

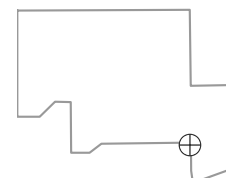
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

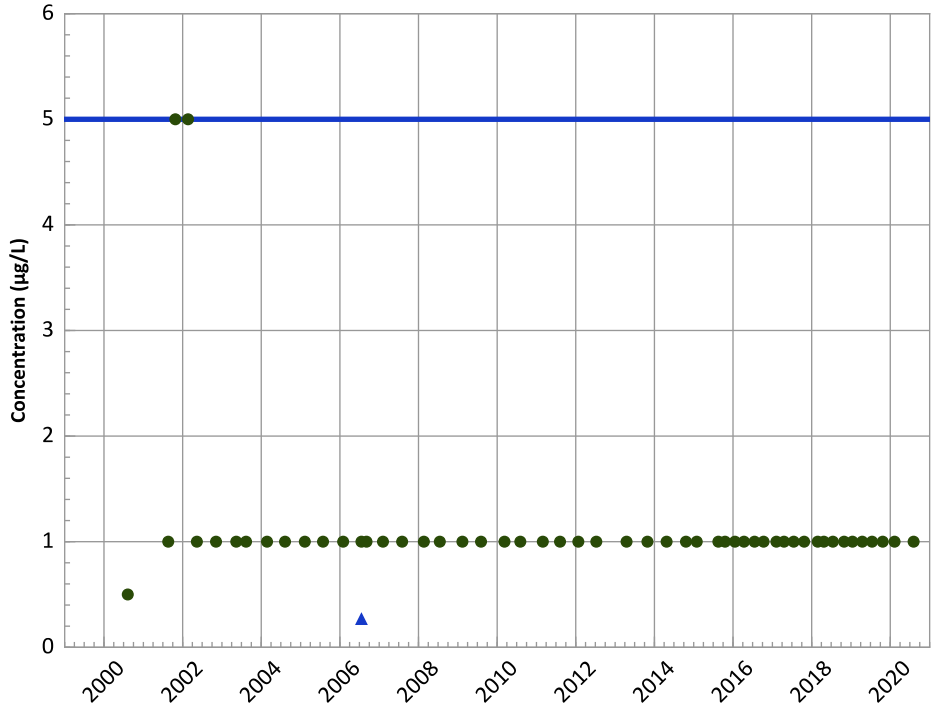


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

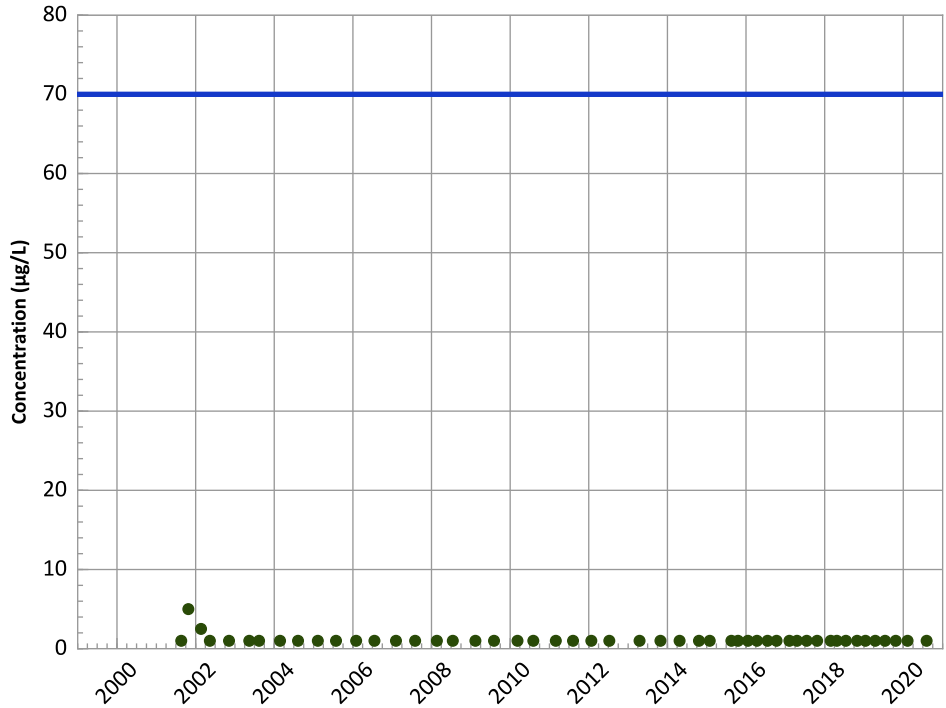


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

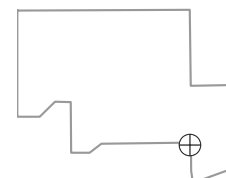
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

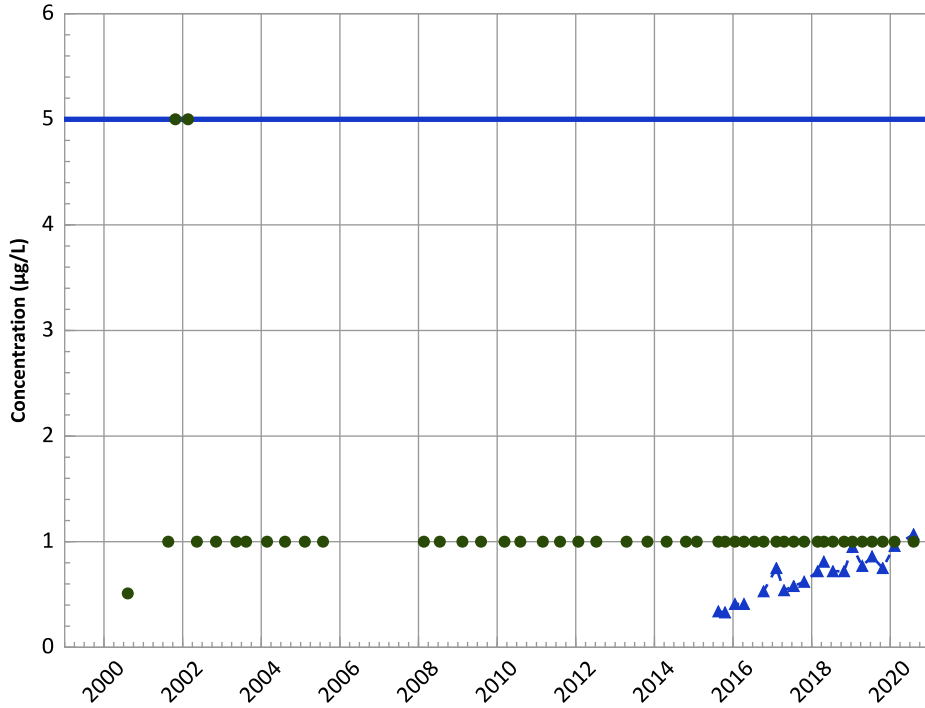
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ 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**

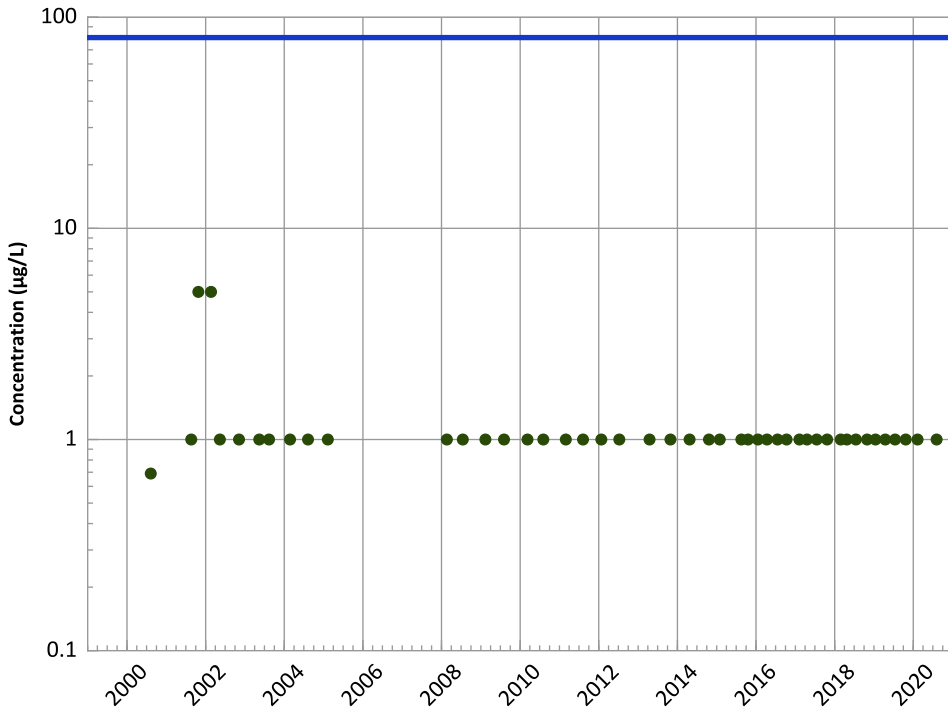


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Increasing

Chloroform Trend

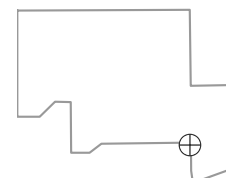


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

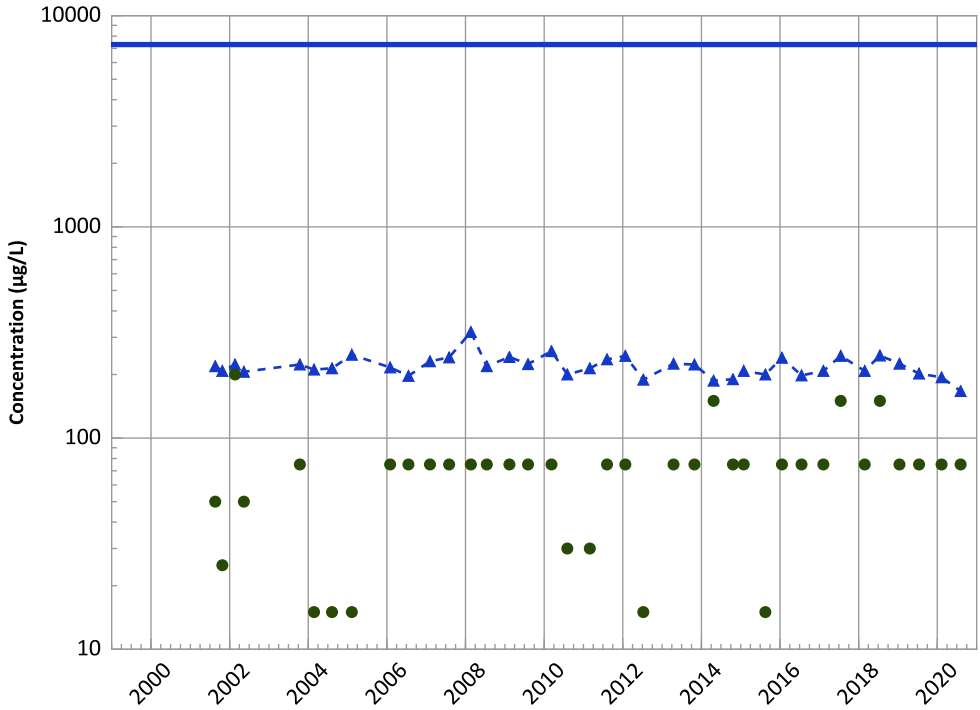
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing

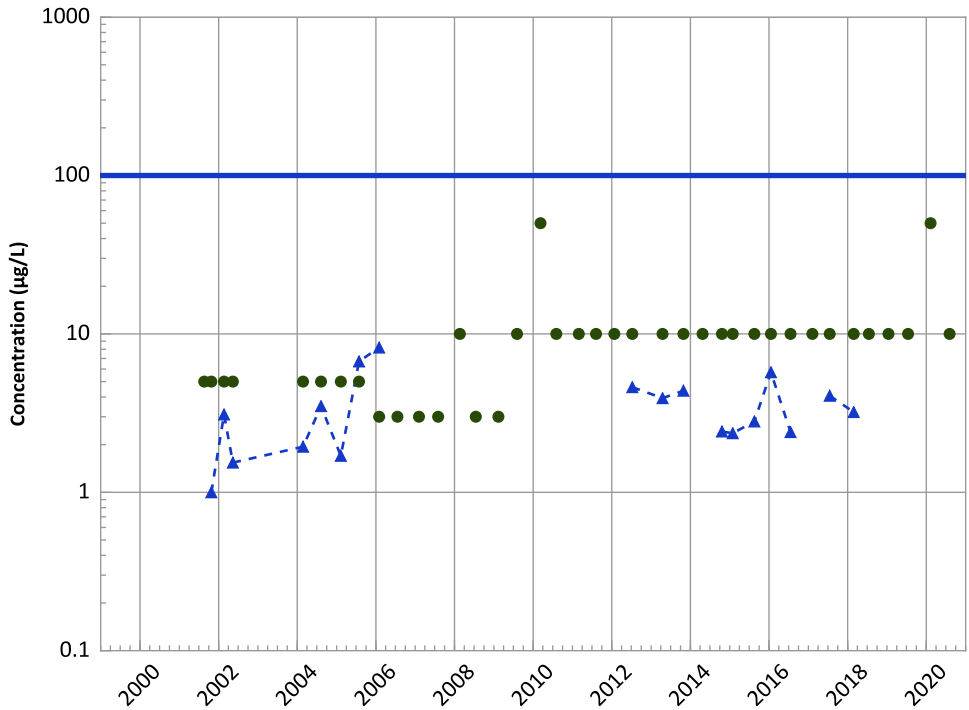
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

All Data:
Probably Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
Increasing

MAROS Linear Regression Method

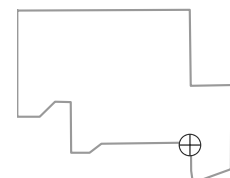
2018 - 2020 Data:
Stable

All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

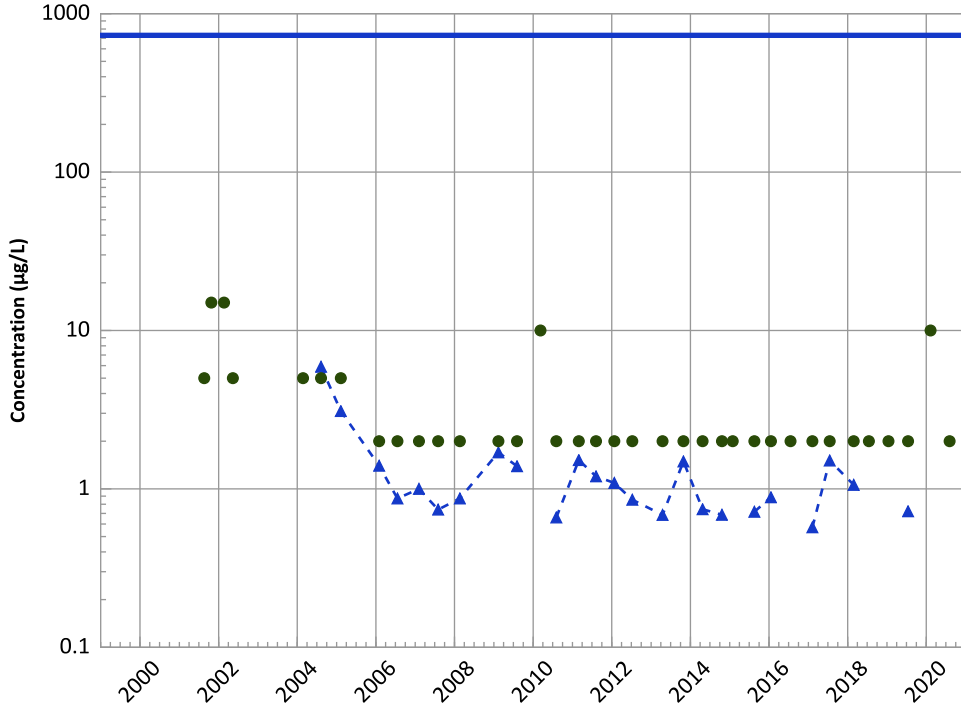
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

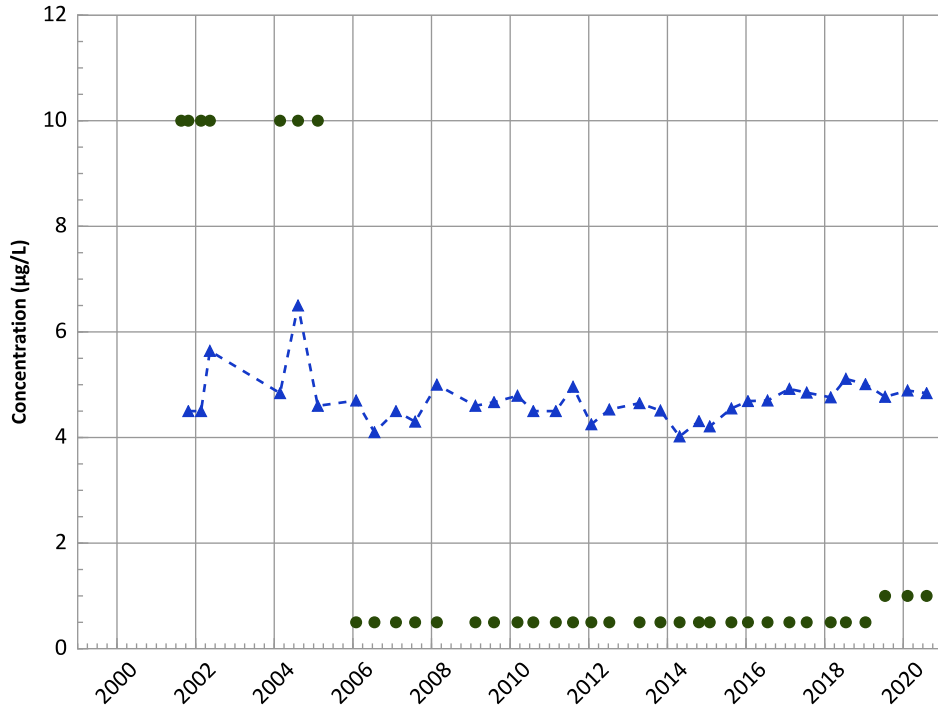


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Molybdenum Trend

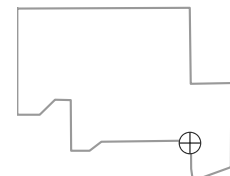


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Well Location

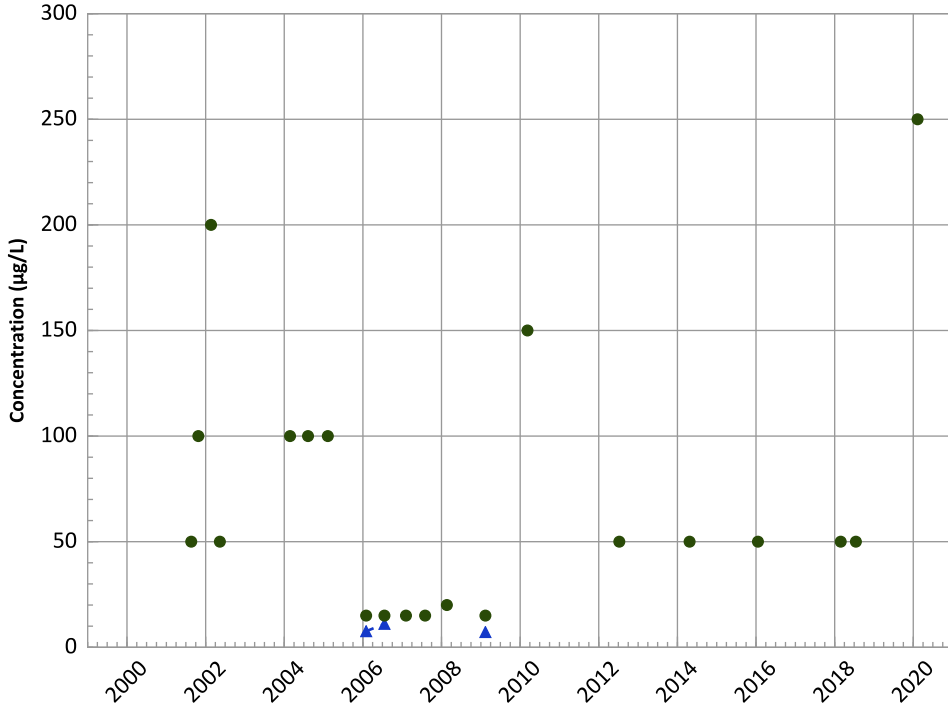


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Increasing

MAROS Linear Regression Method

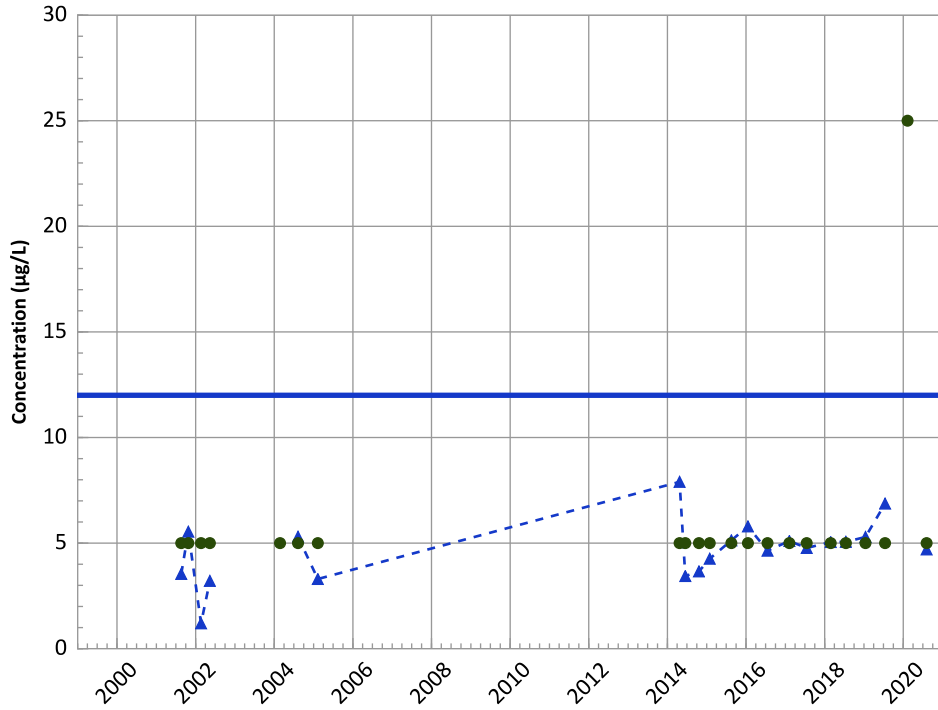
2018 - 2020 Data:

Stable

All Data:

Decreasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

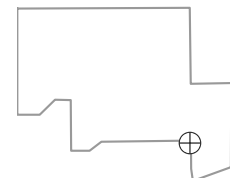
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

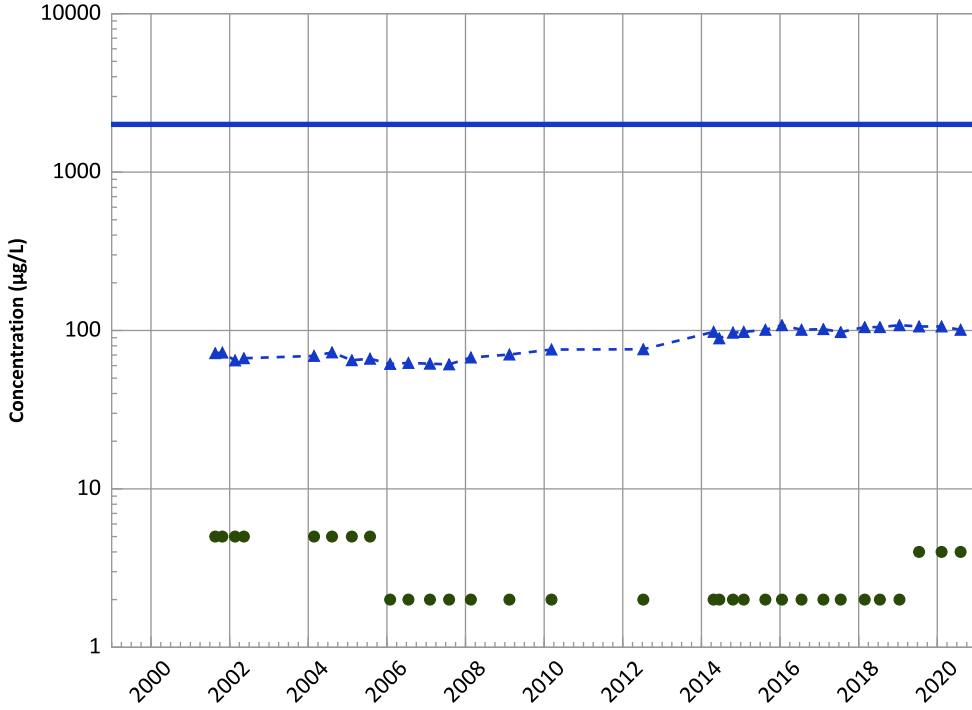
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

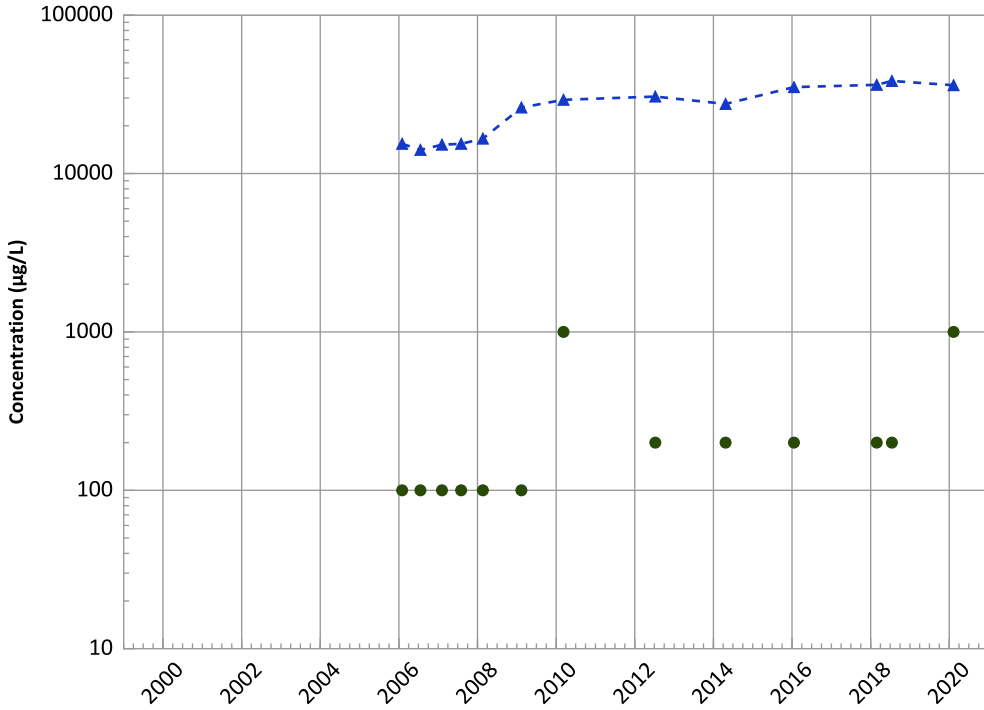
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

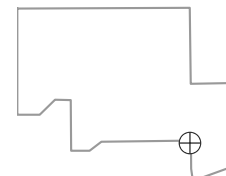
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

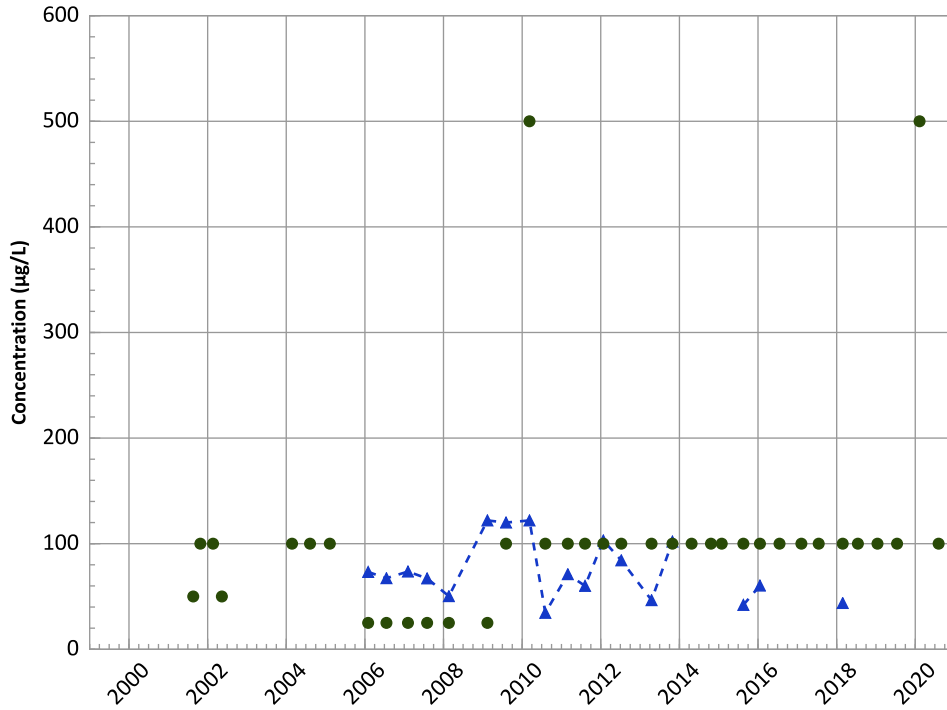
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

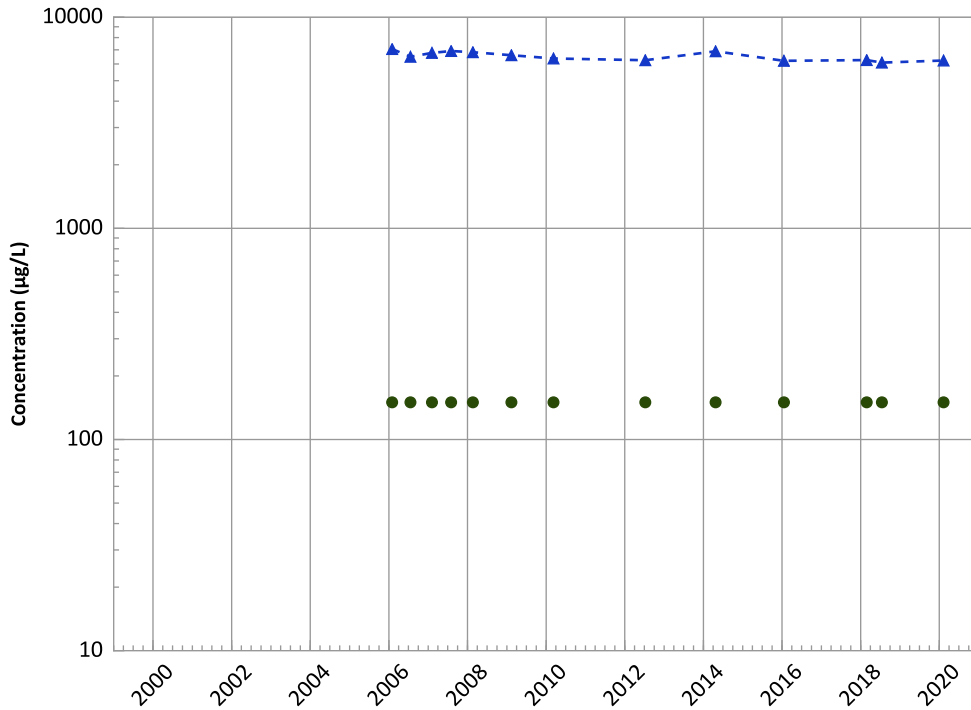
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

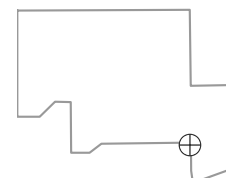
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

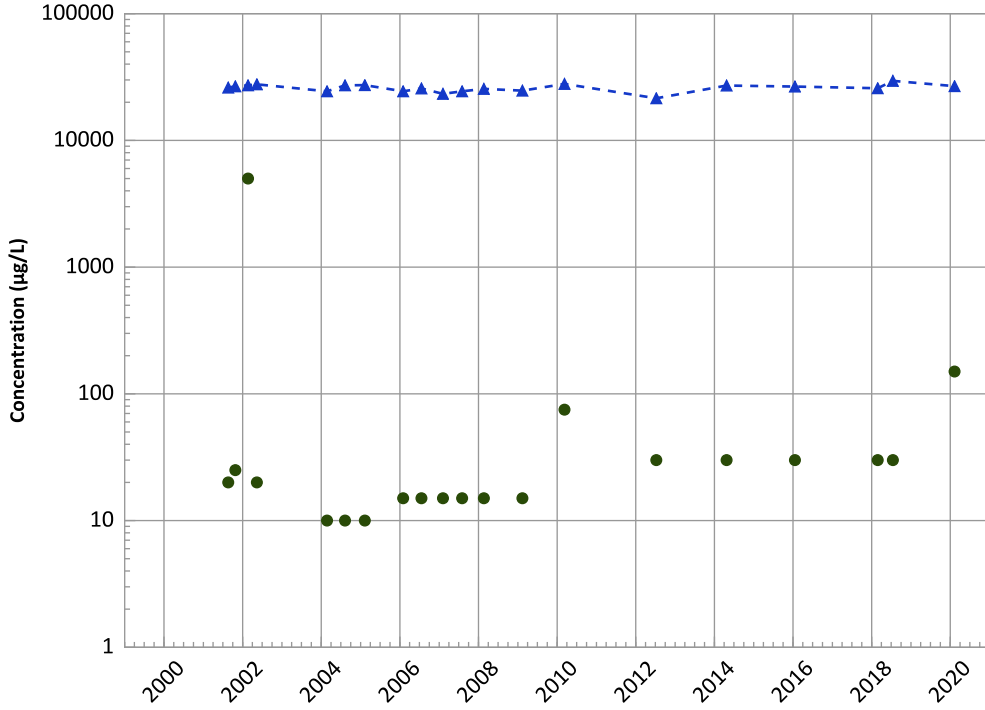


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

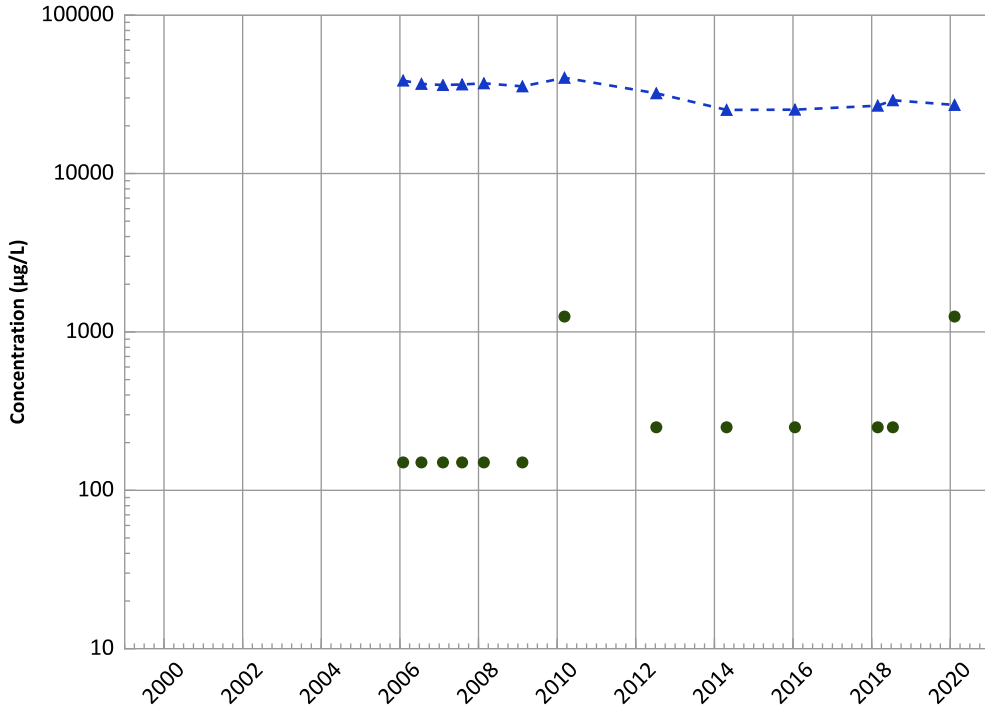
2018 - 2020 Data:

No Trend

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

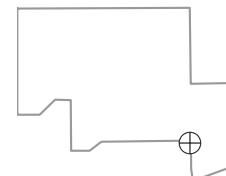
All Data:

Decreasing

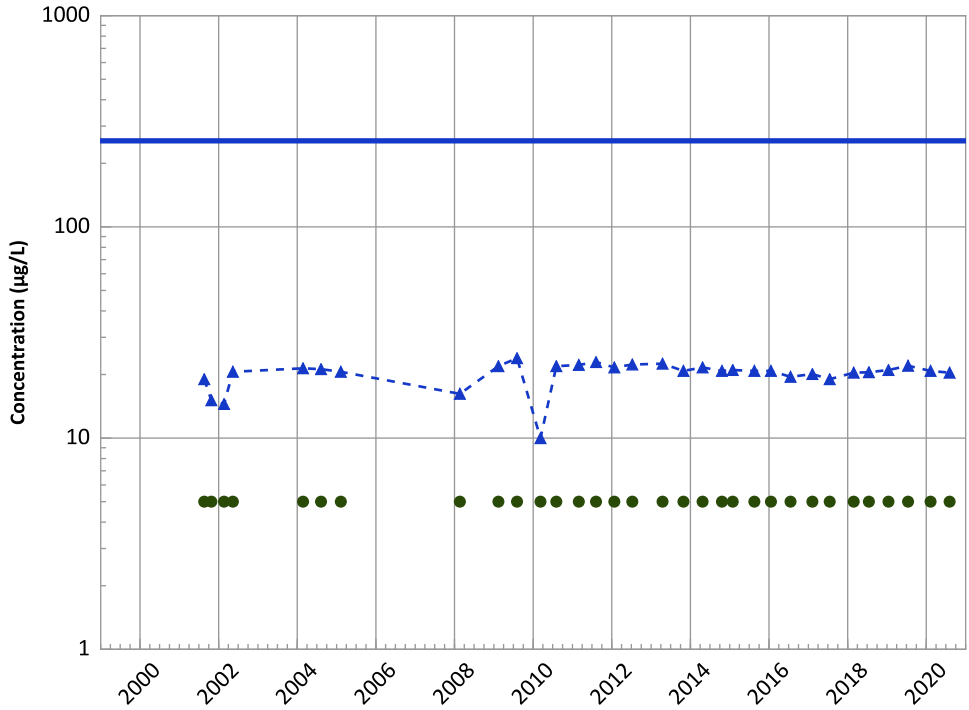
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/09/2000 to 11/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**

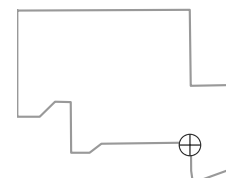


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 Decreasing
 All Data:
 Stable
MAROS Linear Regression Method
 2018 - 2020 Data:
 Stable
 All Data:
 Probably Increasing

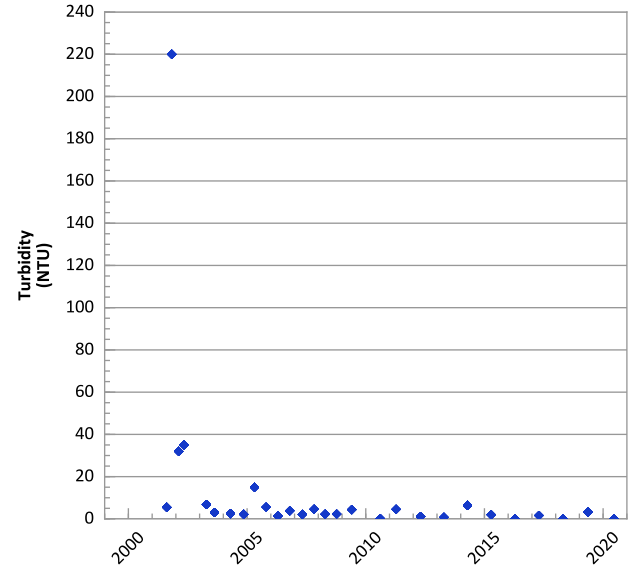
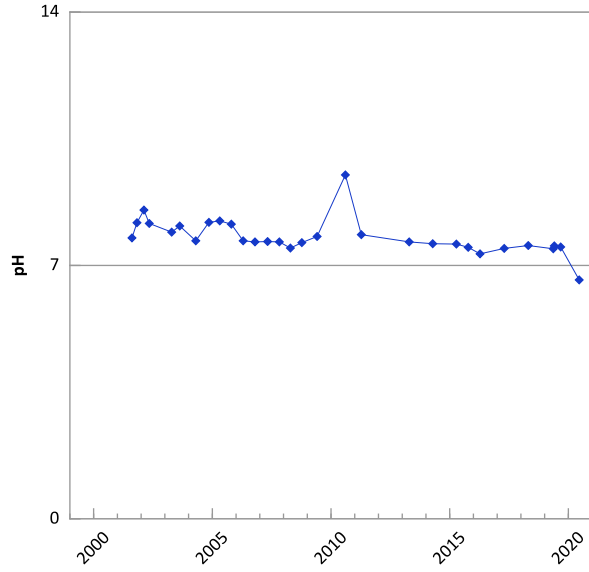
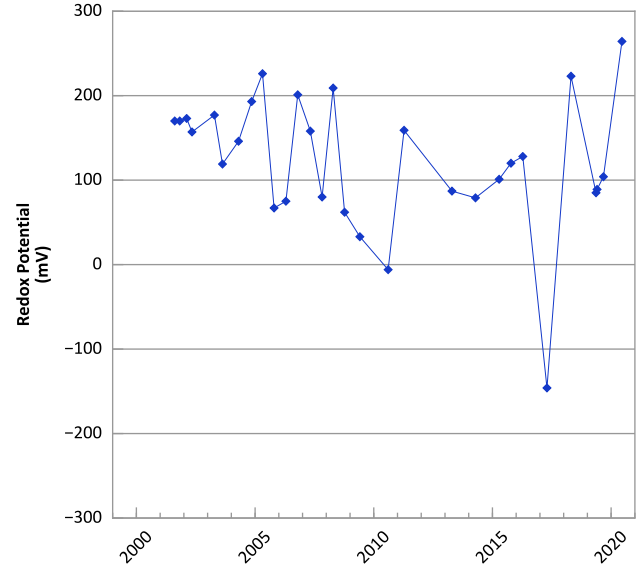
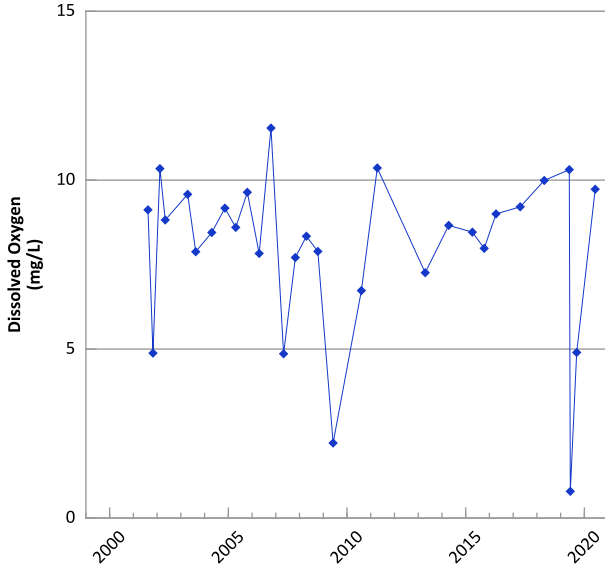
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/09/2000 to 11/17/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

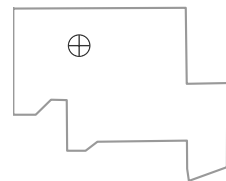


**PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



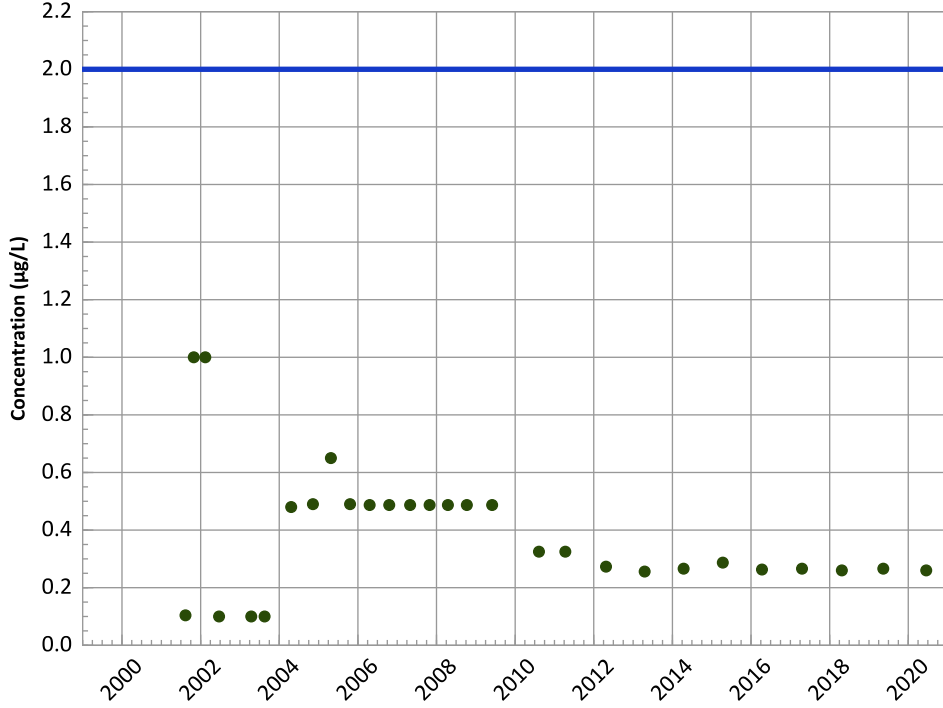
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 08/13/2001 to 06/16/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

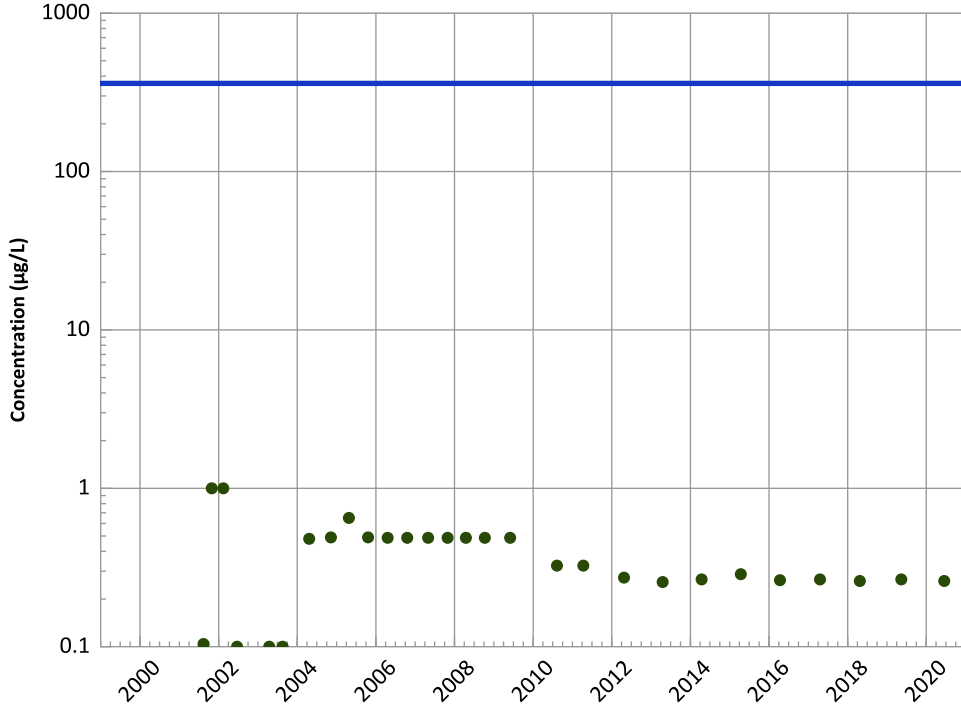
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

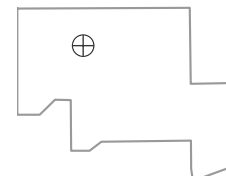
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

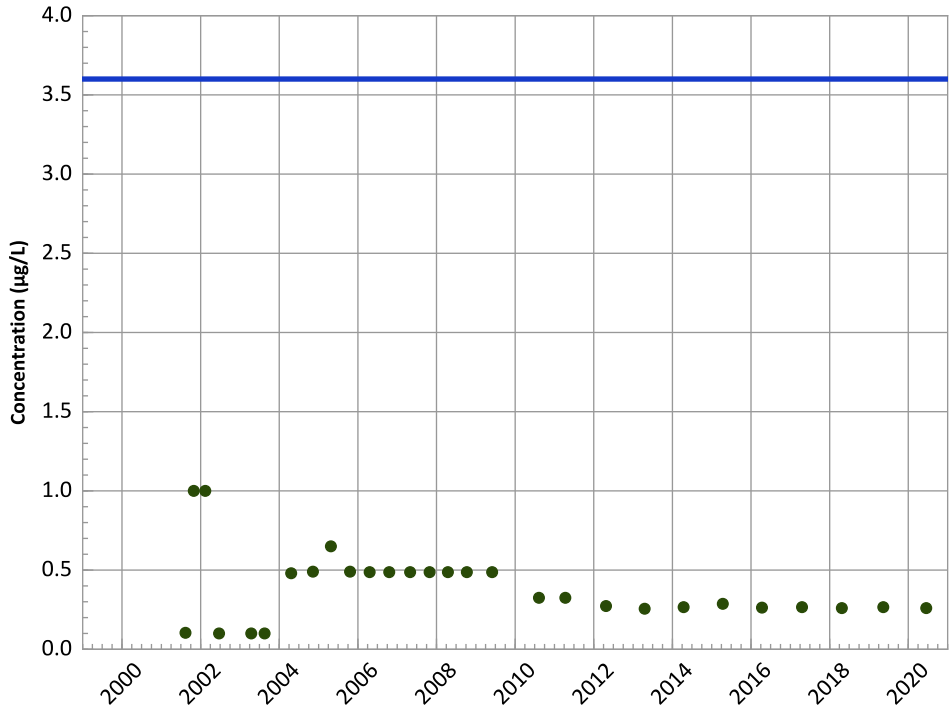
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

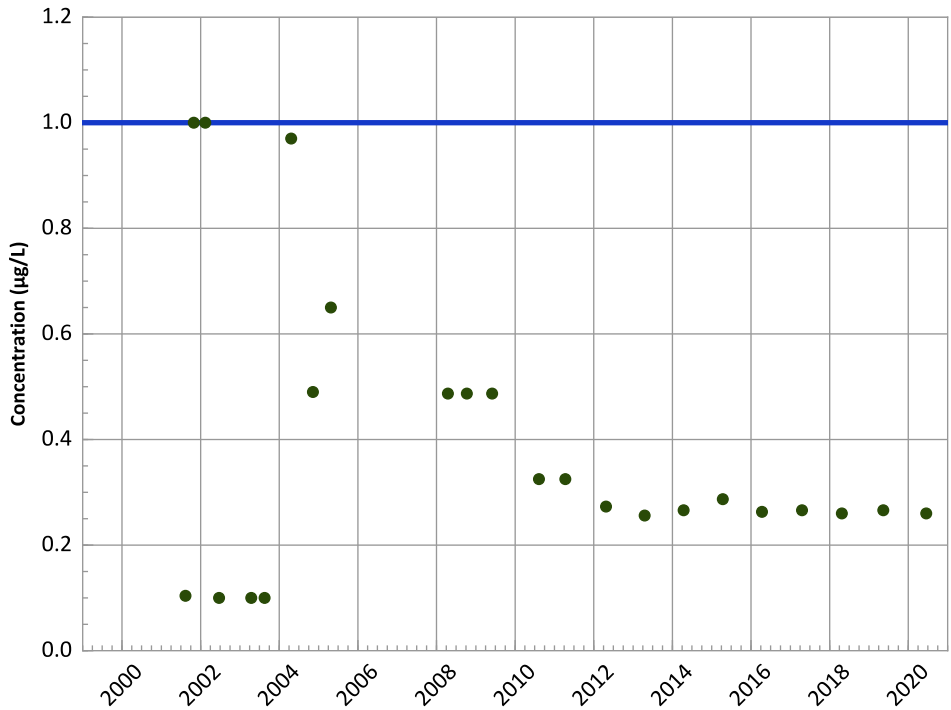
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

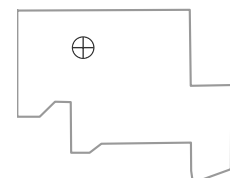
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

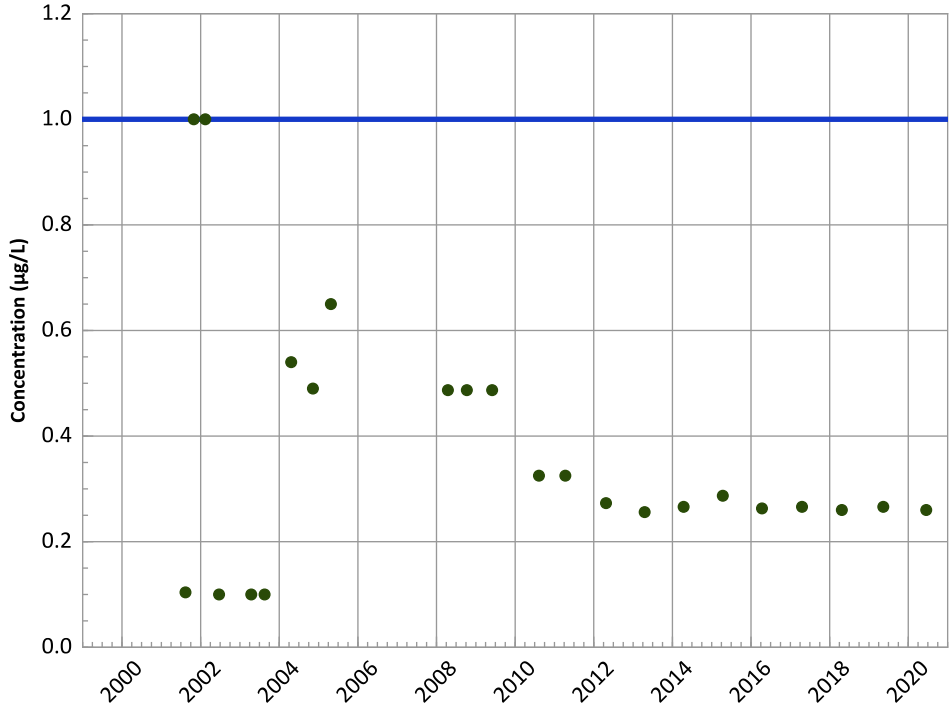


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

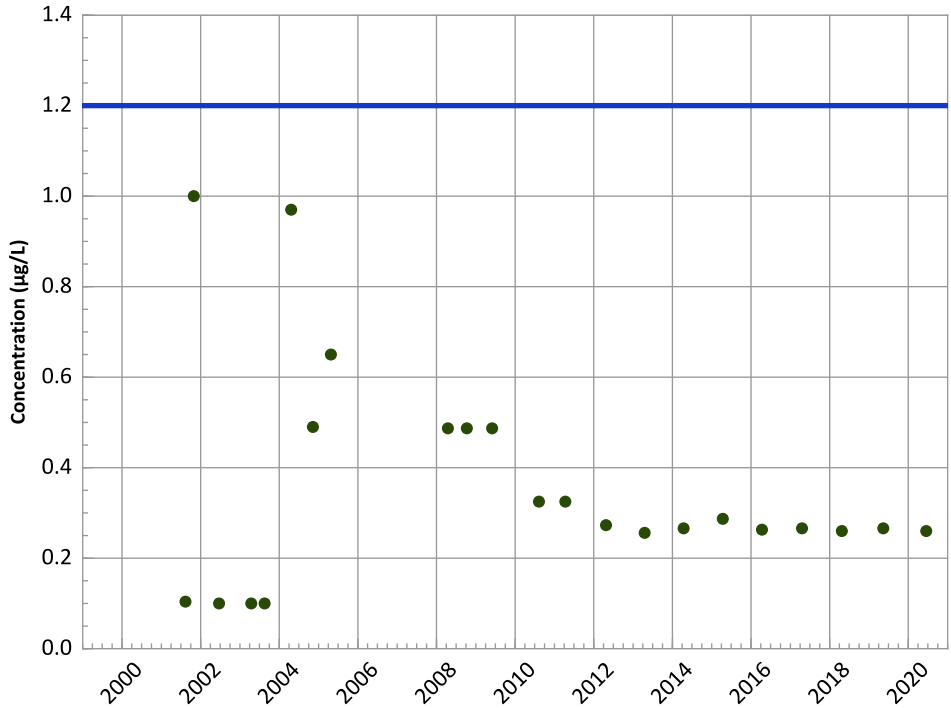
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

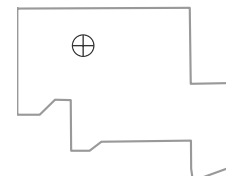
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

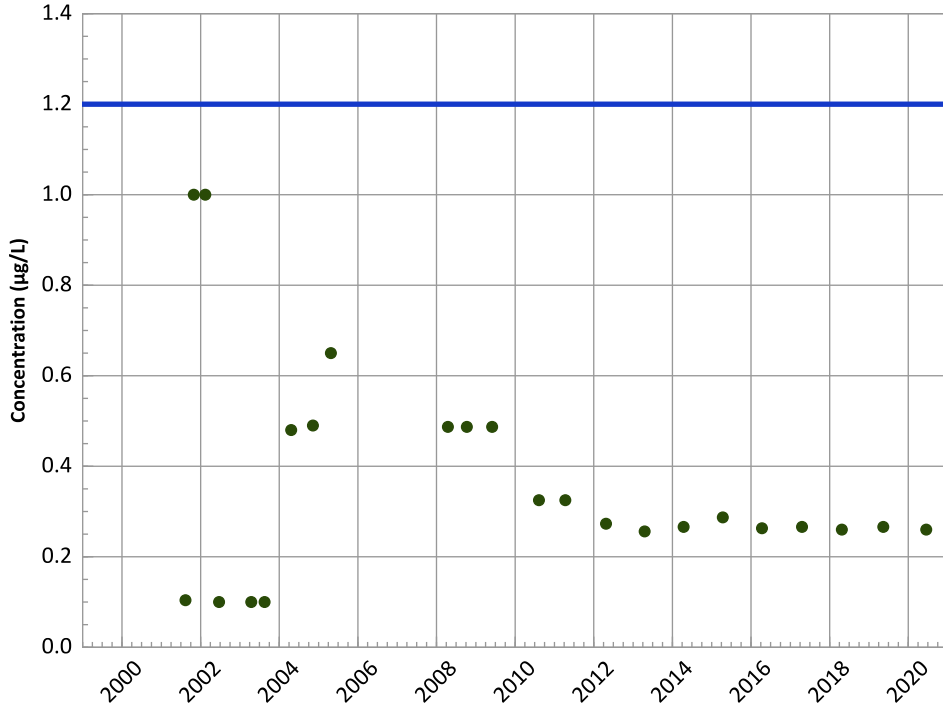
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

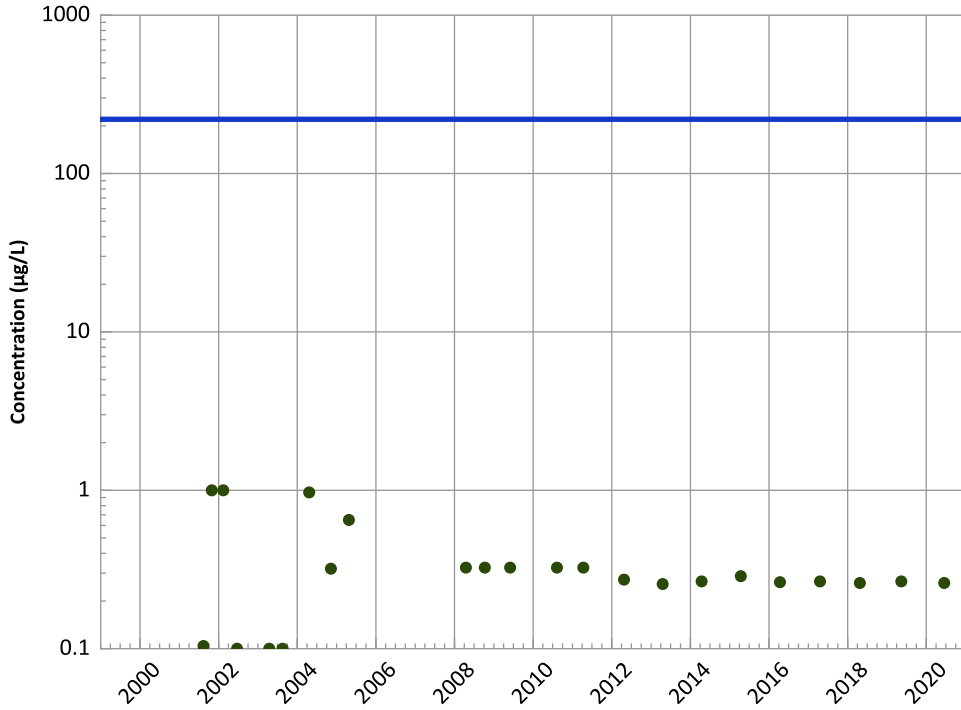
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

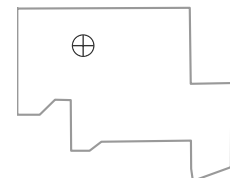
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

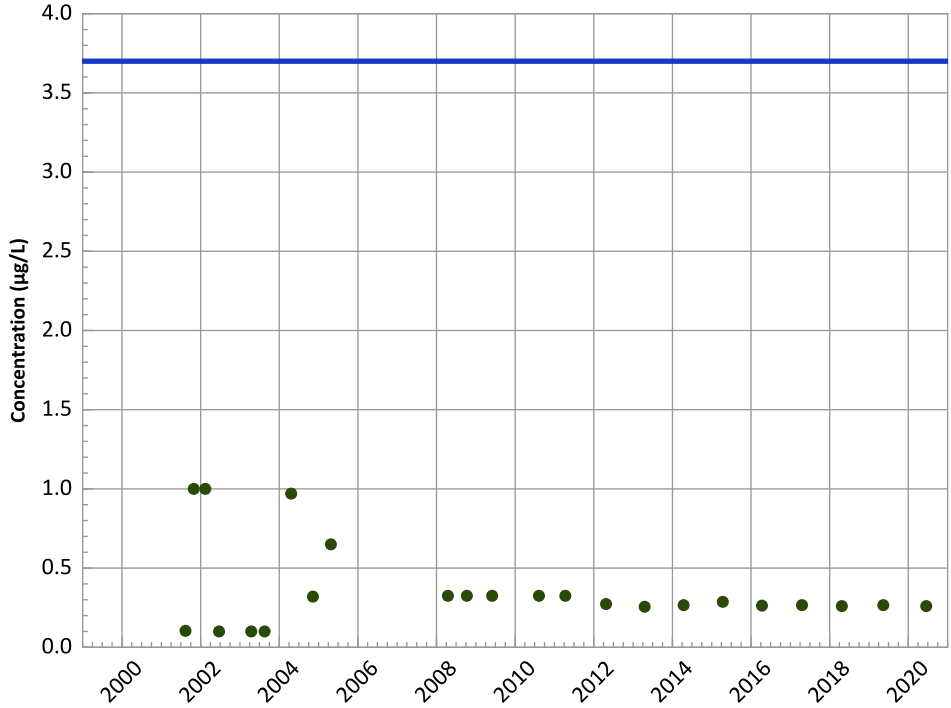
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

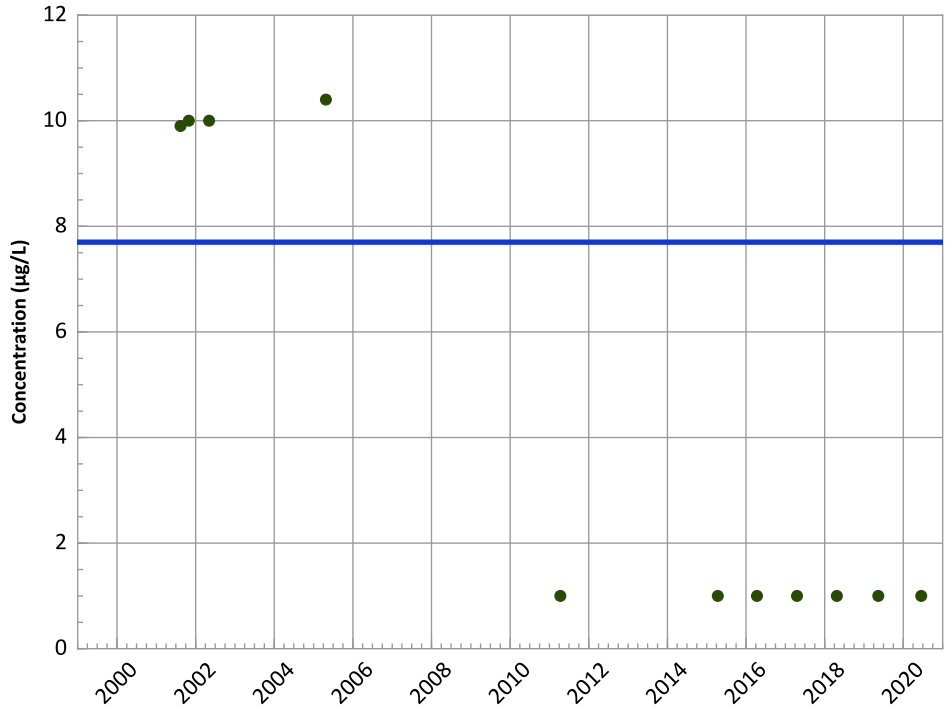
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

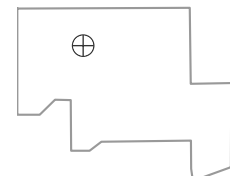
All Data:

All Non-Detect

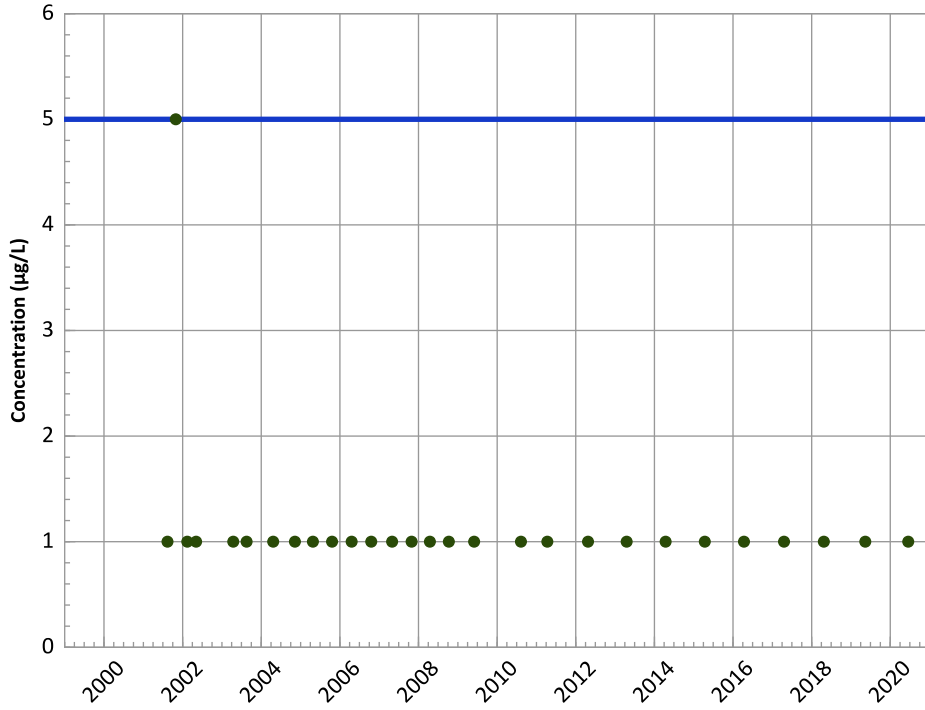
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

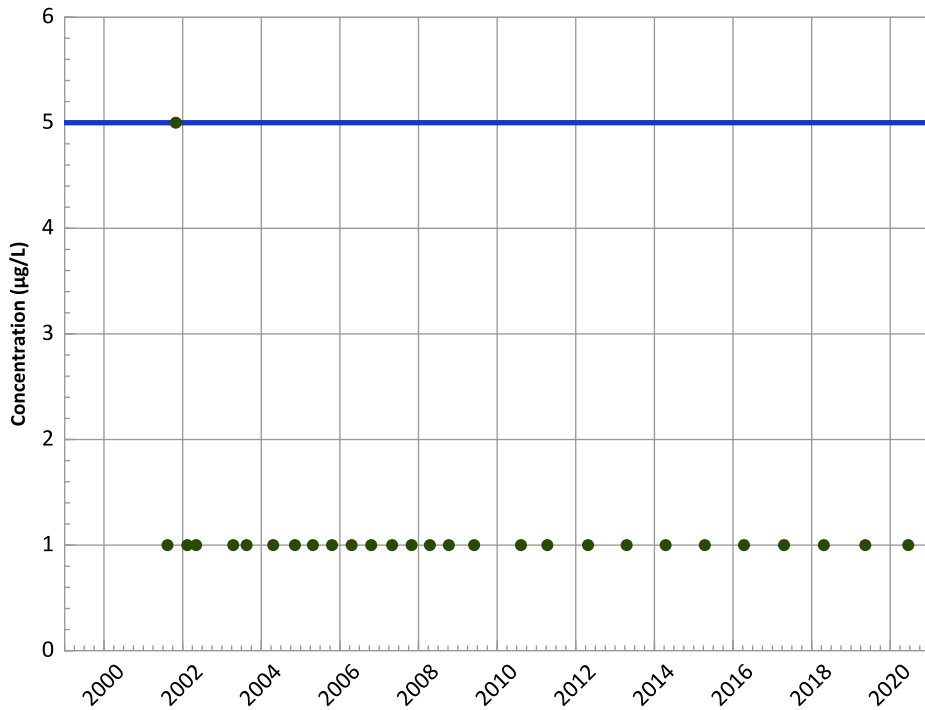
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

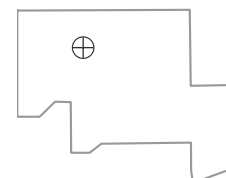
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

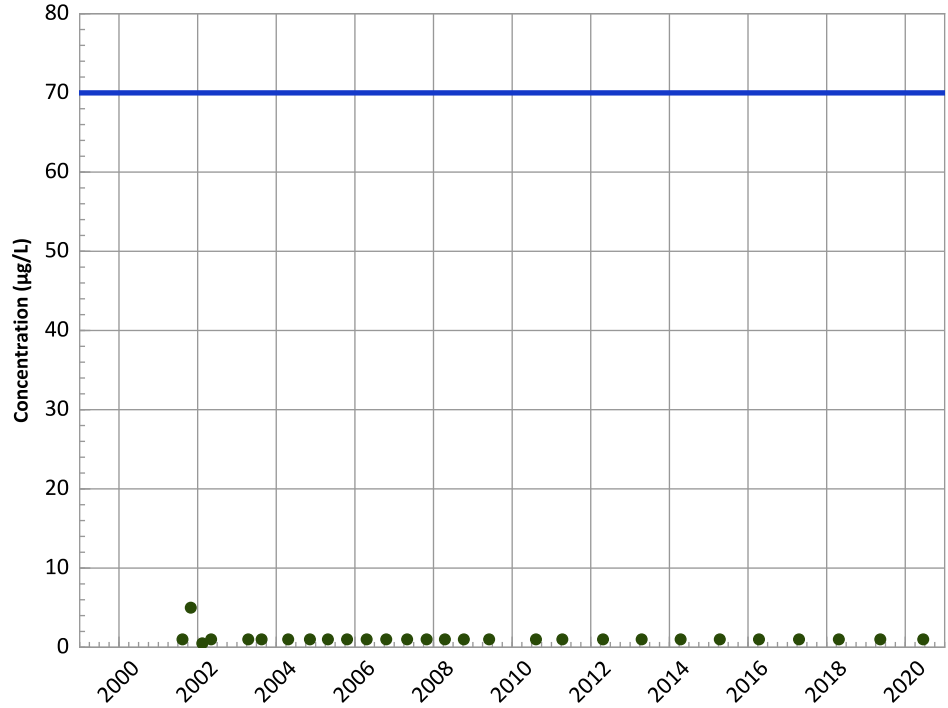
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

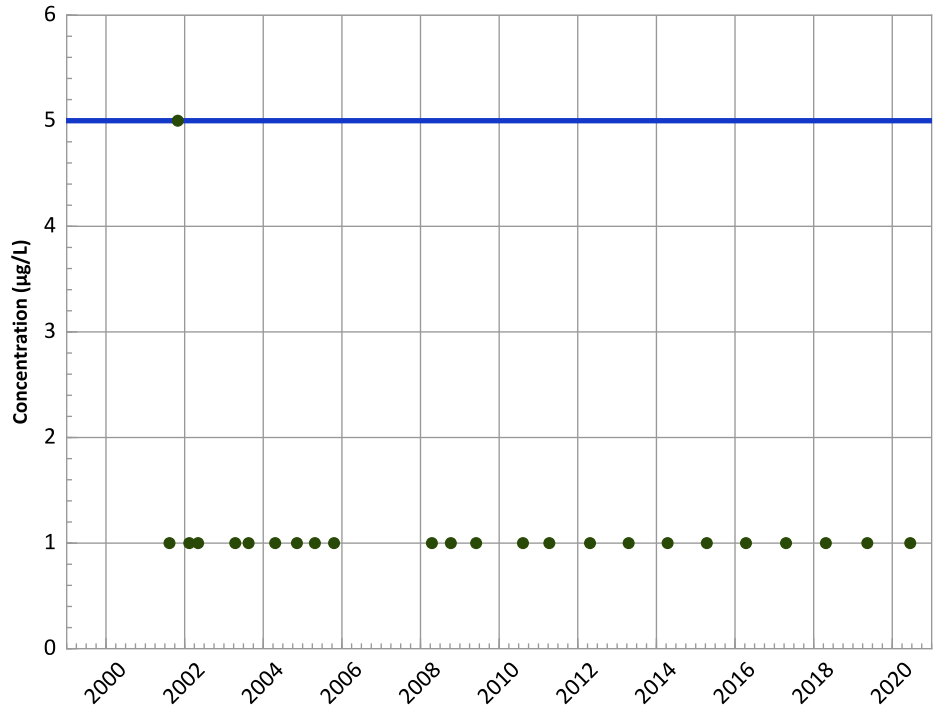
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

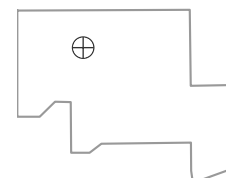
All Data:

All Non-Detect

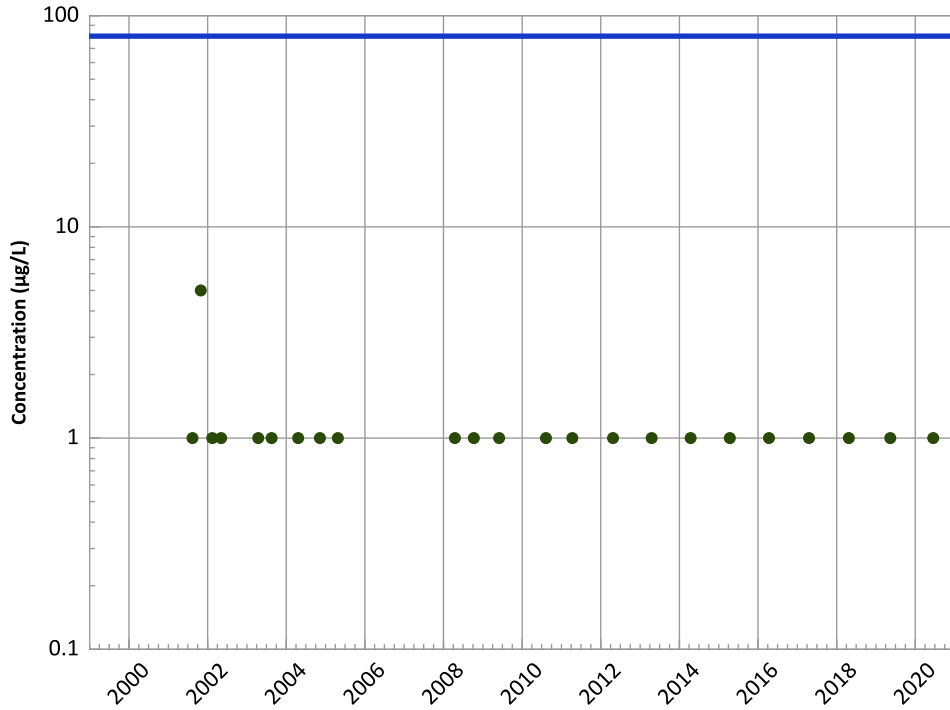
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

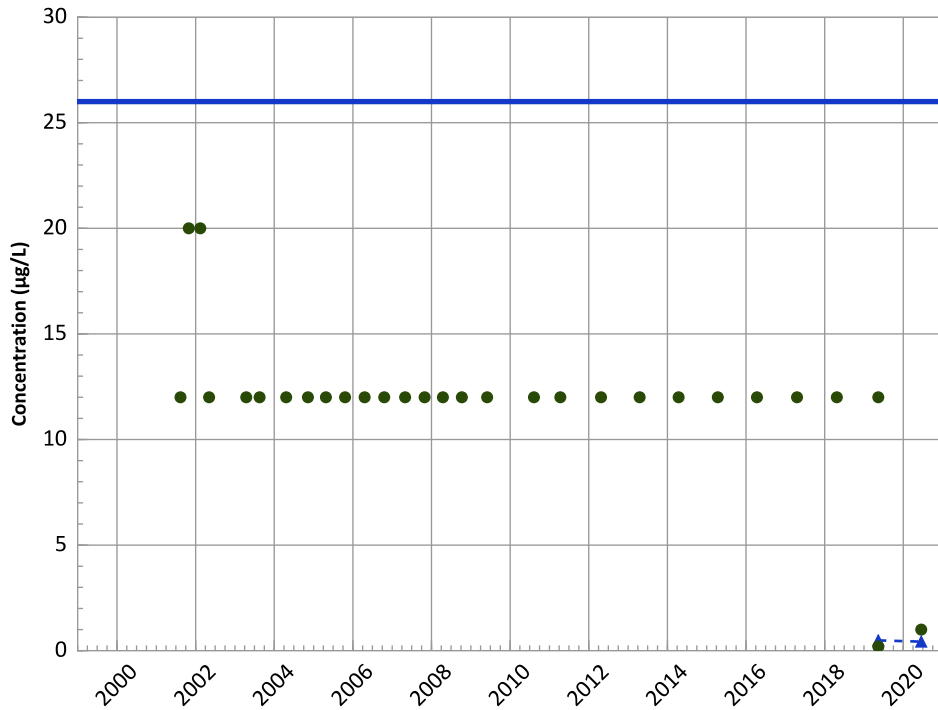


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

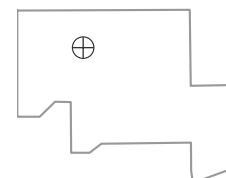


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

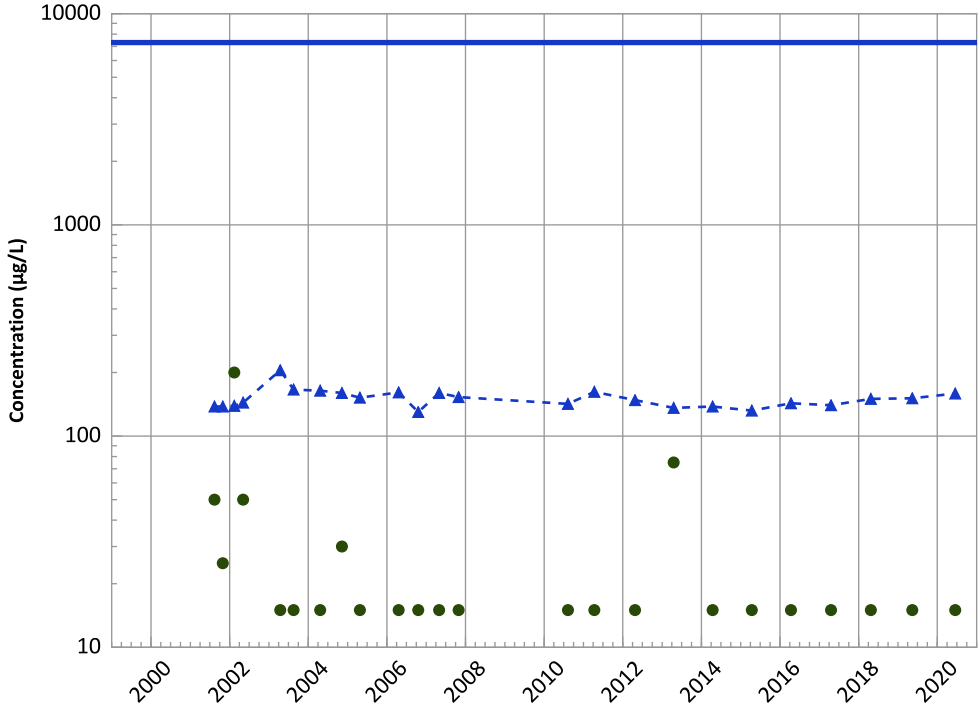


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

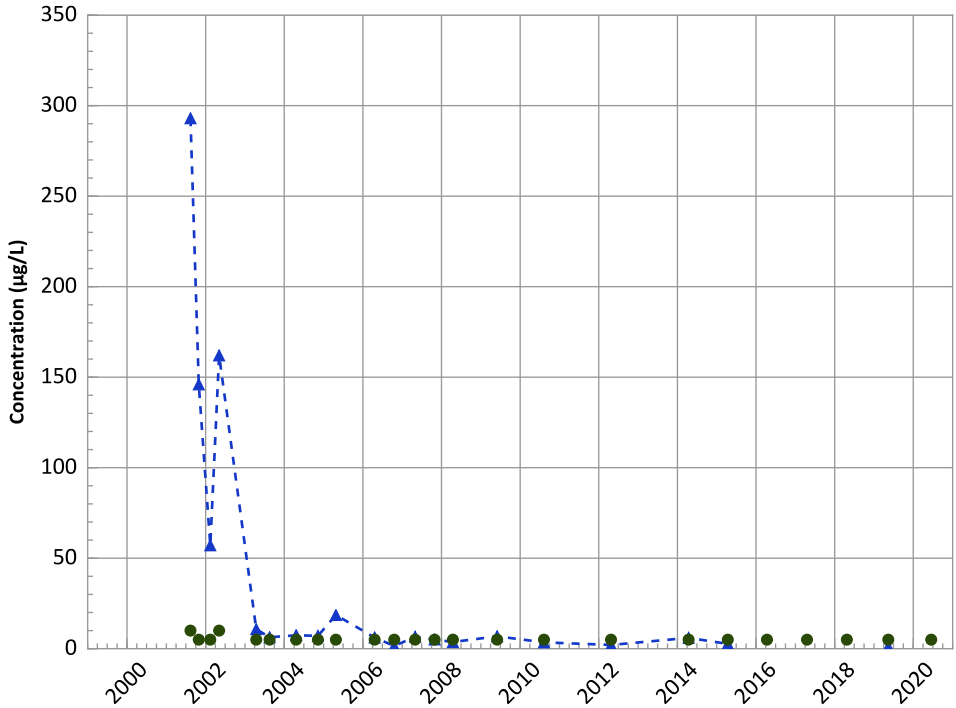
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

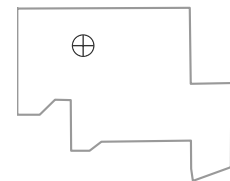
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Well Location

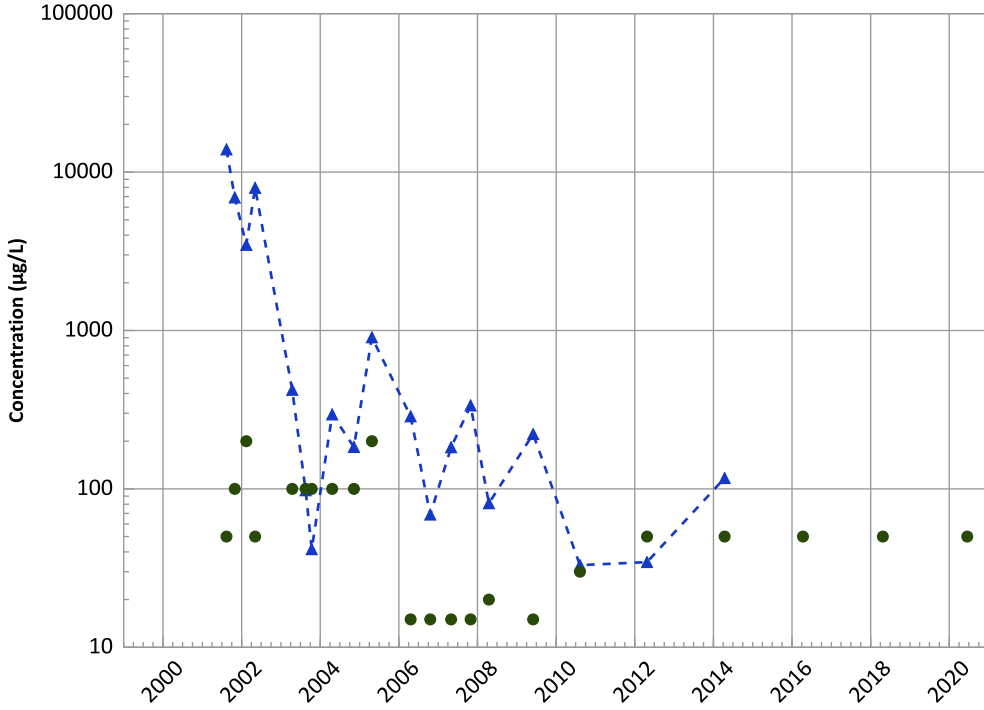


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

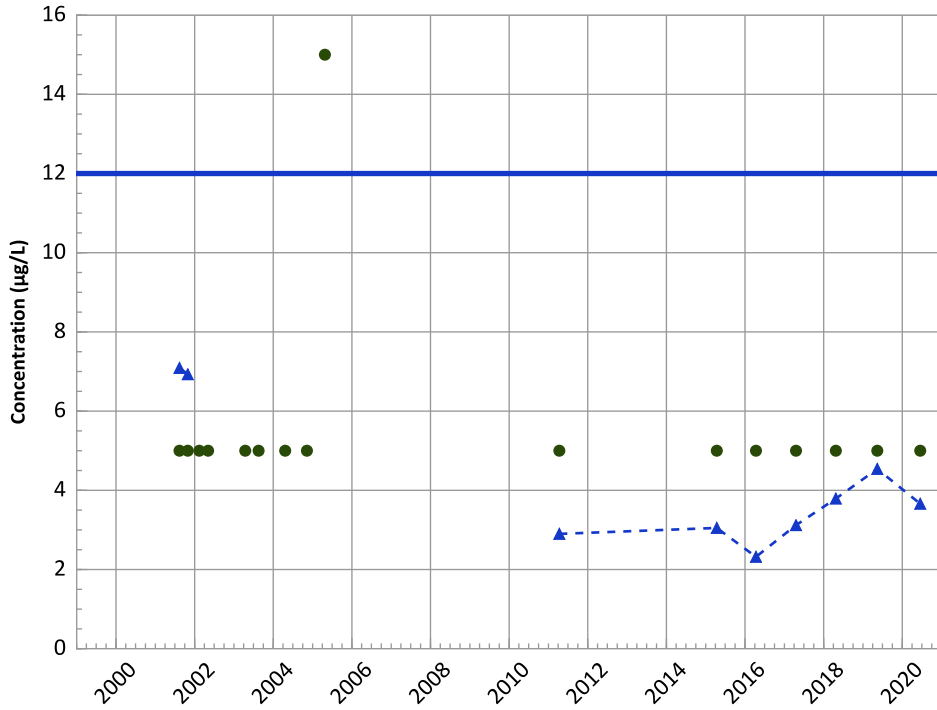
2018 - 2020 Data:

Stable

All Data:

Decreasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

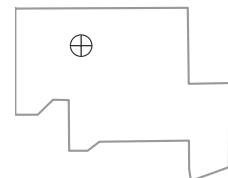
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

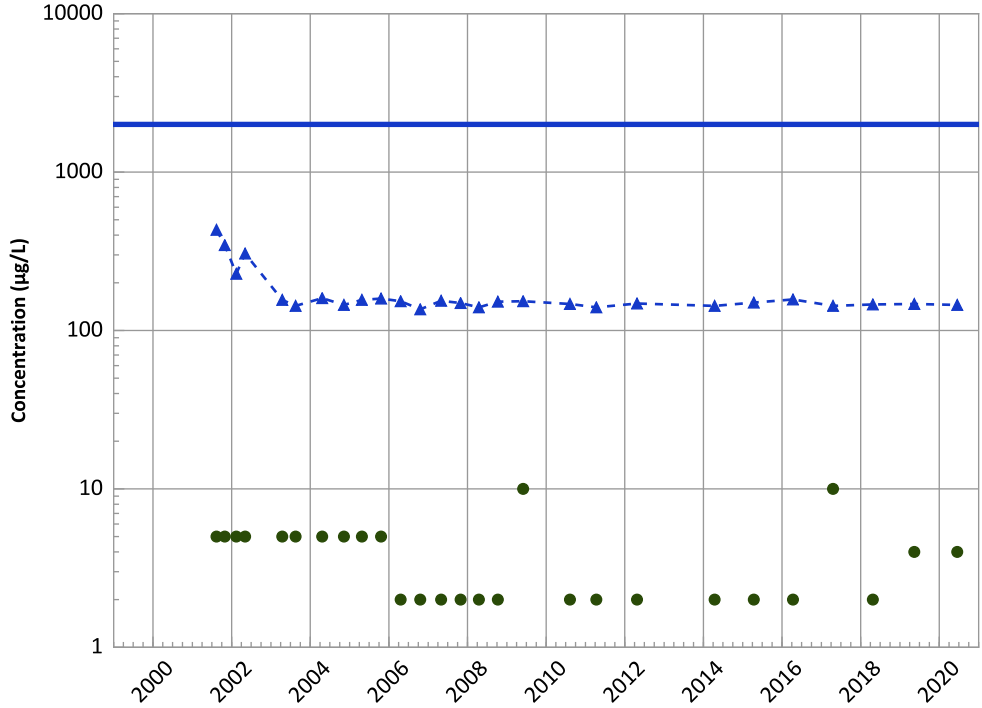
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

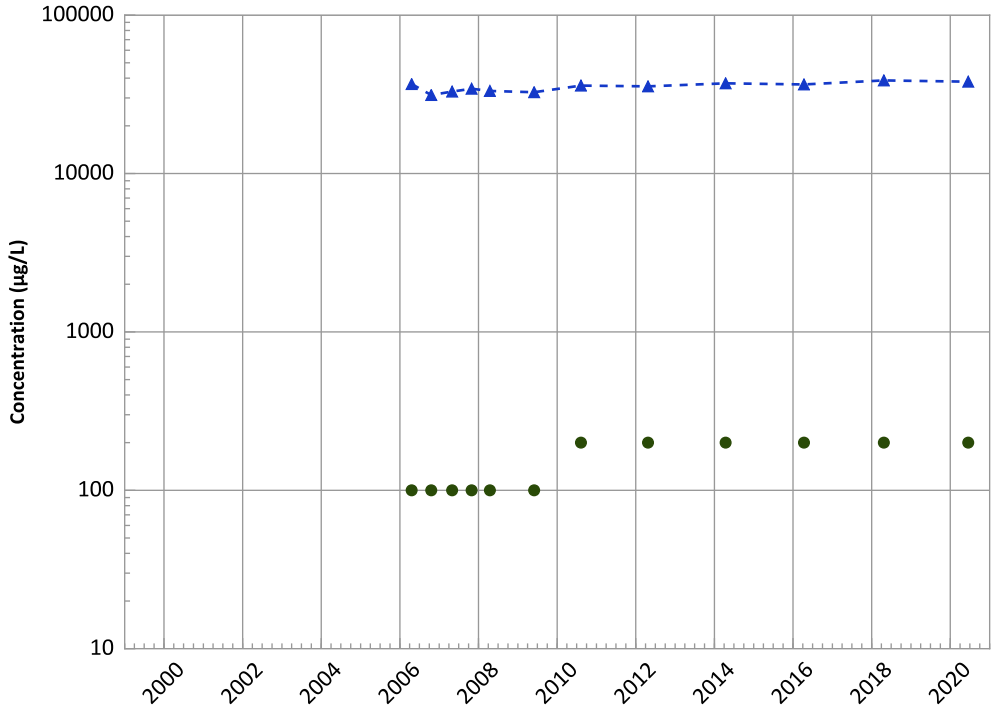
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

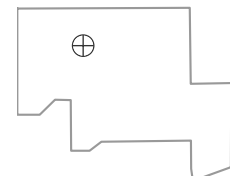
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

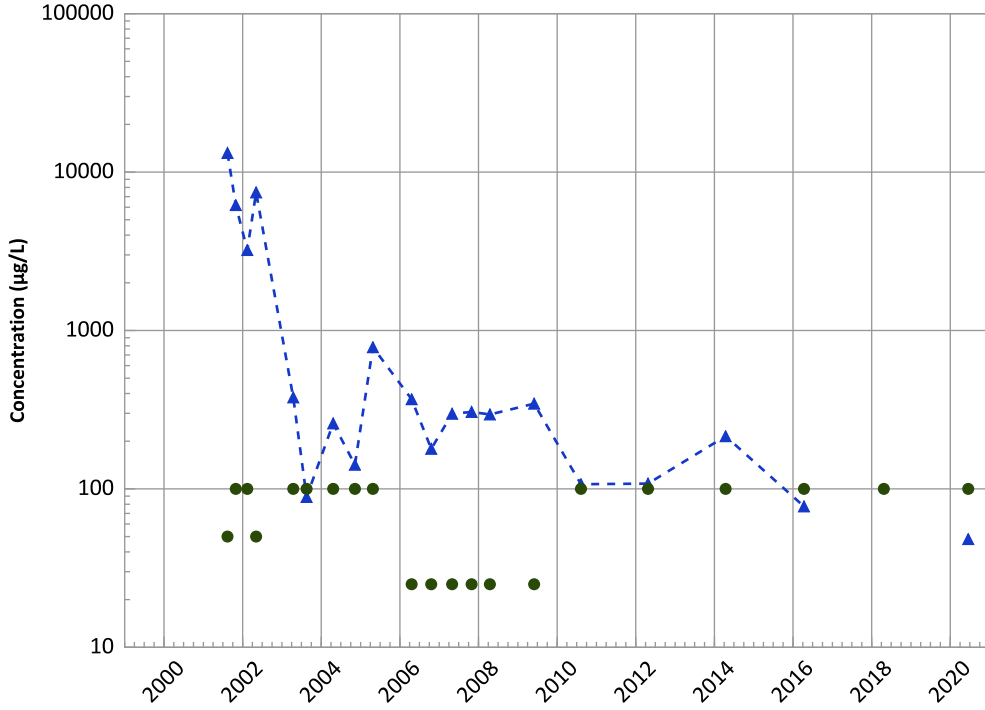


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

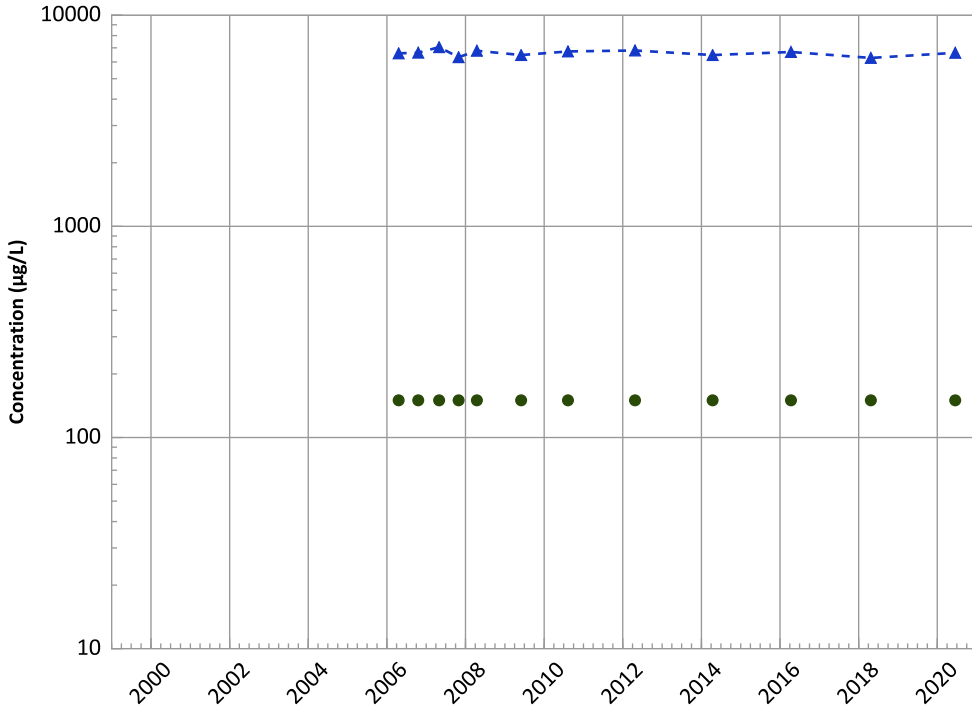


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Potassium Trend

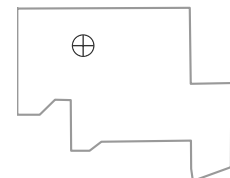


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

Well Location

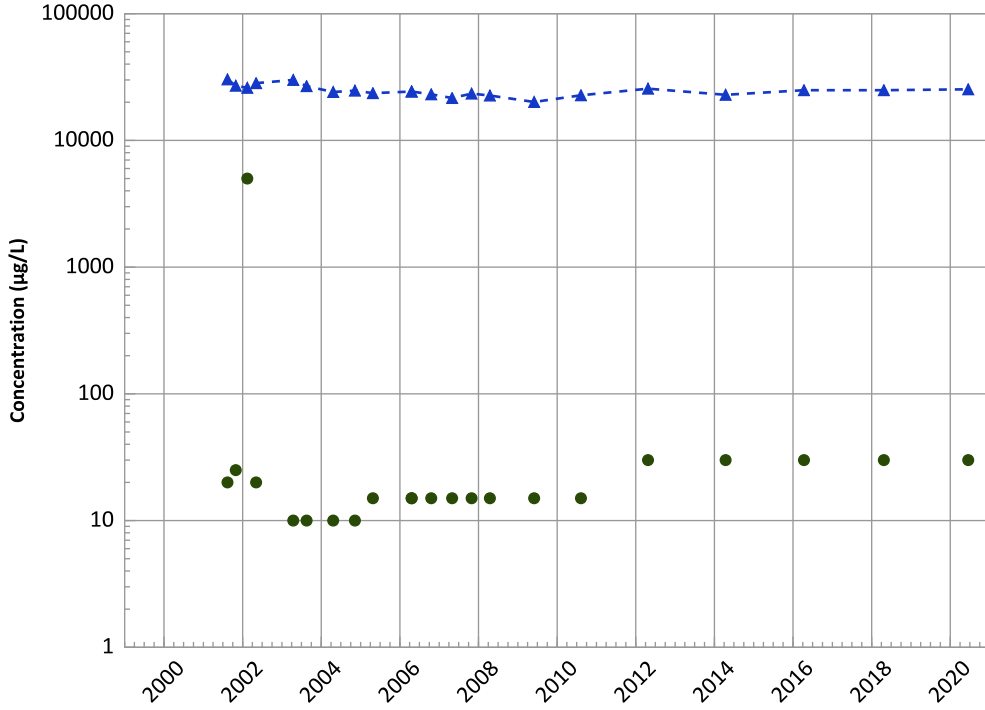


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

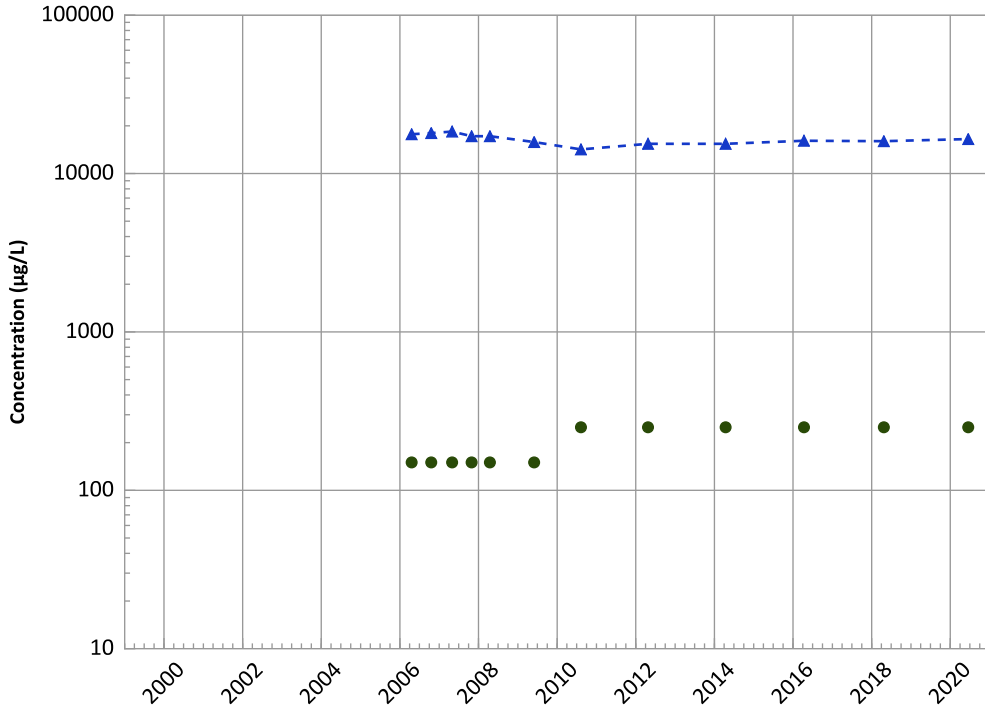
2018 - 2020 Data:

Probably Increasing

All Data:

Probably Decreasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

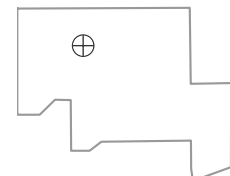
2018 - 2020 Data:

Increasing

All Data:

Probably Decreasing

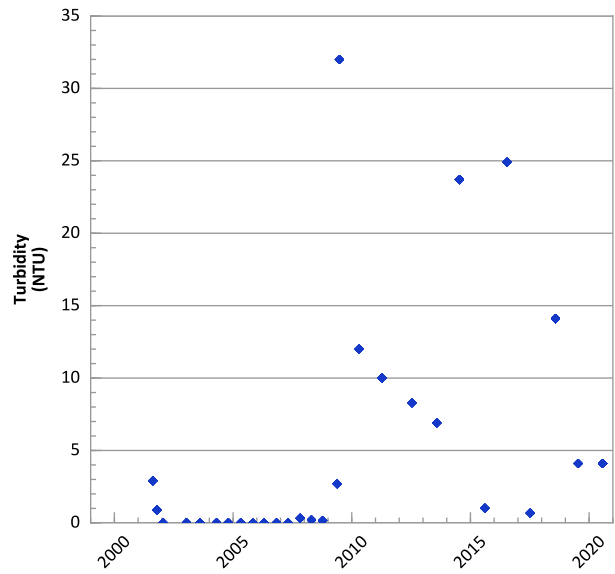
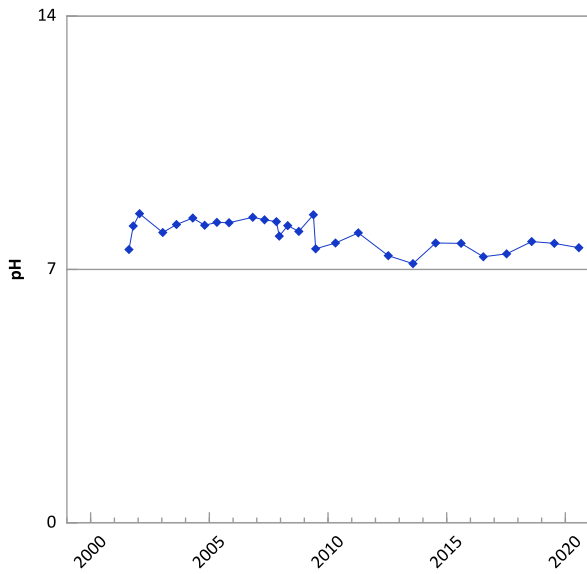
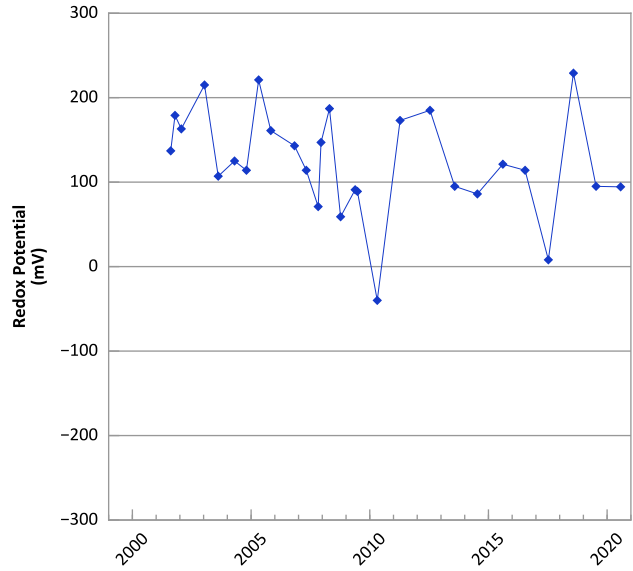
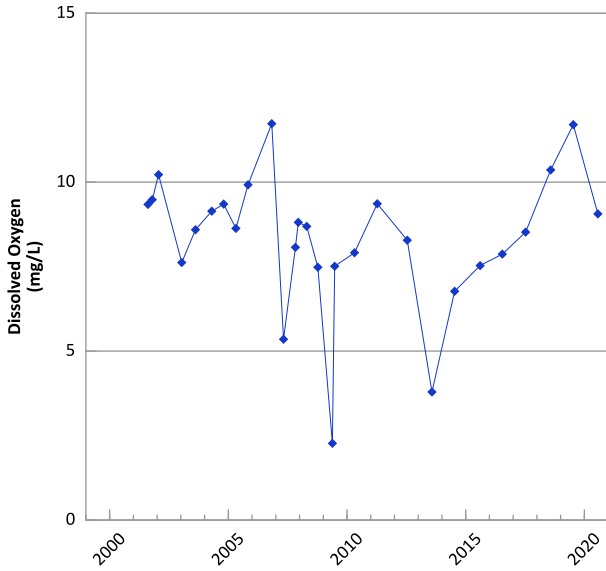
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/13/2001 to 06/16/2020
Analysis Date: 06/03/2021

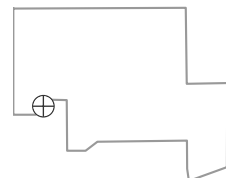
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



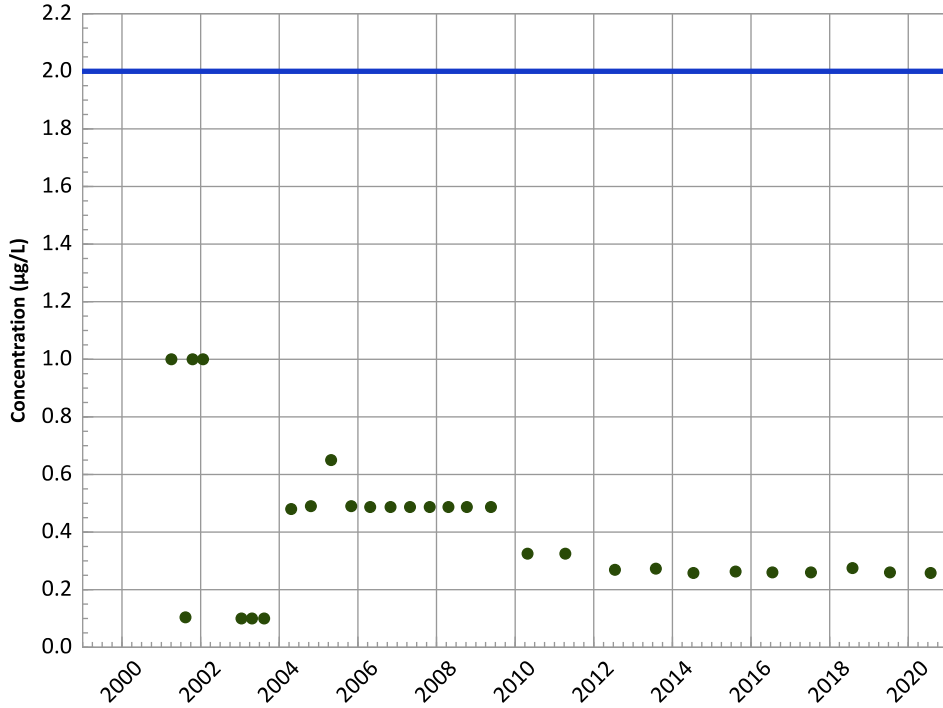
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 04/04/2001 to 07/27/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

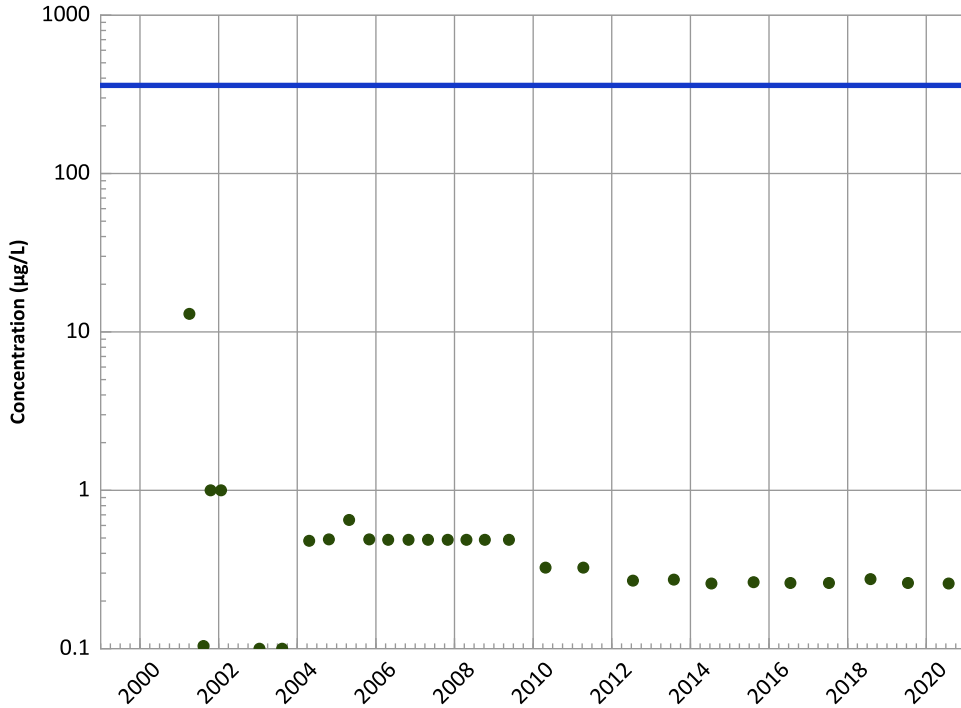
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

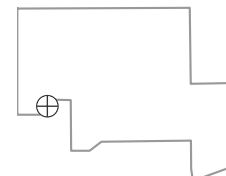
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

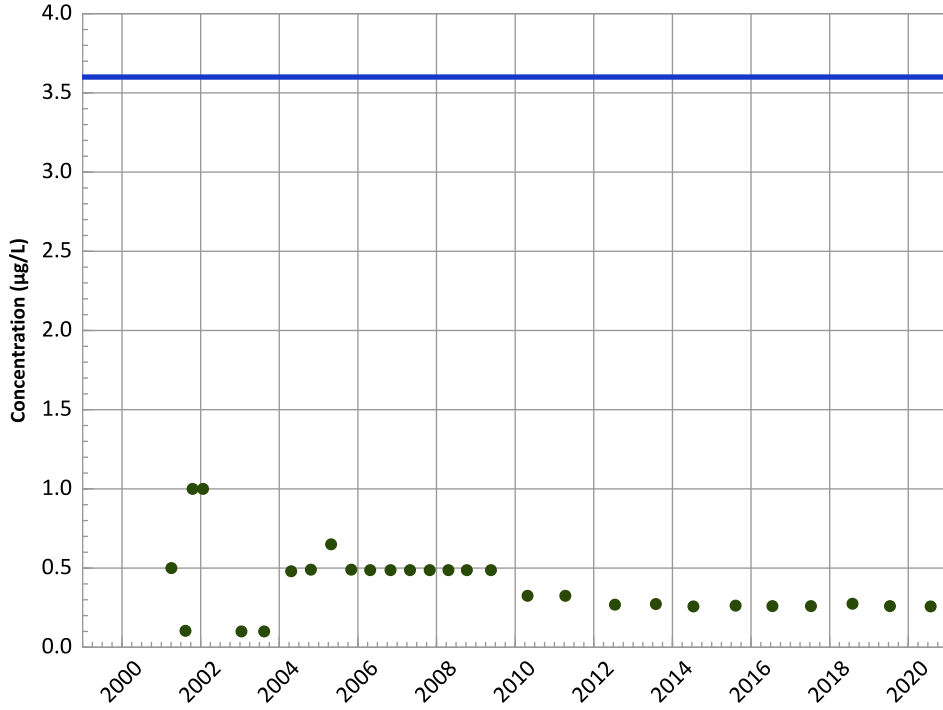
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

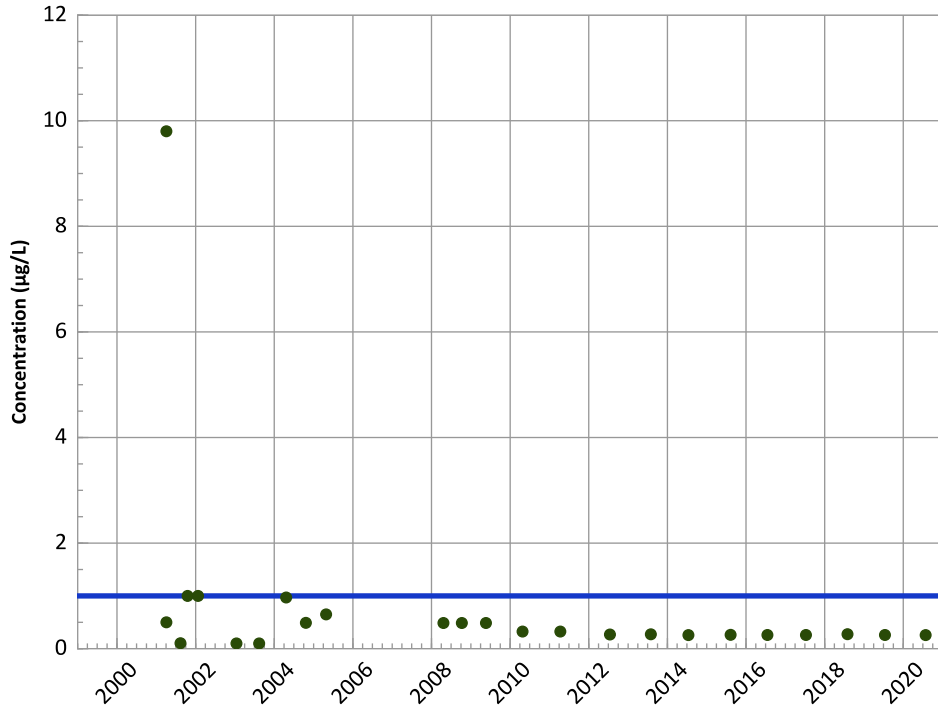
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

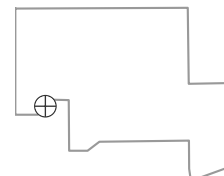
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

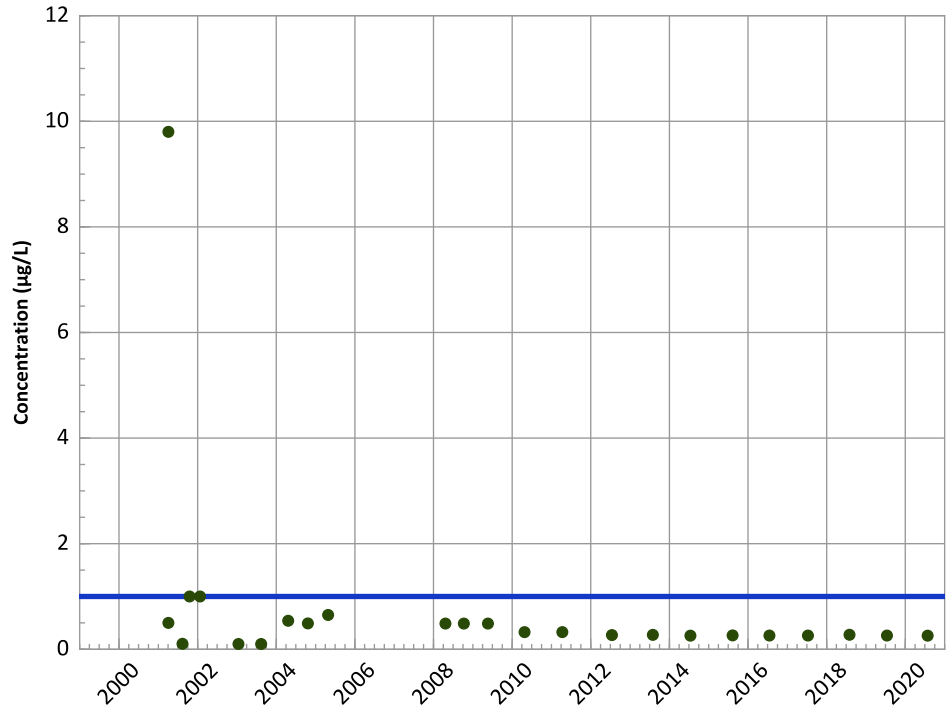
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

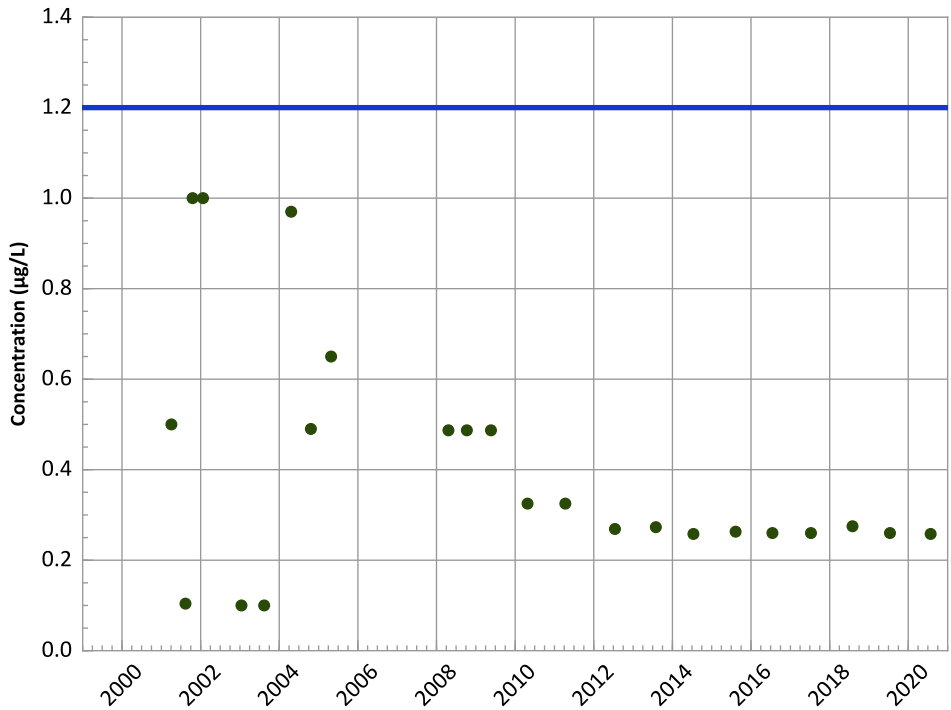
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

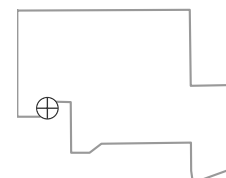
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

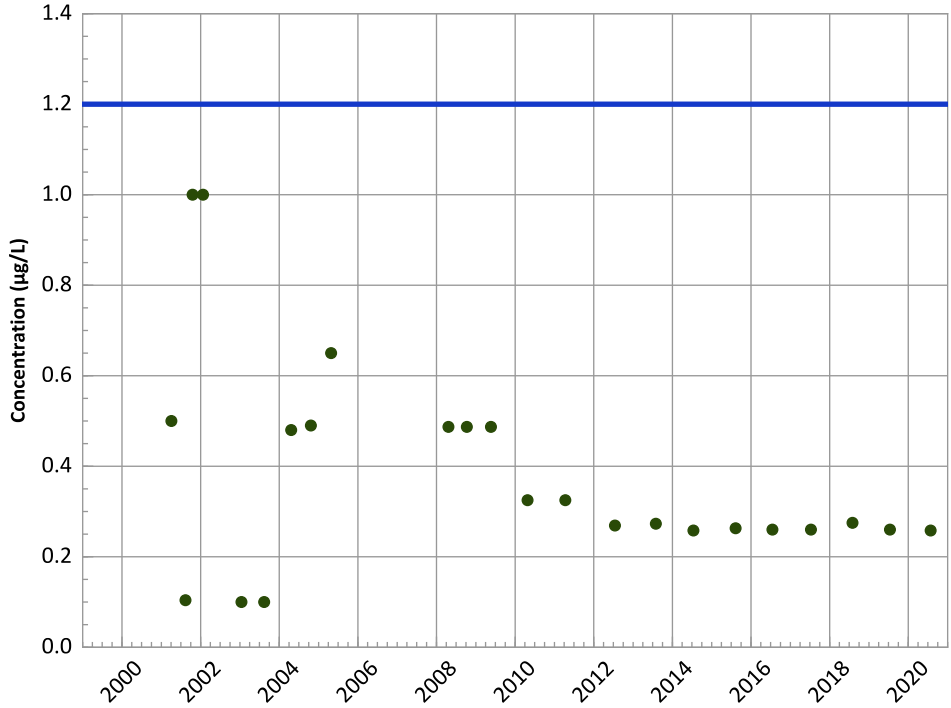
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

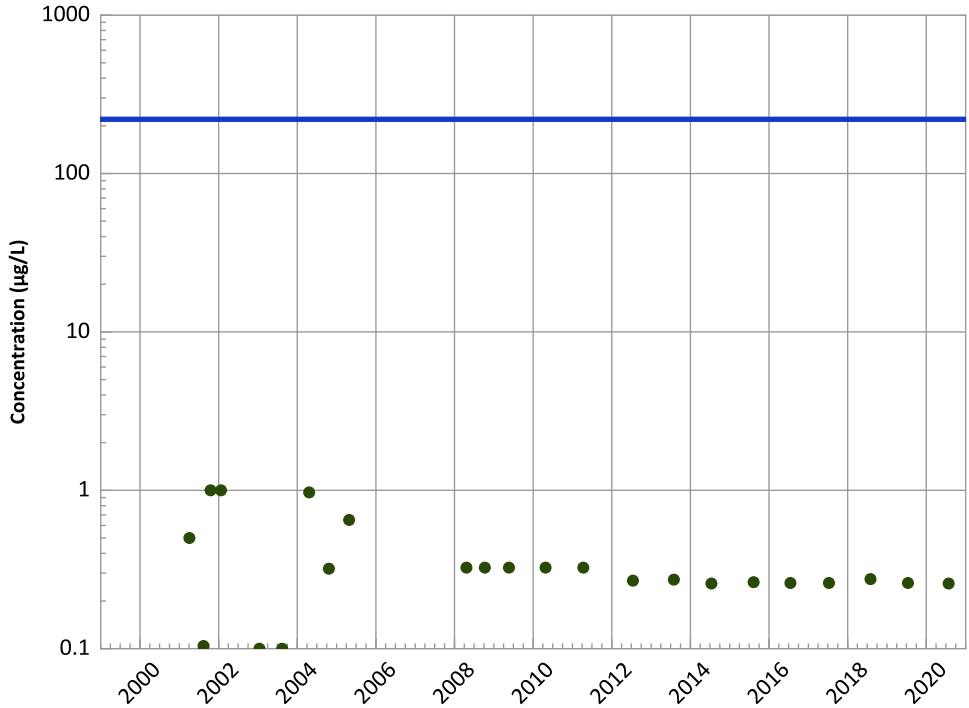
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

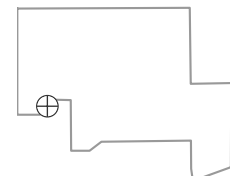
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

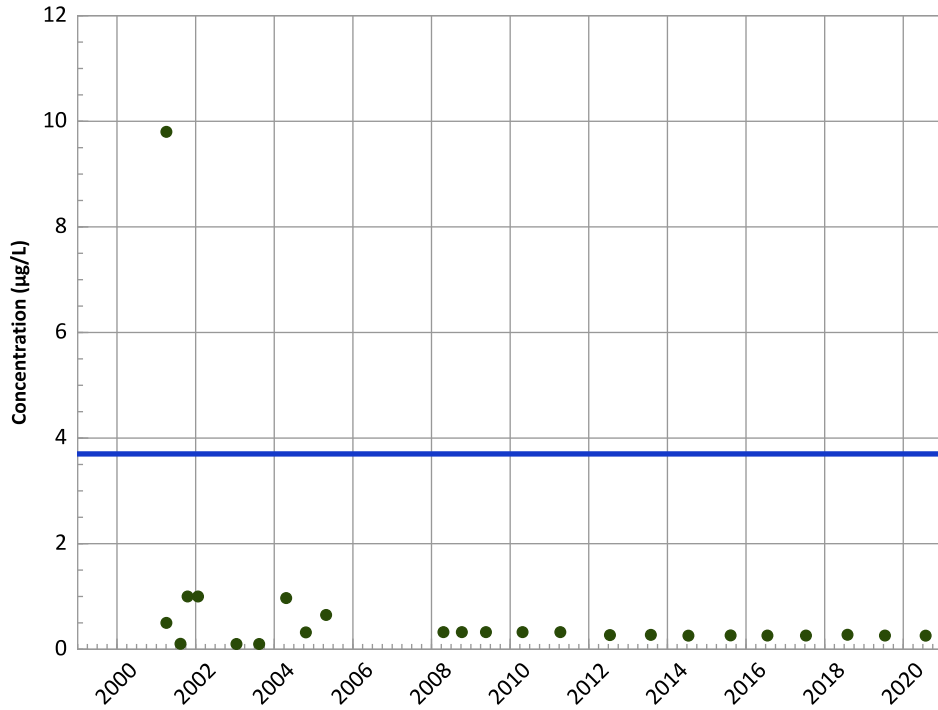
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

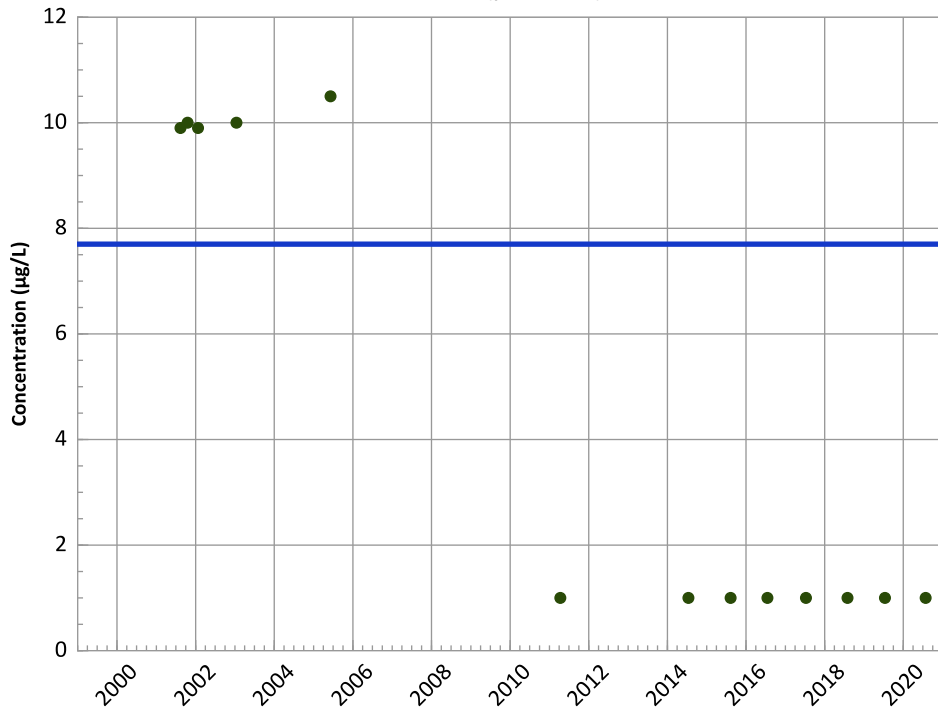
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

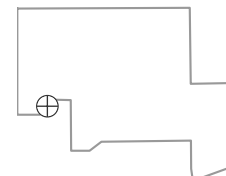
All Data:

All Non-Detect

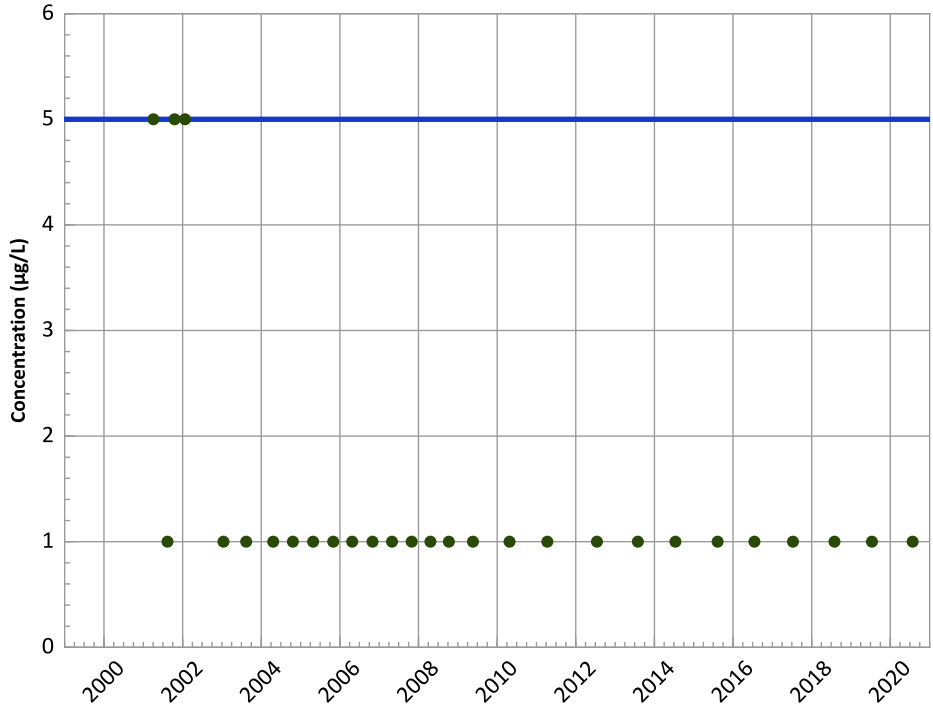
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

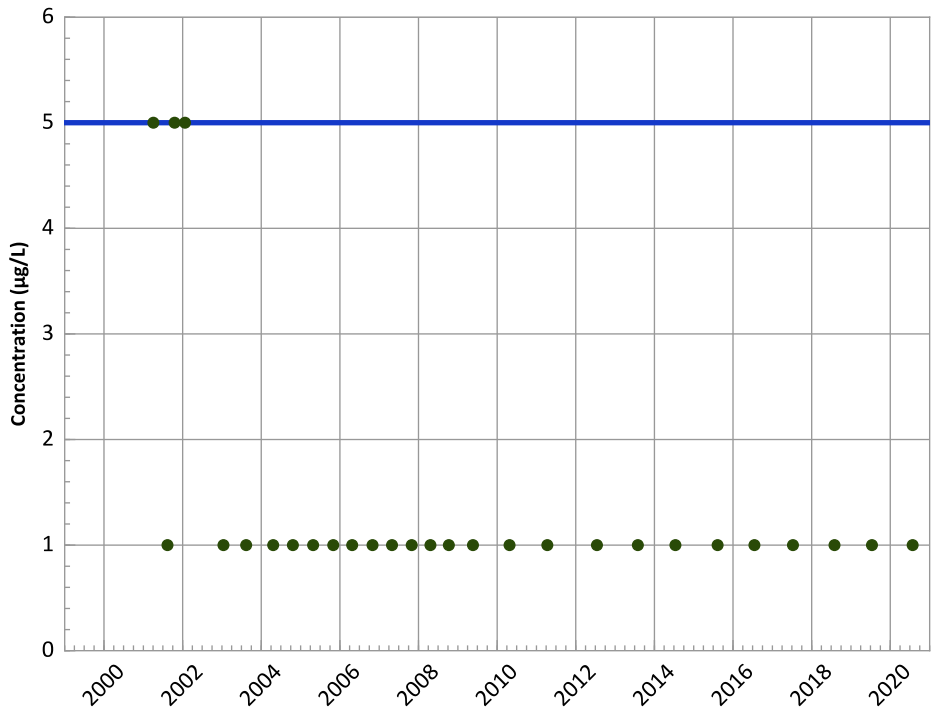
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

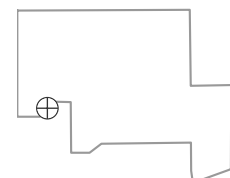
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

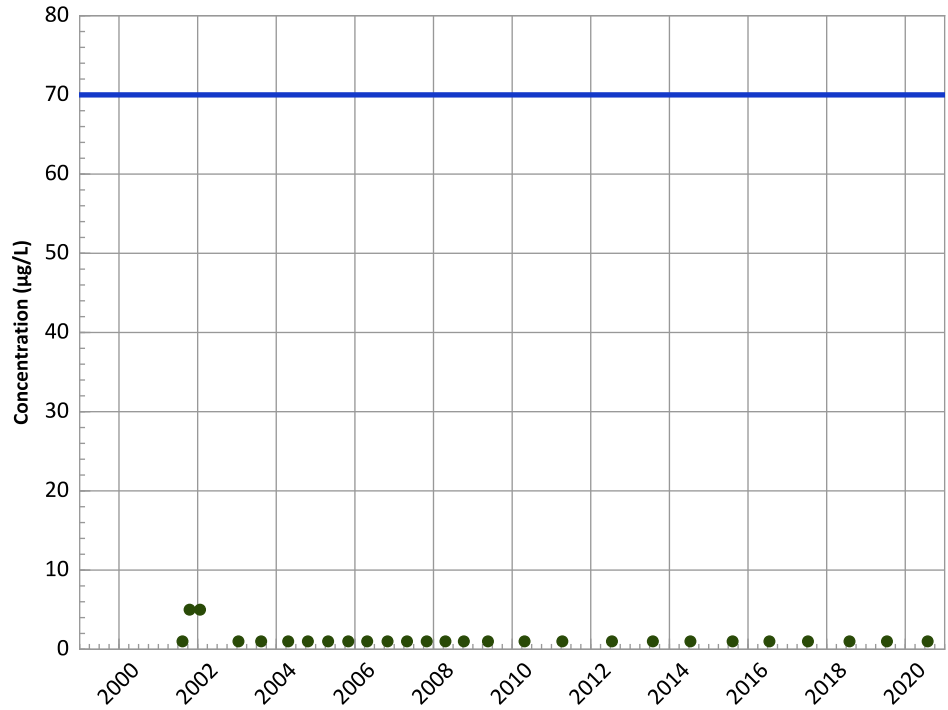
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

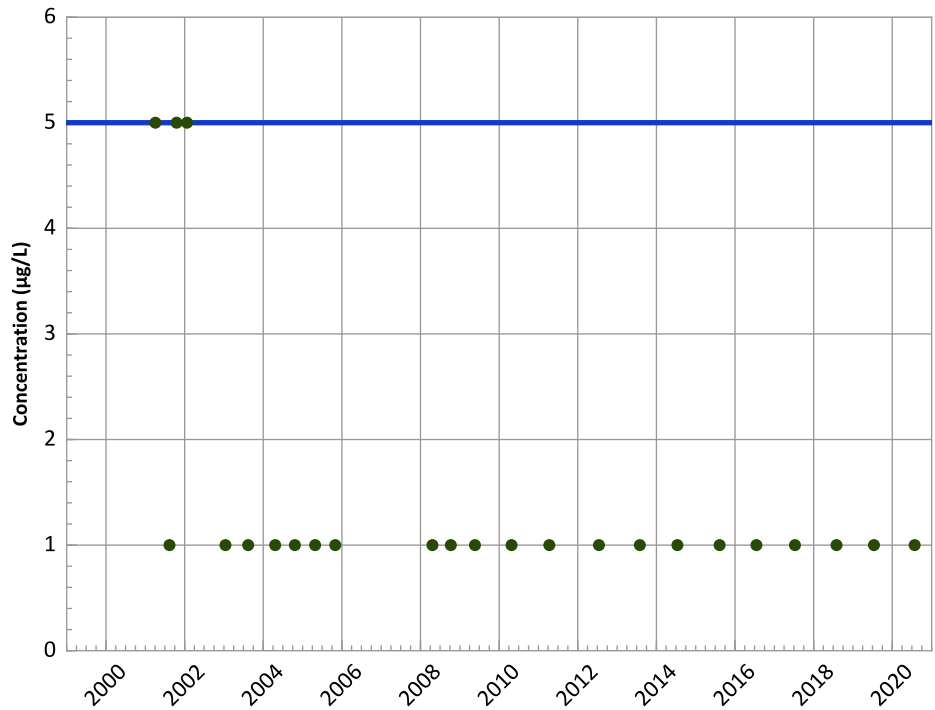
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

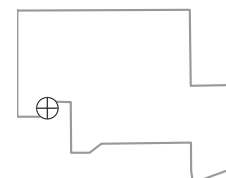
All Data:

All Non-Detect

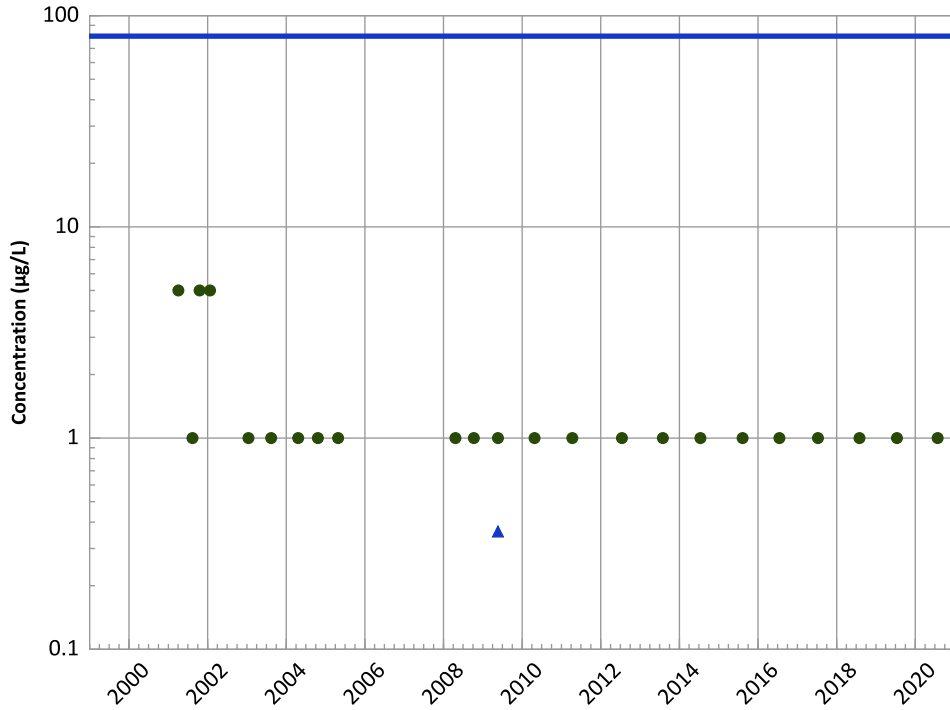
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

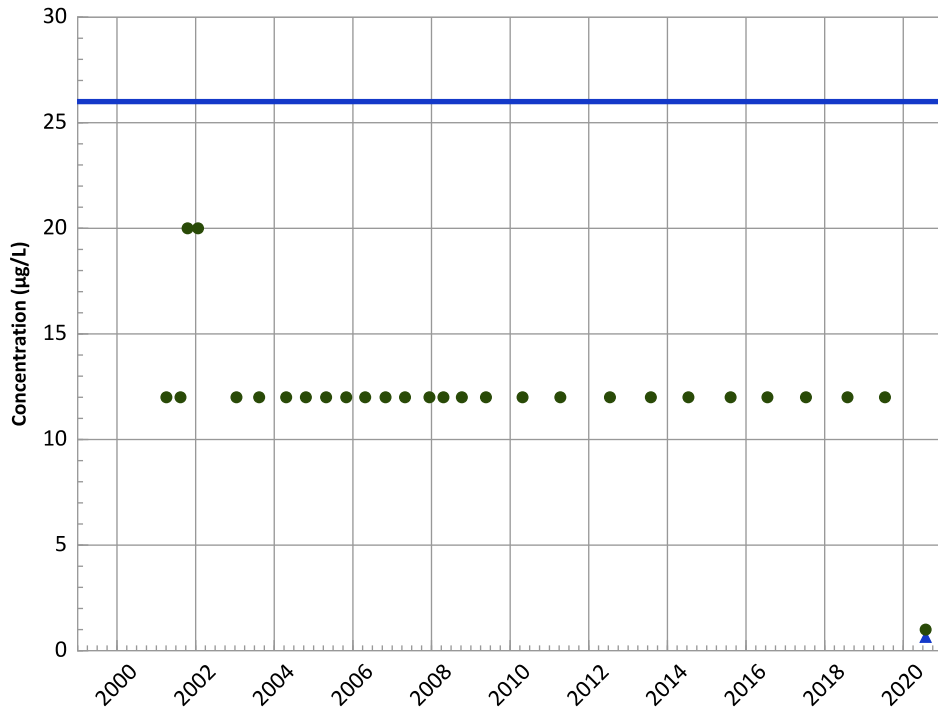


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend

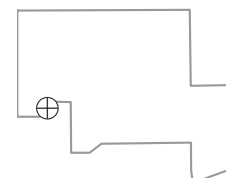


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

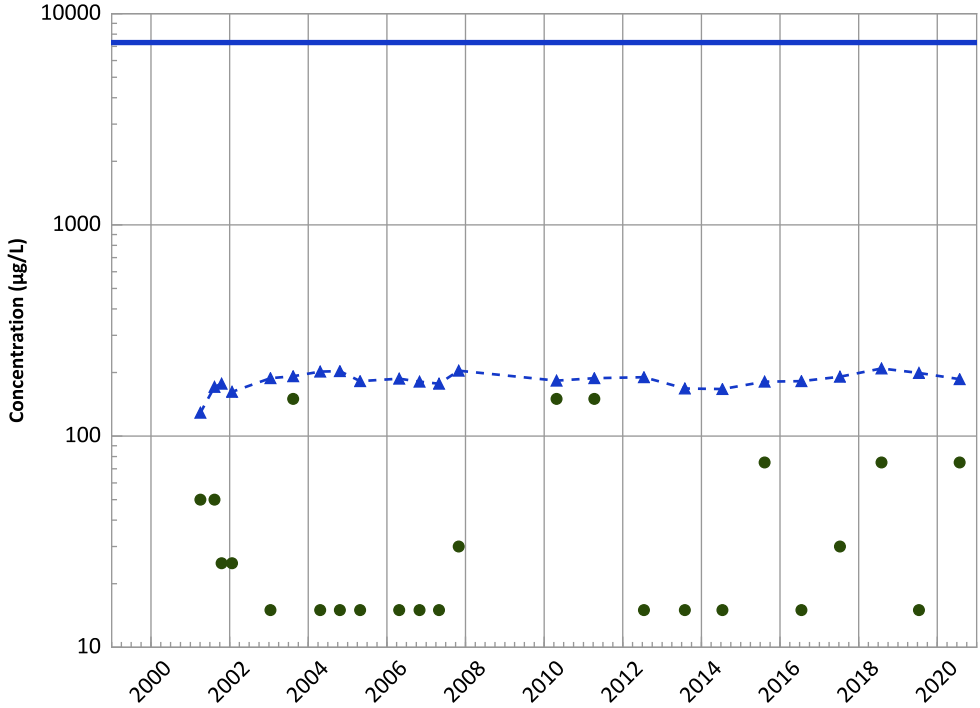


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

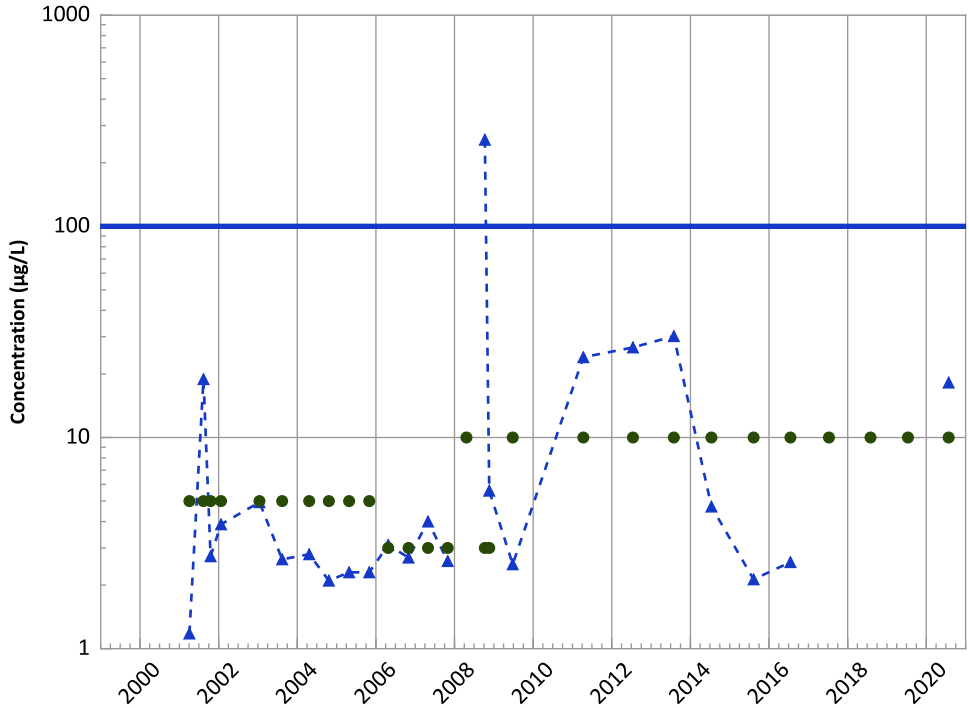
MAROS Mann-Kendall Method

2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Probably Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

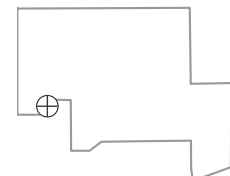
MAROS Linear Regression Method

2018 - 2020 Data:
Probably Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

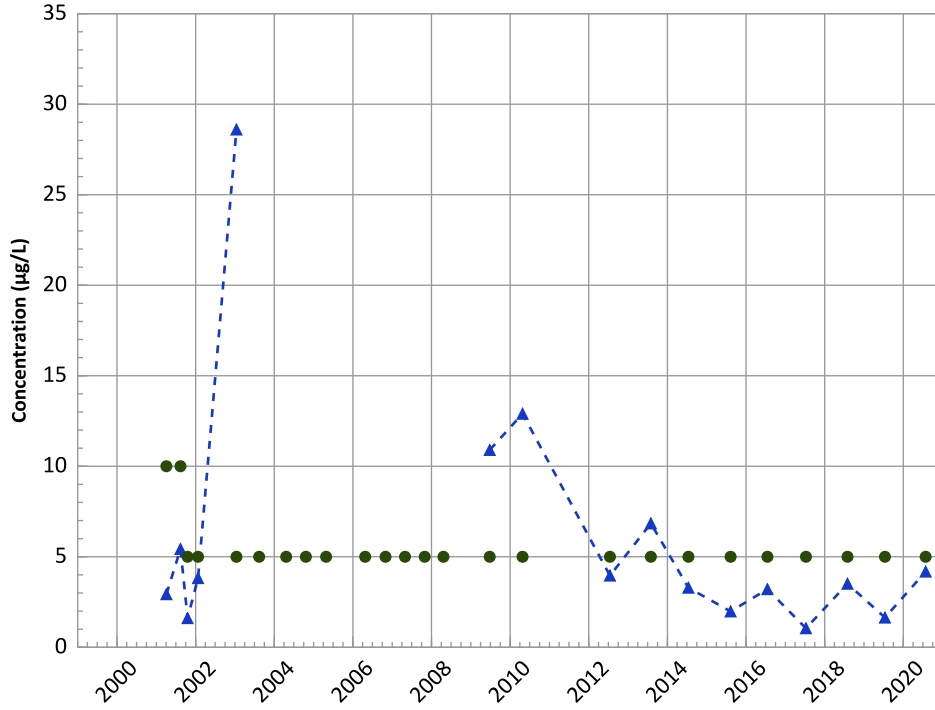
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

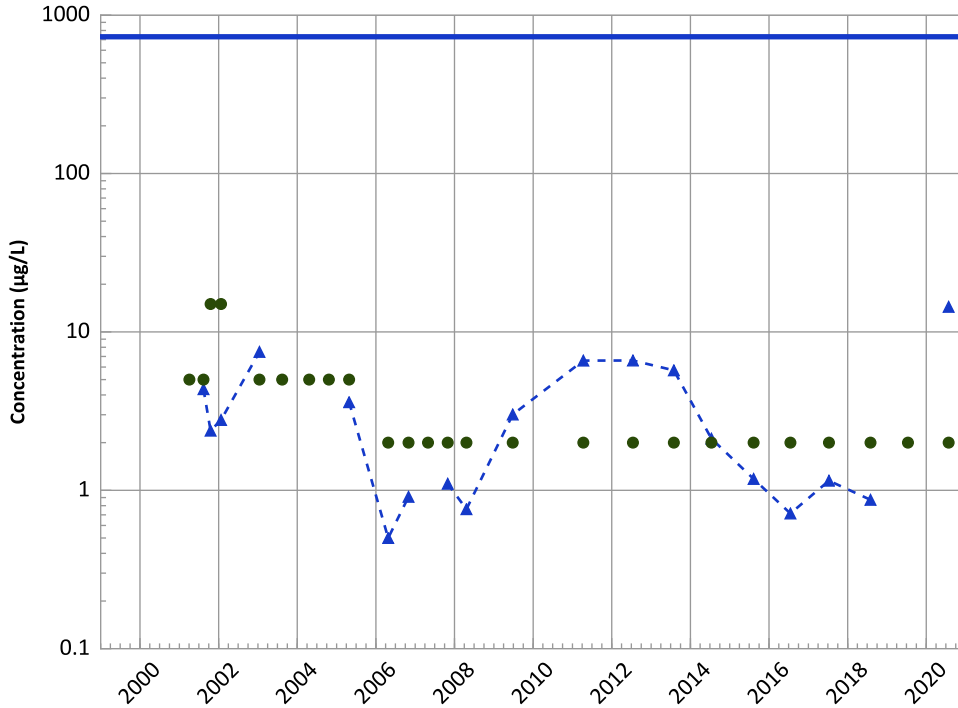
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

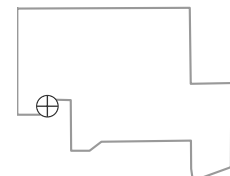
2018 - 2020 Data:

Increasing

All Data:

Stable

Well Location

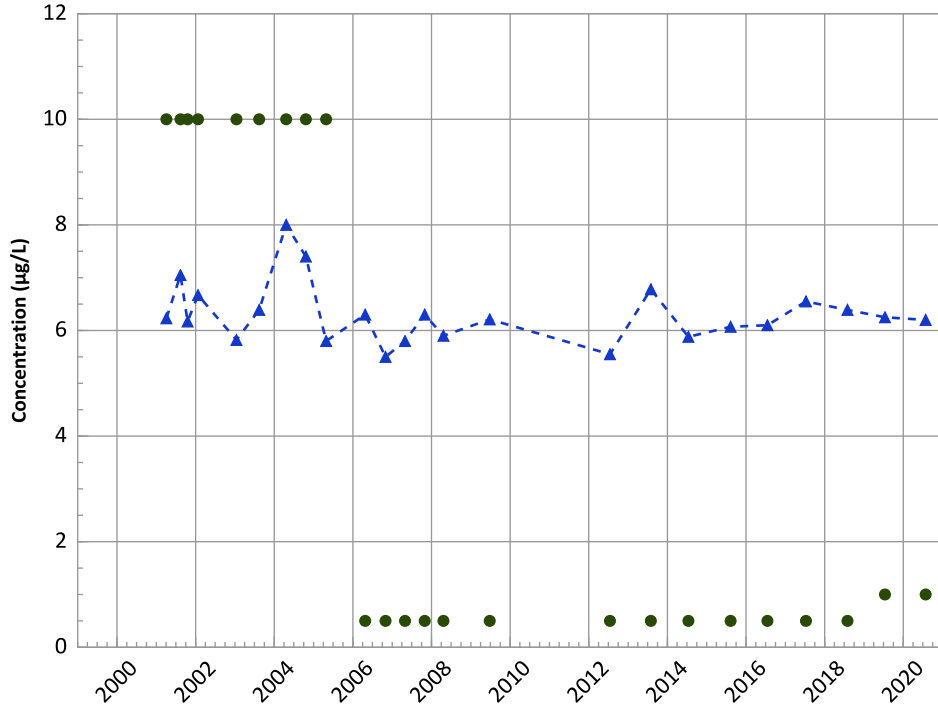


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

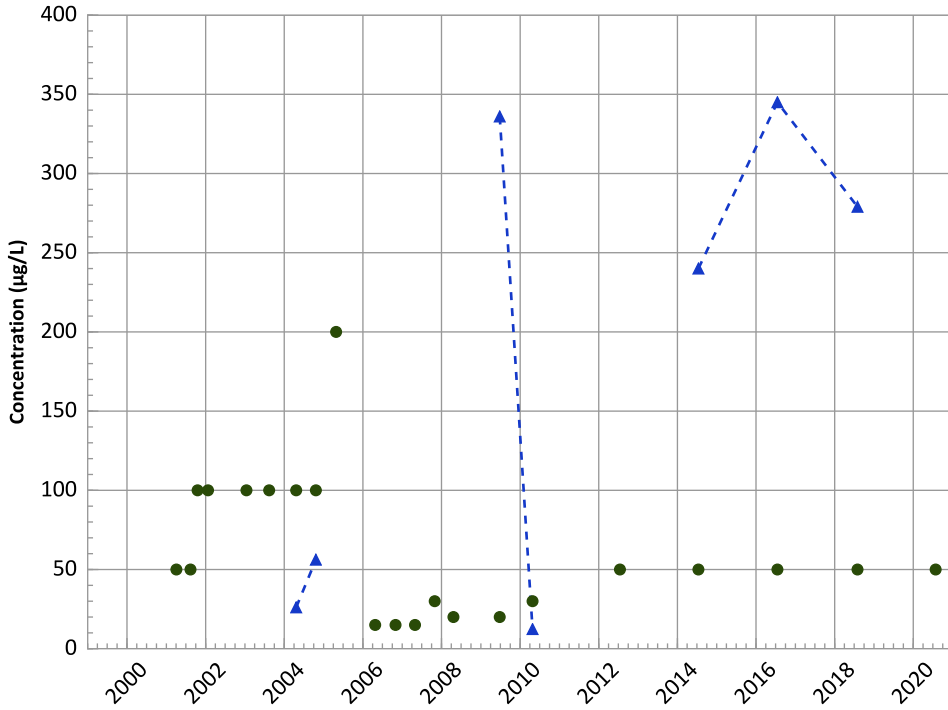
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

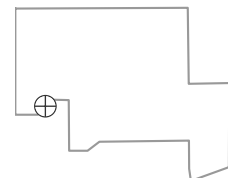
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

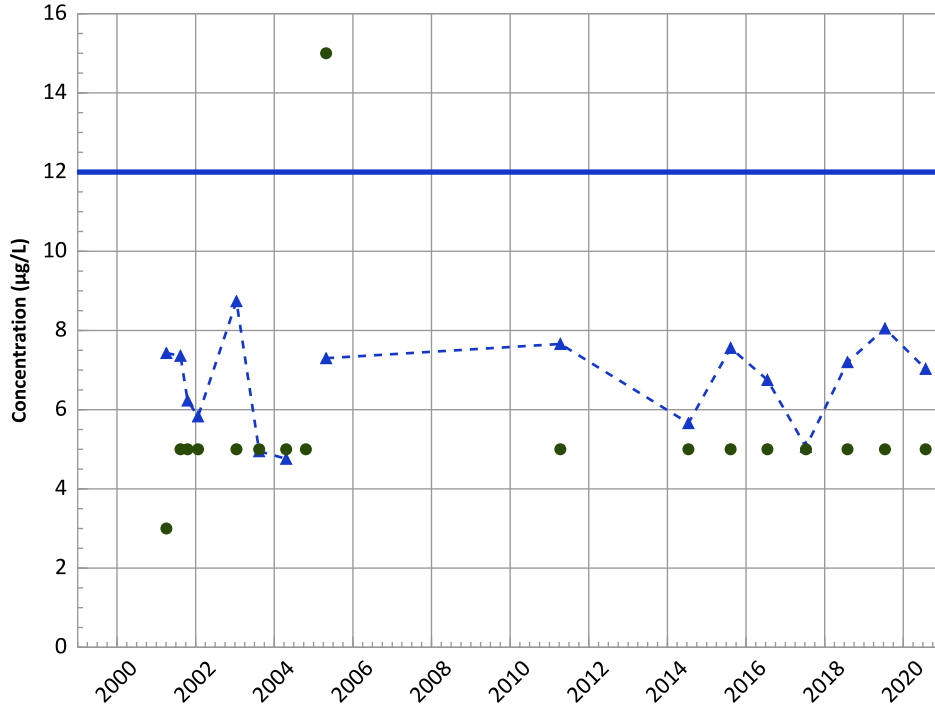
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

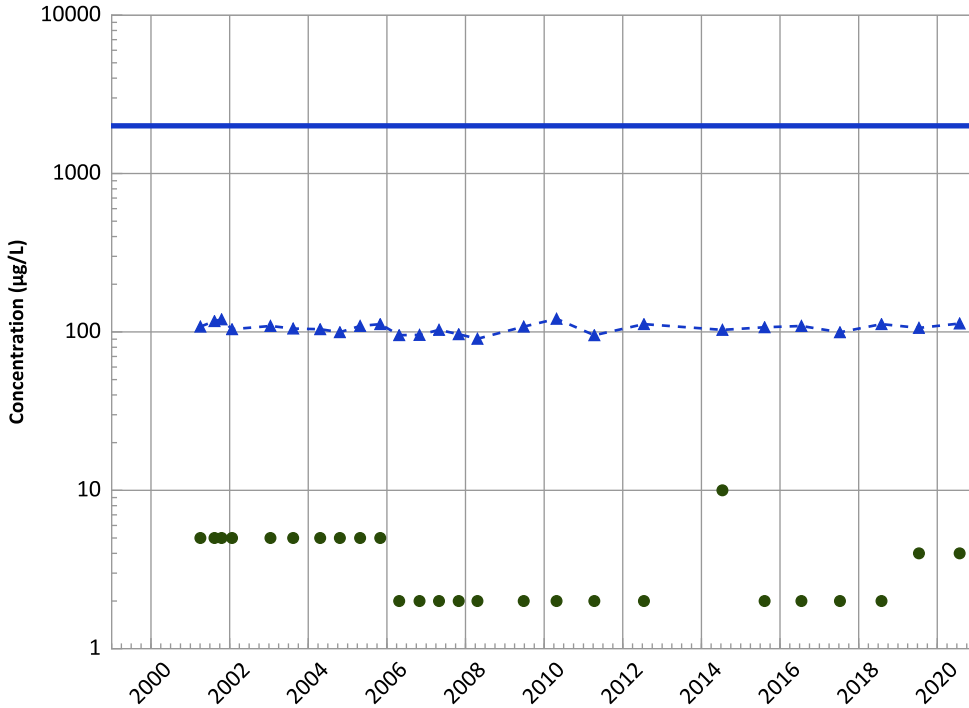


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Stable

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Barium Trend



Concentration Trend

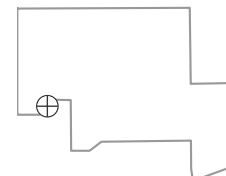
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

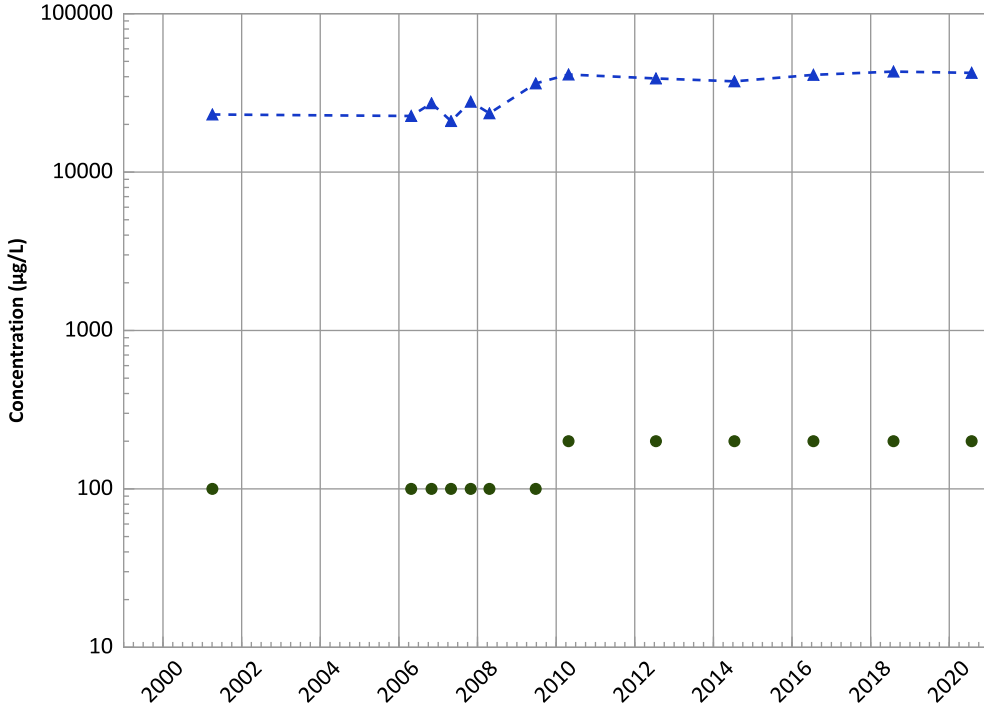
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

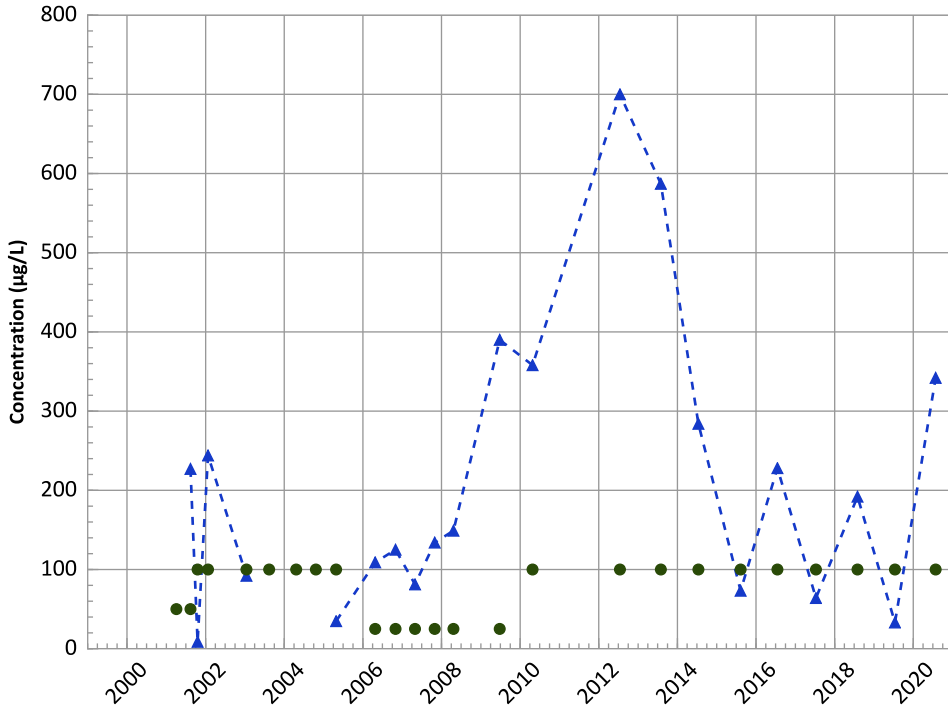
2018 - 2020 Data:

Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

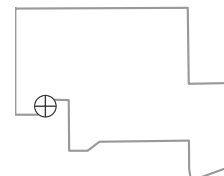
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

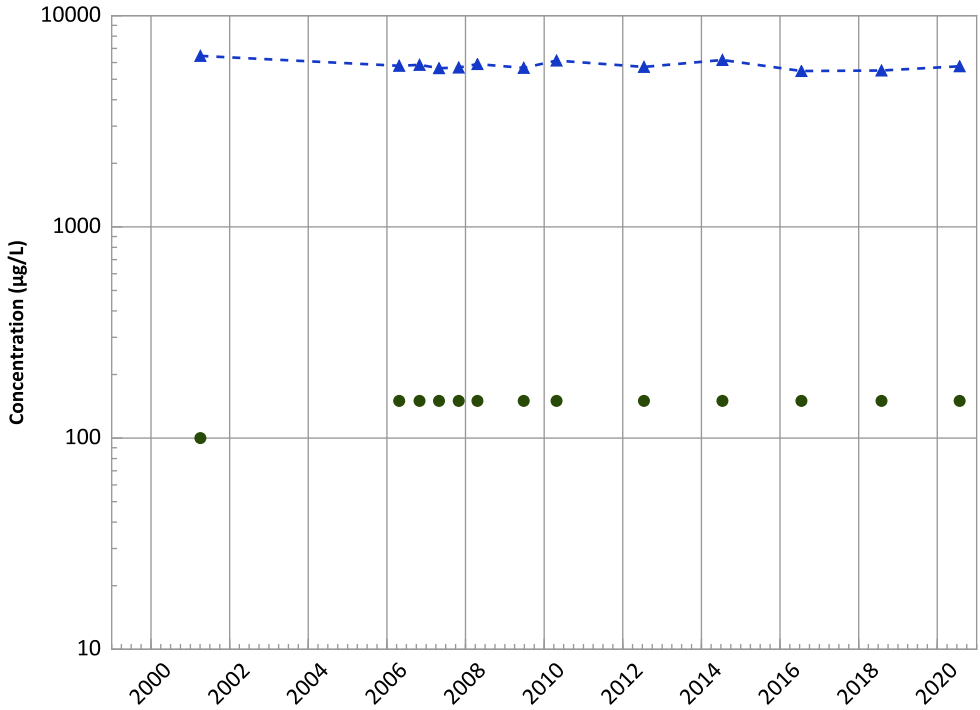
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend

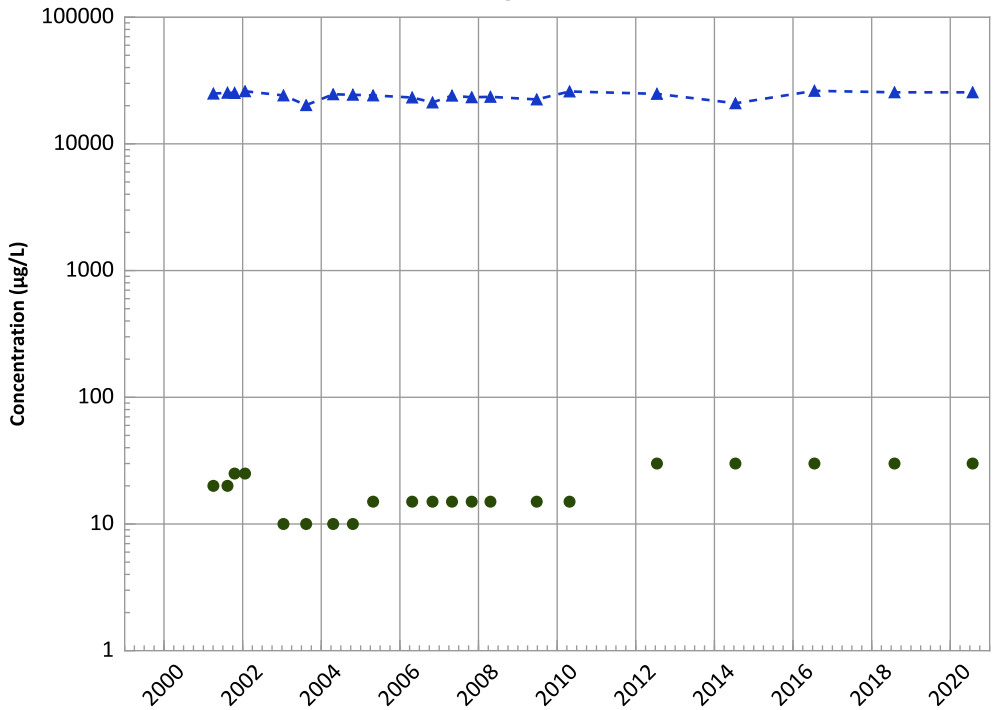


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Decreasing

Magnesium Trend



Concentration Trend

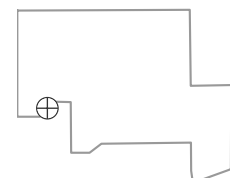
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

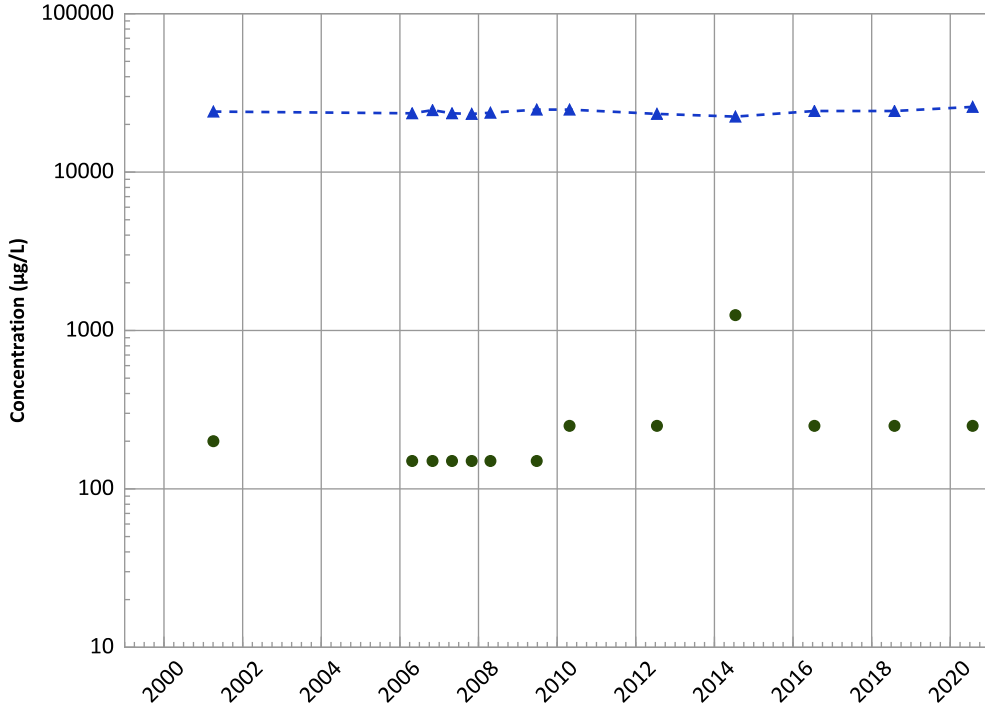
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

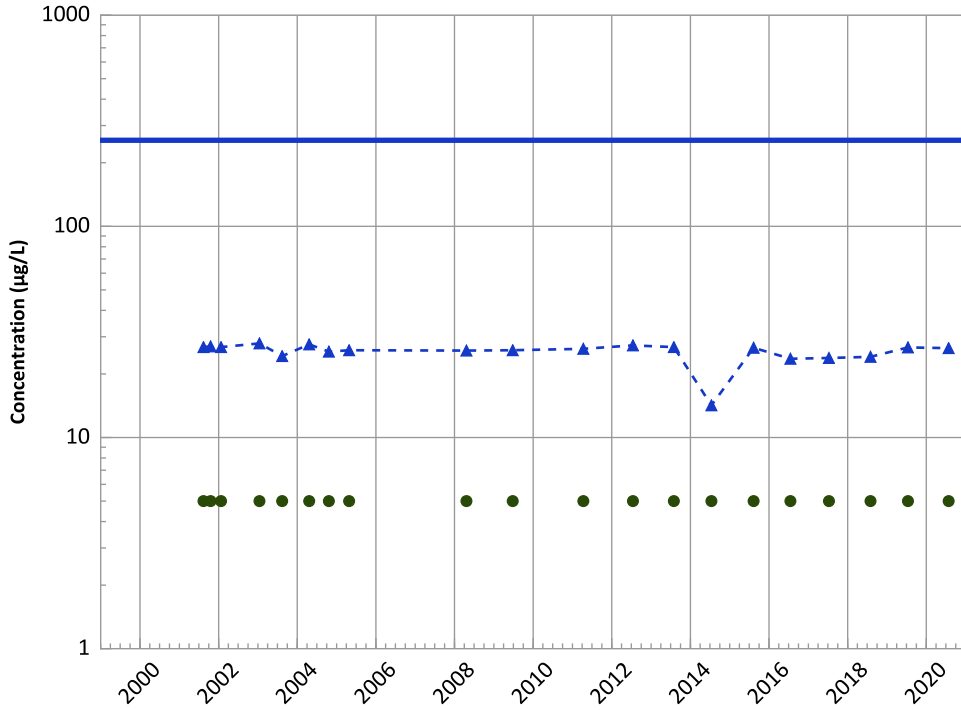
2018 - 2020 Data:

Increasing

All Data:

Increasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

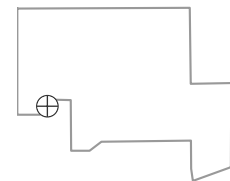
2018 - 2020 Data:

No Trend

All Data:

Stable

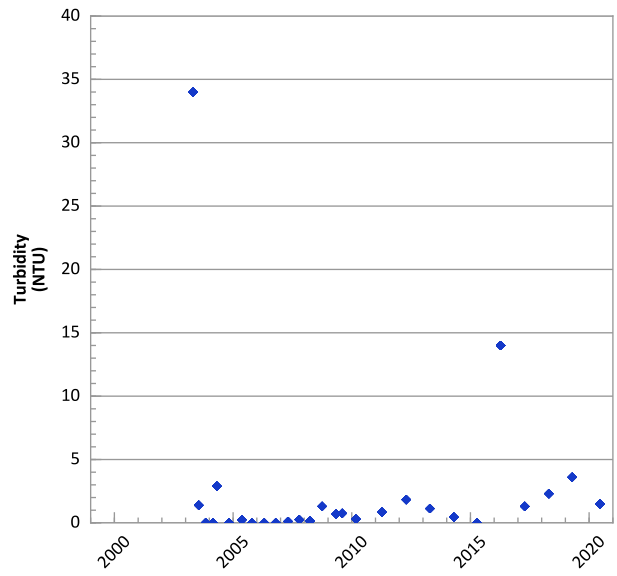
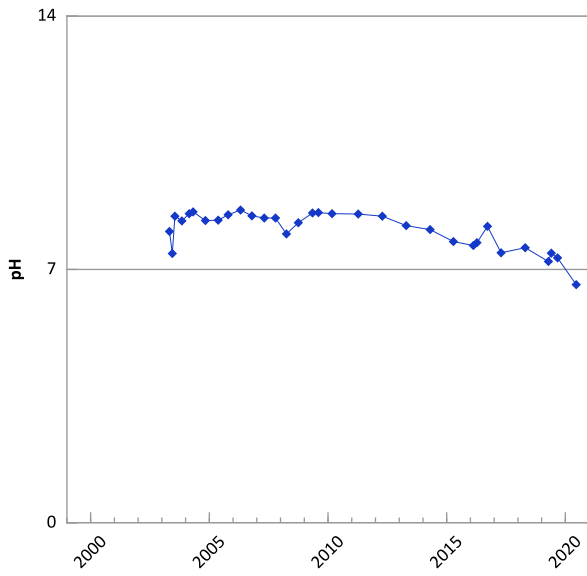
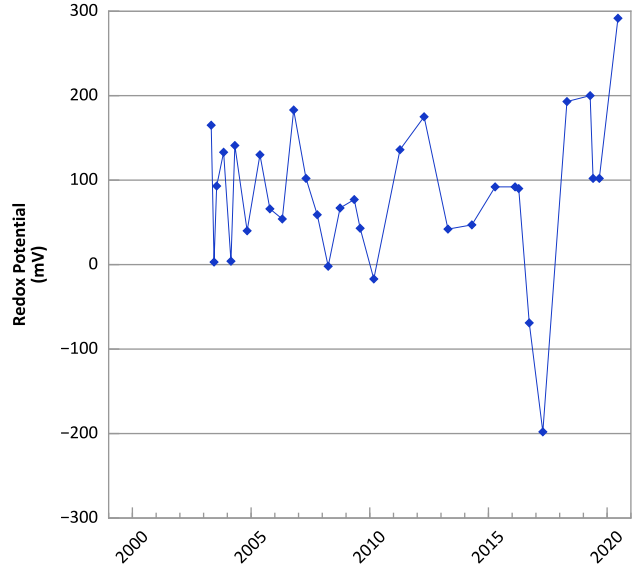
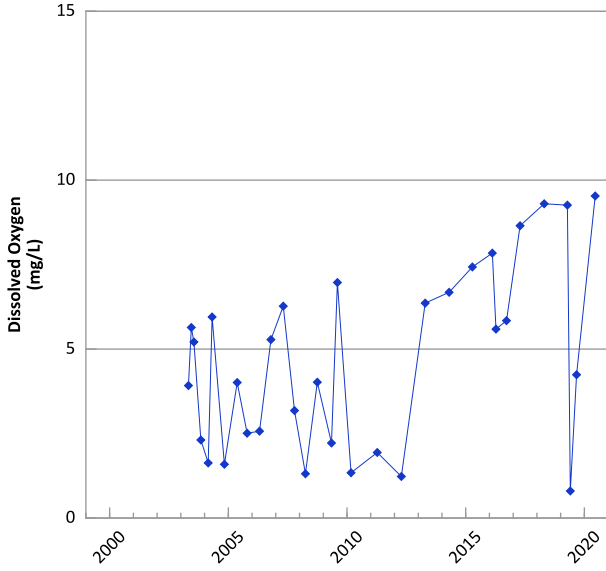
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/04/2001 to 07/27/2020
Analysis Date: 06/03/2021

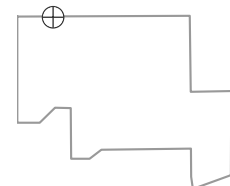
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



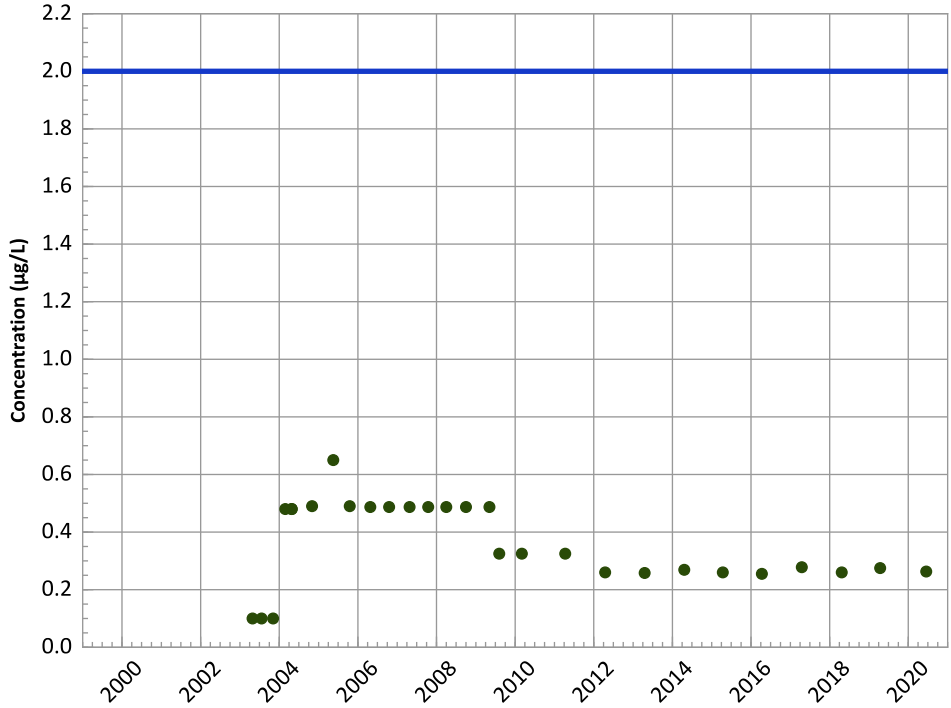
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 04/28/2003 to 06/16/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

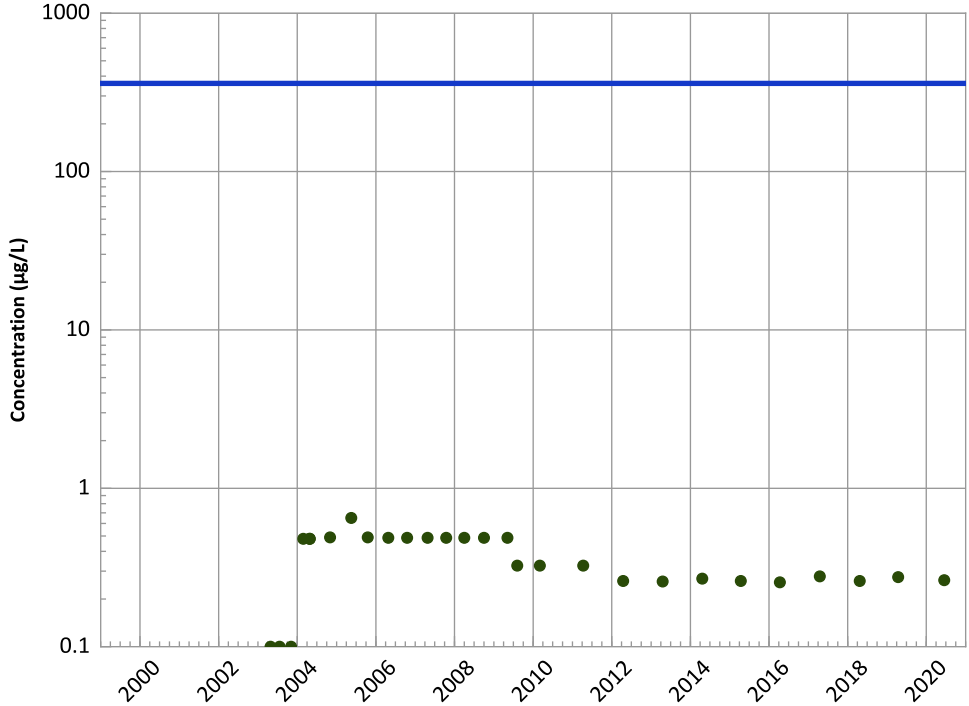
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

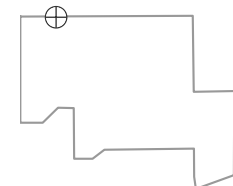
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

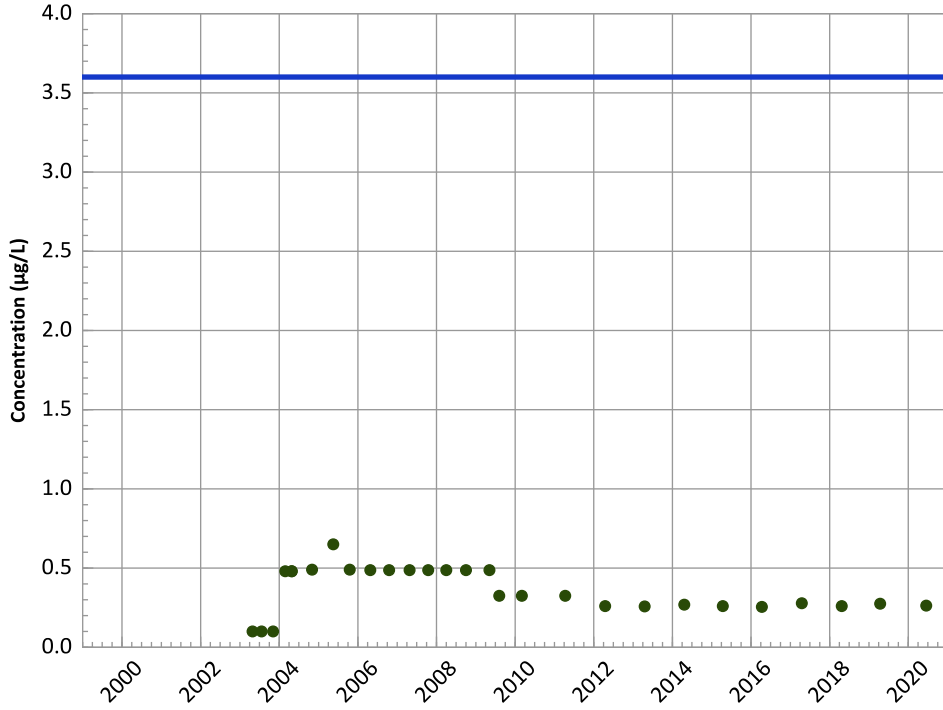
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

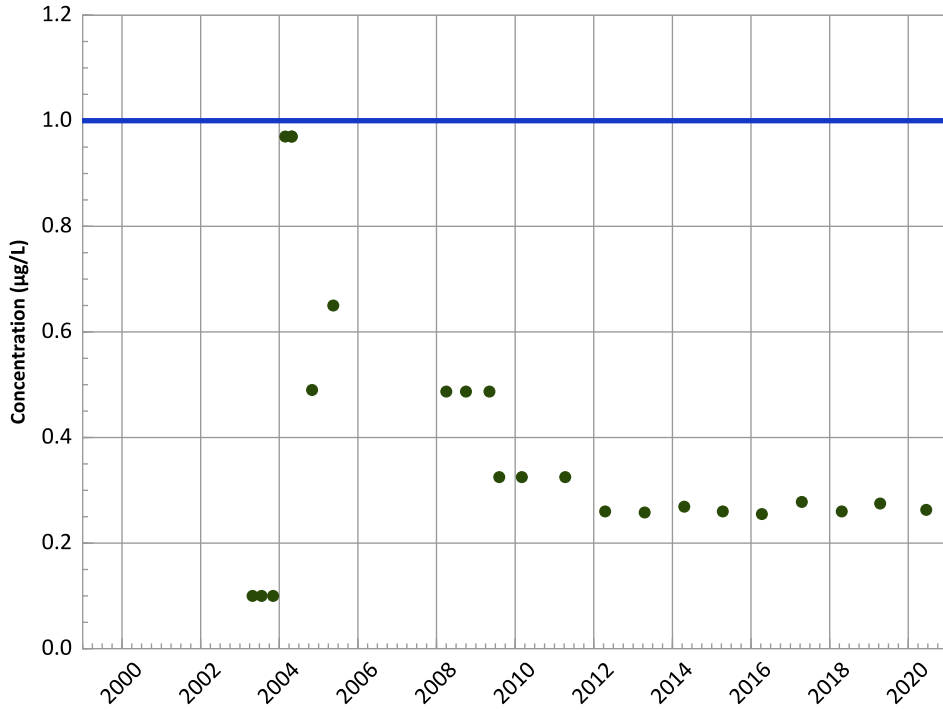
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

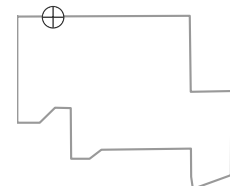
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

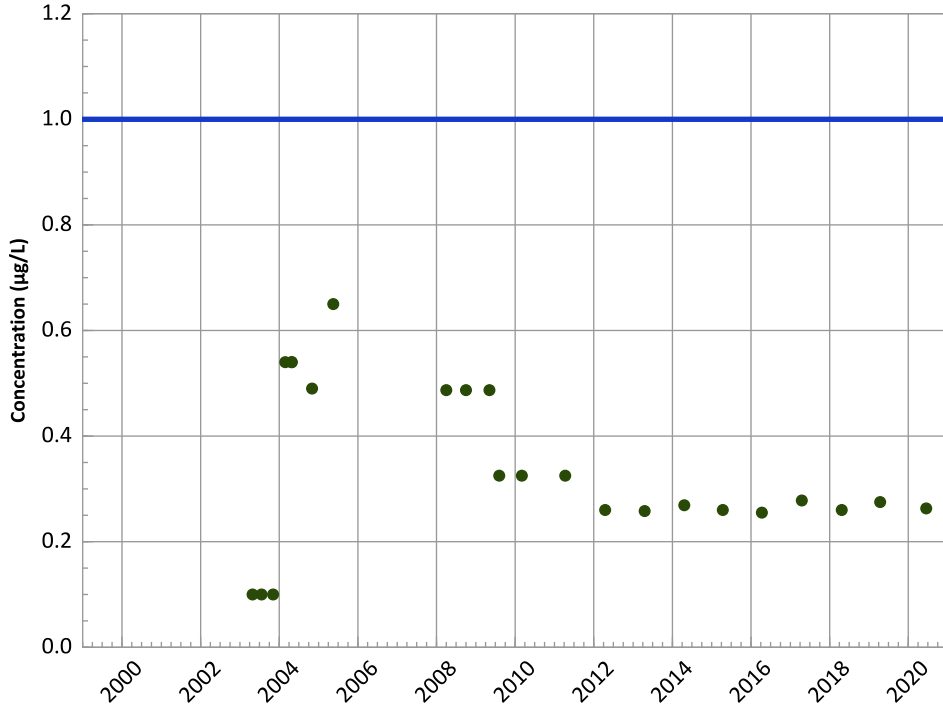
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

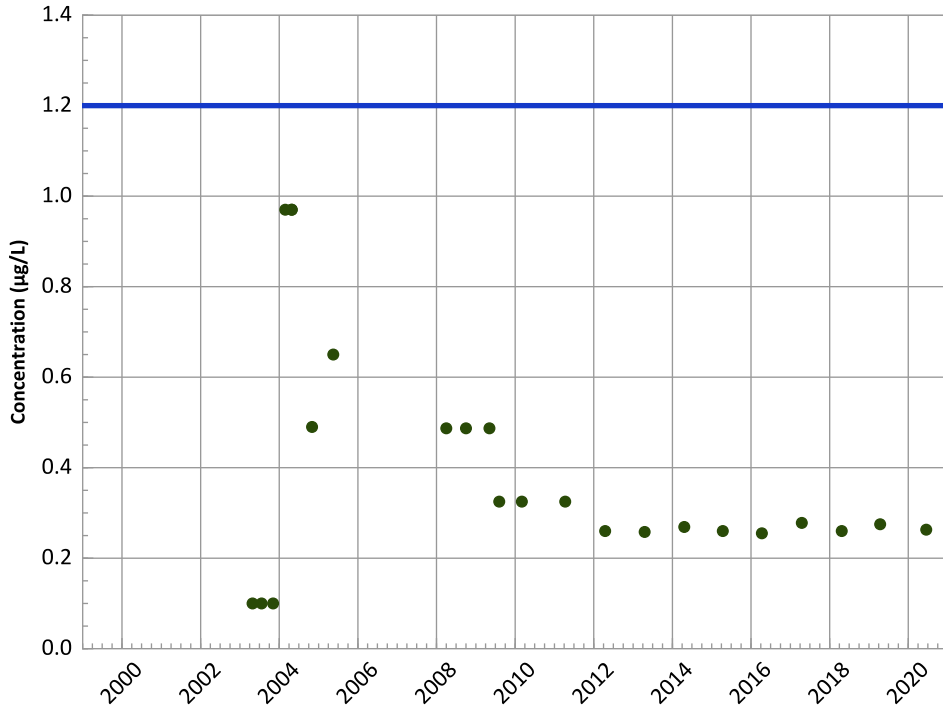
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

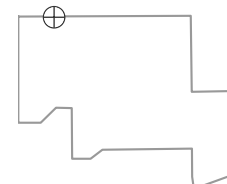
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

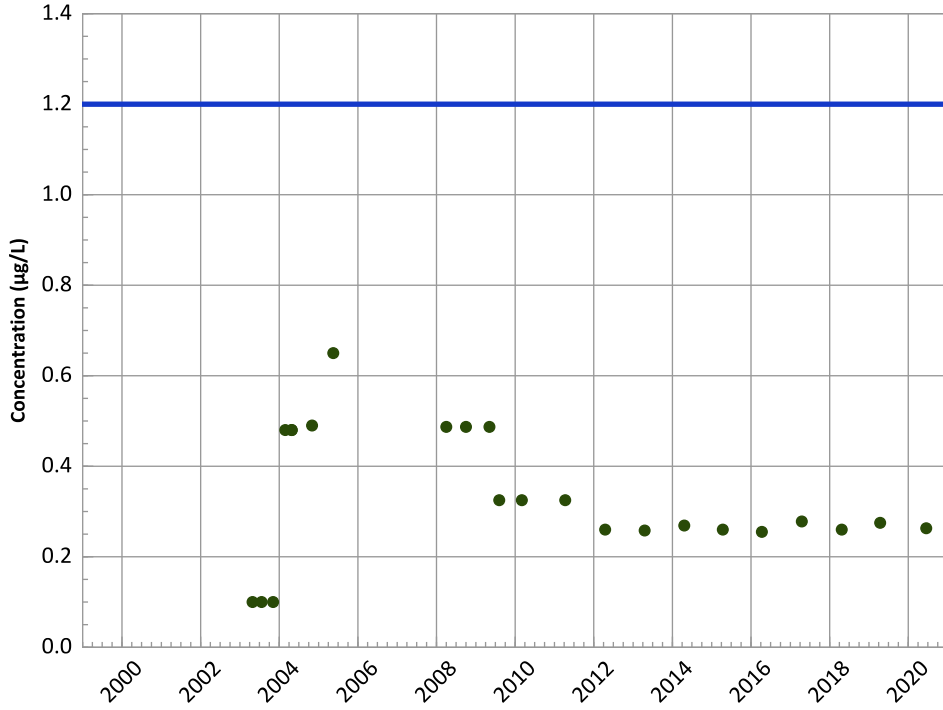
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

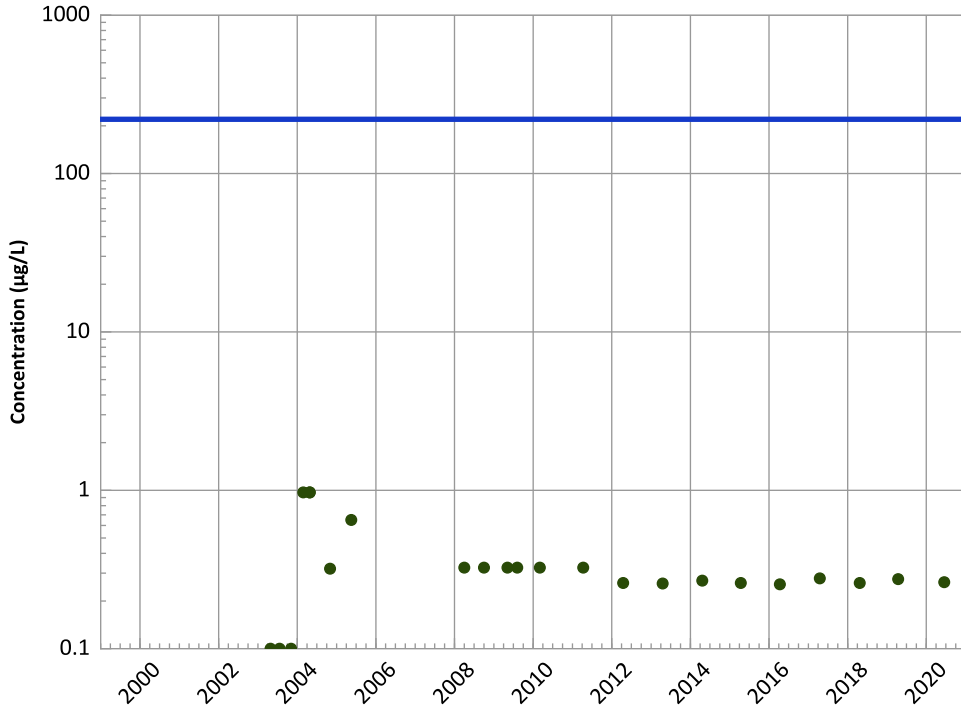
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

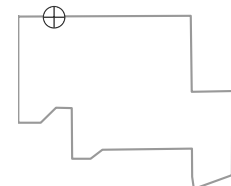
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

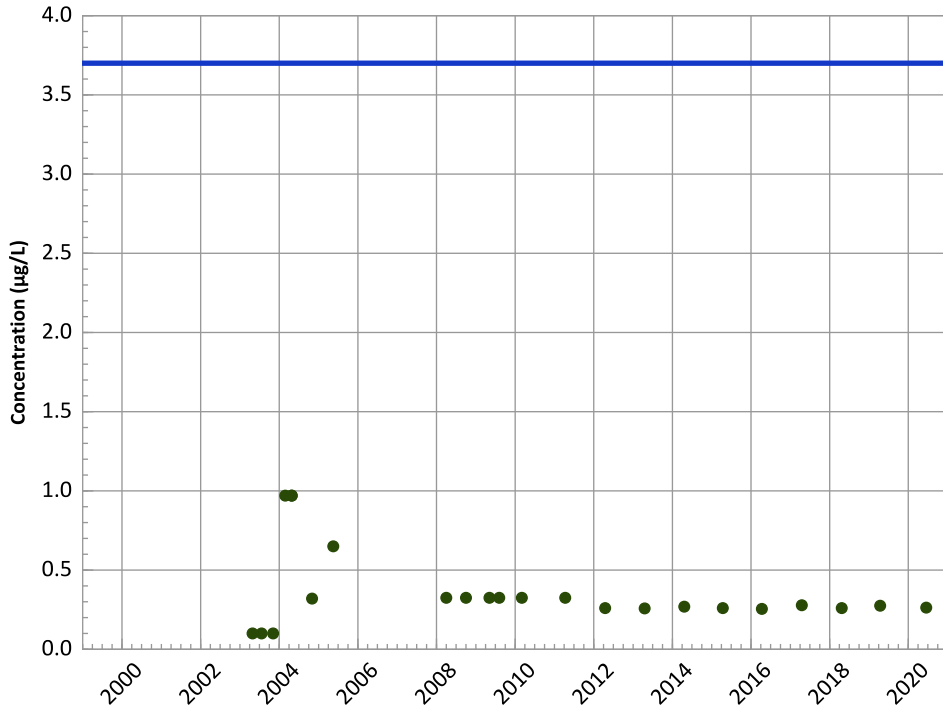
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

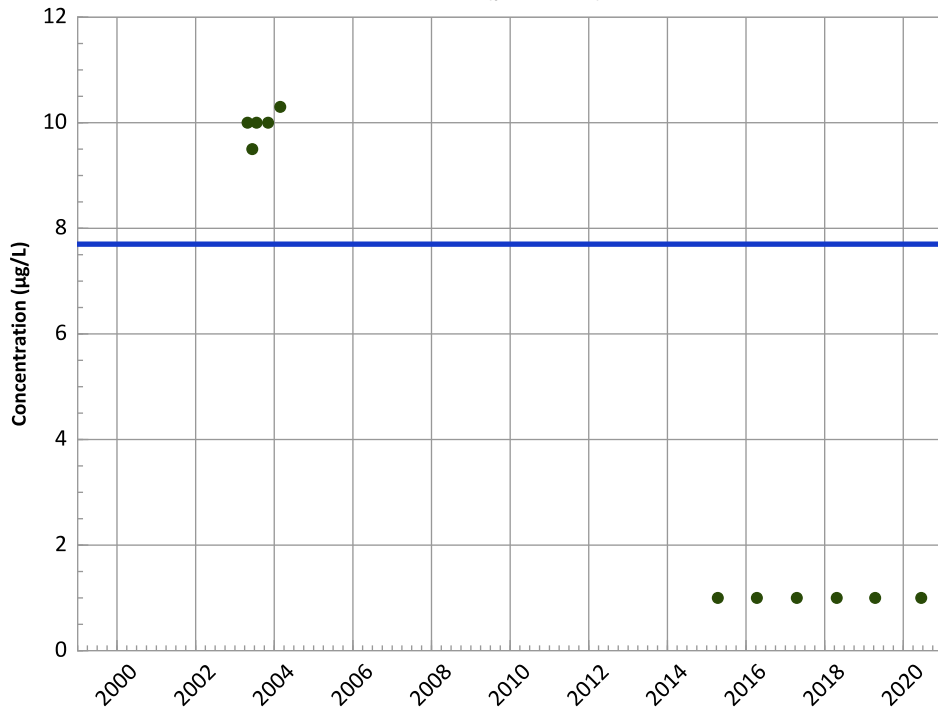
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

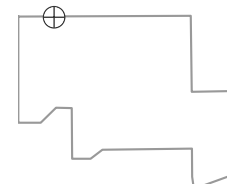
All Data:

All Non-Detect

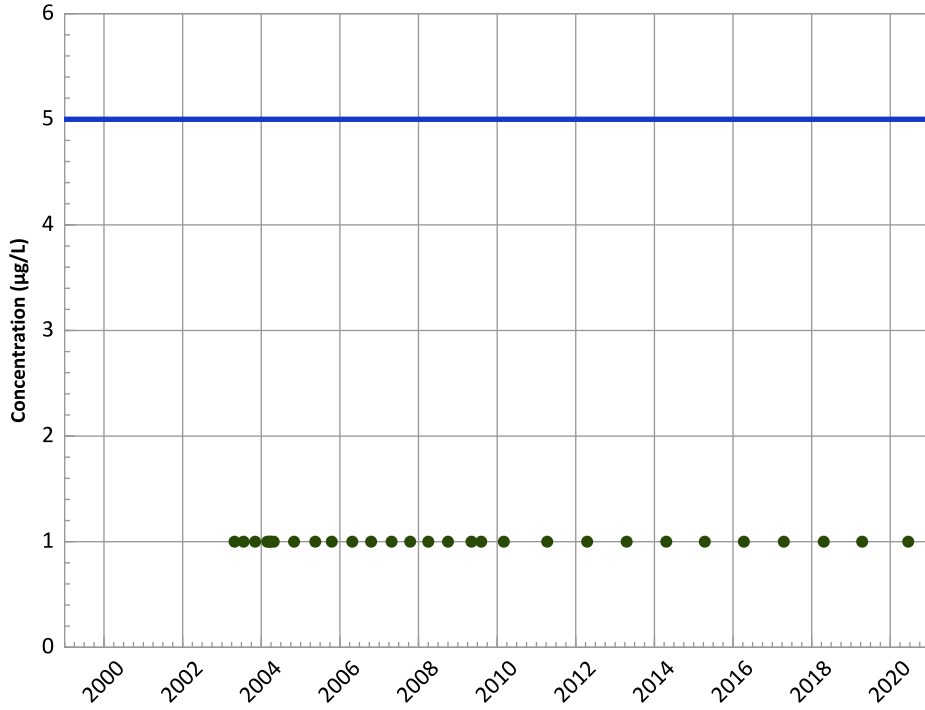
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

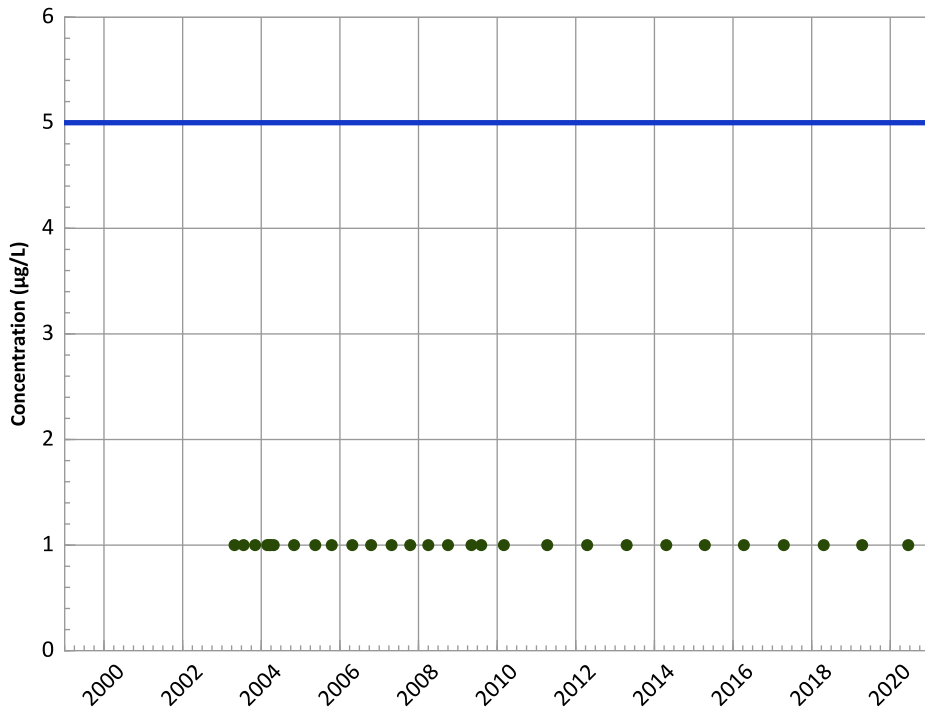
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

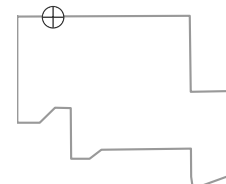
All Data:

All Non-Detect

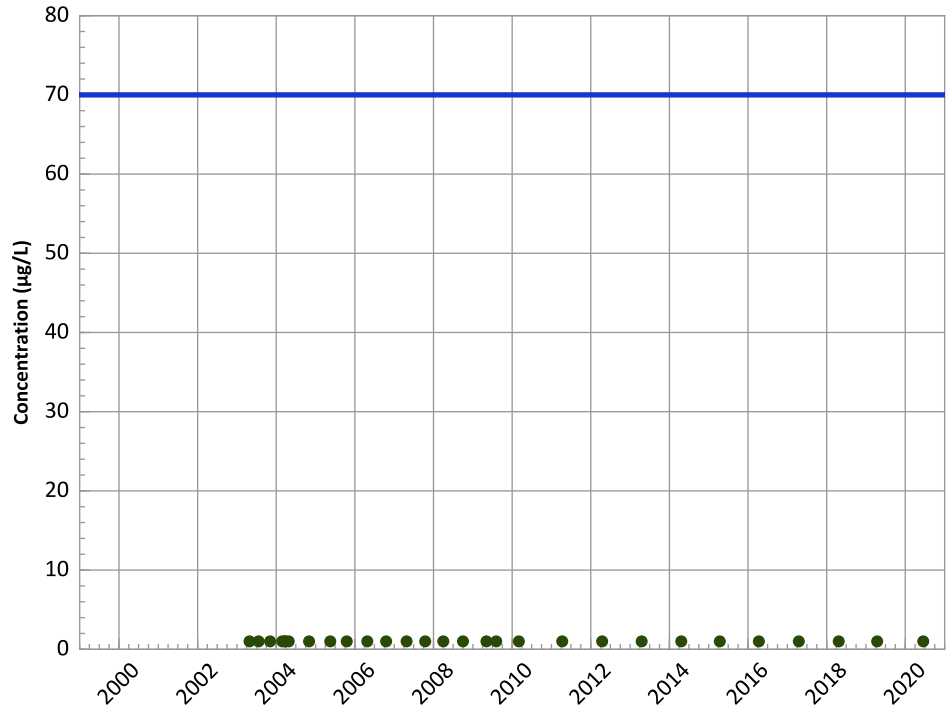
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

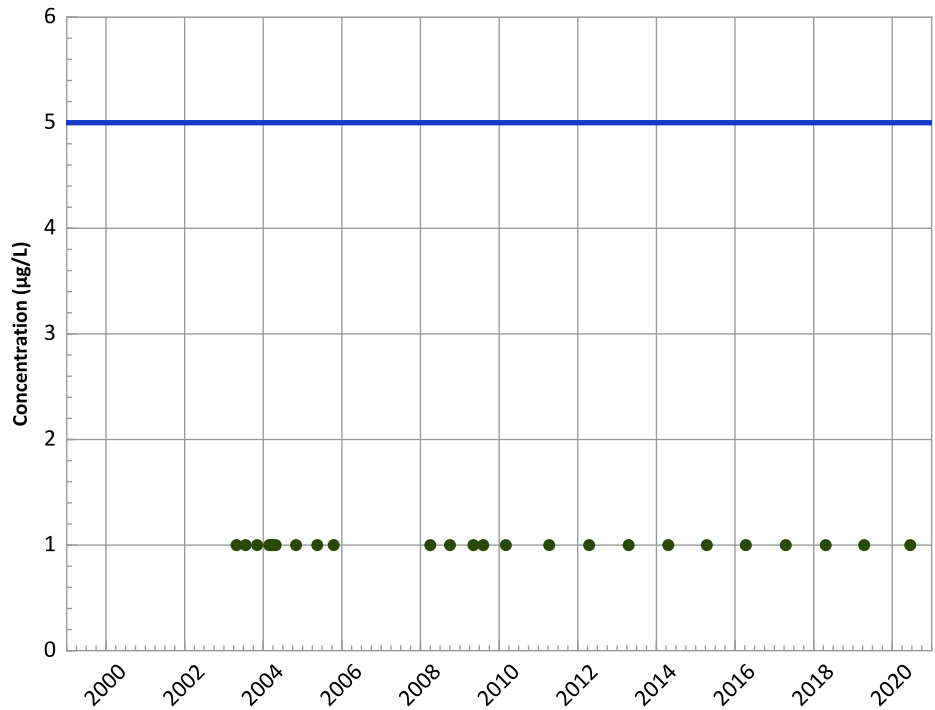
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

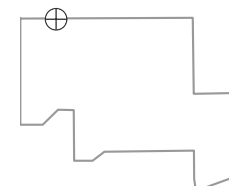
All Data:

All Non-Detect

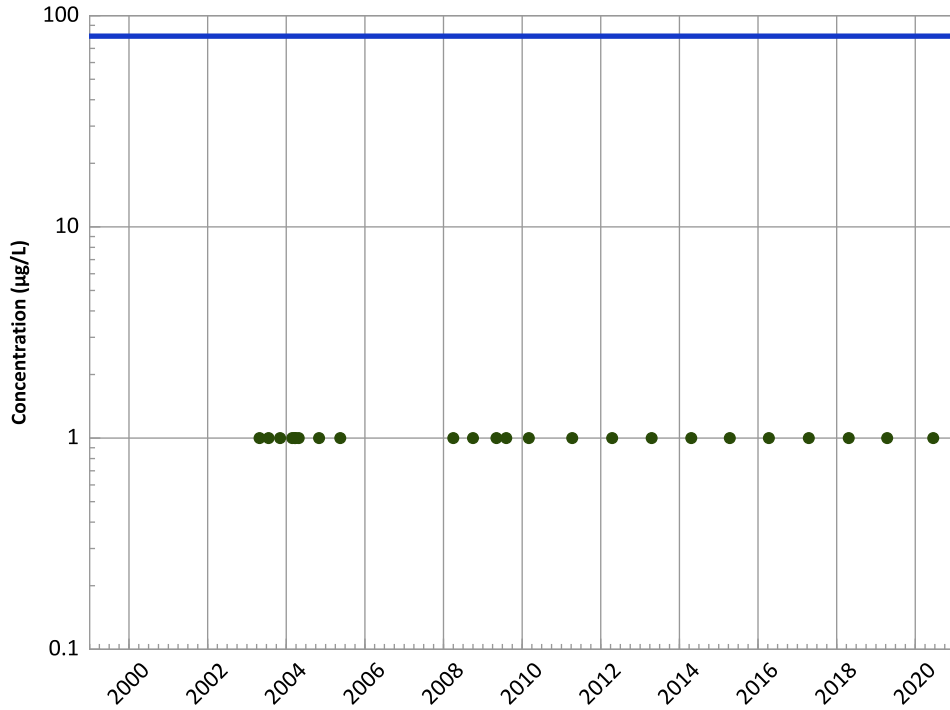
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

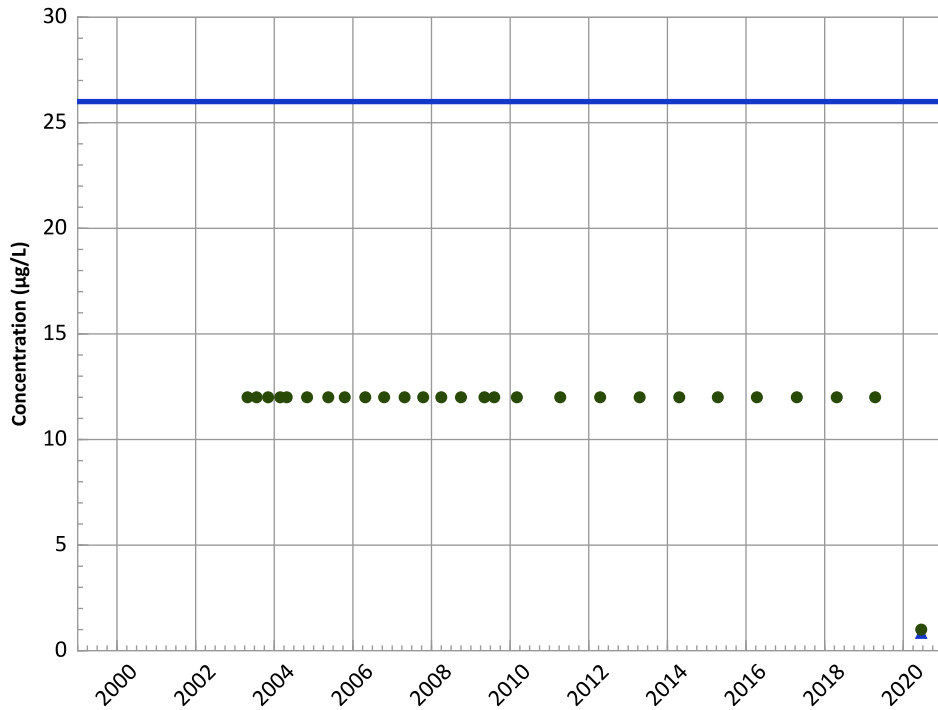
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

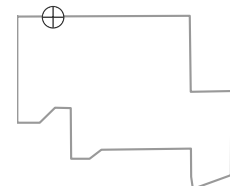
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

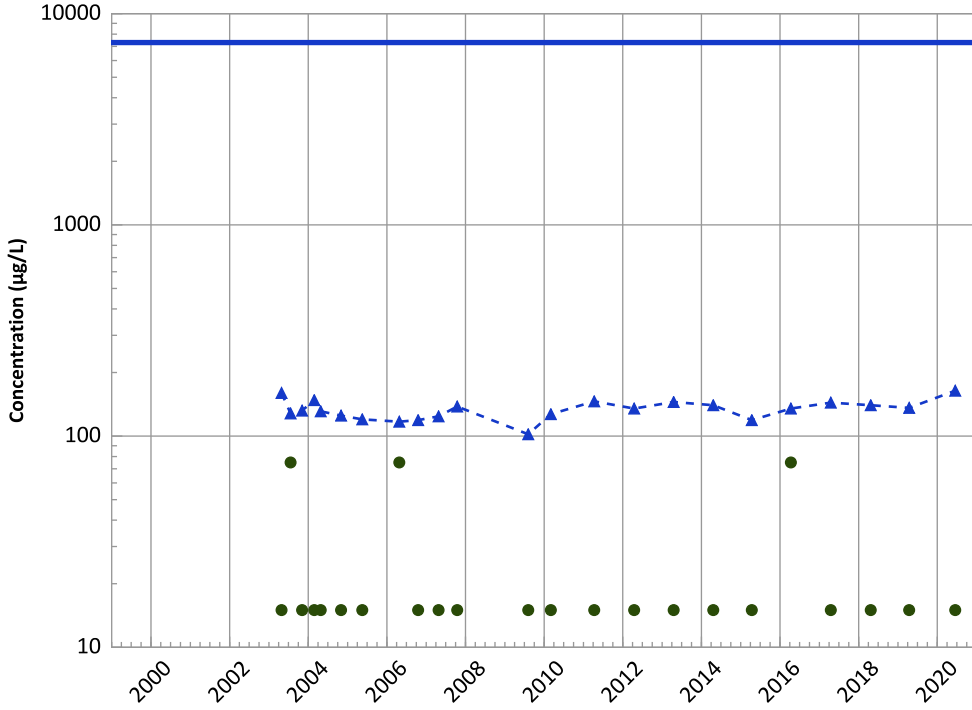
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

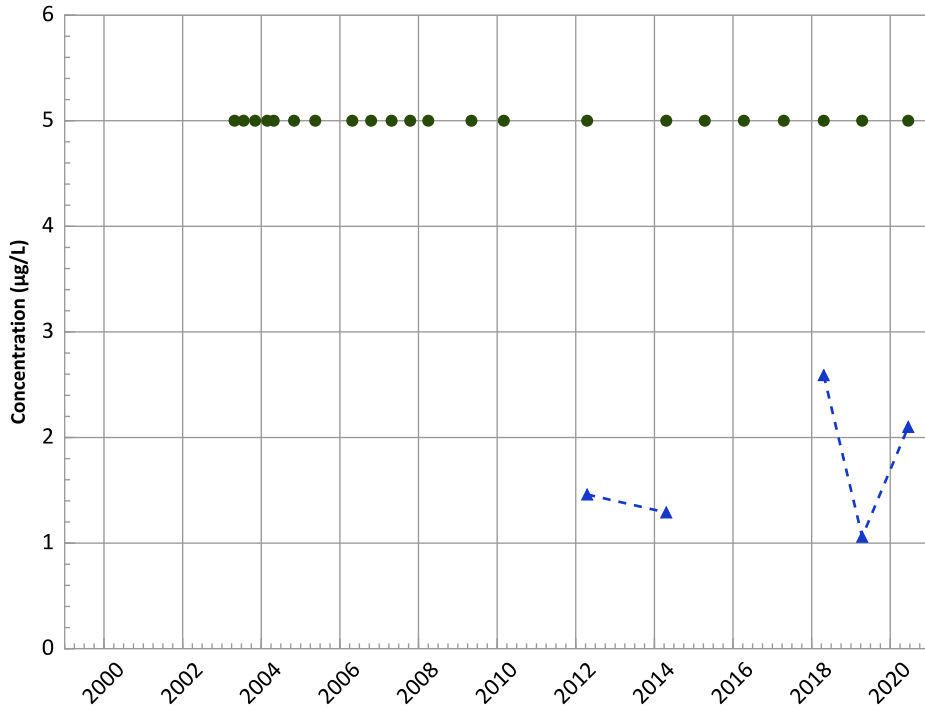
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

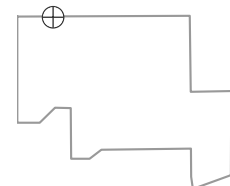
2018 - 2020 Data:

Stable

All Data:

Stable

Well Location

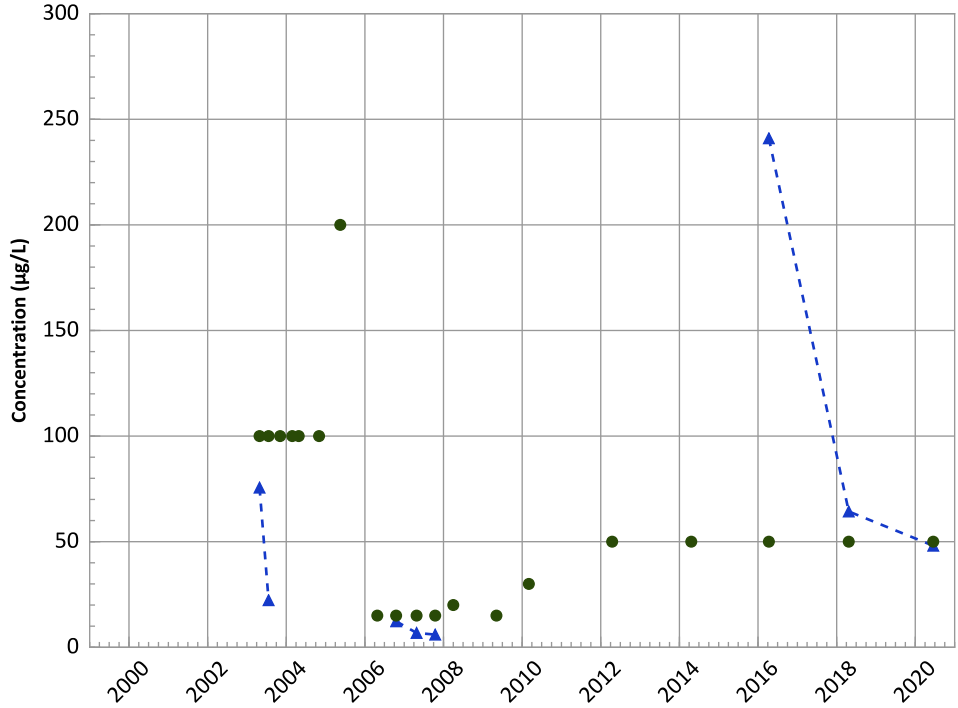


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

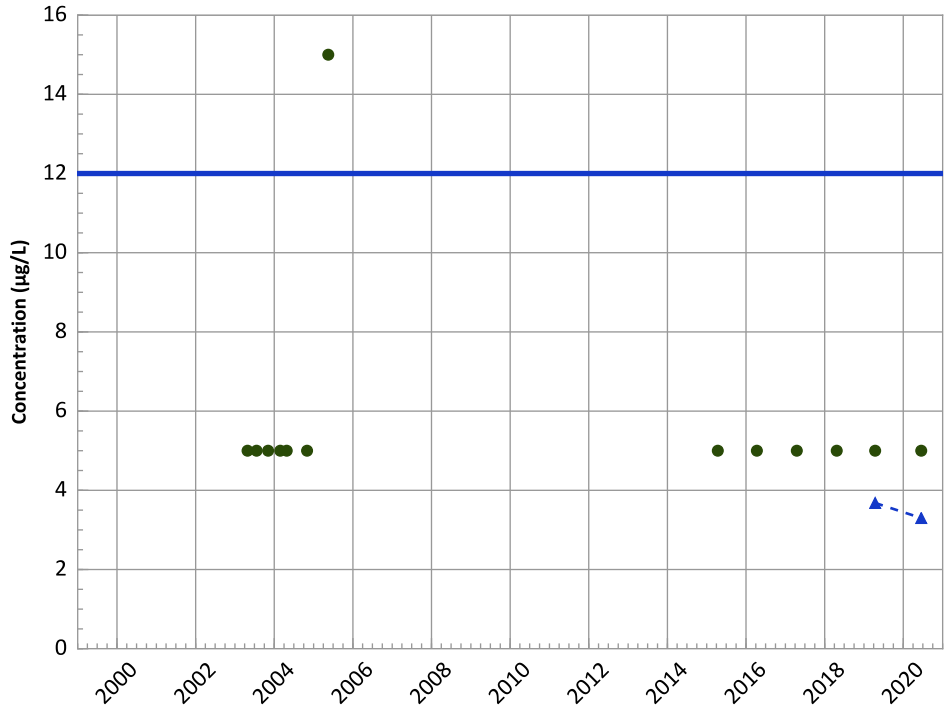


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

Arsenic Trend

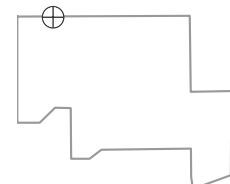


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Increasing

Well Location

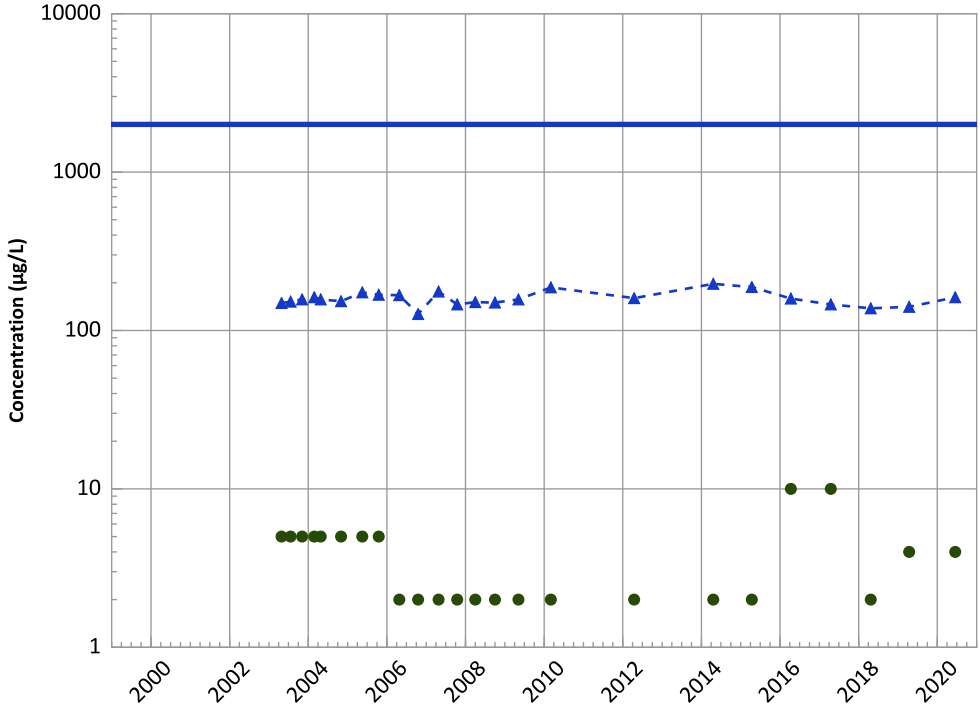


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

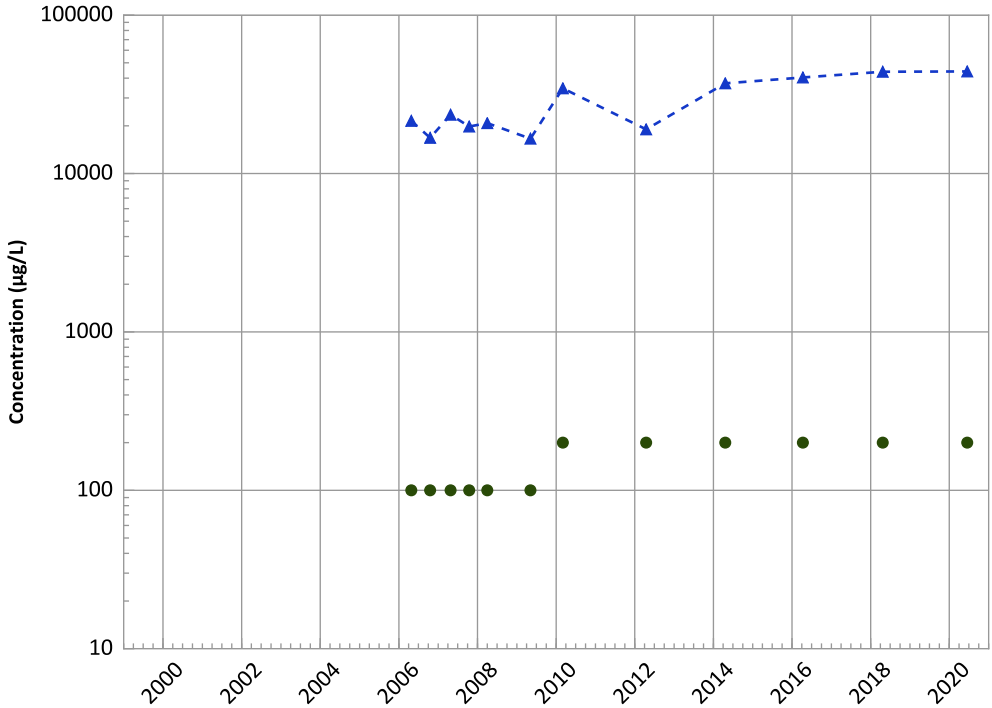
2018 - 2020 Data:

No Trend

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

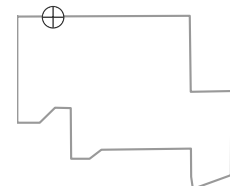
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

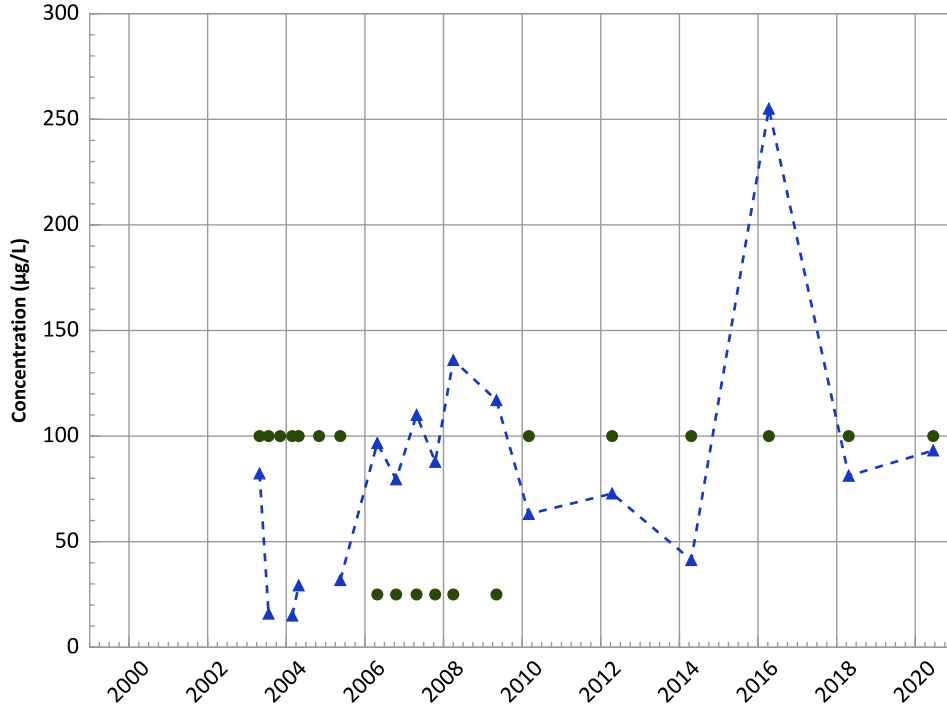
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

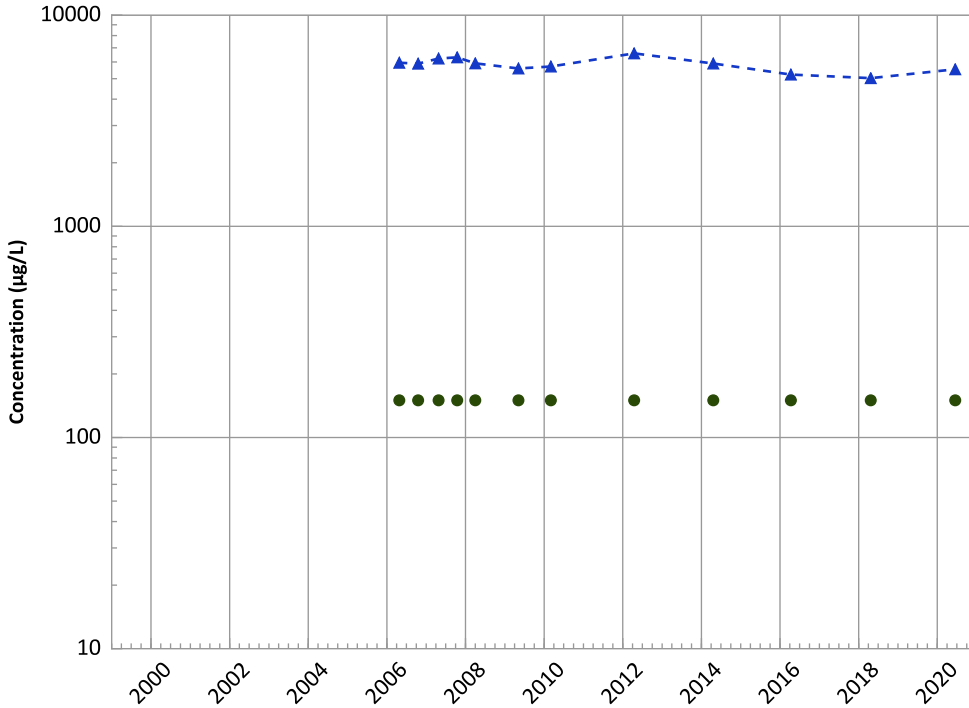
2018 - 2020 Data:

No Trend

All Data:

Increasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

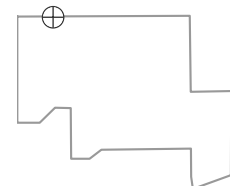
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

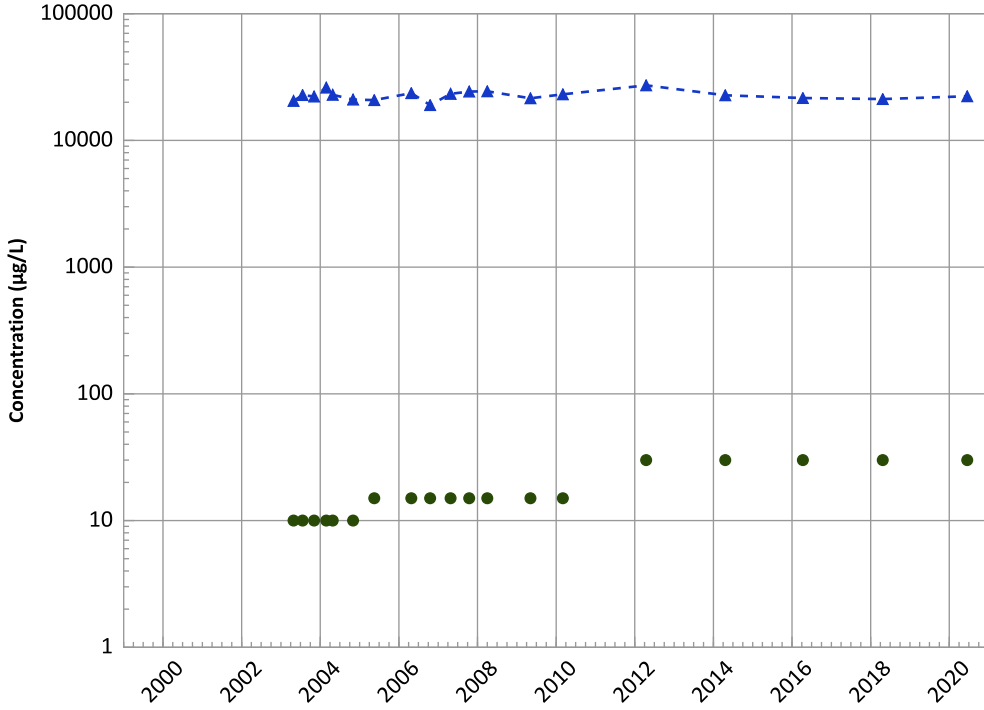


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

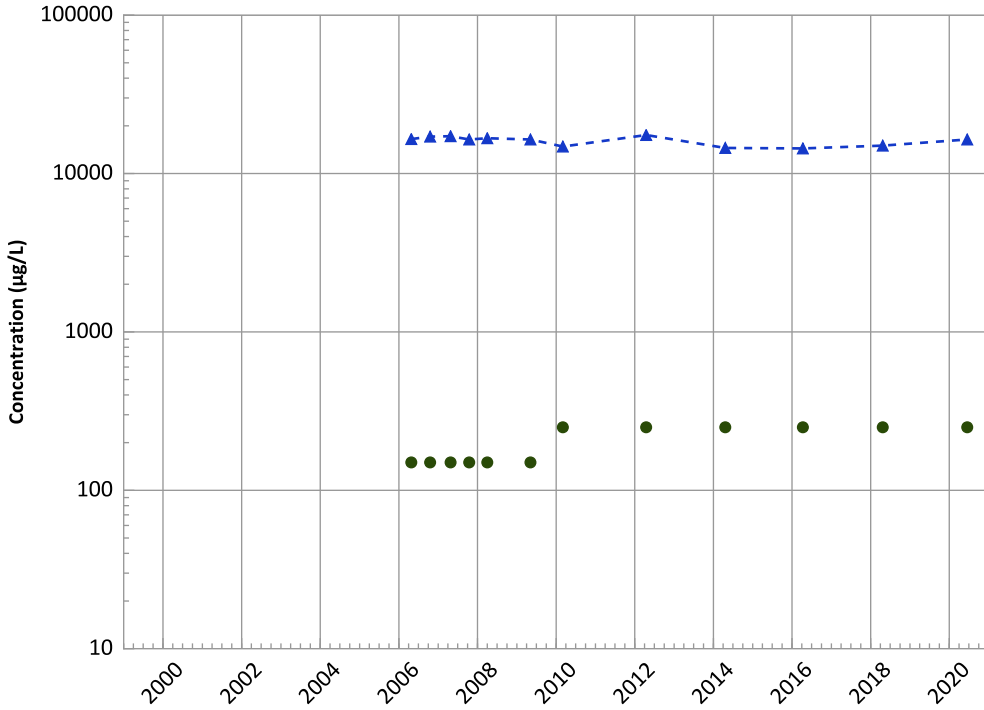
2018 - 2020 Data:

Stable

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

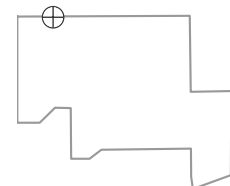
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

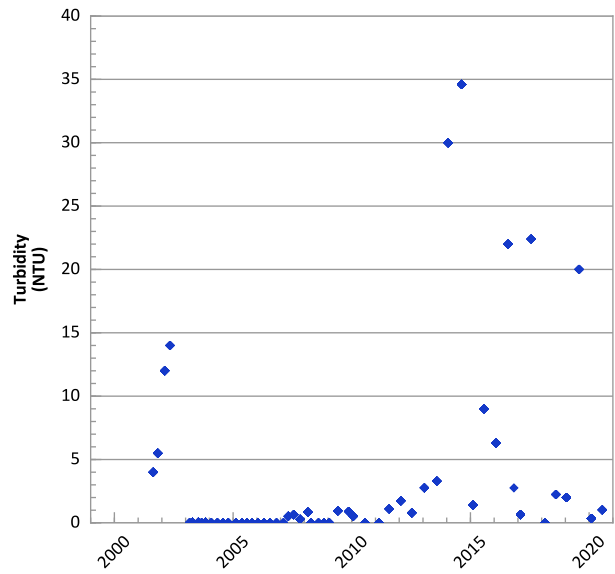
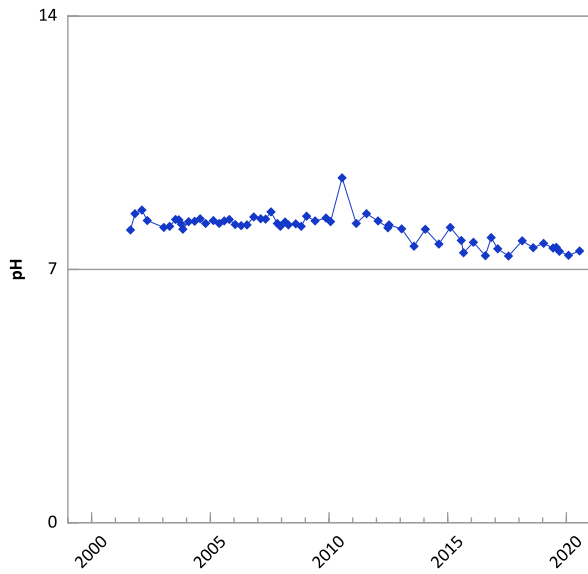
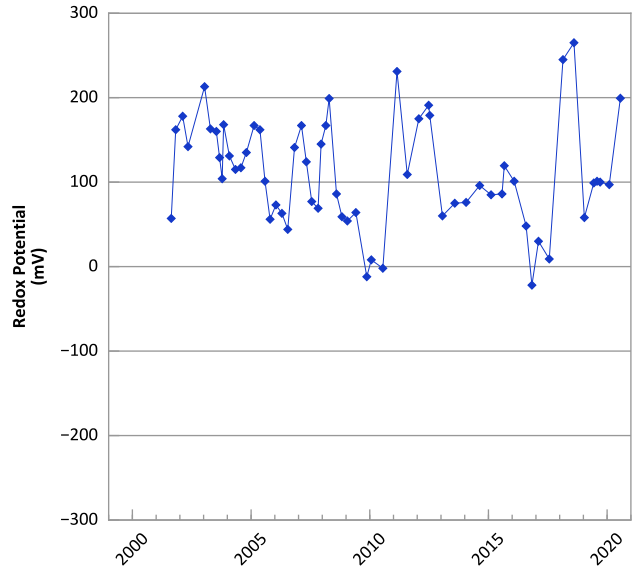
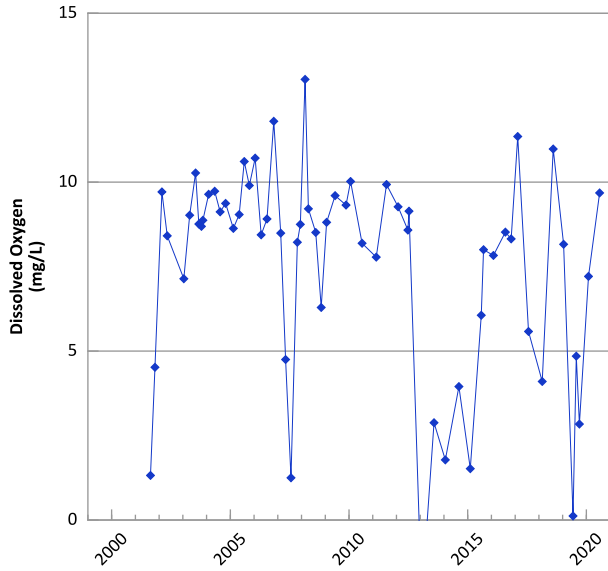
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/28/2003 to 06/16/2020
Analysis Date: 06/03/2021

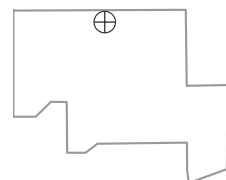
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



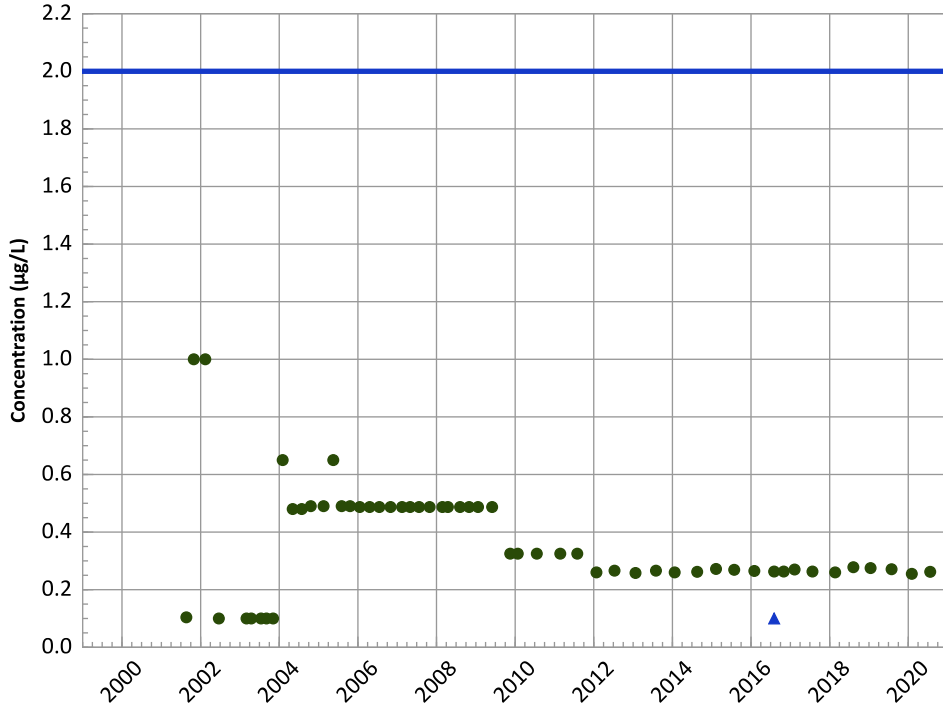
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

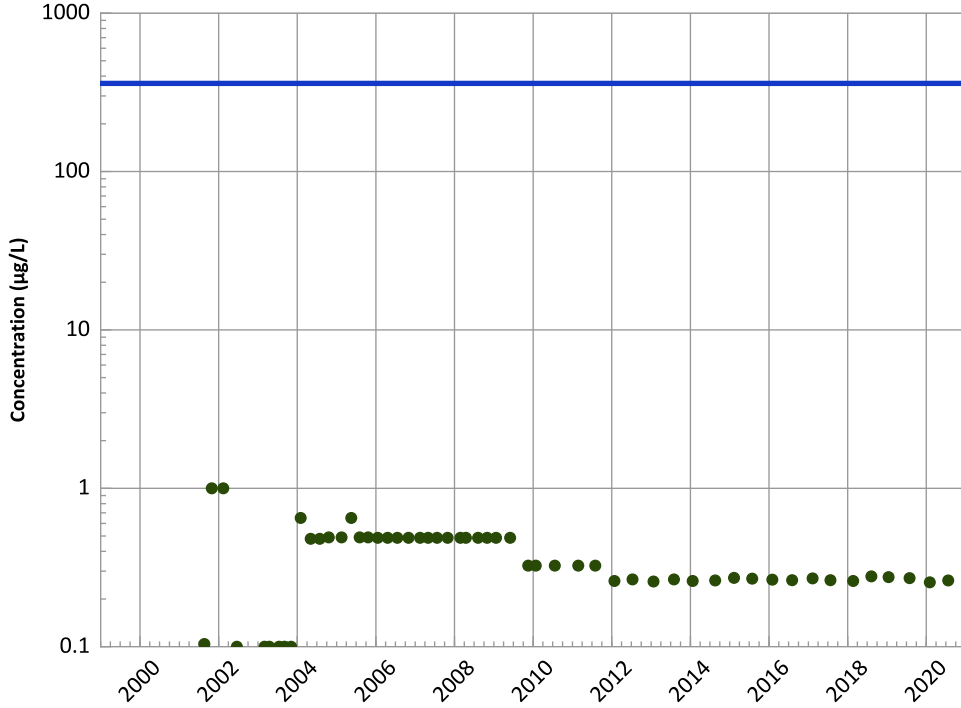
2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

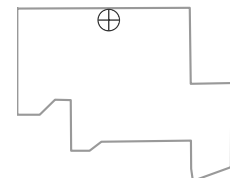
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

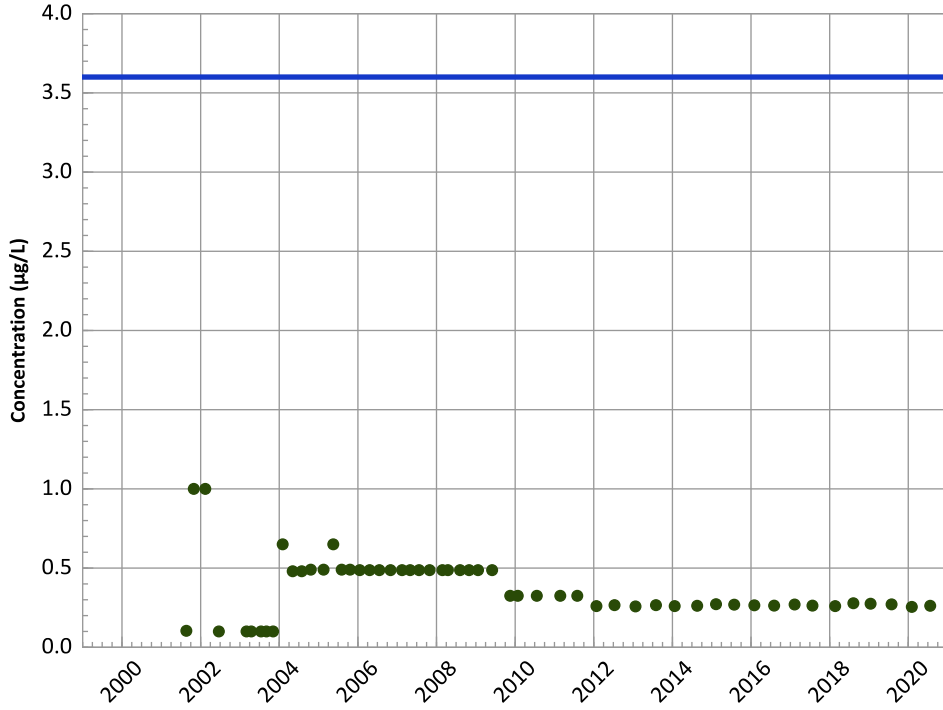
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

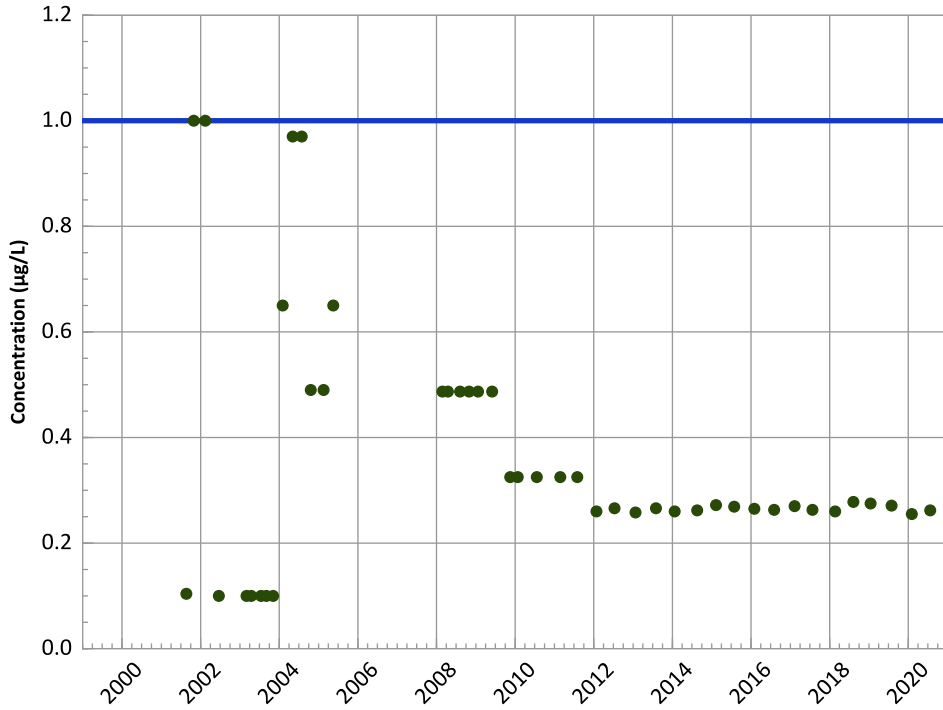
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

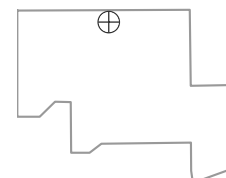
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

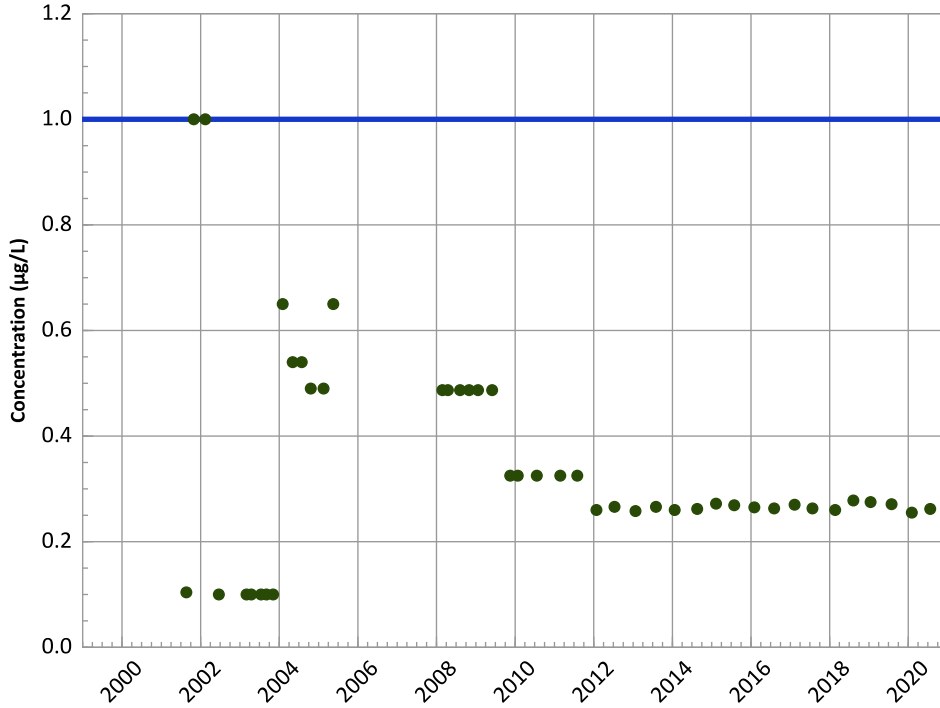
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

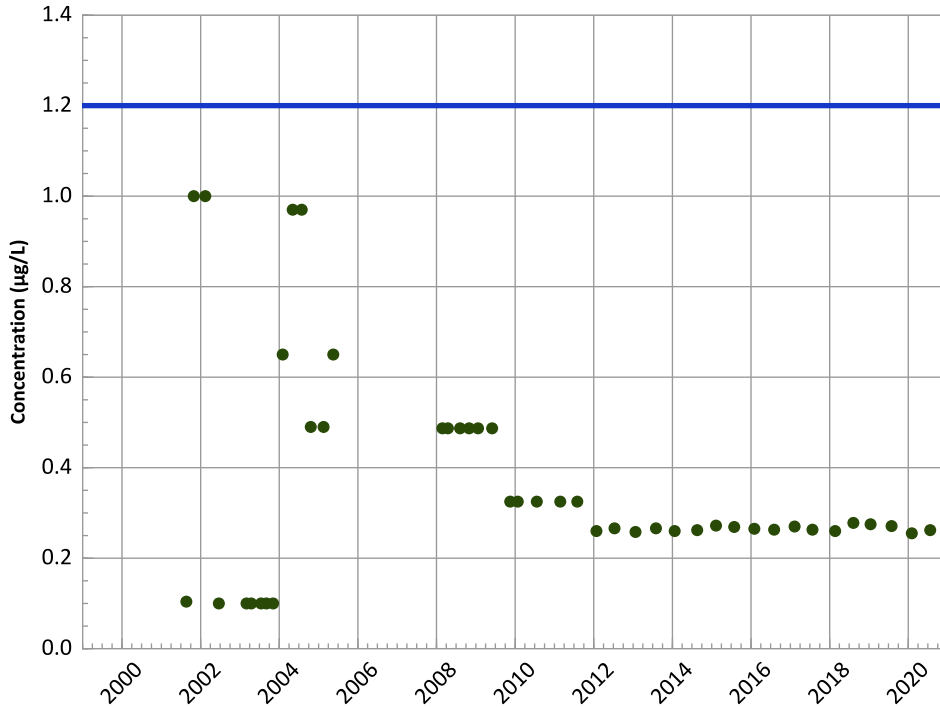
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

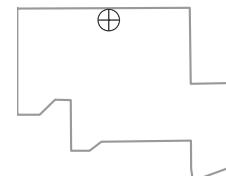
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

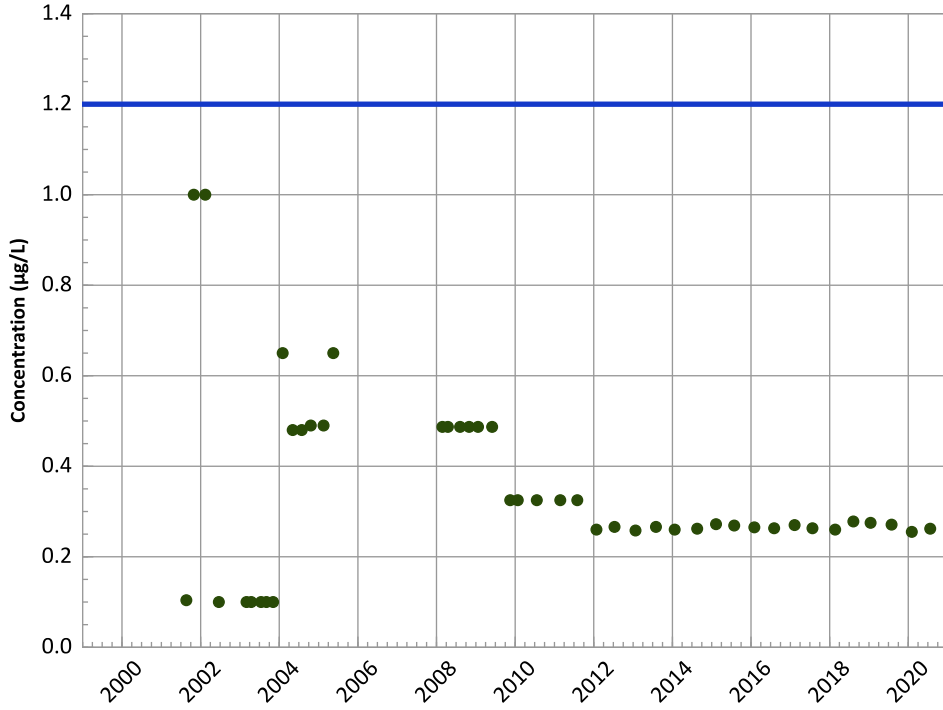
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

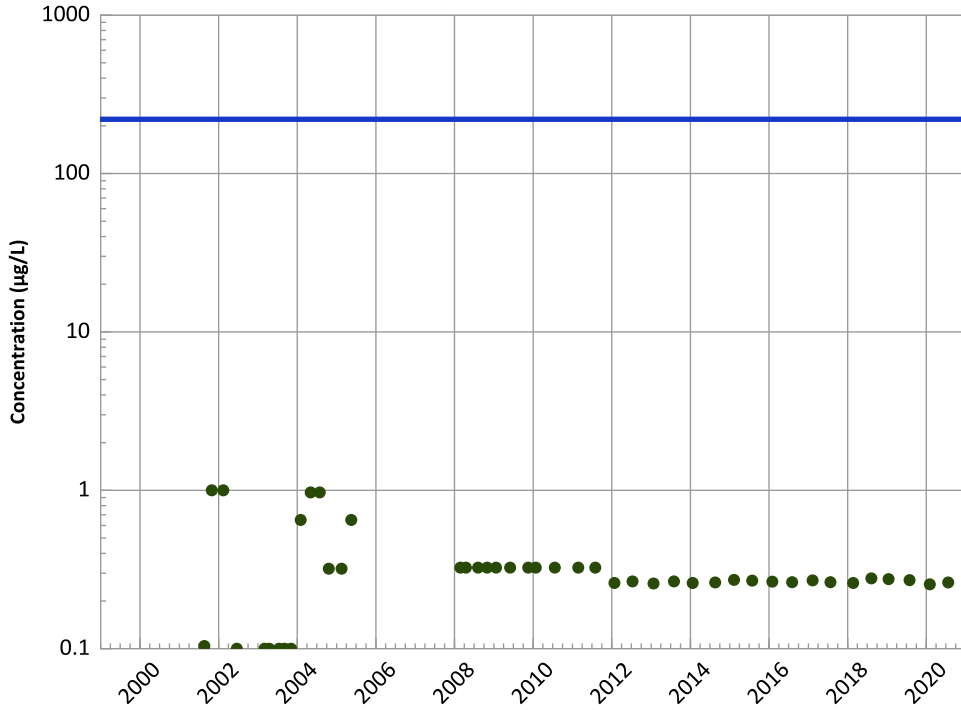
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

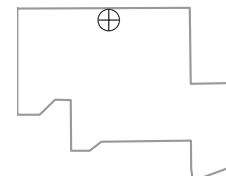
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

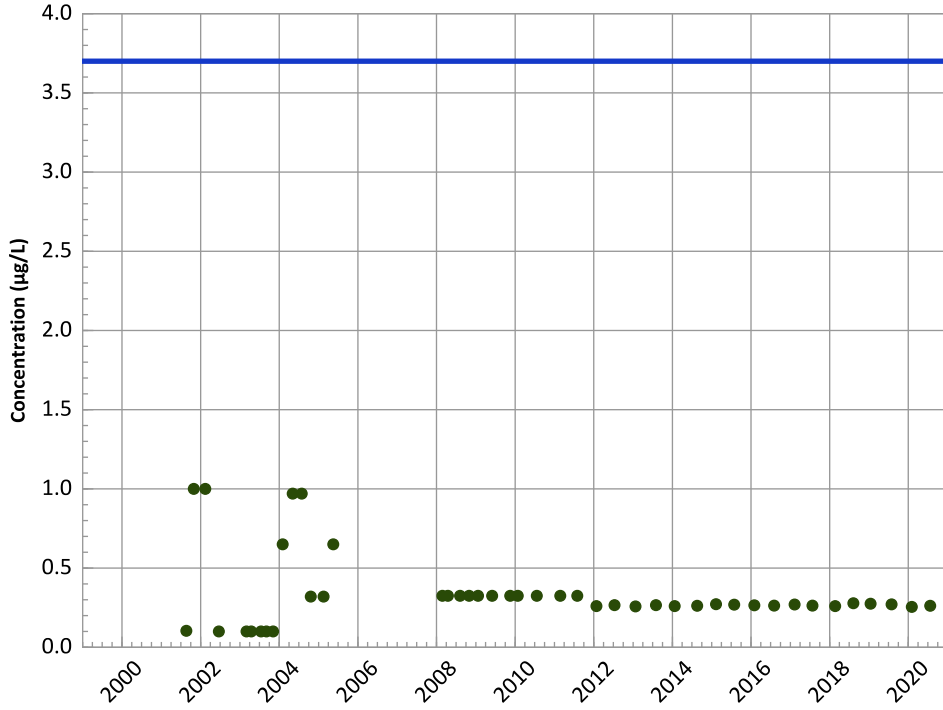
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

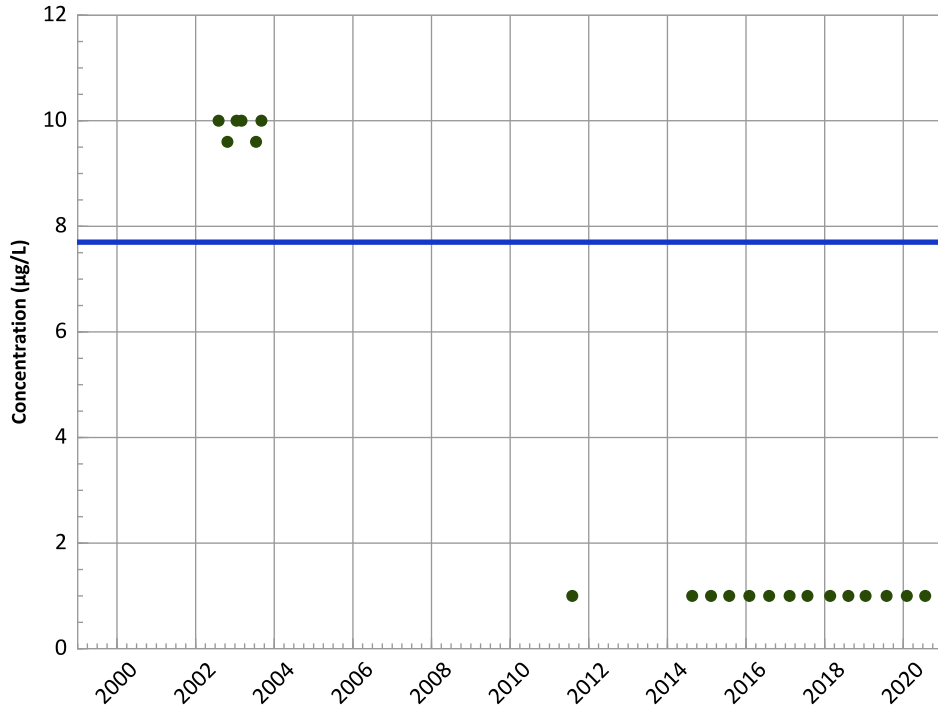
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

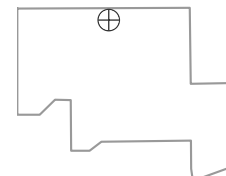
All Data:

All Non-Detect

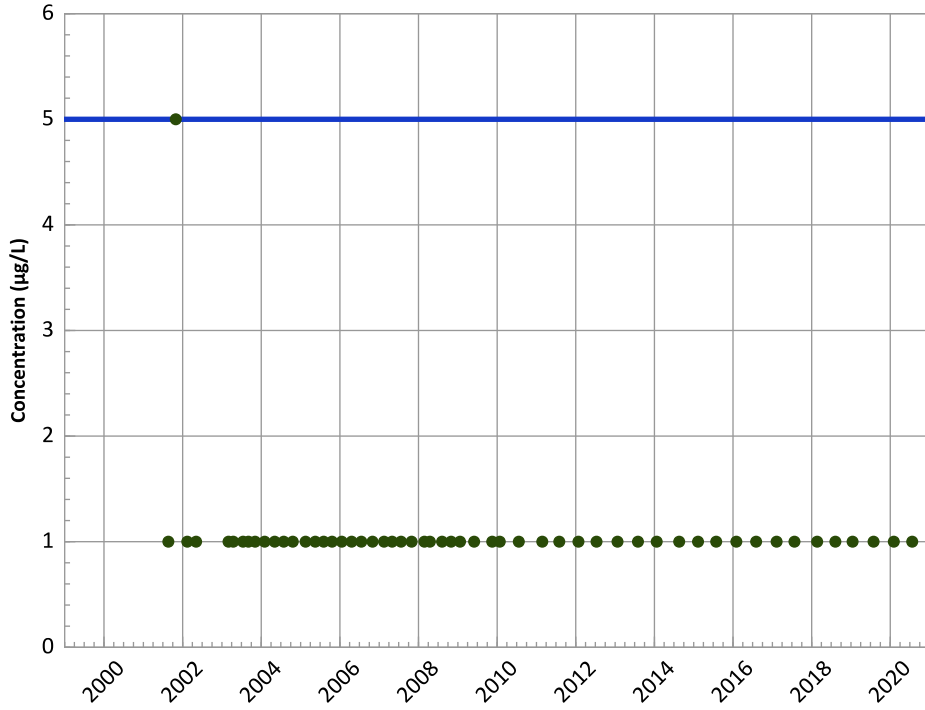
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

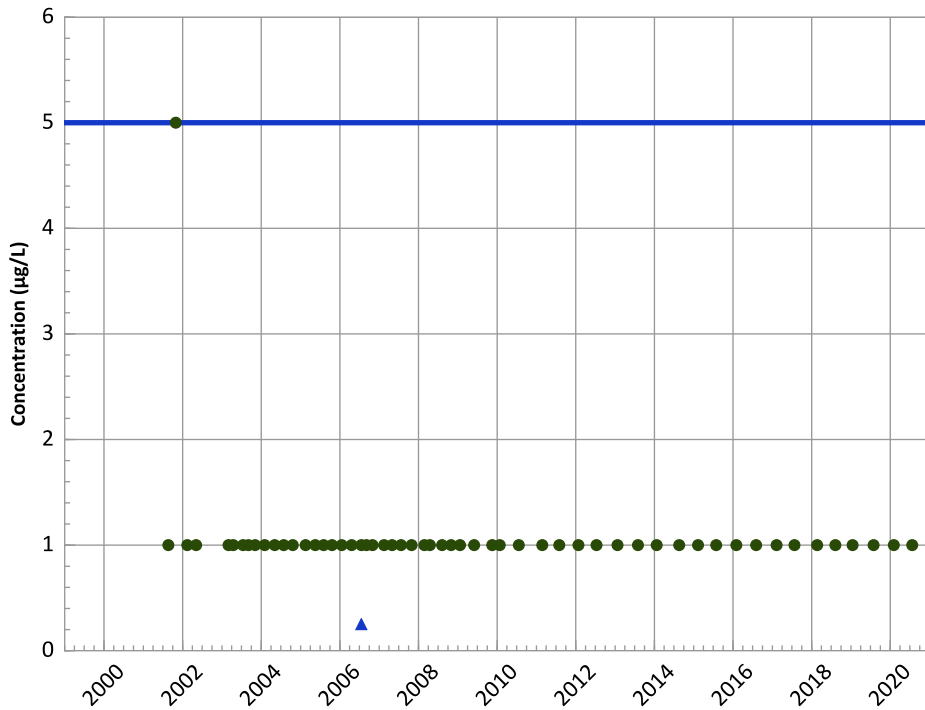
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

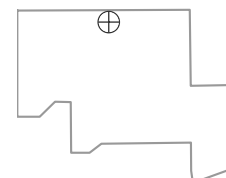
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

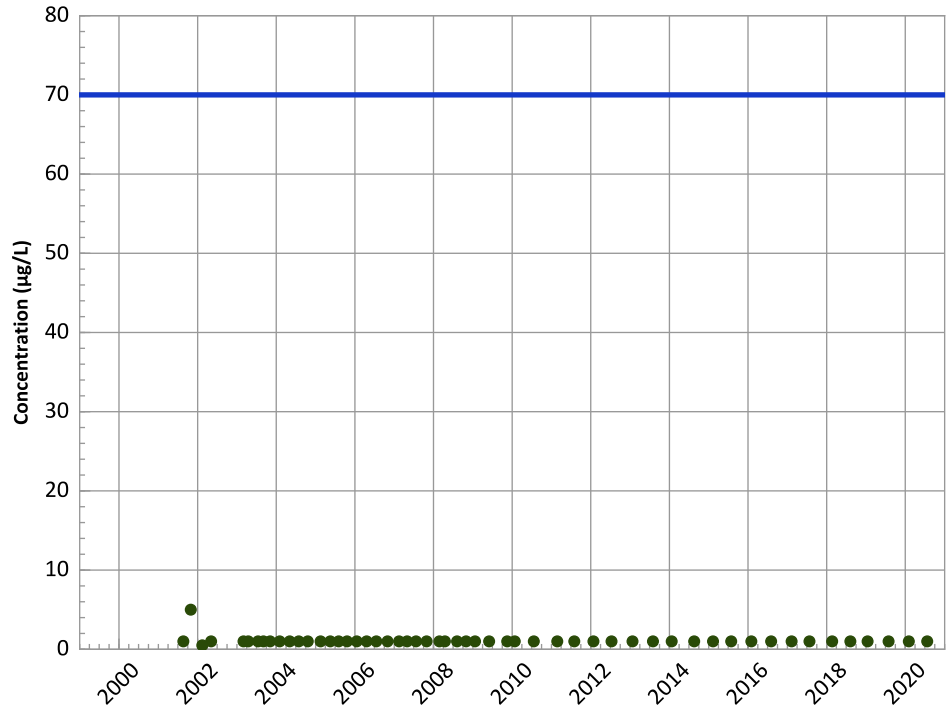


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

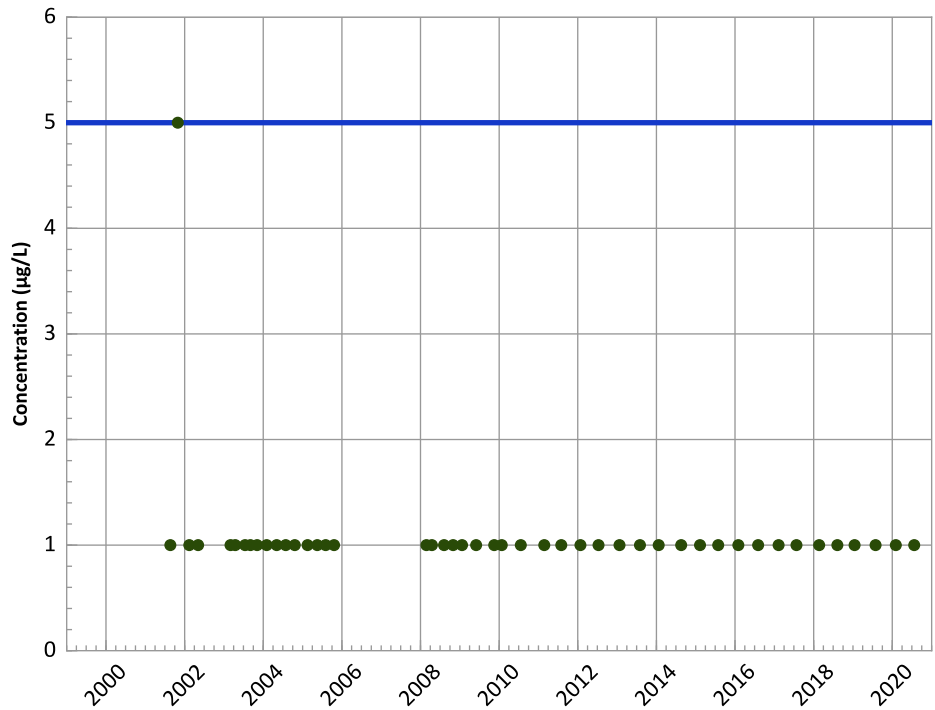
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

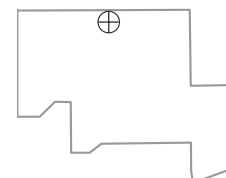
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

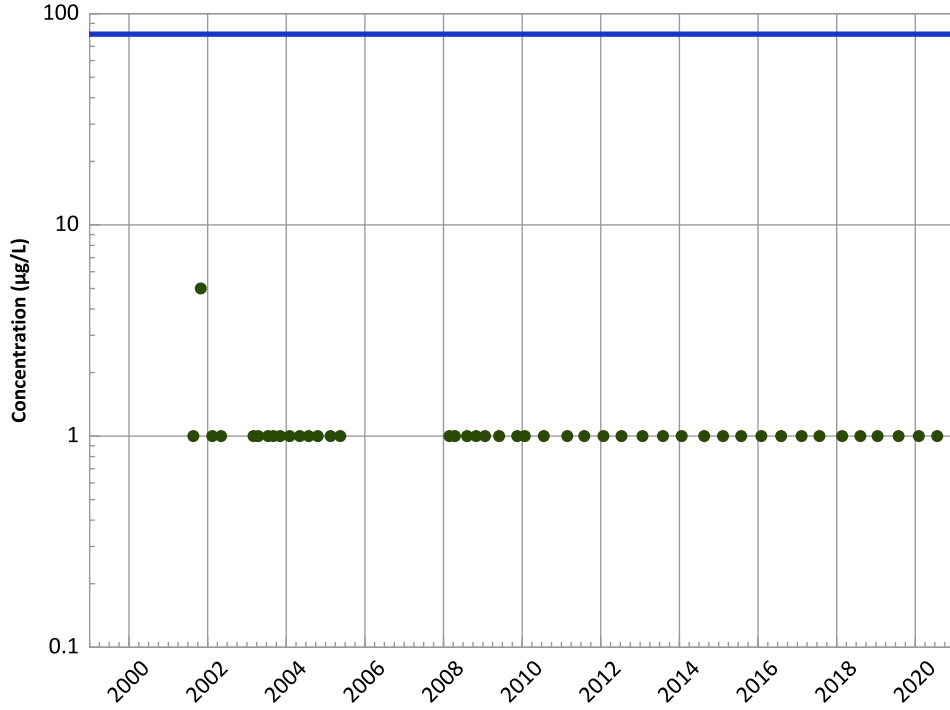
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

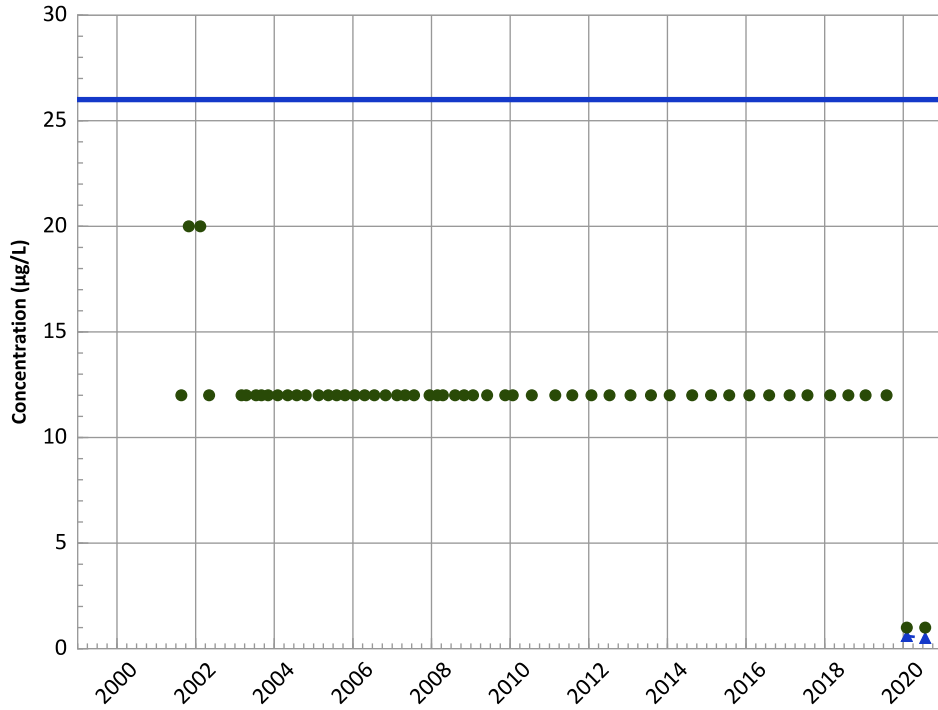
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

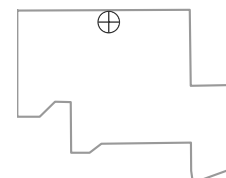
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

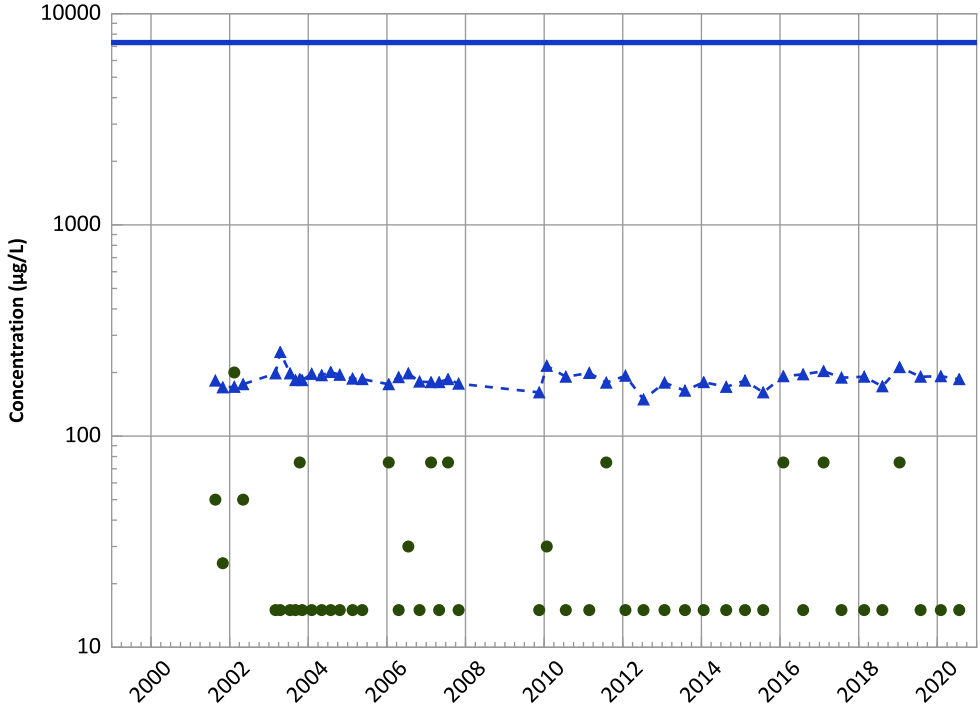


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

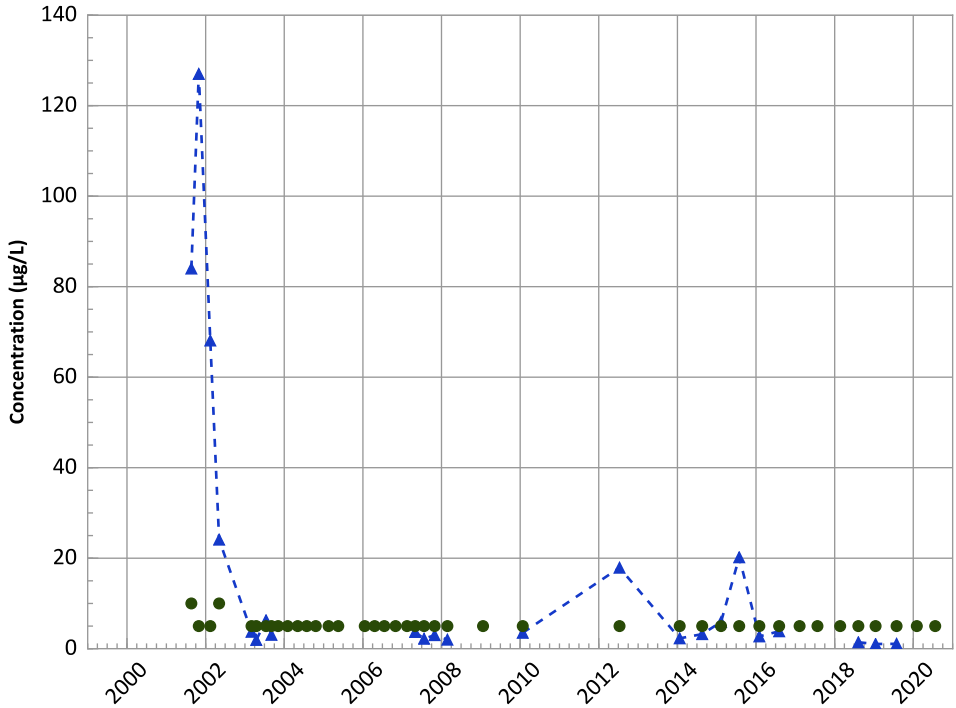
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

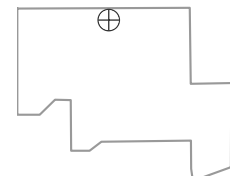
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

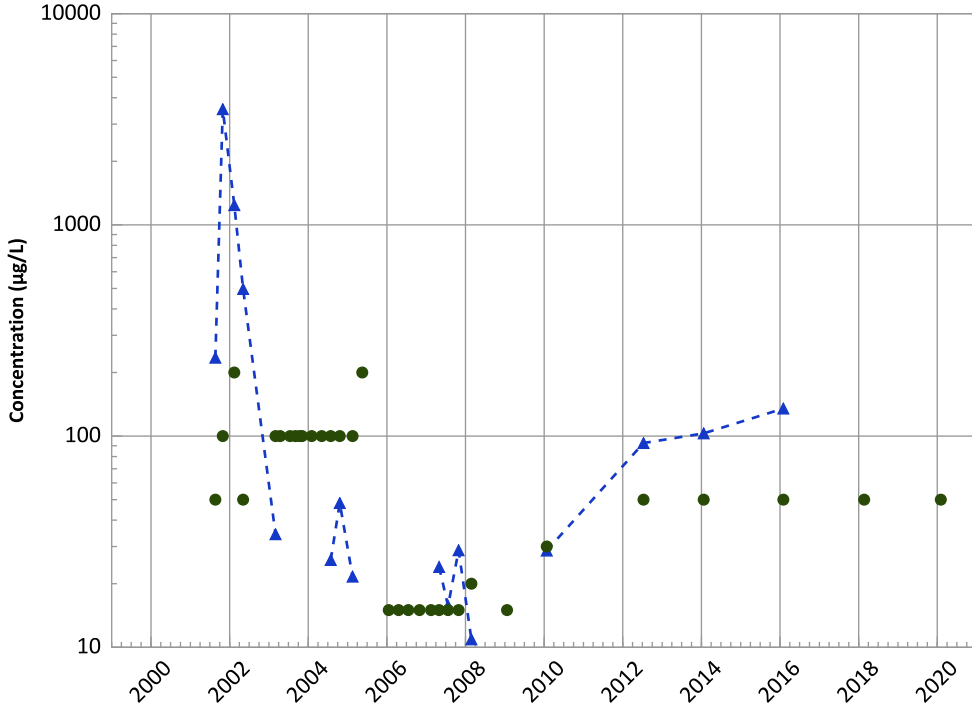
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

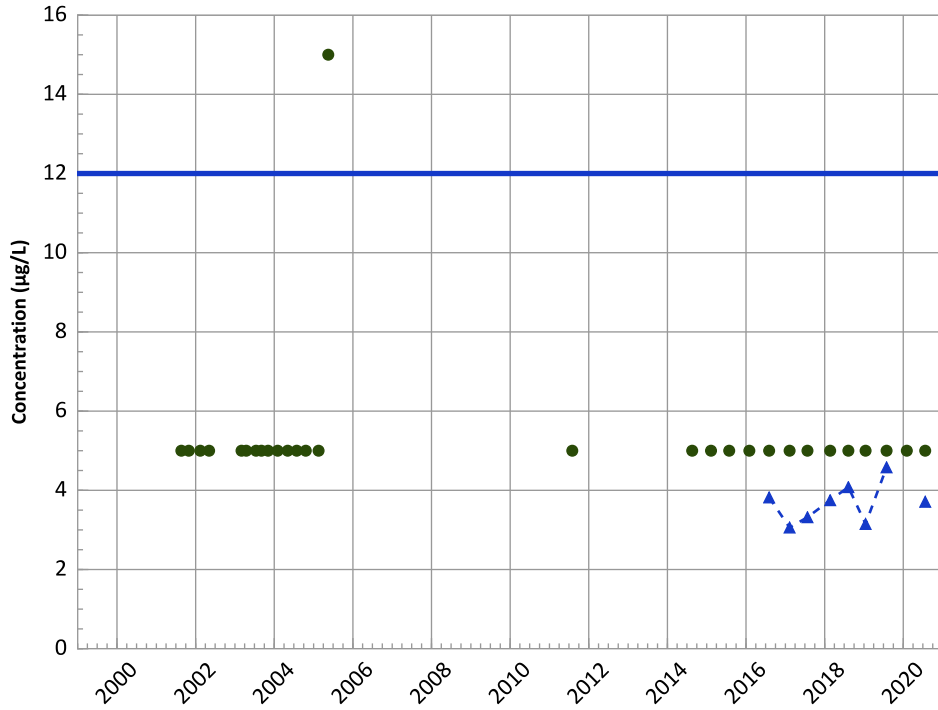
2018 - 2020 Data:

Probably Increasing

All Data:

No Trend

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

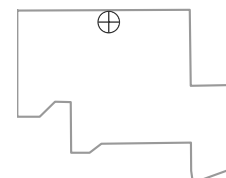
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

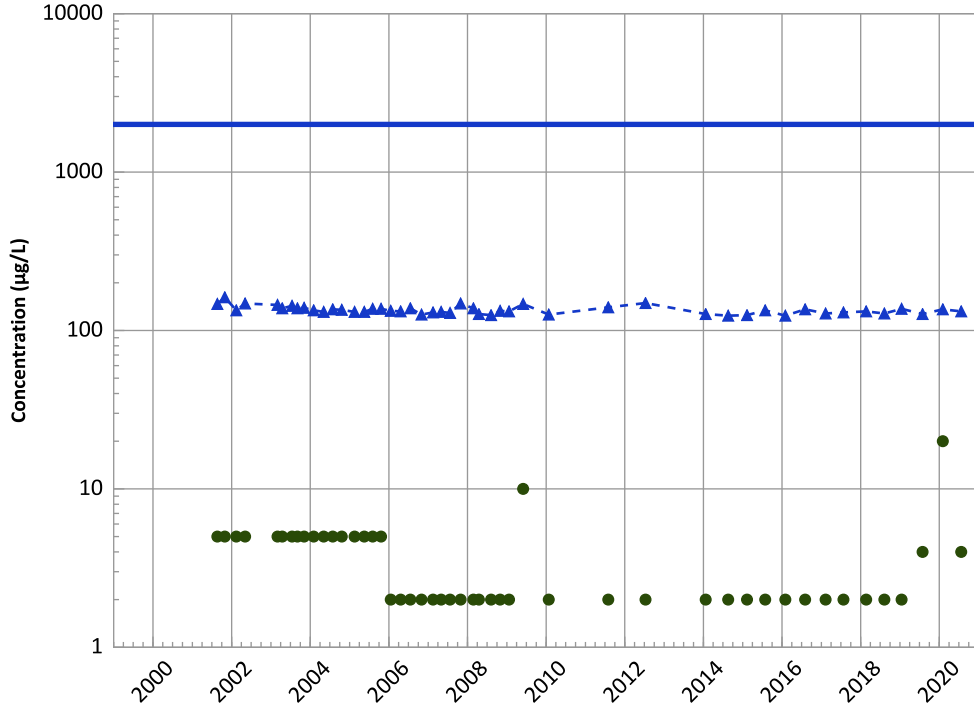


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

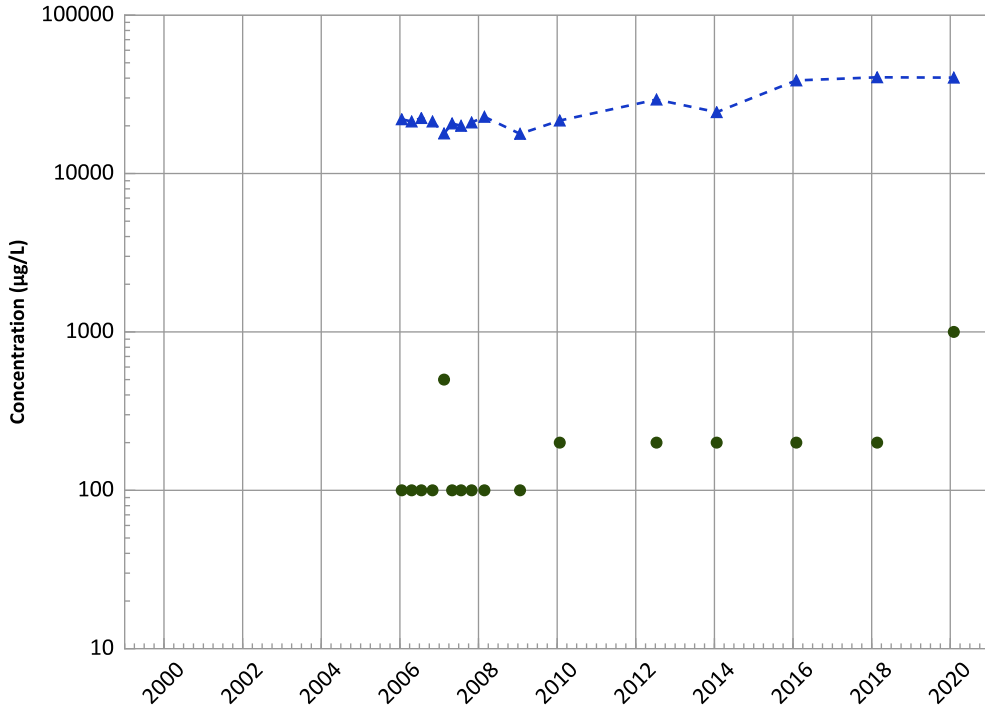
2018 - 2020 Data:

Stable

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Increasing

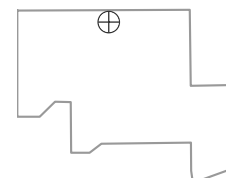
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

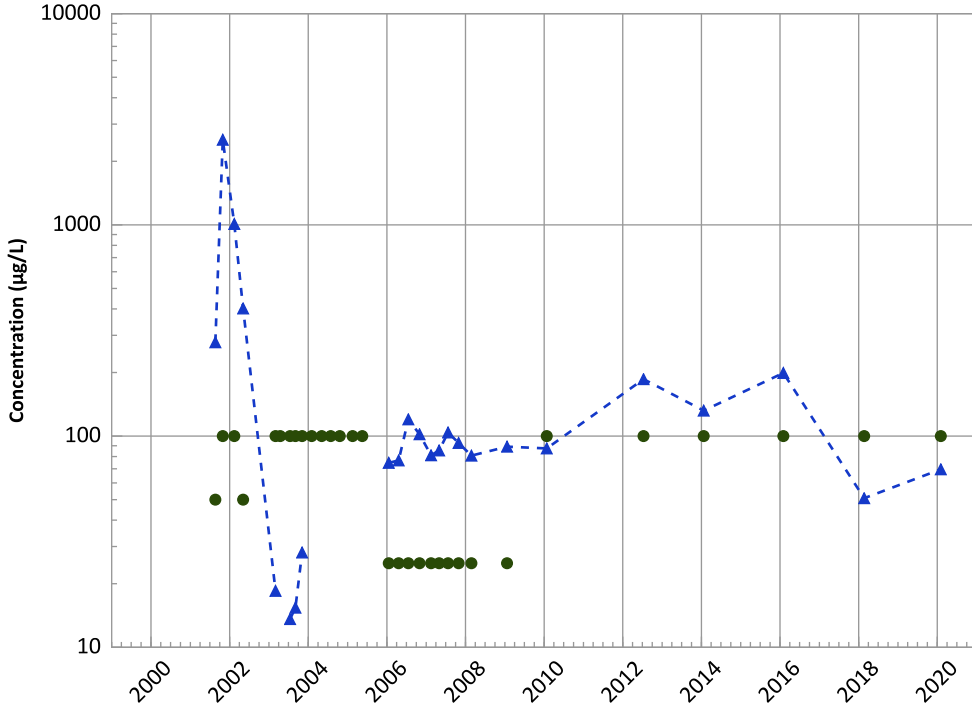
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

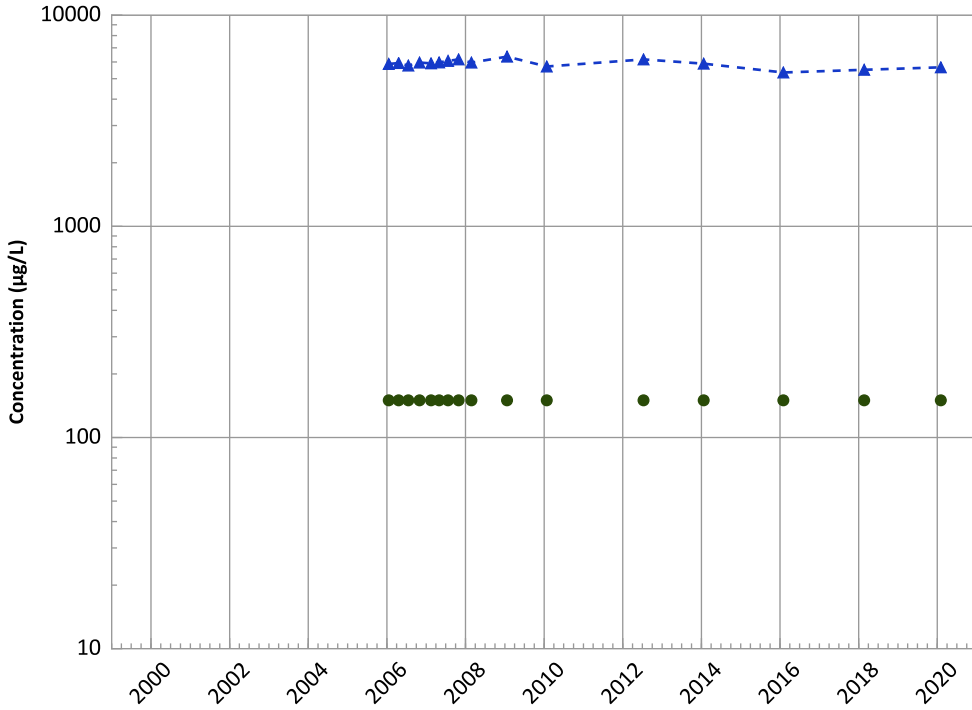
2018 - 2020 Data:

Stable

All Data:

No Trend

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

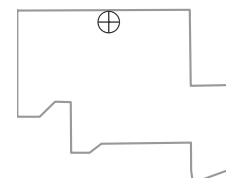
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

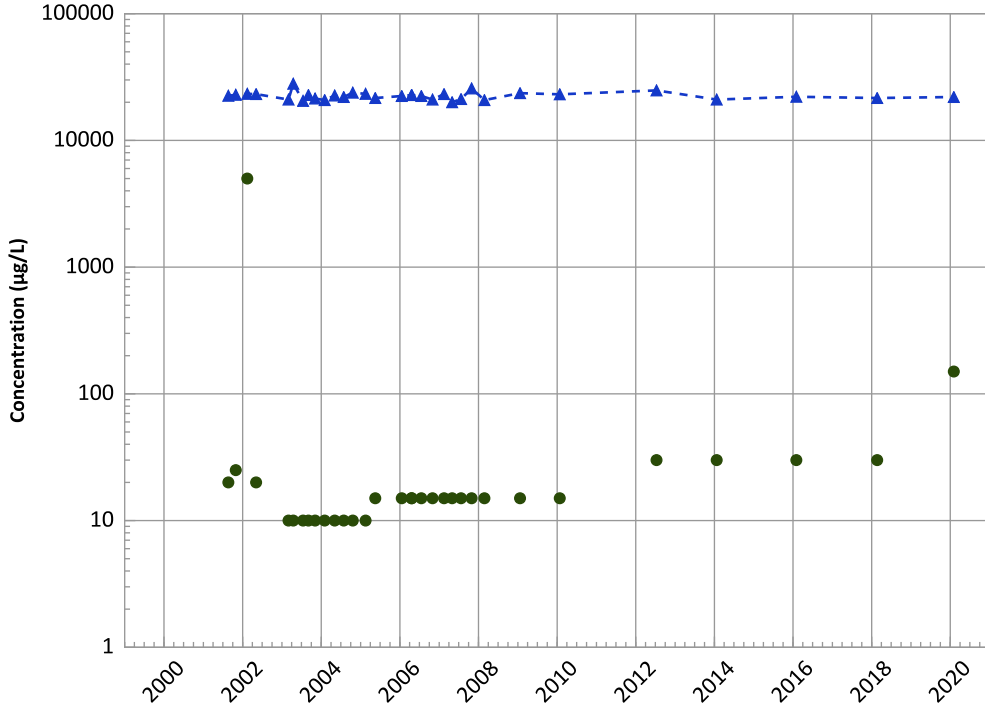


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

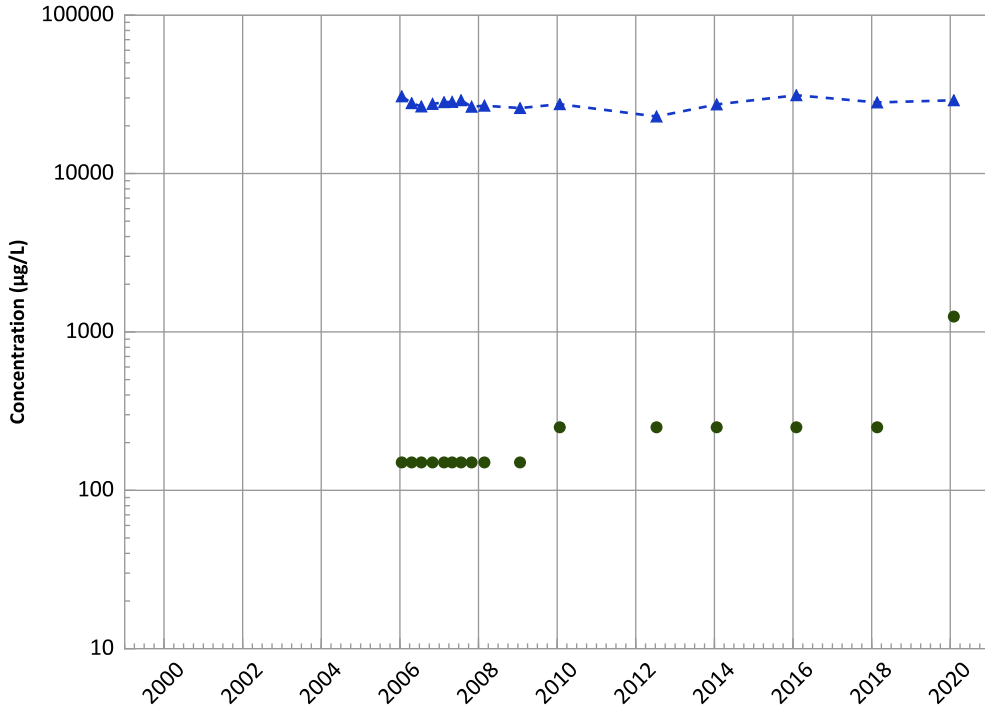
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

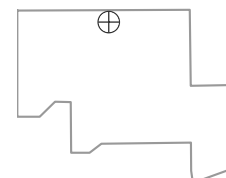
All Data:

Increasing

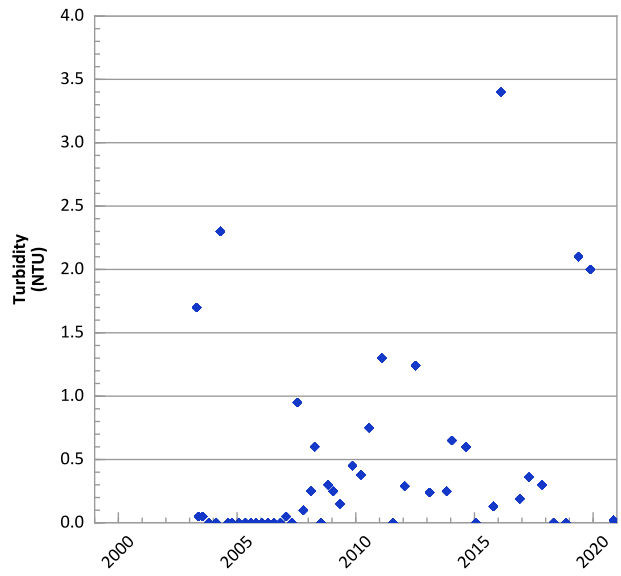
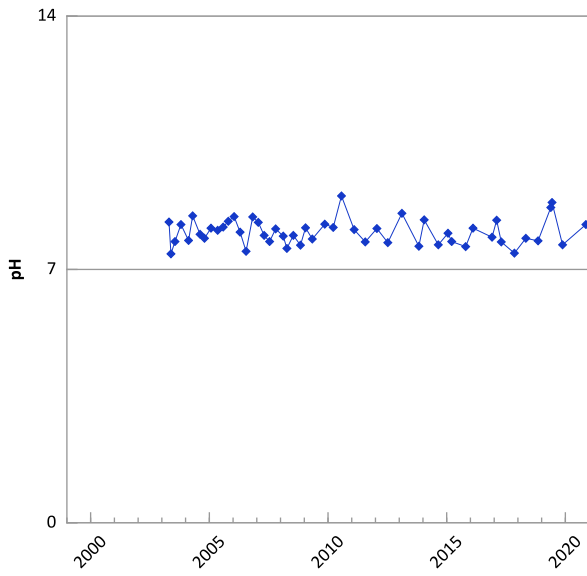
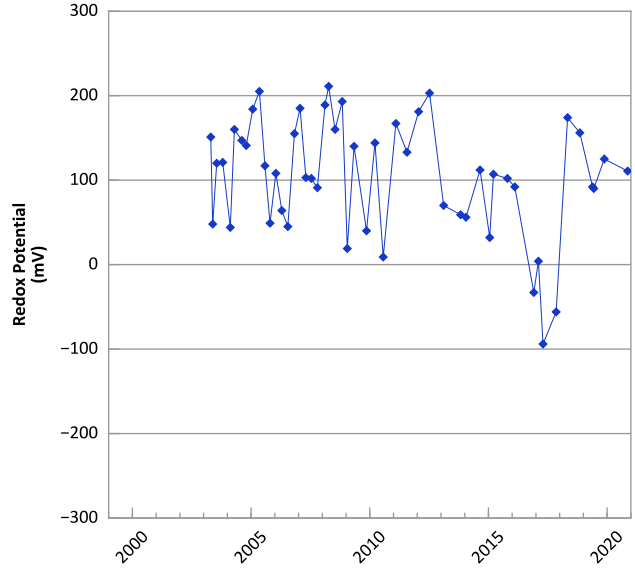
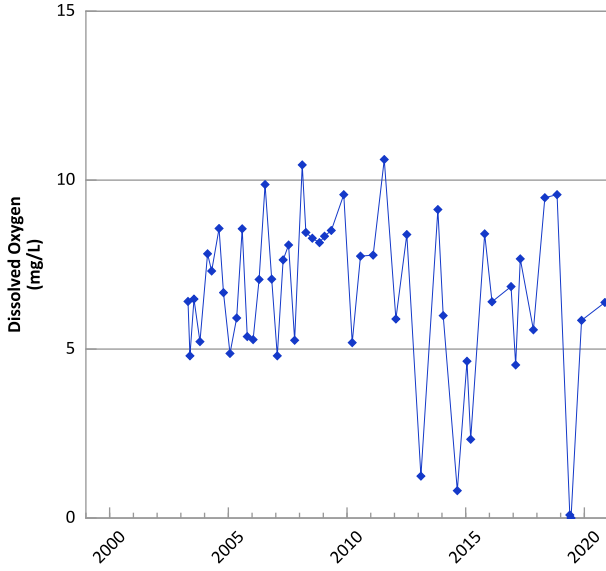
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/21/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

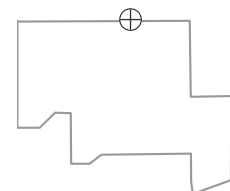


**PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



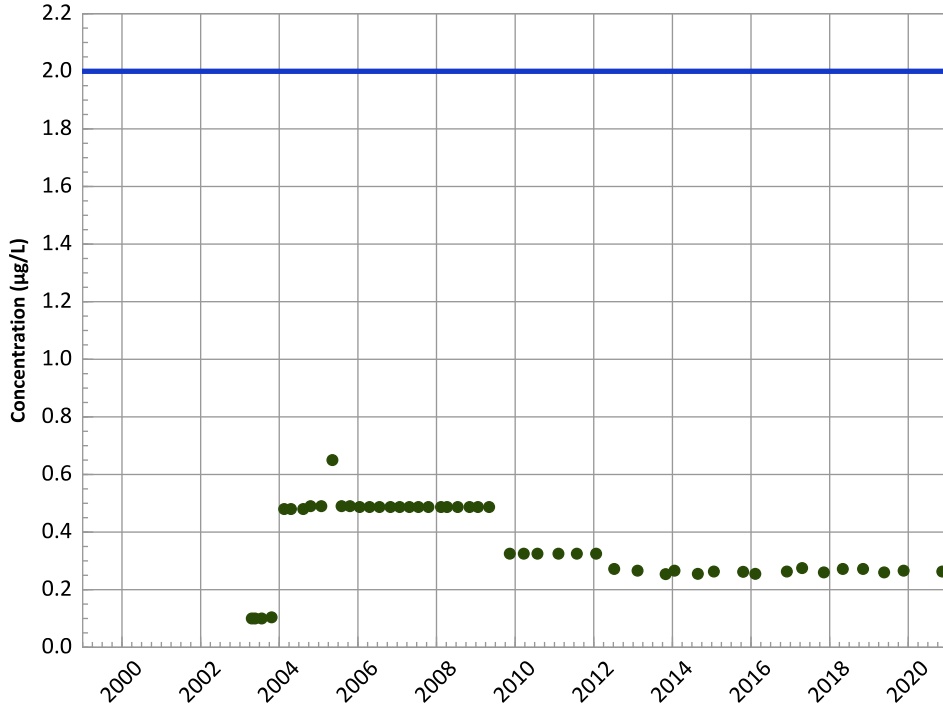
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 04/21/2003 to 11/12/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

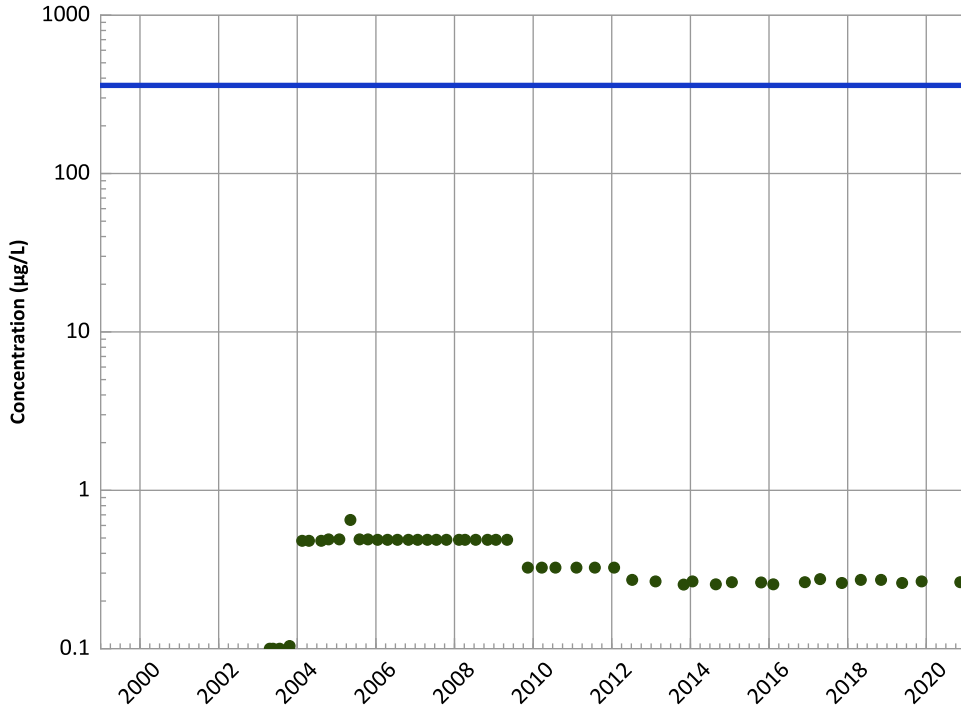
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

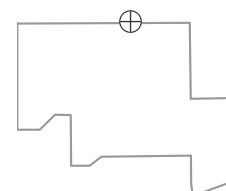
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

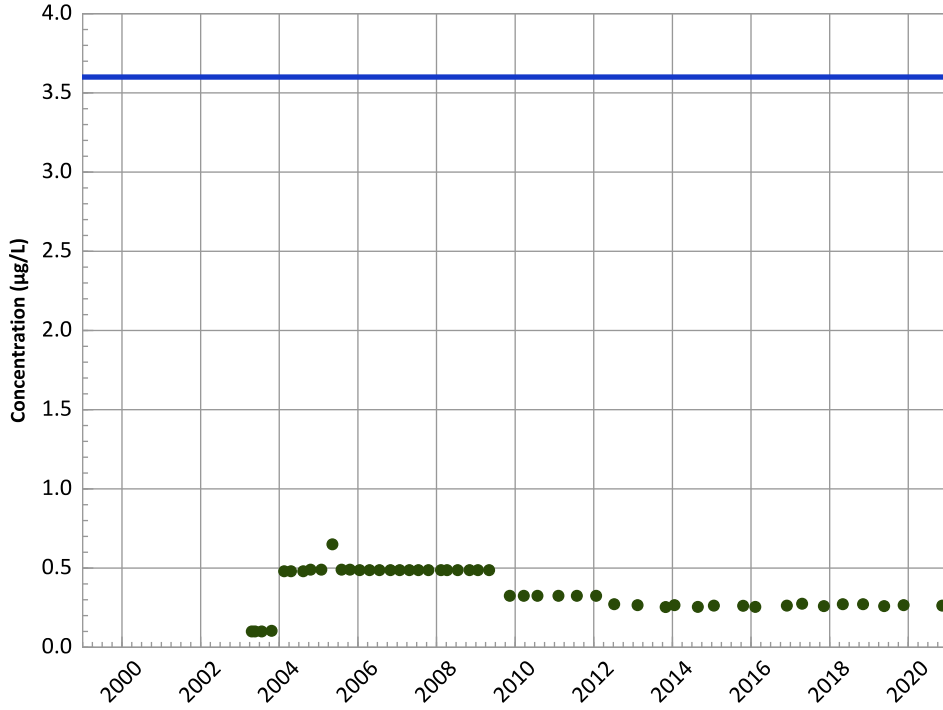
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

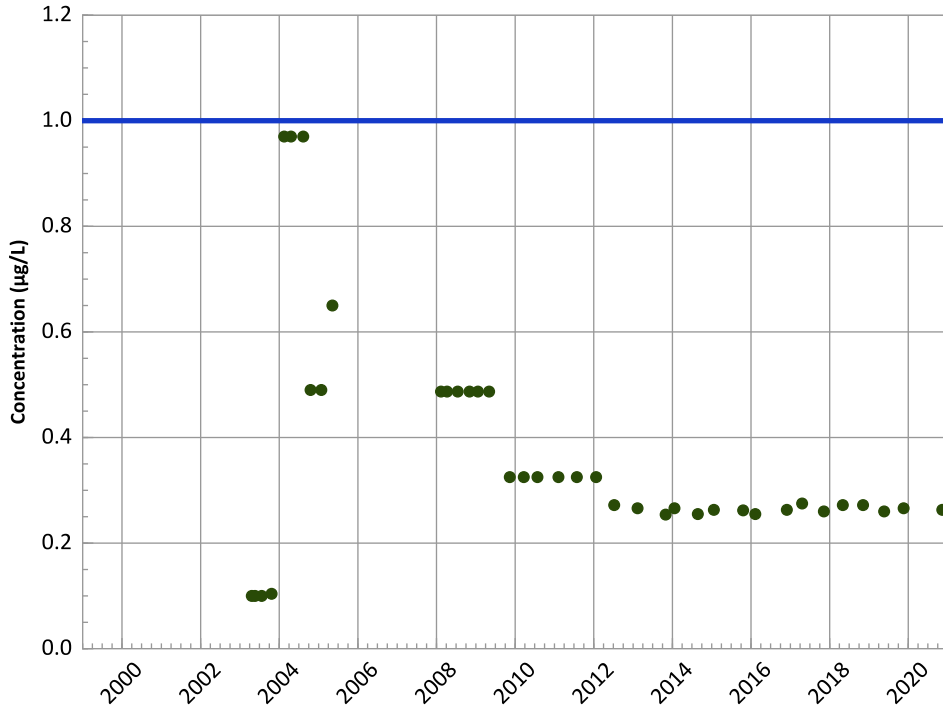
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

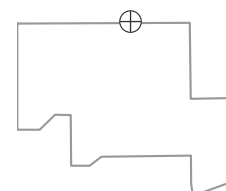
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

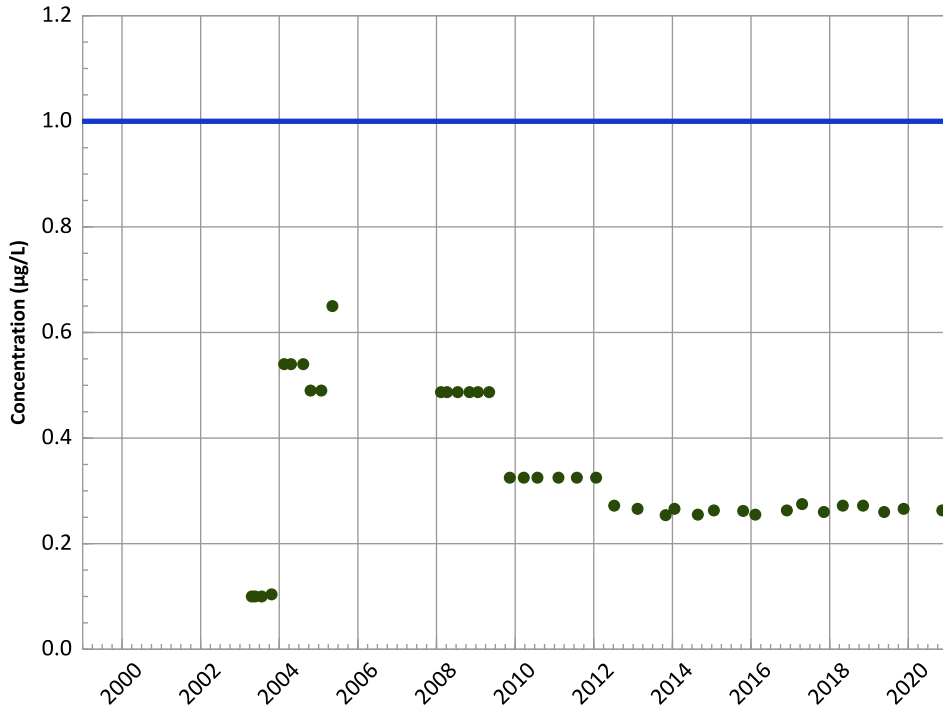
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

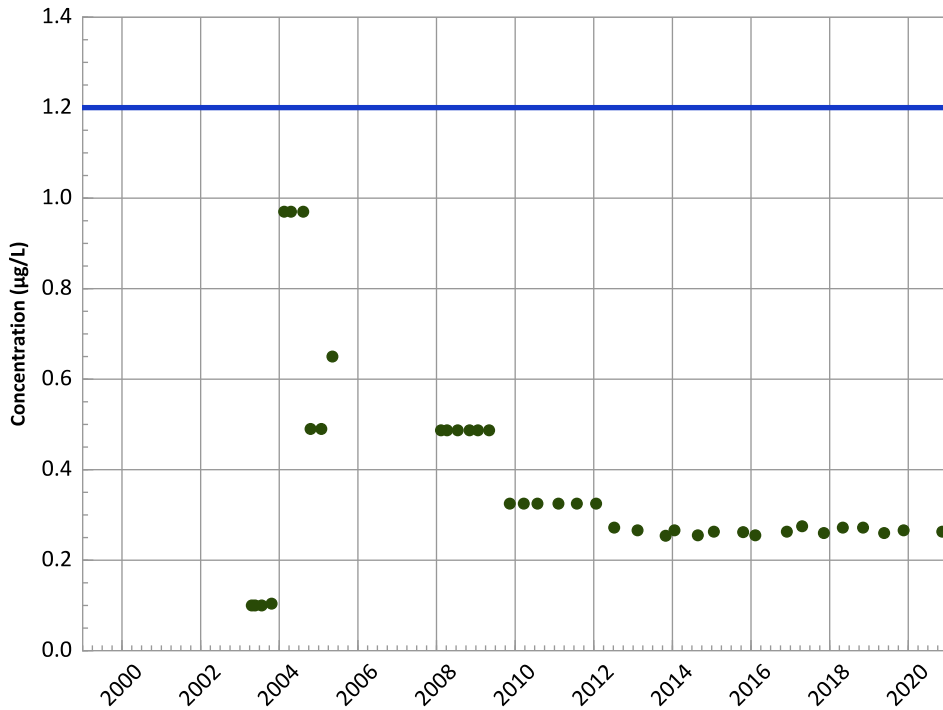
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

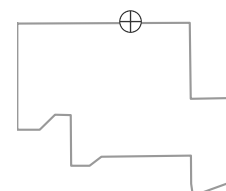
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

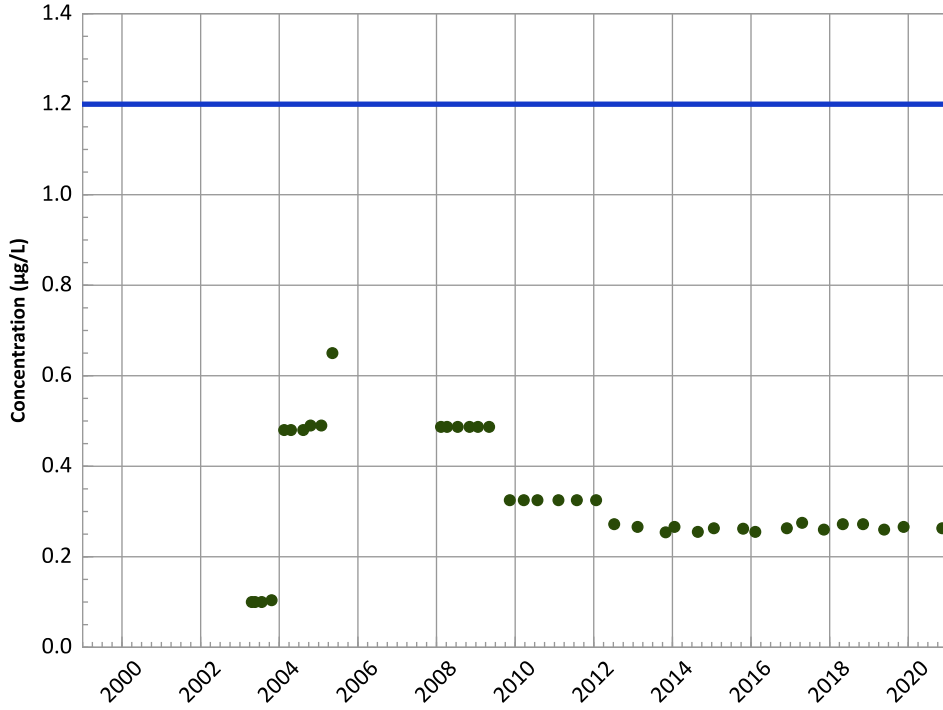
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

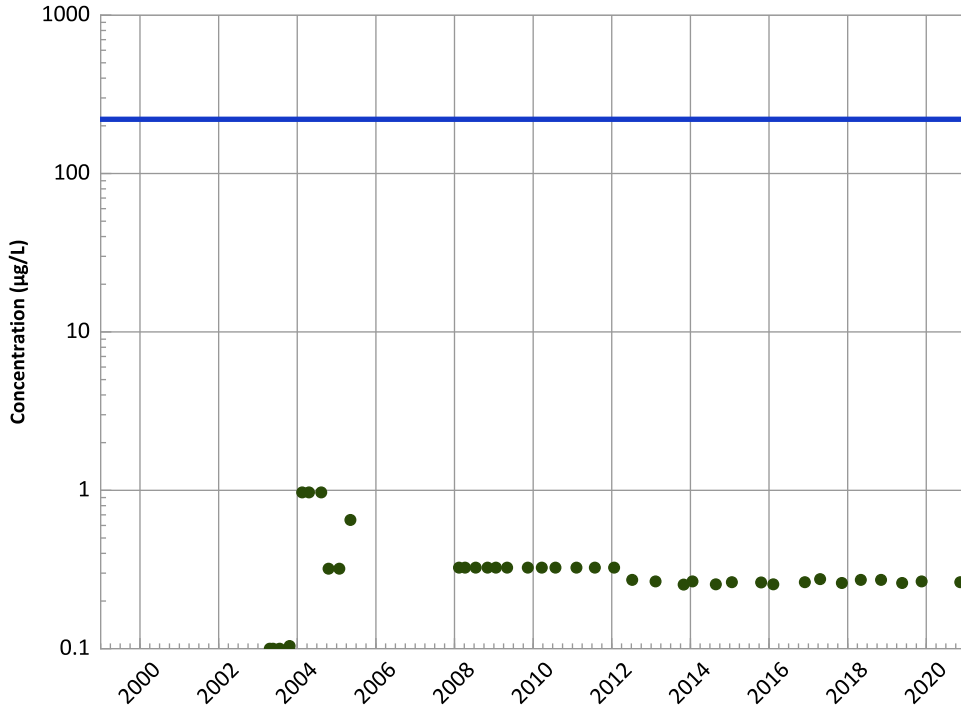
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

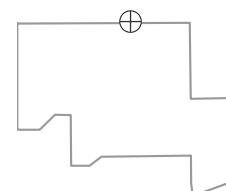
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

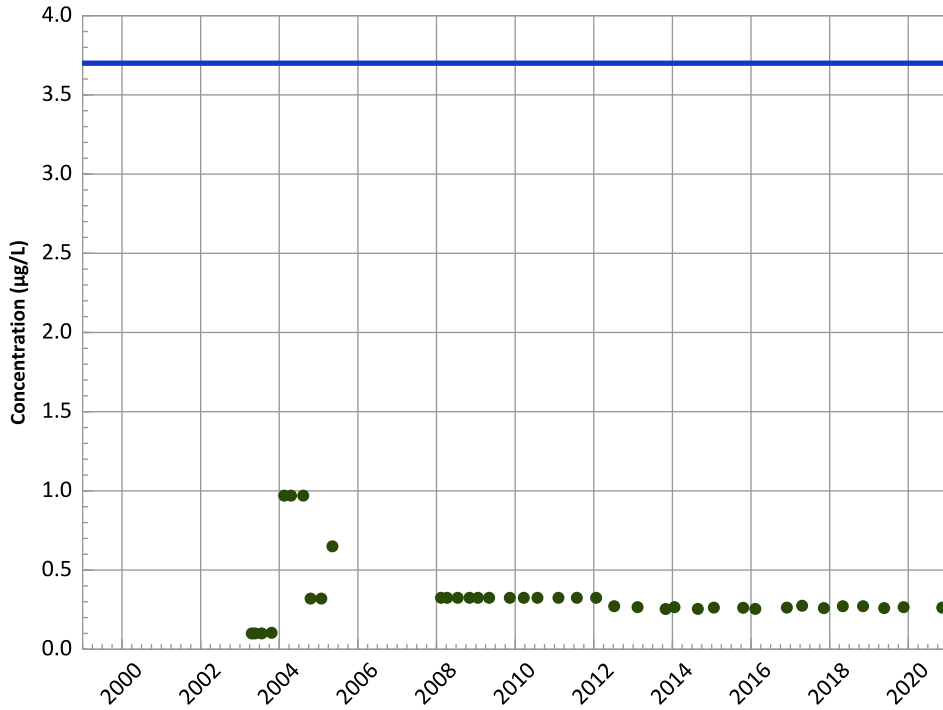
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

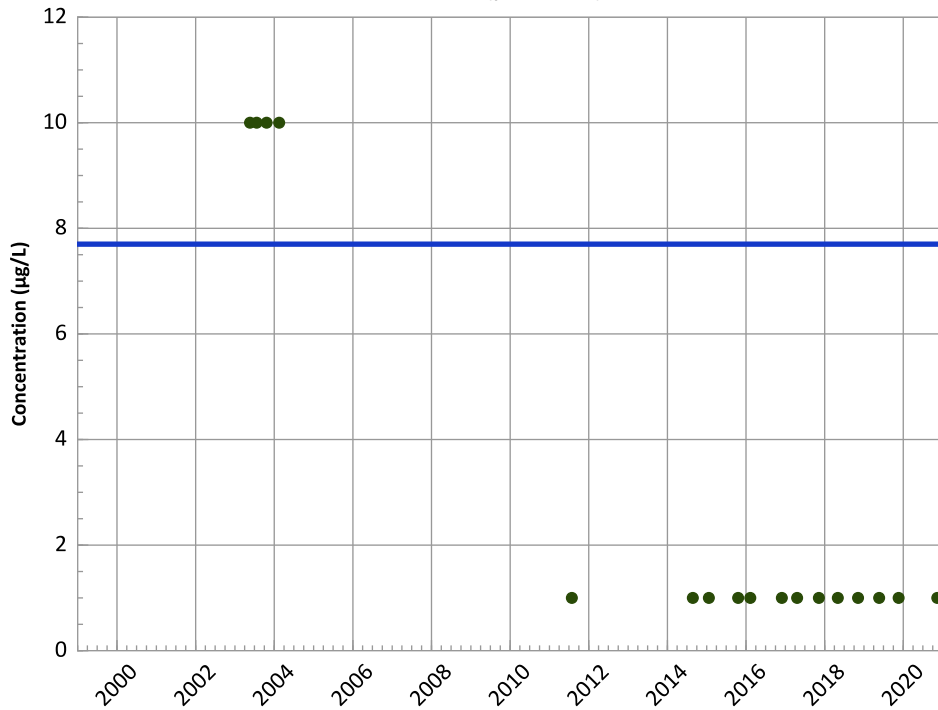
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

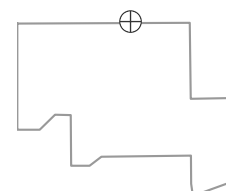
All Data:

All Non-Detect

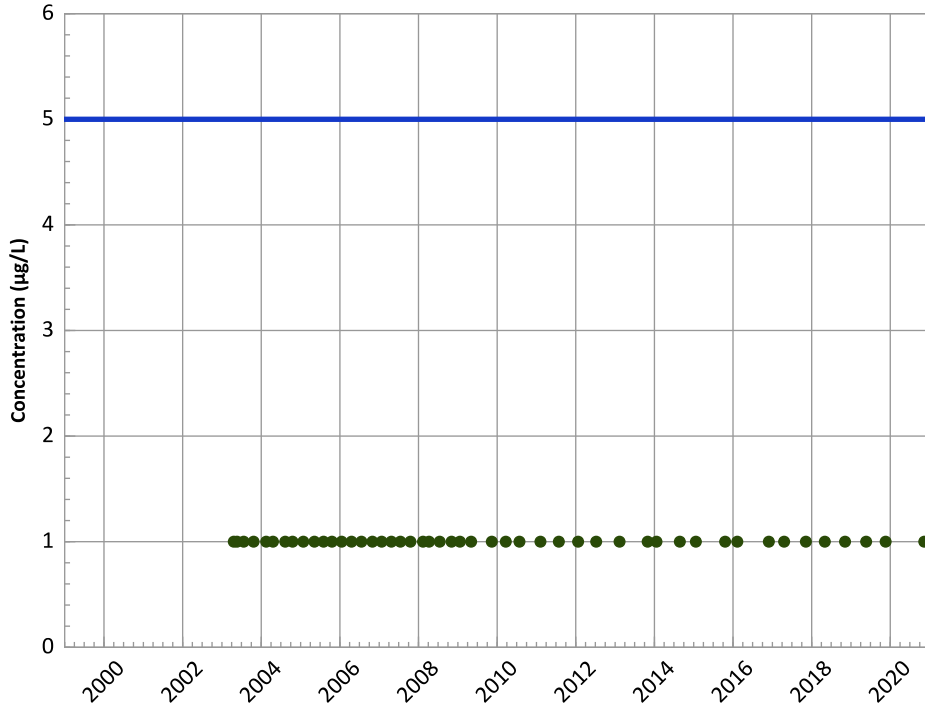
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

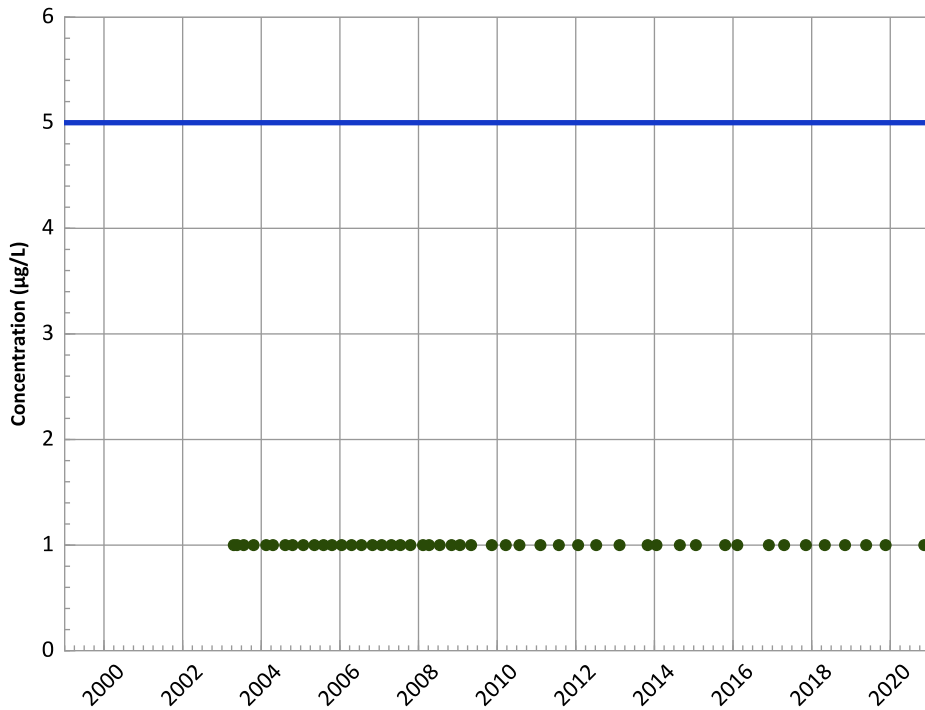
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

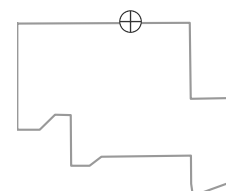
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

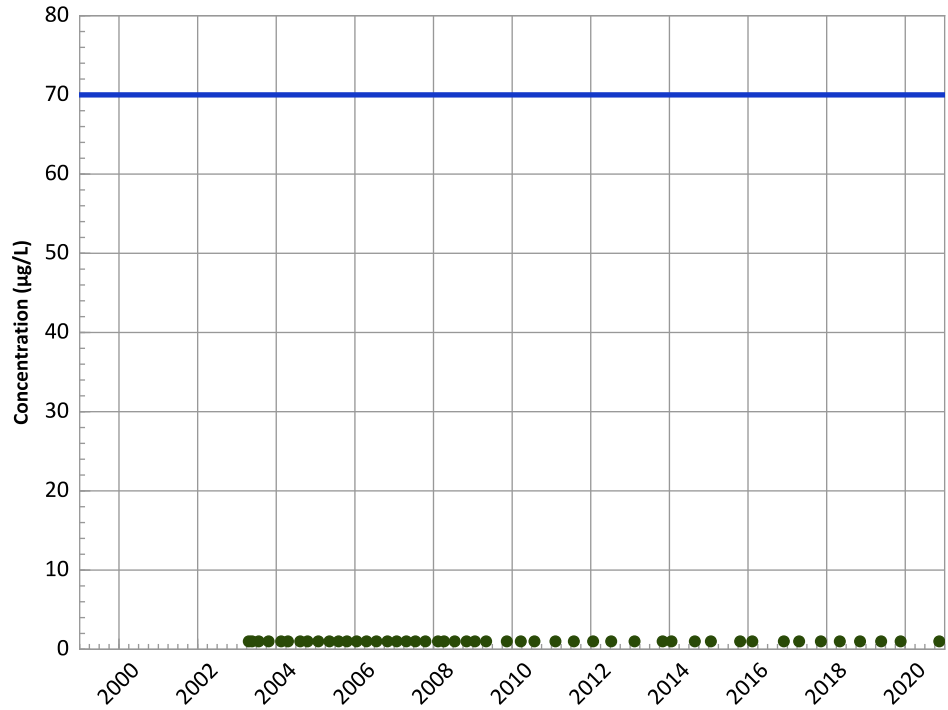
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

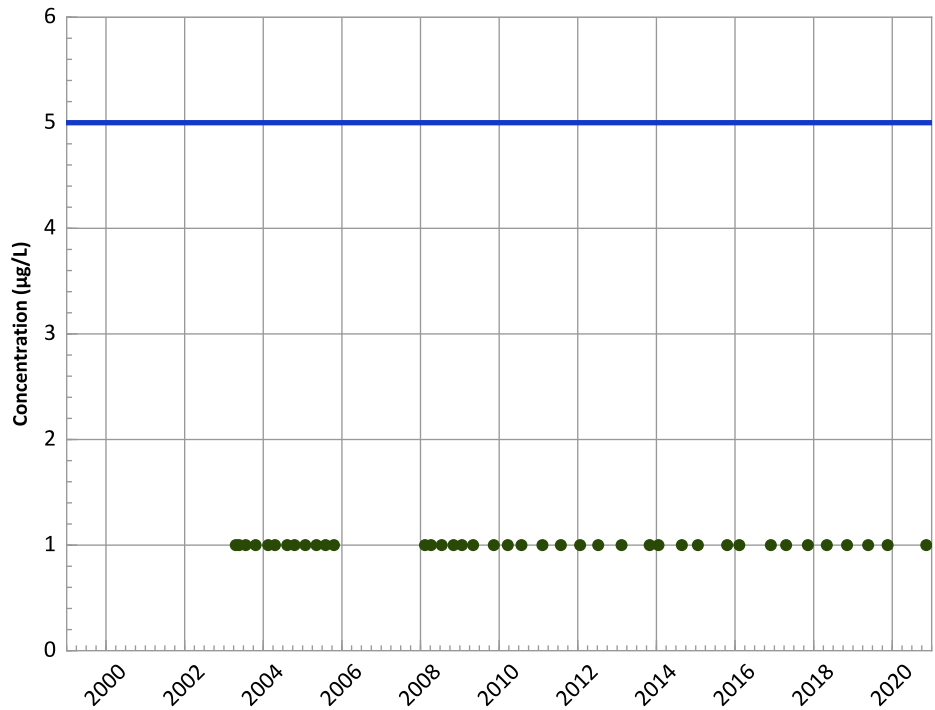
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

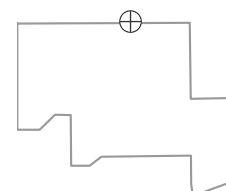
All Data:

All Non-Detect

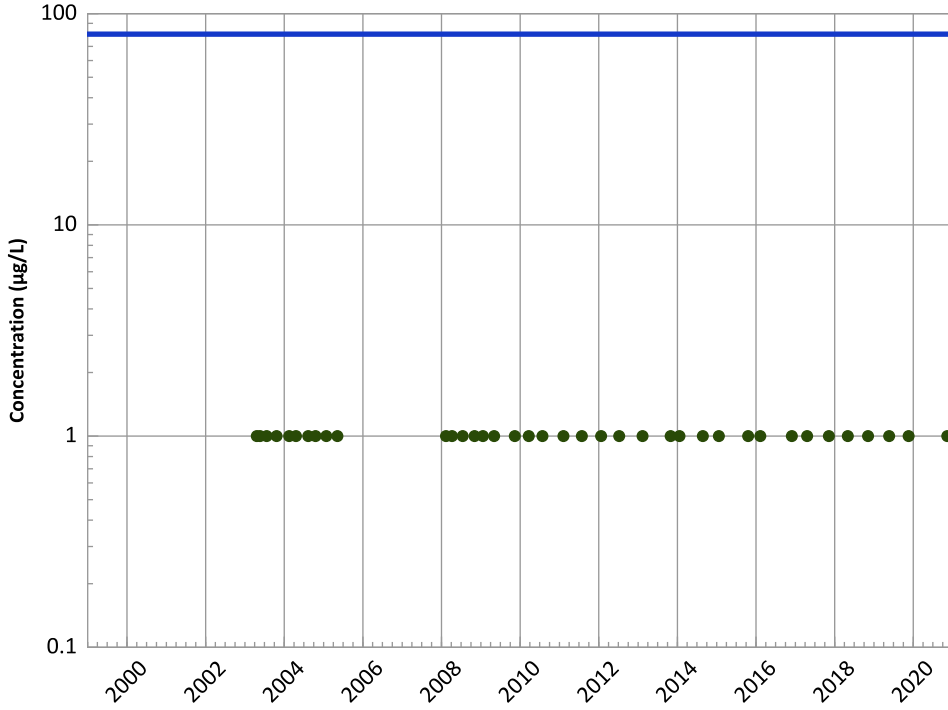
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

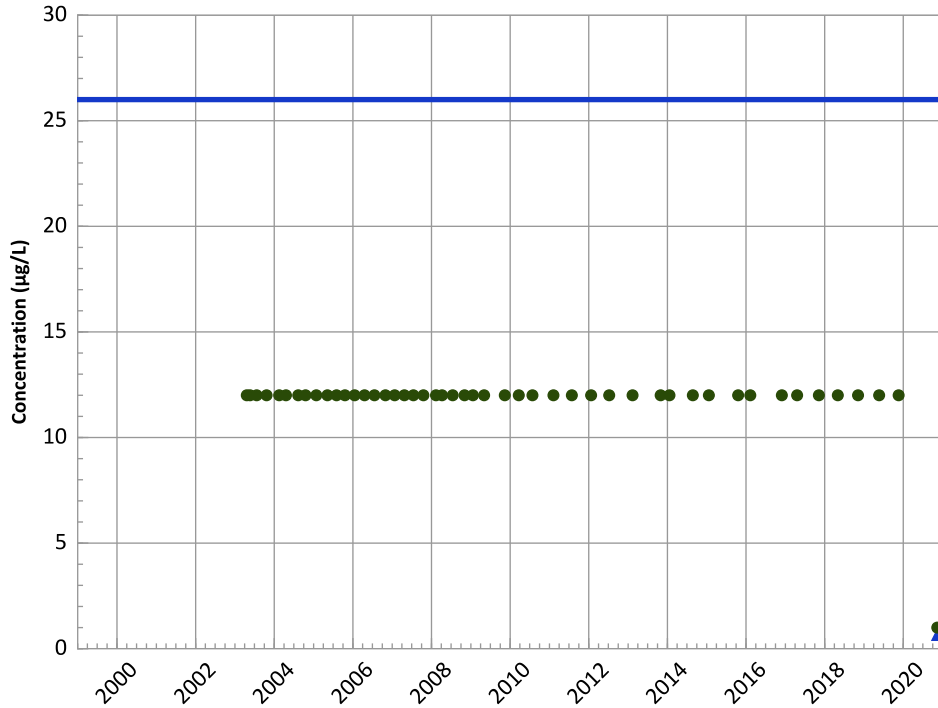
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

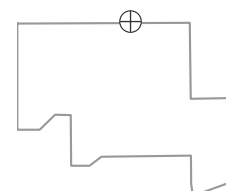
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 04/21/2003 to 11/12/2020
 Analysis Date: 06/03/2021

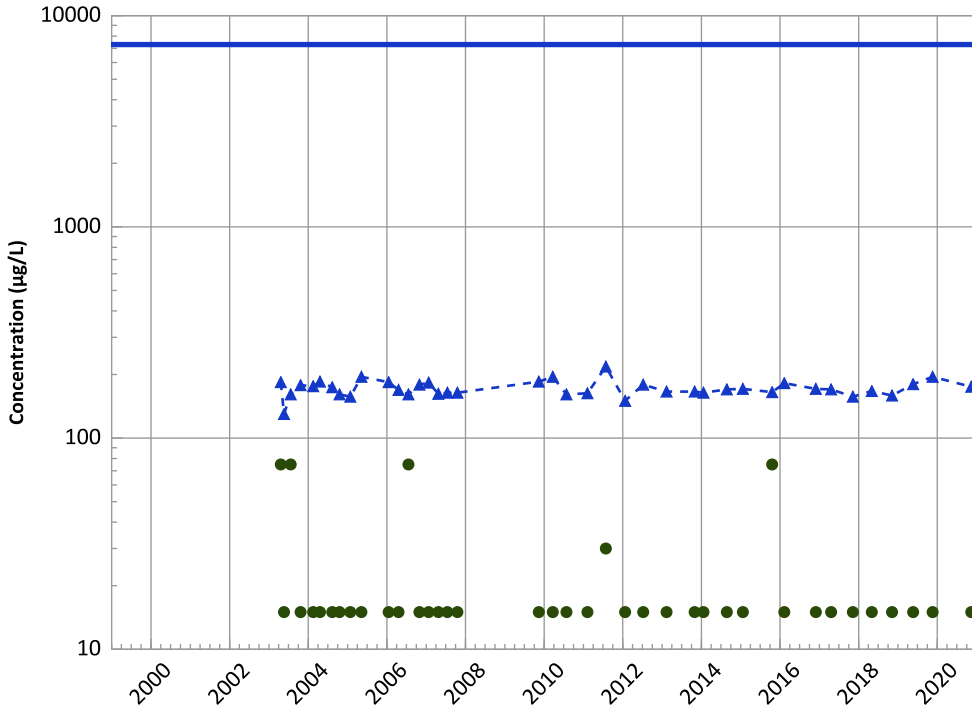
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

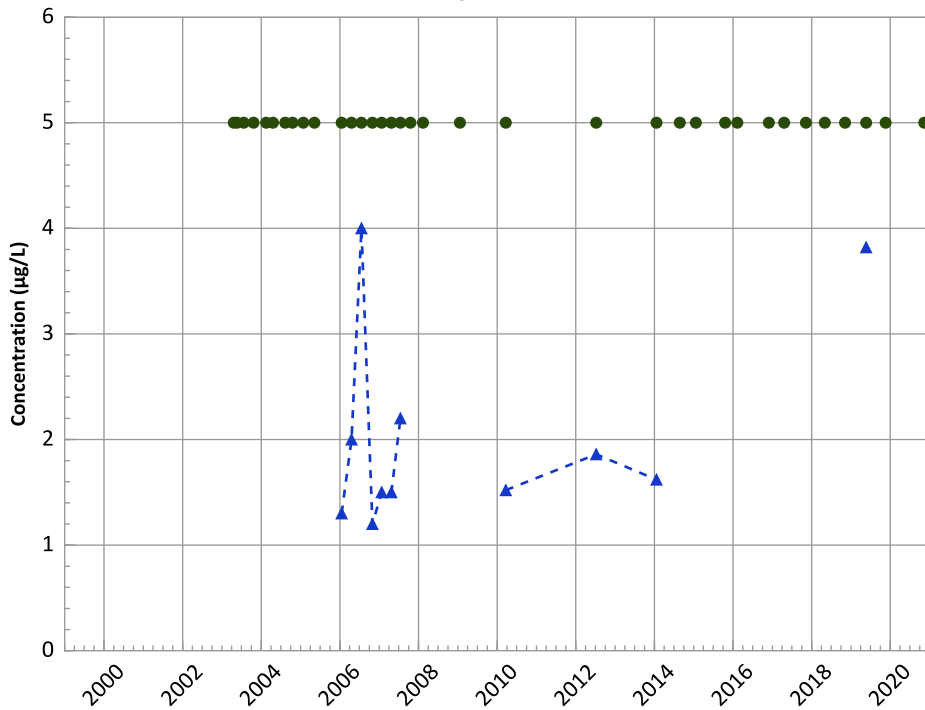
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Stable

MAROS Linear Regression Method

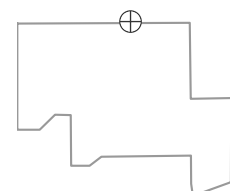
2018 - 2020 Data:

No Trend

All Data:

Stable

Well Location

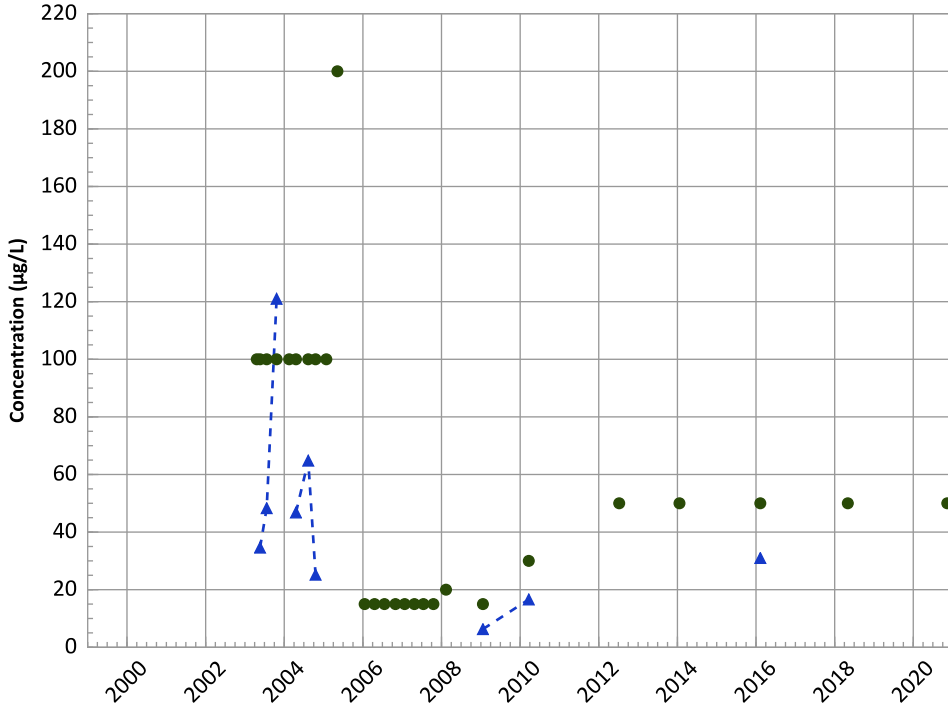


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant**

Aluminum Trend

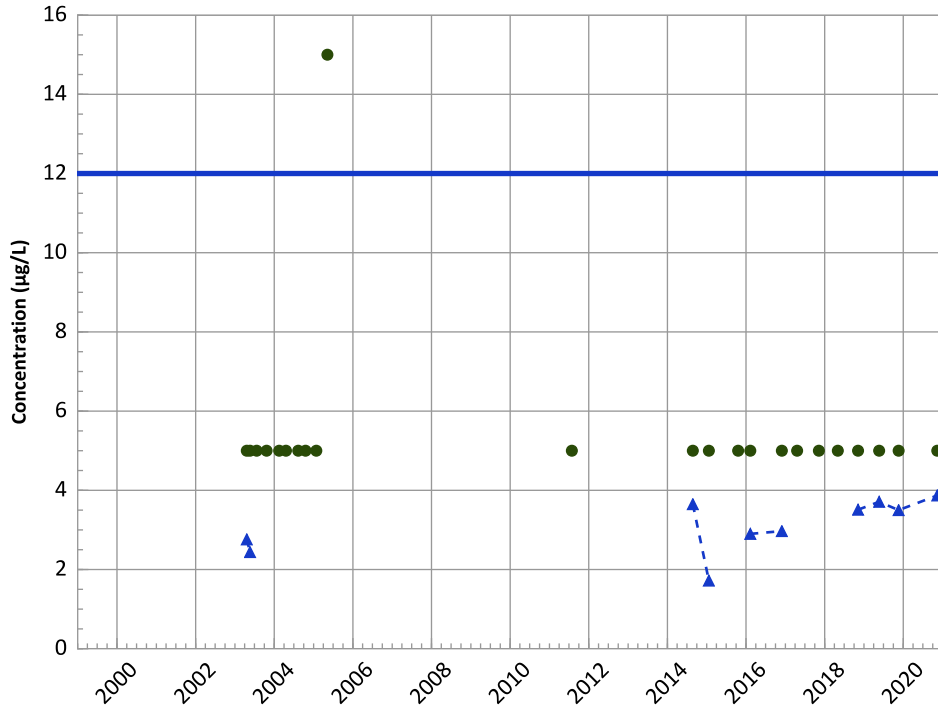


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Probably Decreasing

Arsenic Trend



Concentration Trend

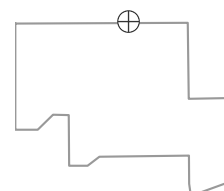
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

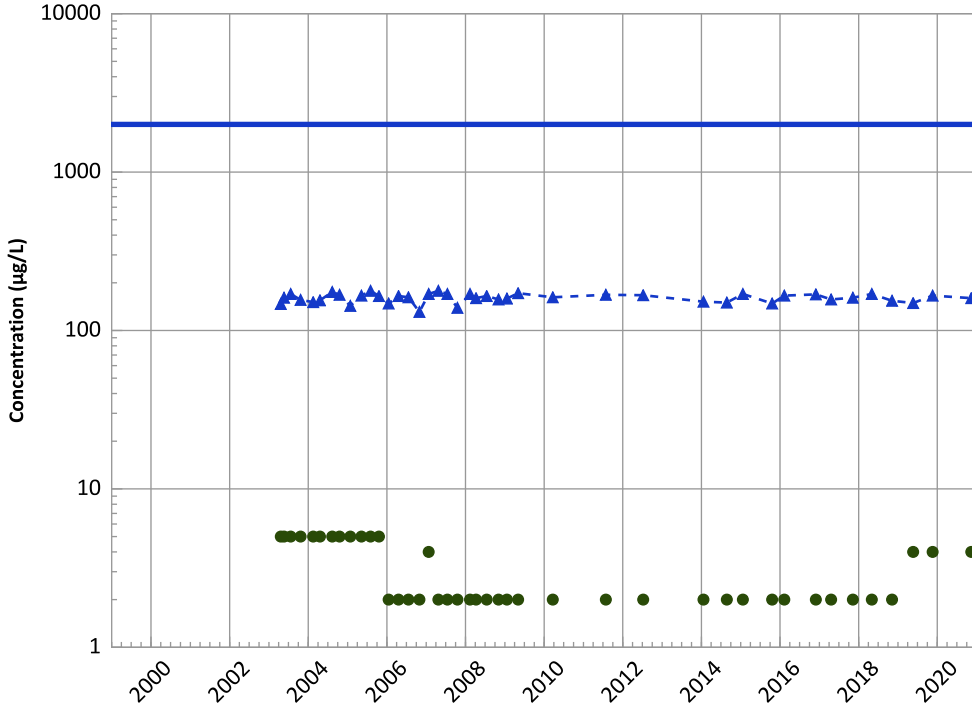
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

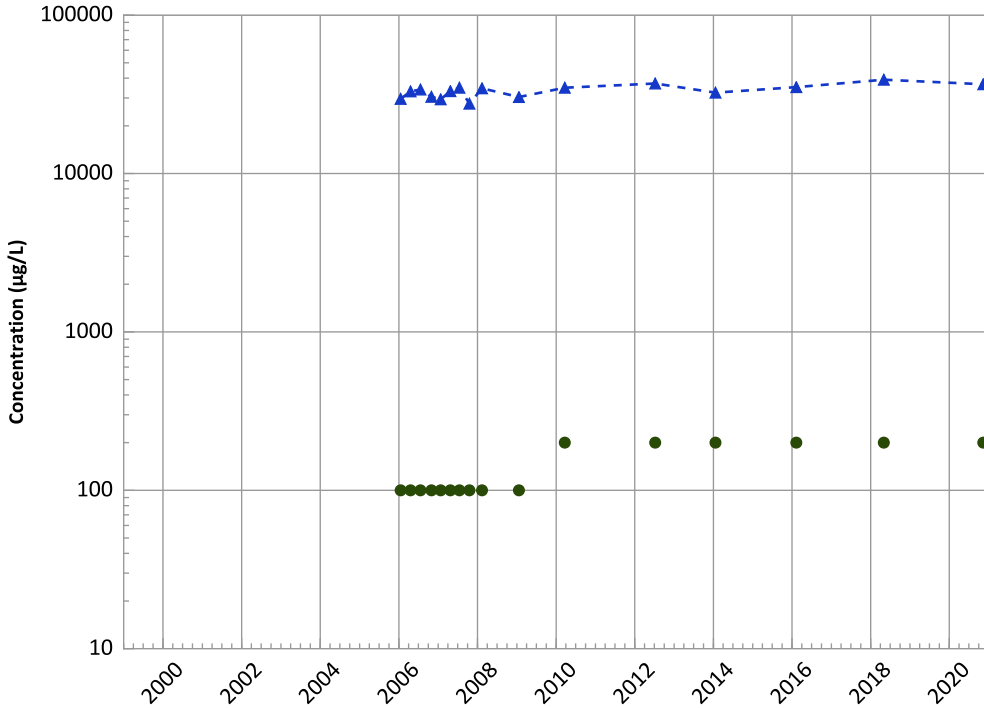
2018 - 2020 Data:

No Trend

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

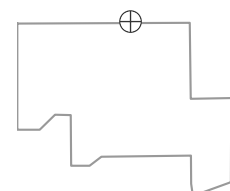
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

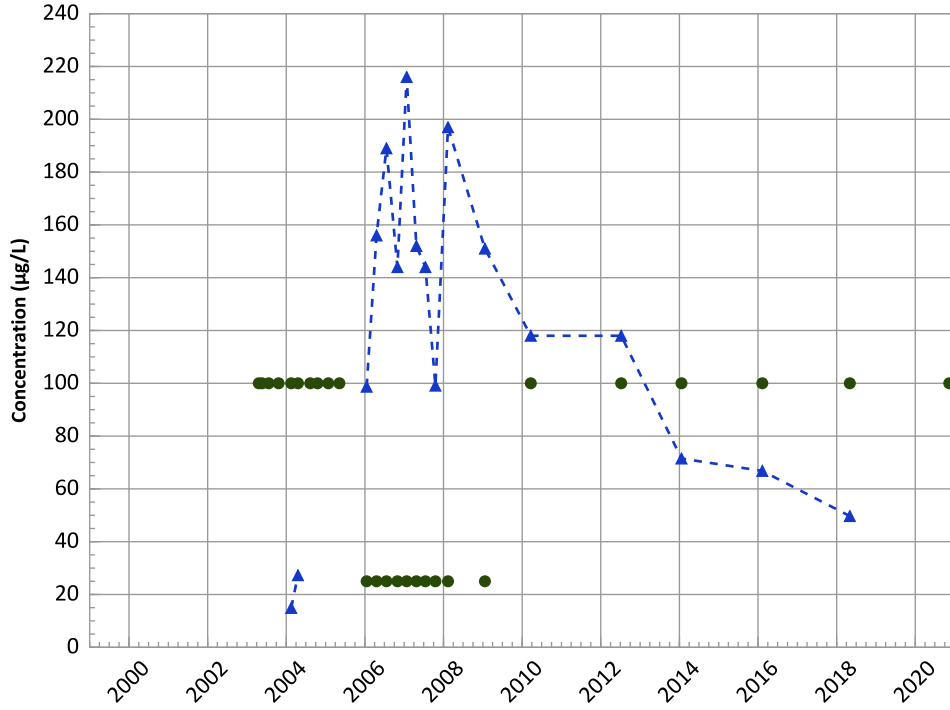


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

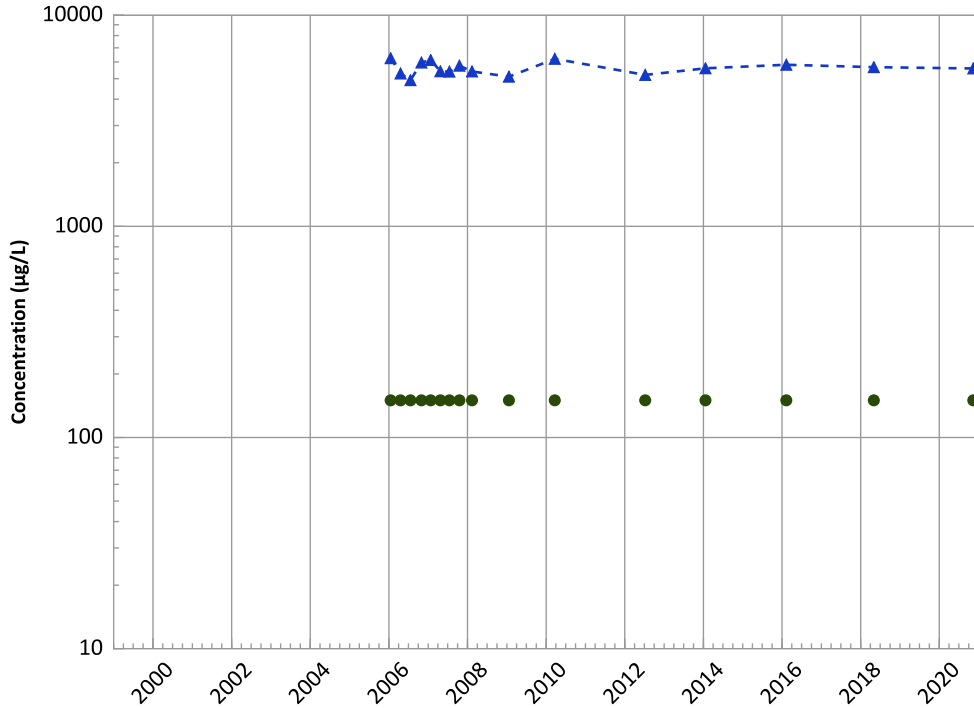


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Decreasing
All Data:
Stable

Potassium Trend



Concentration Trend

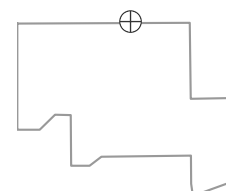
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

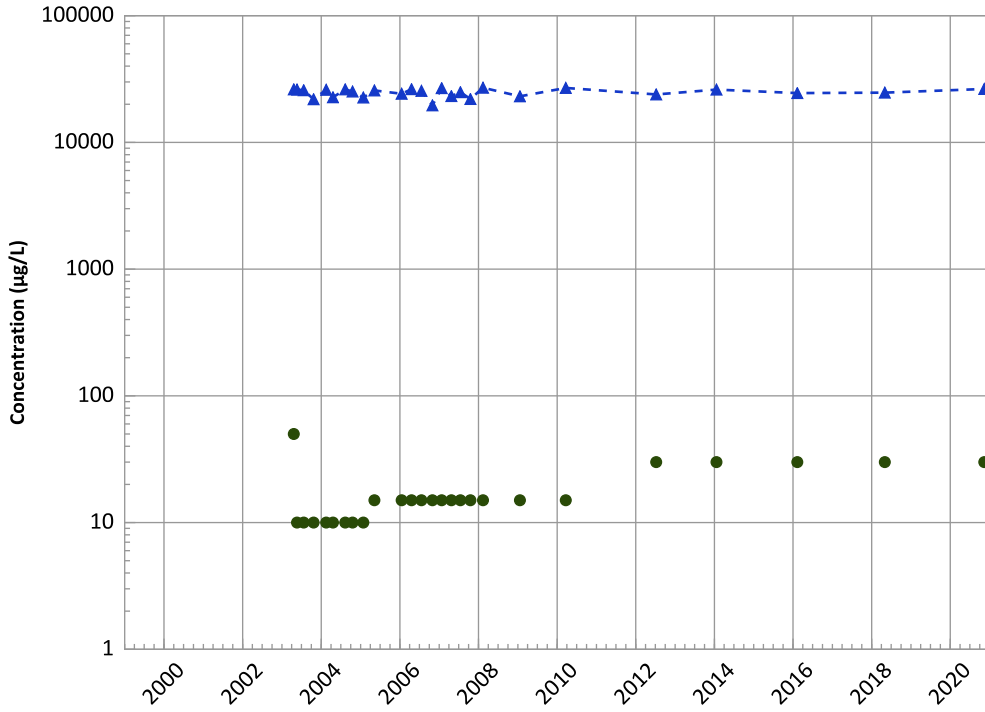
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

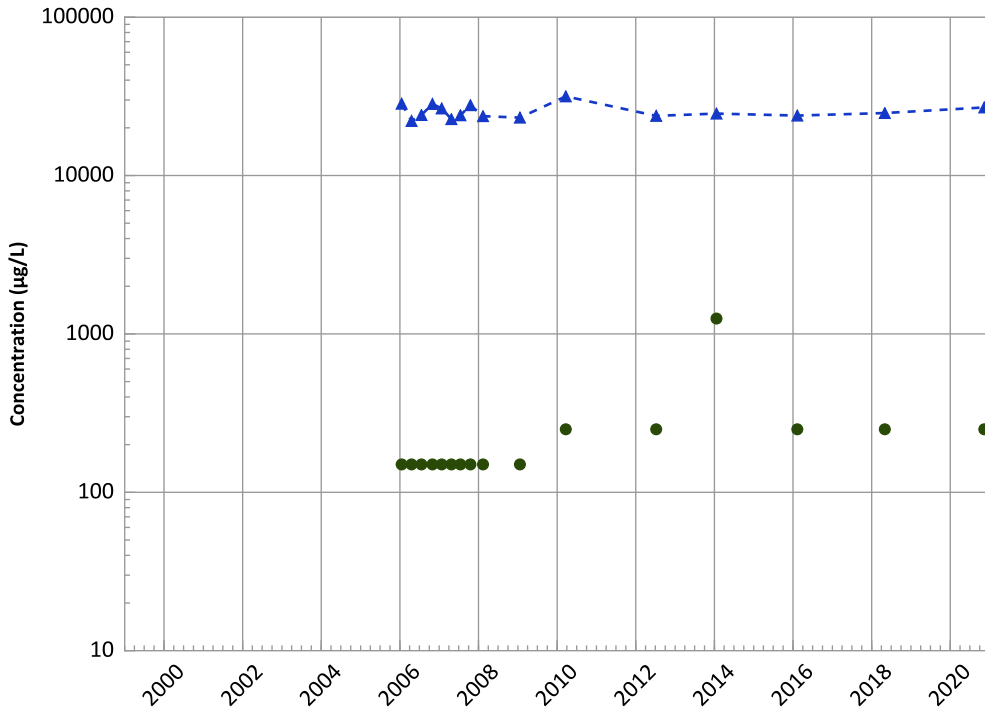
2018 - 2020 Data:

No Trend

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

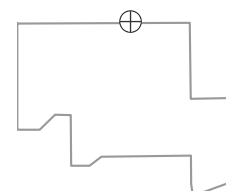
2018 - 2020 Data:

No Trend

All Data:

Increasing

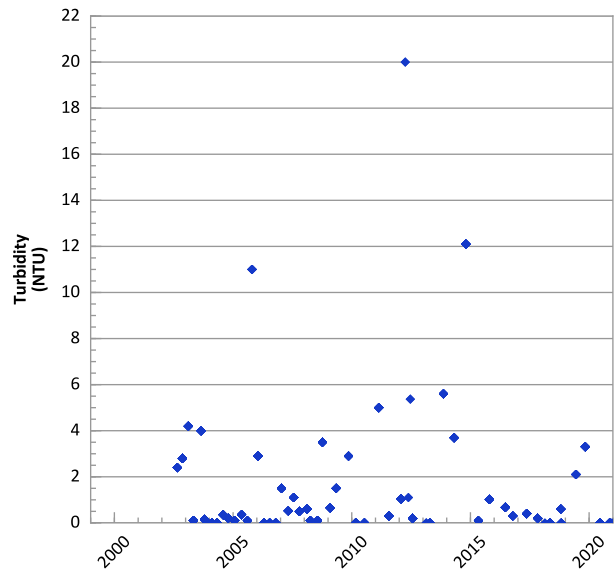
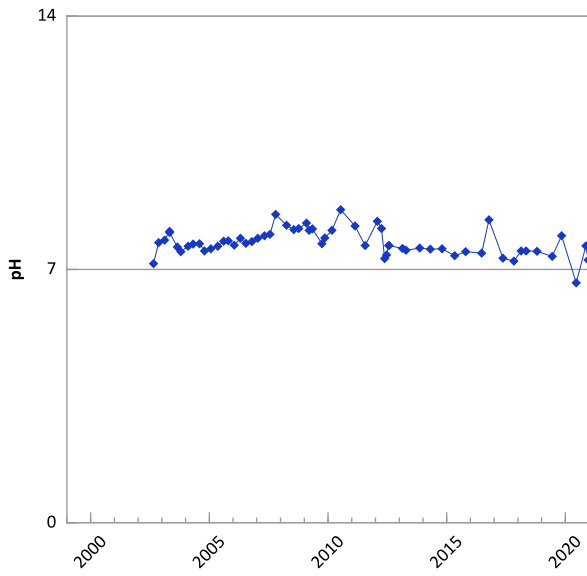
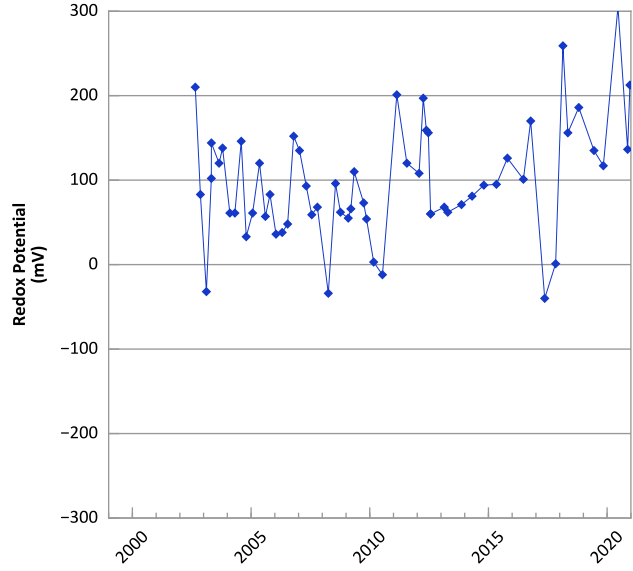
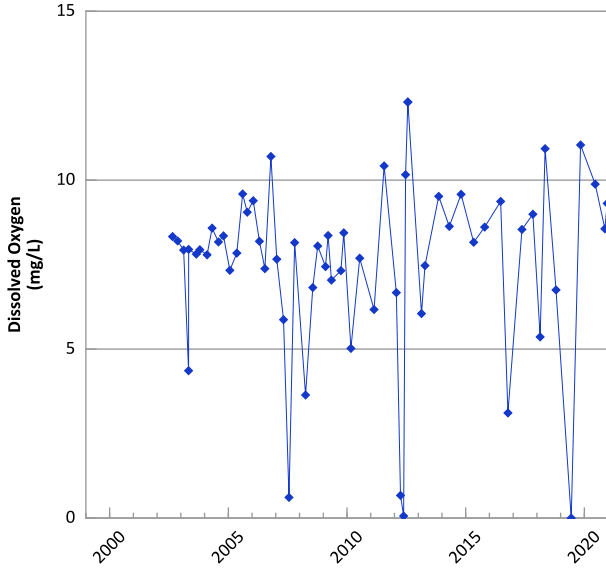
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 04/21/2003 to 11/12/2020
Analysis Date: 06/03/2021

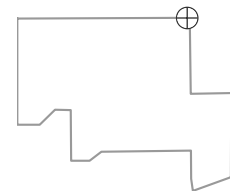
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



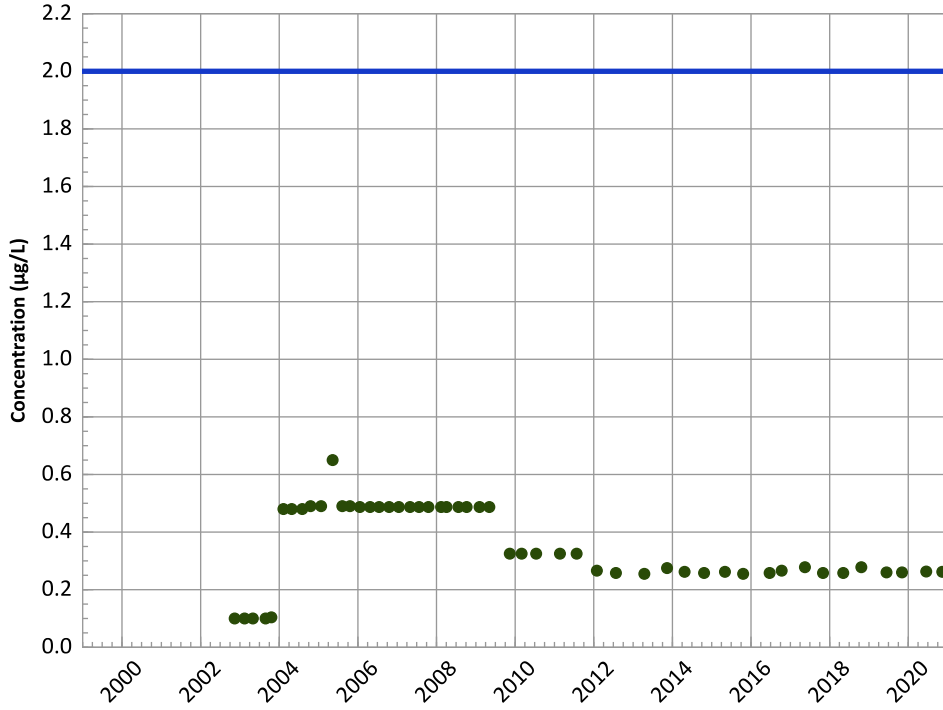
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

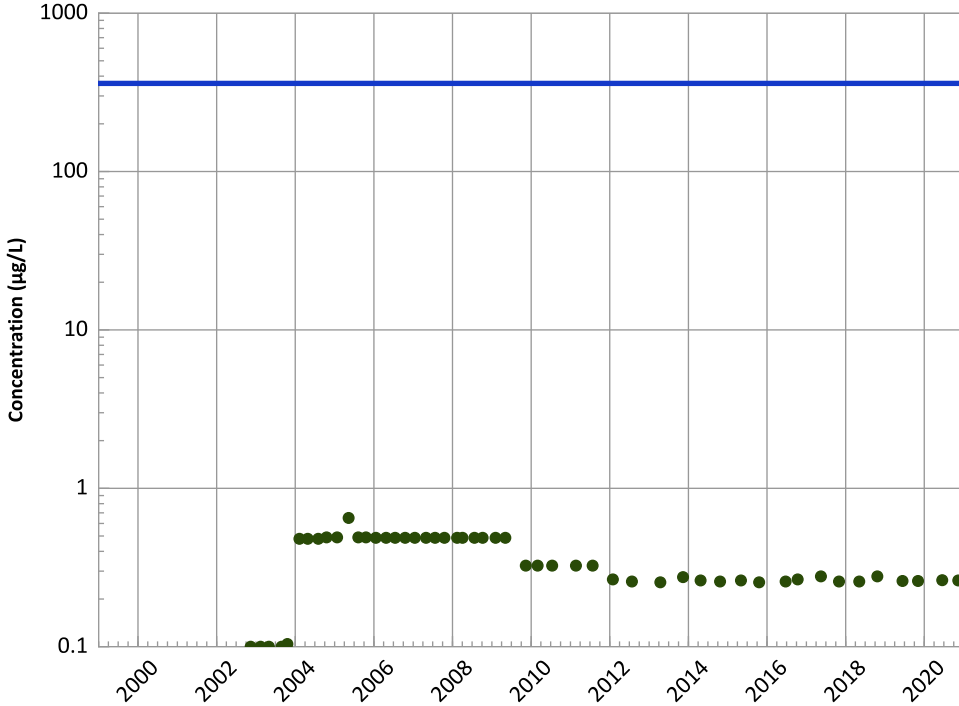
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

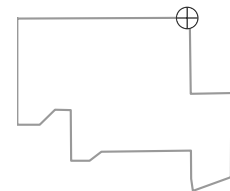
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

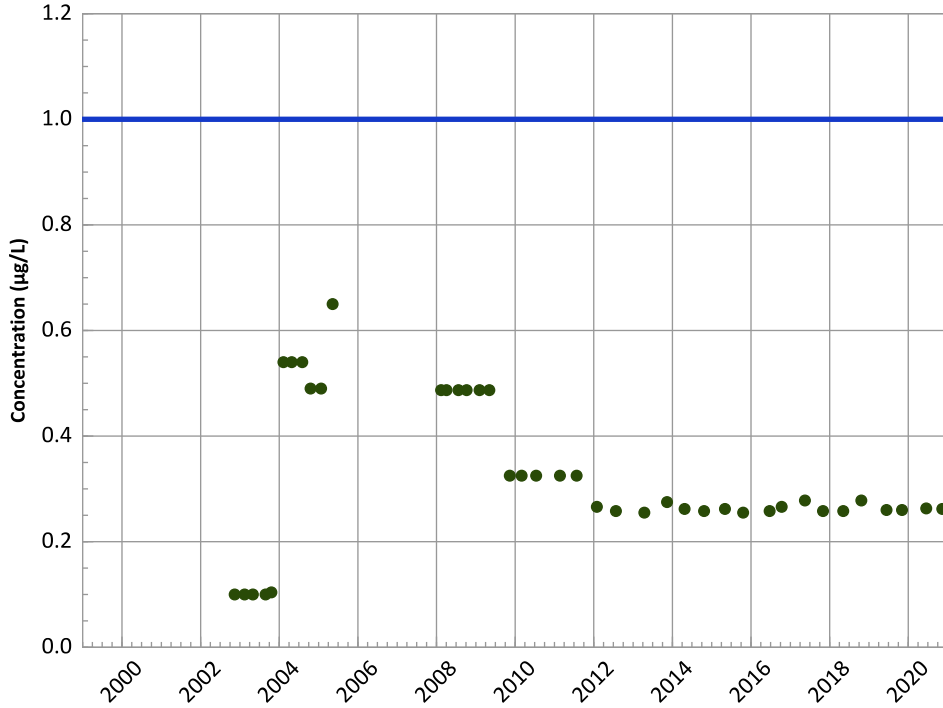
- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

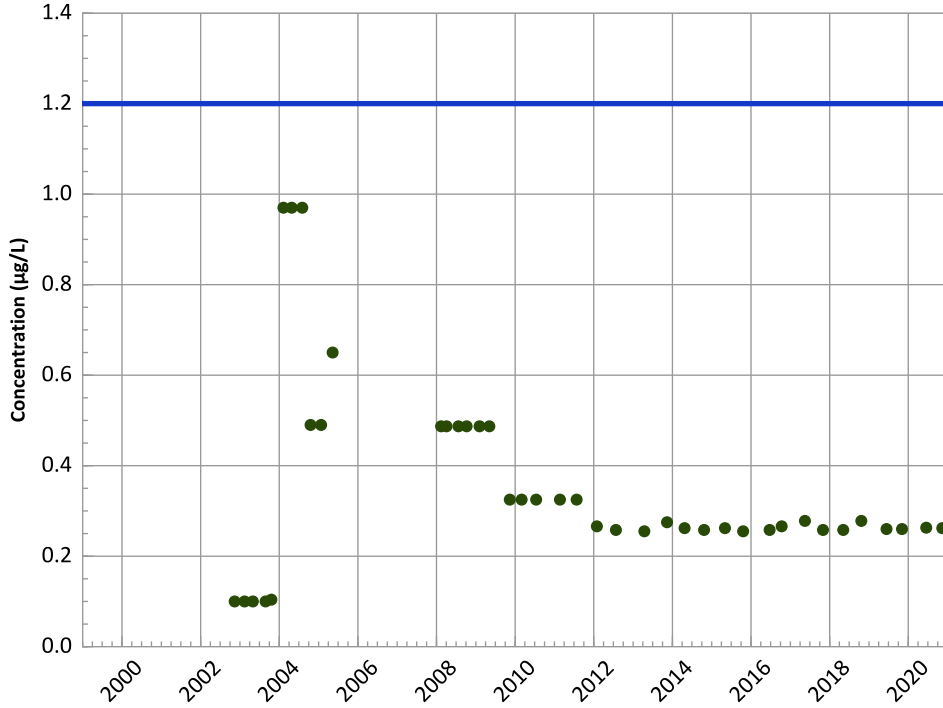
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

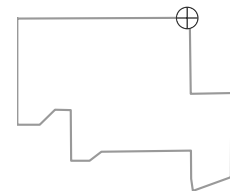
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

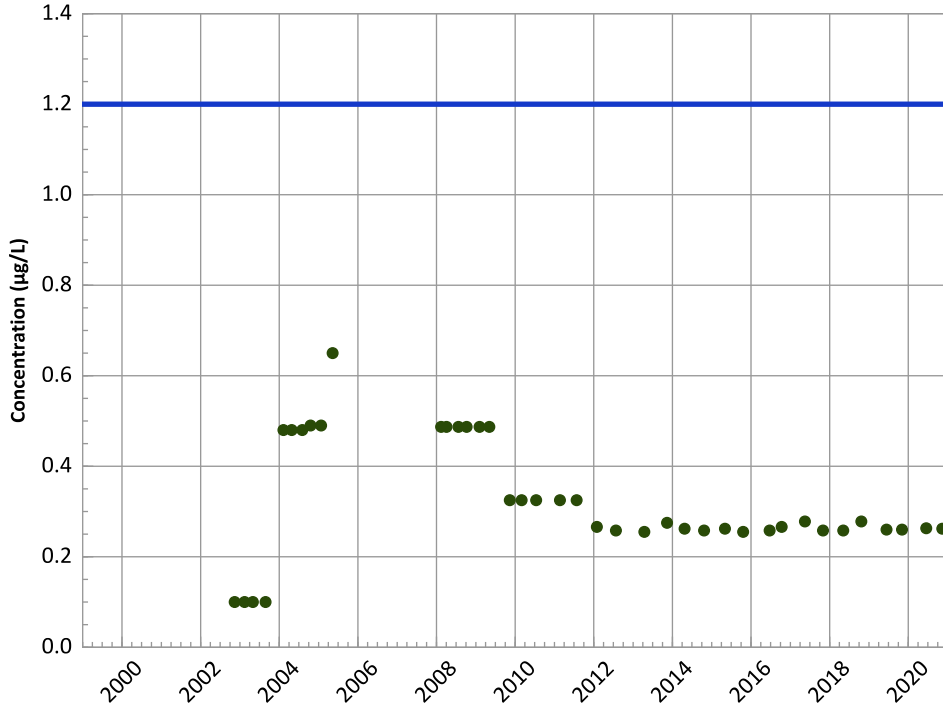
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

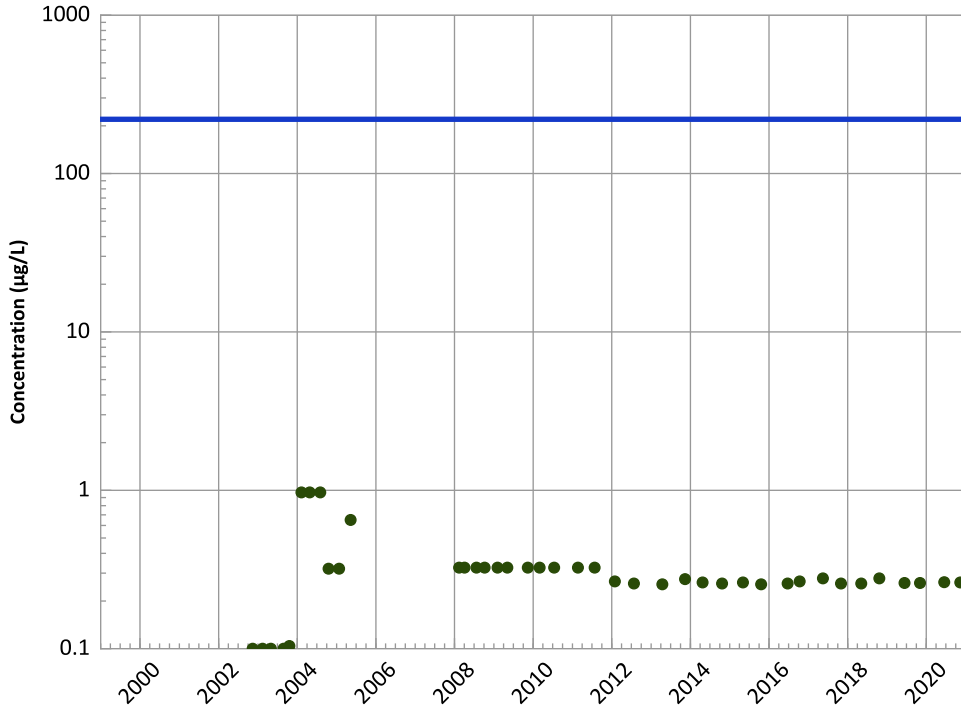
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

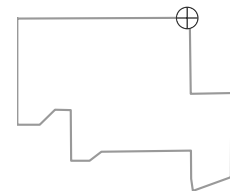
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

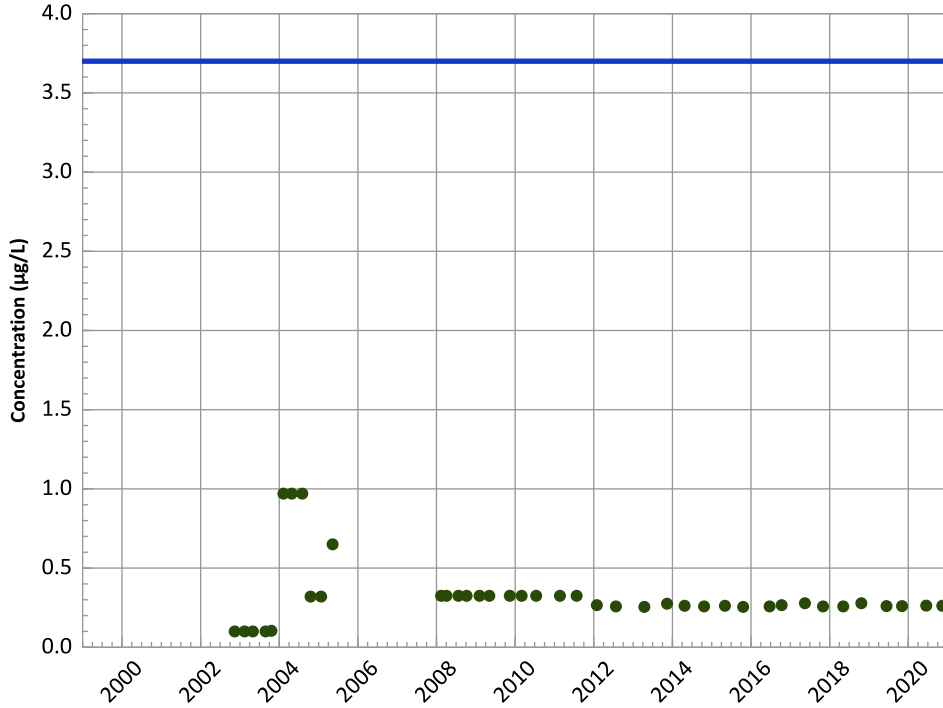
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

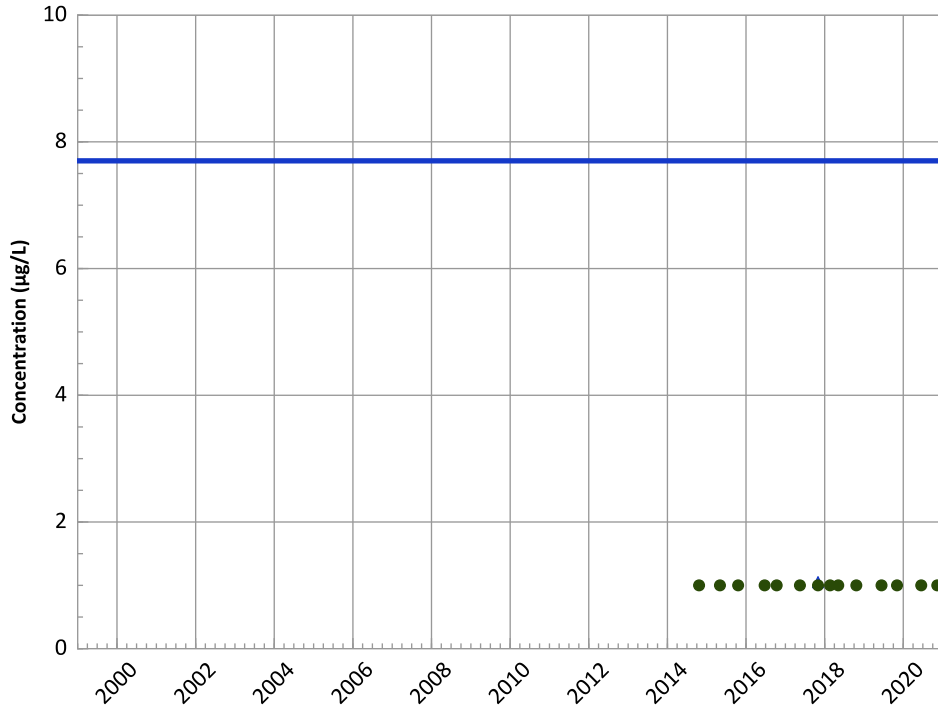
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

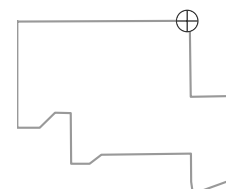
All Data:

N/A (<4 Detections in Dataset)

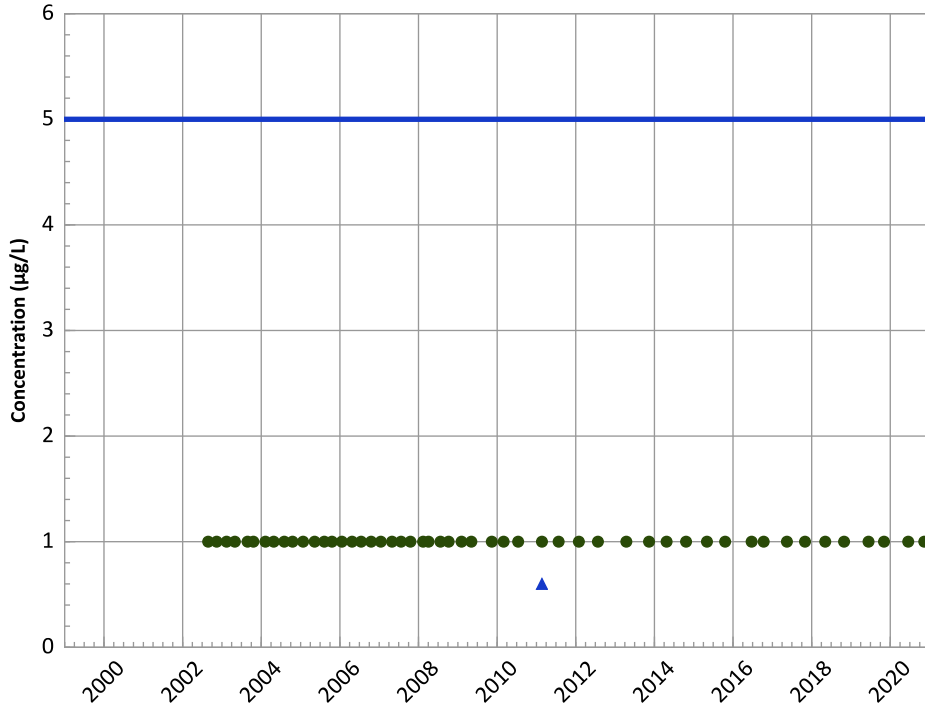
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

- ▲ 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

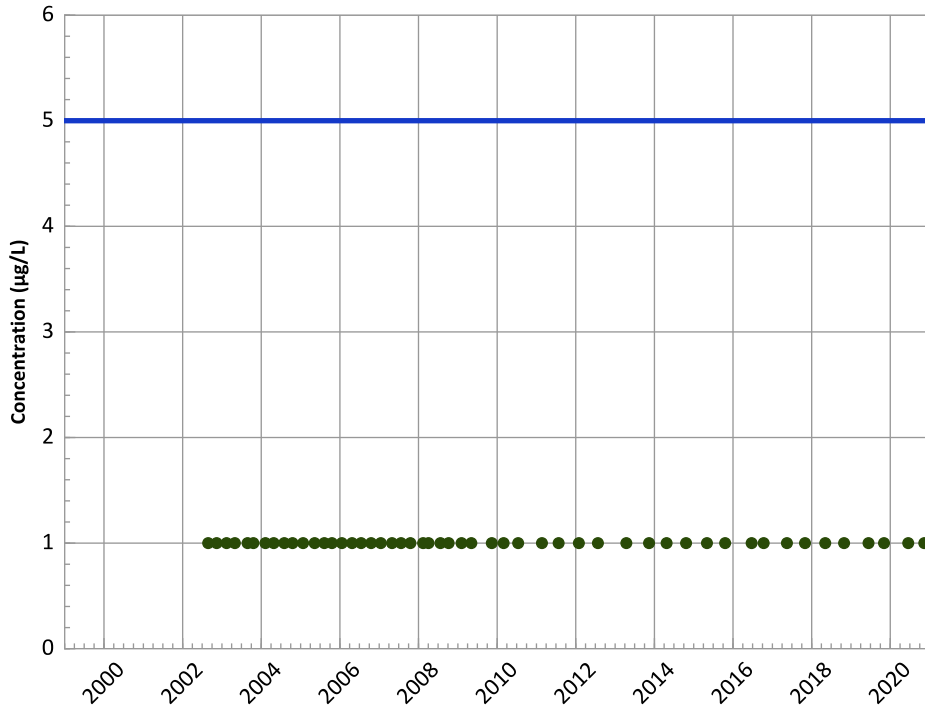
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

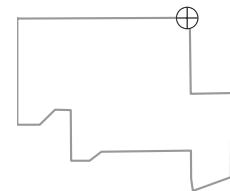
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

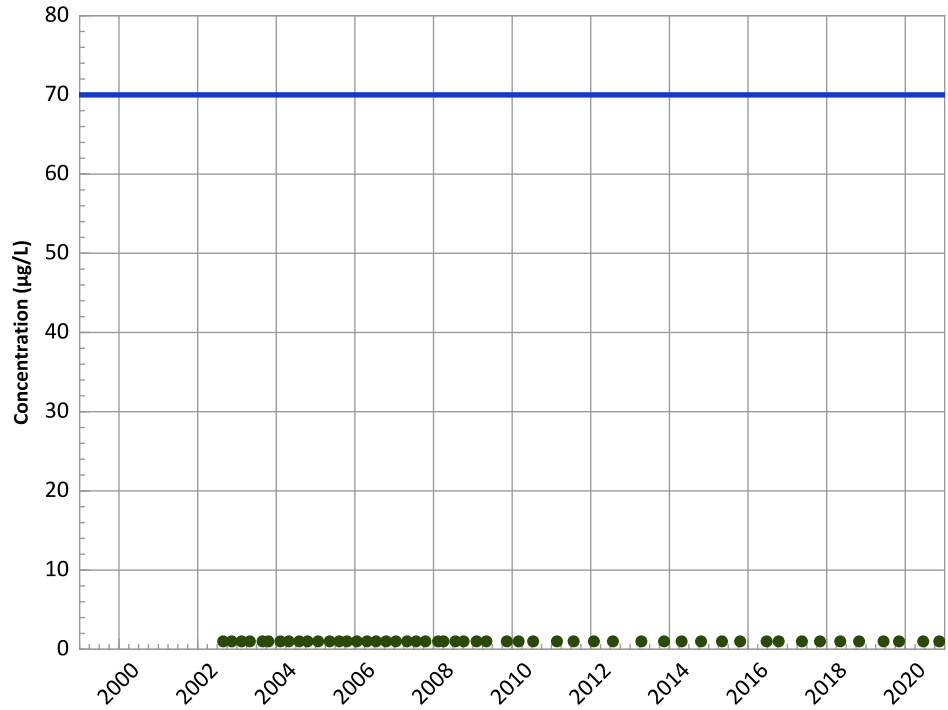
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

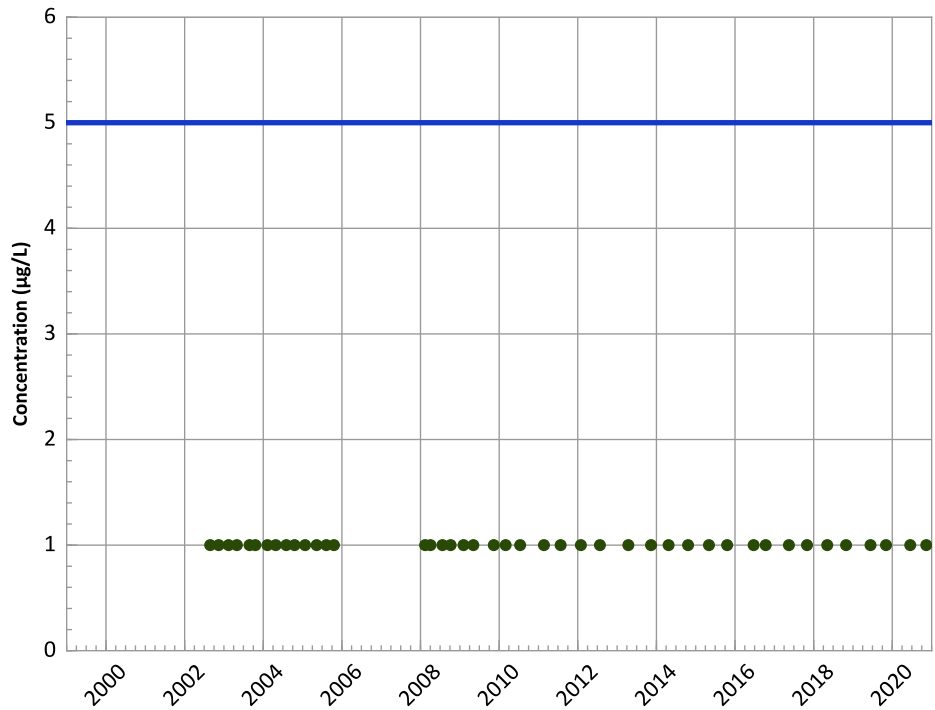
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

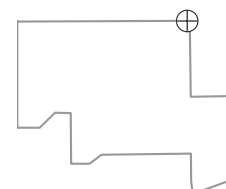
All Data:

All Non-Detect

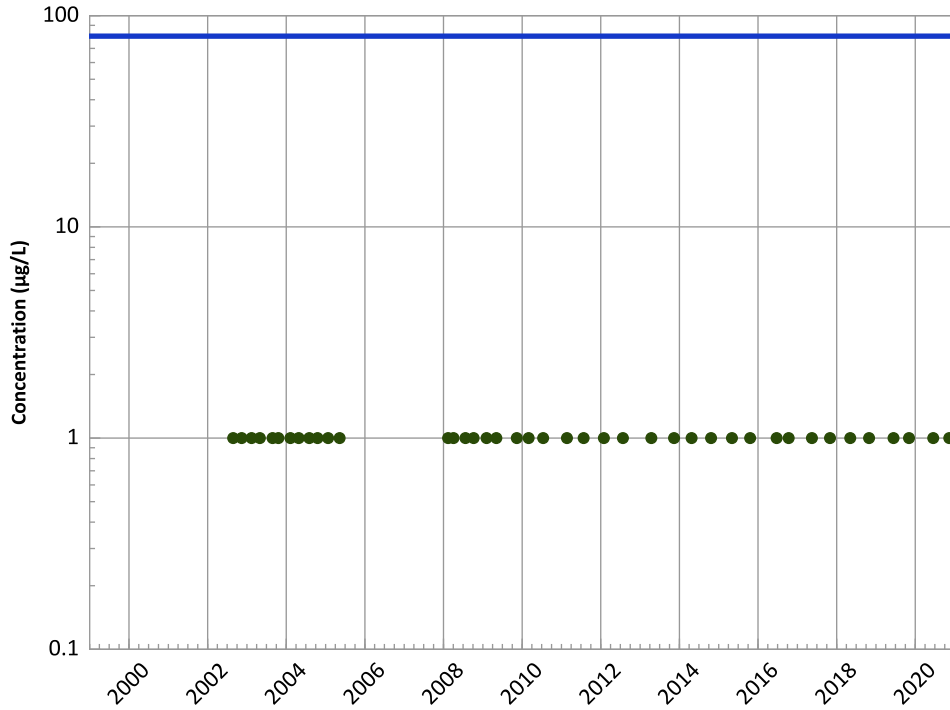
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend

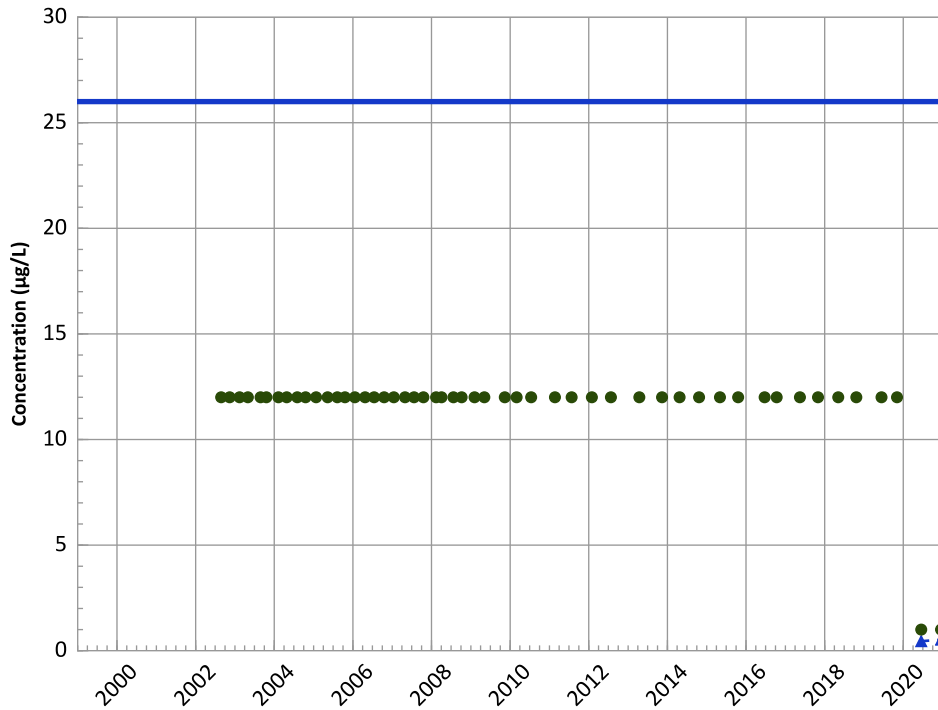


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

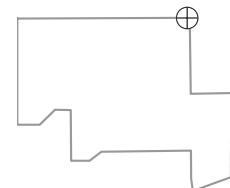
MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

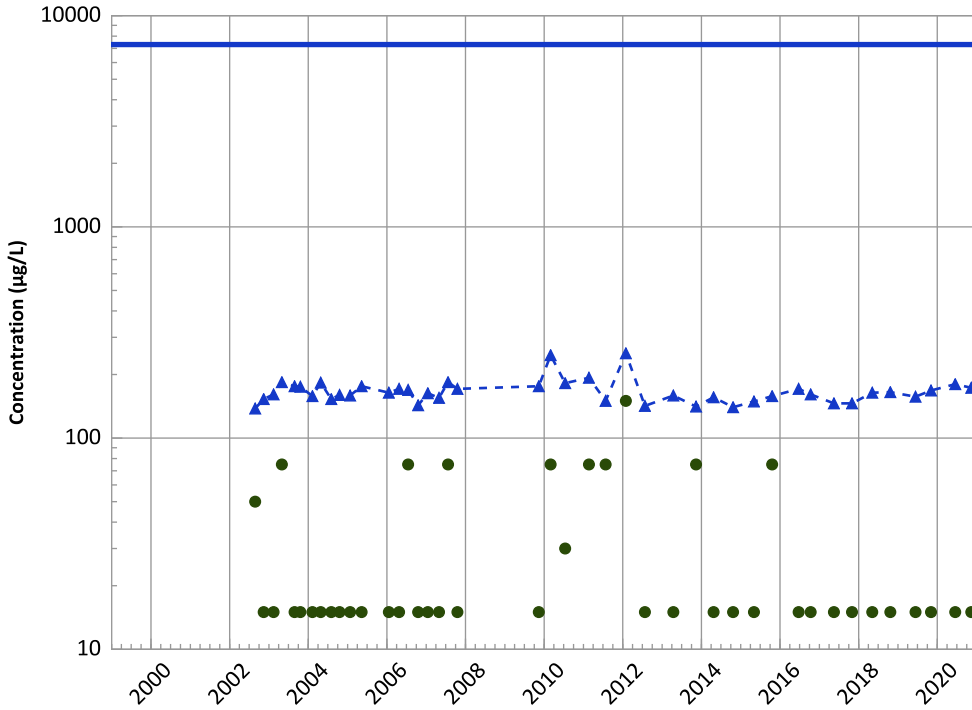
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

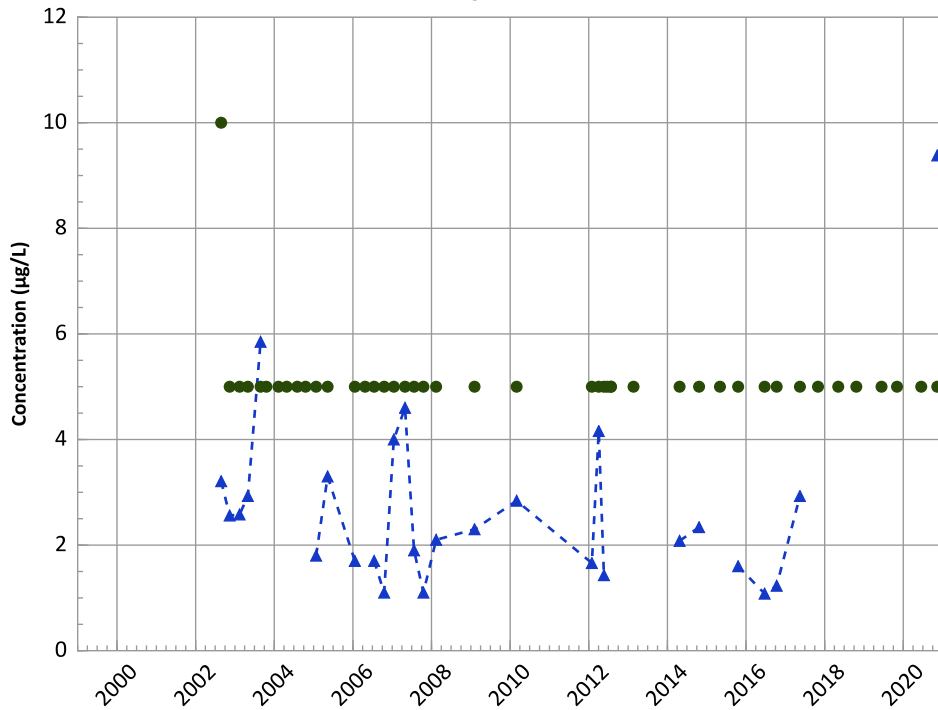
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

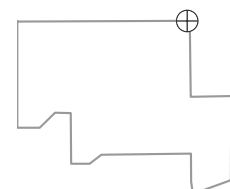
2018 - 2020 Data:

No Trend

All Data:

Stable

Well Location

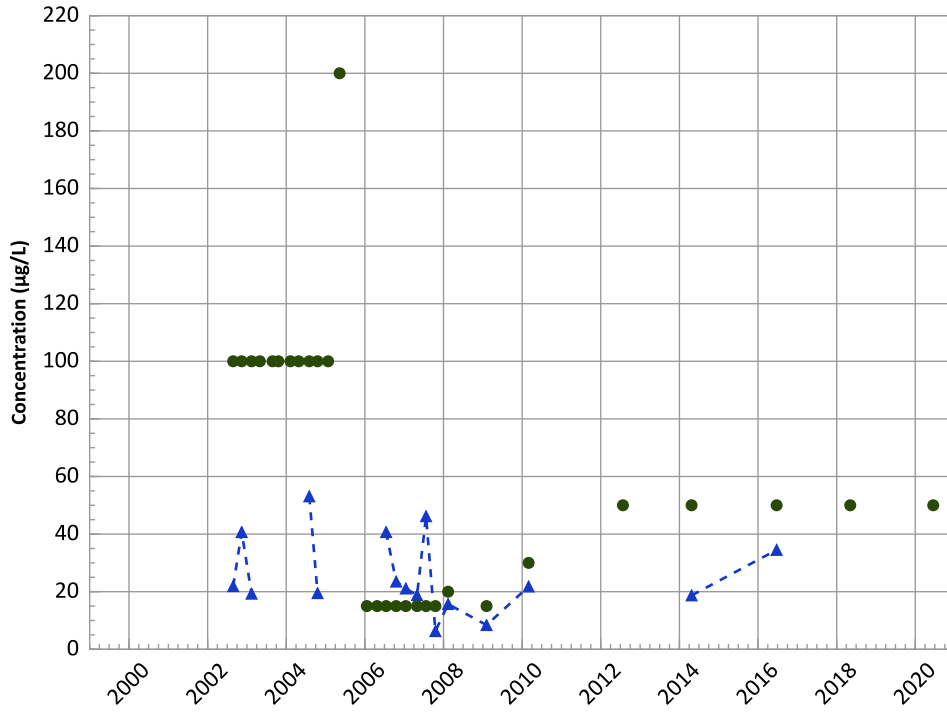


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

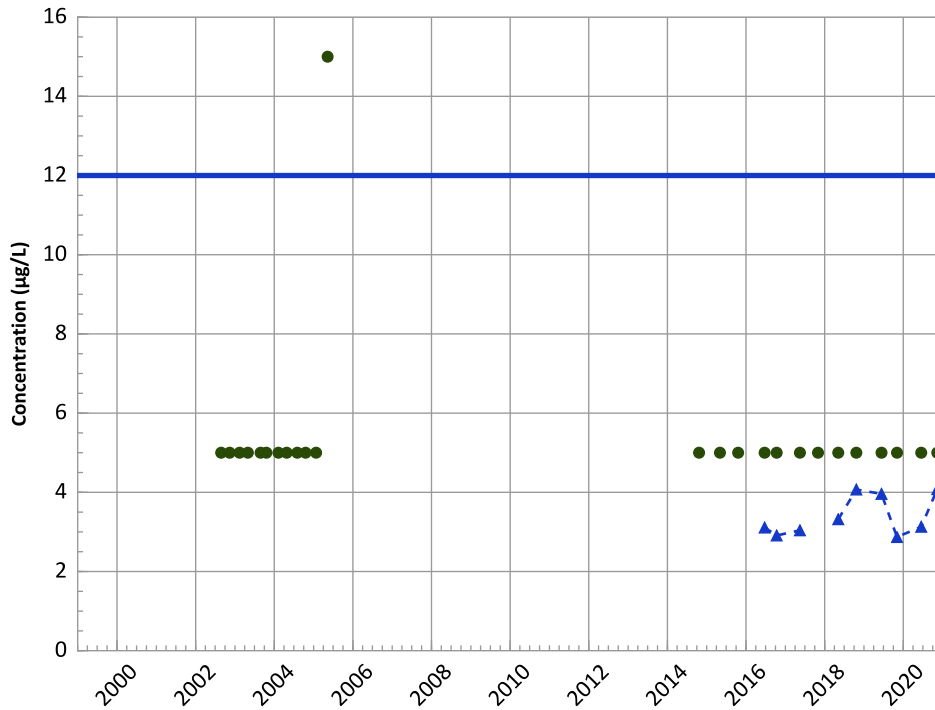


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Probably Increasing
All Data:
Stable

Arsenic Trend



Concentration Trend

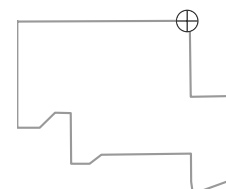
MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

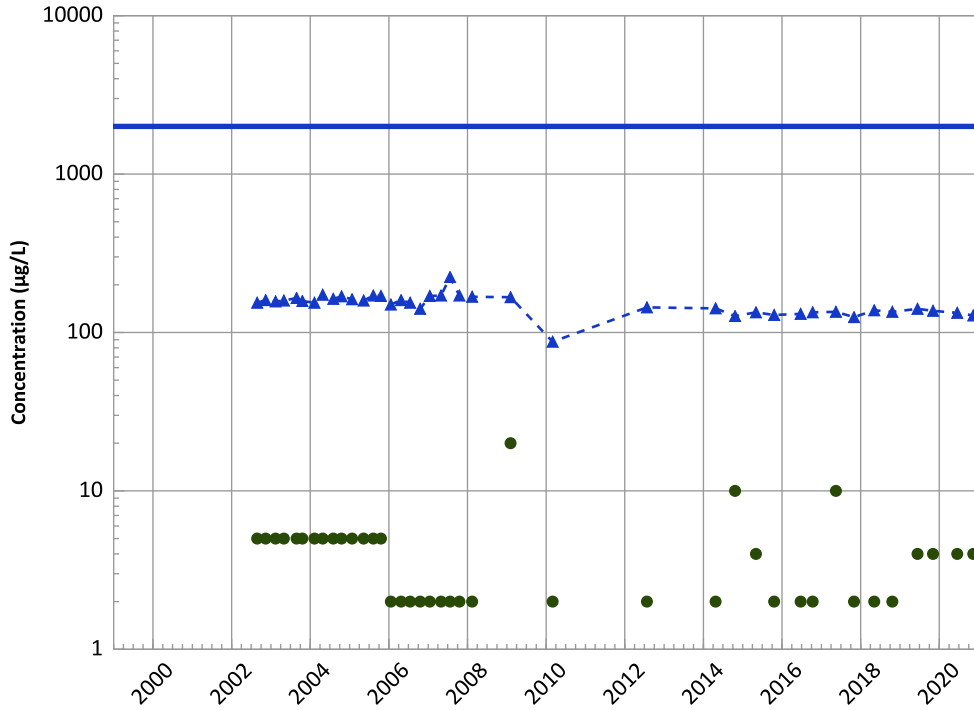
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

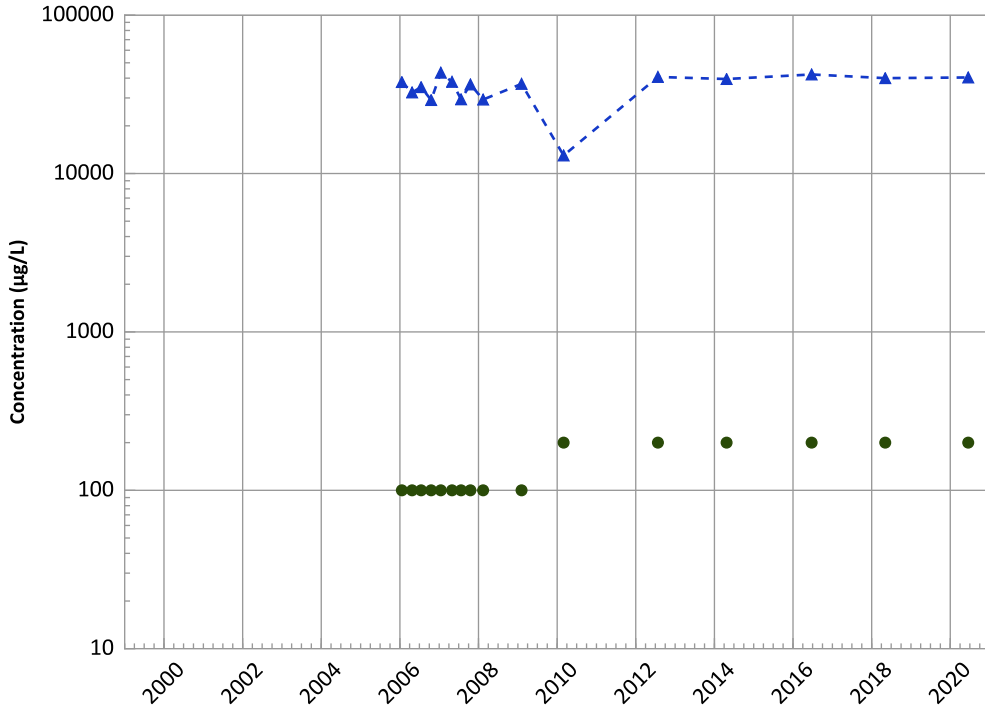
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

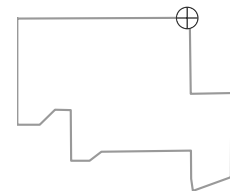
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

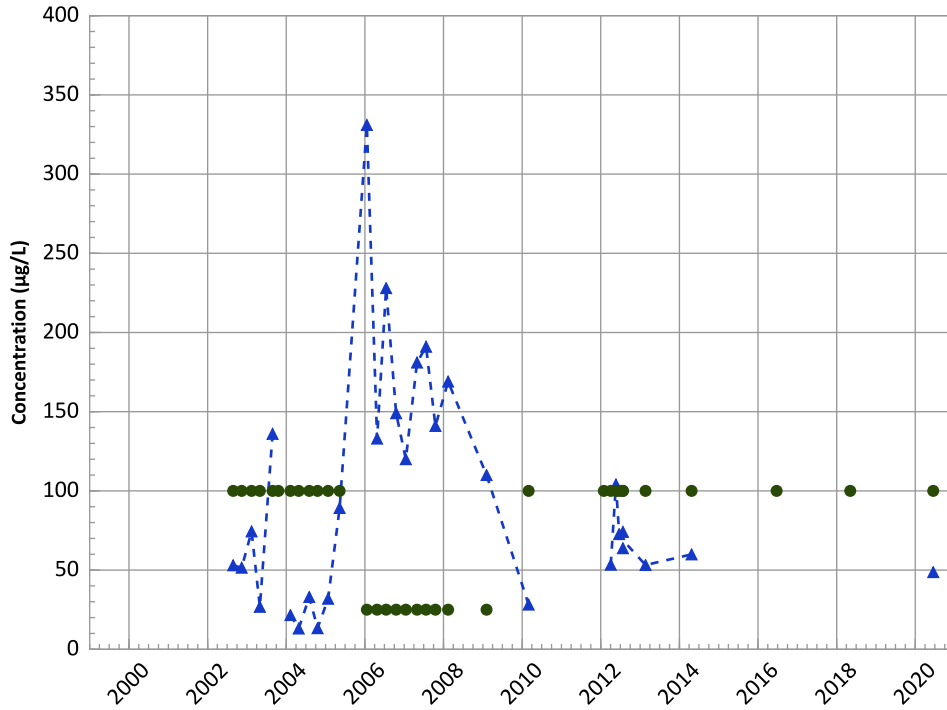
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

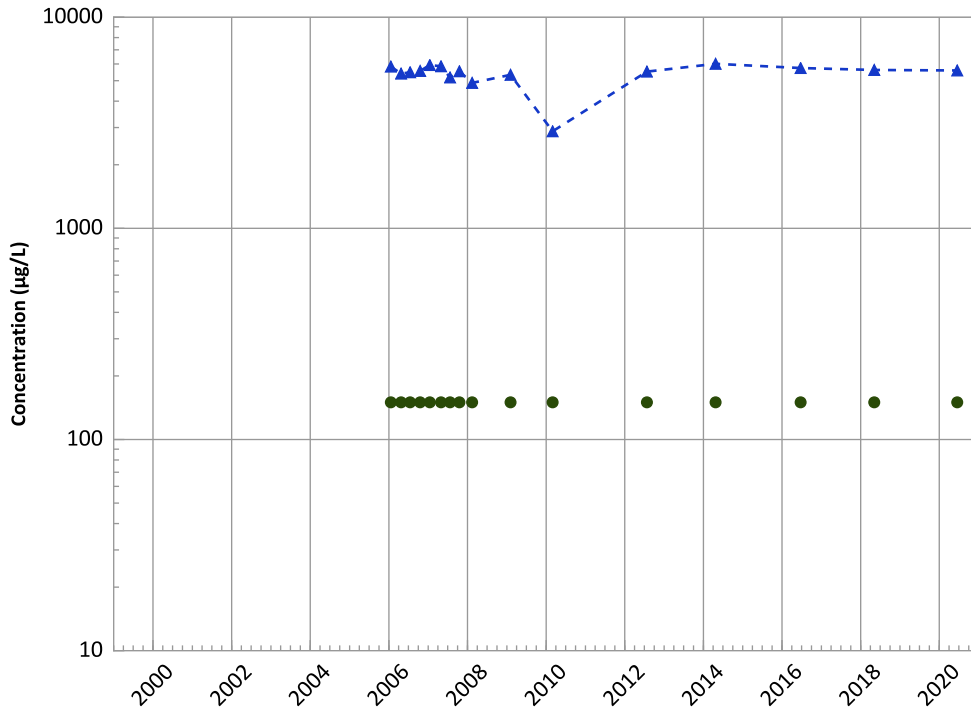


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Potassium Trend



Concentration Trend

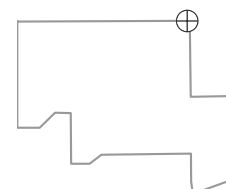
MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

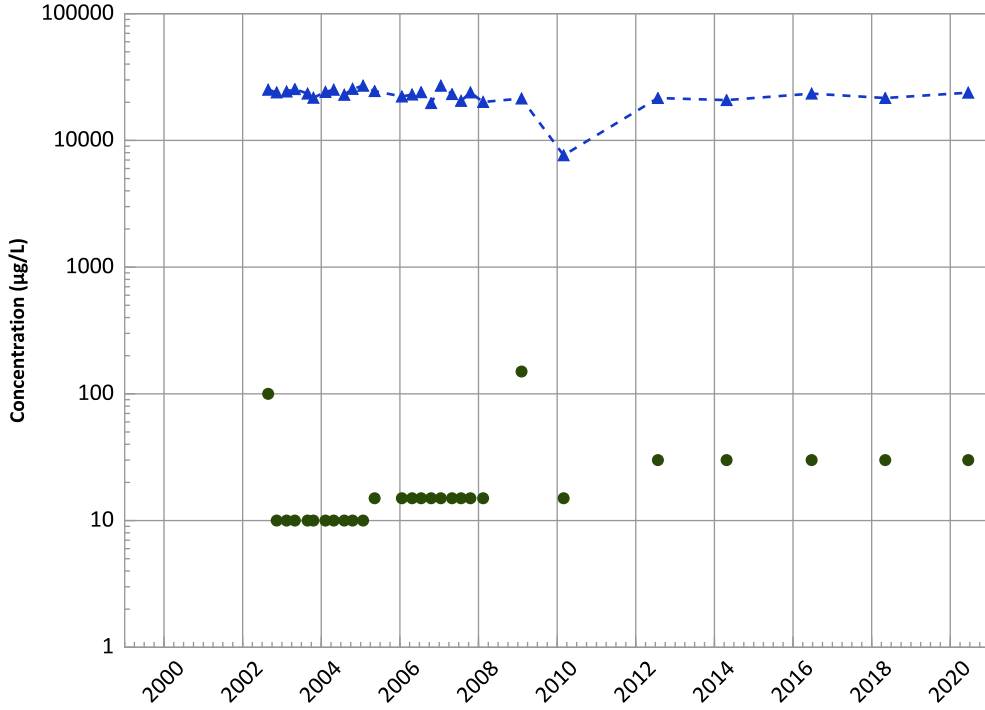
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

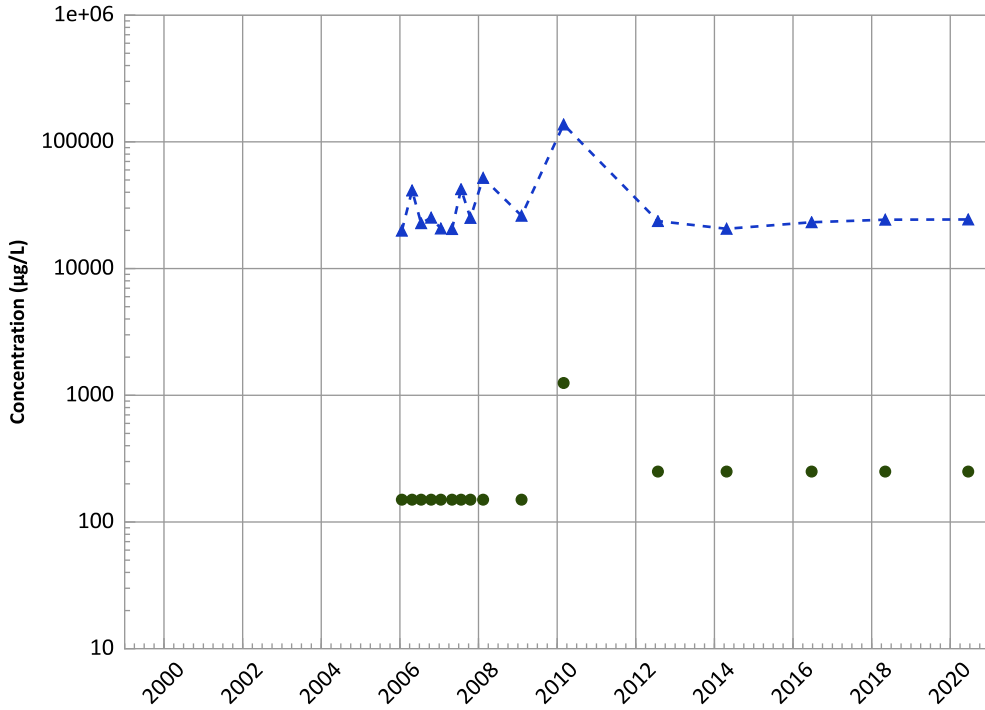
2018 - 2020 Data:

No Trend

All Data:

Stable

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

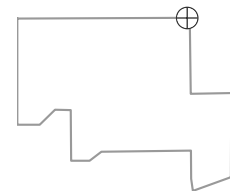
All Data:

Stable

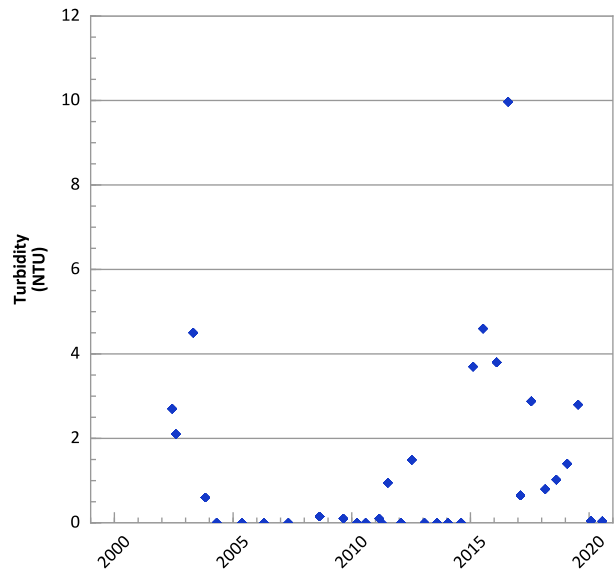
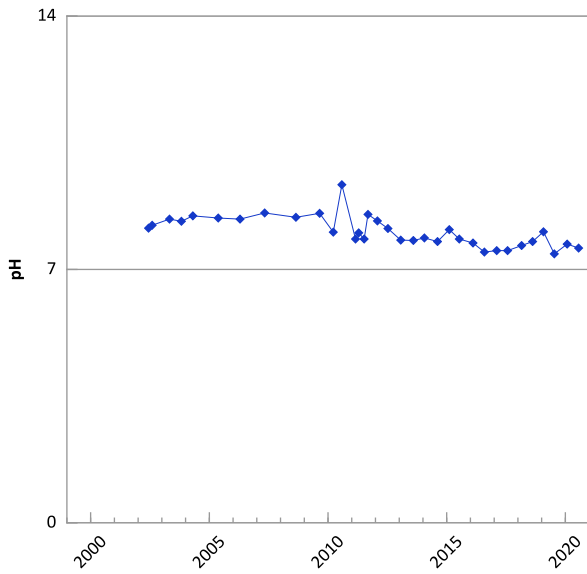
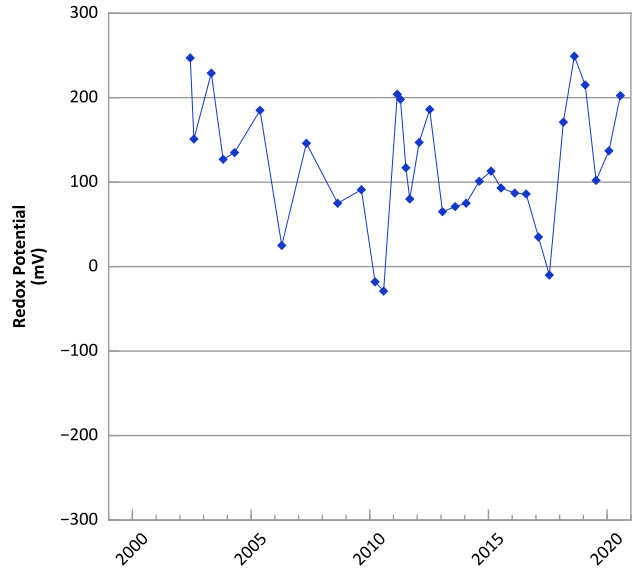
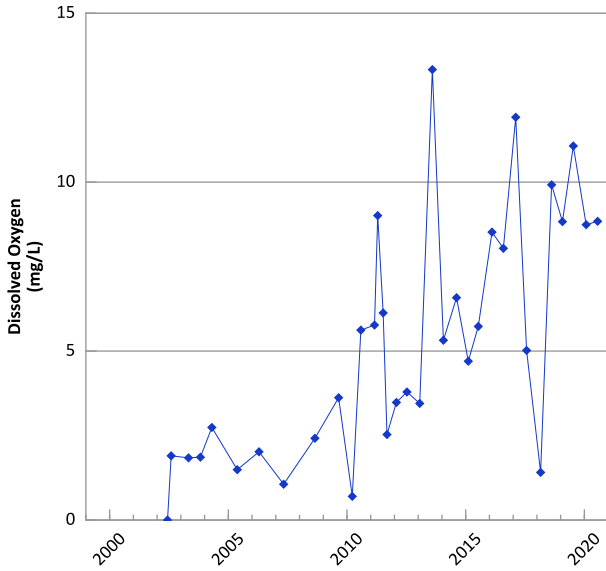
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 08/26/2002 to 12/17/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

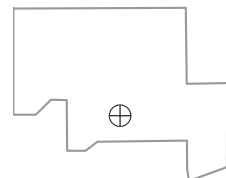


**PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



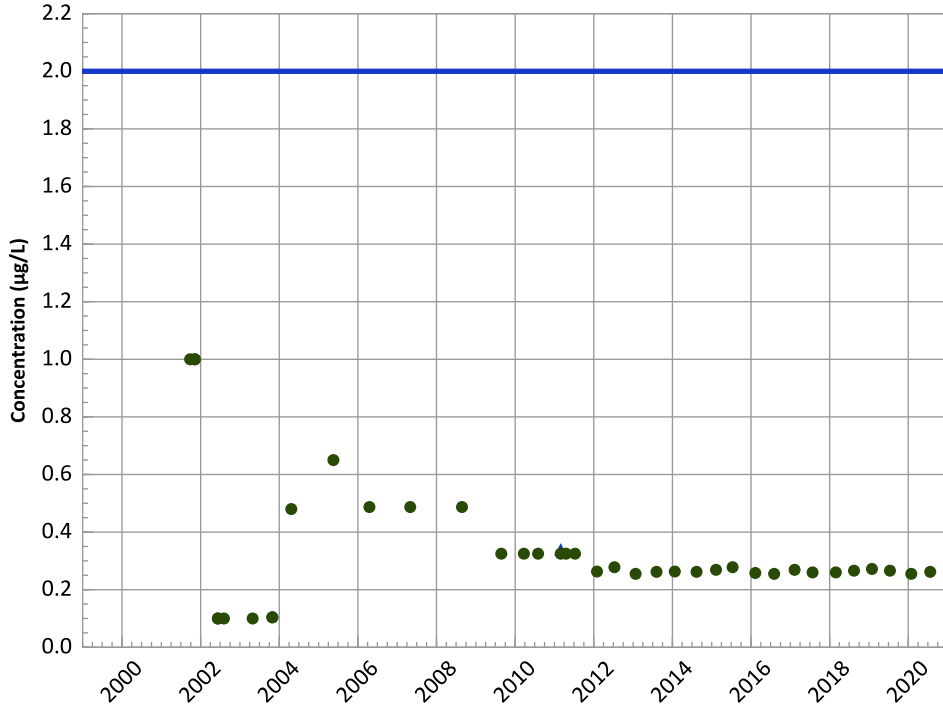
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/25/2001 to 07/23/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

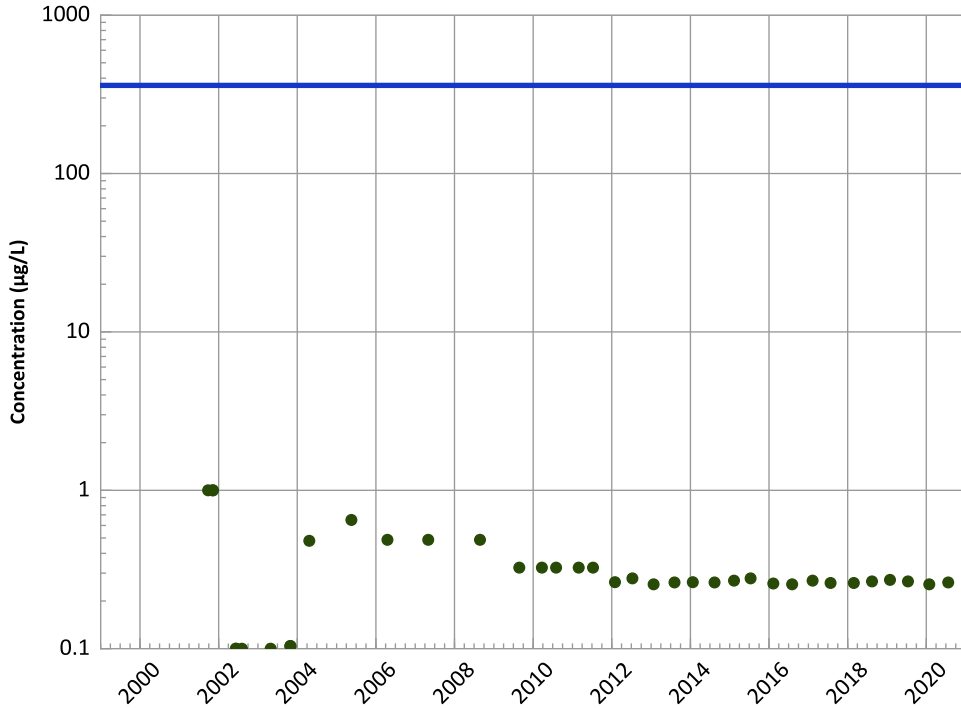
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

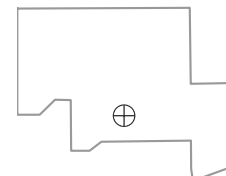
MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

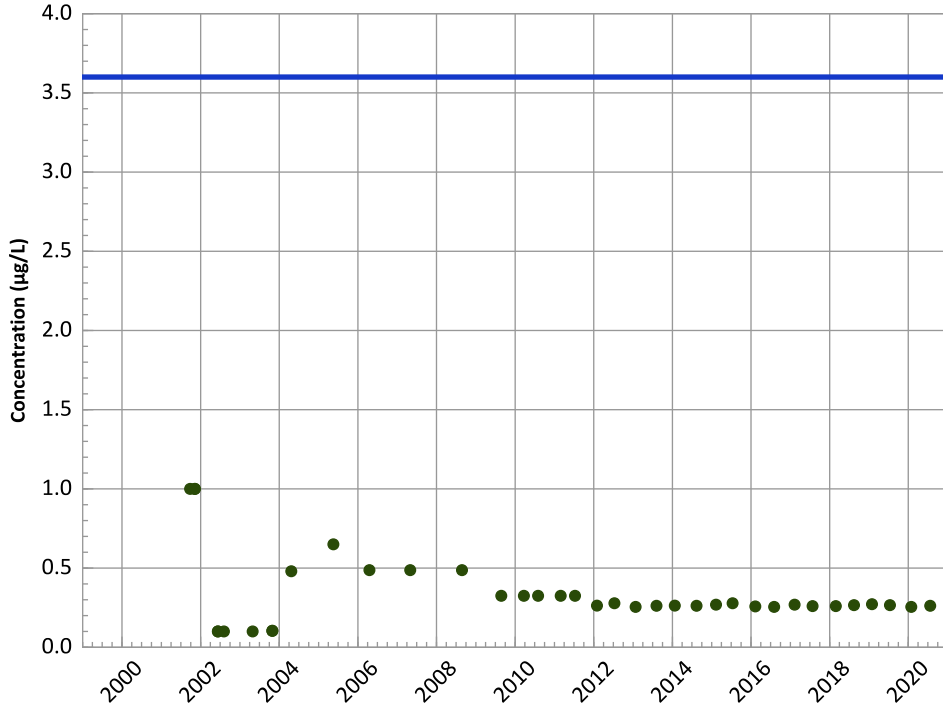
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

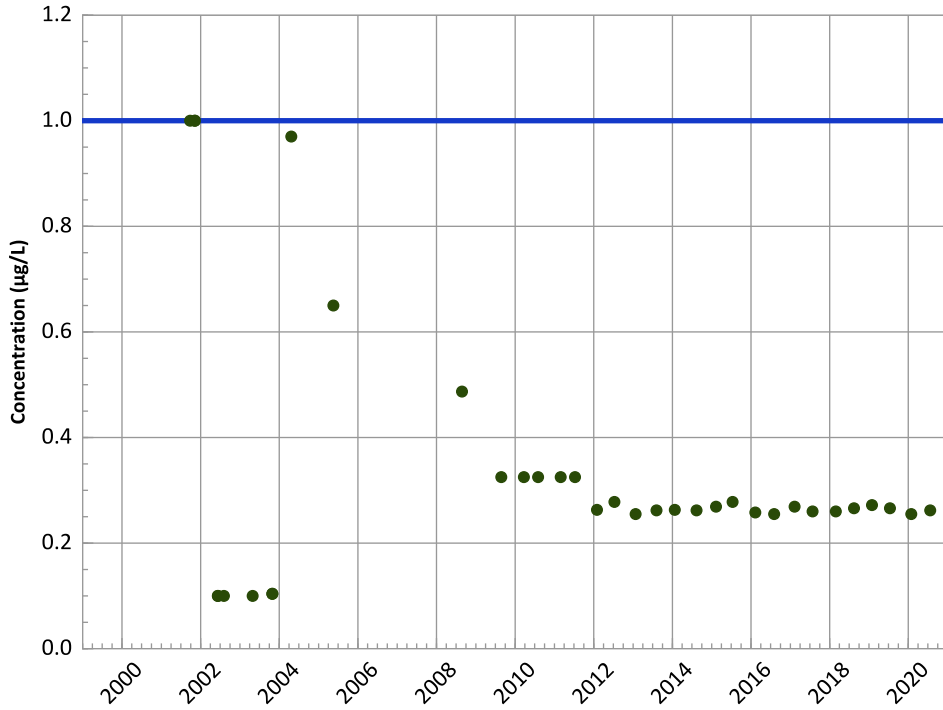
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

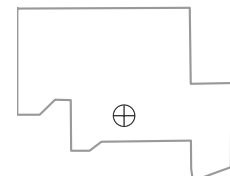
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

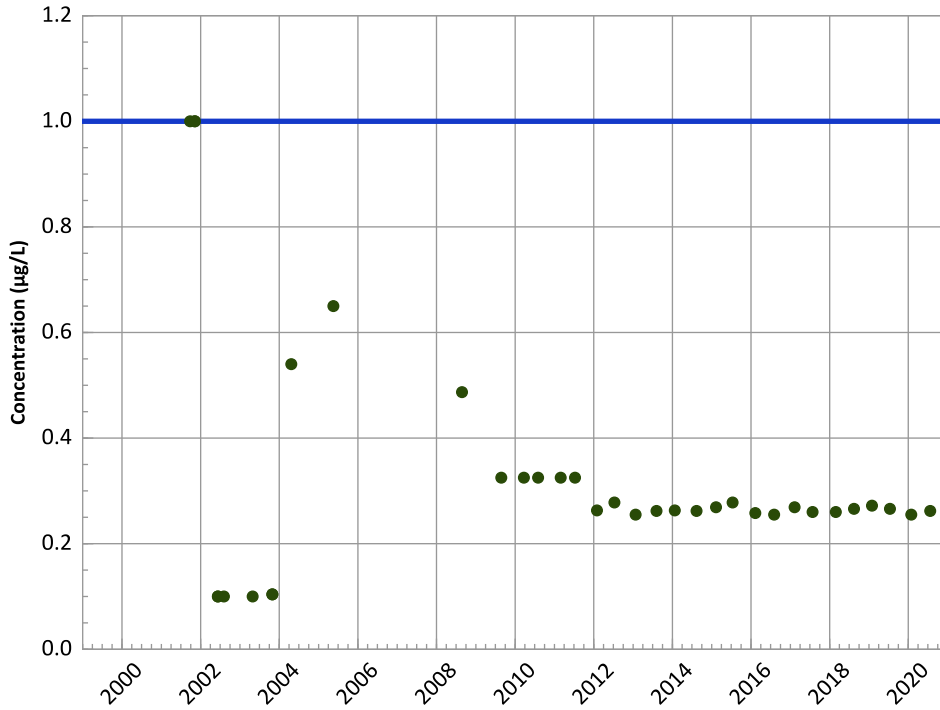
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

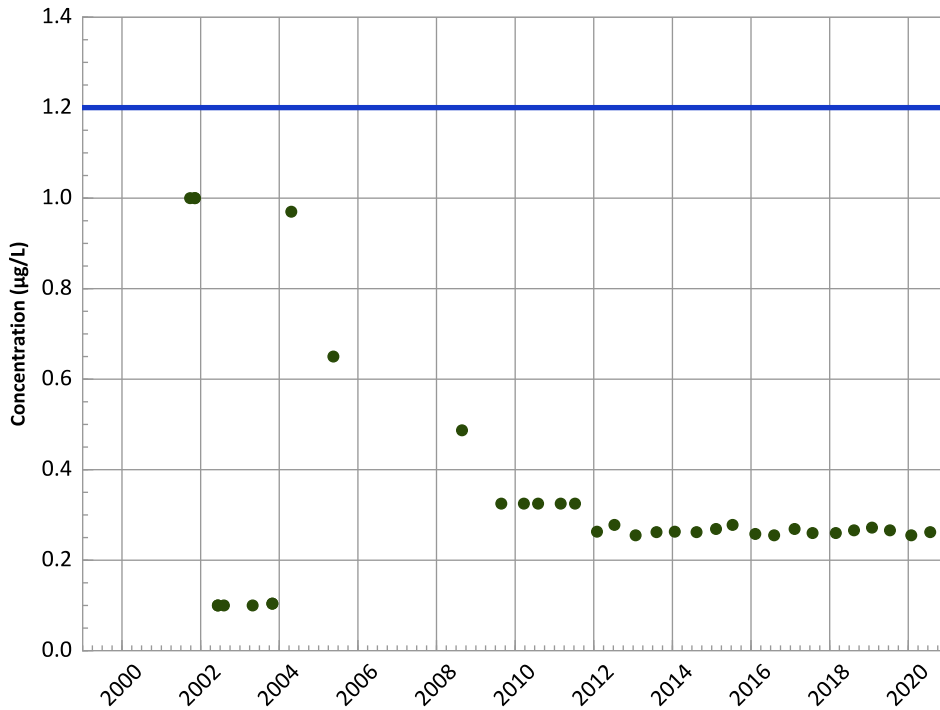
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

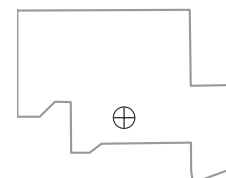
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

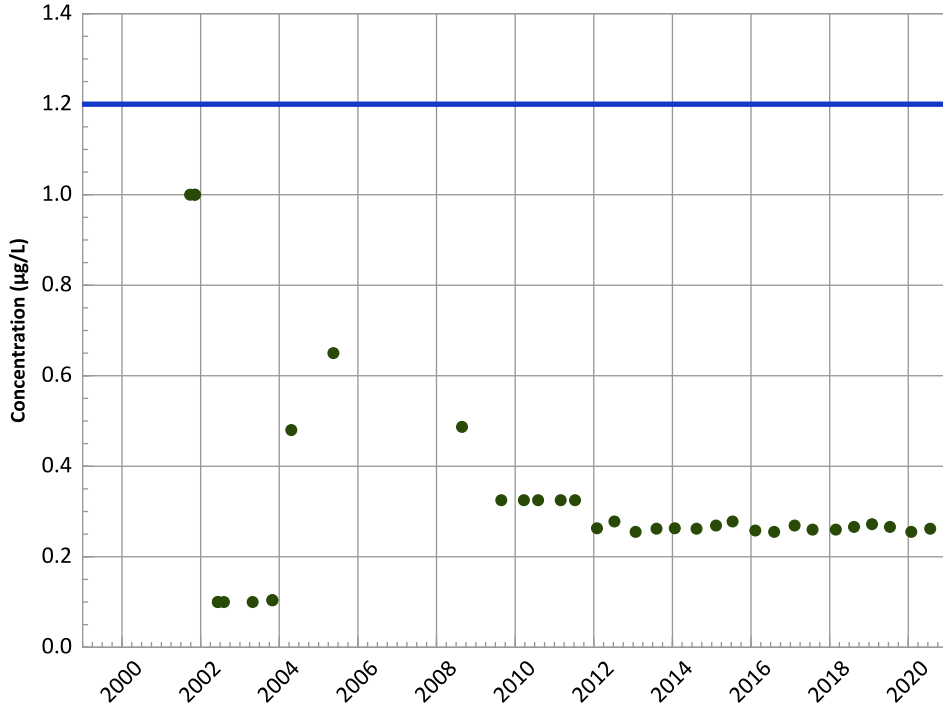
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

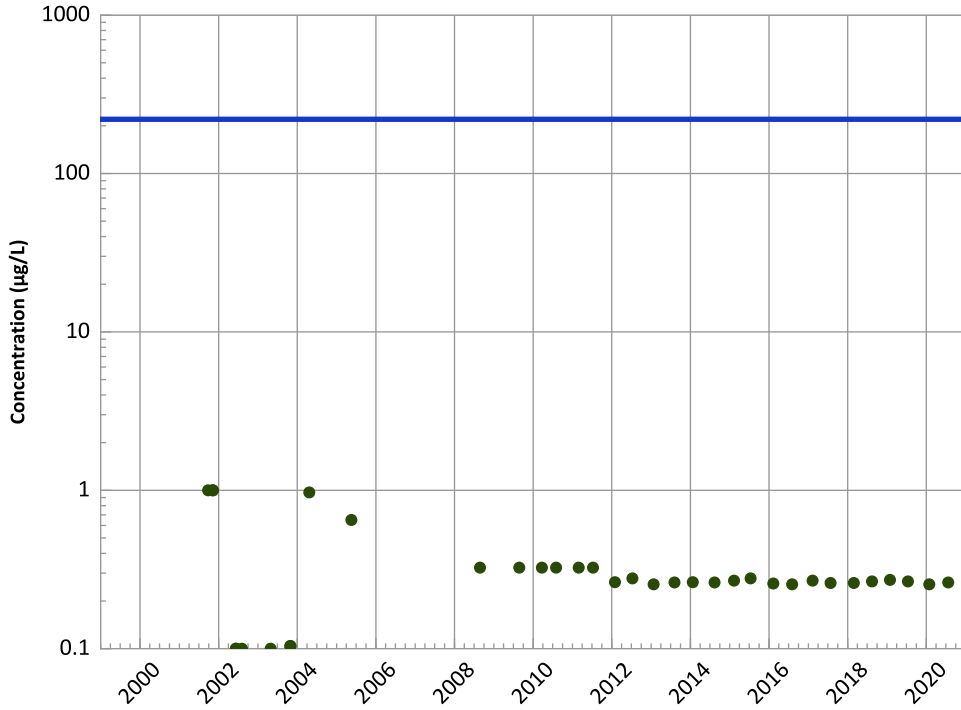
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

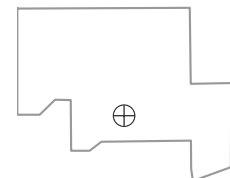
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

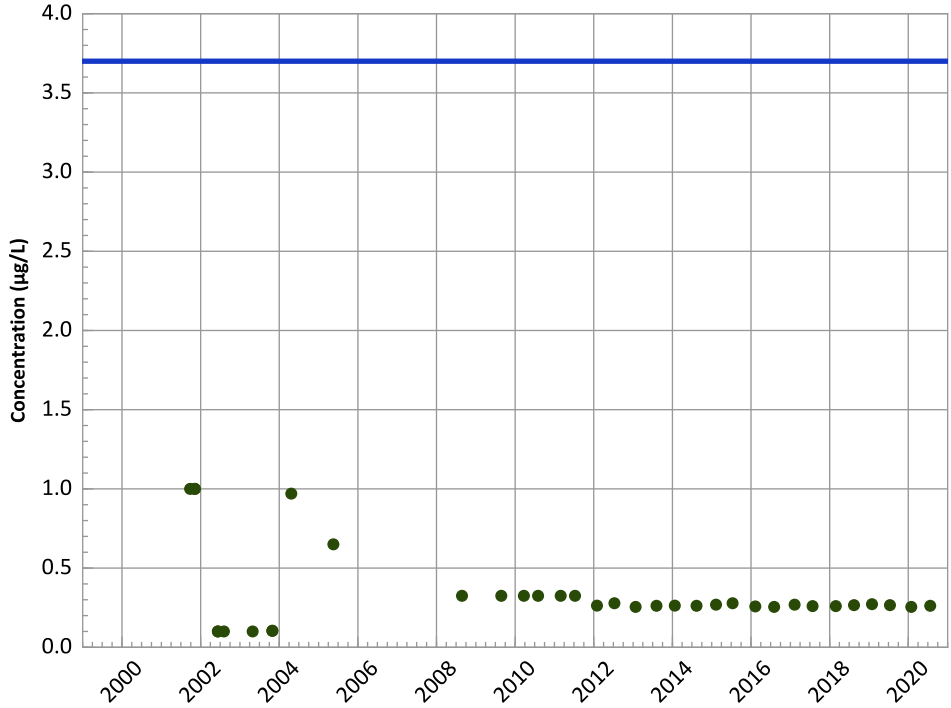
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

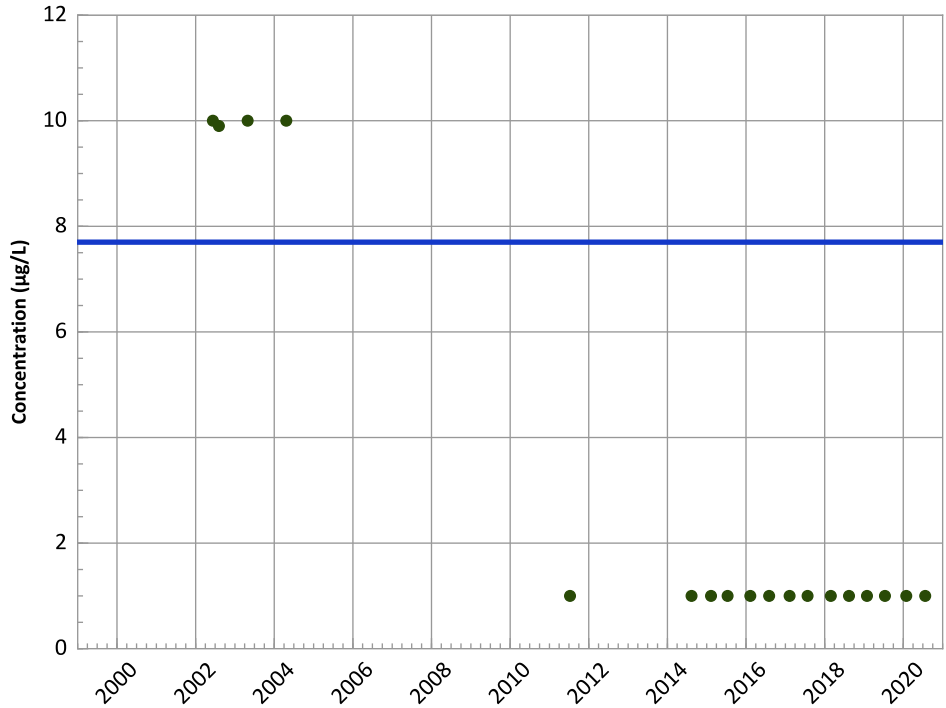
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

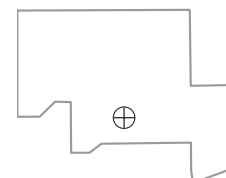
All Data:

All Non-Detect

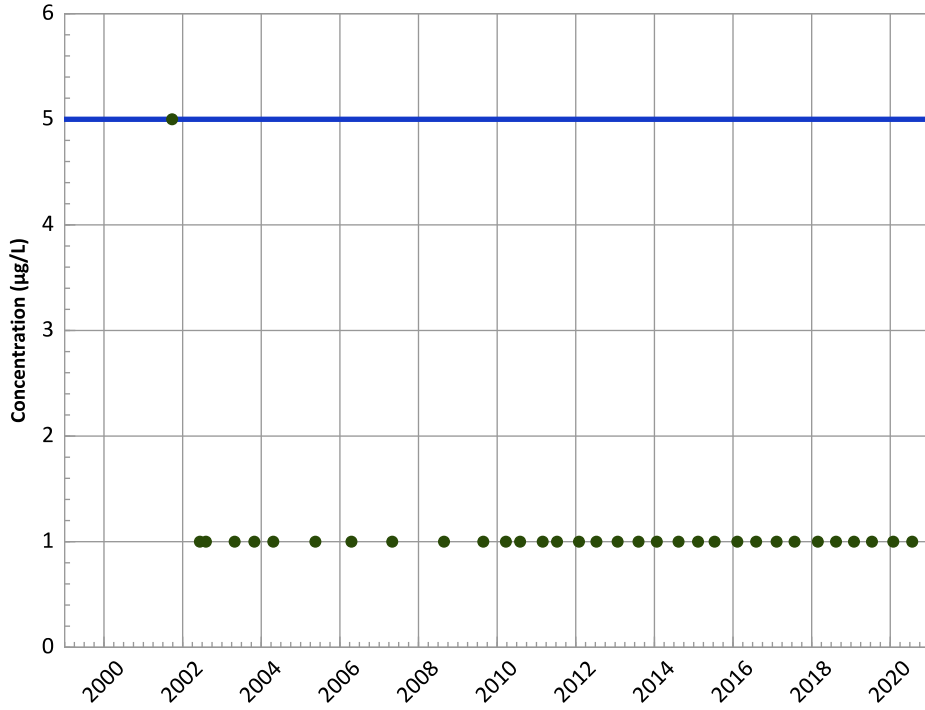
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

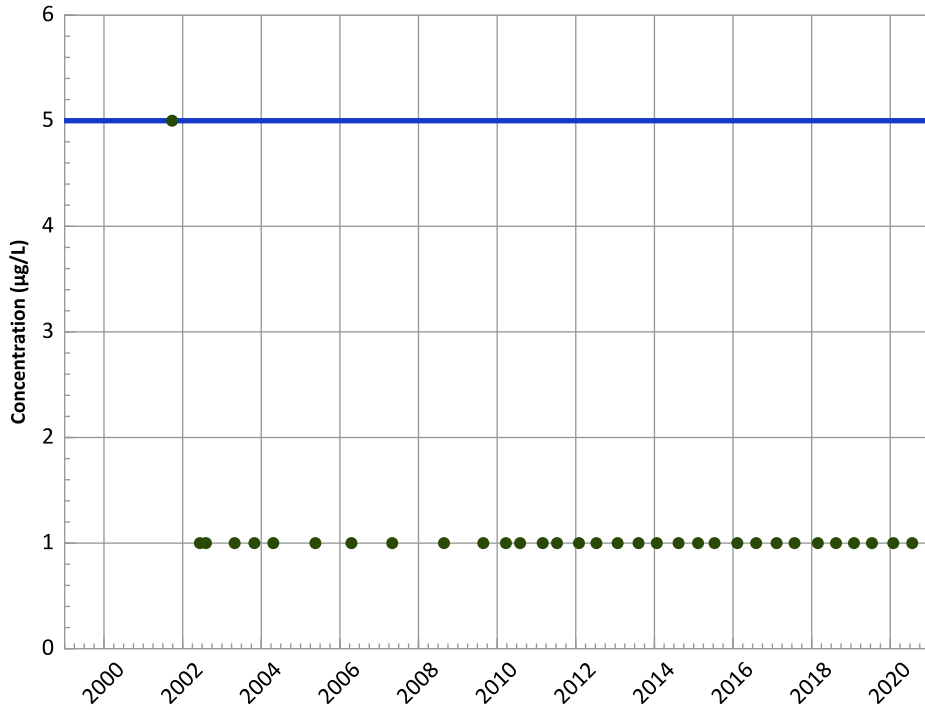
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

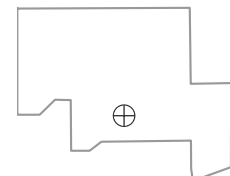
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

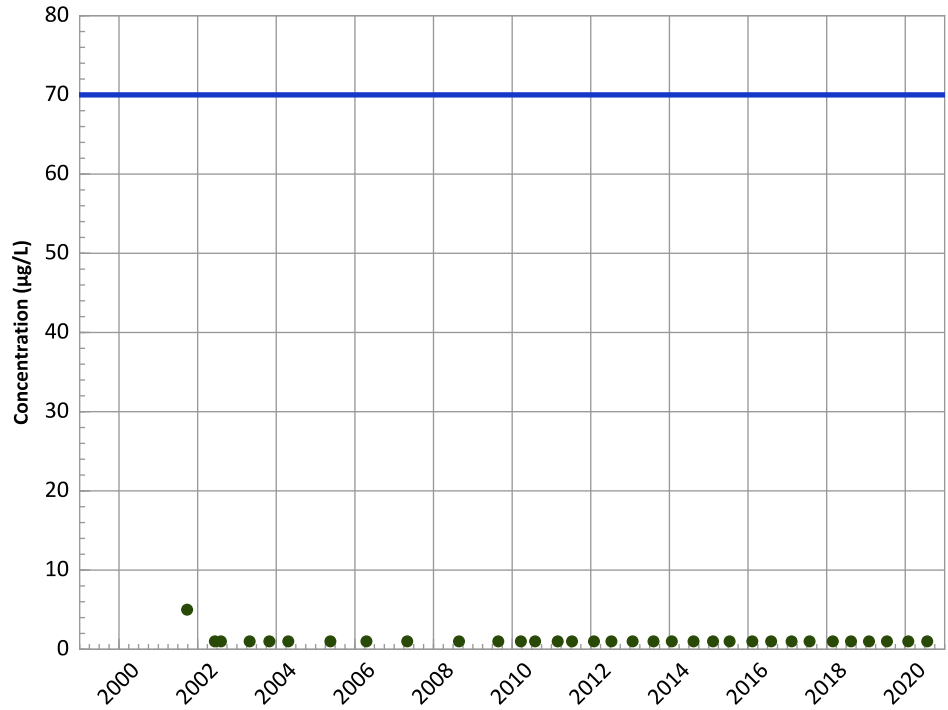
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
cis-1,2-Dichloroethene Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

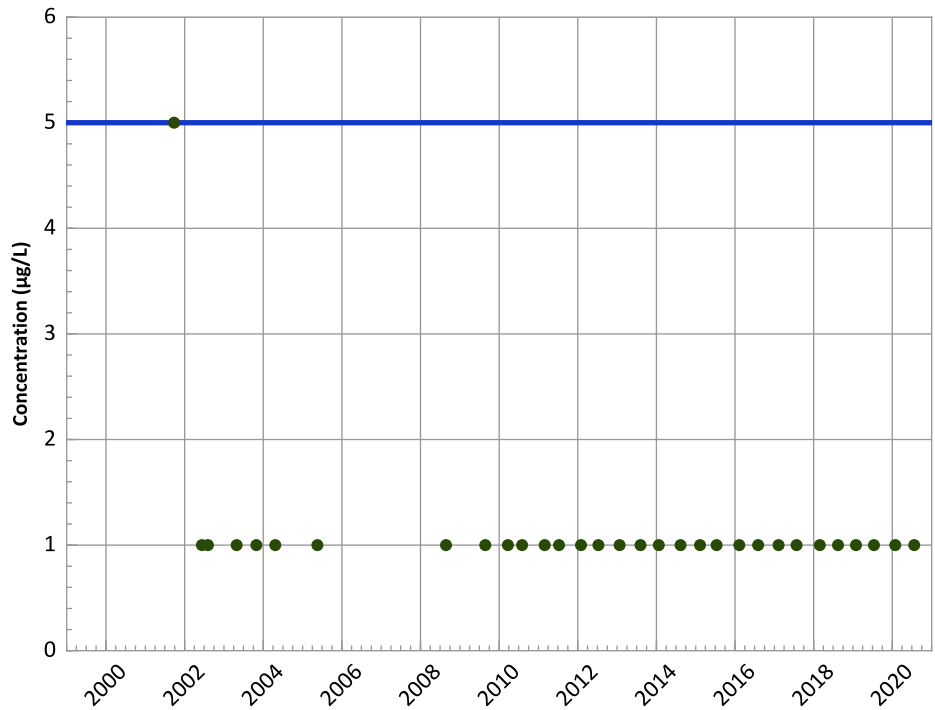
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

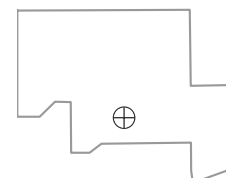
All Data:

All Non-Detect

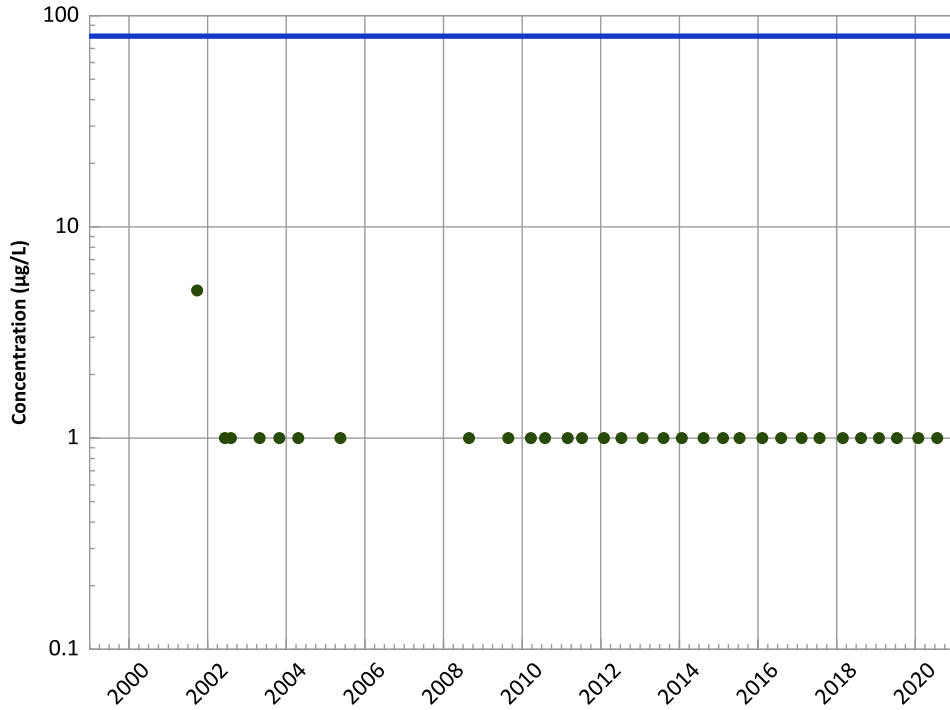
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend

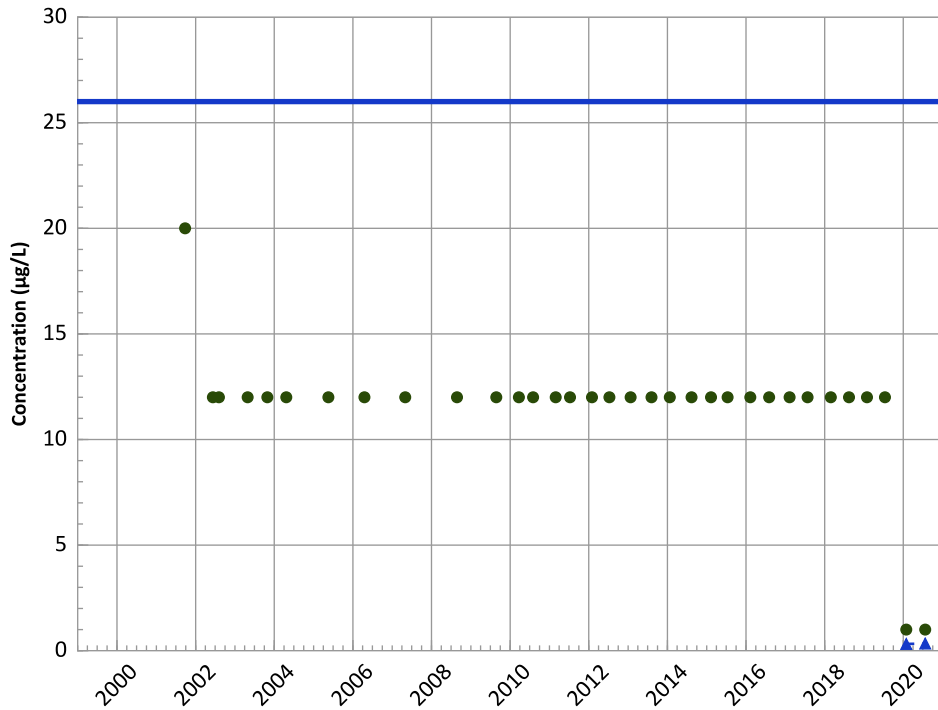


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

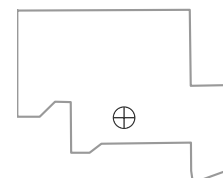


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

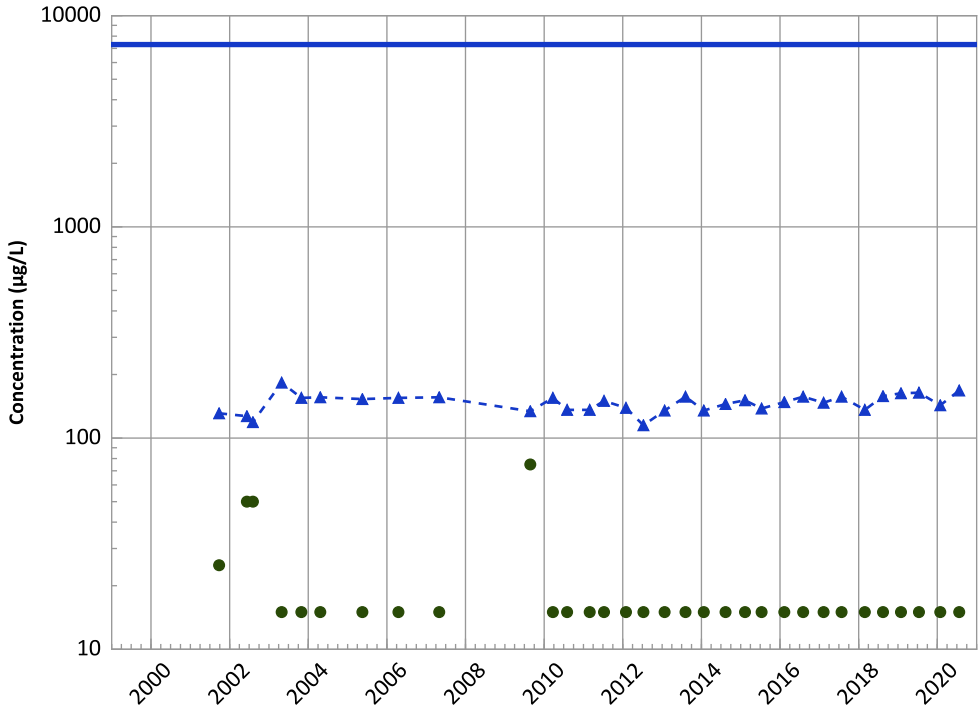
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

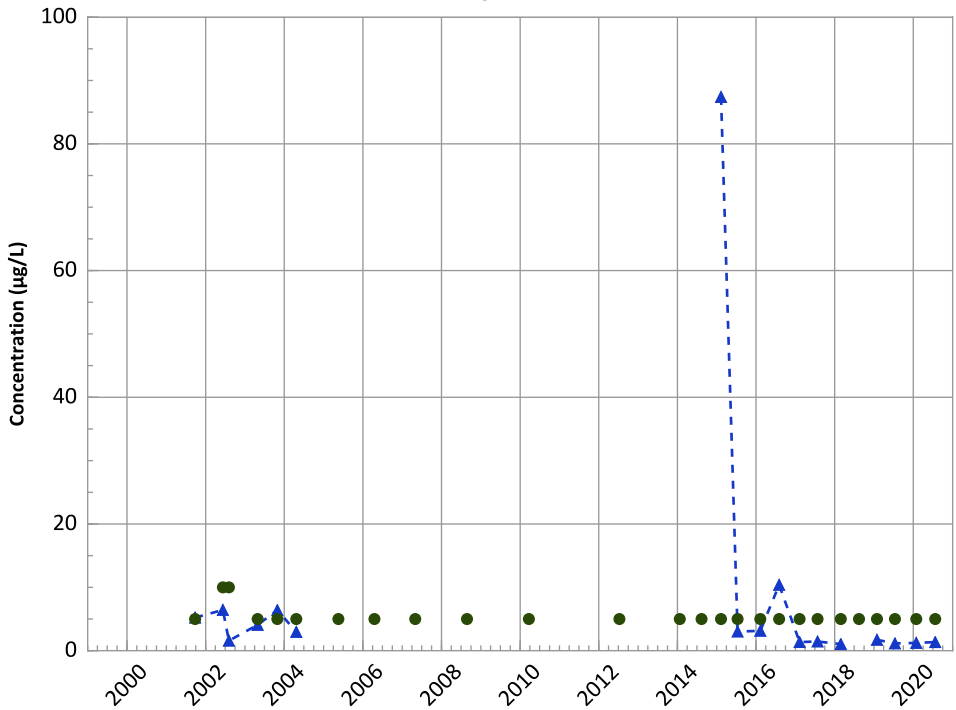


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data: No Trend
All Data: Increasing

MAROS Linear Regression Method
2018 - 2020 Data: No Trend
All Data: No Trend

Manganese Trend



Concentration Trend

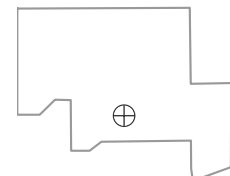
MAROS Mann-Kendall Method
2018 - 2020 Data: Stable
All Data: Decreasing

MAROS Linear Regression Method
2018 - 2020 Data: Stable
All Data: No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

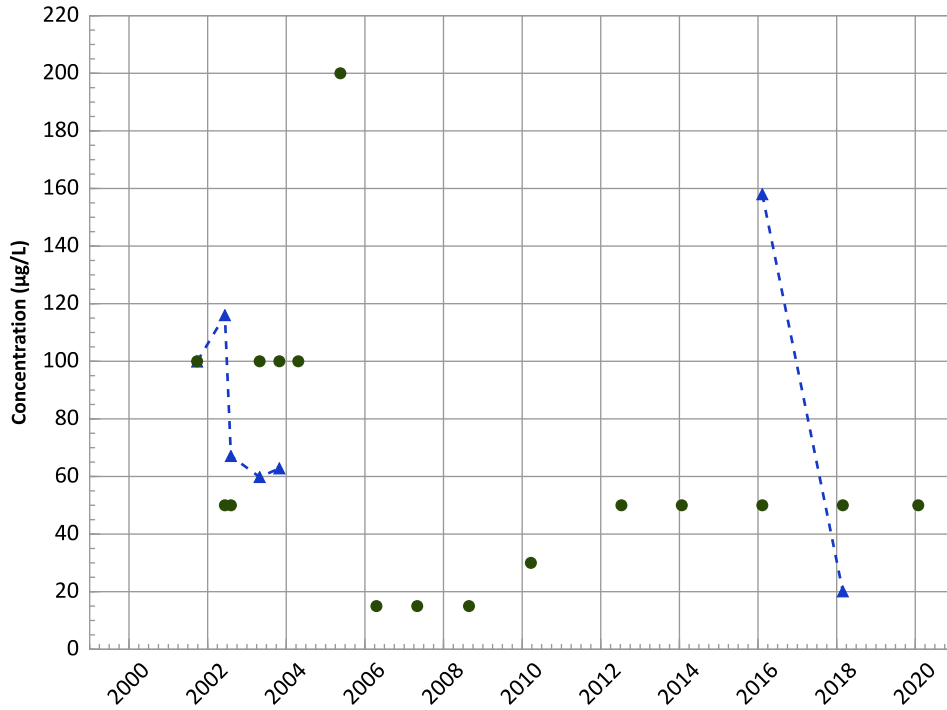
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

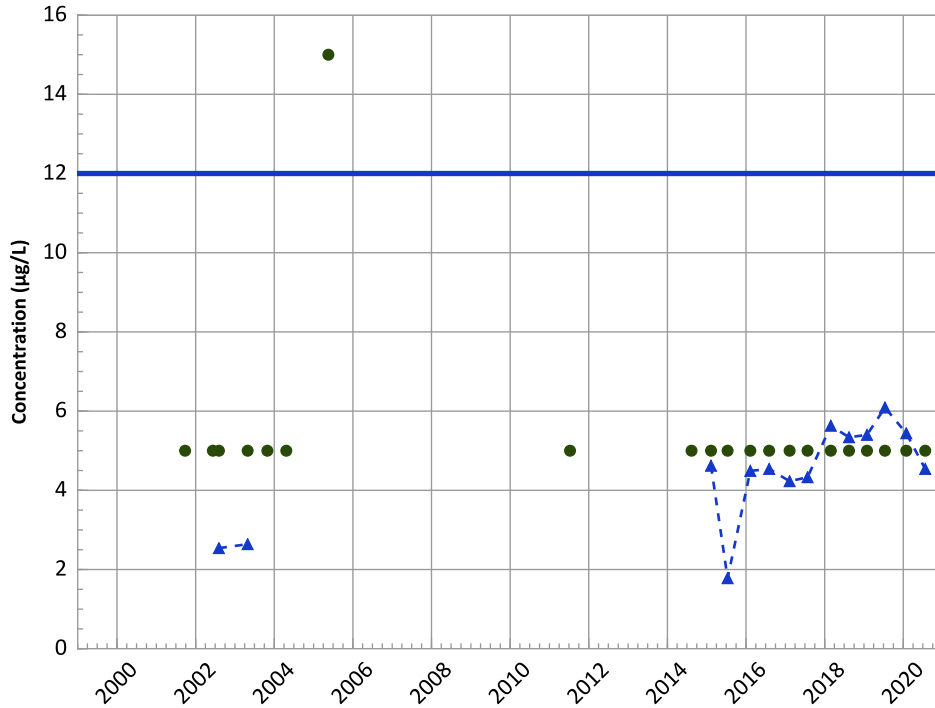


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Arsenic Trend

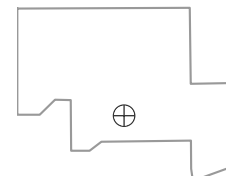


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Well Location

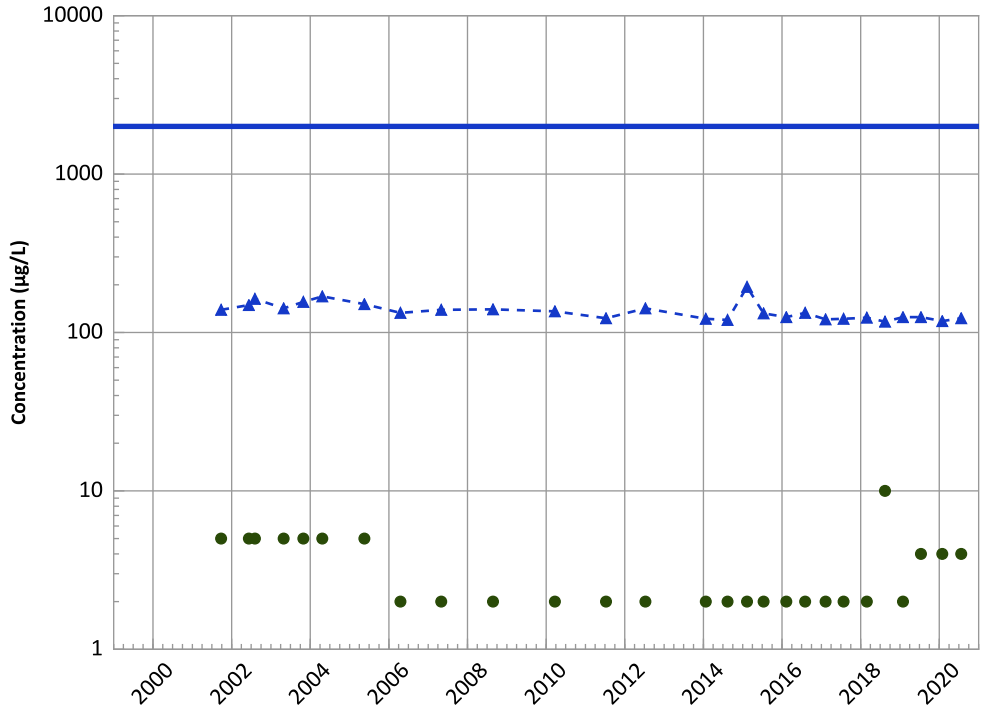


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

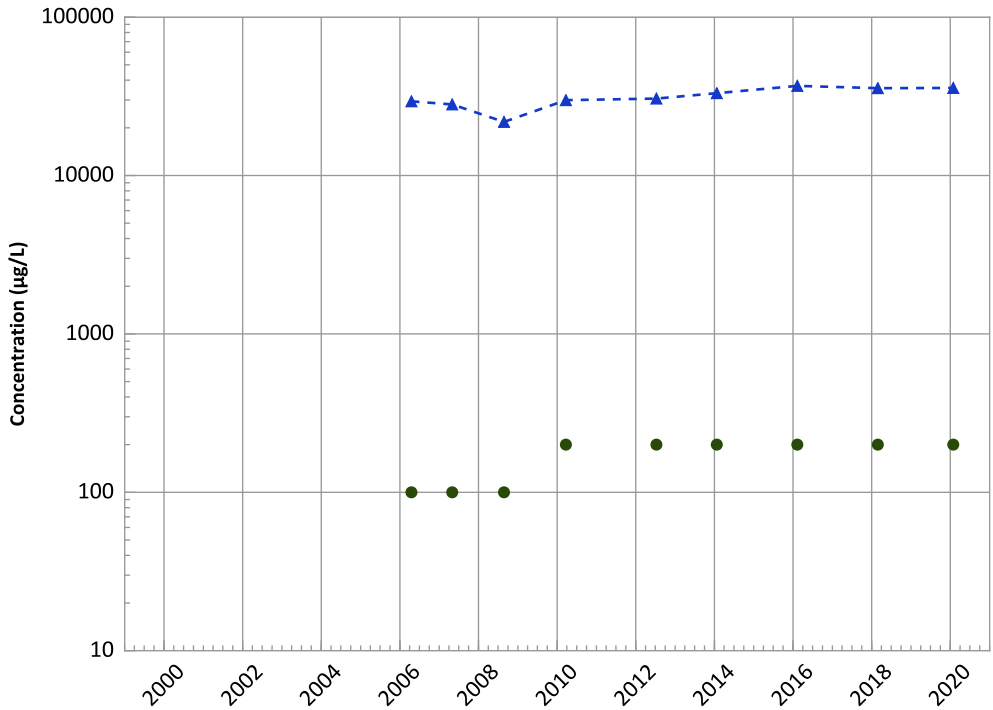
2018 - 2020 Data:

Stable

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

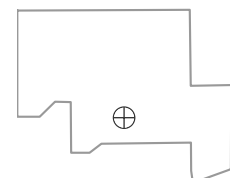
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

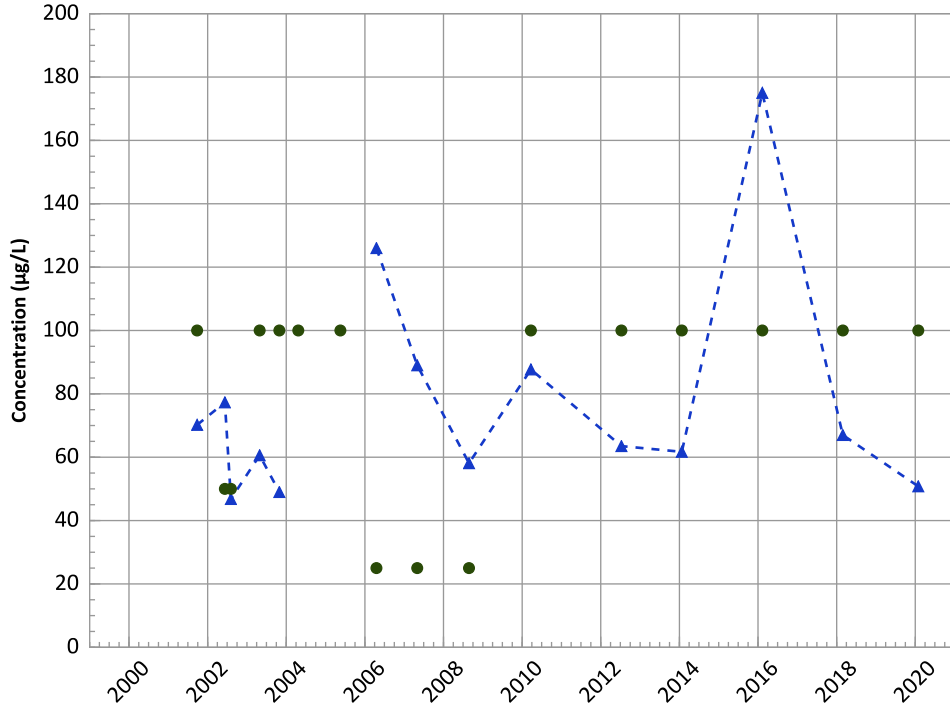


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

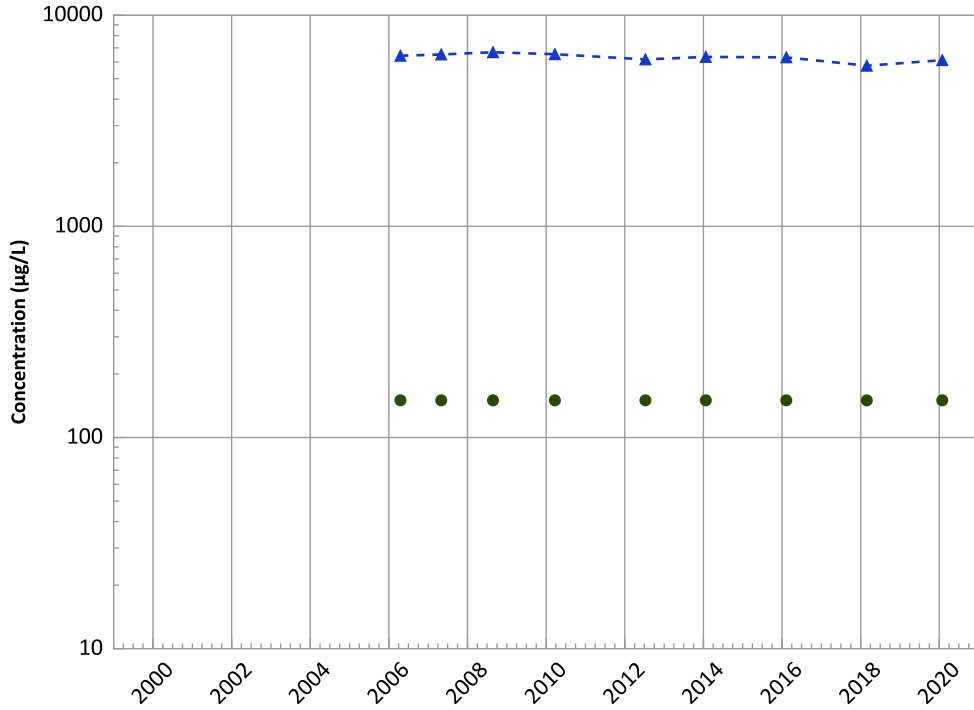
2018 - 2020 Data:

Stable

All Data:

No Trend

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

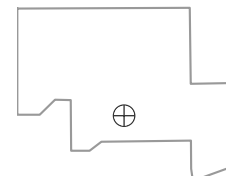
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

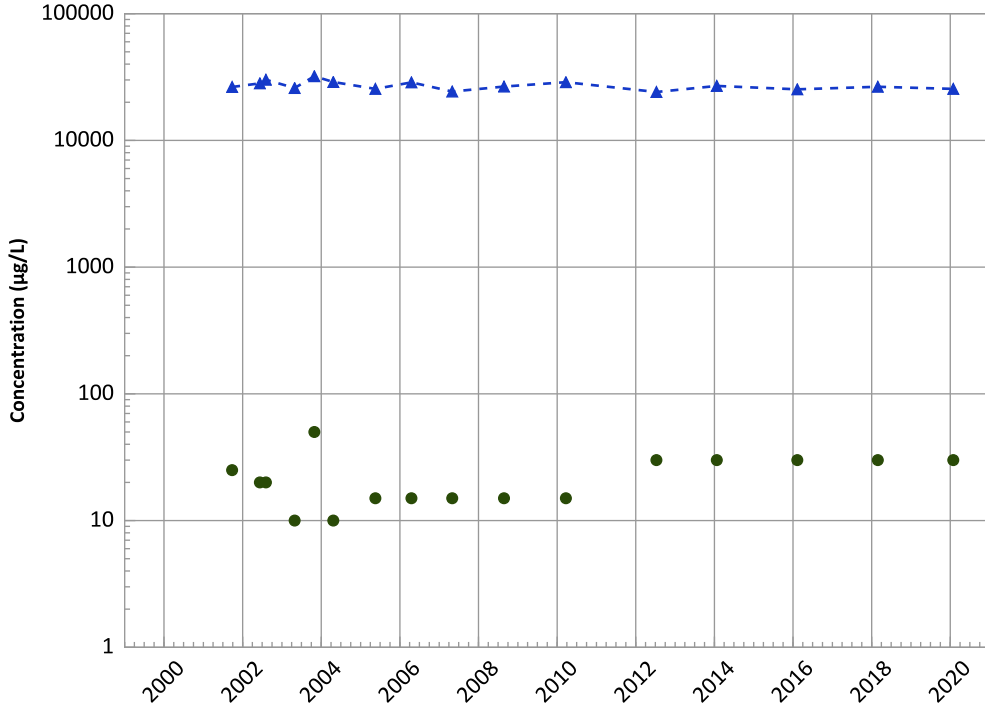


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

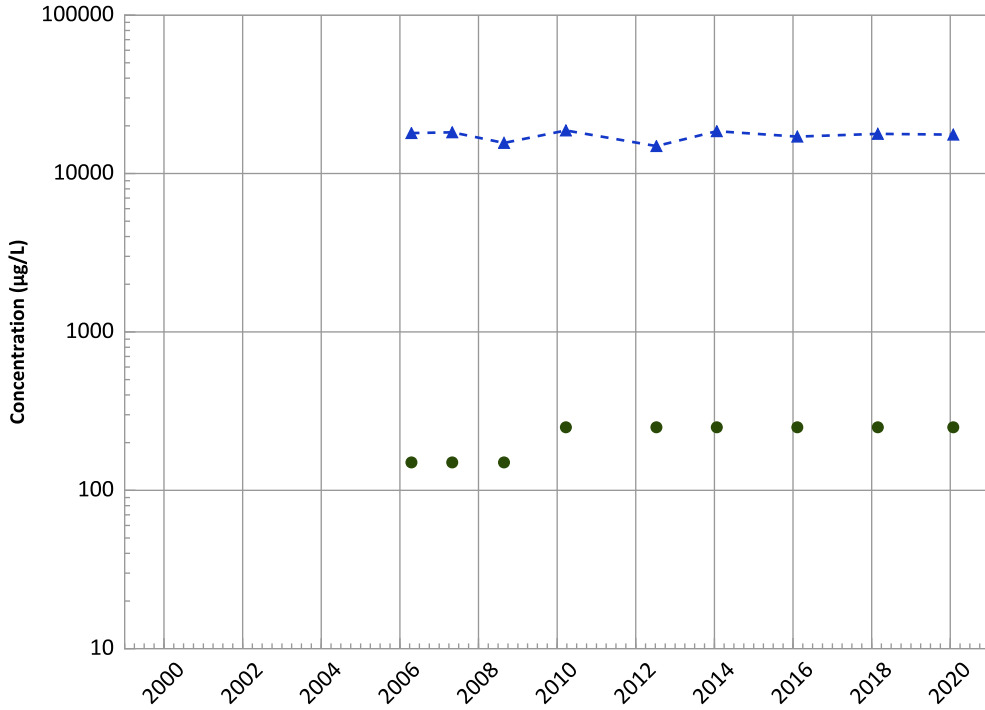
2018 - 2020 Data:

Stable

All Data:

Decreasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

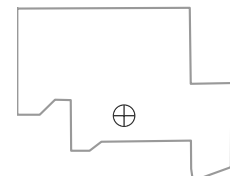
All Data:

Increasing

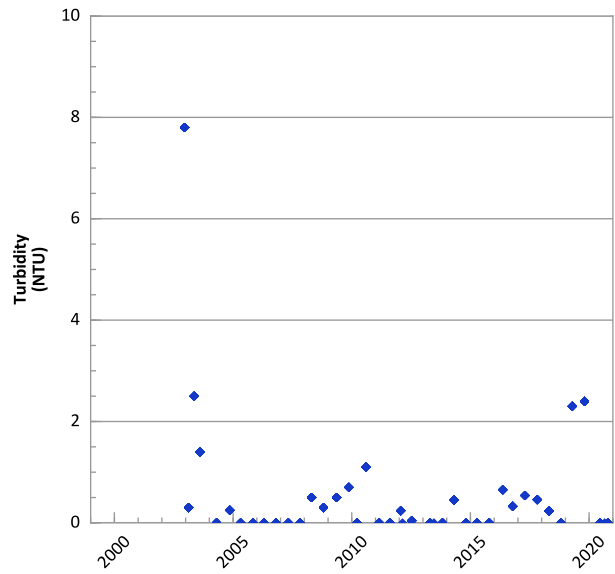
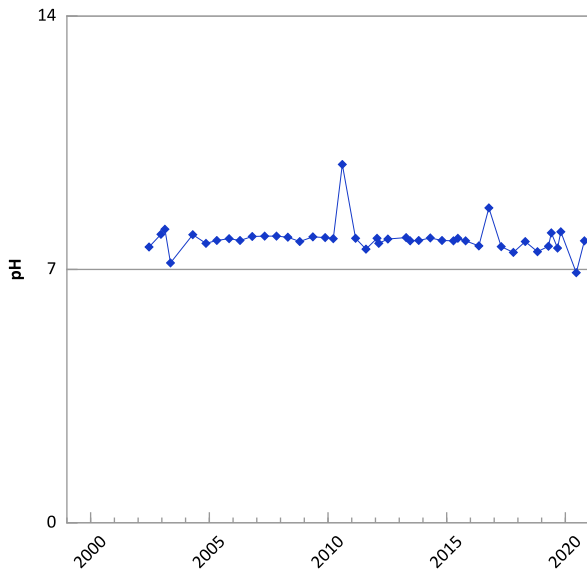
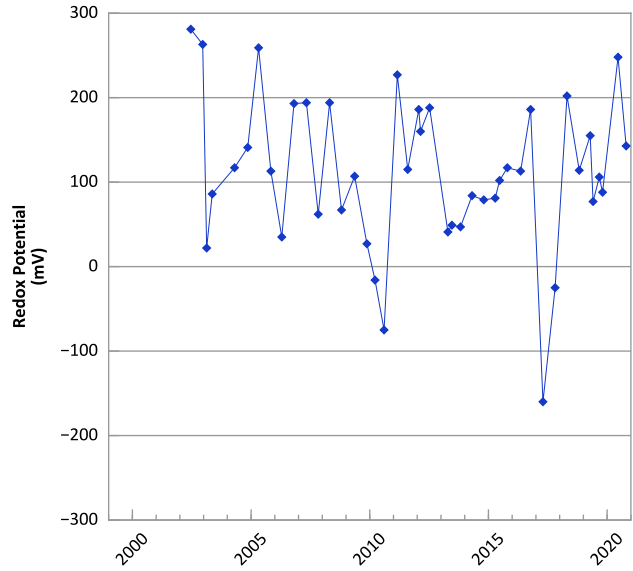
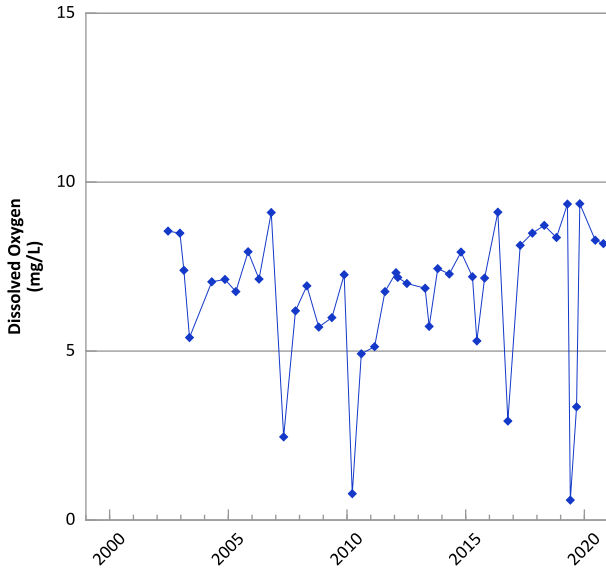
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/25/2001 to 07/23/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

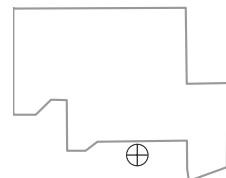


**PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



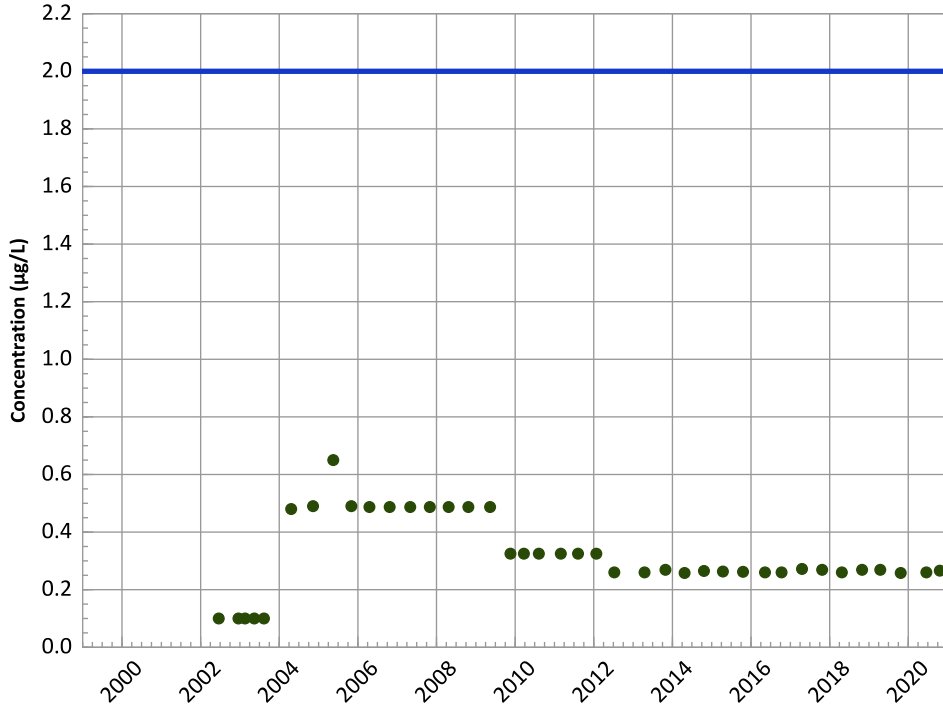
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/18/2002 to 10/20/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

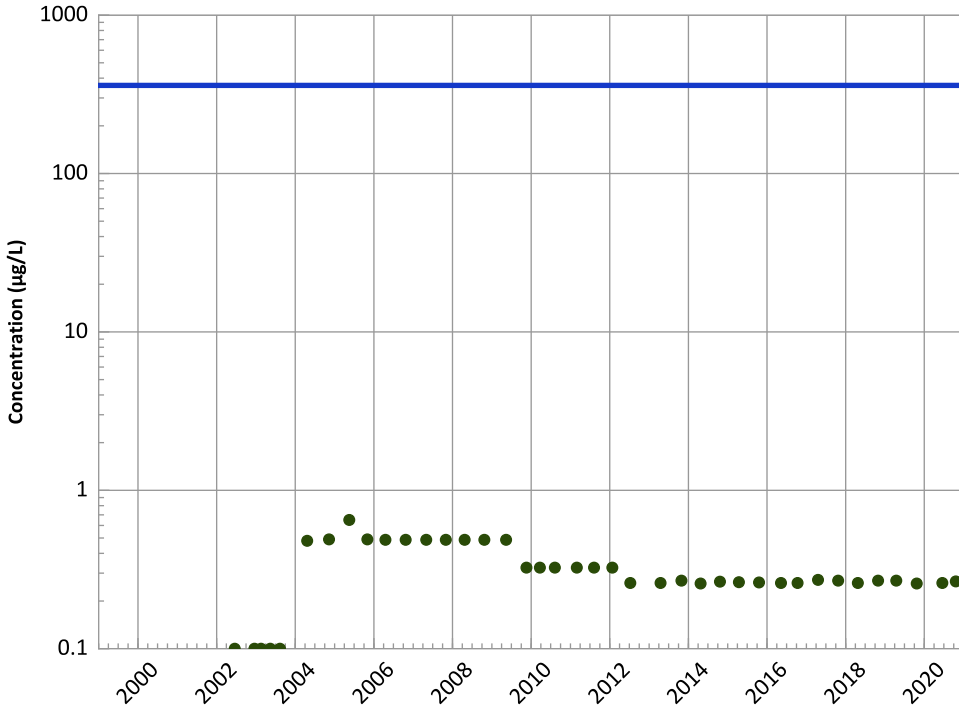
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

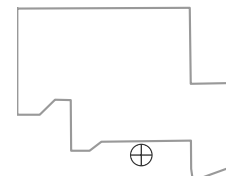
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

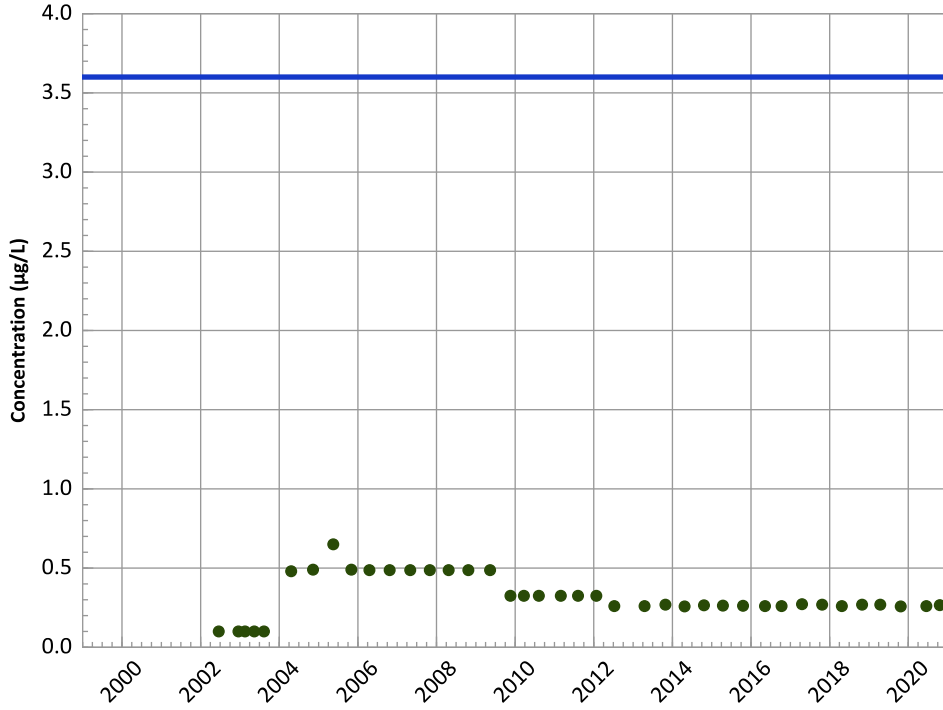
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

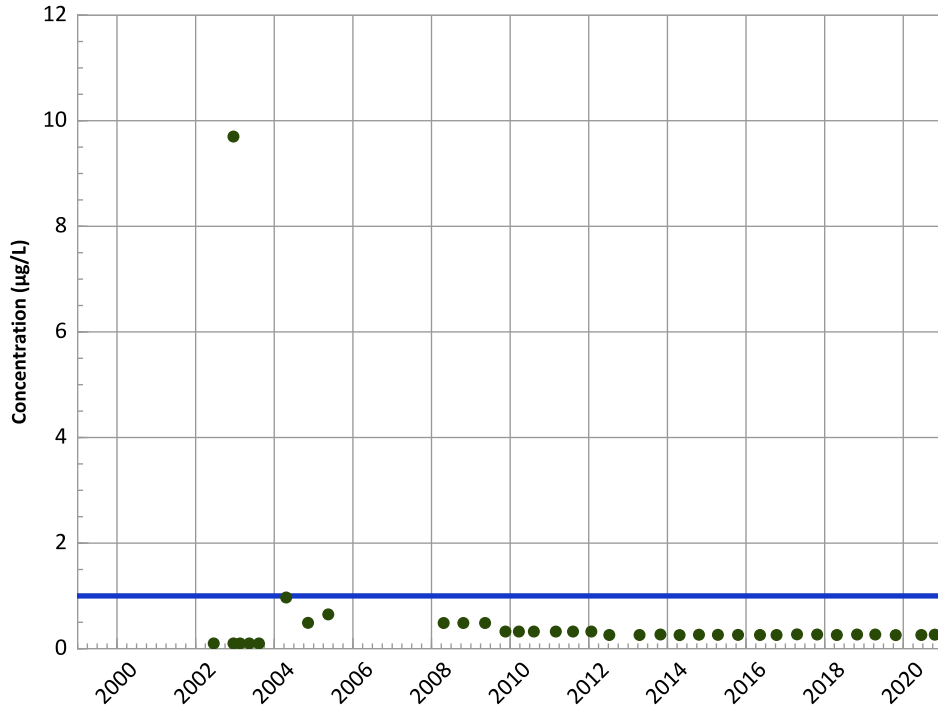
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

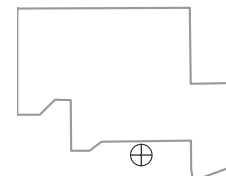
All Data:

All Non-Detect

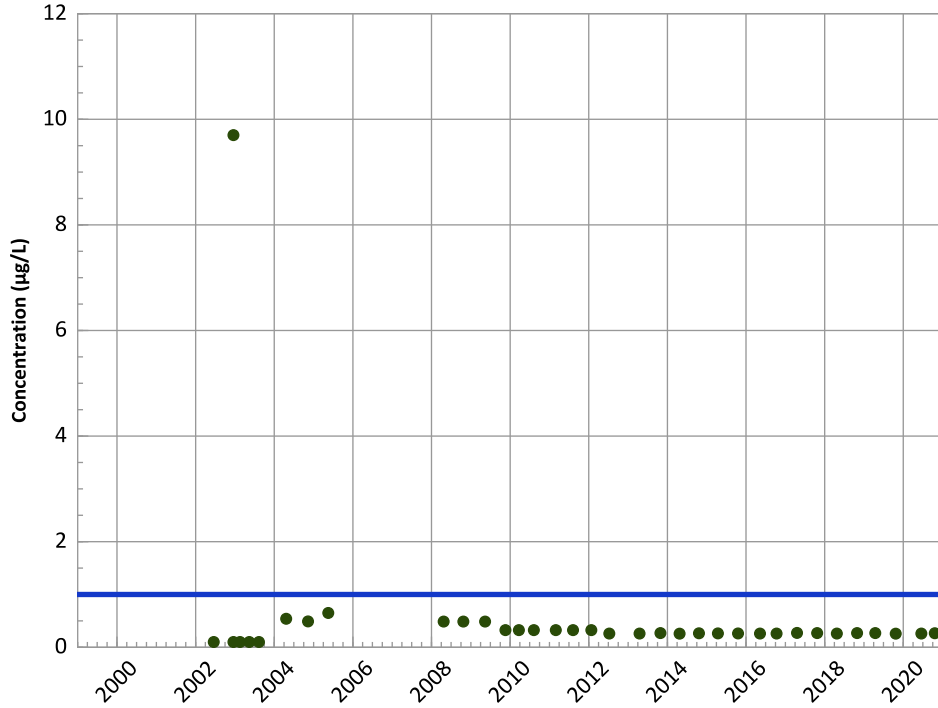
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ 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**

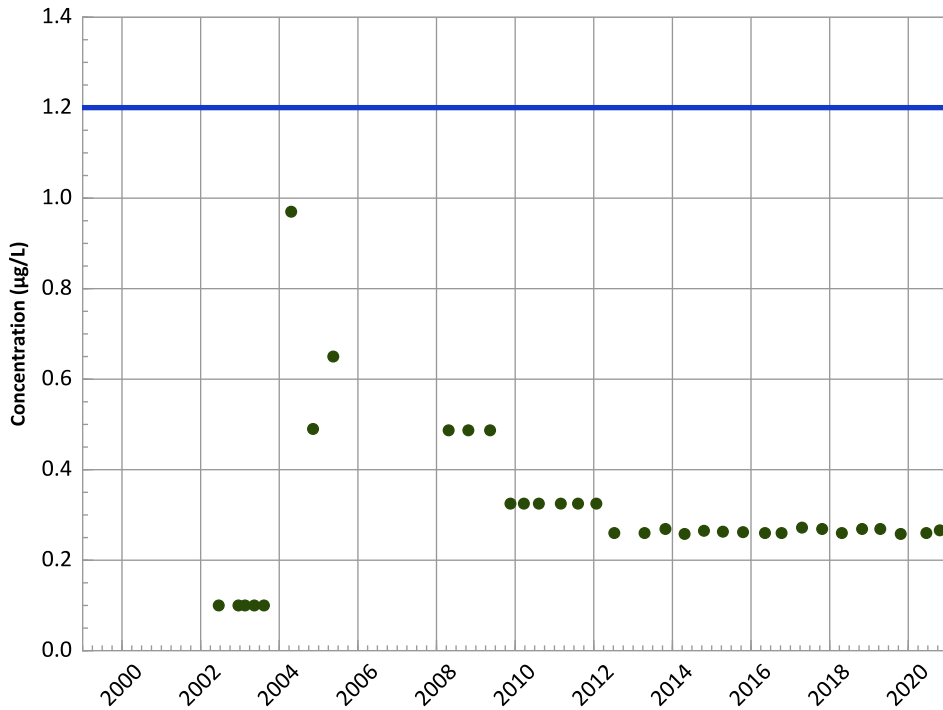


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

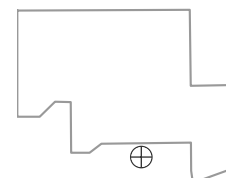
MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

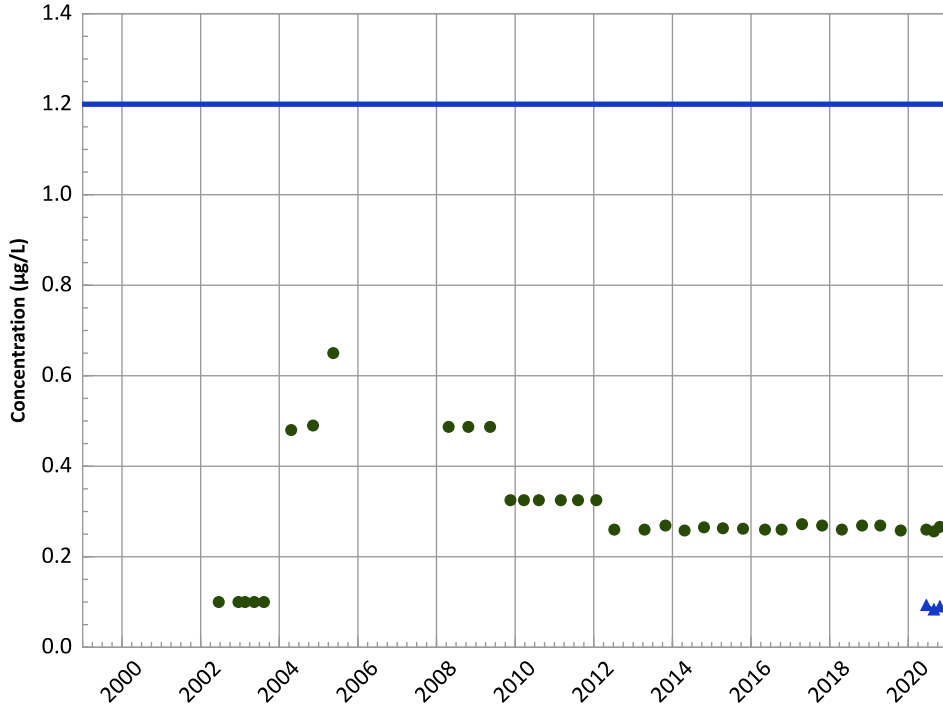
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

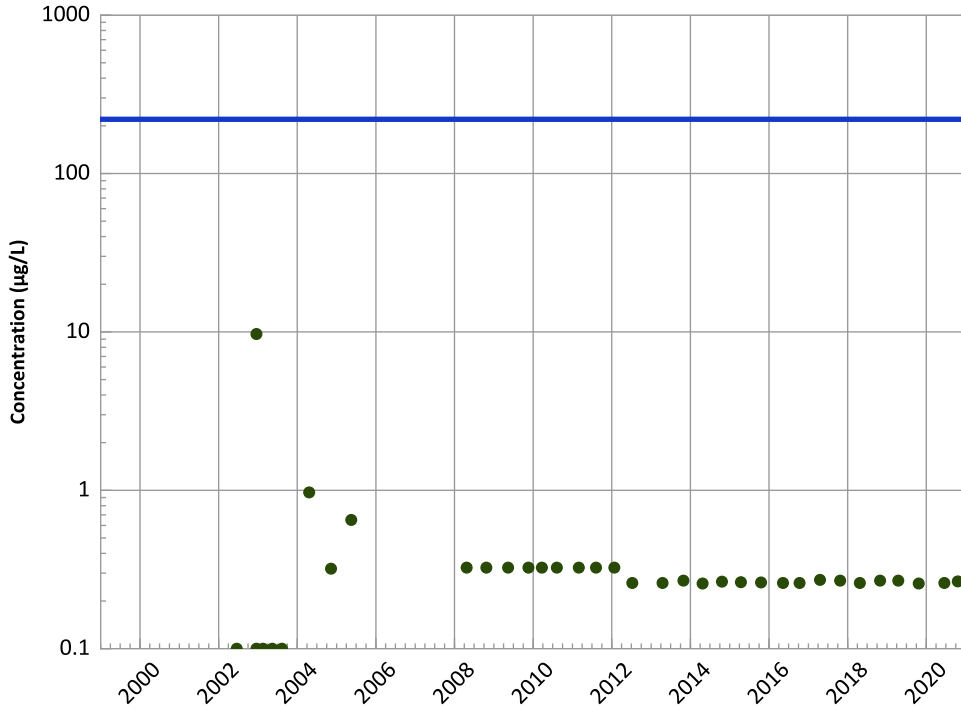
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

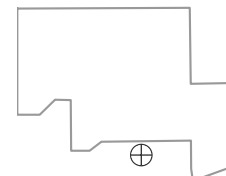
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

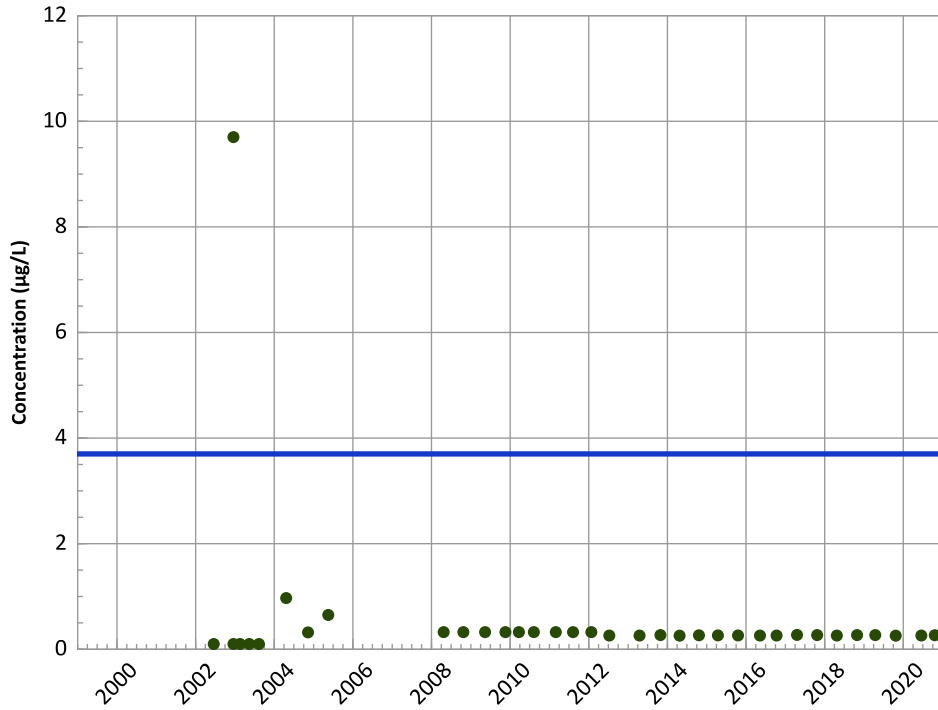
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

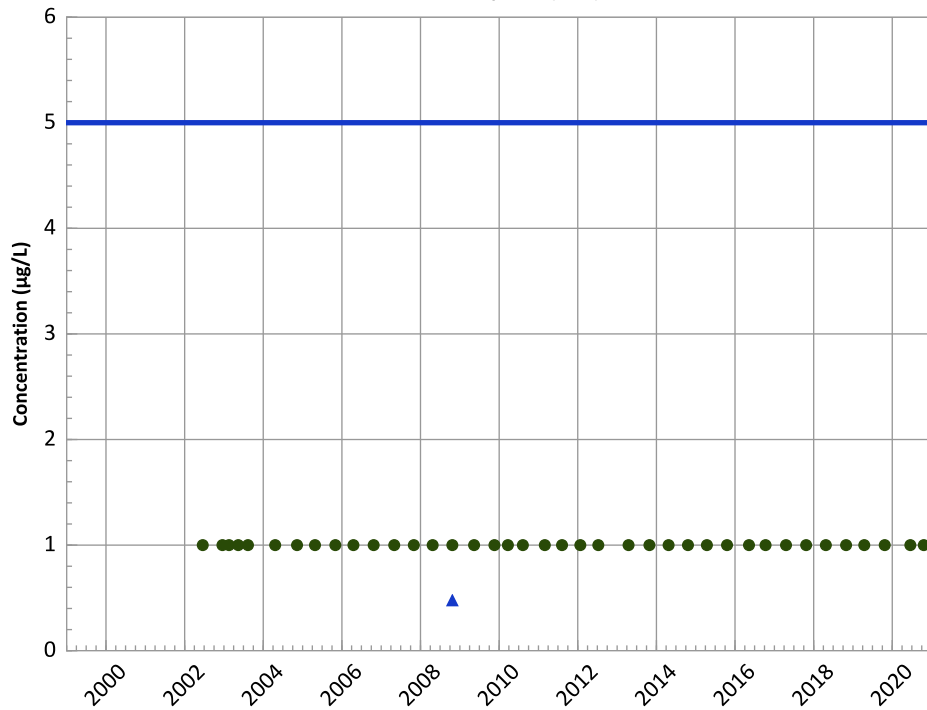
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

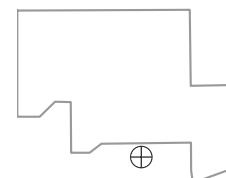
All Data:

N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

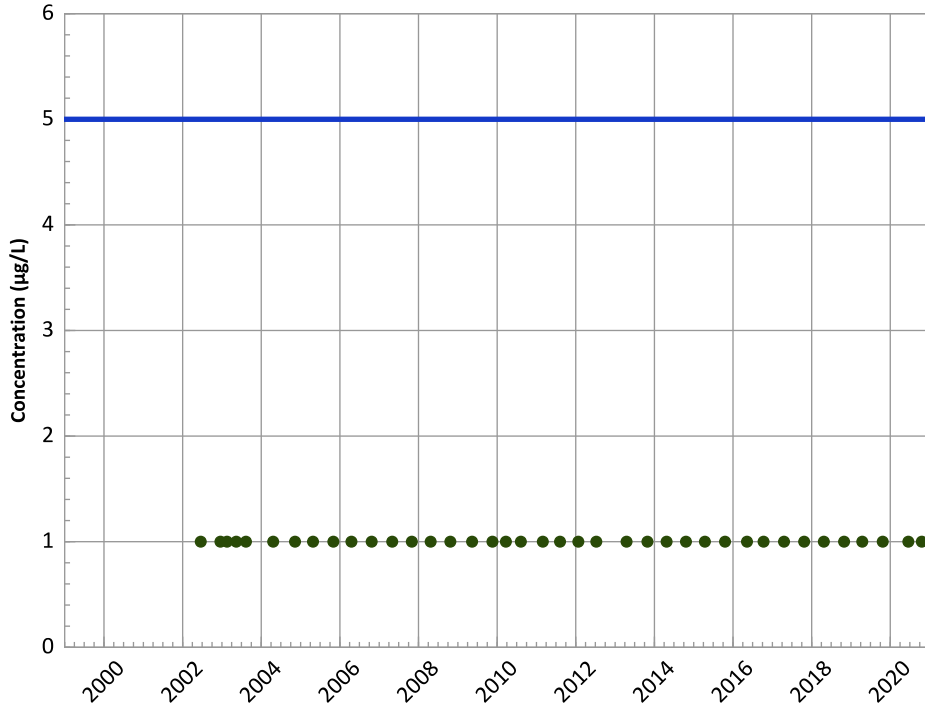
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

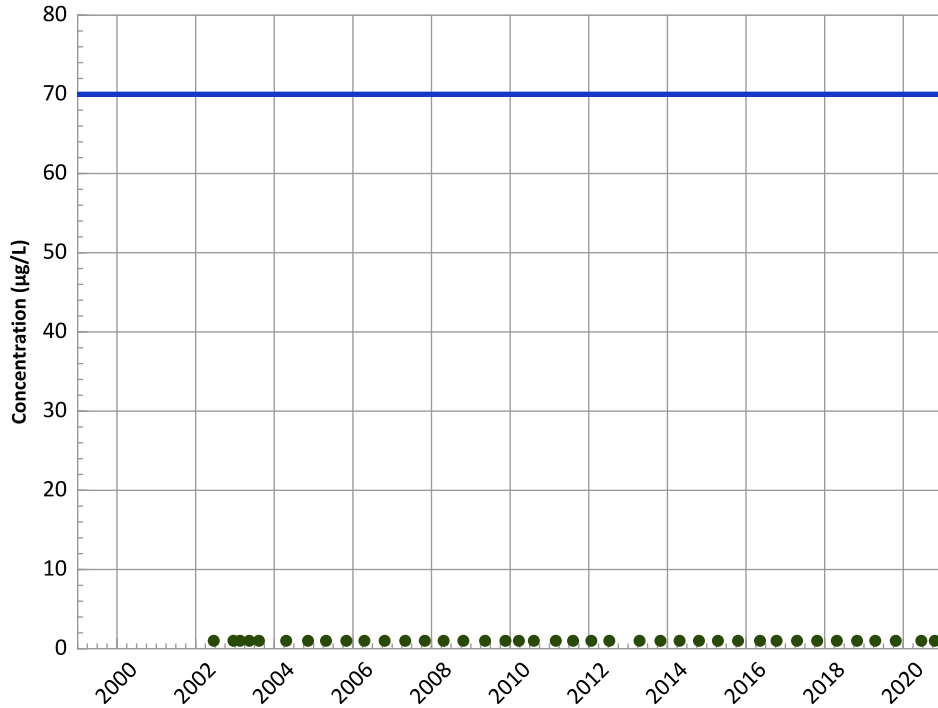
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

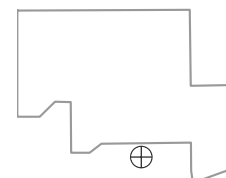
All Data:

All Non-Detect

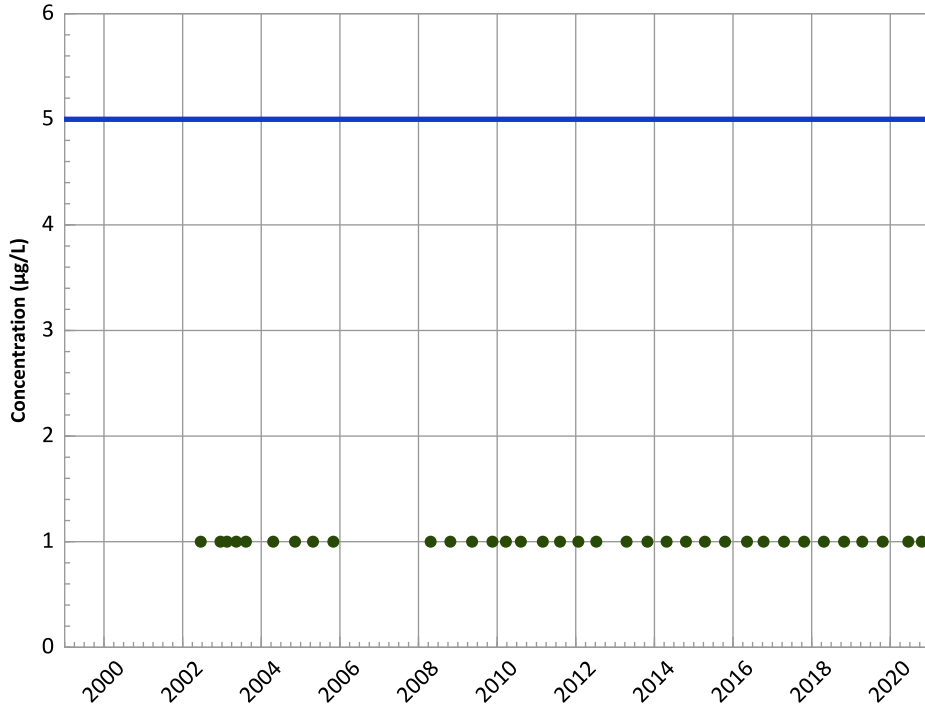
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

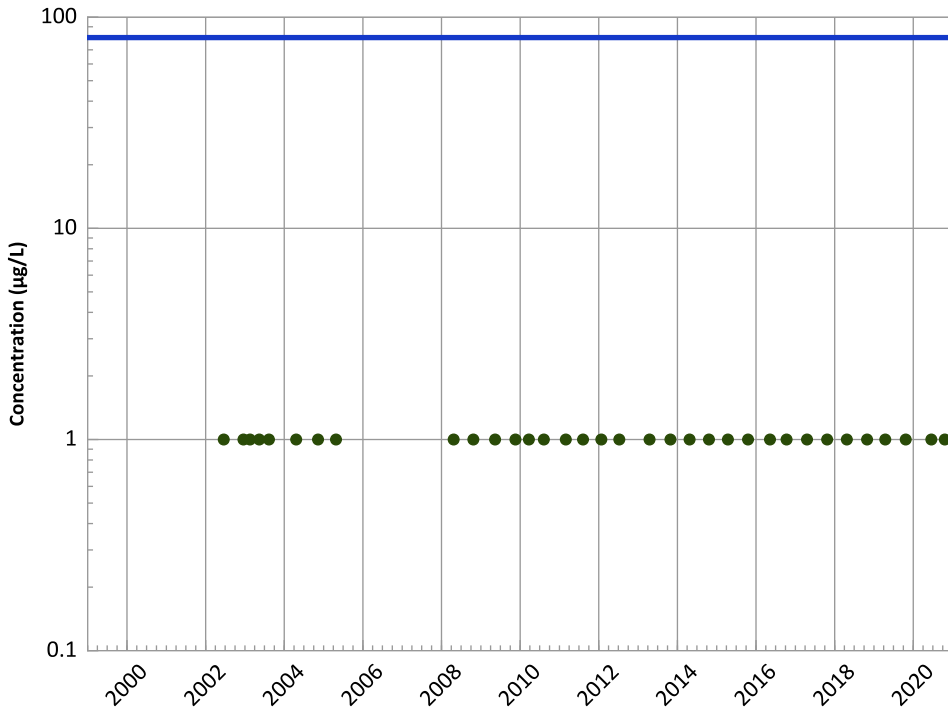
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

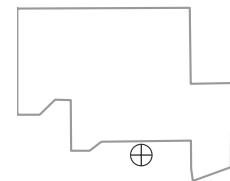
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

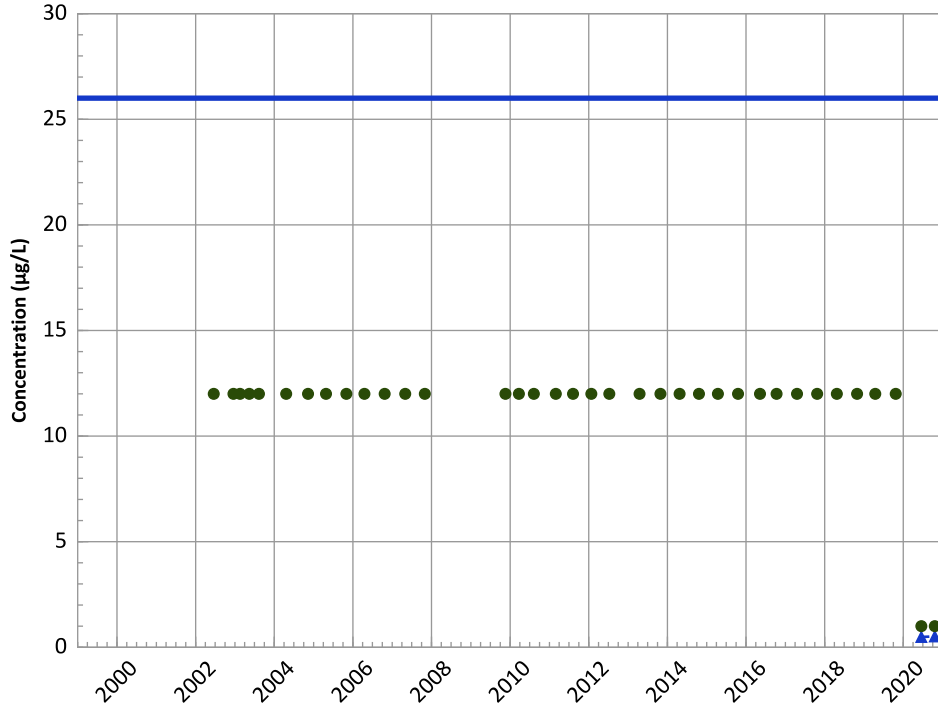
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Perchlorate Trend**

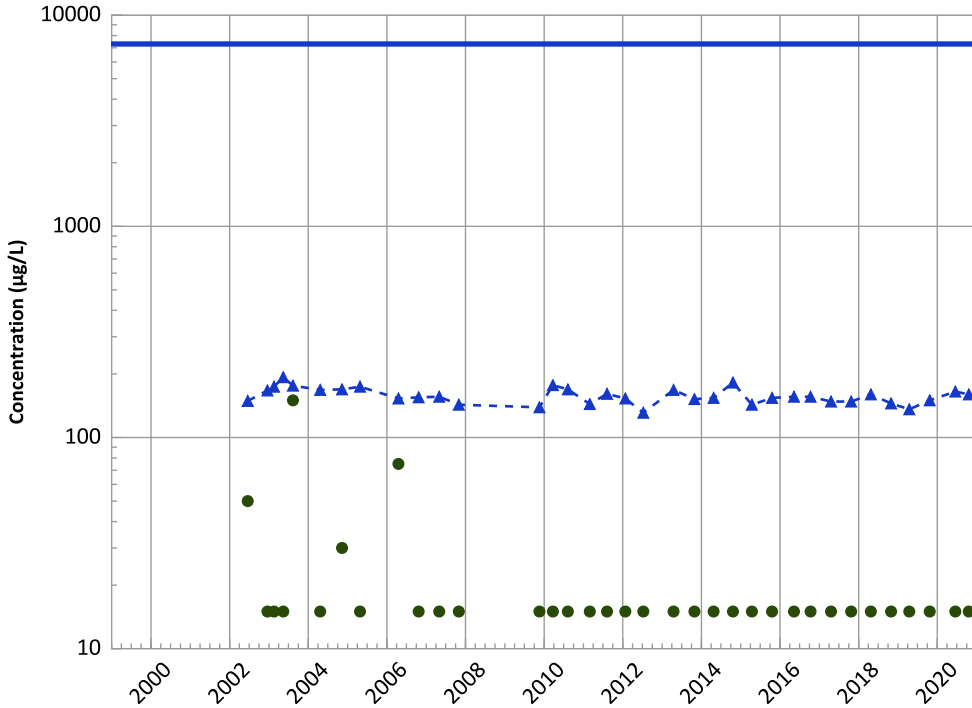


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Boron Trend

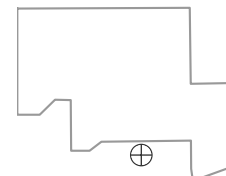


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

Well Location

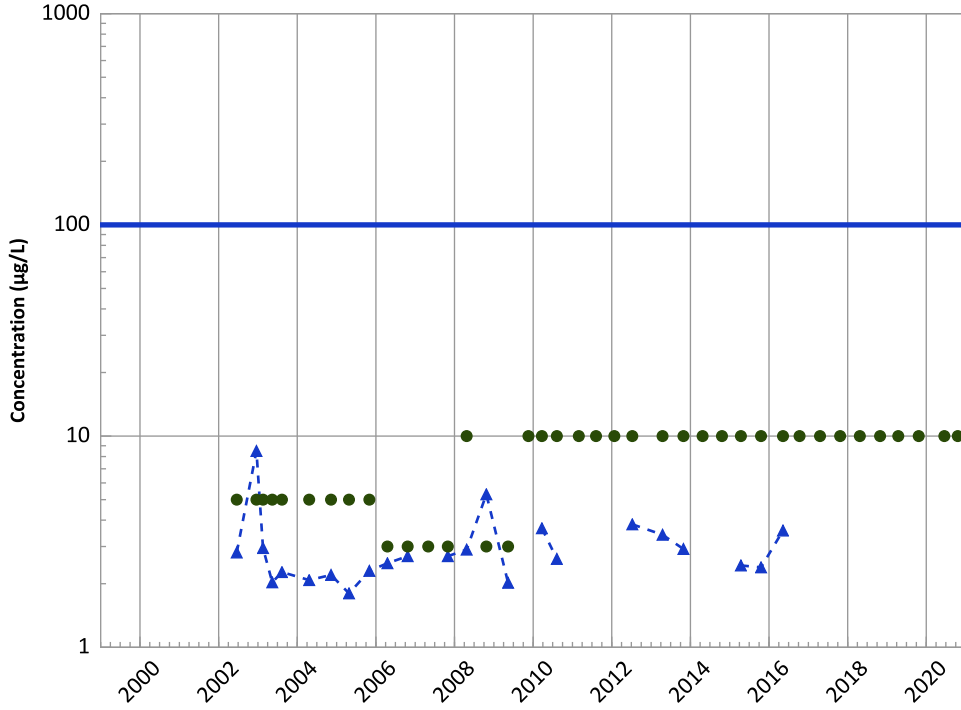


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

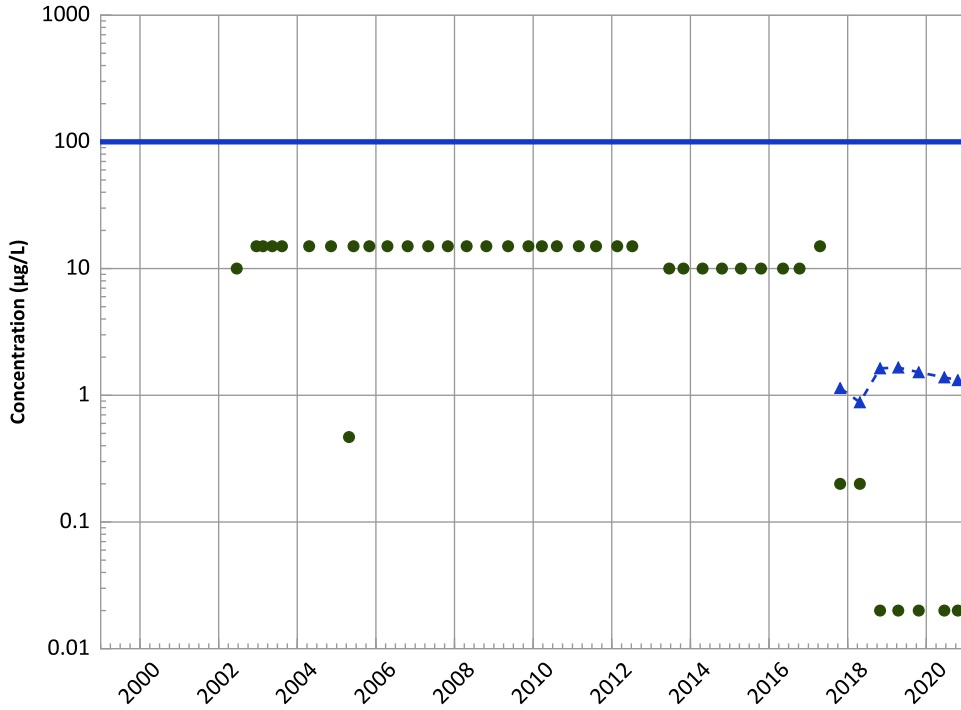


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Chromium, Hexavalent Trend

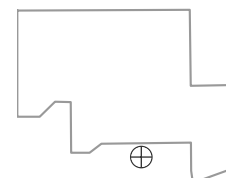


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Well Location

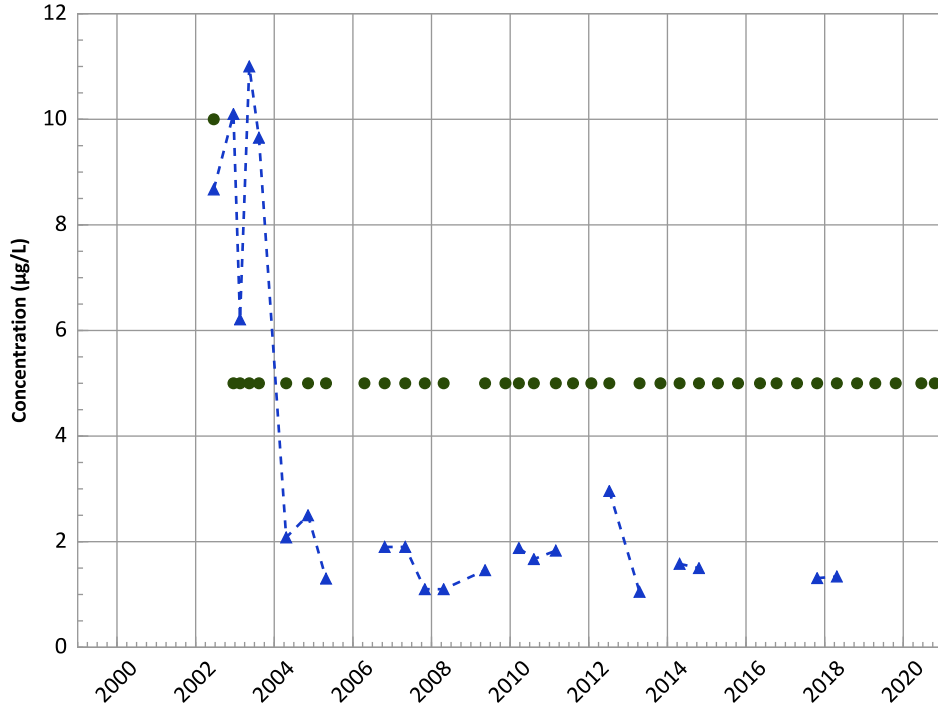


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

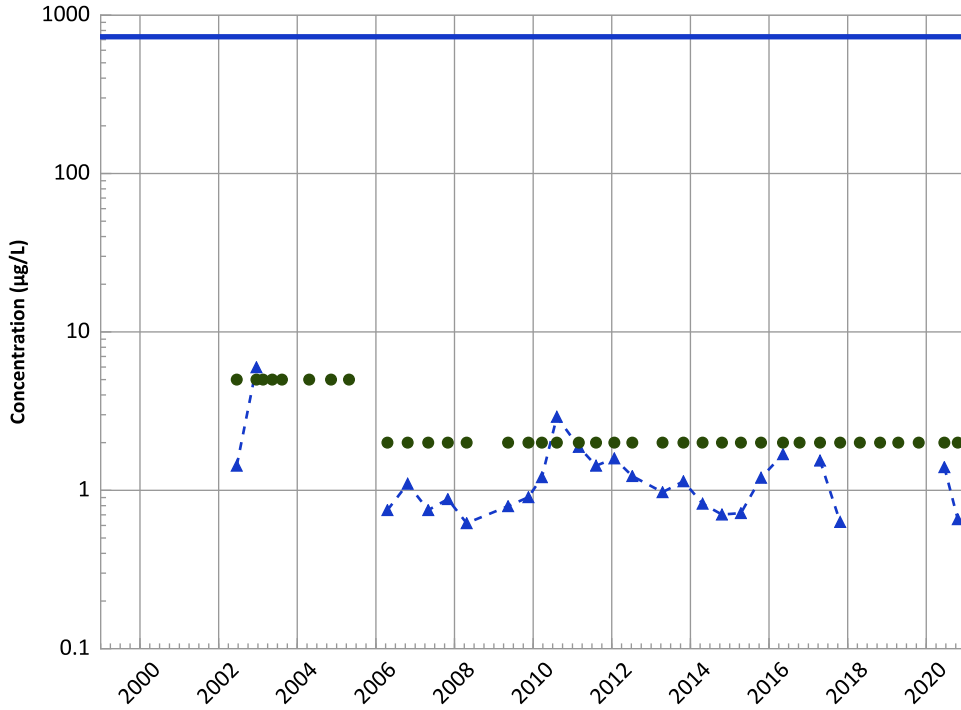
2018 - 2020 Data:

Stable

All Data:

Decreasing

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

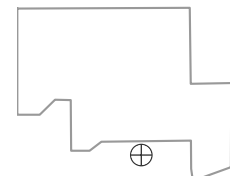
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Well Location

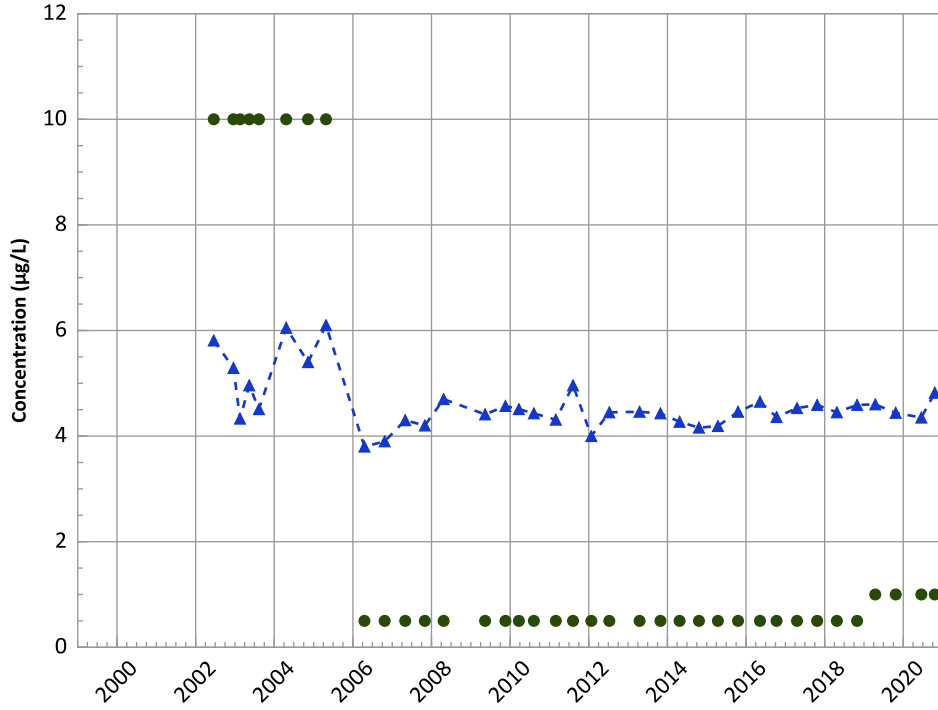


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

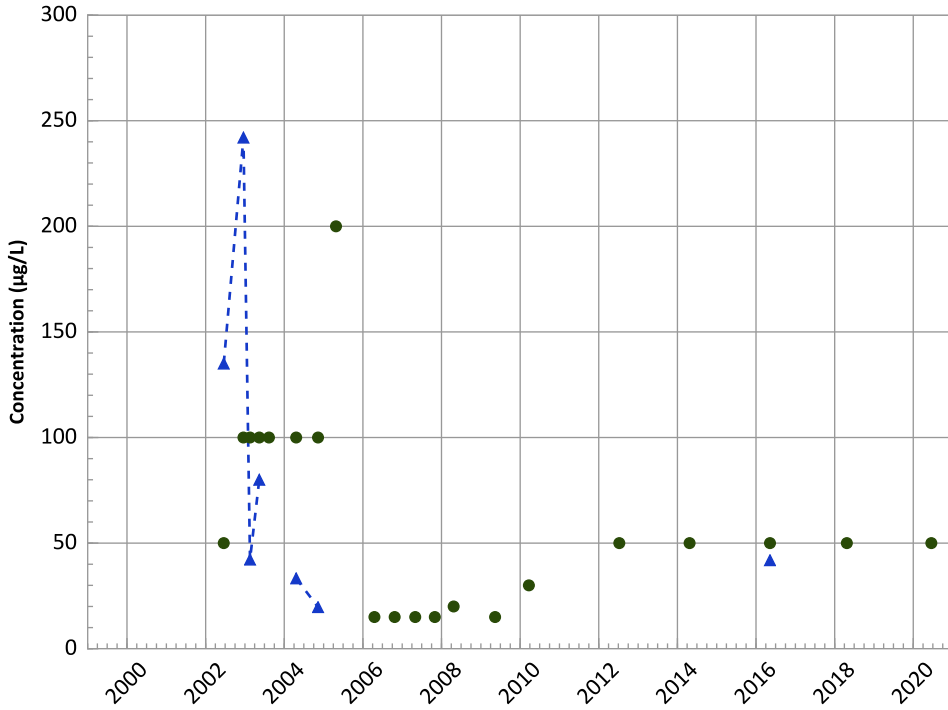
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

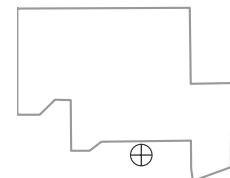
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

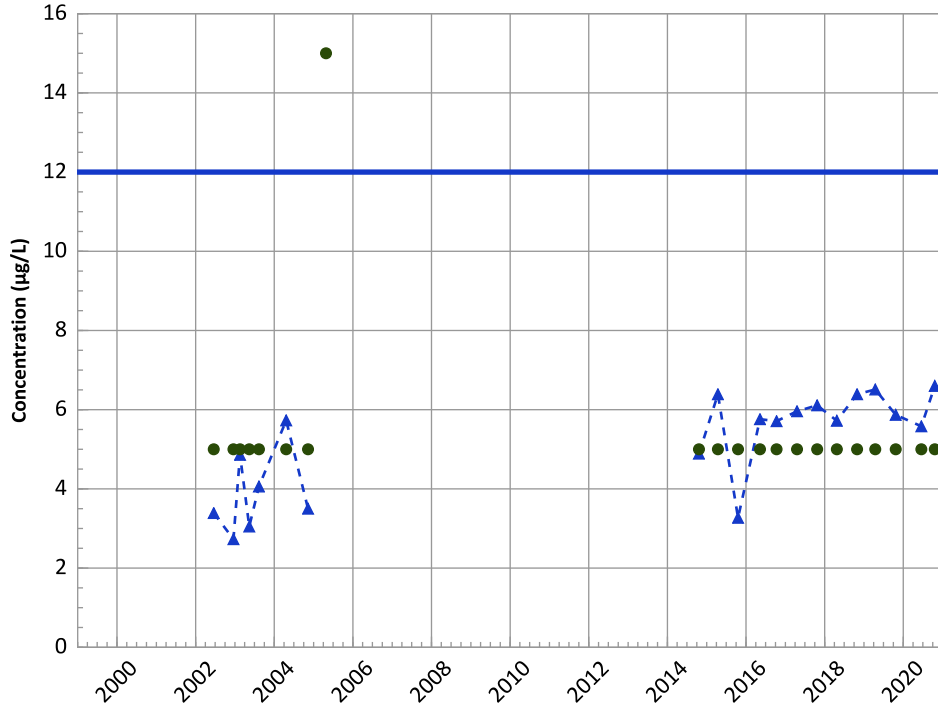
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

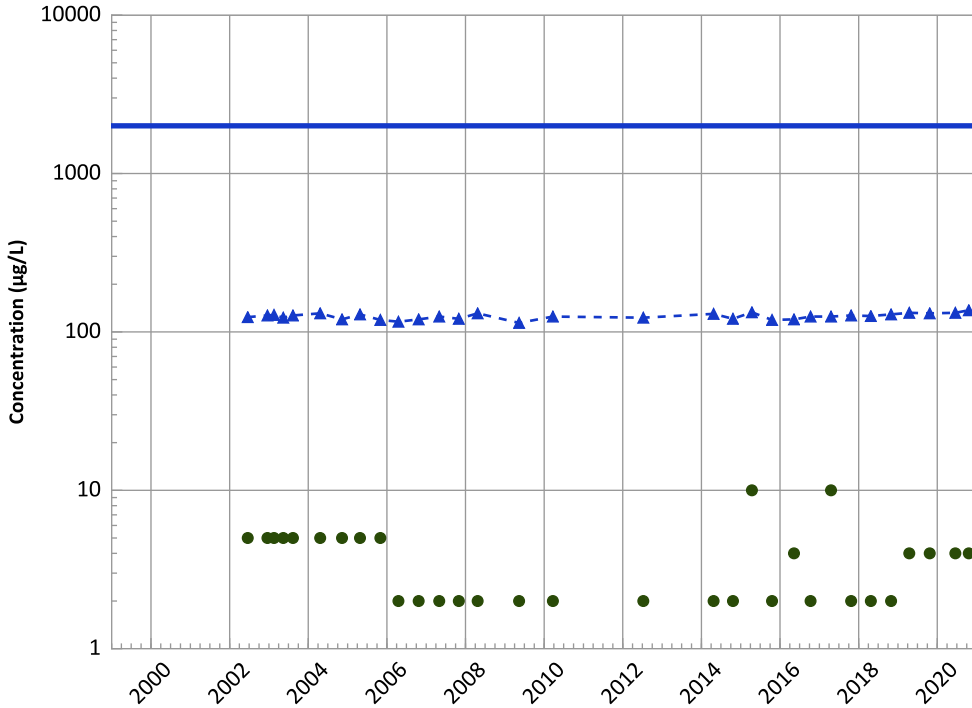
2018 - 2020 Data:

Stable

All Data:

Increasing

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

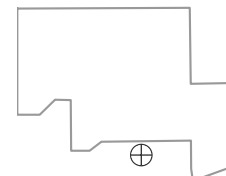
All Data:

Increasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

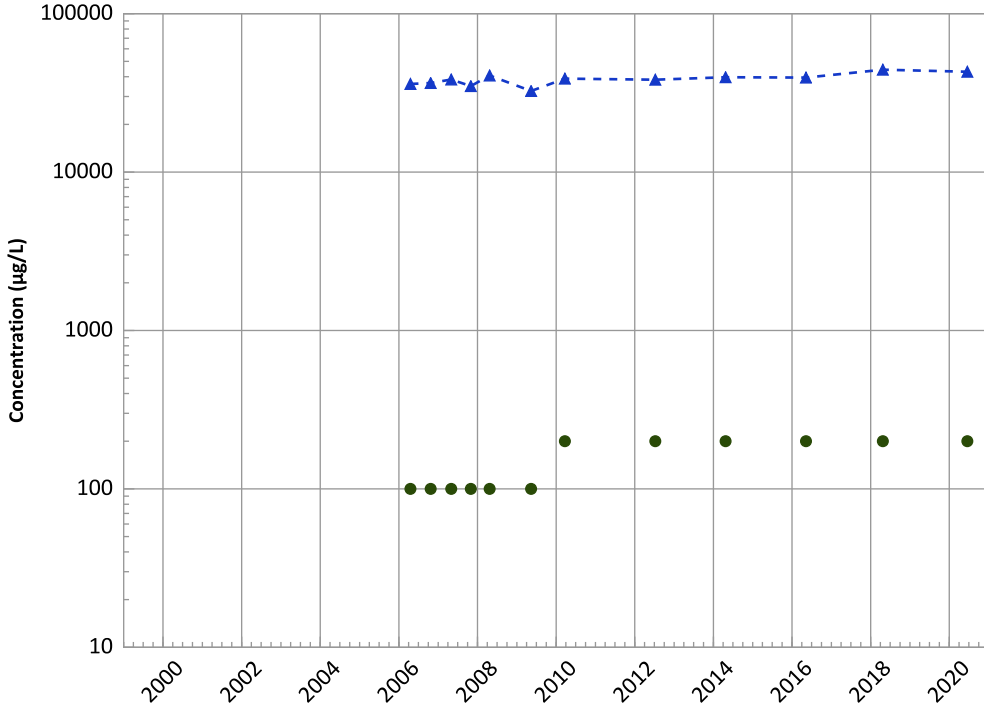
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

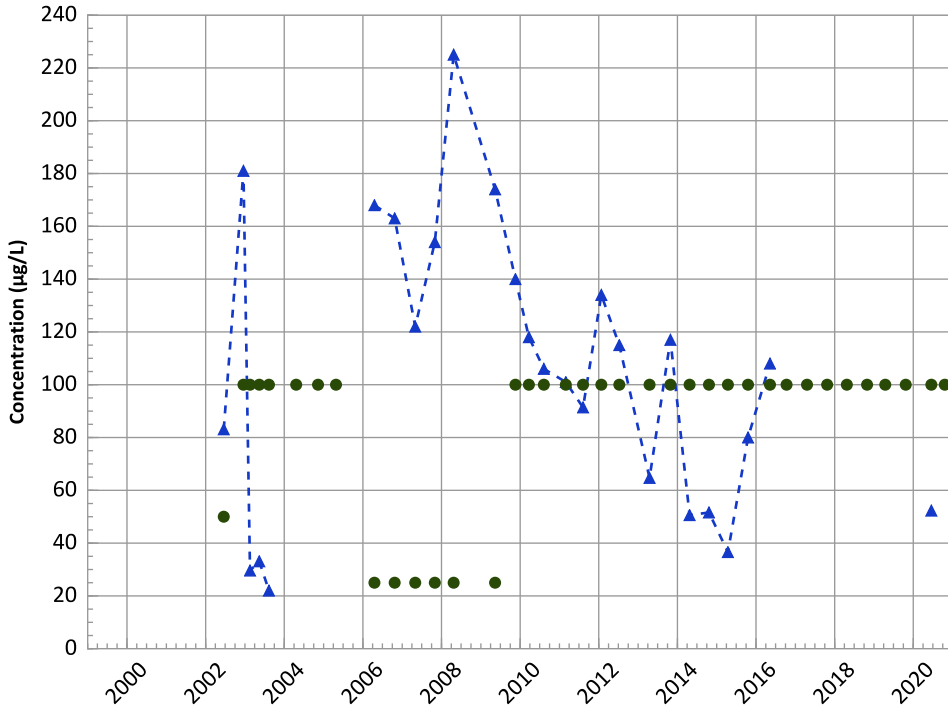
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Stable

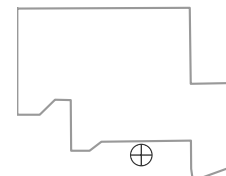
All Data:

Stable

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

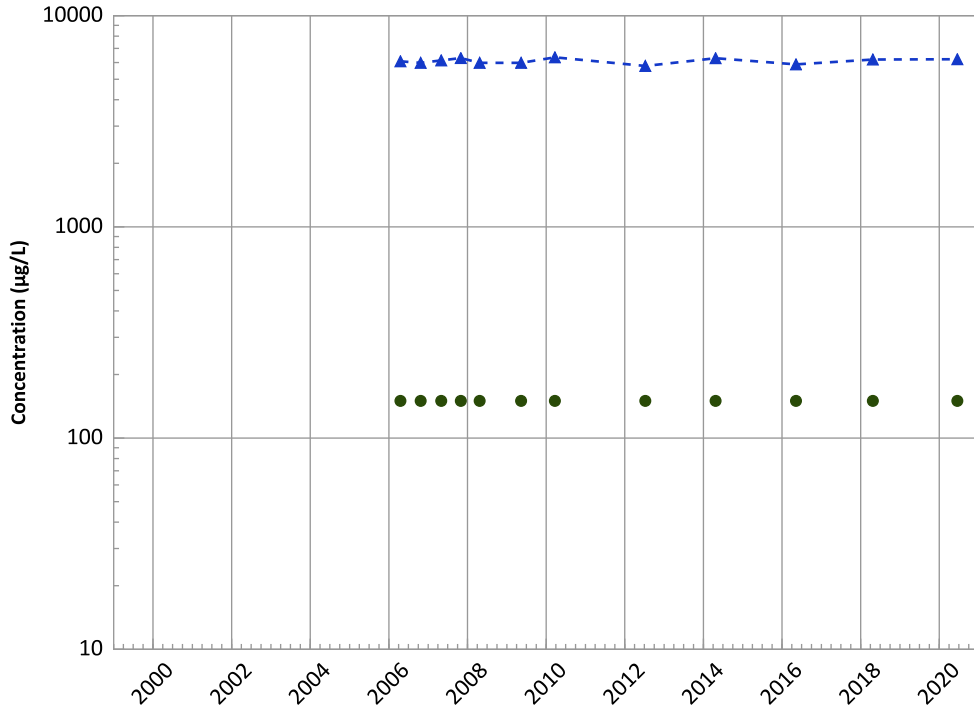
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

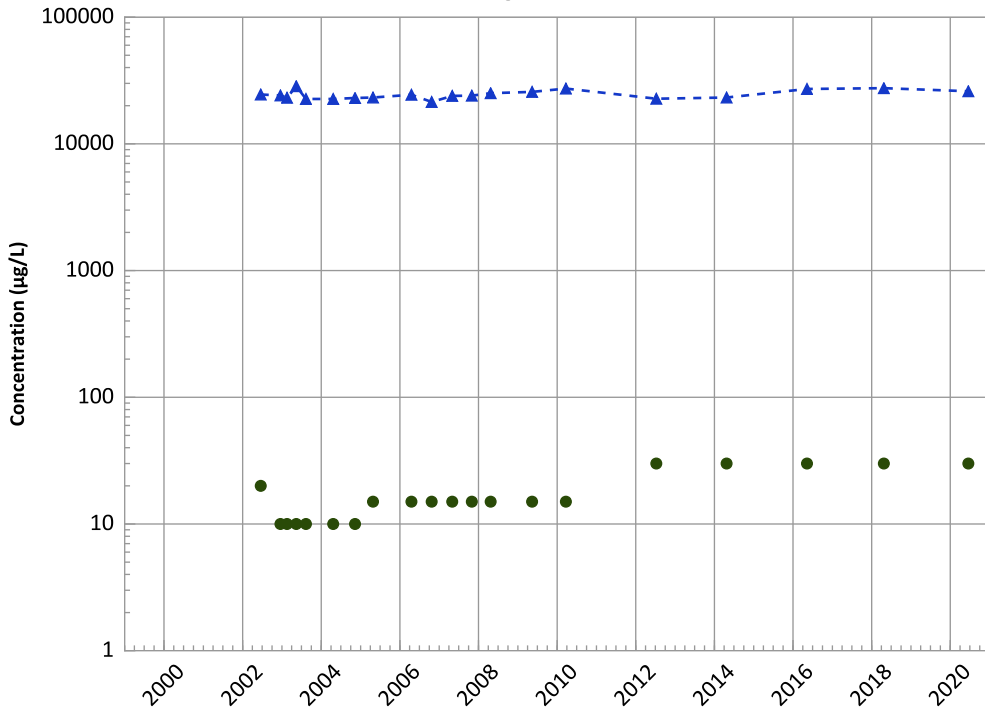
2018 - 2020 Data:

No Trend

All Data:

Increasing

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

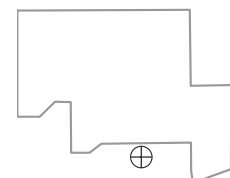
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

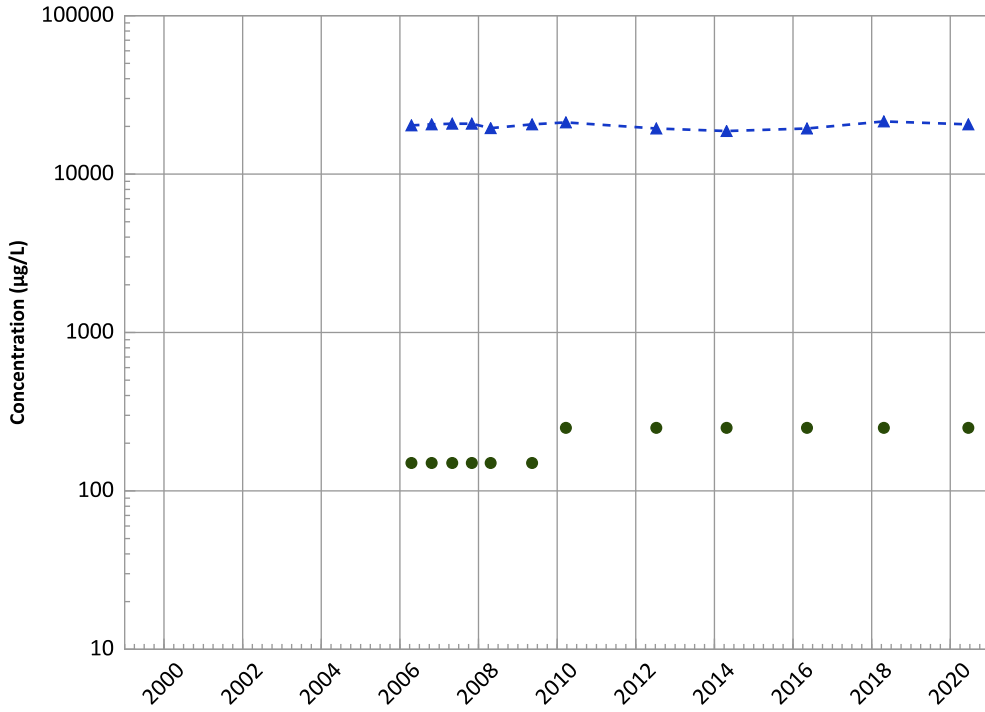


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

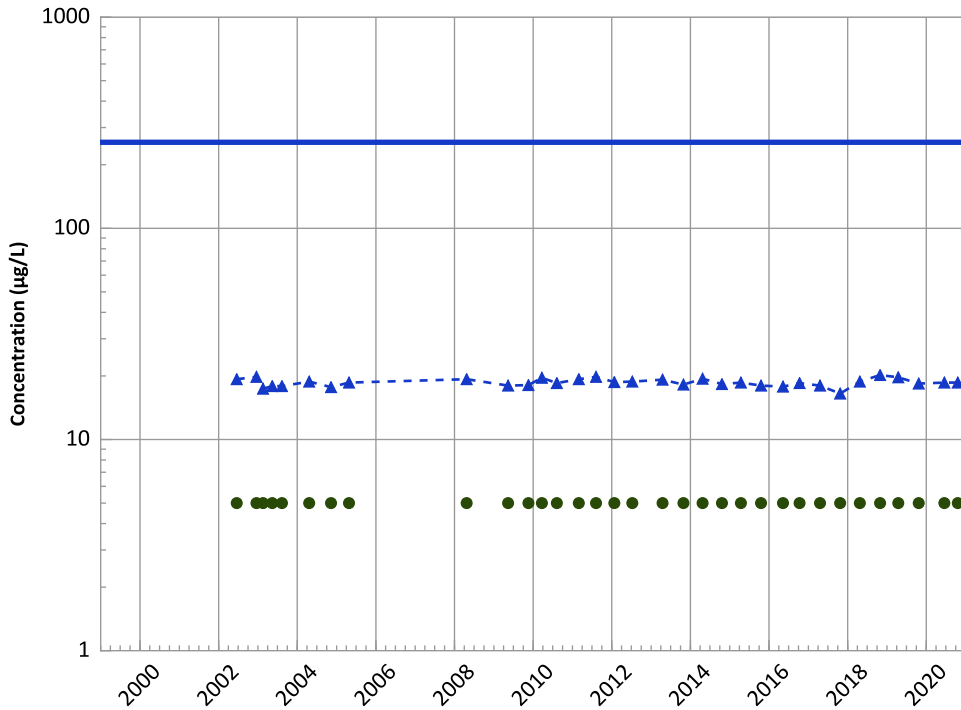
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Vanadium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

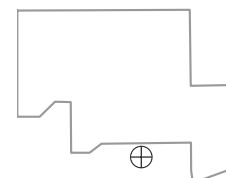
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

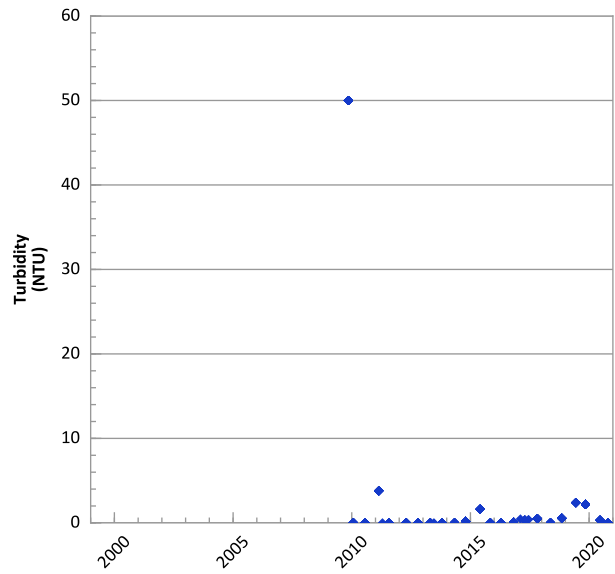
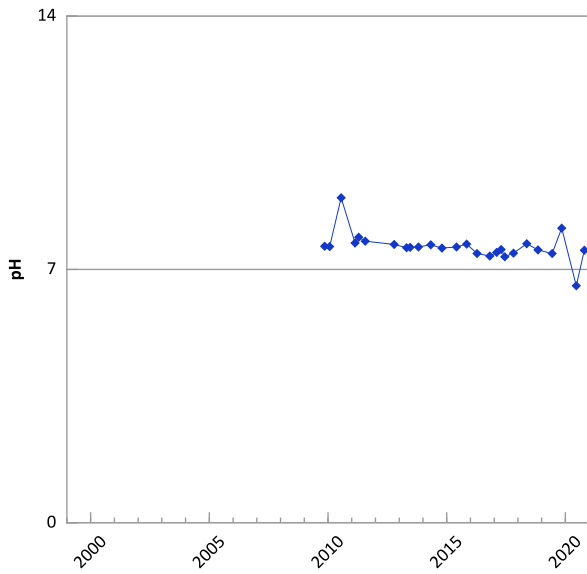
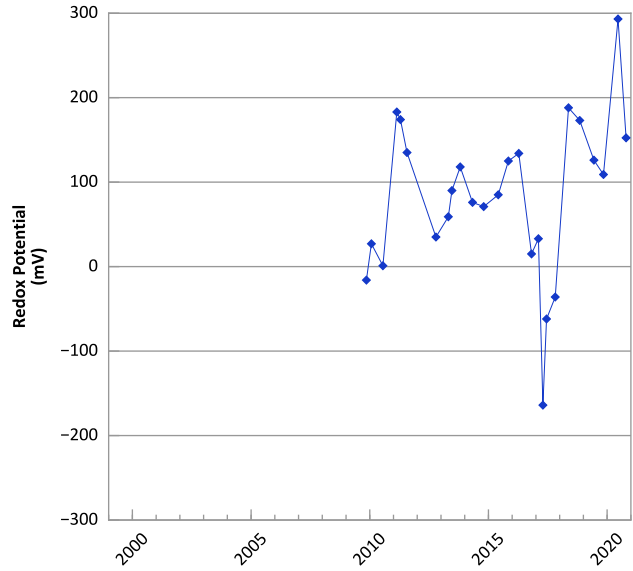
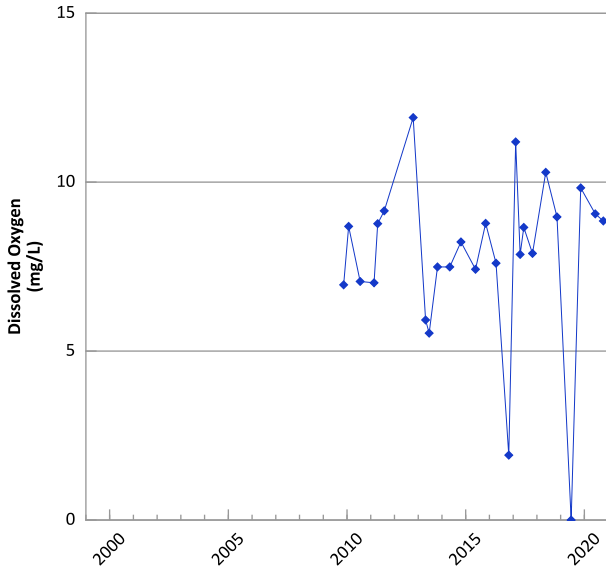
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/18/2002 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



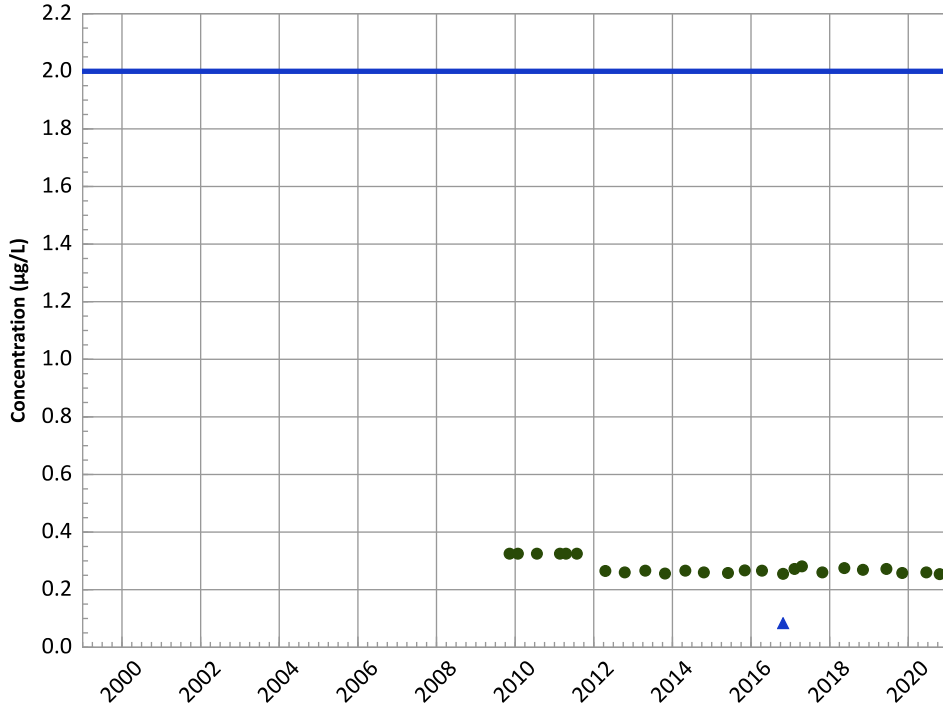
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/10/2009 to 10/19/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

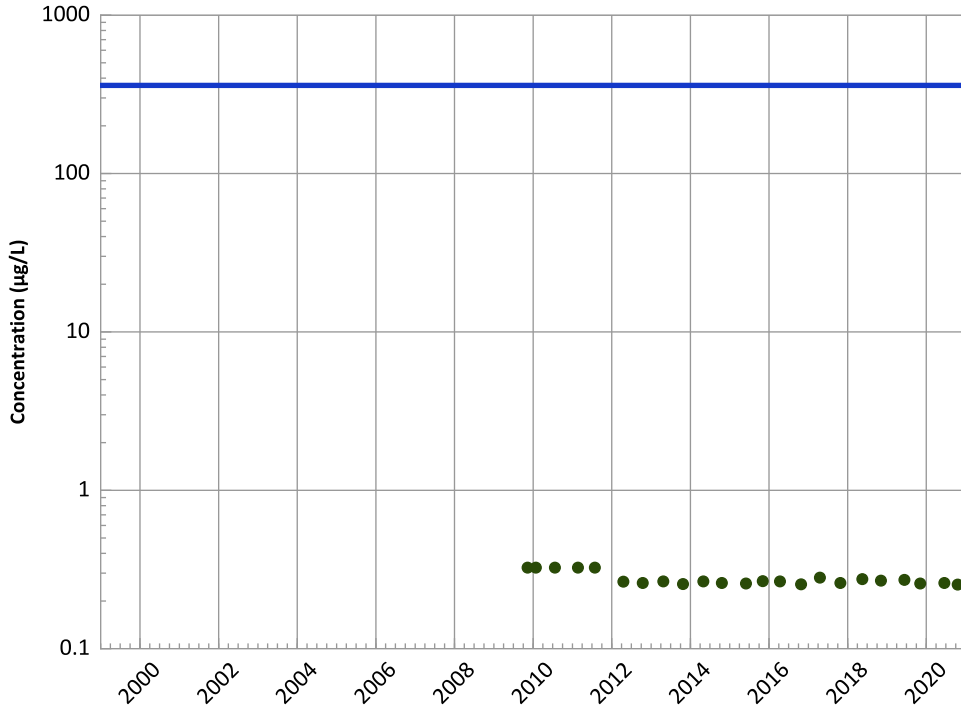


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

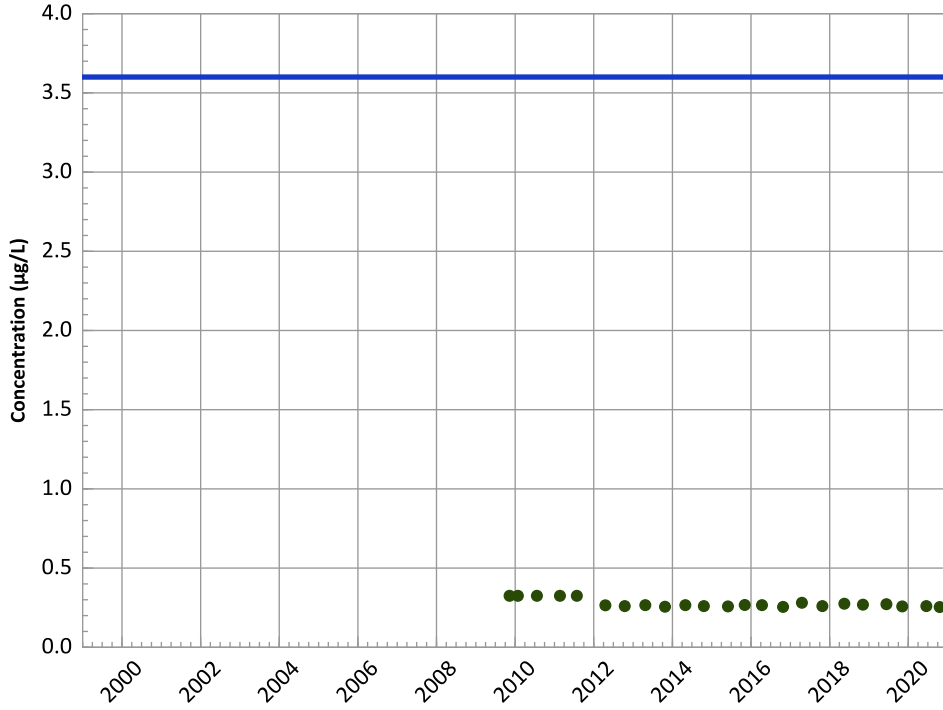


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

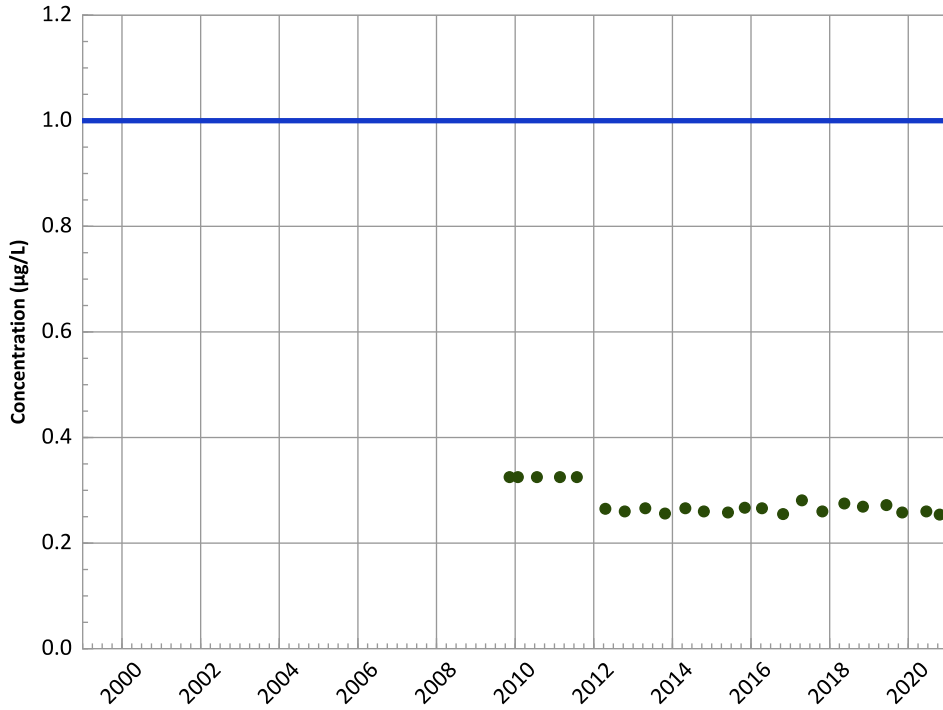
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

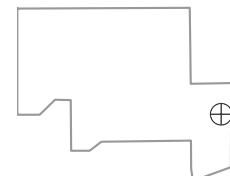
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

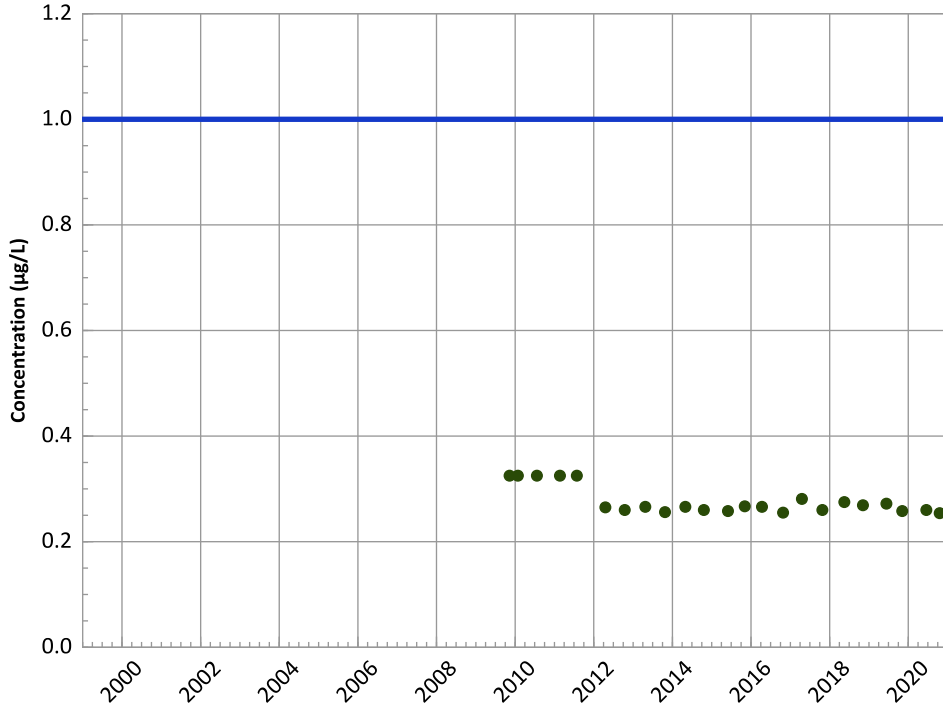


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

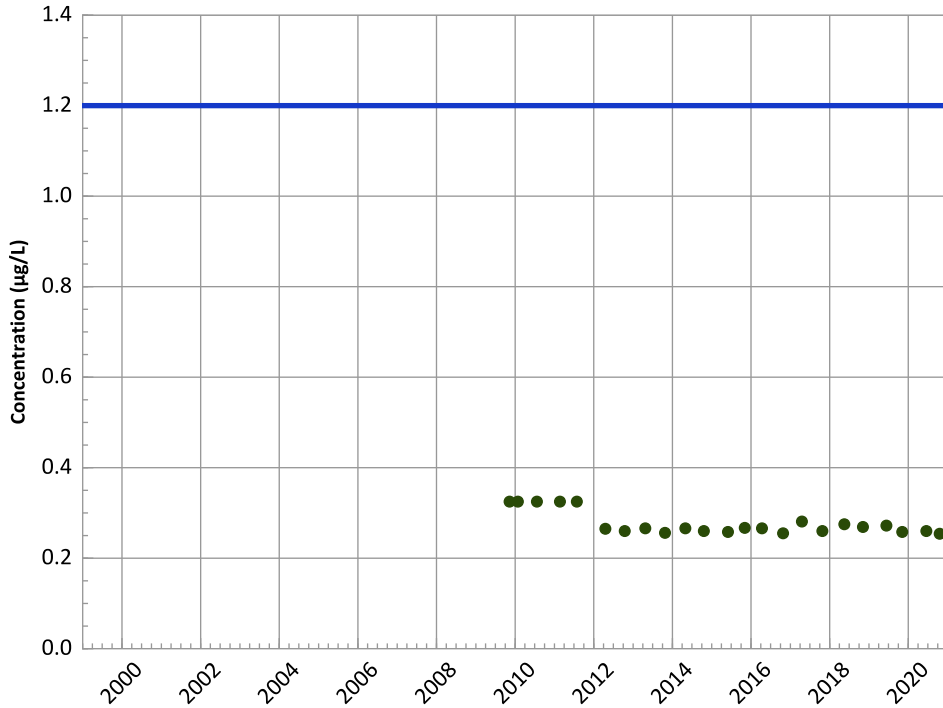
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

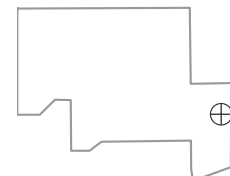
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

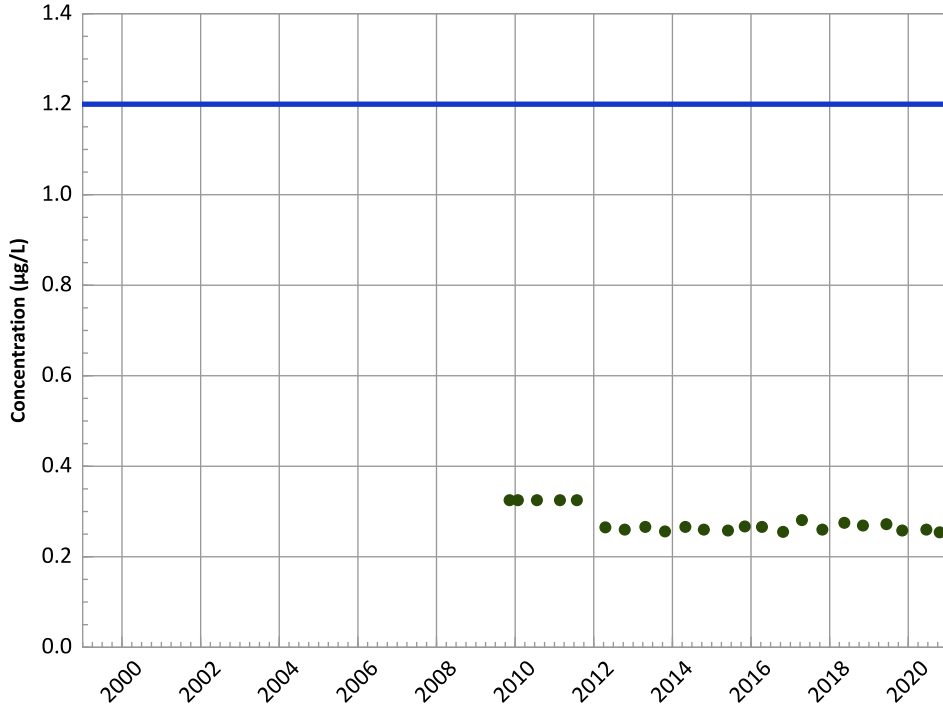


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

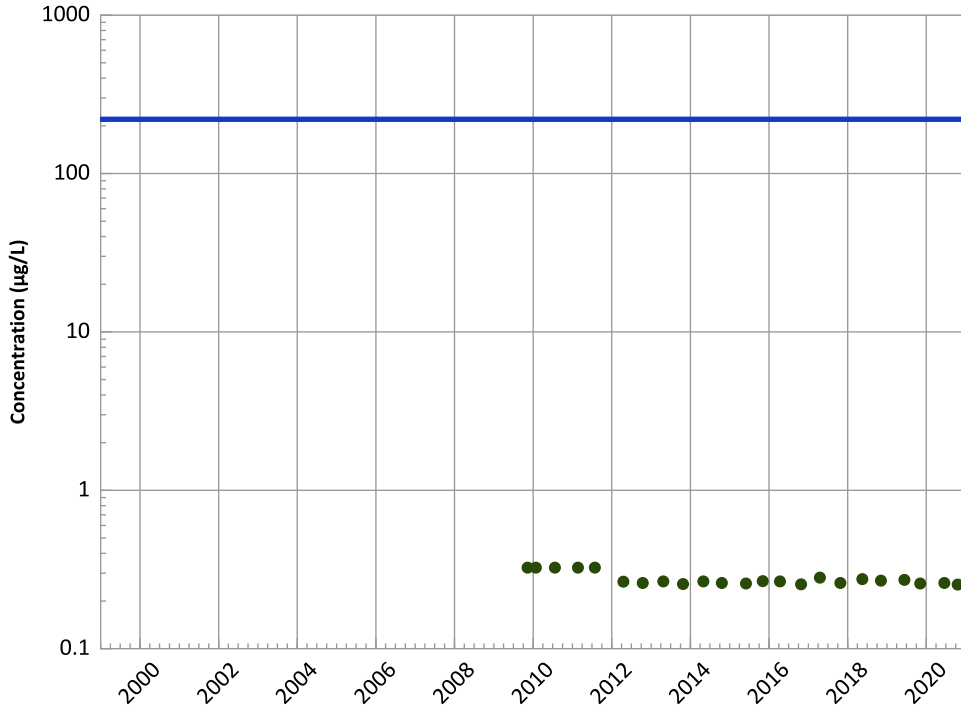
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

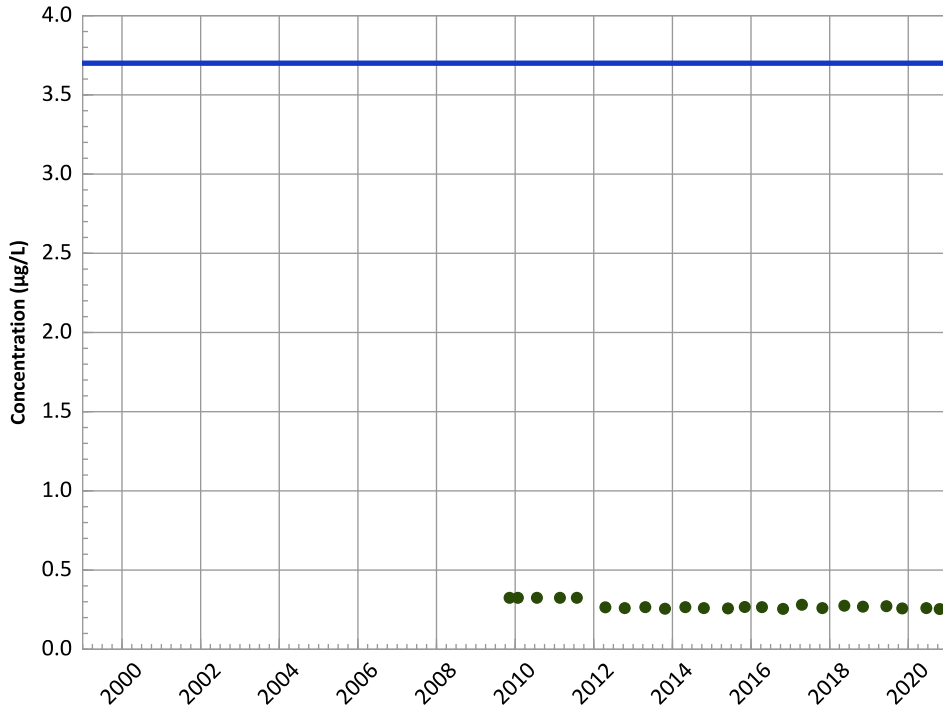
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

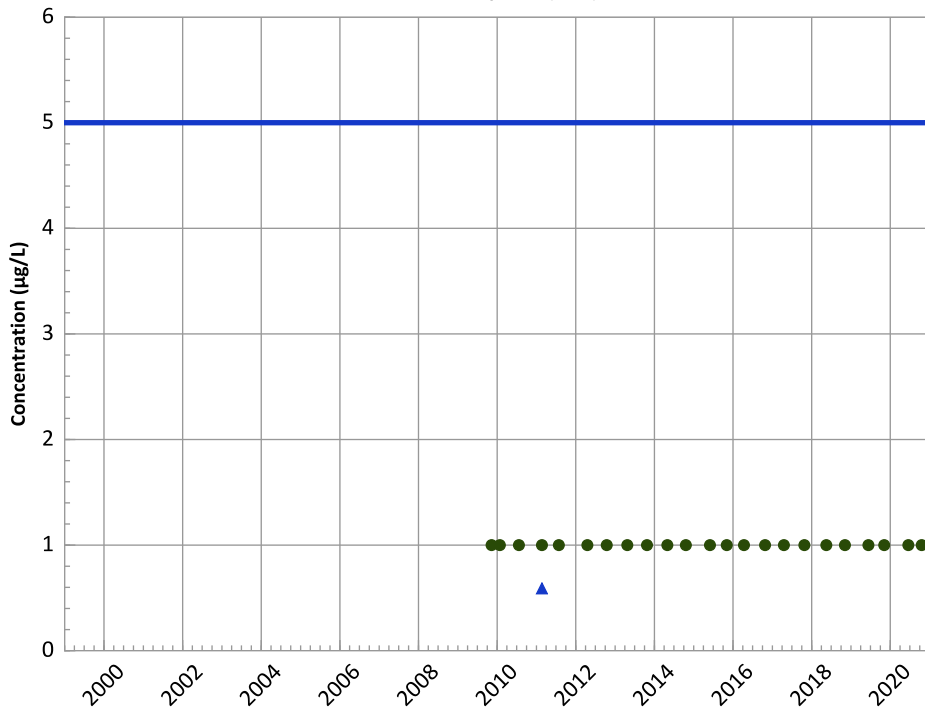
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

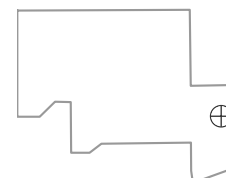
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

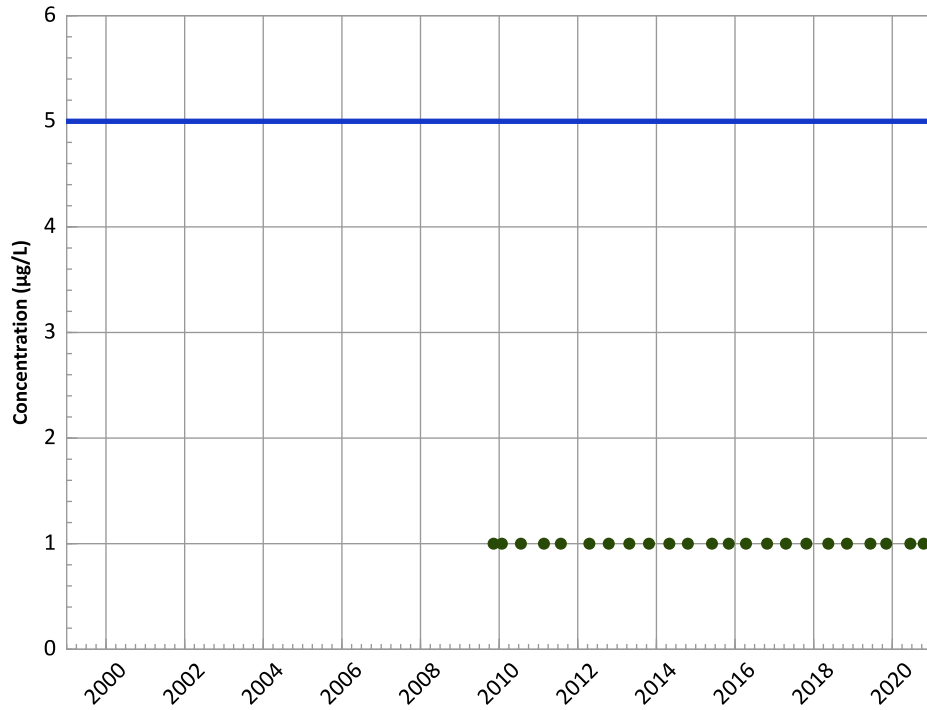


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

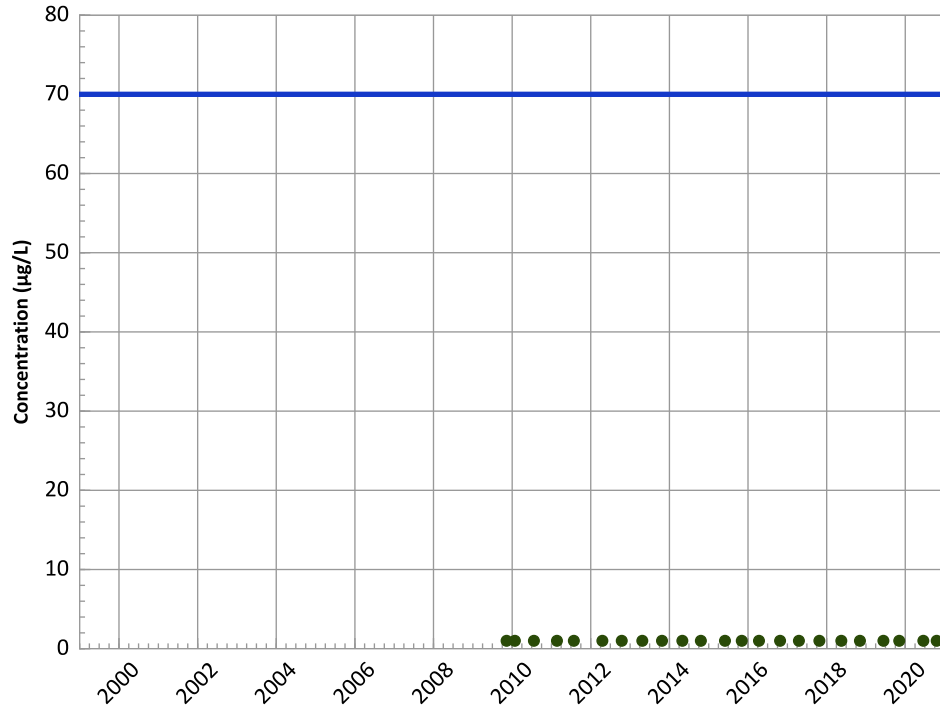
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

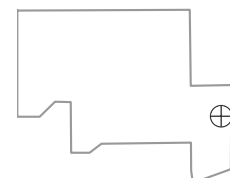
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

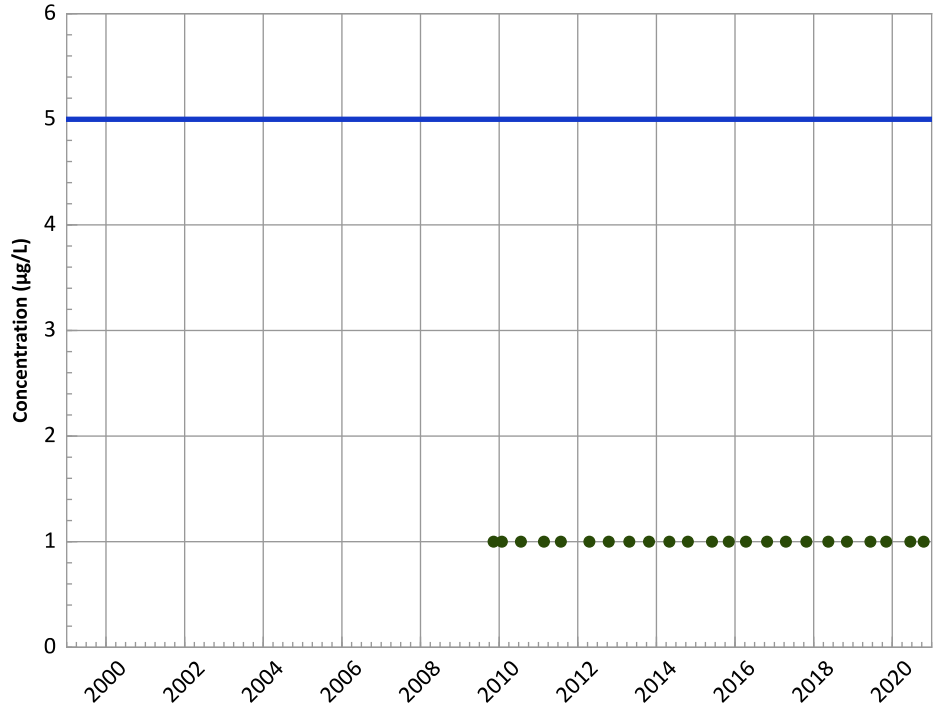
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
1,2-Dichloroethane Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

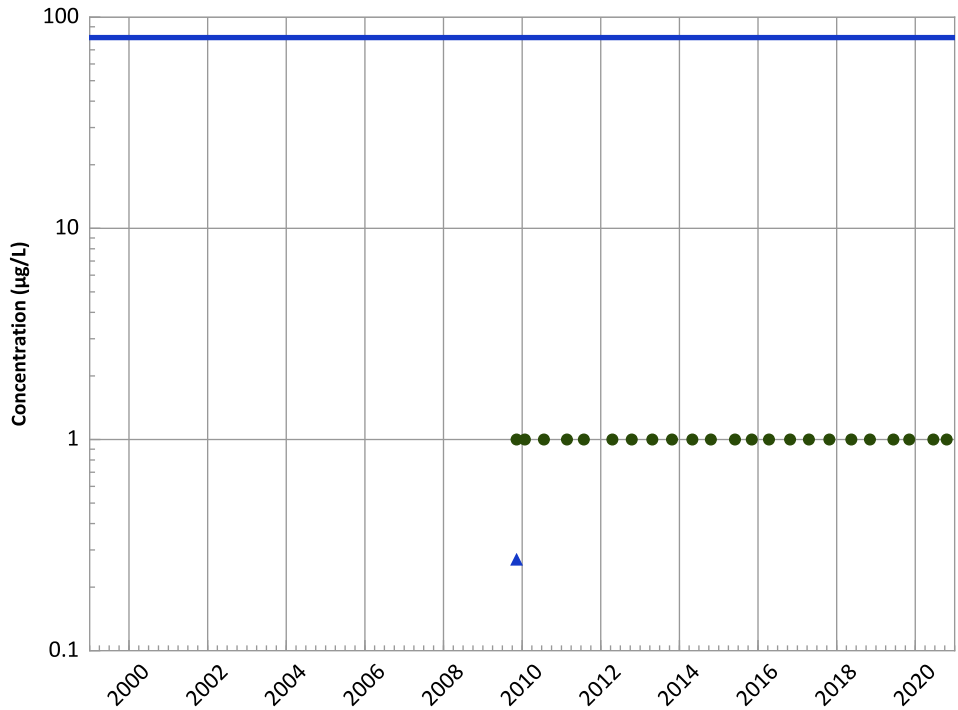
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

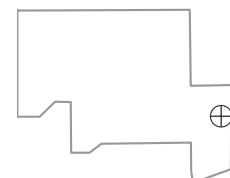
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

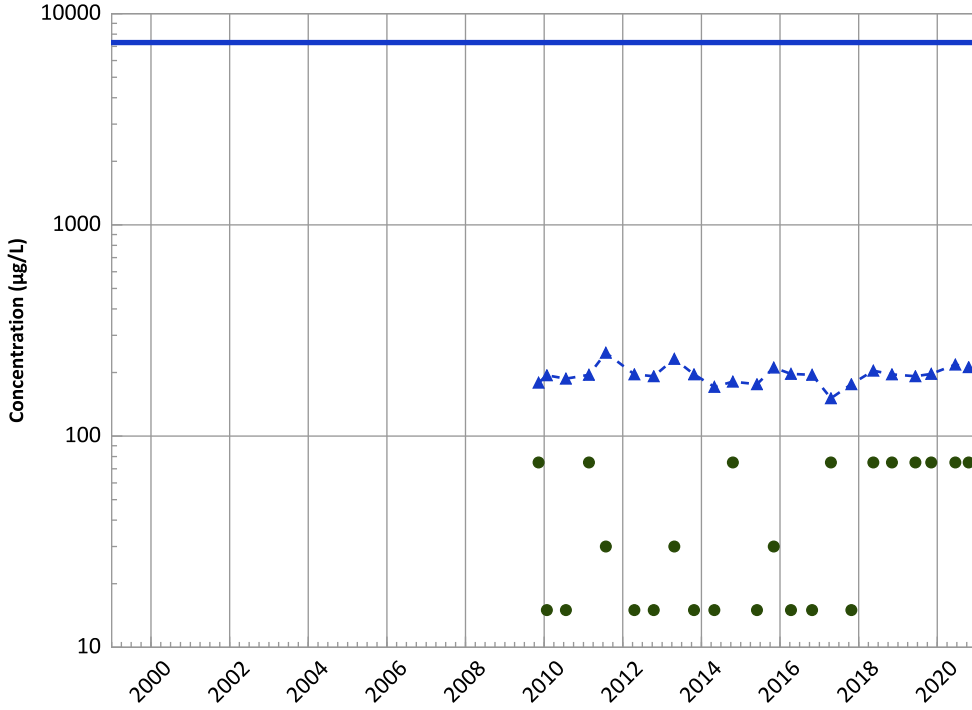


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

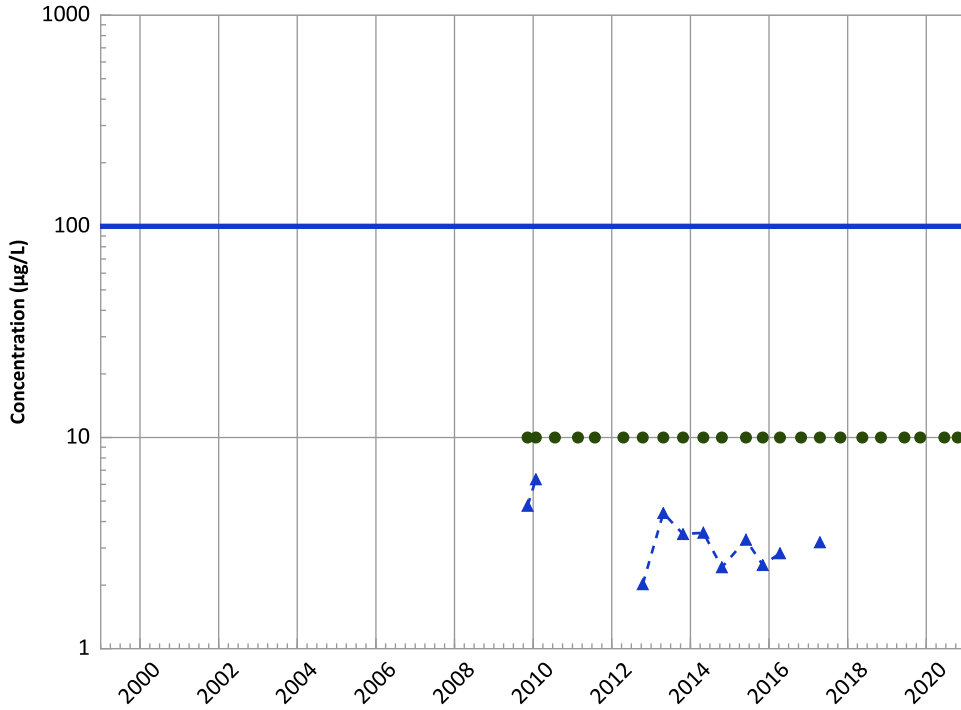
2018 - 2020 Data:

Probably Increasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

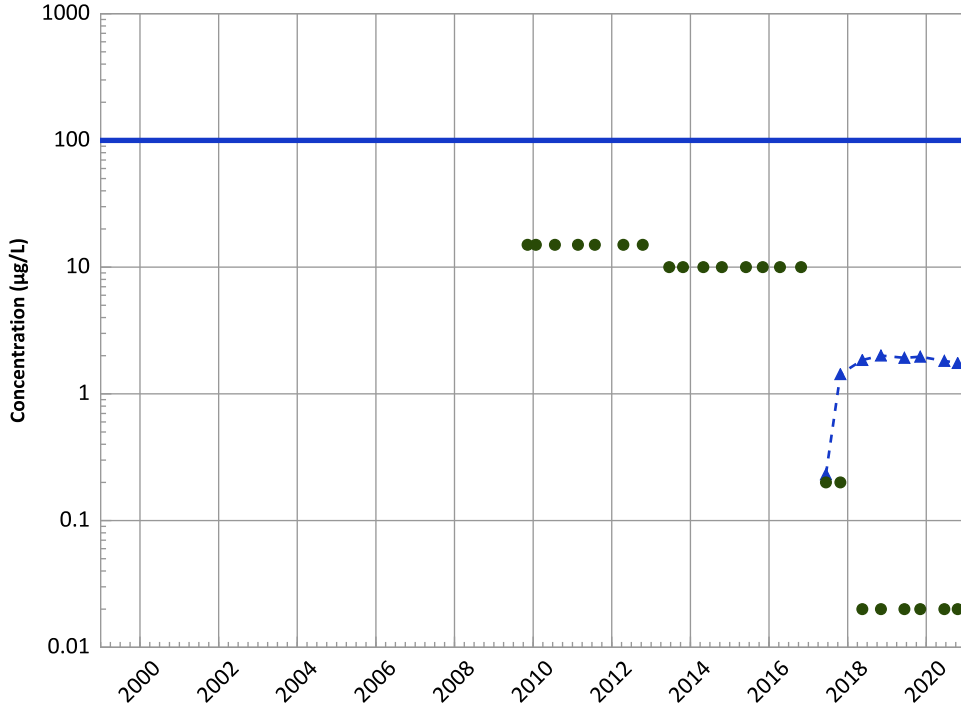
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

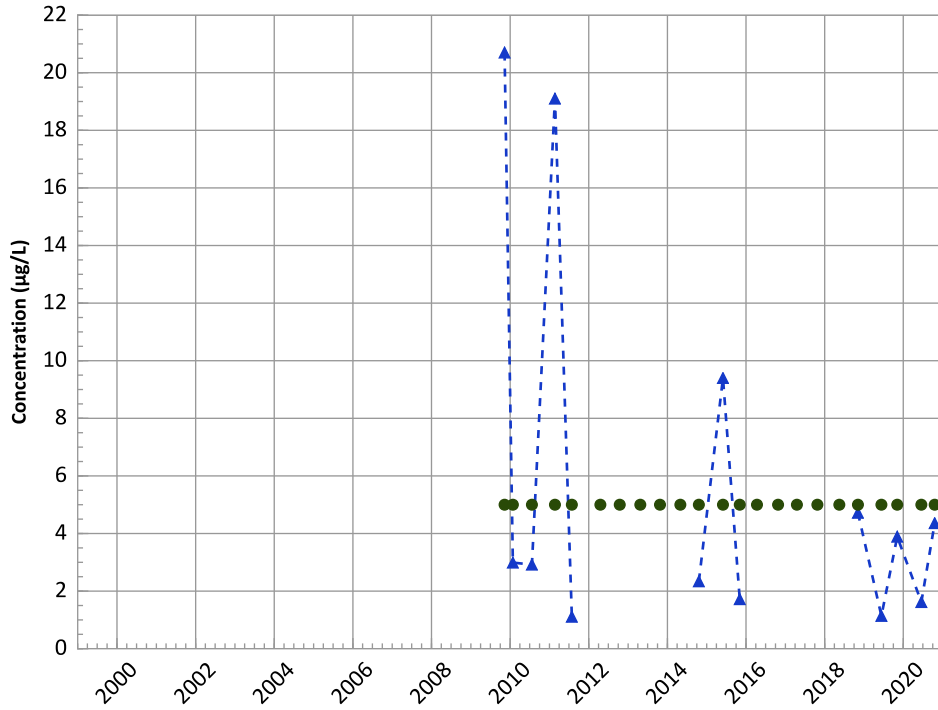
2018 - 2020 Data:

Stable

All Data:

No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

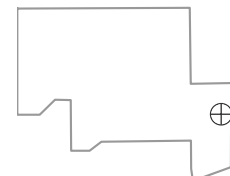
All Data:

No Trend

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

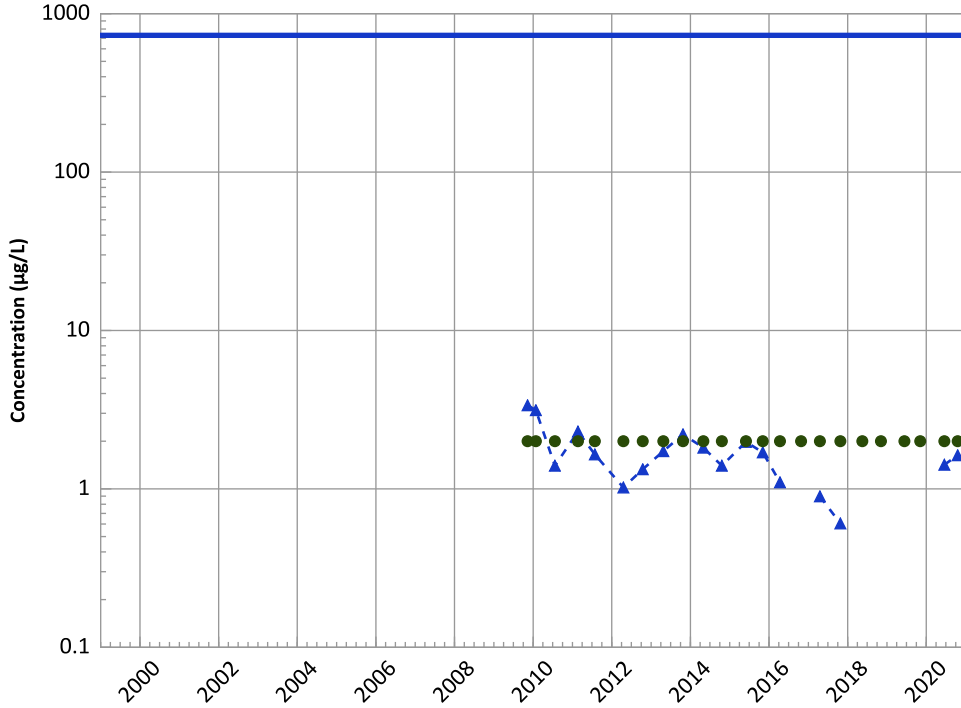
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

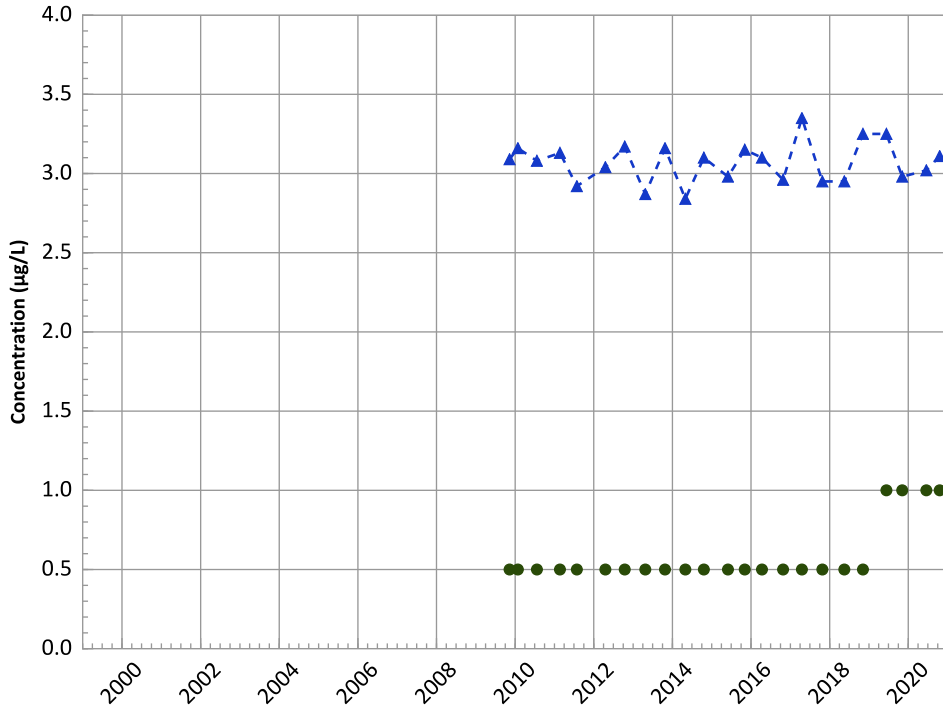


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Decreasing

Molybdenum Trend

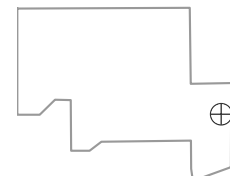


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Well Location

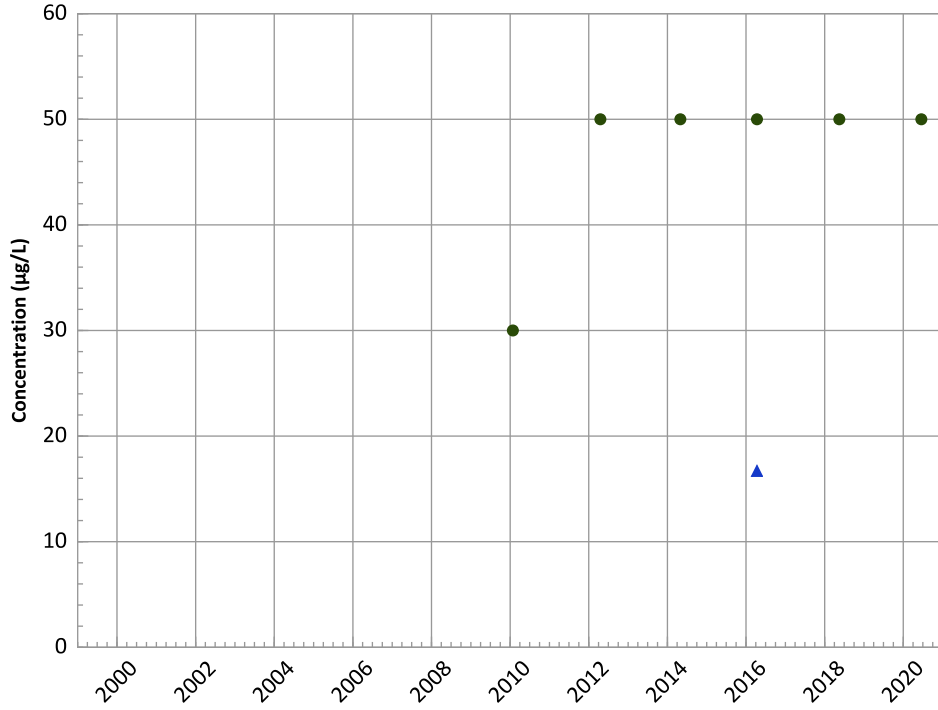


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

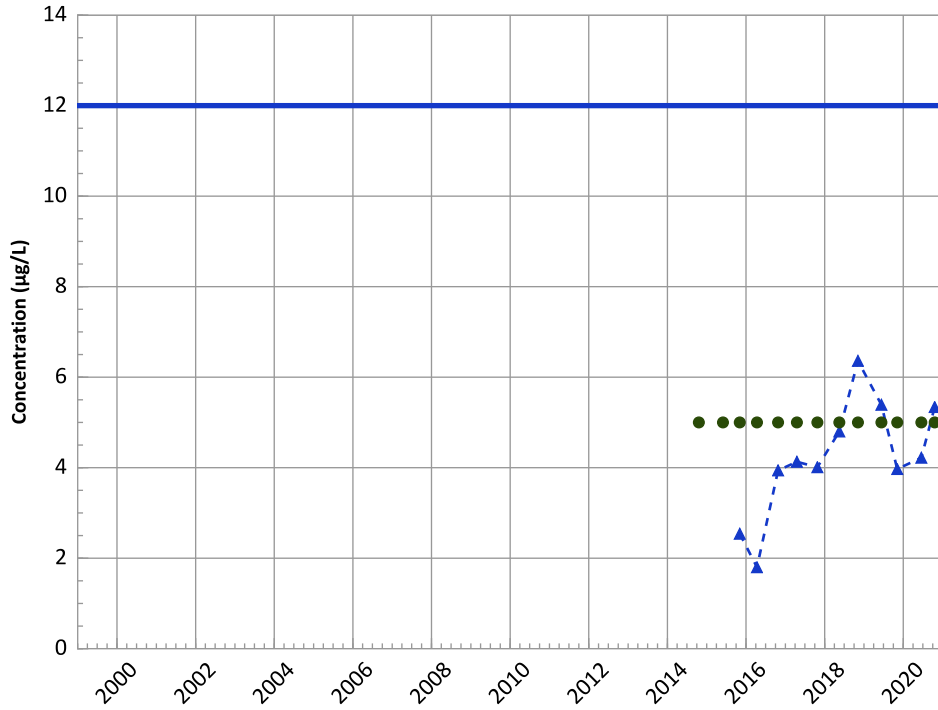


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend

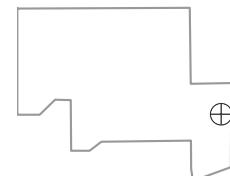


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Well Location

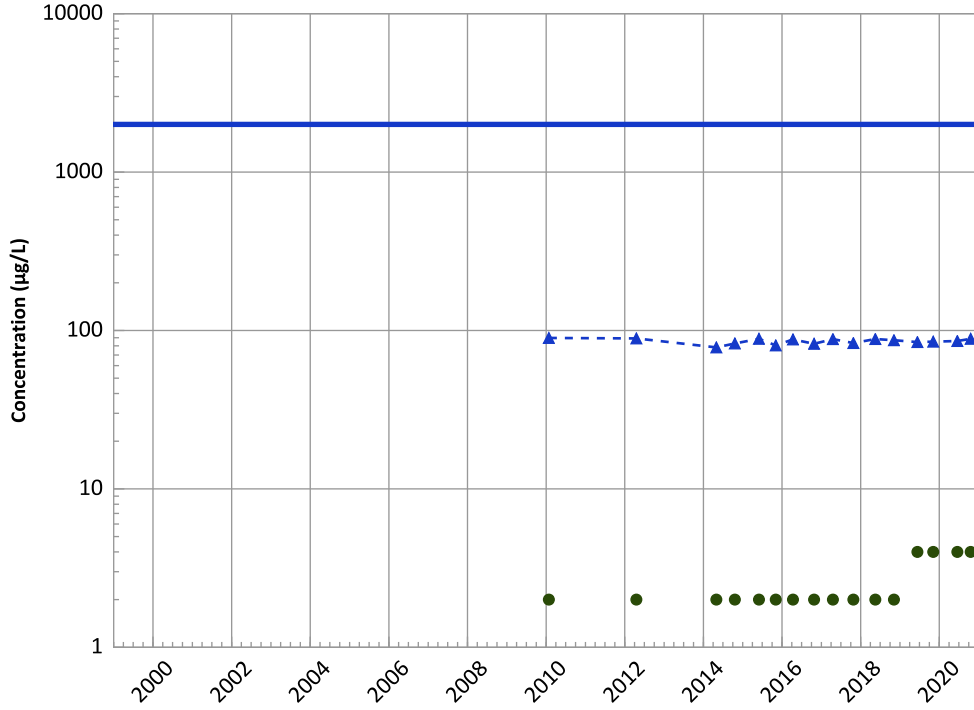


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

No Trend

MAROS Linear Regression Method

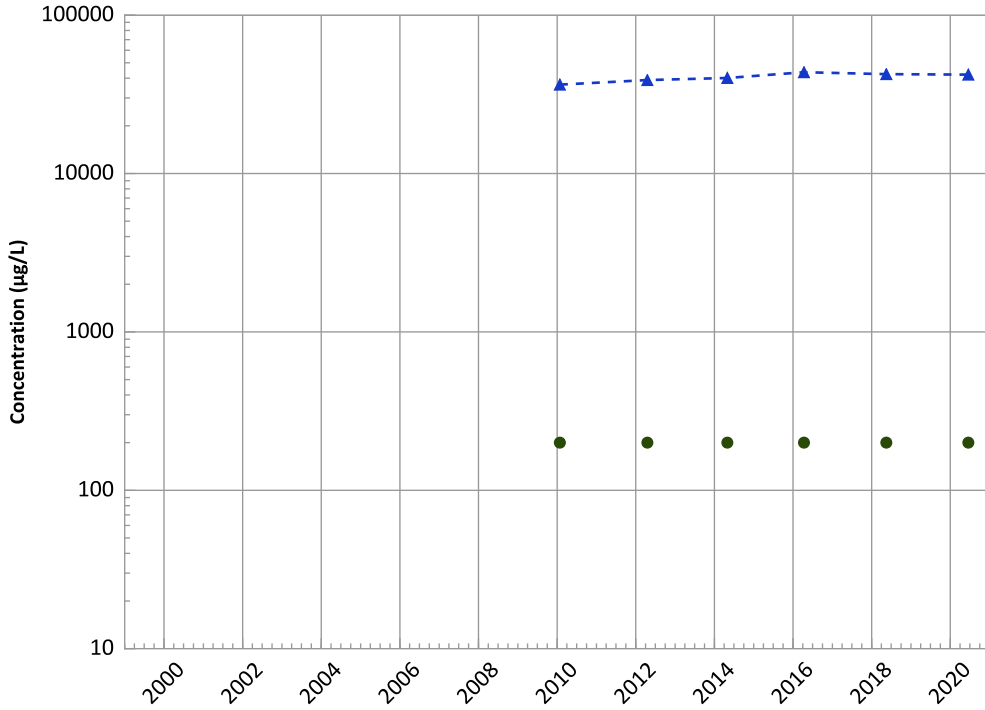
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Probably Increasing

MAROS Linear Regression Method

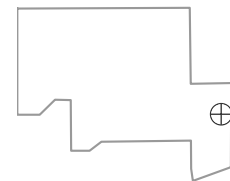
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

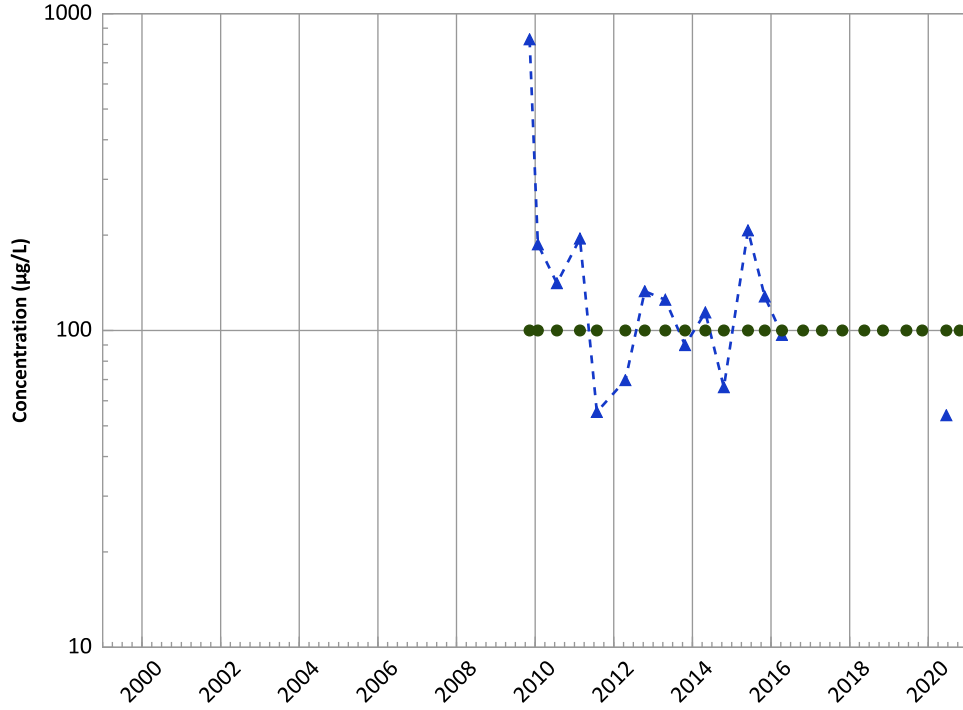


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

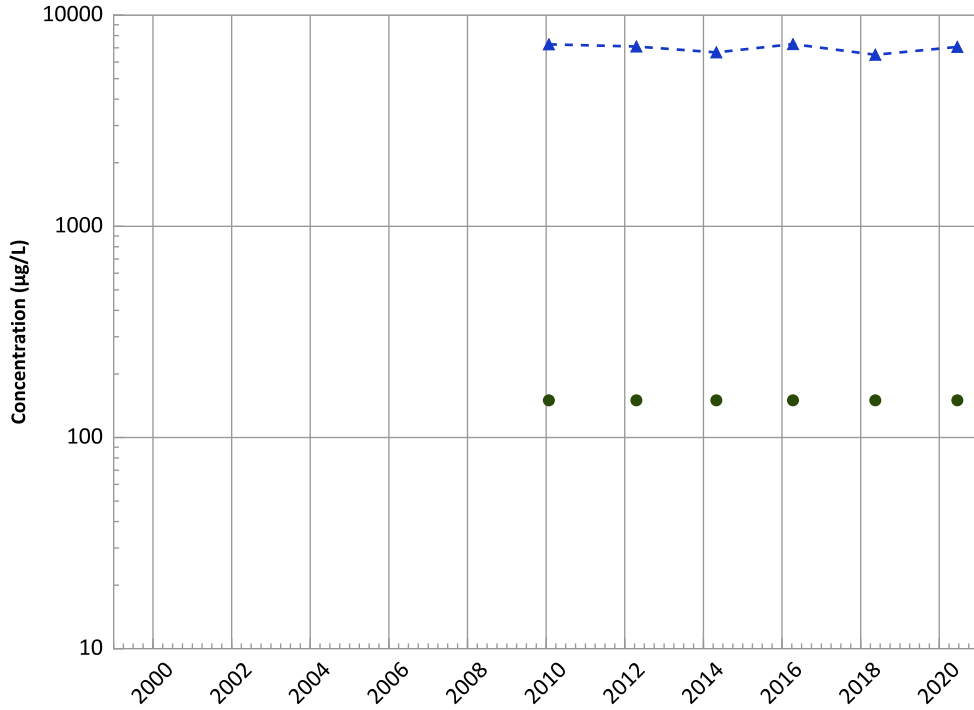


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

Potassium Trend

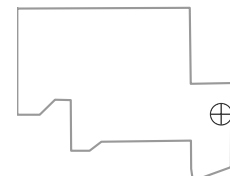


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Increasing
All Data:
Stable

Well Location

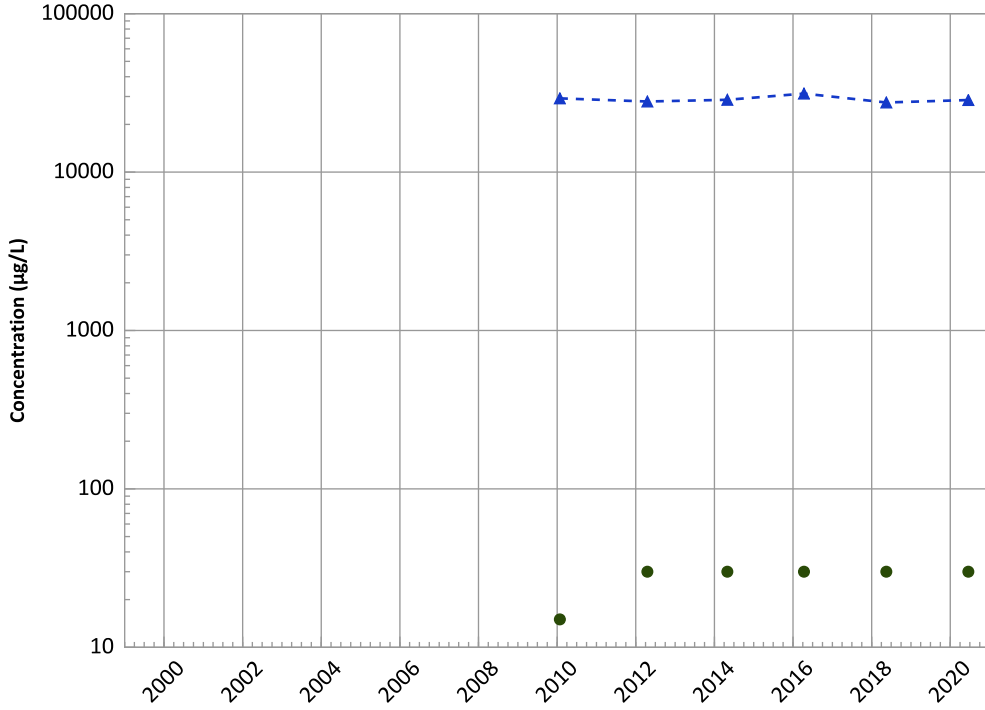


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

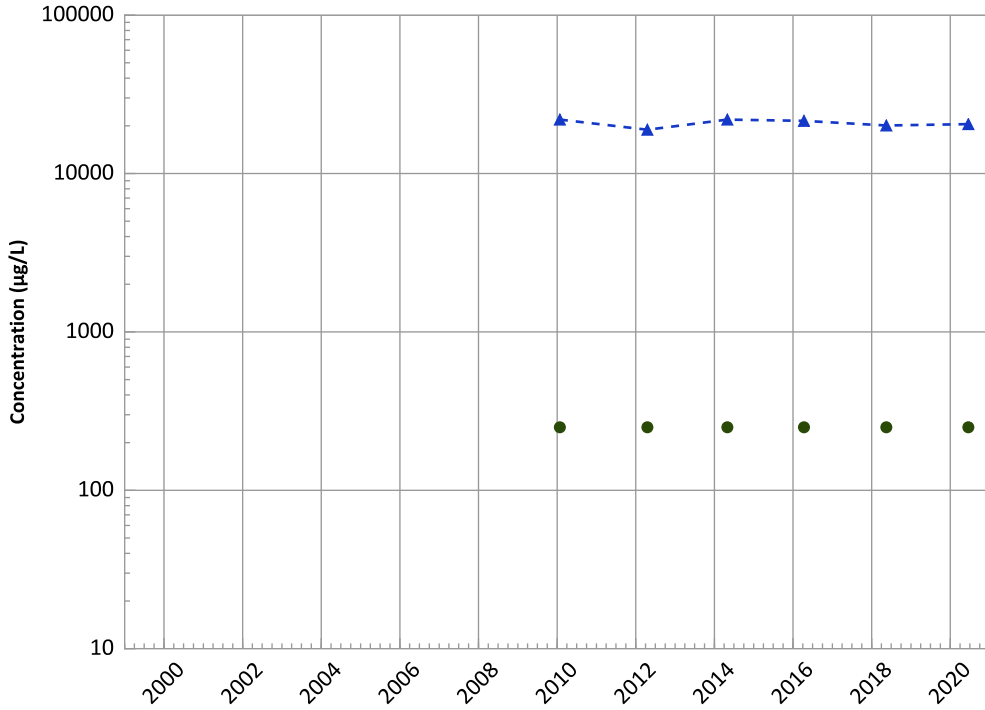
2018 - 2020 Data:

Stable

All Data:

Decreasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

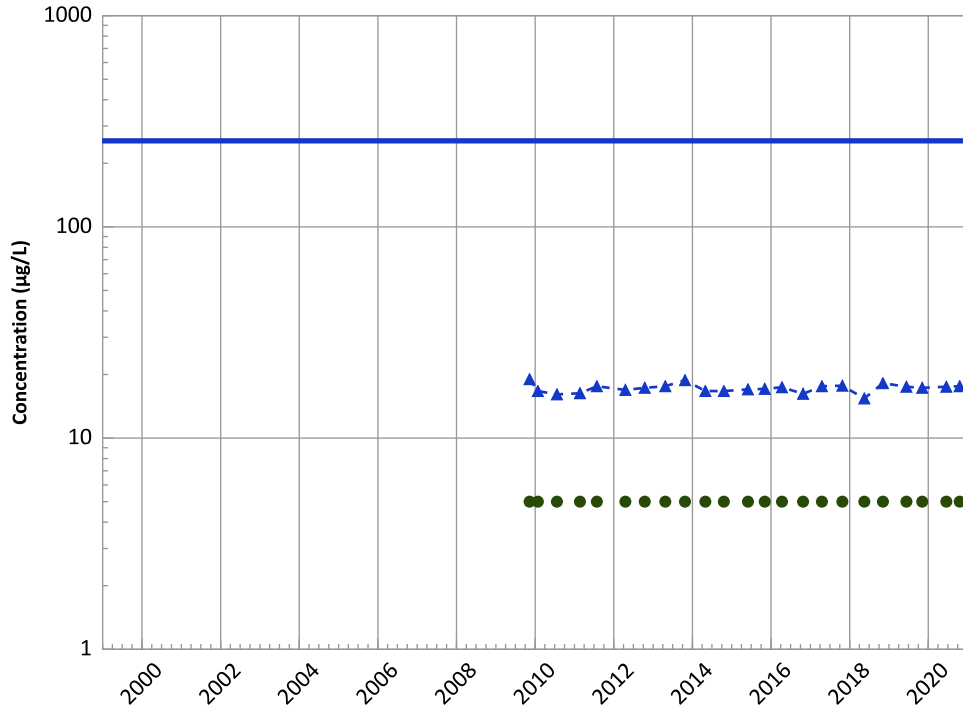
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/10/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
 USDOE/NNSA Pantex Plant
 Vanadium Trend

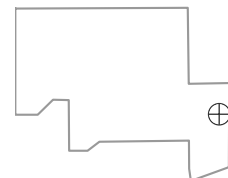


Concentration Trend
 MAROS Mann-Kendall Method
 2018 - 2020 Data:
 No Trend
 All Data:
 No Trend
 MAROS Linear Regression Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Increasing

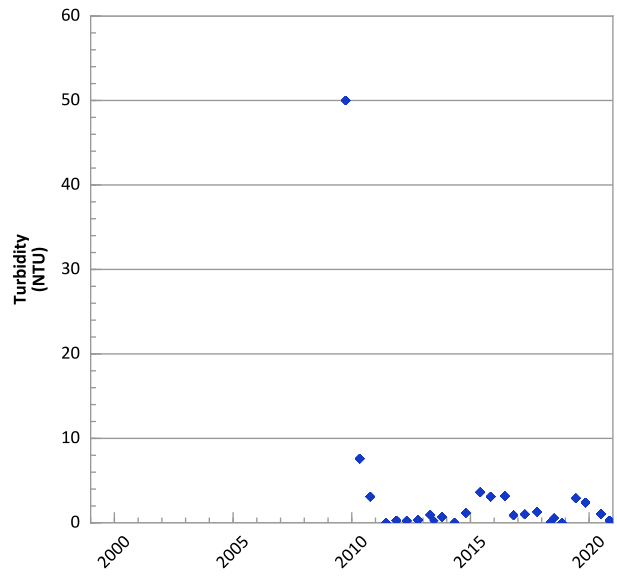
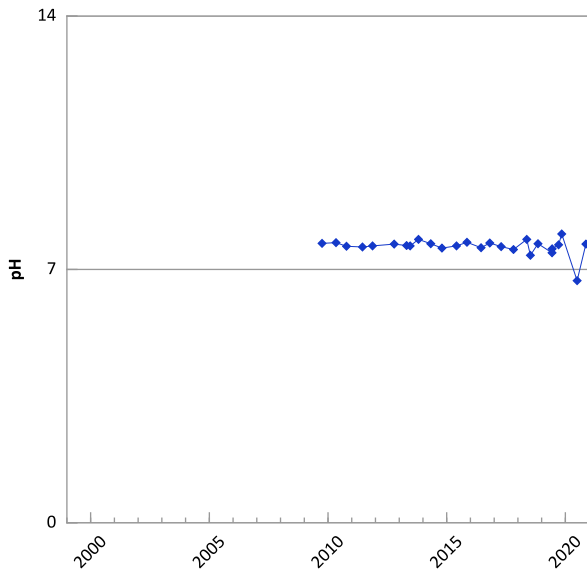
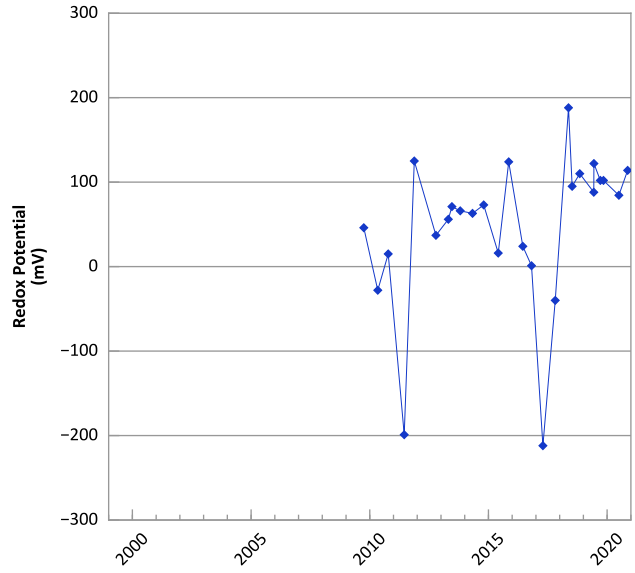
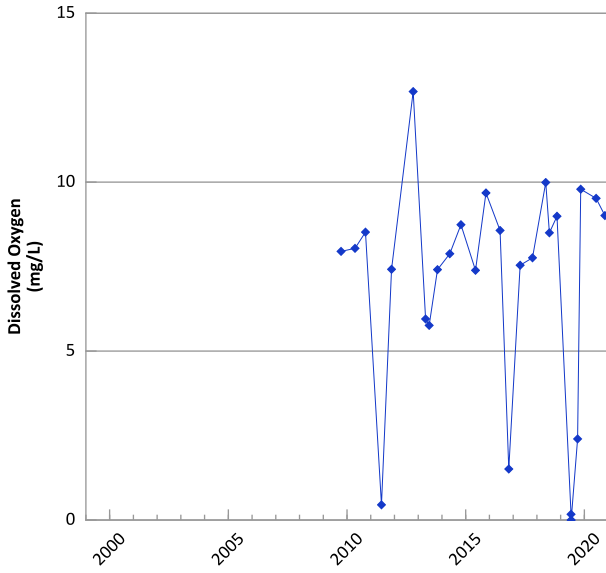
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/10/2009 to 10/19/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

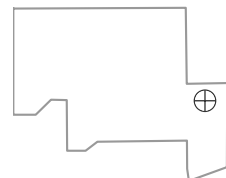


**PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



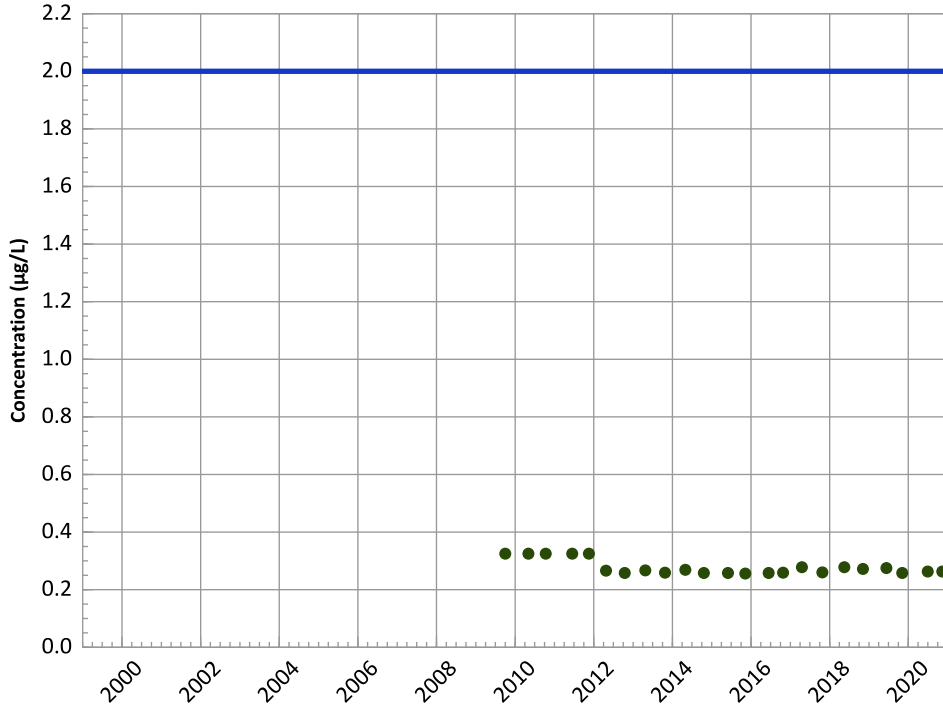
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/01/2009 to 11/12/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

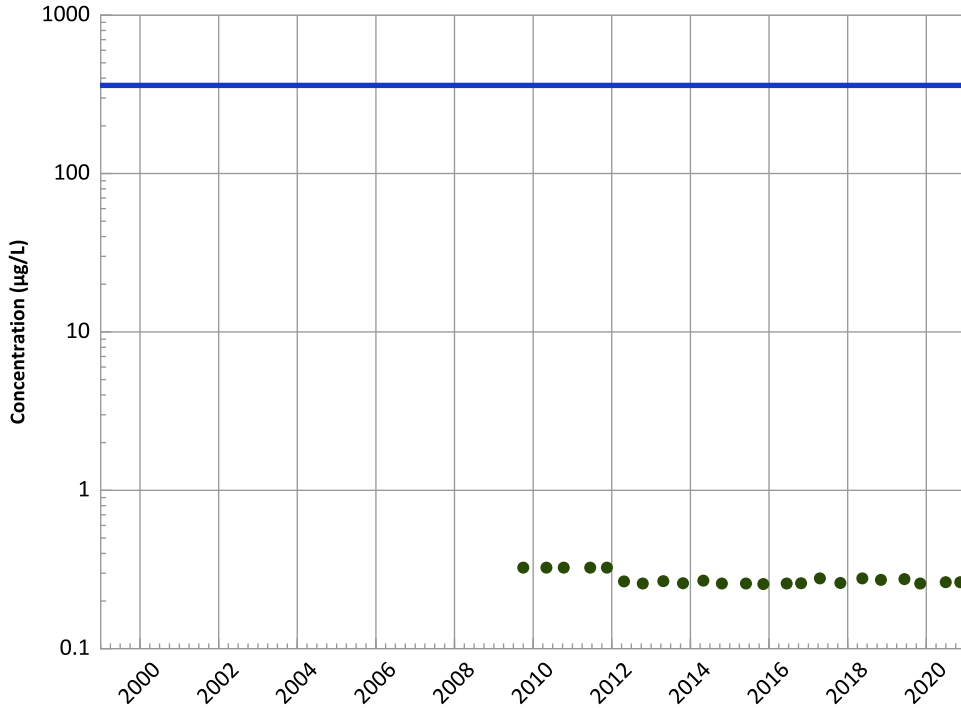
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

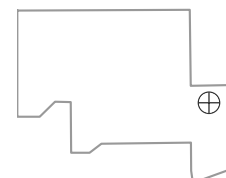
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

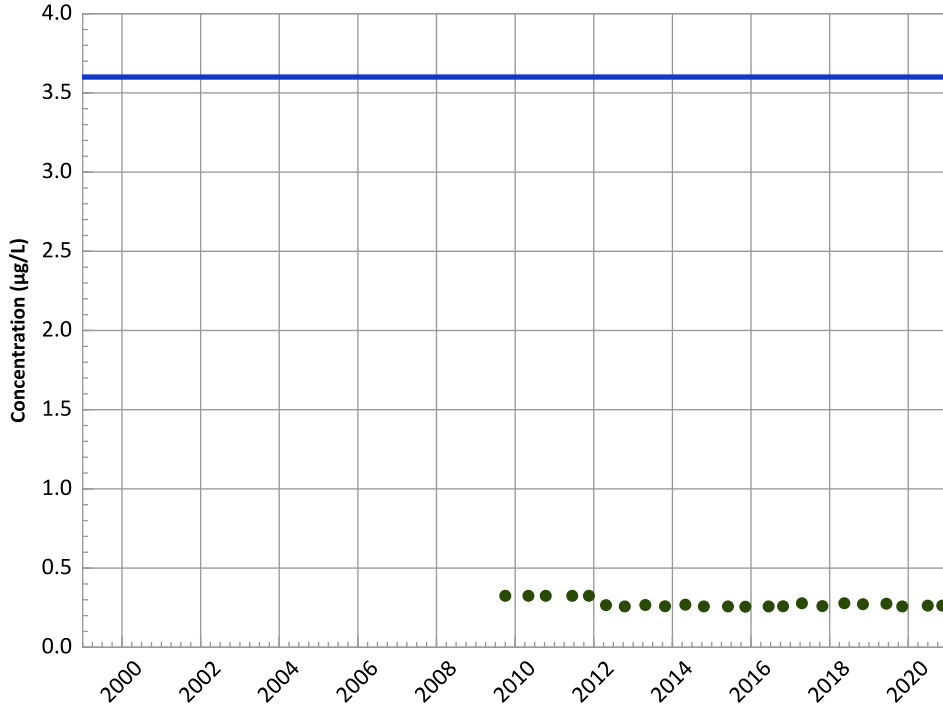


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

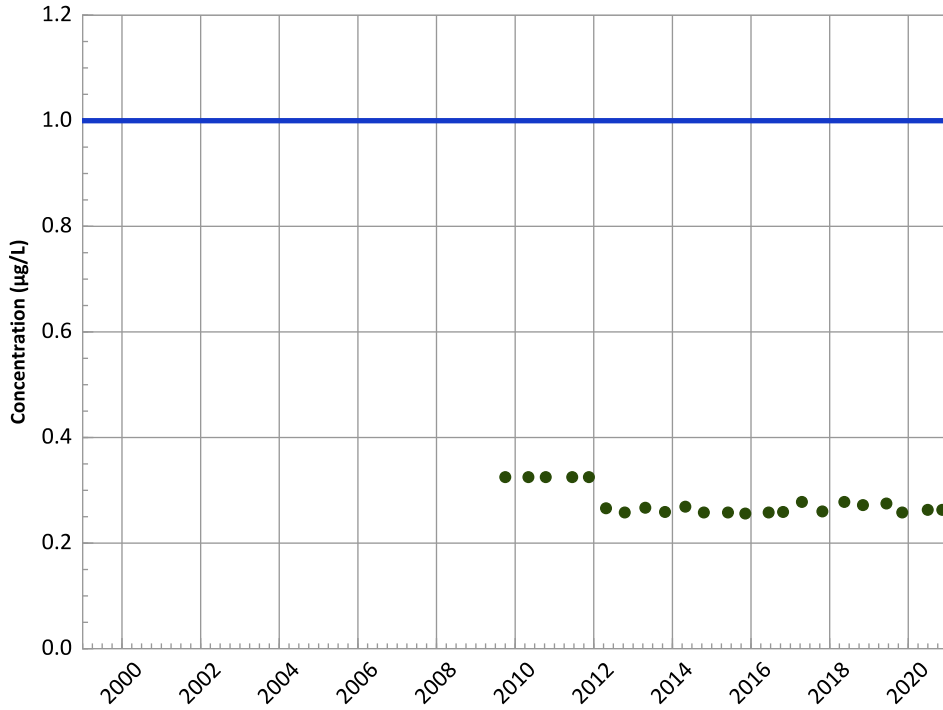
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

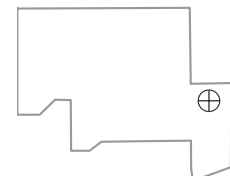
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

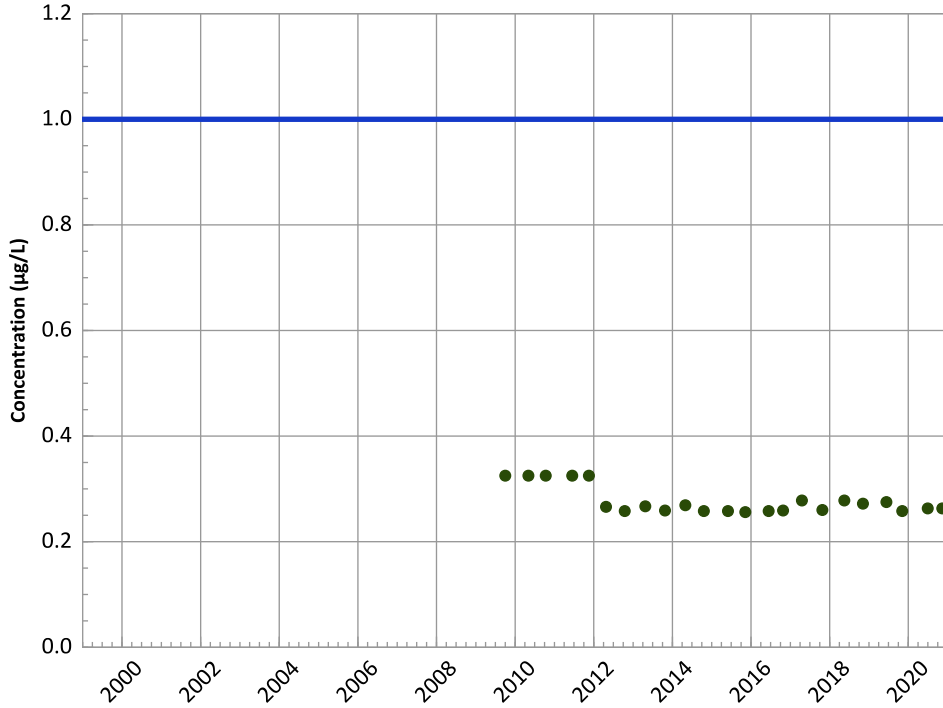


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

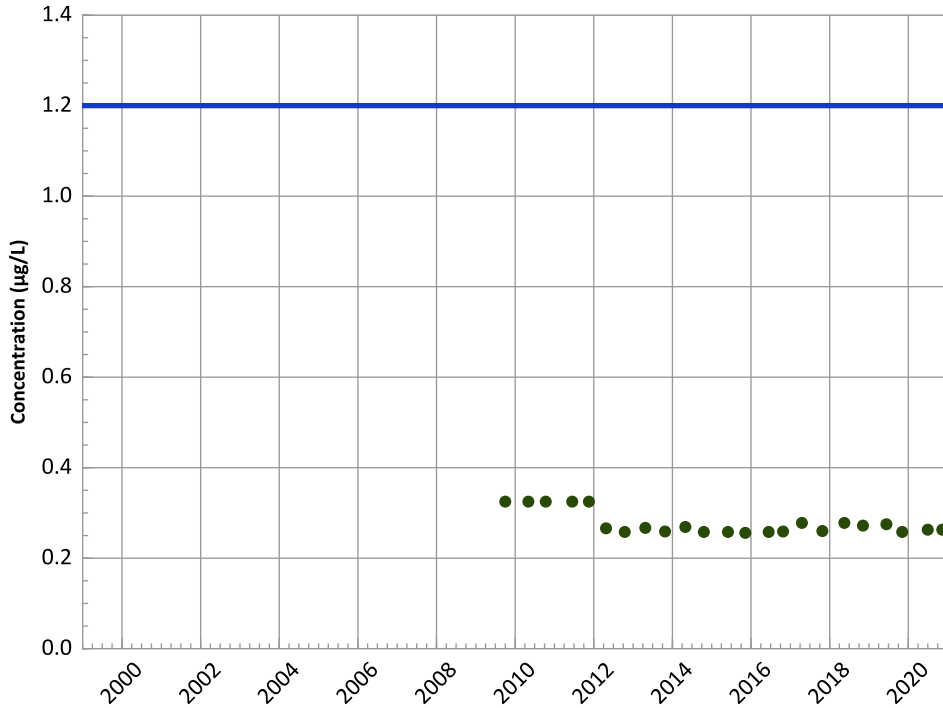
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

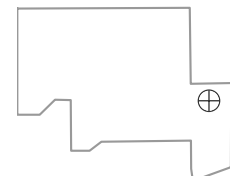
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

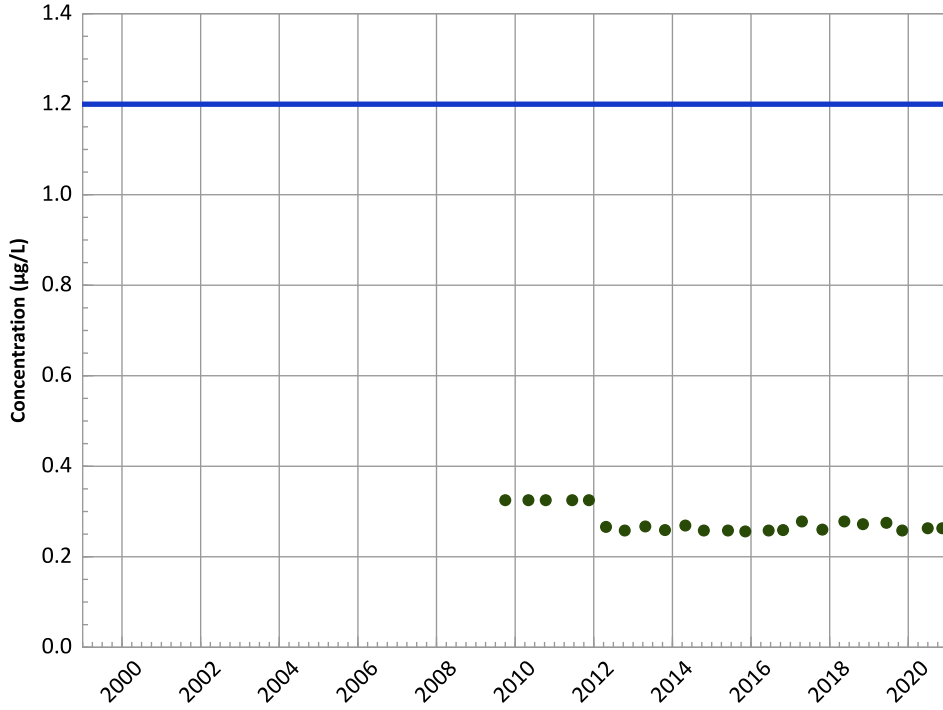


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

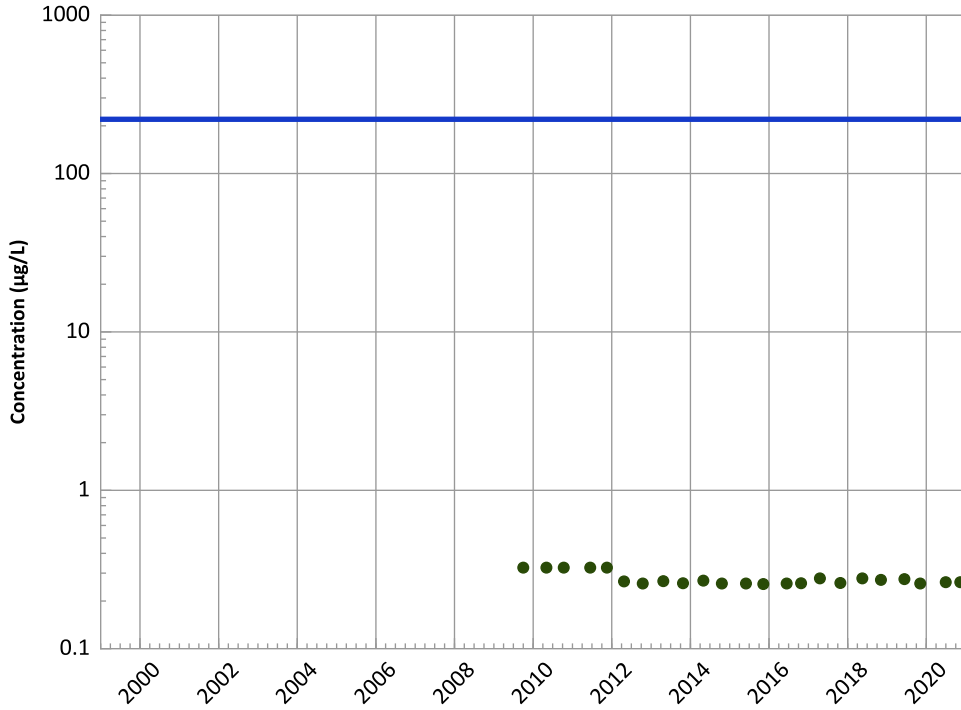
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

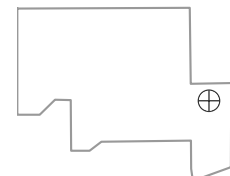
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

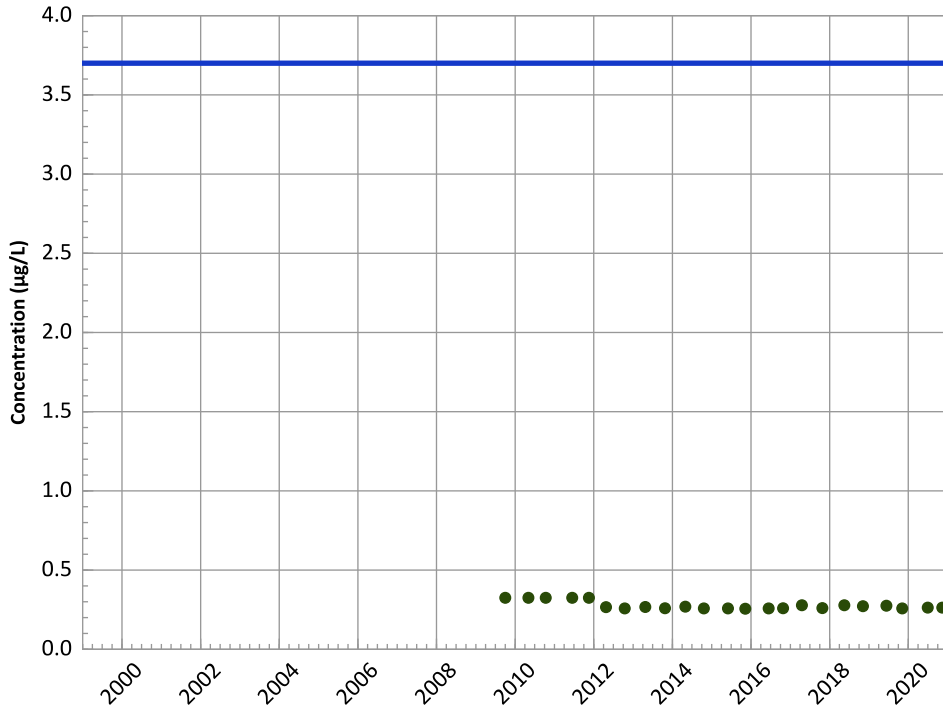


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

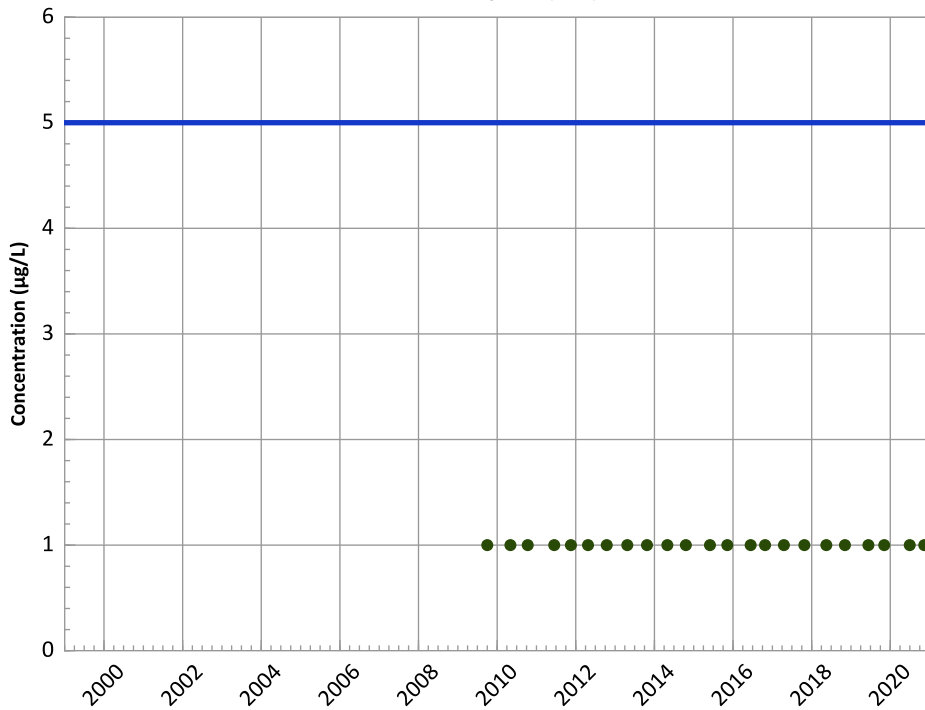
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

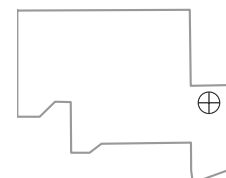
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

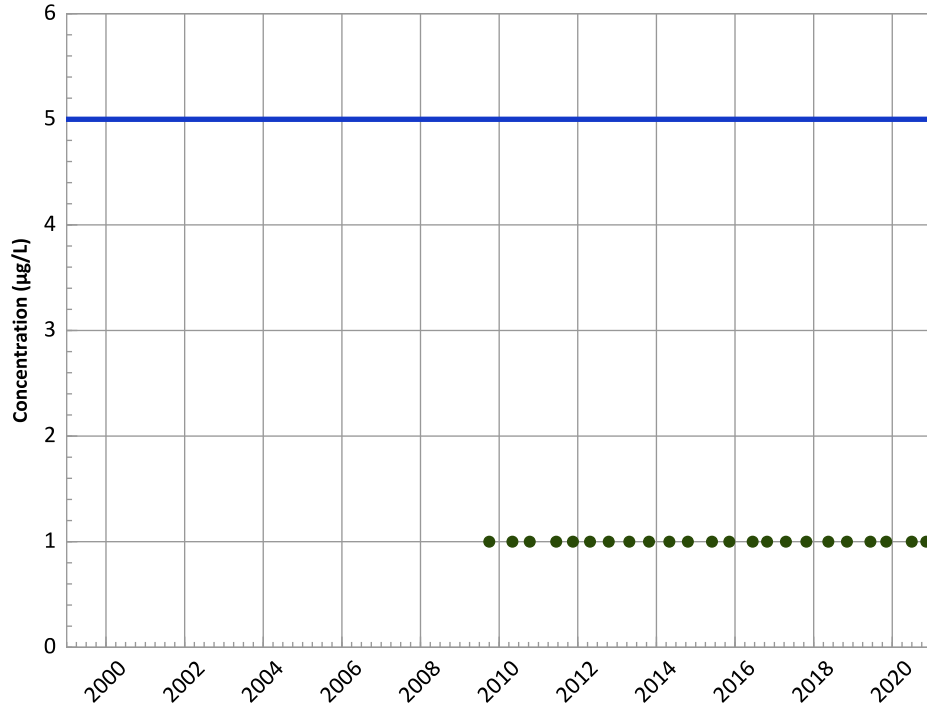


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

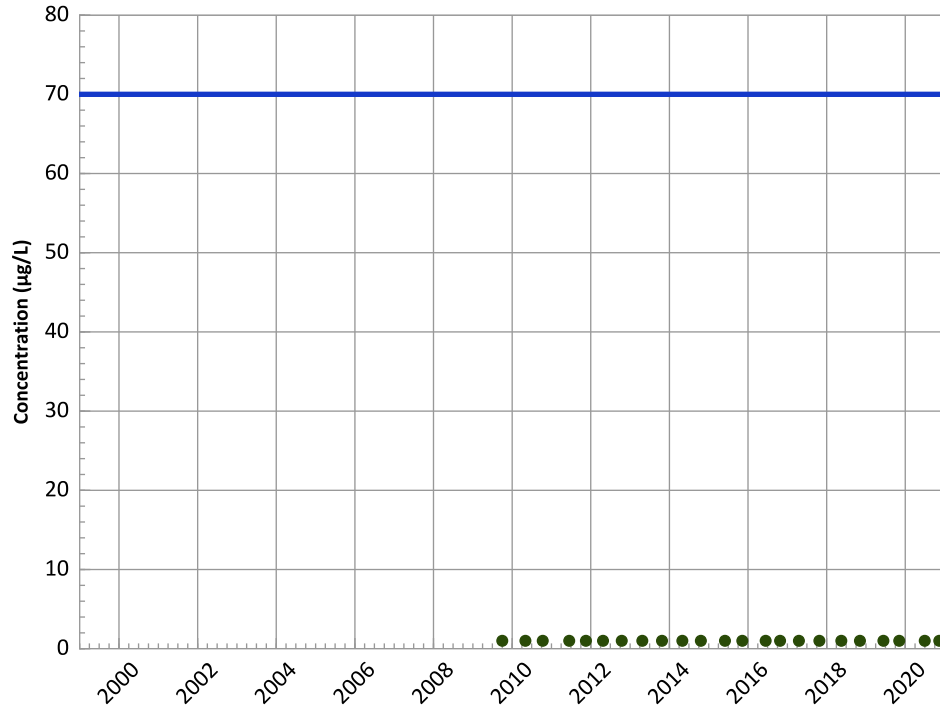
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

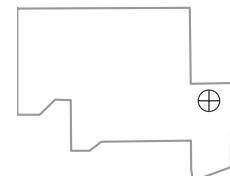
All Data:

All Non-Detect

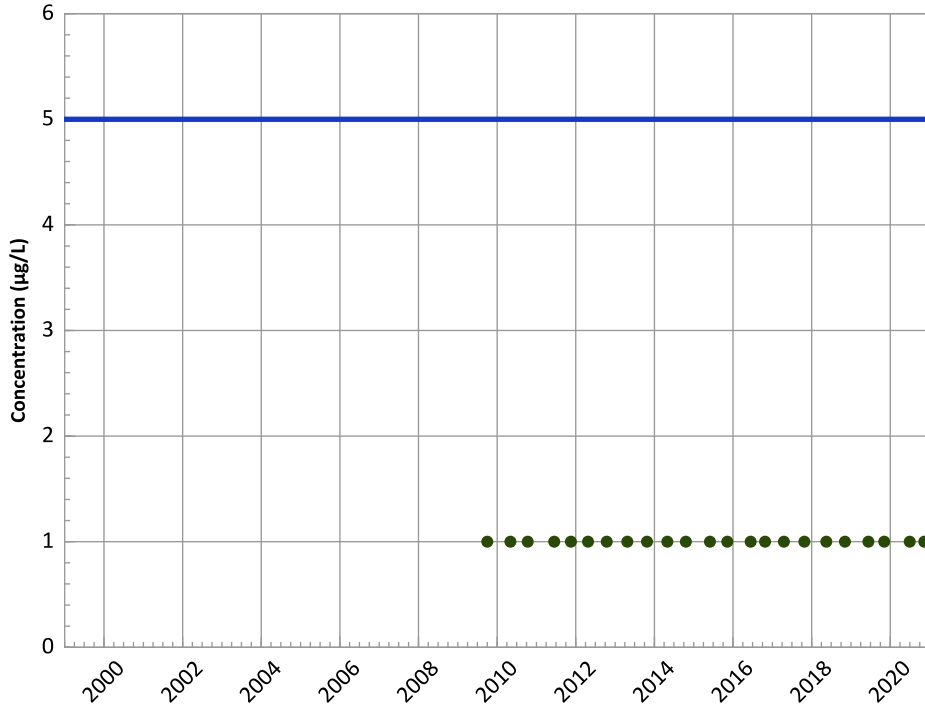
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

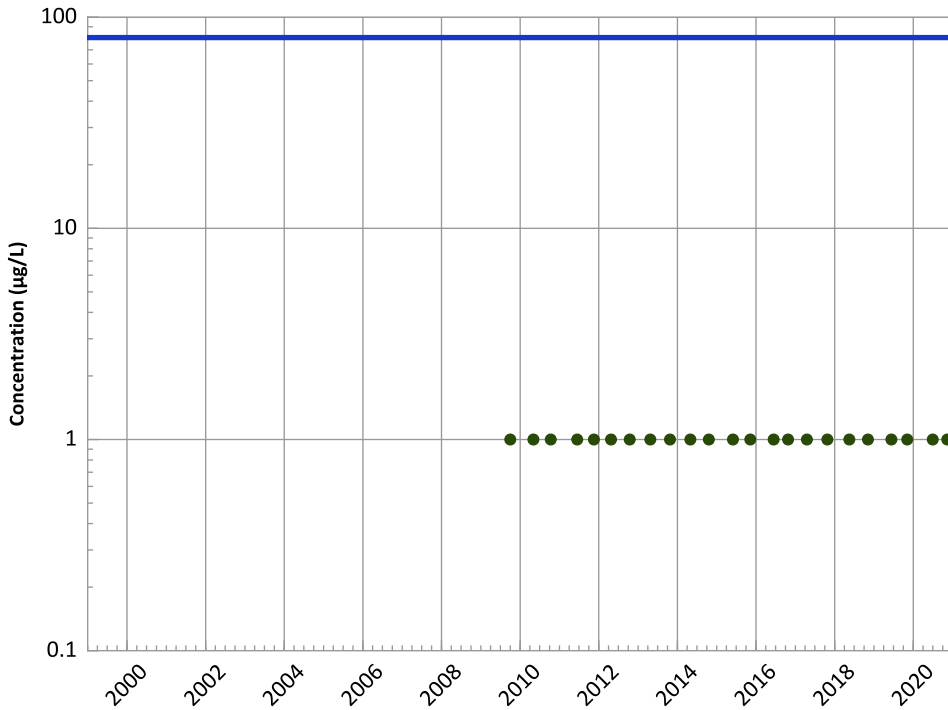
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Chloroform Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

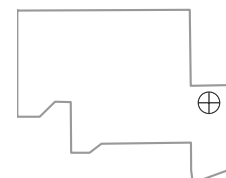
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

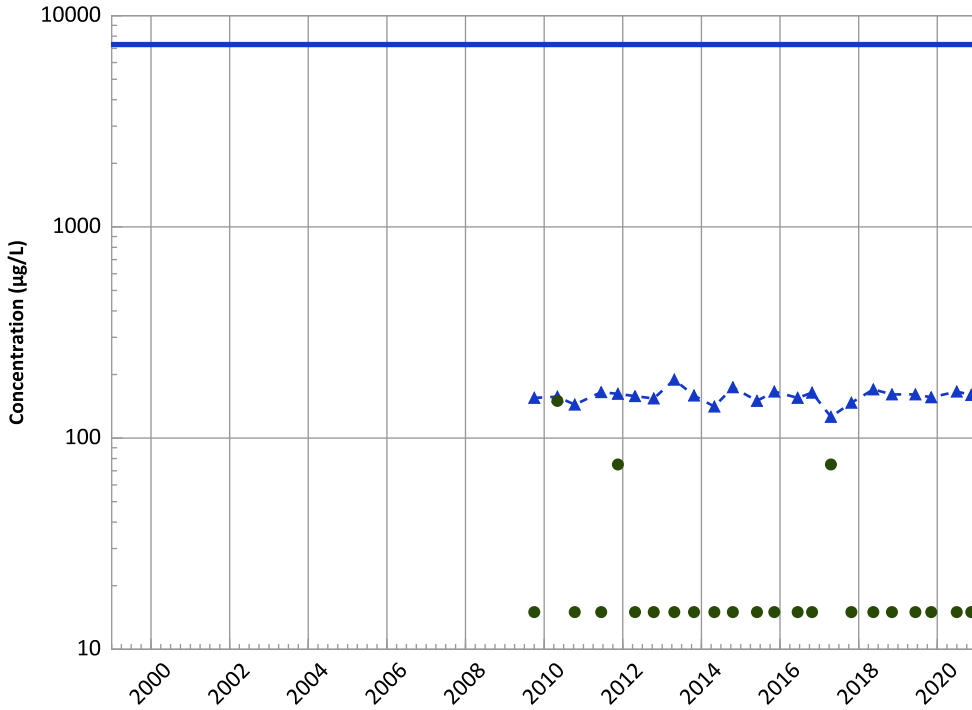
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

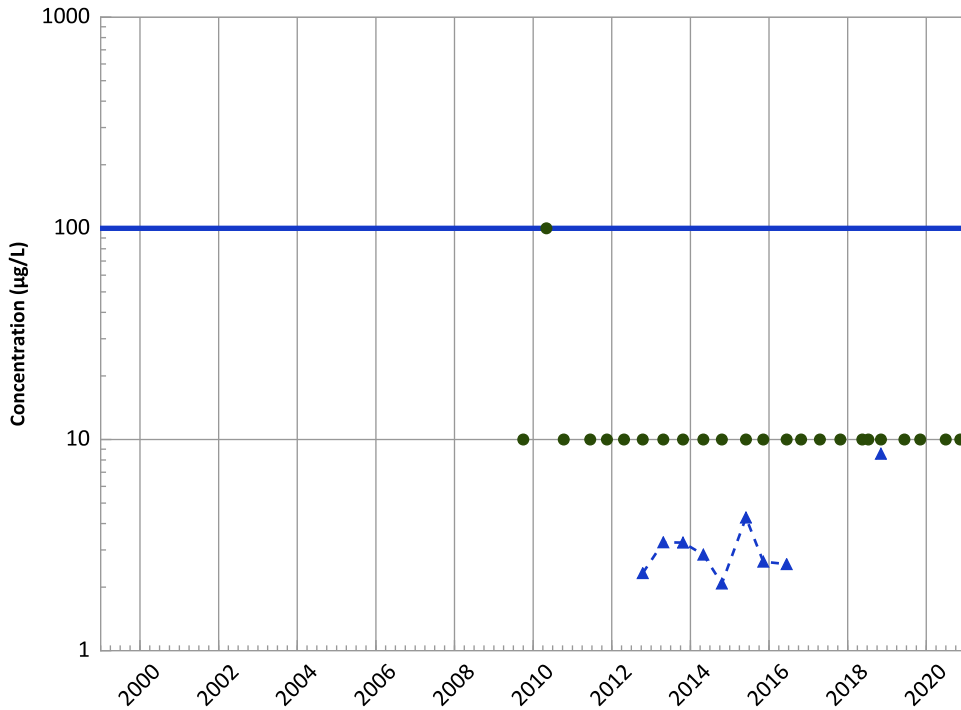
2018 - 2020 Data:

No Trend

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

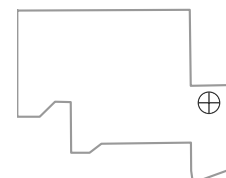
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

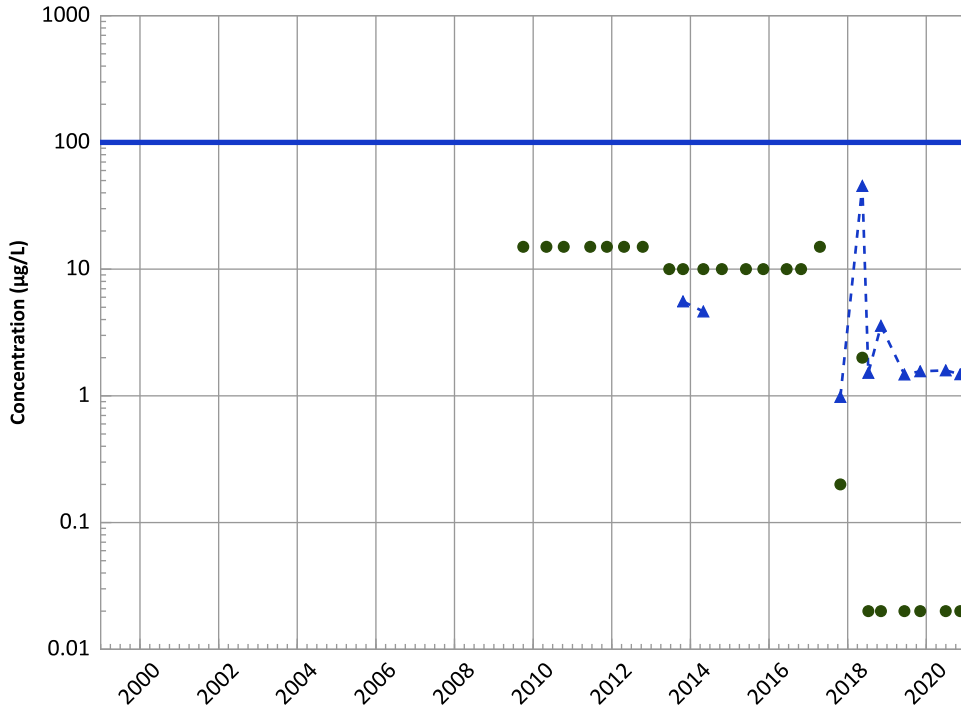
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chromium, Hexavalent Trend**

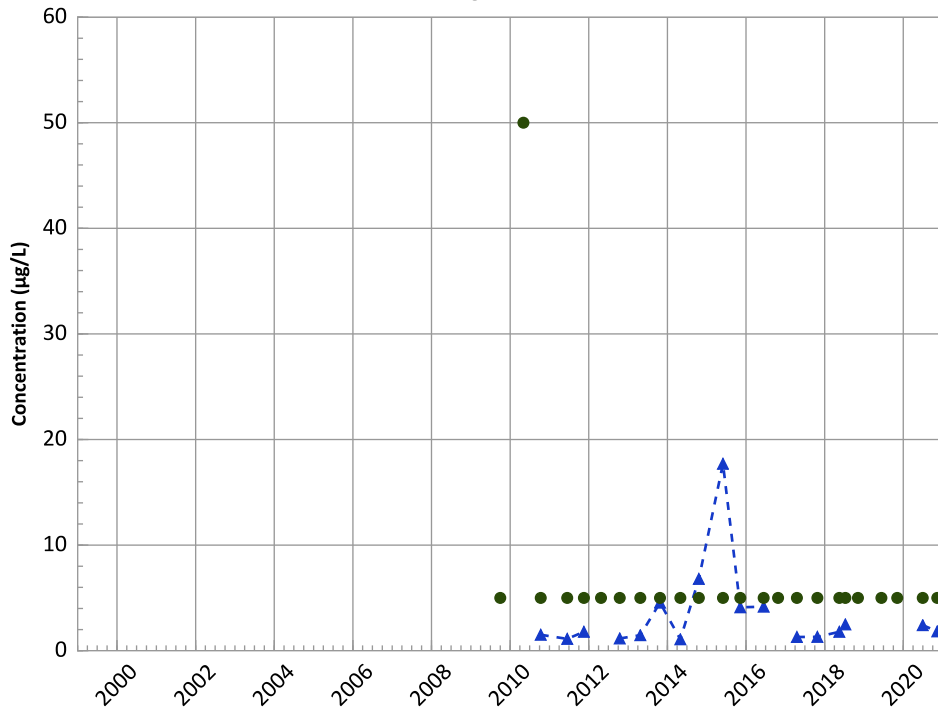


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
No Trend

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Well Location

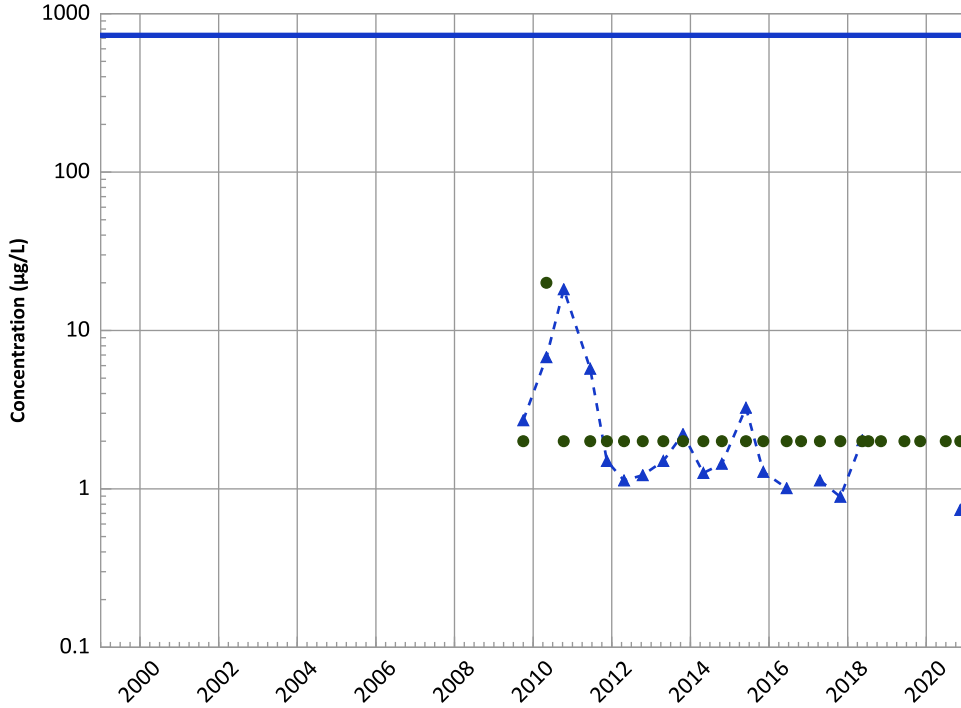


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

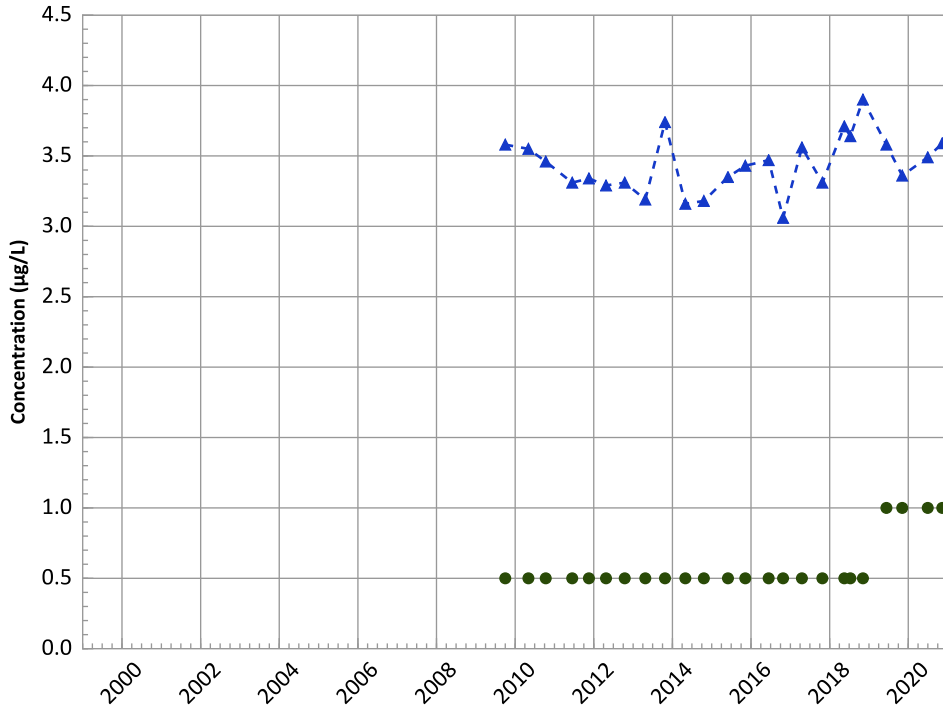


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Molybdenum Trend

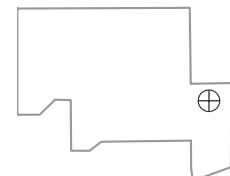


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Increasing

Well Location

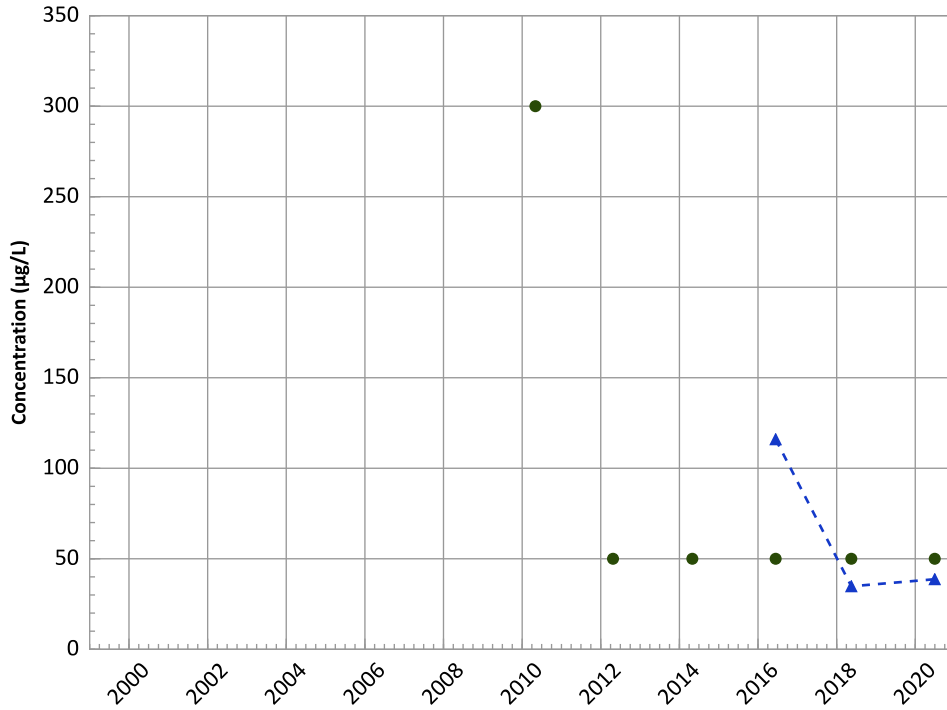


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

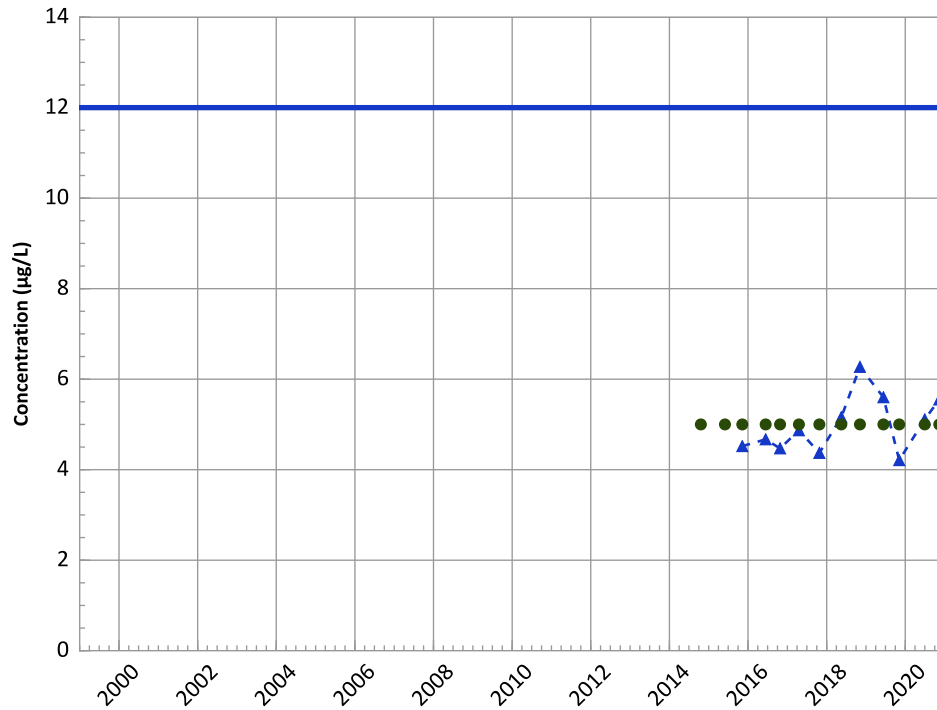


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend

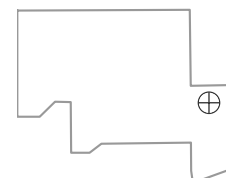


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Well Location

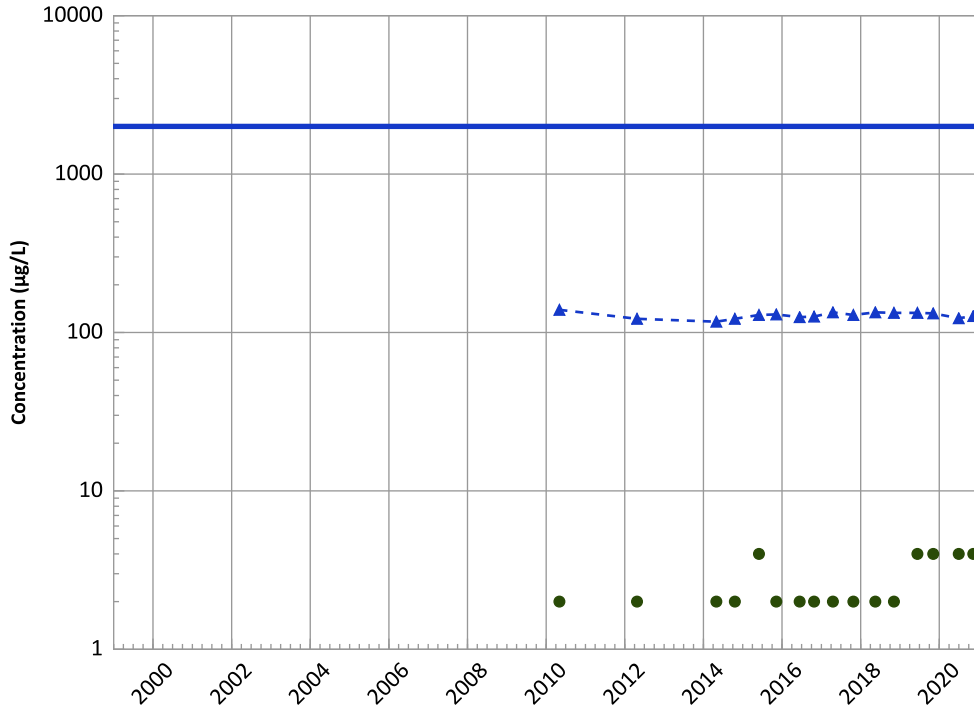


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

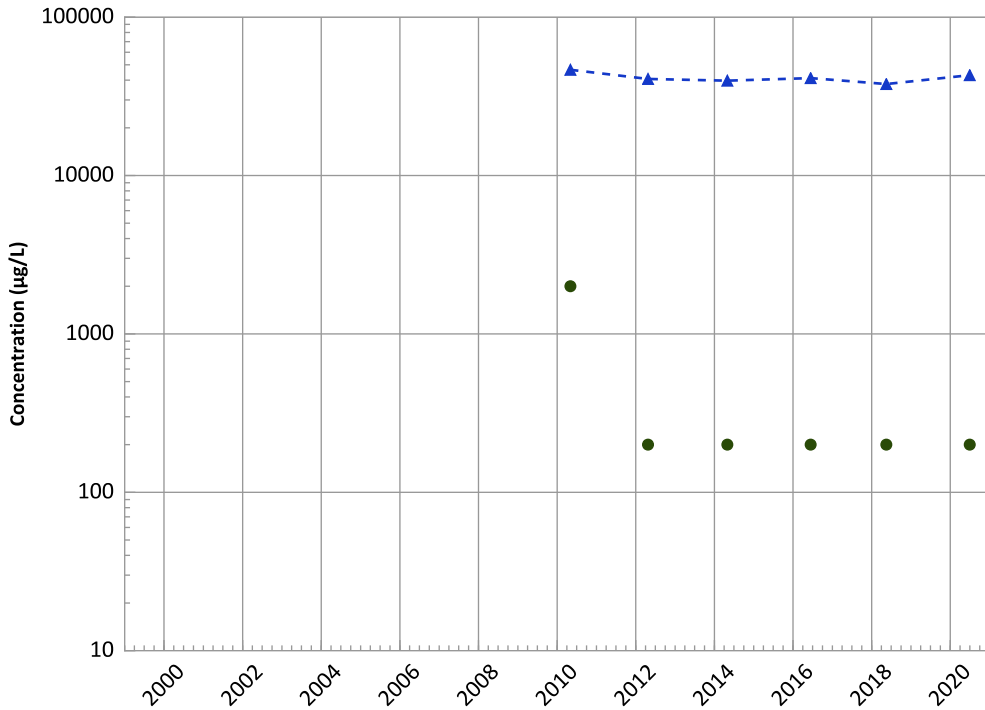
2018 - 2020 Data:

Probably Decreasing

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

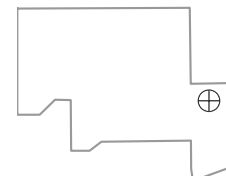
2018 - 2020 Data:

No Trend

All Data:

Stable

Well Location

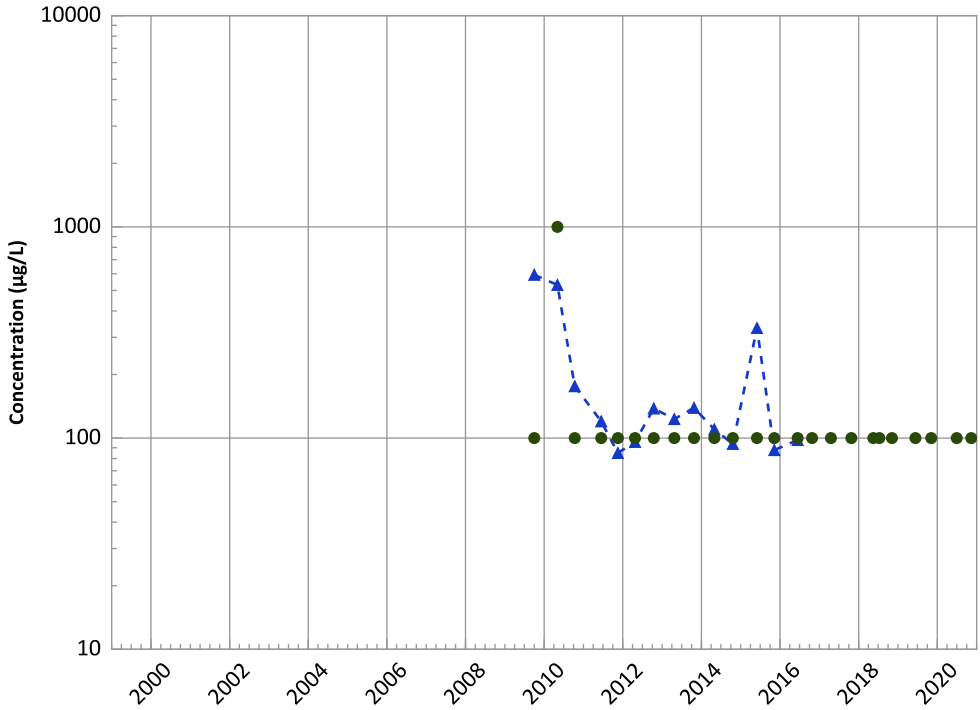


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

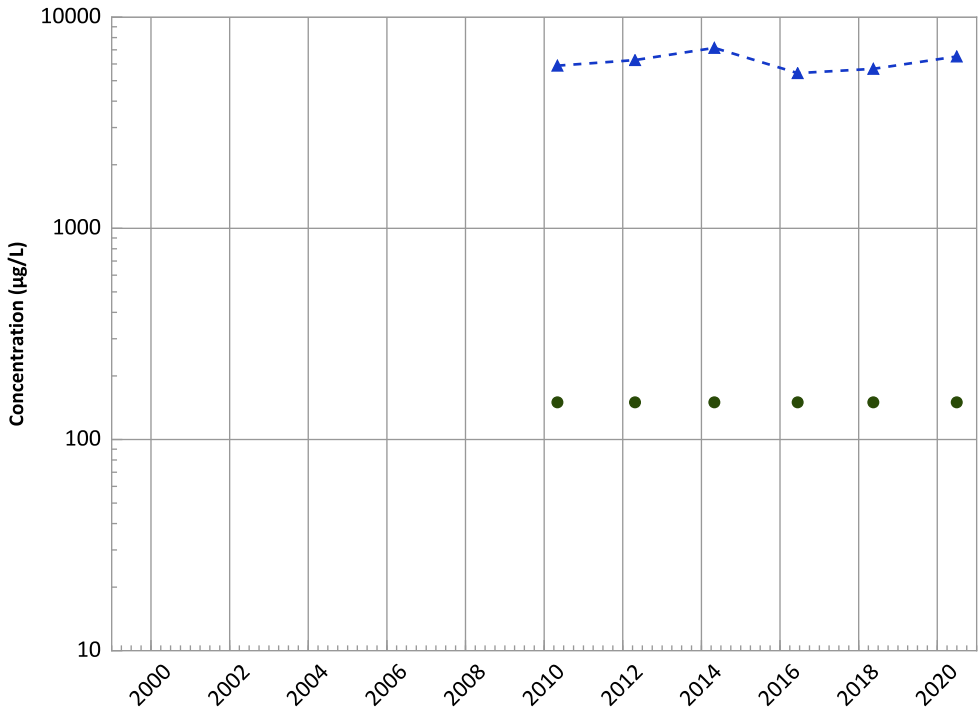
2018 - 2020 Data:

Stable

All Data:

Decreasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

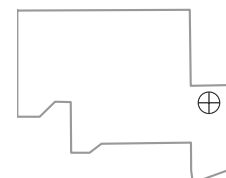
2018 - 2020 Data:

Stable

All Data:

Decreasing

Well Location

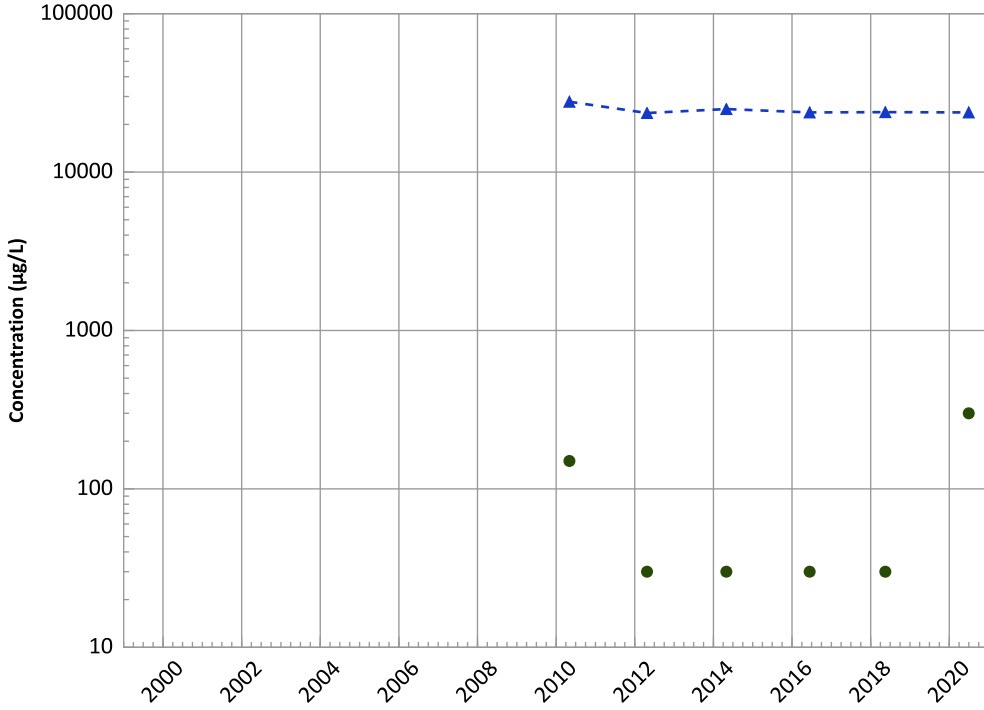


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

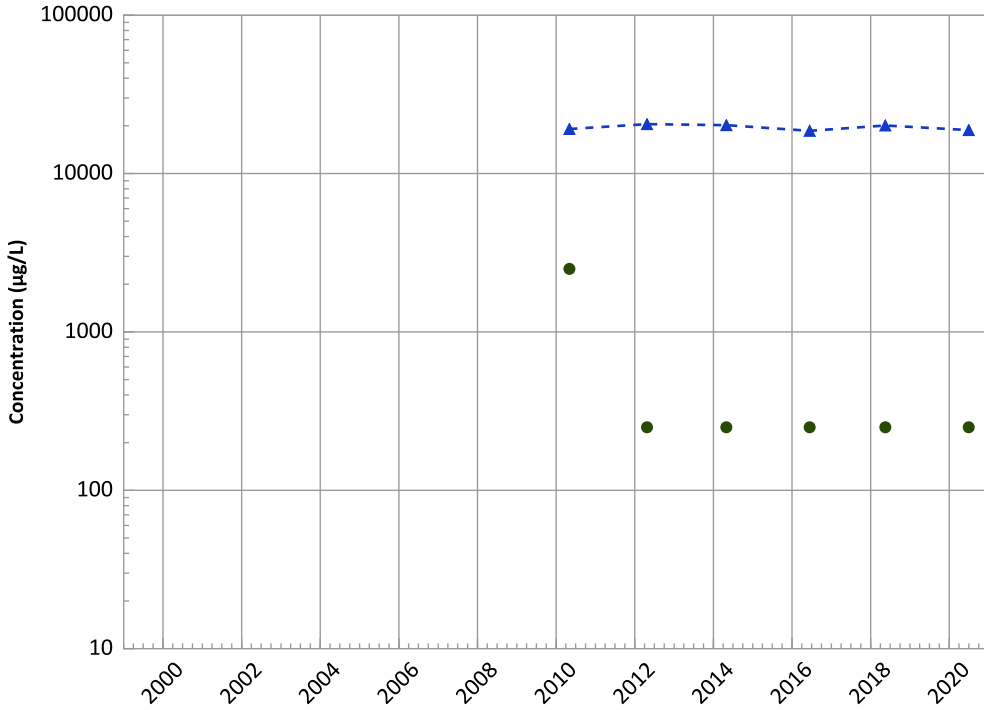
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

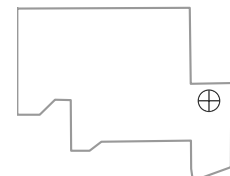
2018 - 2020 Data:

Stable

All Data:

Decreasing

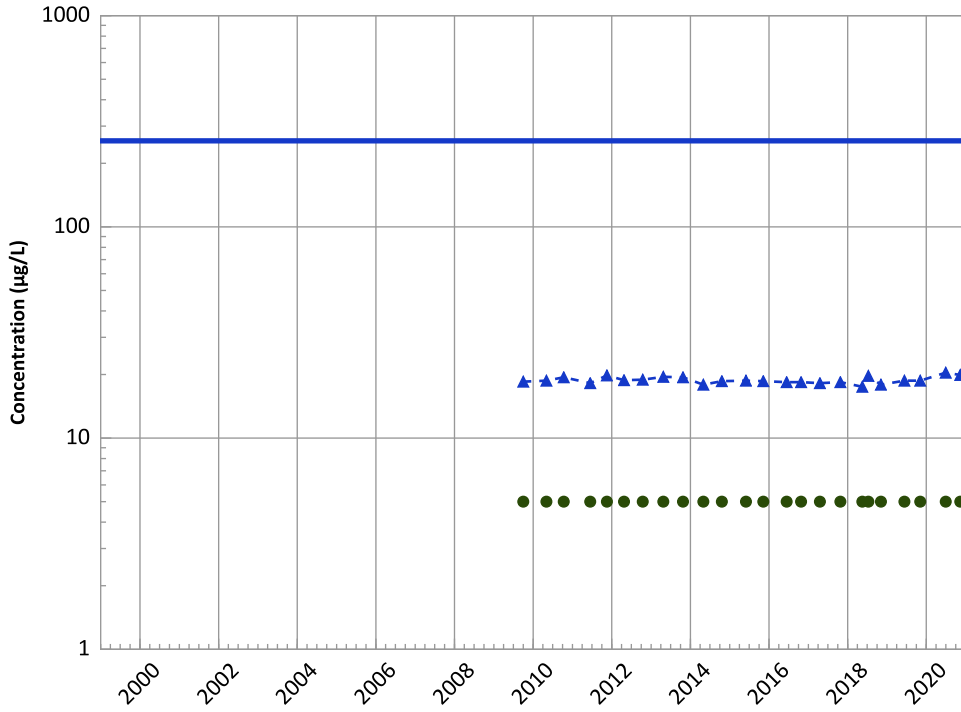
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/01/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**

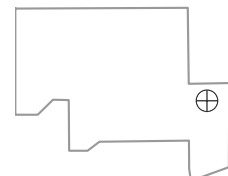


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Decreasing
MAROS Linear Regression Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Increasing

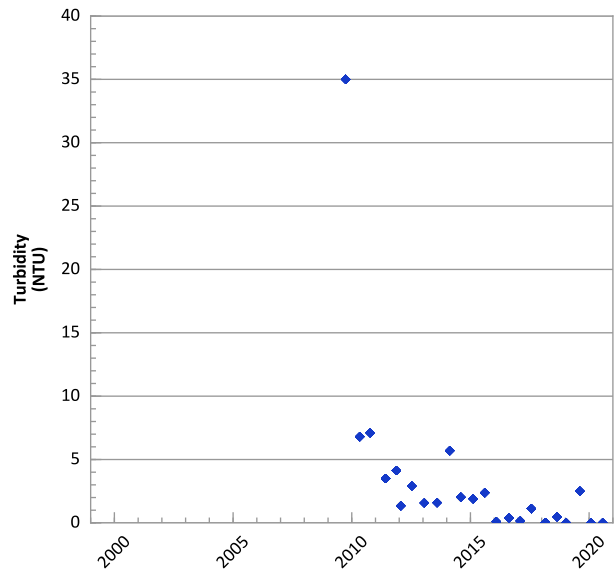
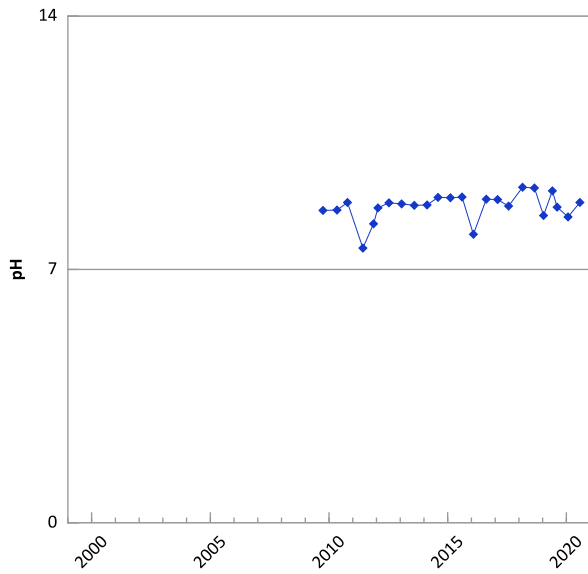
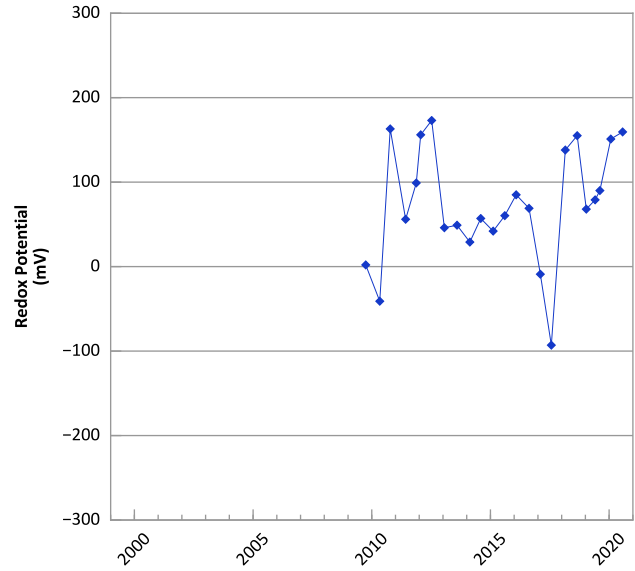
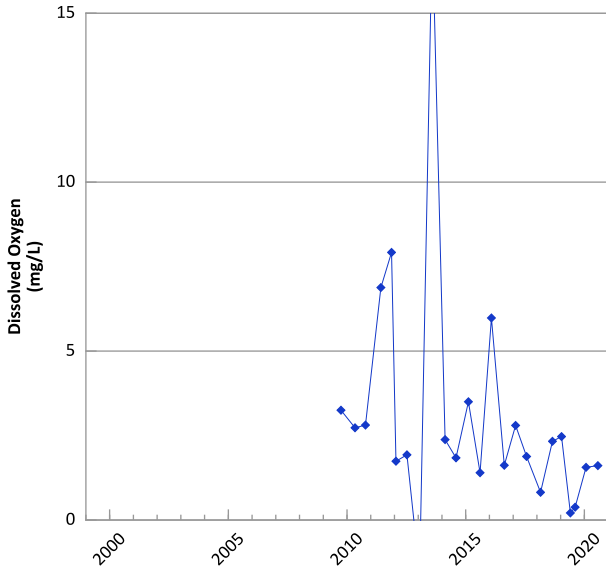
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/01/2009 to 11/12/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

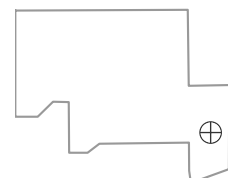


**PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



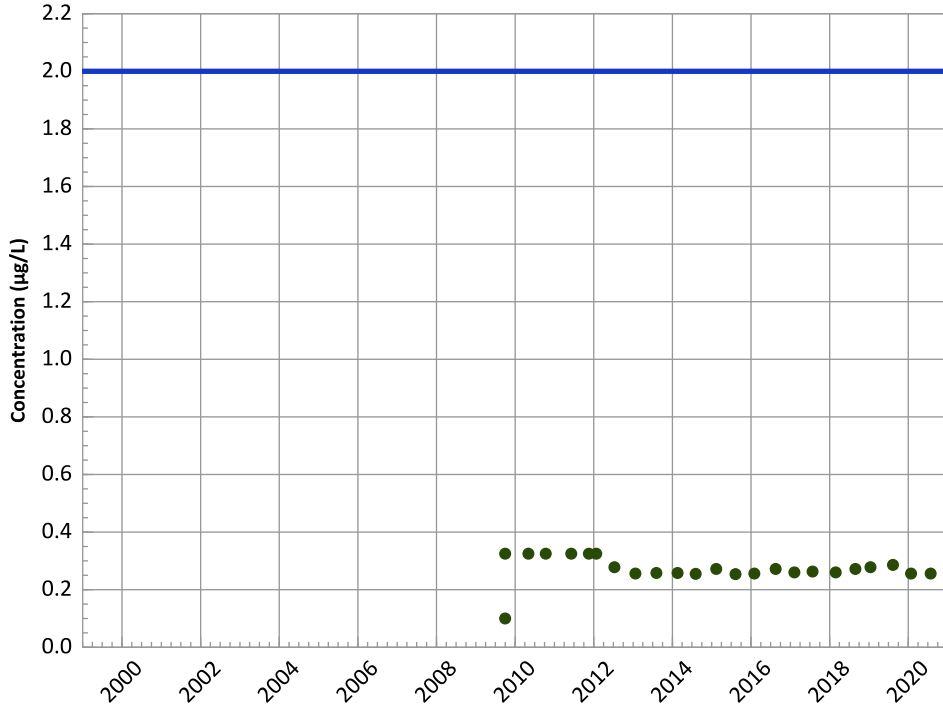
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/30/2009 to 07/27/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

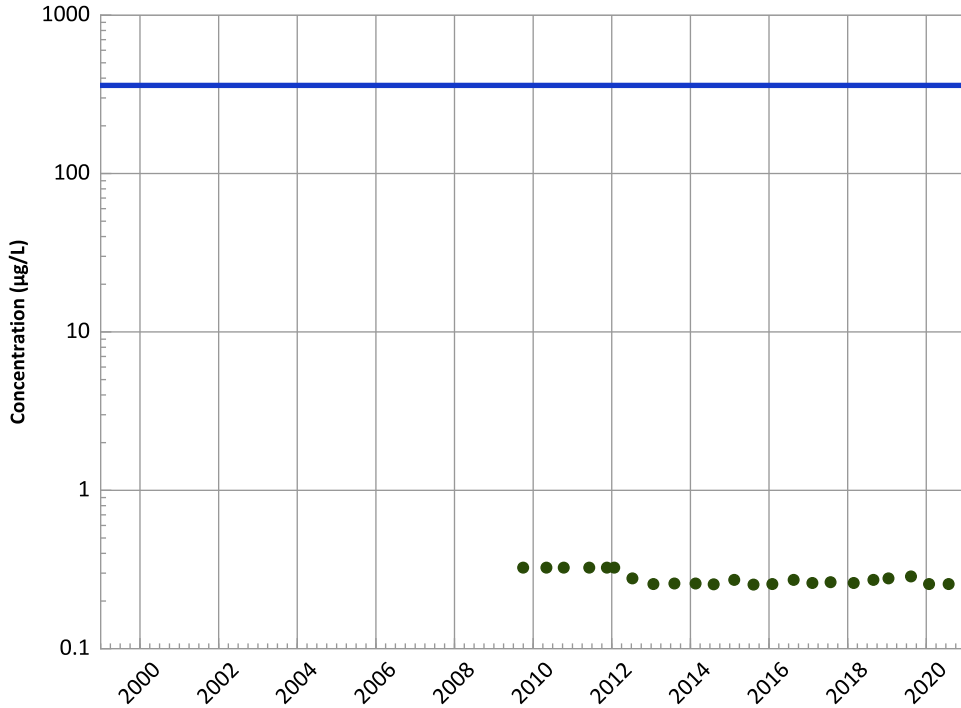
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

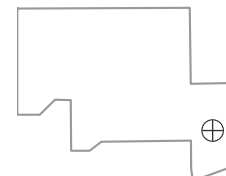
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

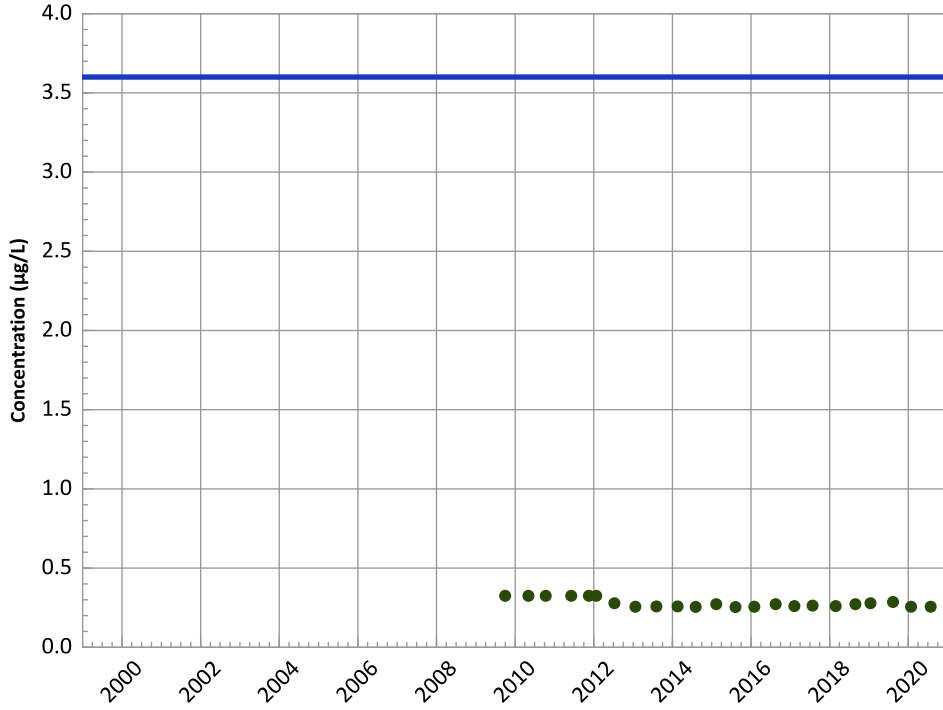
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

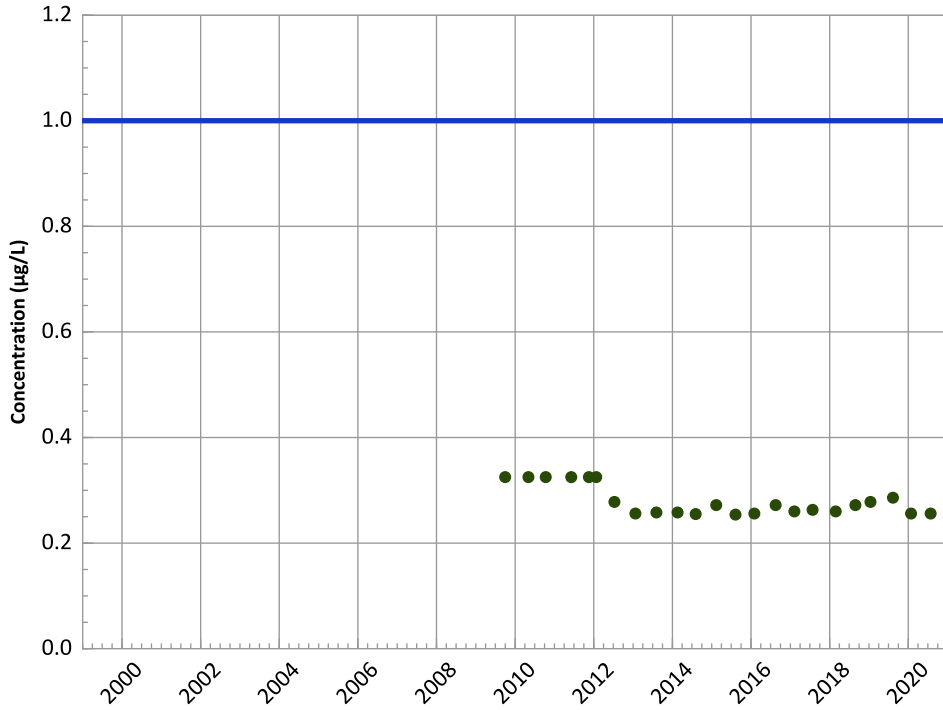
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

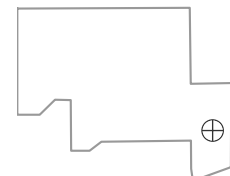
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

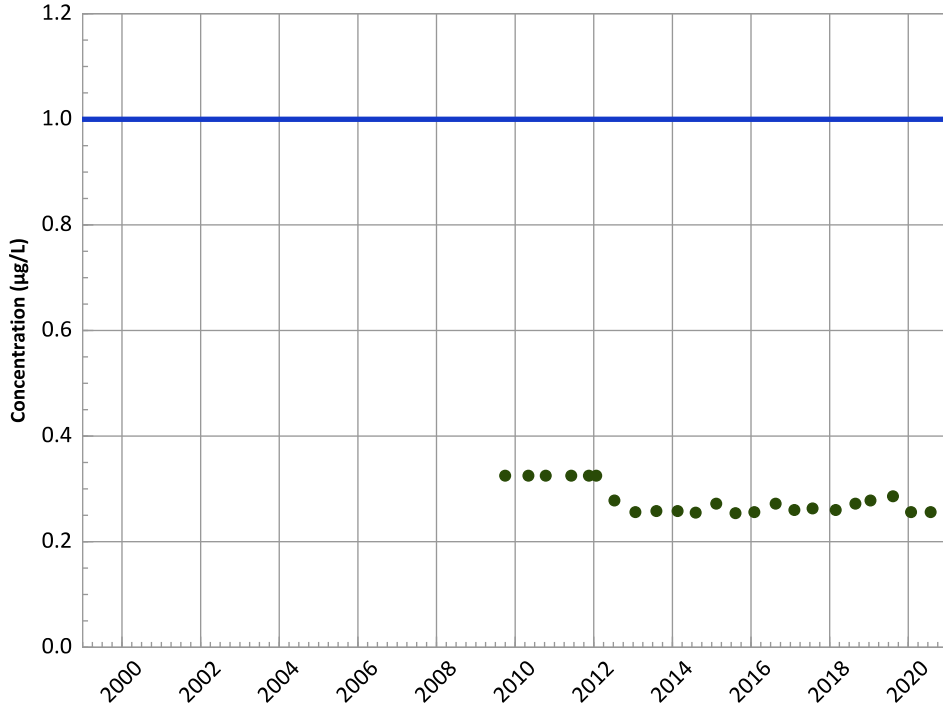


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

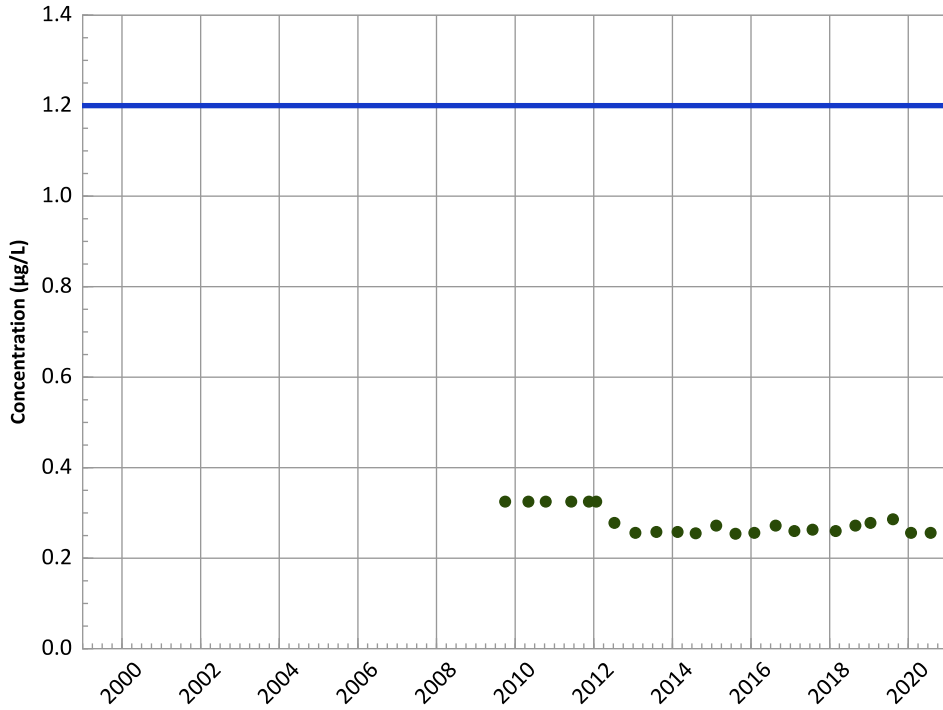
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

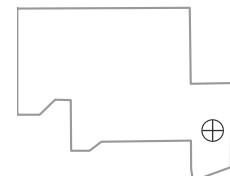
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

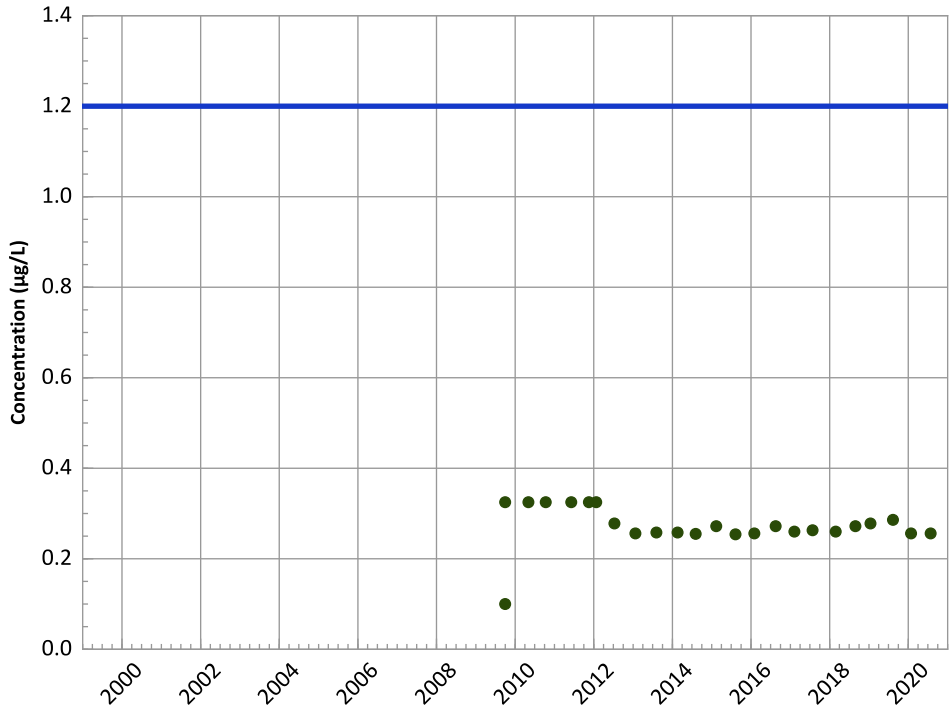


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

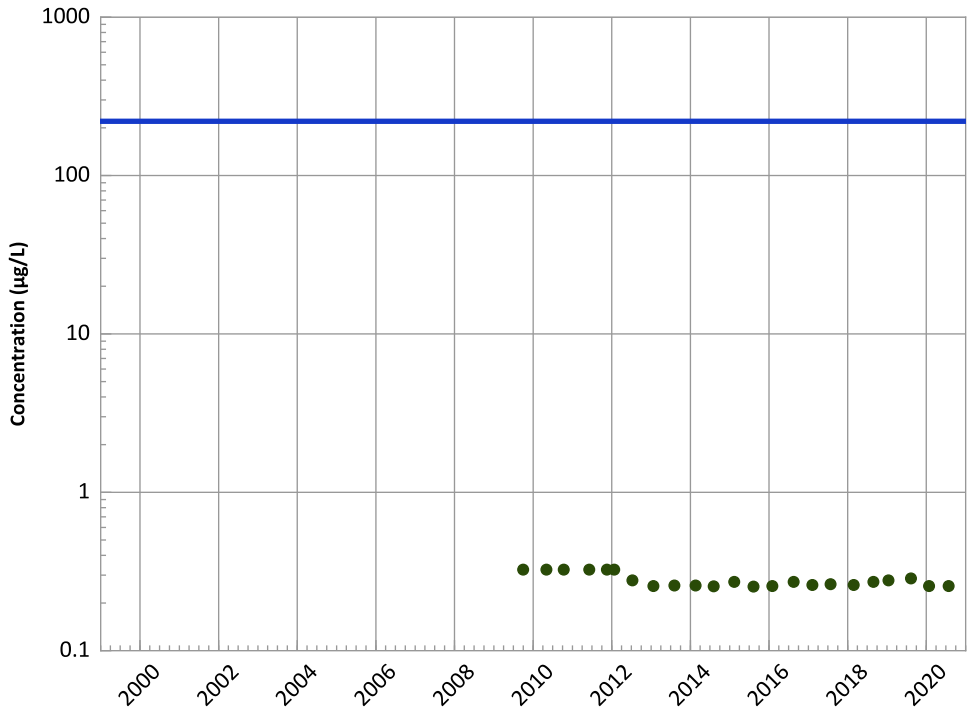
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

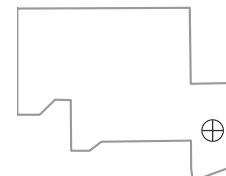
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

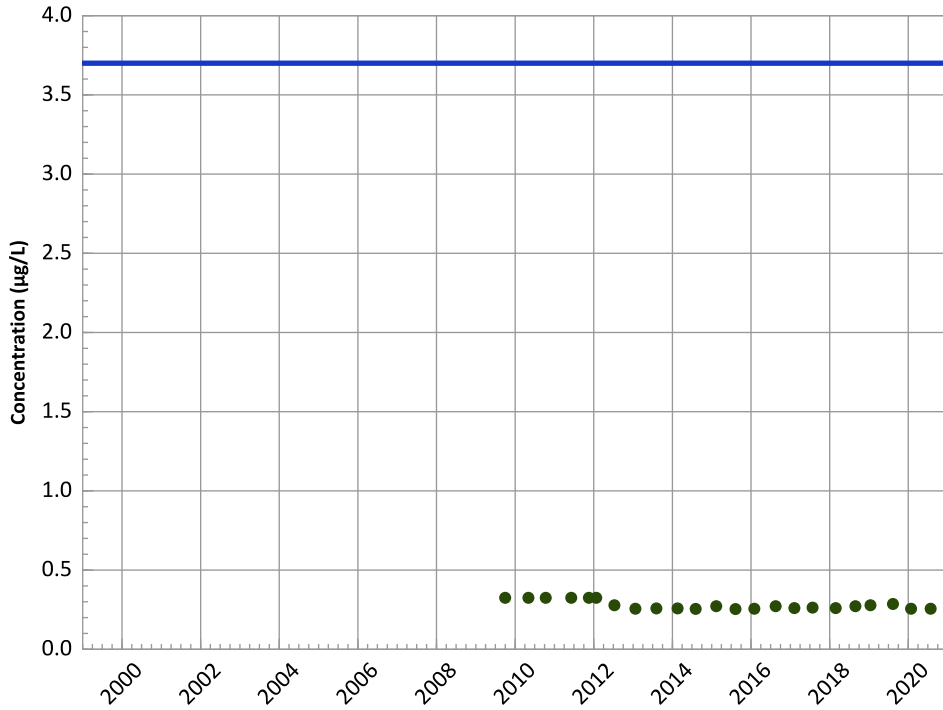
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

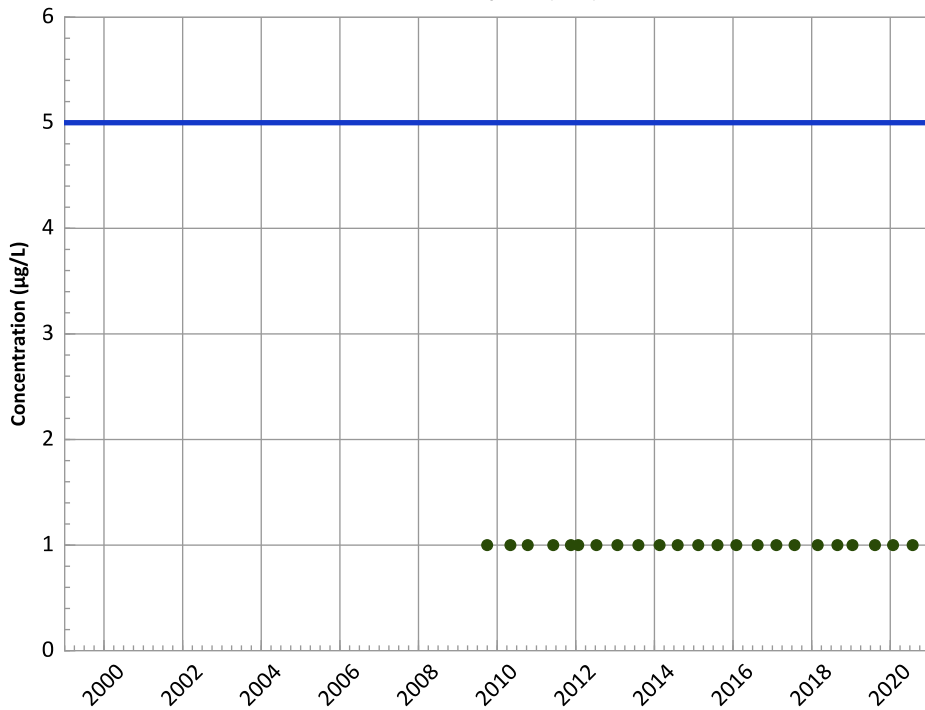
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

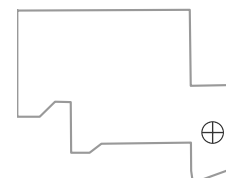
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

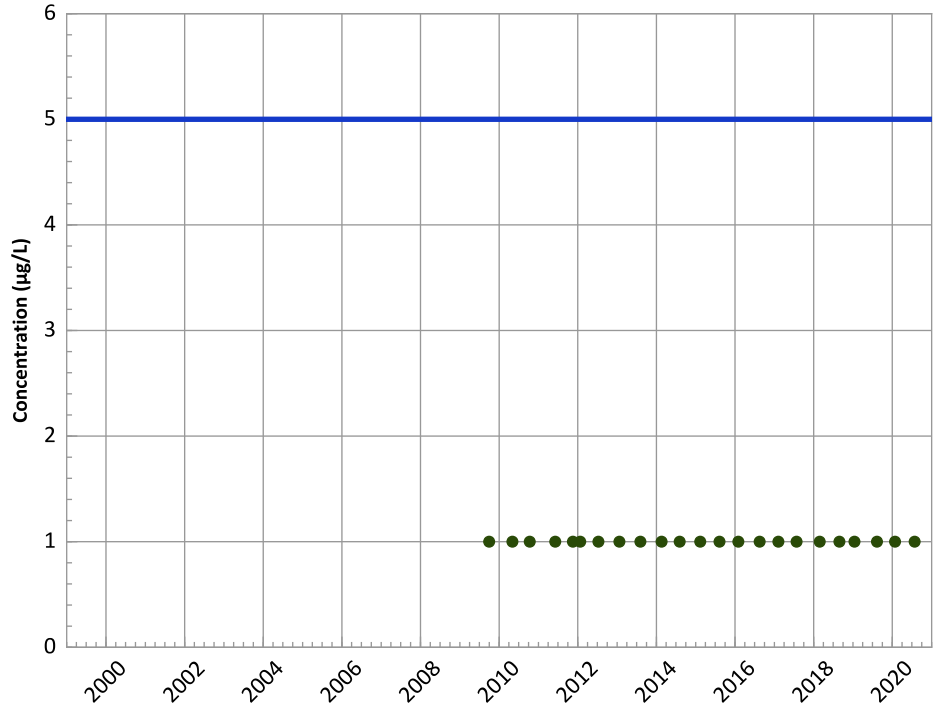
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

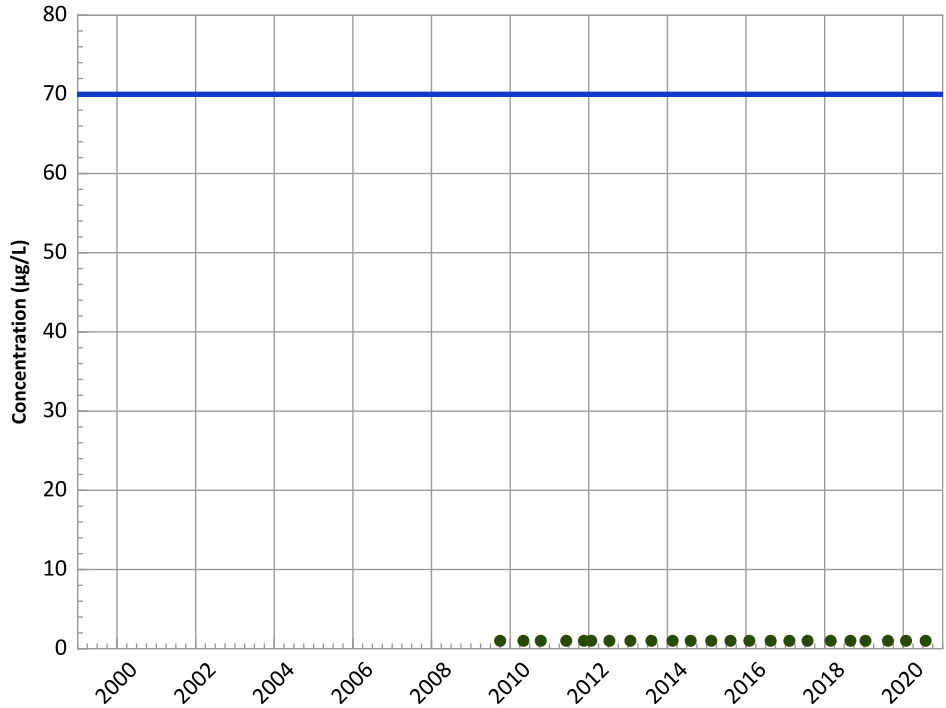
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

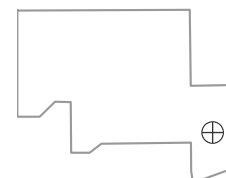
All Data:

All Non-Detect

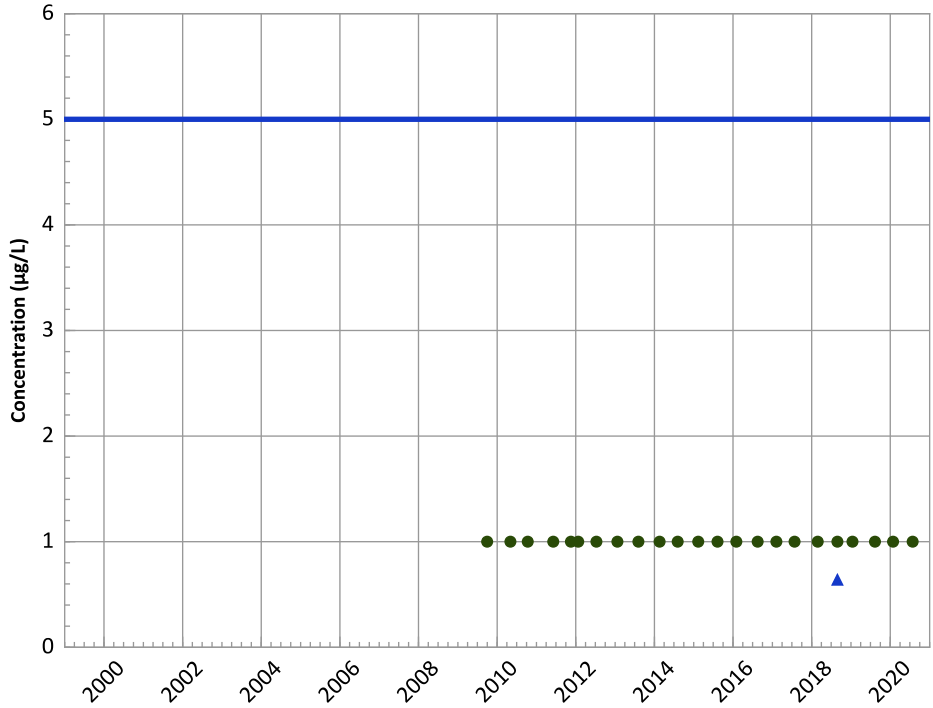
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

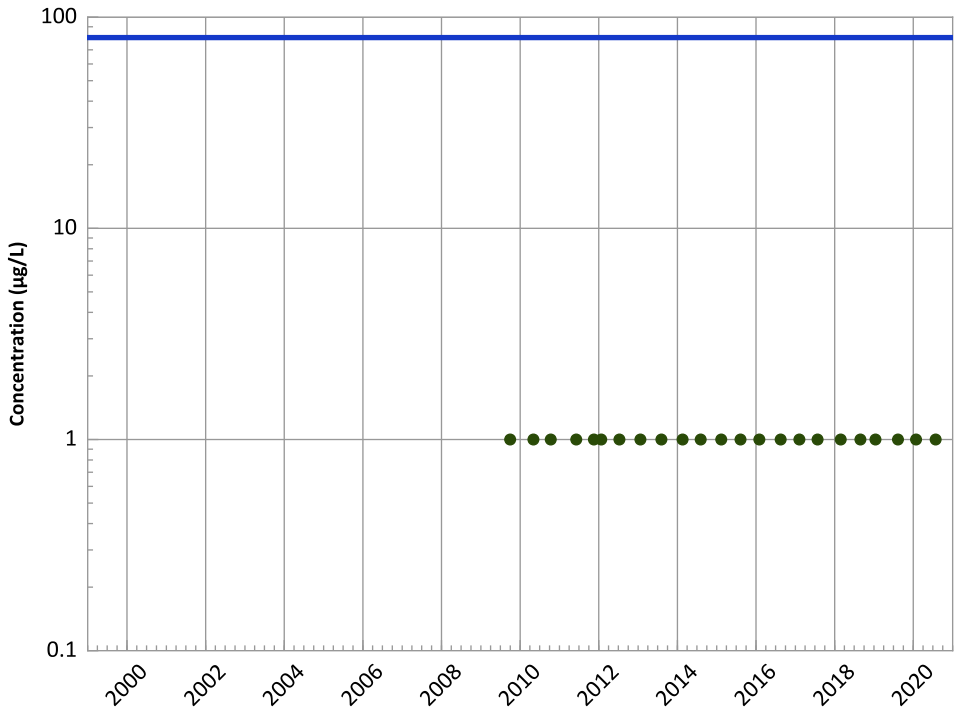
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

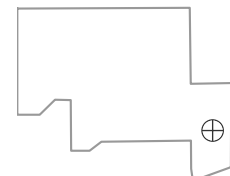
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

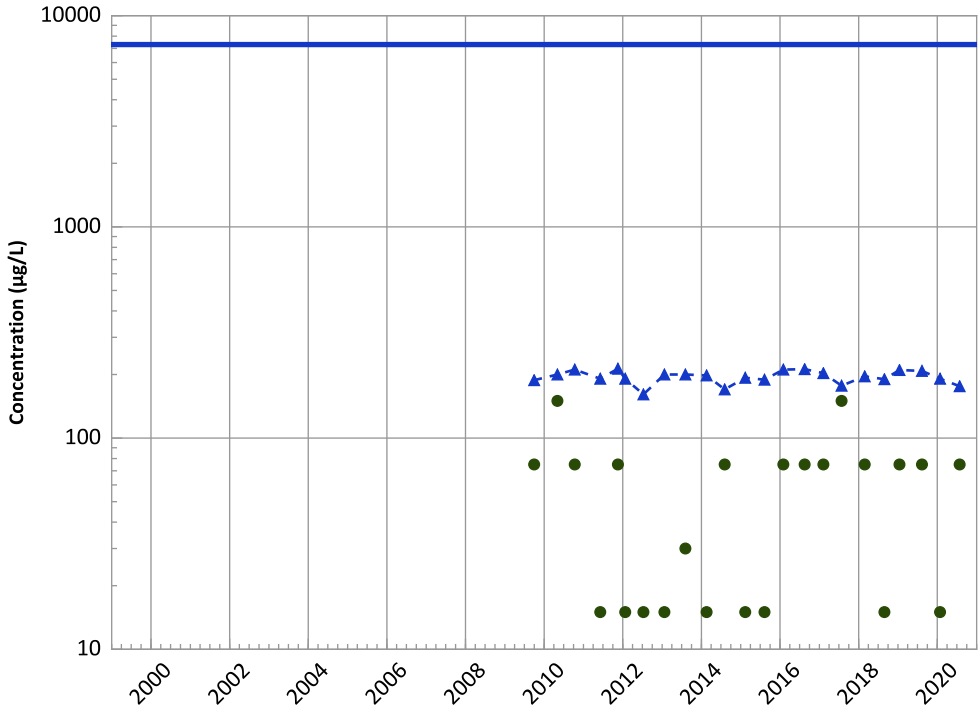
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
Decreasing

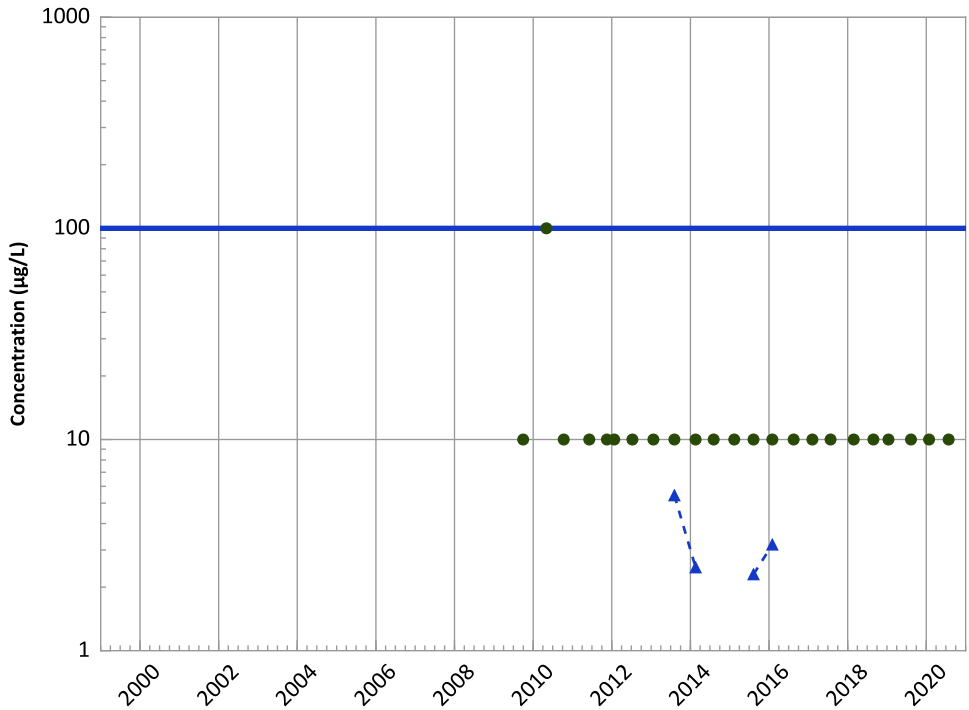
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Decreasing

All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

All Data:
Decreasing

MAROS Linear Regression Method

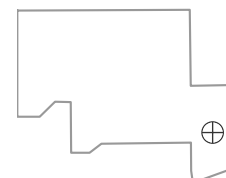
2018 - 2020 Data:
Stable

All Data:
Stable

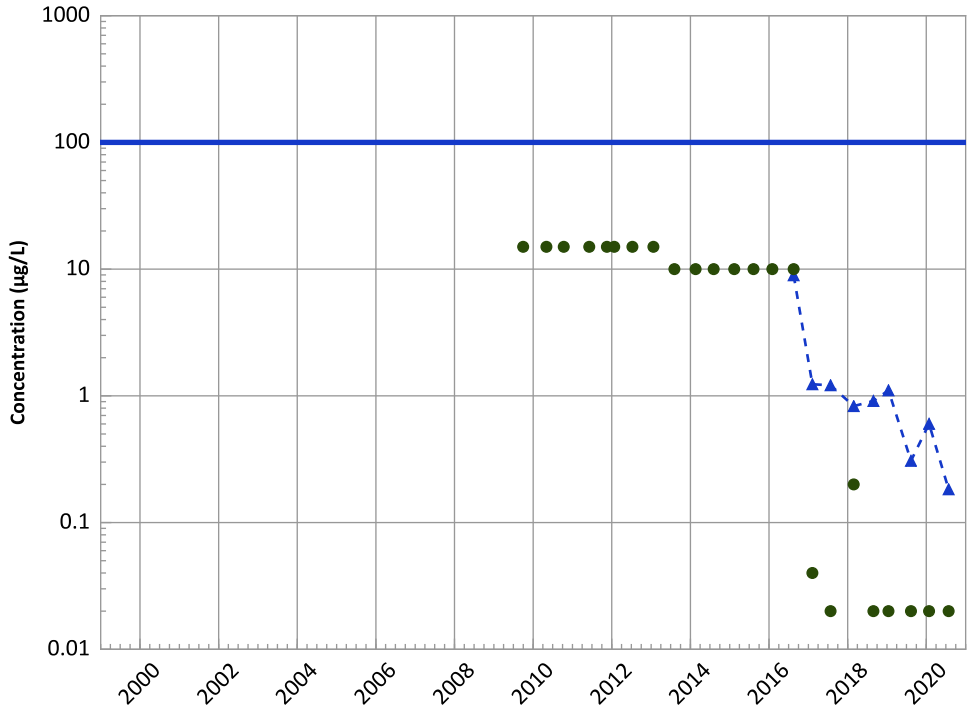
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
Decreasing

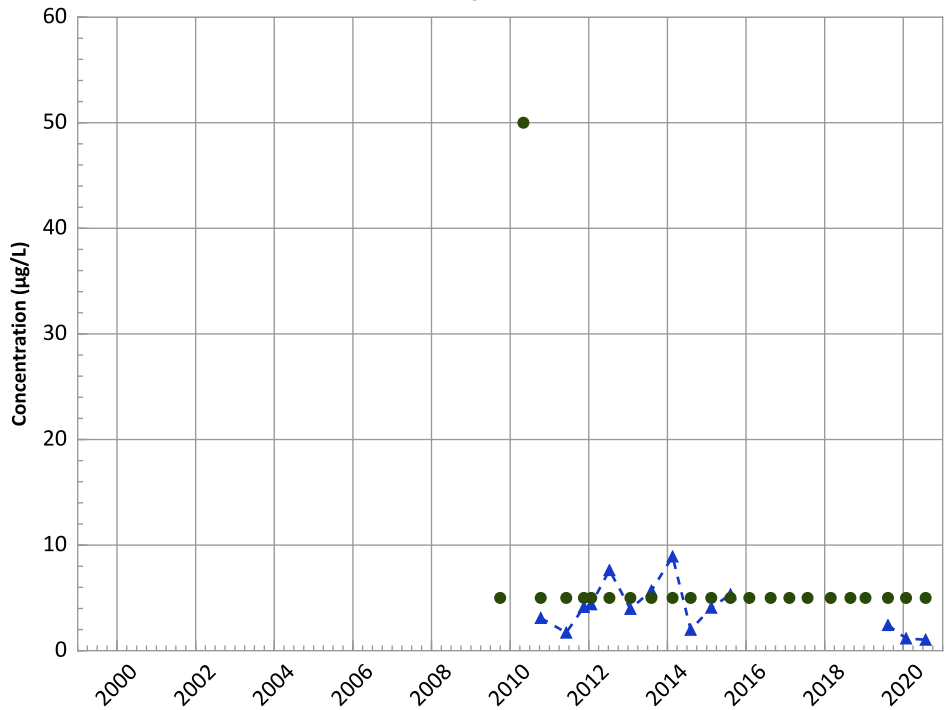
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Probably Decreasing

All Data:
Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)

All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable

All Data:
Decreasing

Well Location

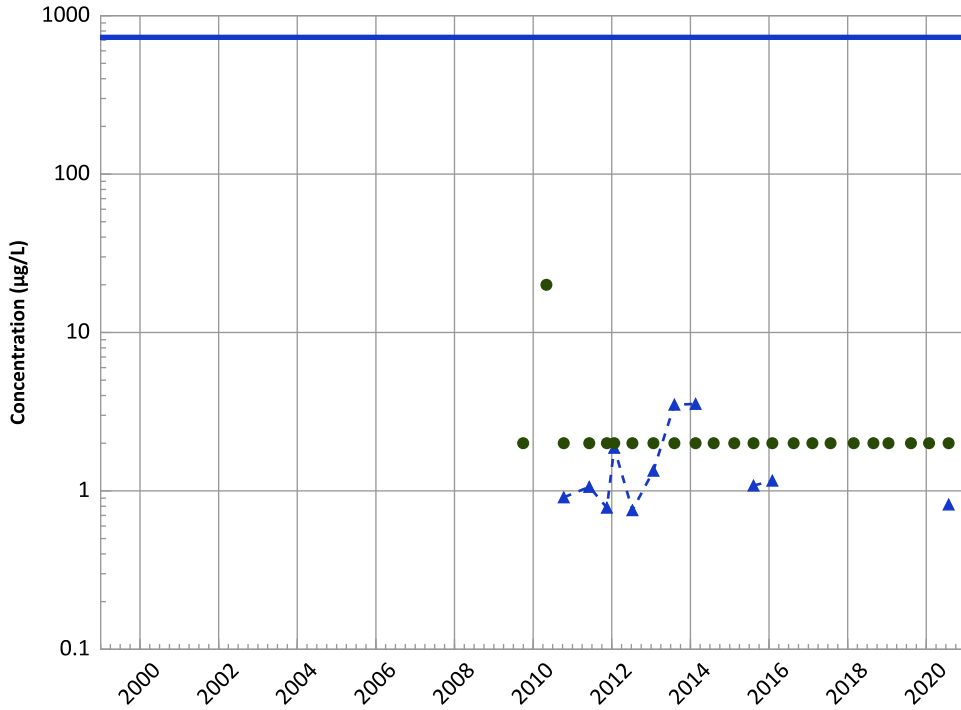


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

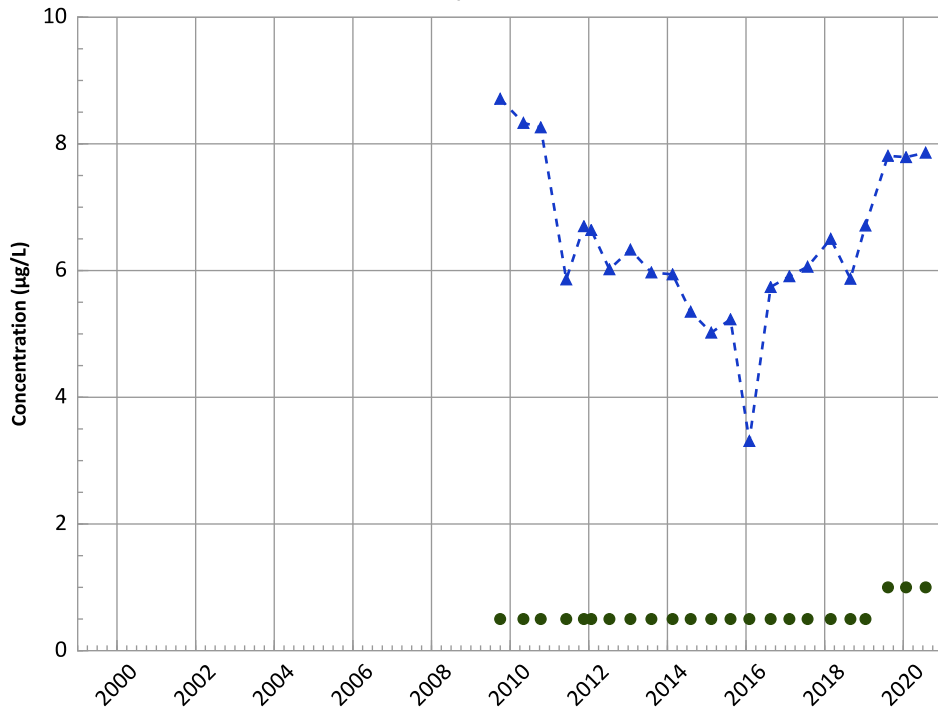


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Stable

Molybdenum Trend

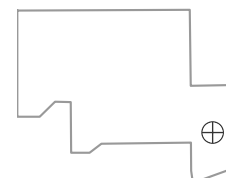


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Well Location

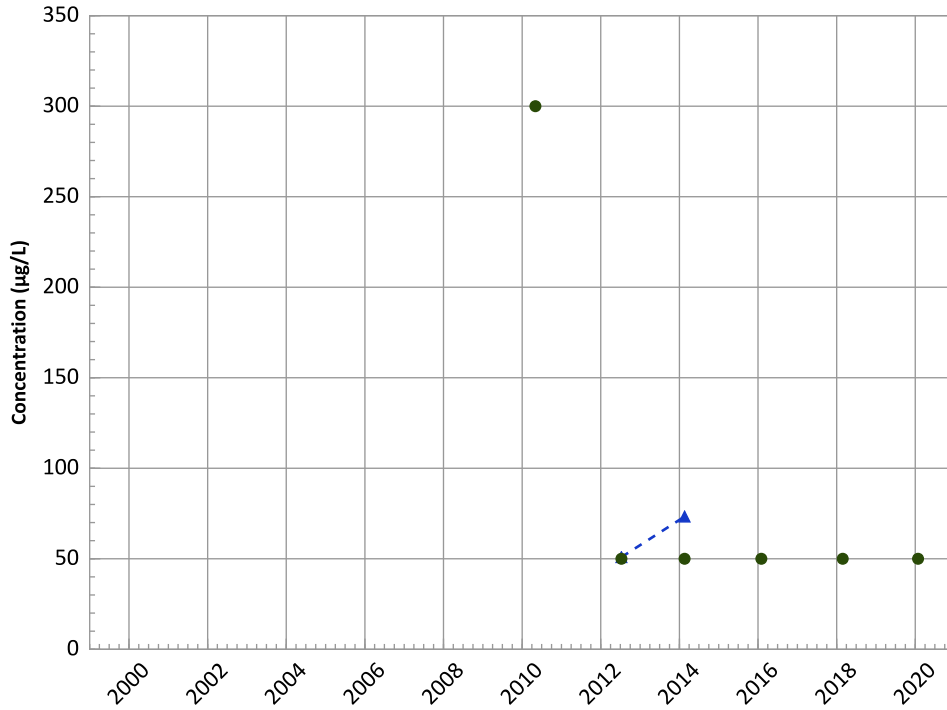


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

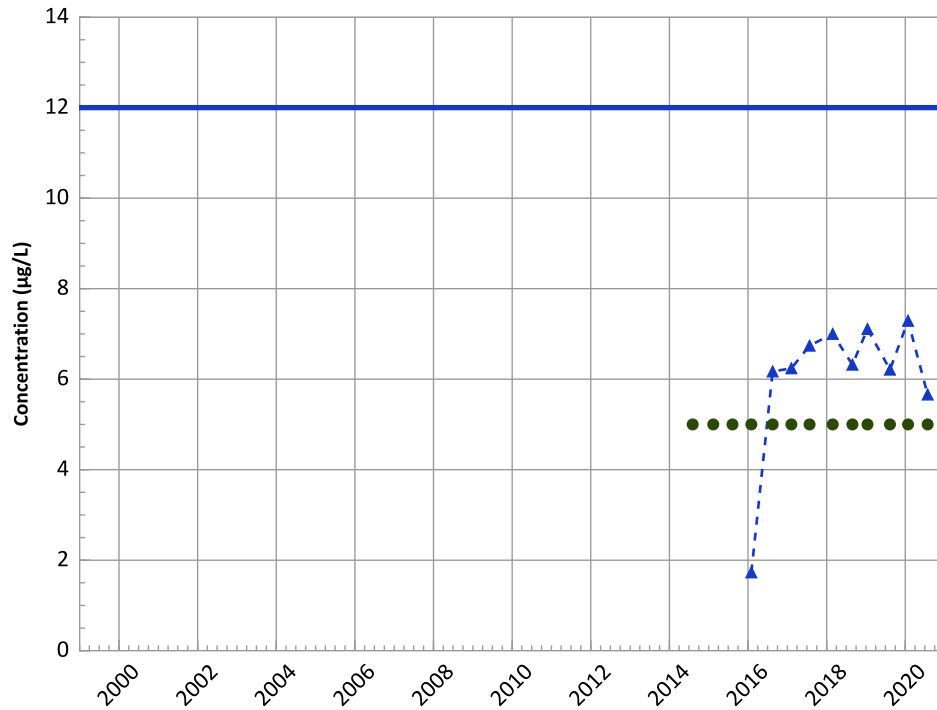
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

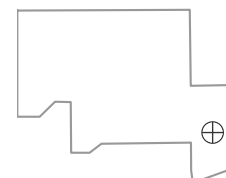
2018 - 2020 Data:

Stable

All Data:

Probably Increasing

Well Location

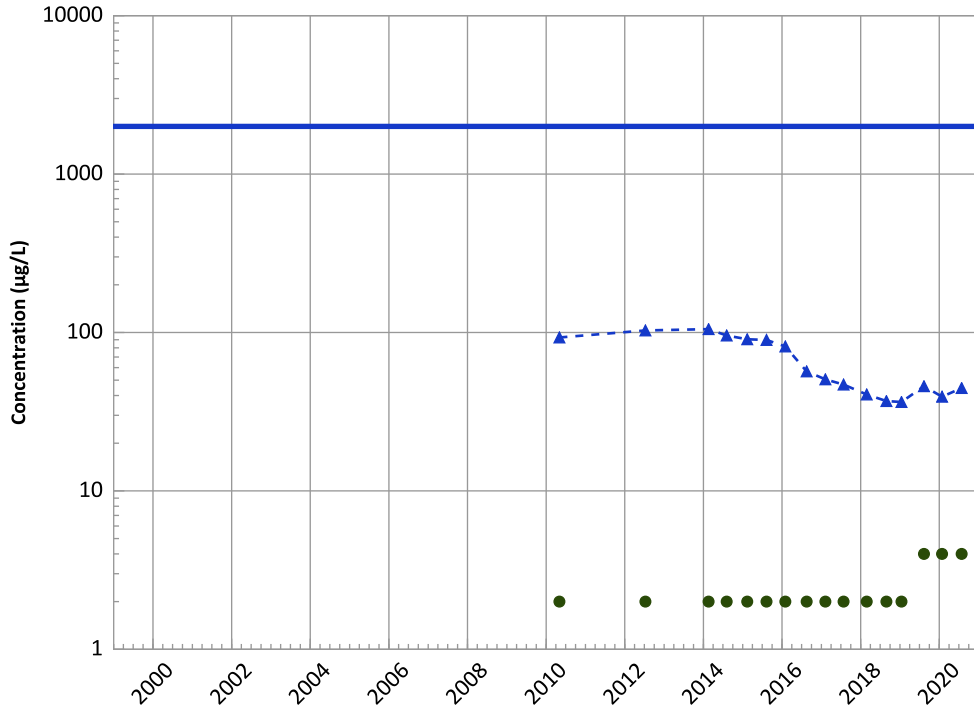


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

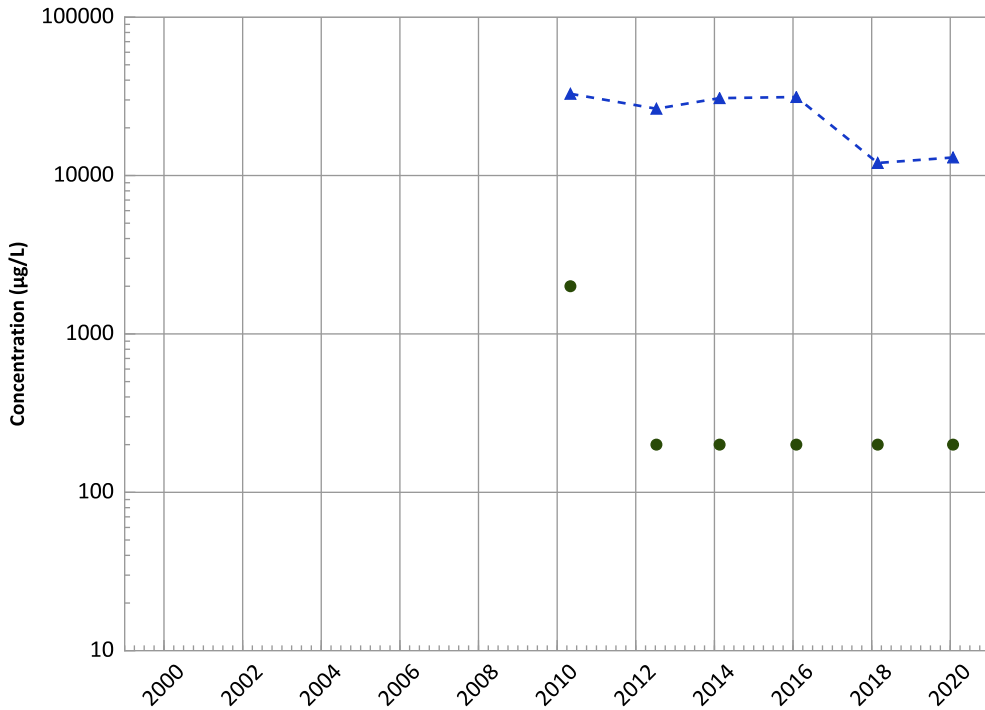
2018 - 2020 Data:

No Trend

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

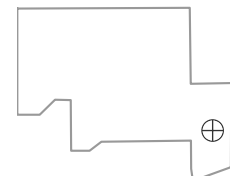
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Well Location

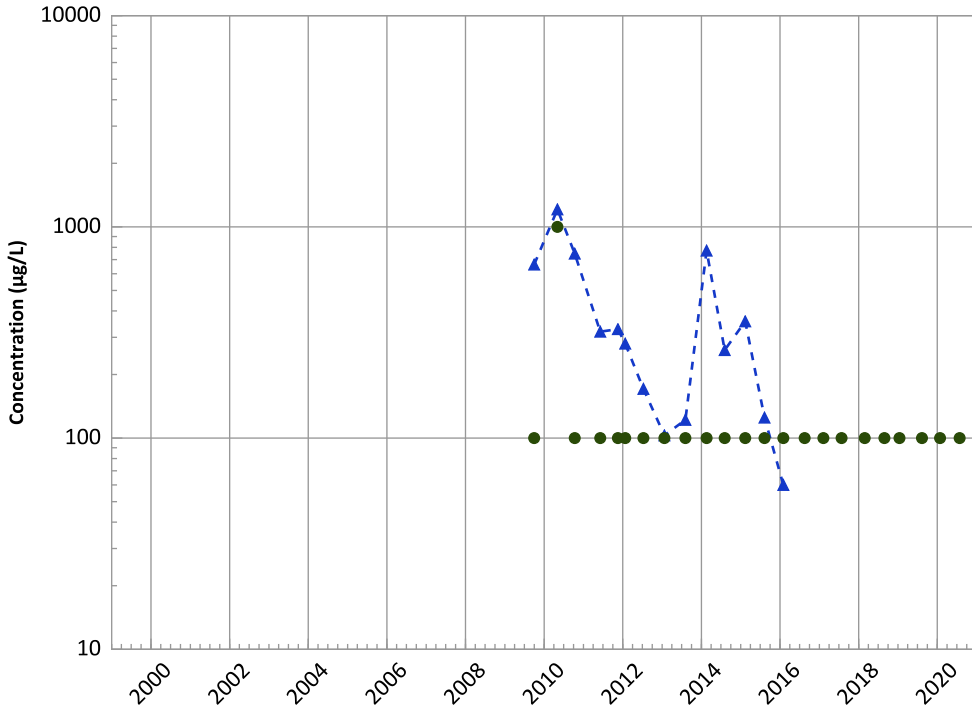


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

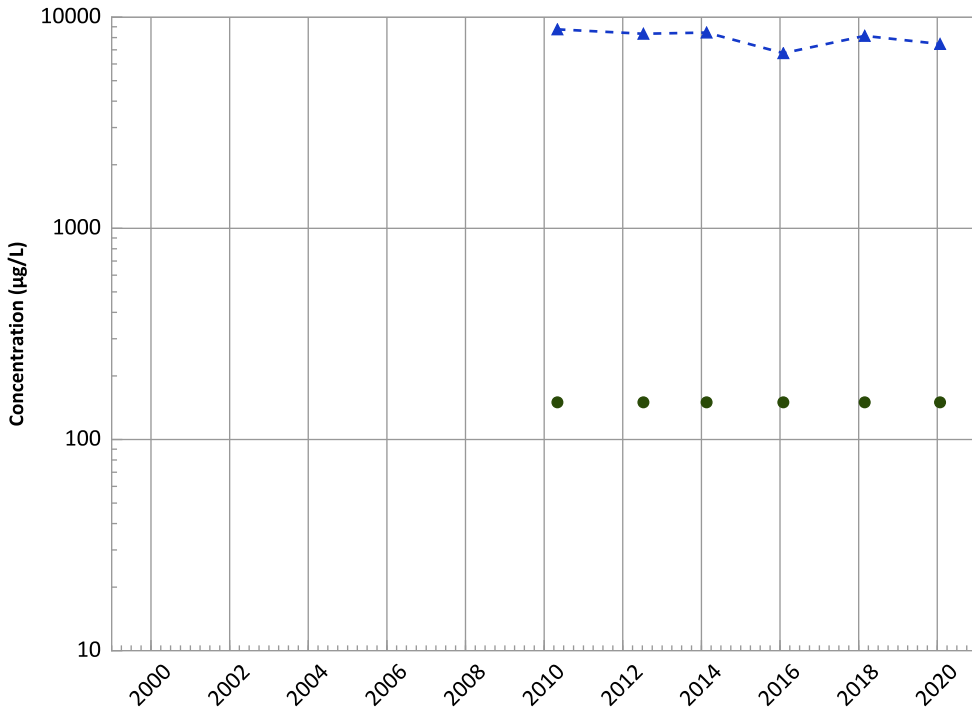
2018 - 2020 Data:

Probably Decreasing

All Data:

Decreasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

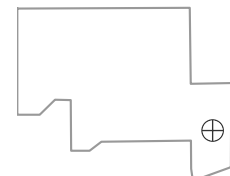
2018 - 2020 Data:

Stable

All Data:

Stable

Well Location

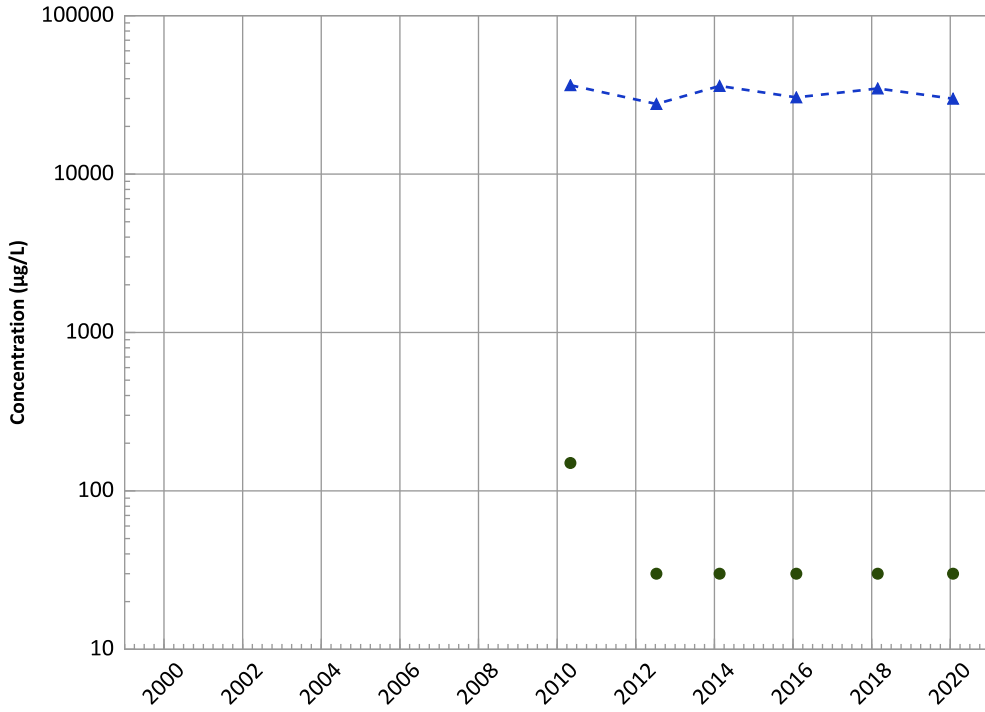


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

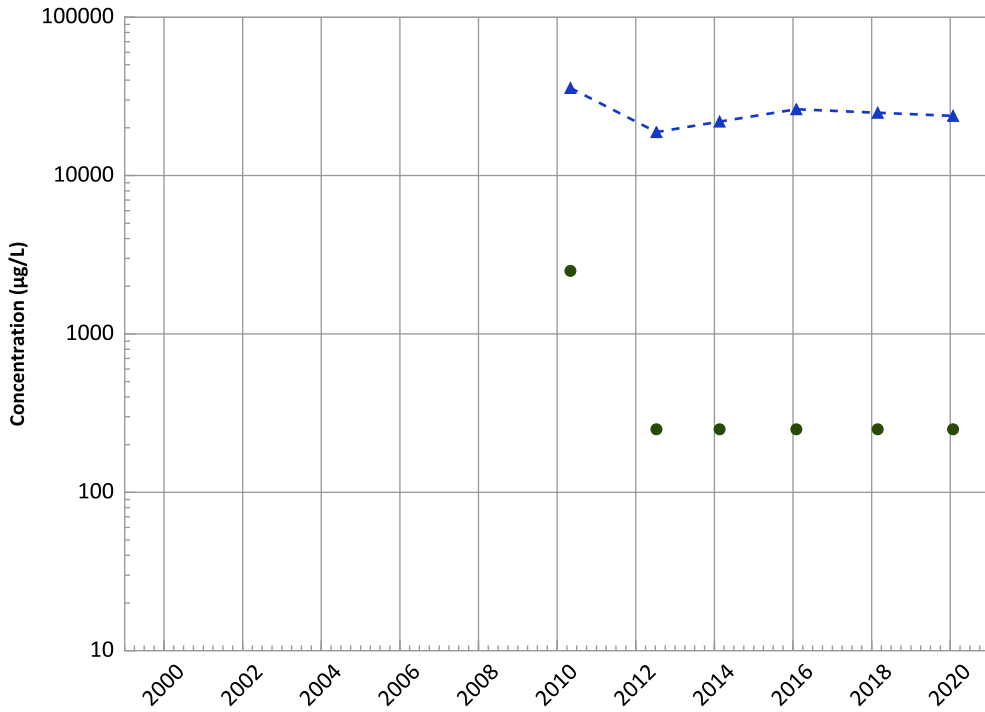
2018 - 2020 Data:

Stable

All Data:

Stable

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

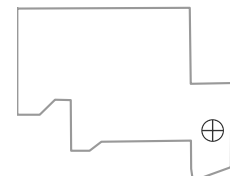
2018 - 2020 Data:

No Trend

All Data:

Stable

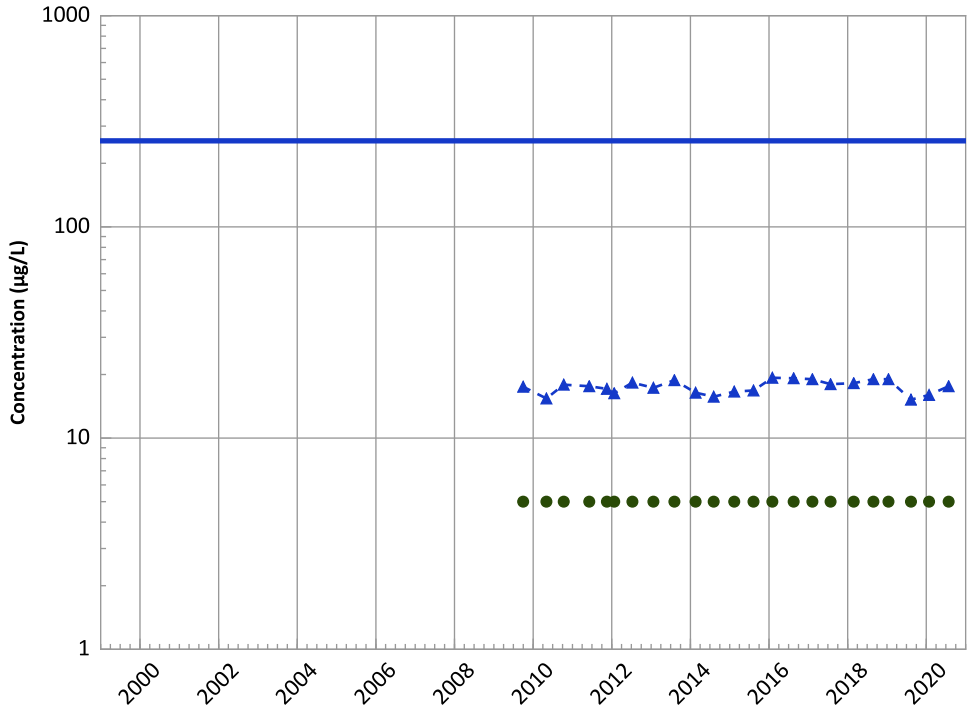
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 09/30/2009 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 Stable
 All Data:
 No Trend
MAROS Linear Regression Method
 2018 - 2020 Data:
 Stable
 All Data:
 Increasing

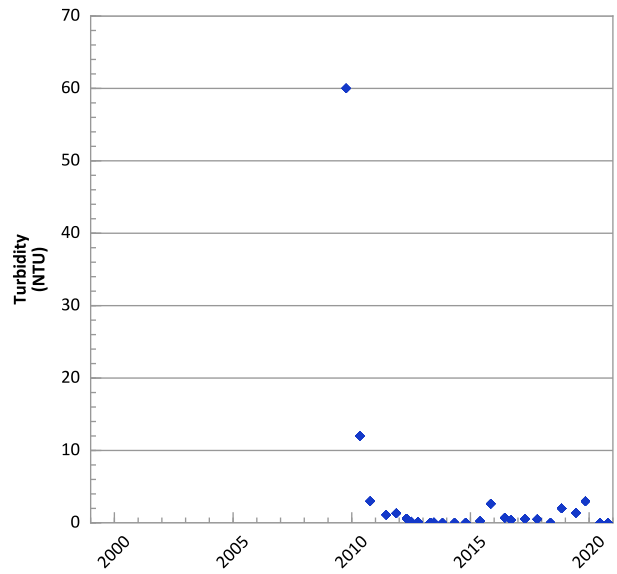
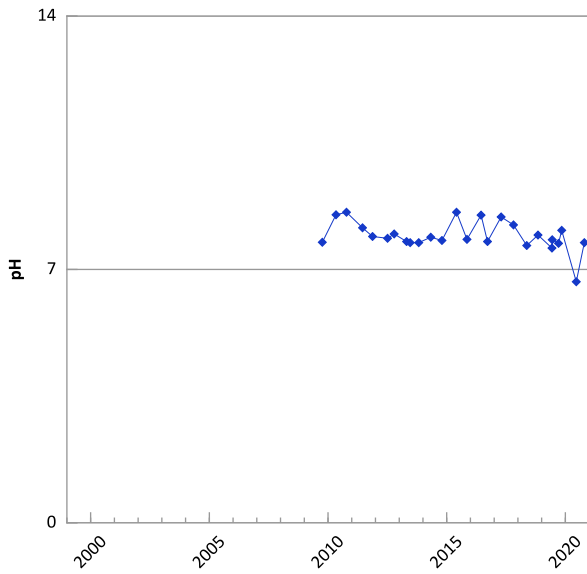
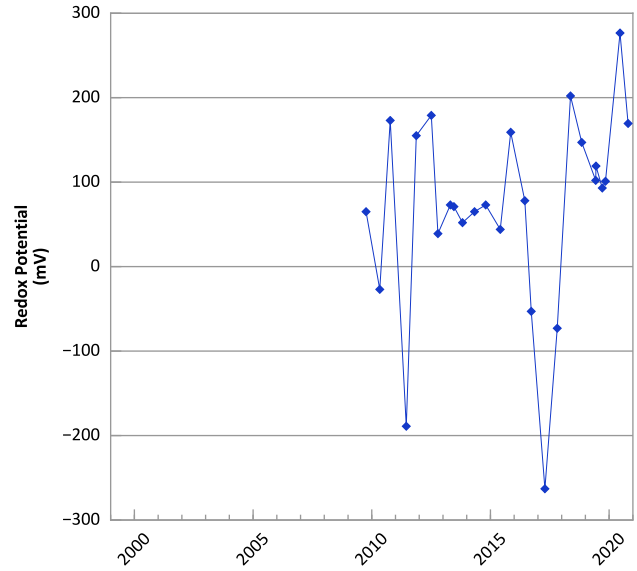
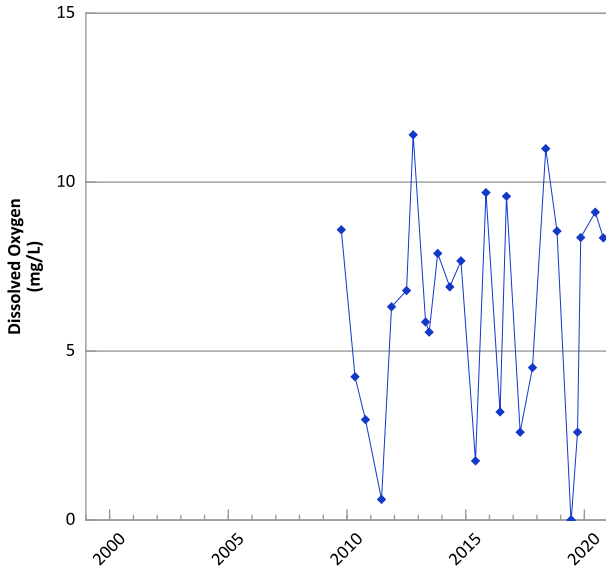
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 09/30/2009 to 07/27/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

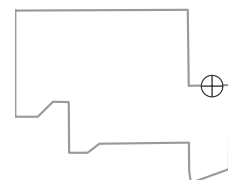


**PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



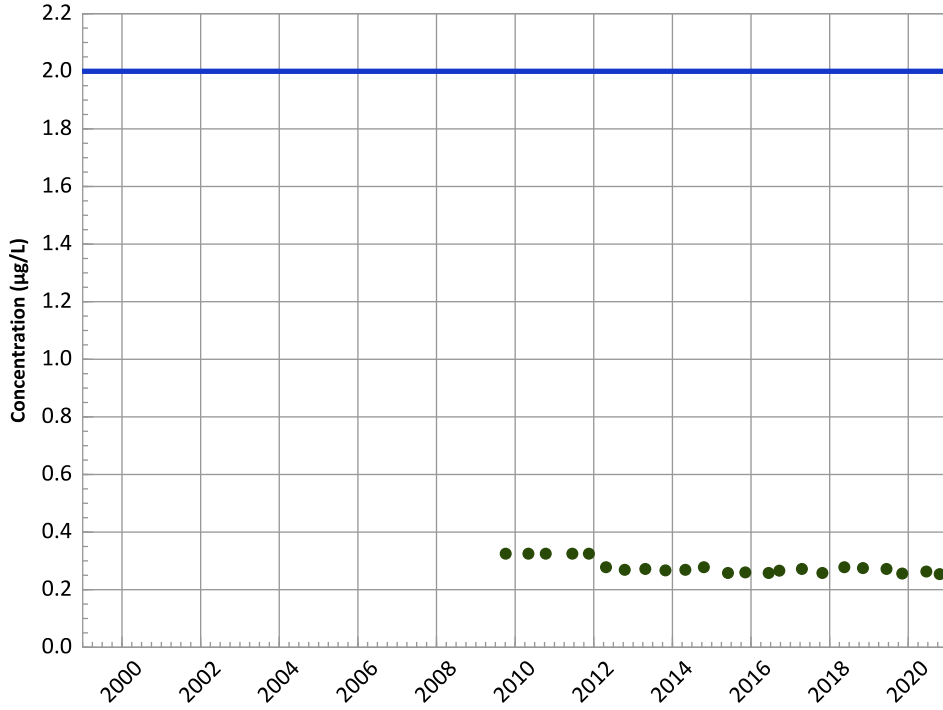
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/05/2009 to 10/19/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

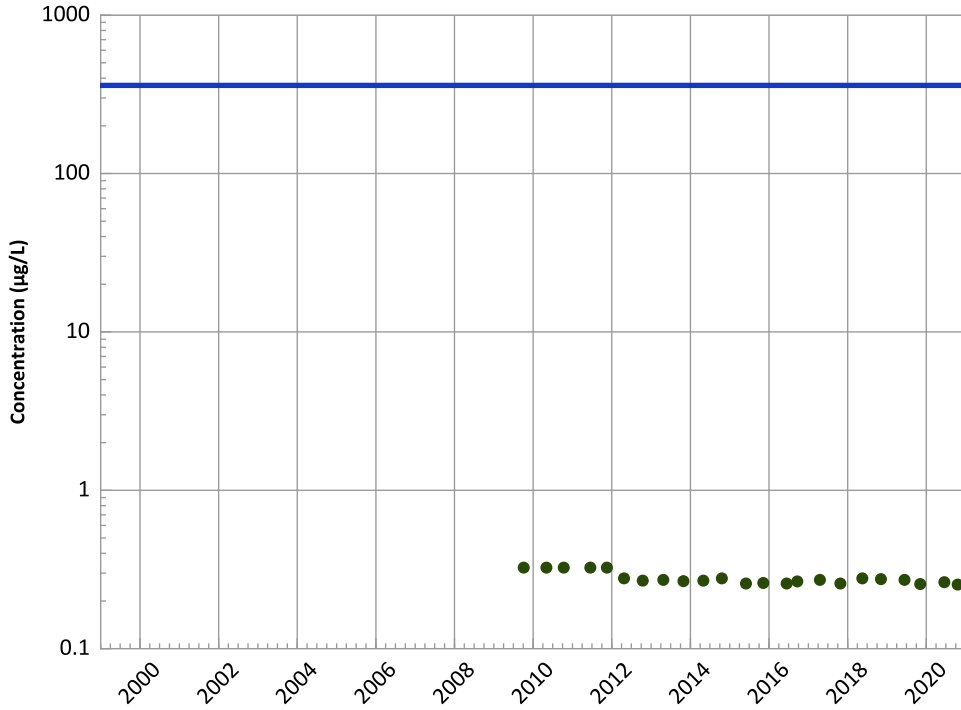
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

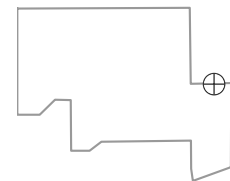
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

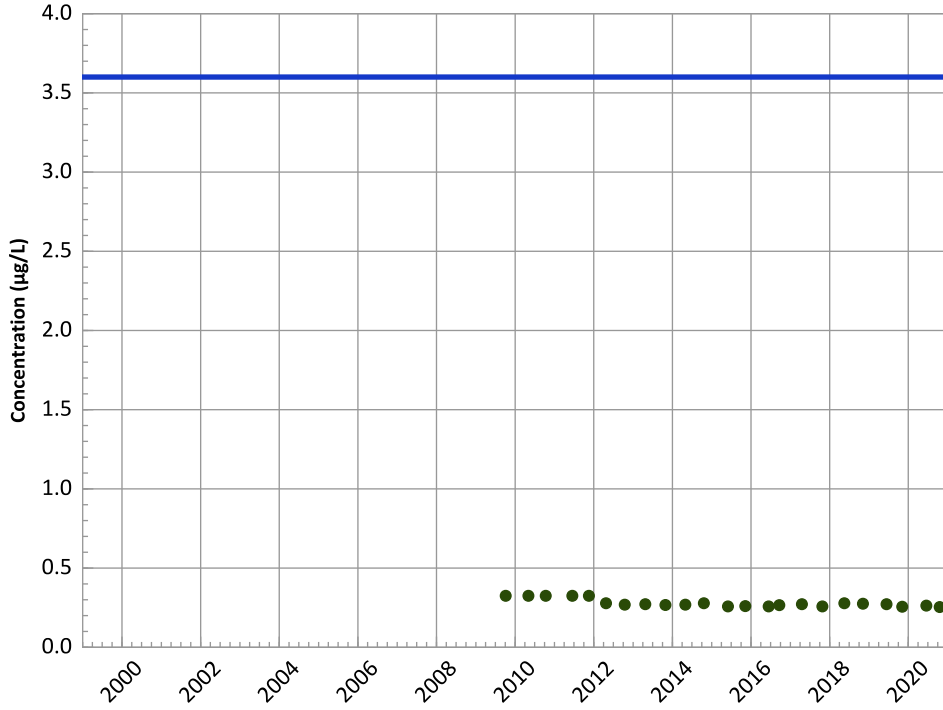


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

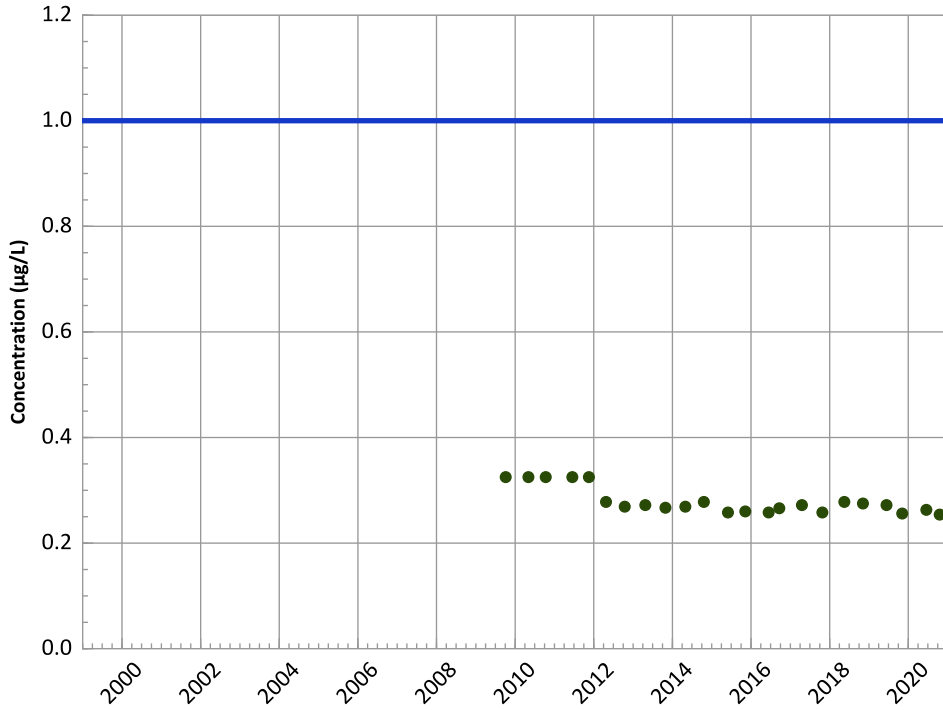
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

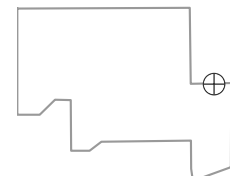
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

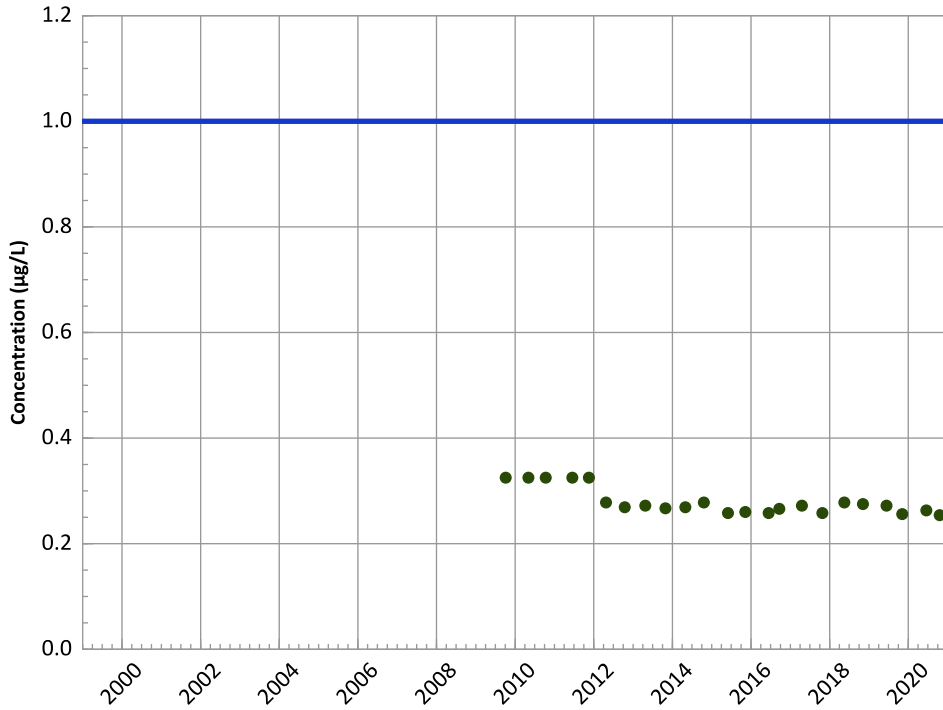


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

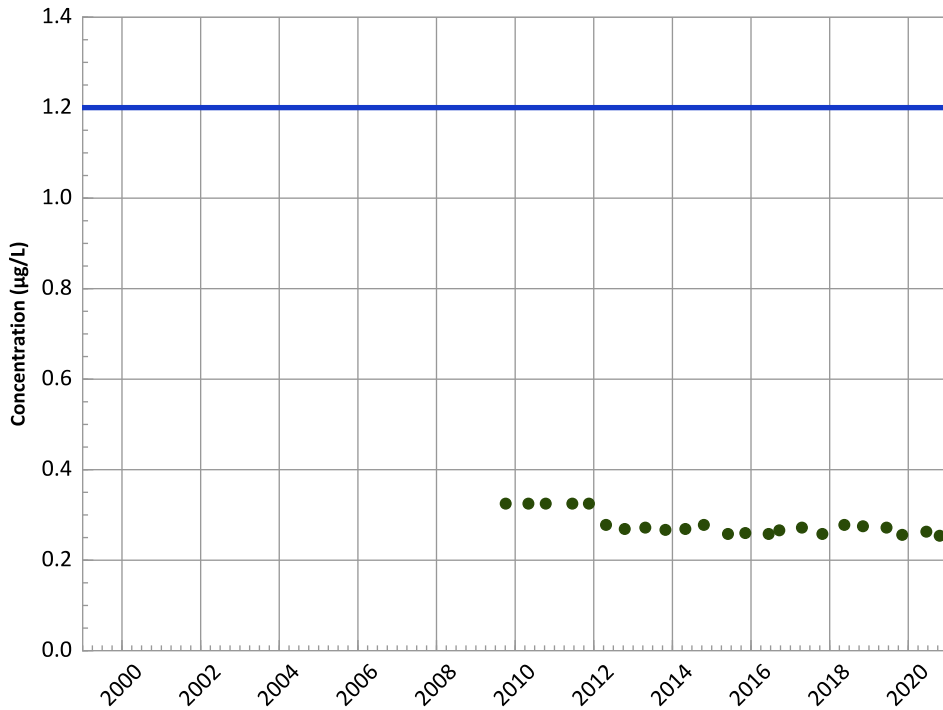
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

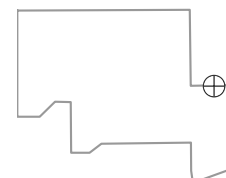
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

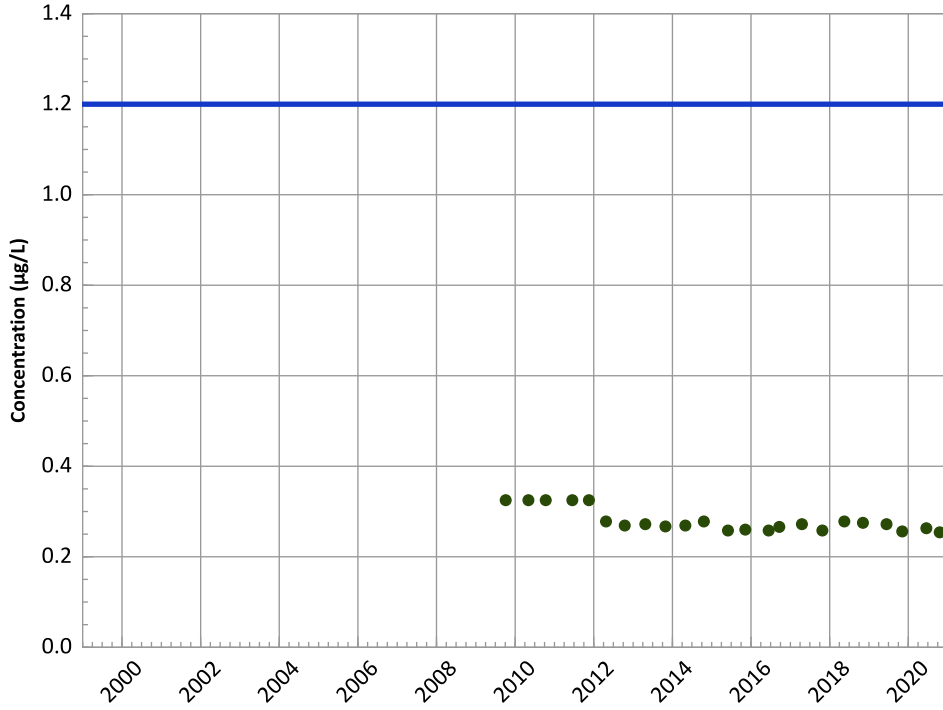


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

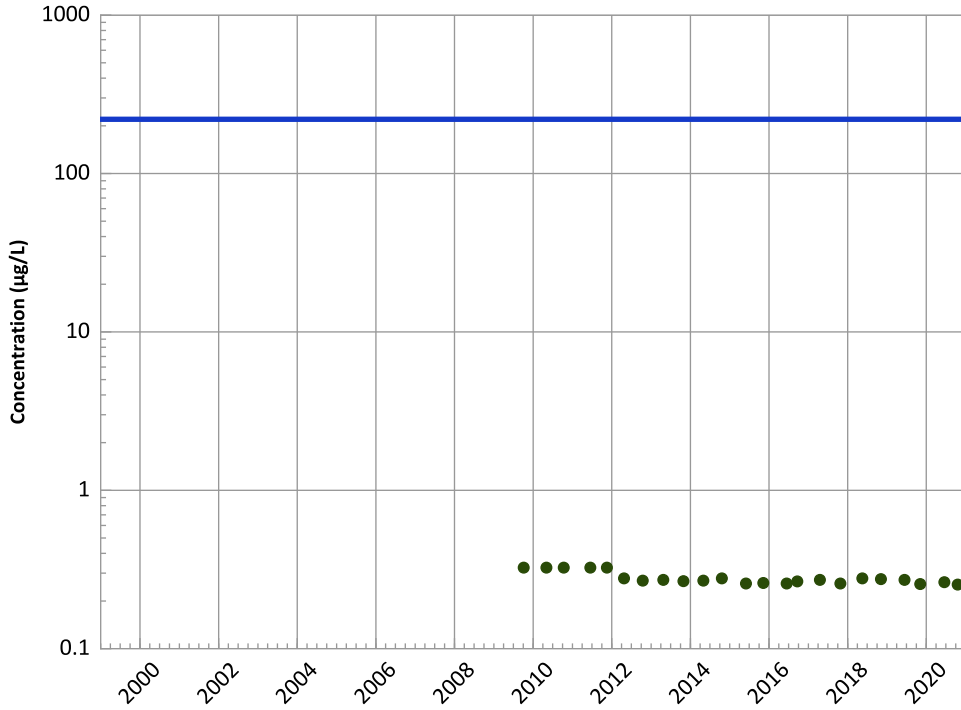
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

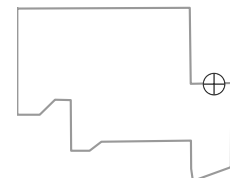
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

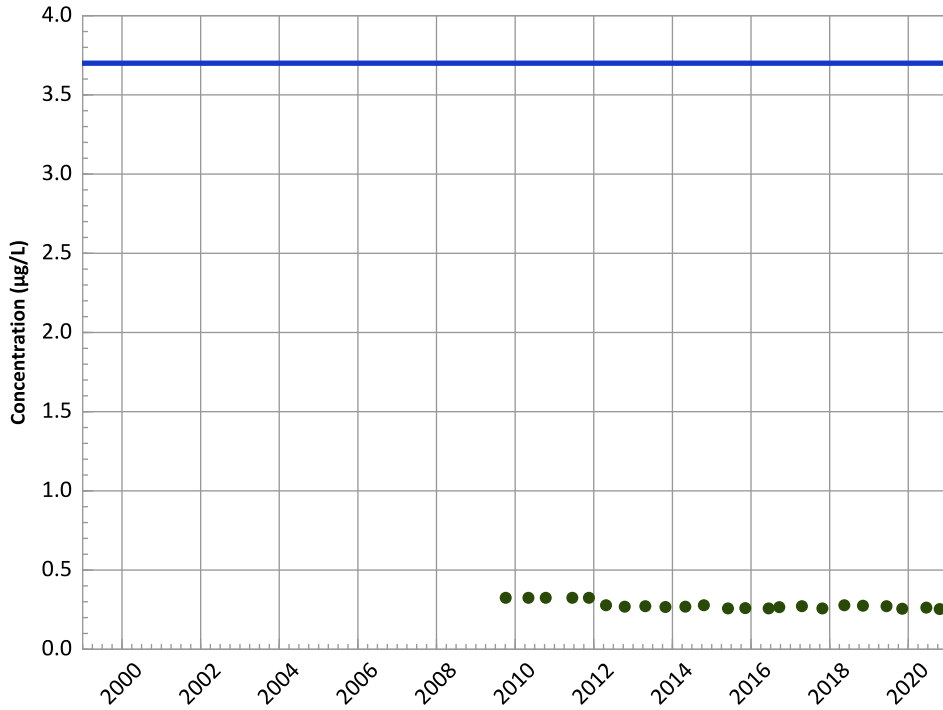


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

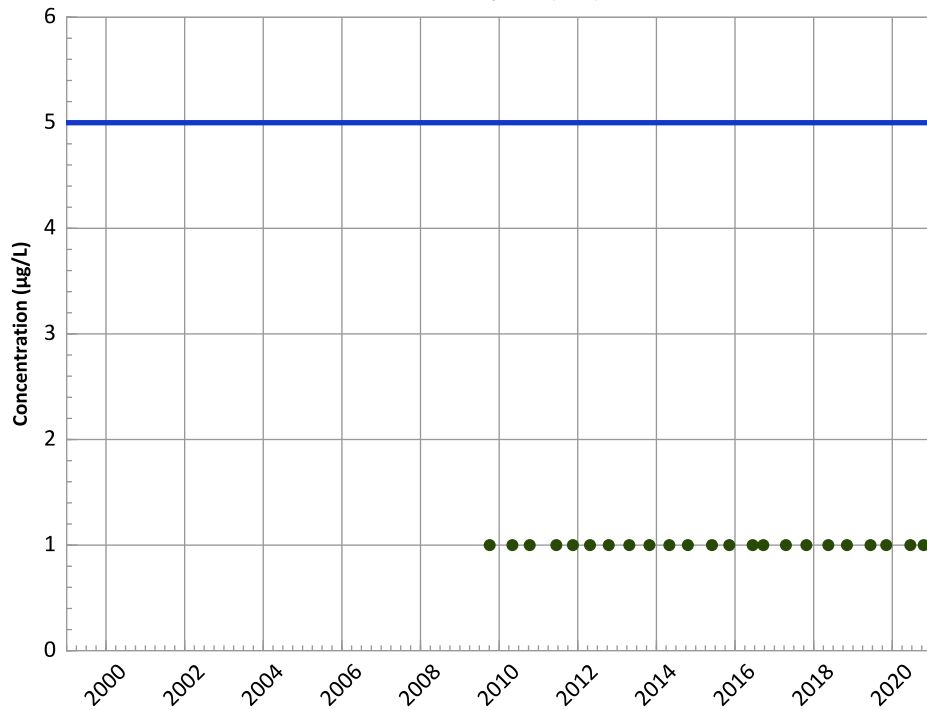
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

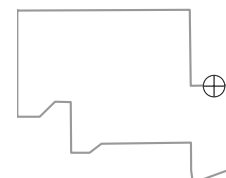
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

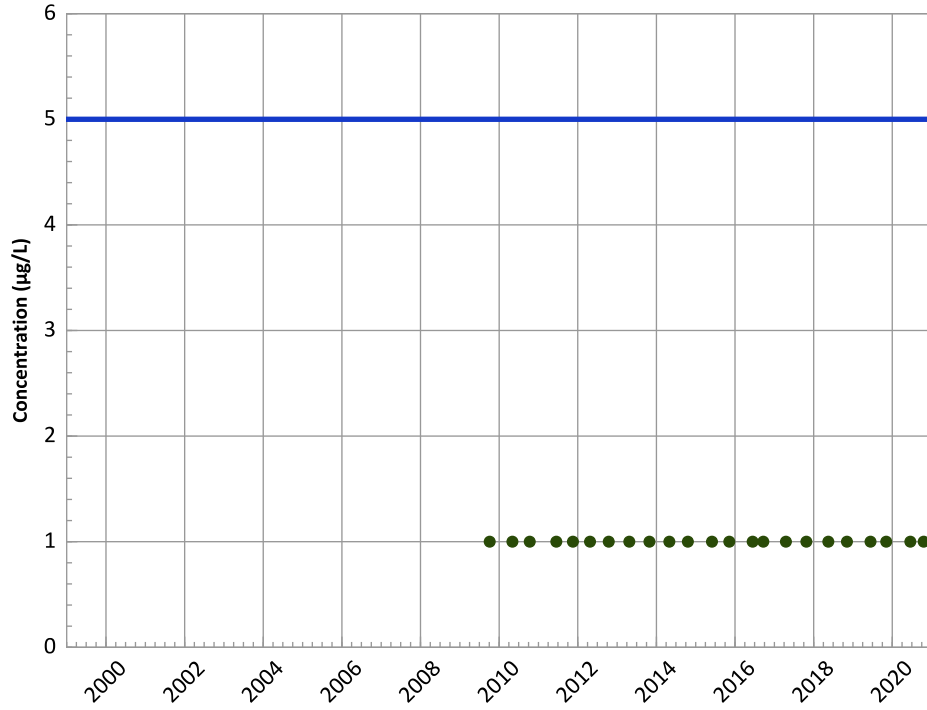


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

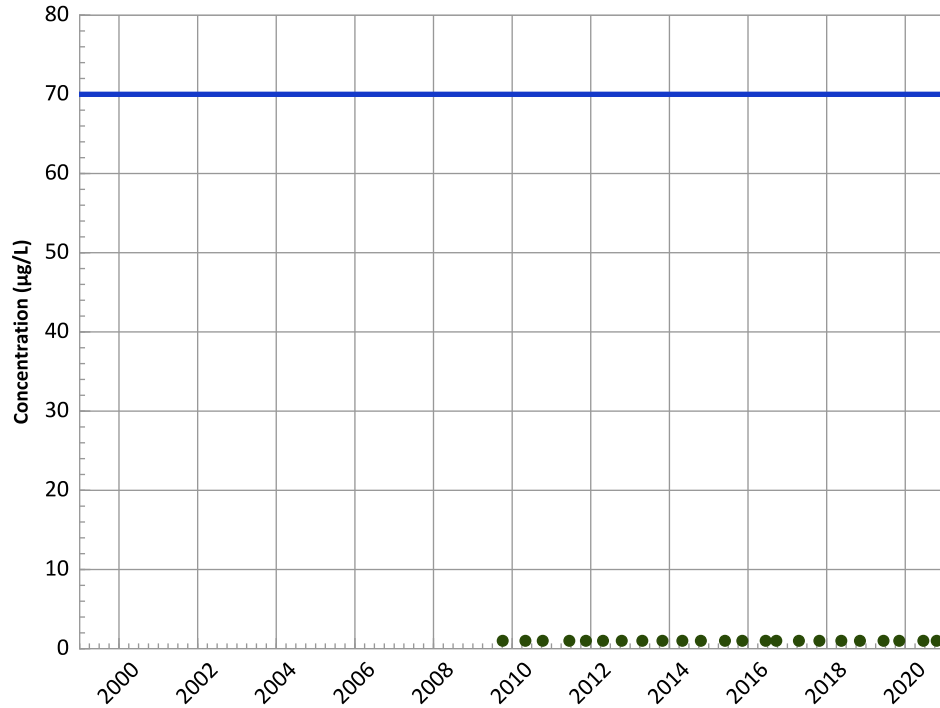
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

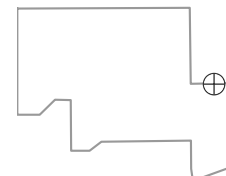
All Data:

All Non-Detect

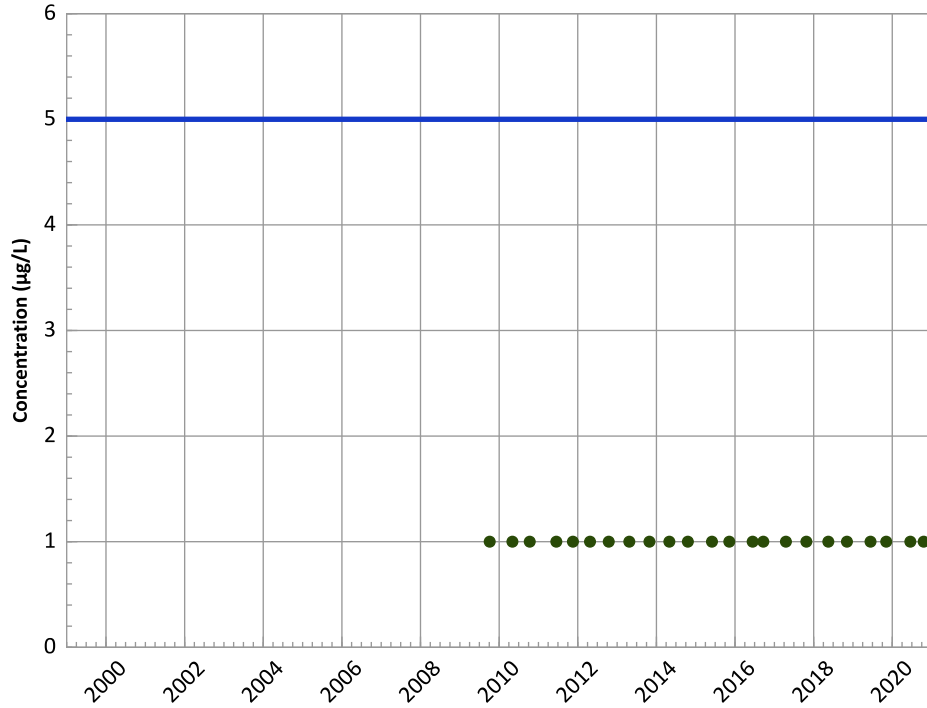
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ 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**

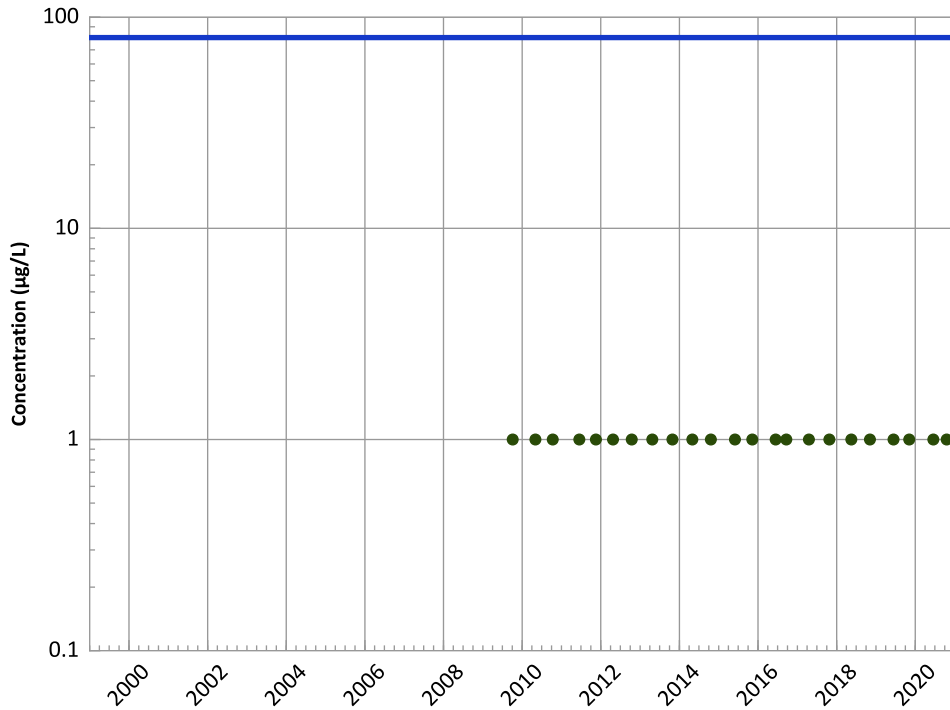


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend

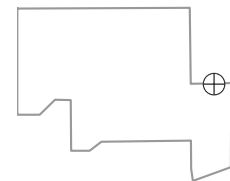


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

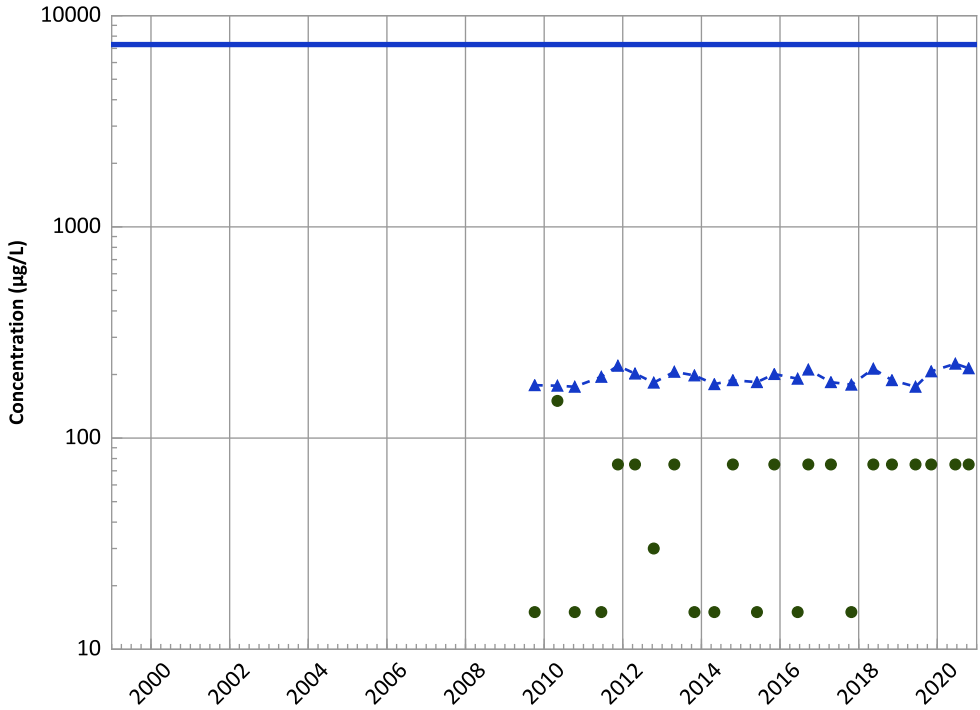
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

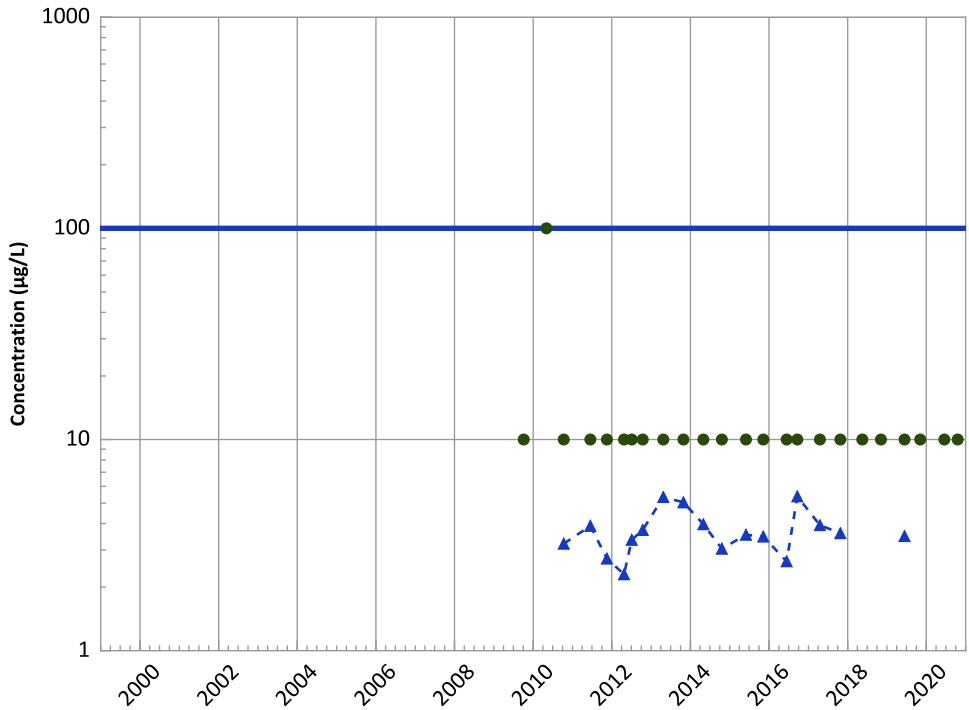
- ▲ Measured Value
- Sample Detection Limit
- - - - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



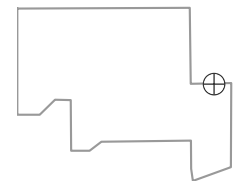
Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Increasing
MAROS Linear Regression Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Increasing

Chromium, Total Trend



Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 N/A (<4 Detections in Dataset)
 All Data:
 No Trend
MAROS Linear Regression Method
 2018 - 2020 Data:
 Decreasing
 All Data:
 No Trend

Well Location

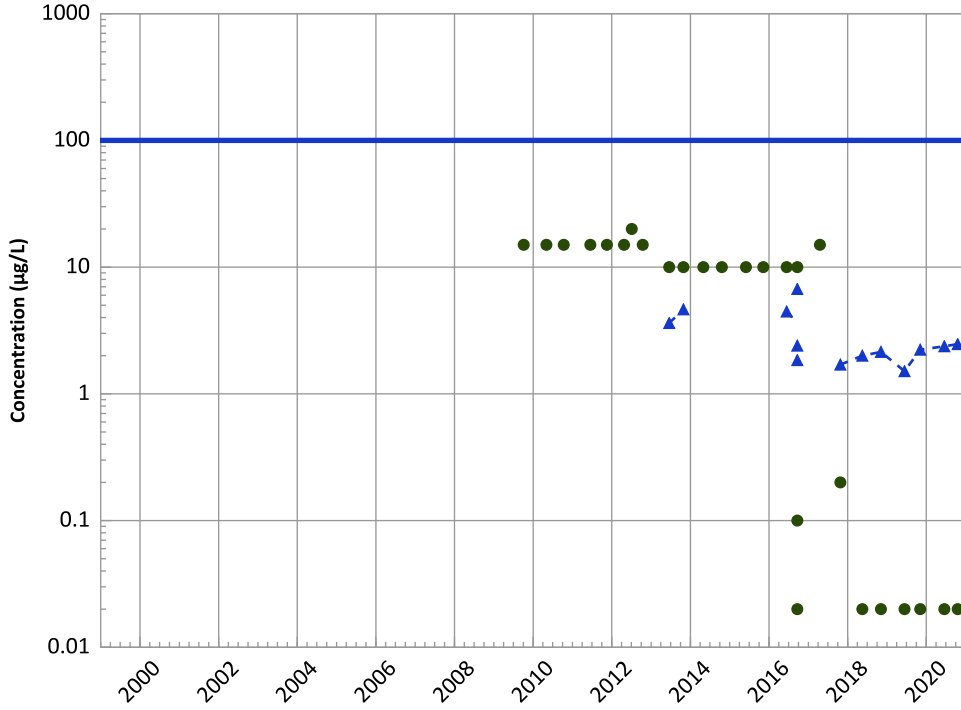


Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/05/2009 to 10/19/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Decreasing

MAROS Linear Regression Method

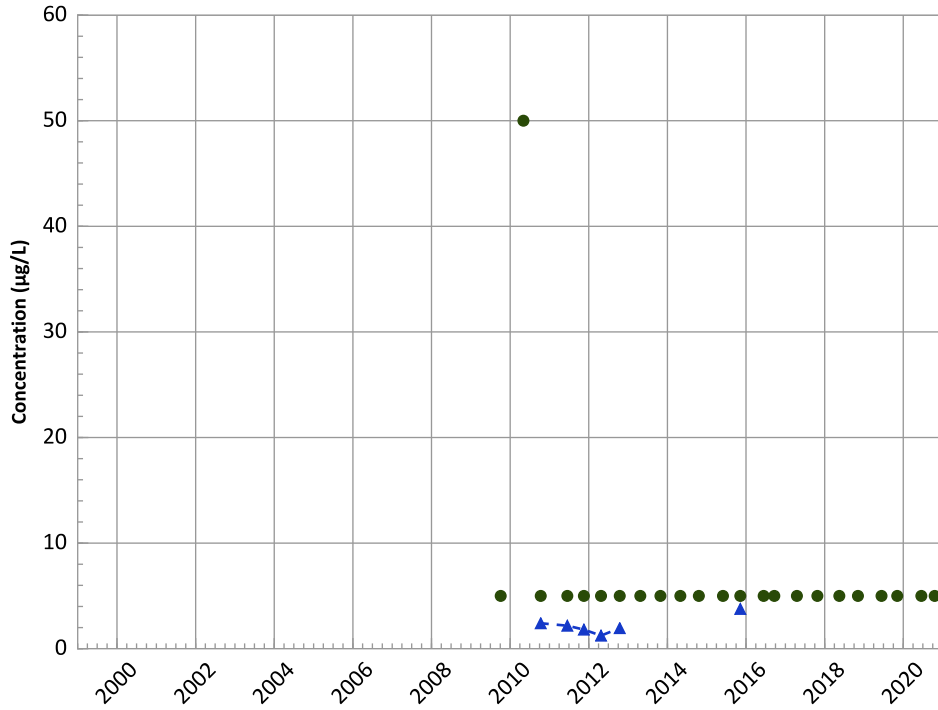
2018 - 2020 Data:

Increasing

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

No Trend

MAROS Linear Regression Method

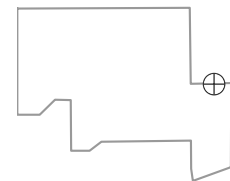
2018 - 2020 Data:

No Trend

All Data:

Stable

Well Location

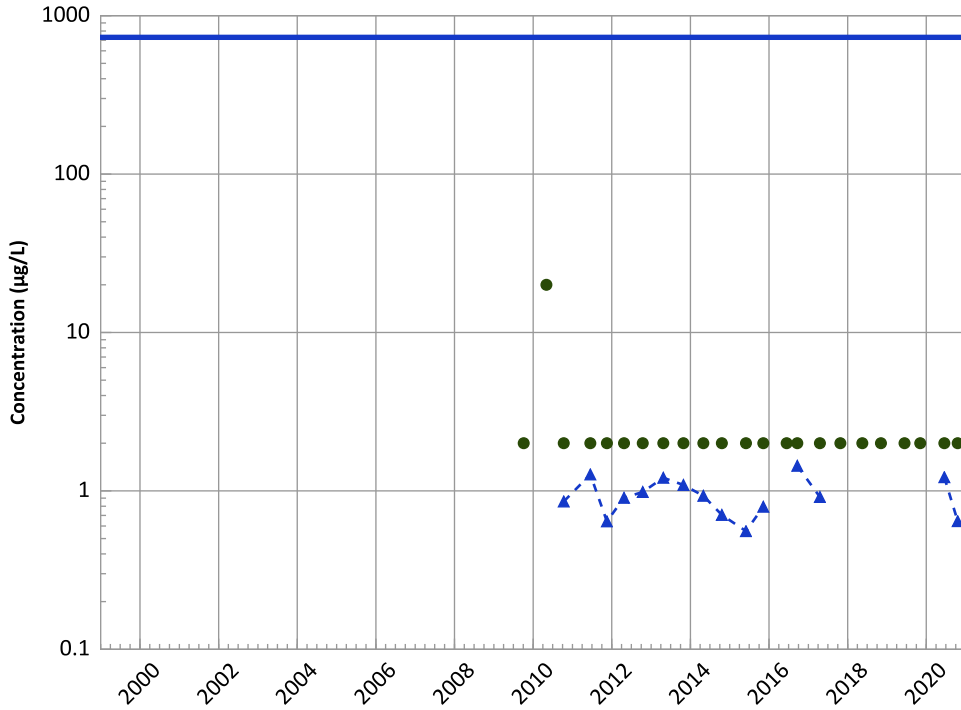


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

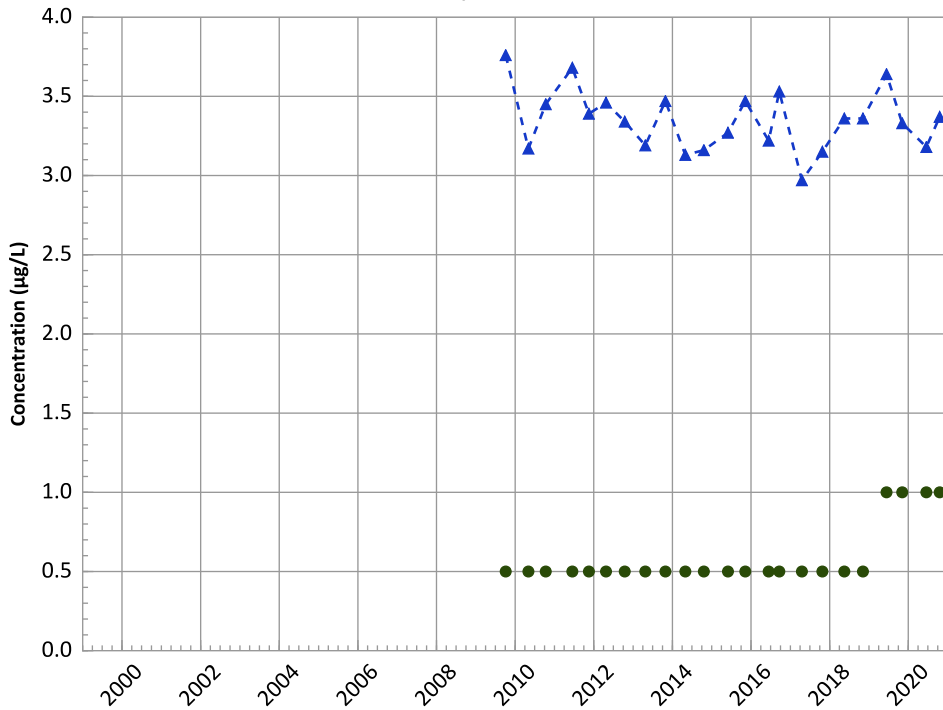


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Molybdenum Trend

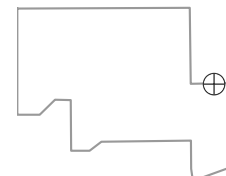


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Stable

Well Location

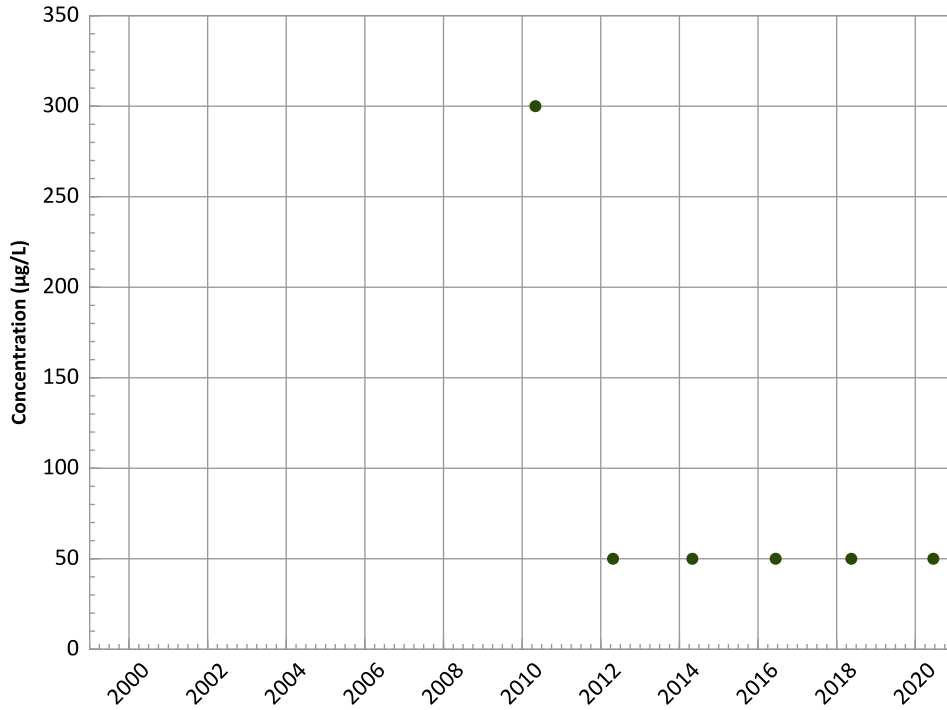


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

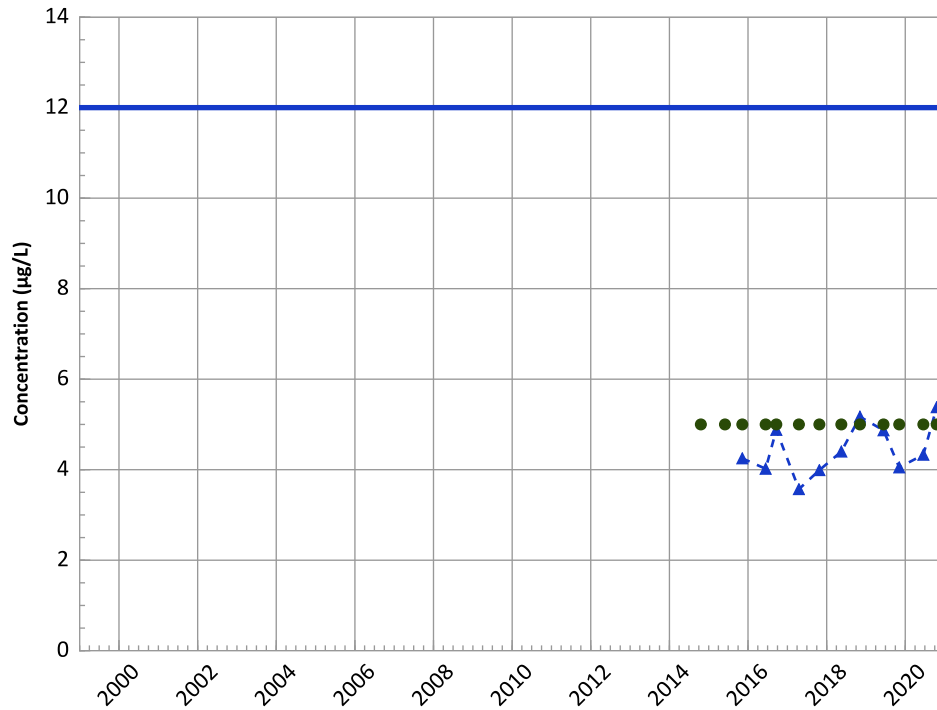
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

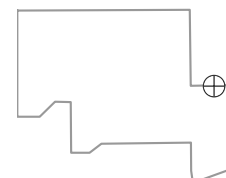
2018 - 2020 Data:

No Trend

All Data:

Increasing

Well Location

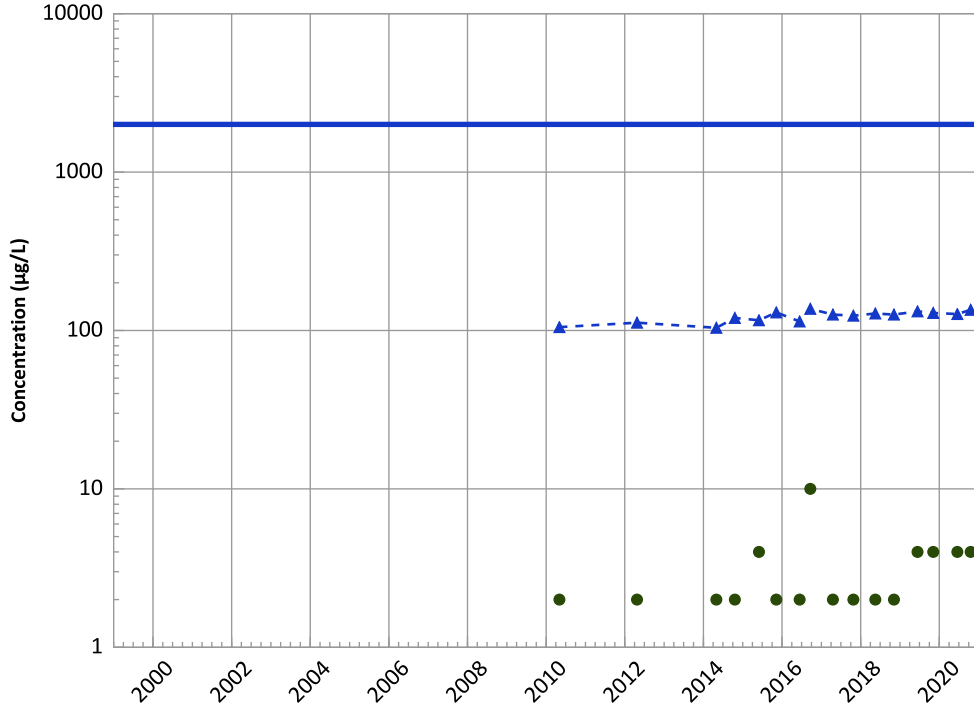


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

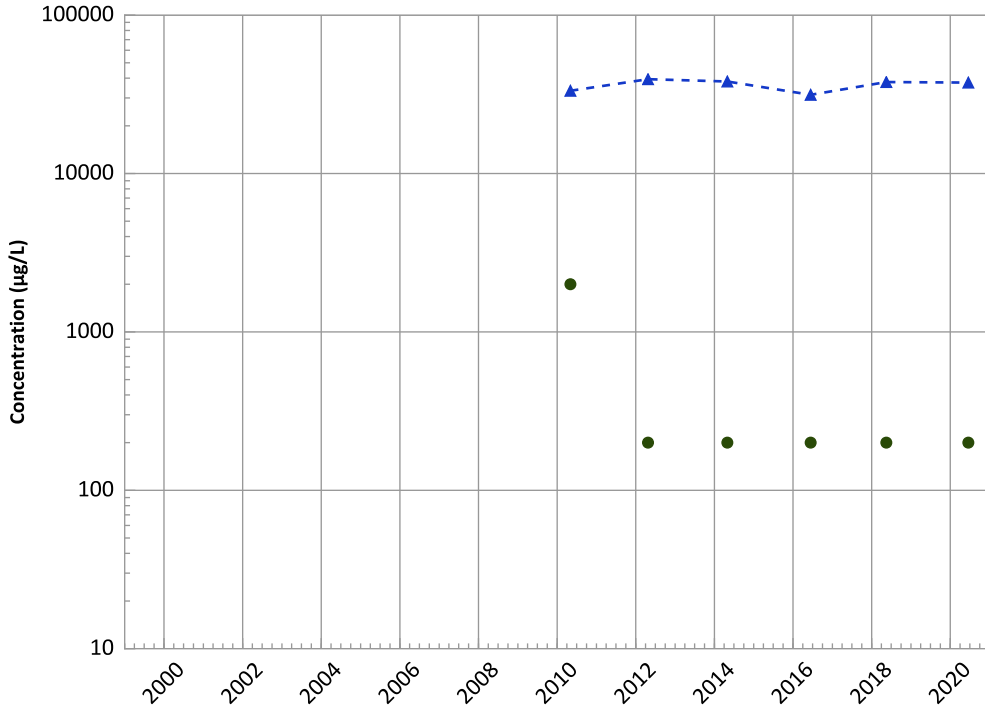
2018 - 2020 Data:

Increasing

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

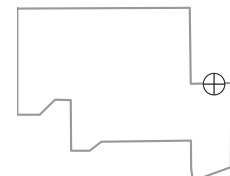
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

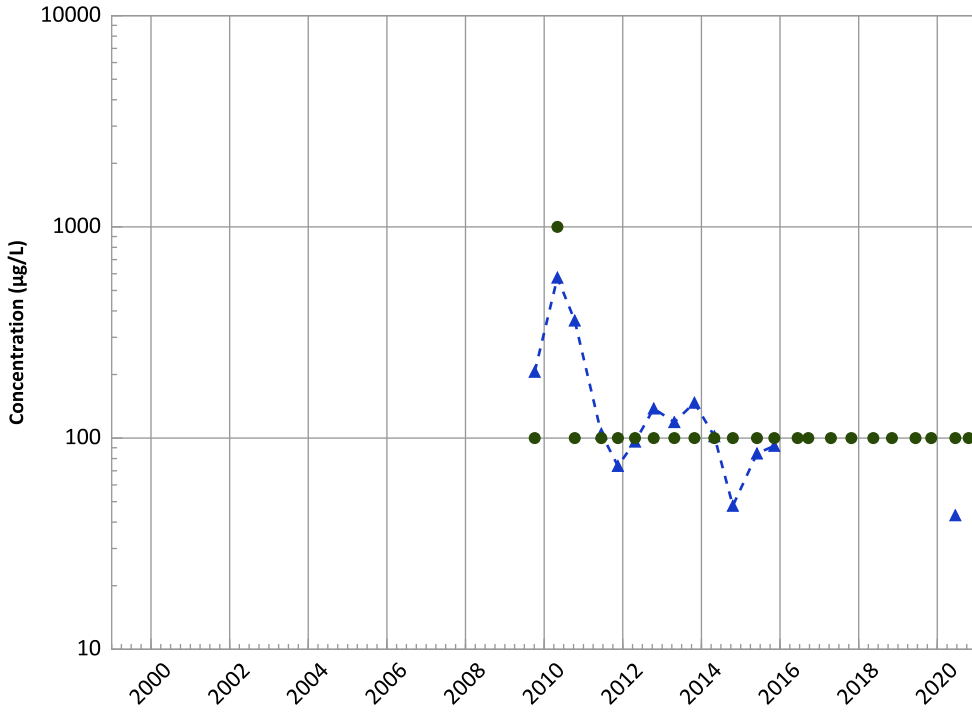


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

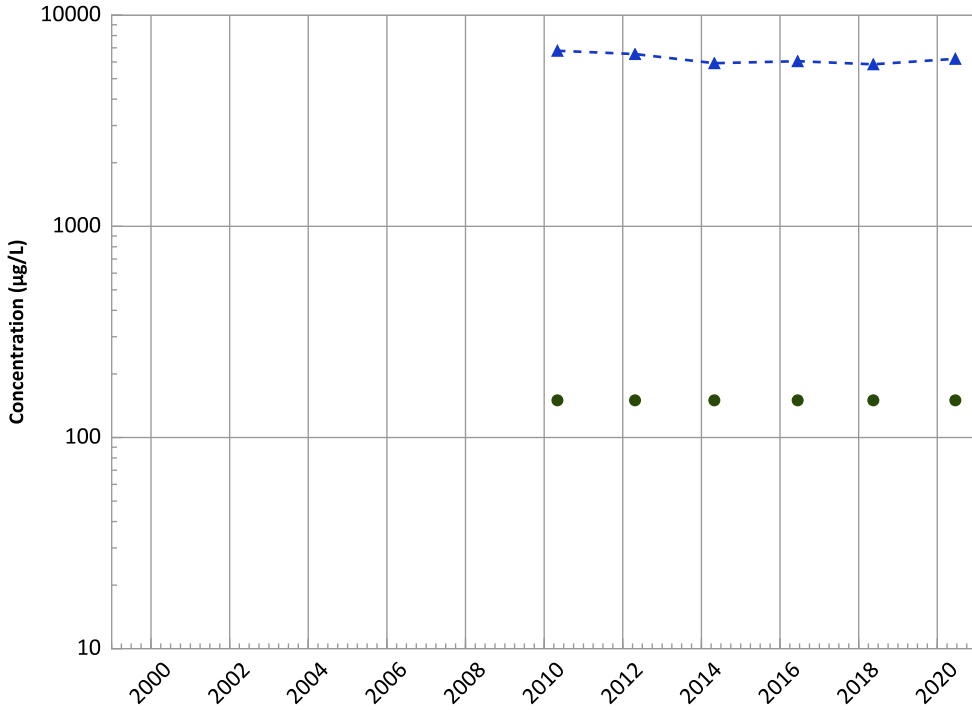


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Potassium Trend

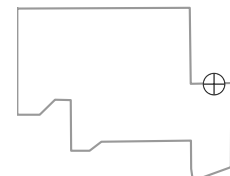


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Probably Decreasing

Well Location

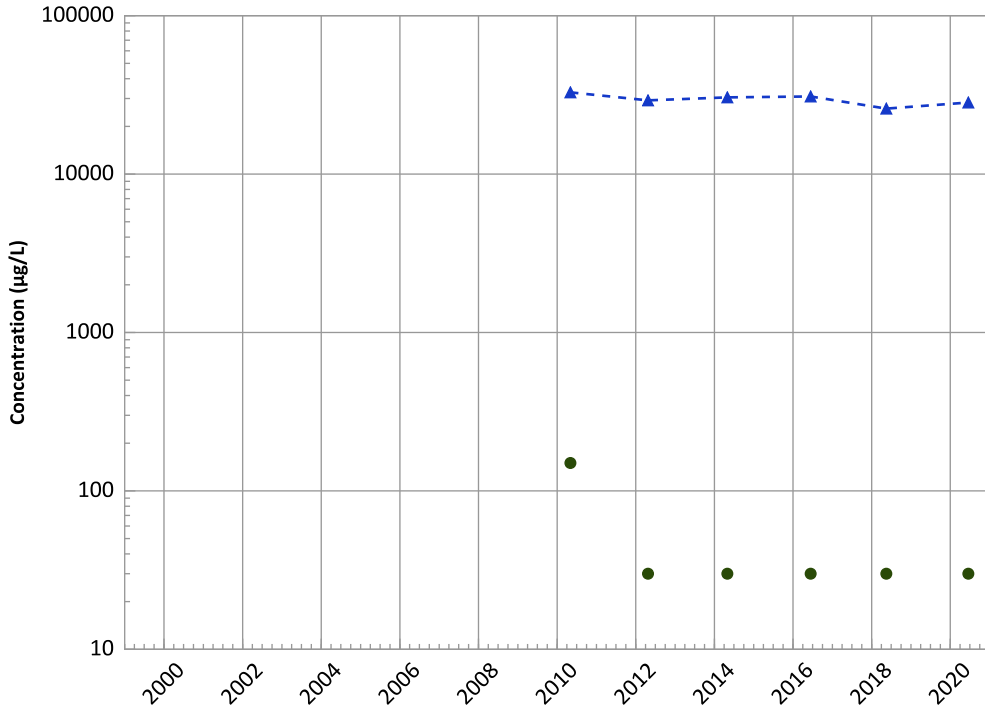


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

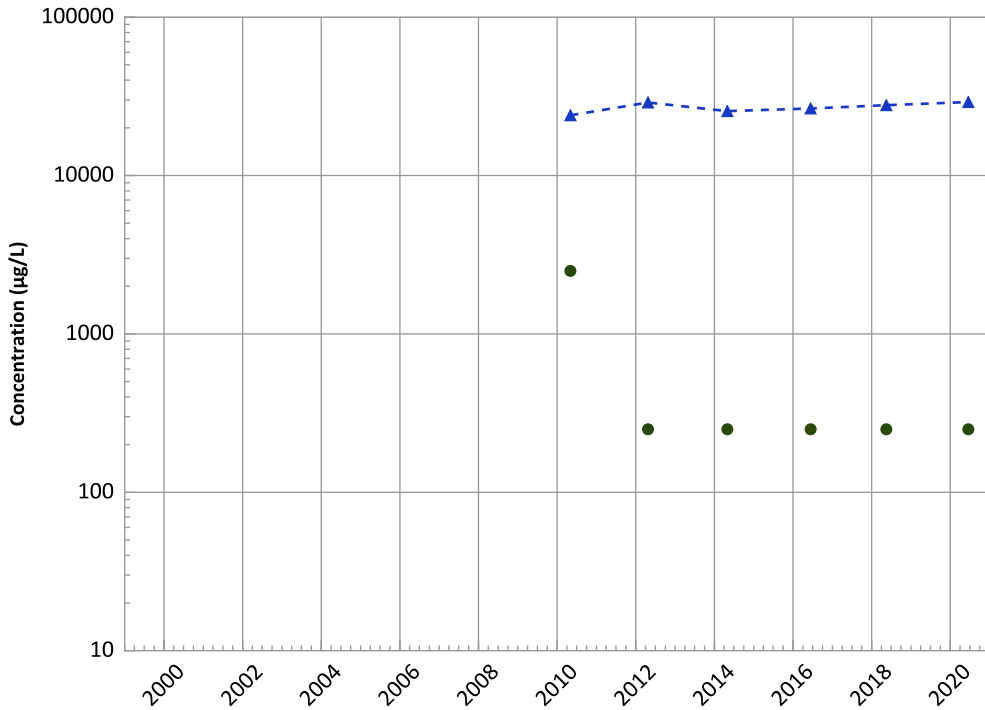
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

MAROS Linear Regression Method

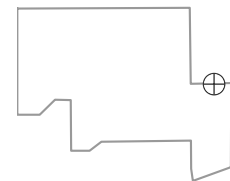
2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

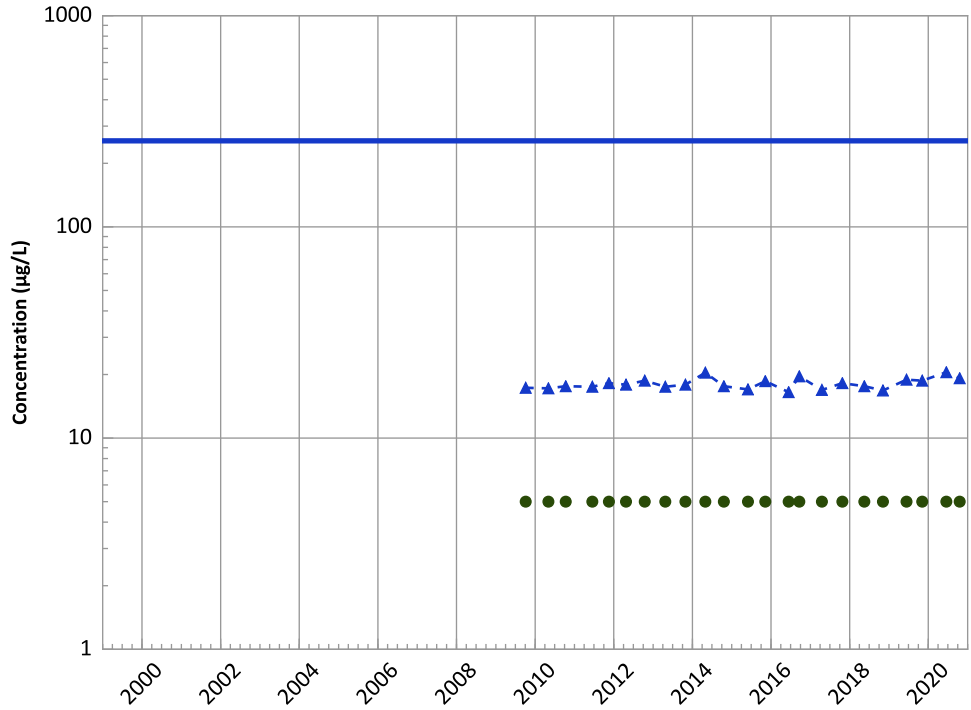
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
No Trend

All Data:
Probably Increasing

MAROS Linear Regression Method

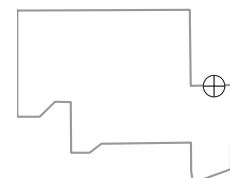
2018 - 2020 Data:
No Trend

All Data:
Probably Increasing

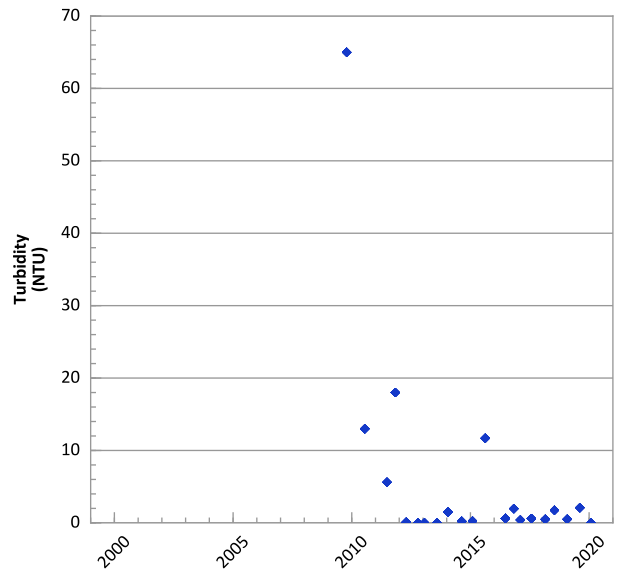
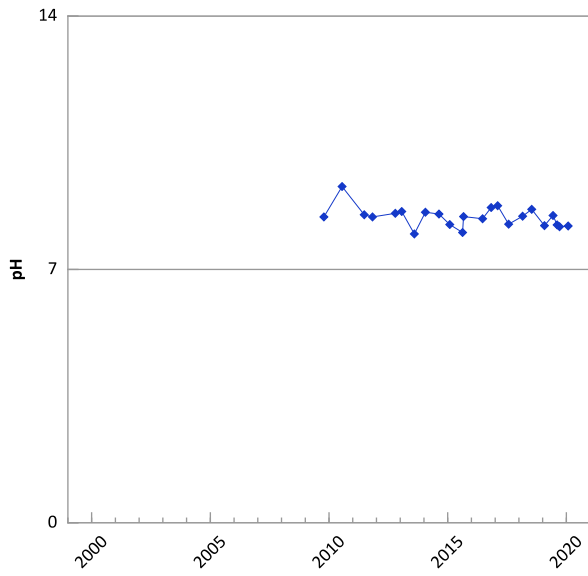
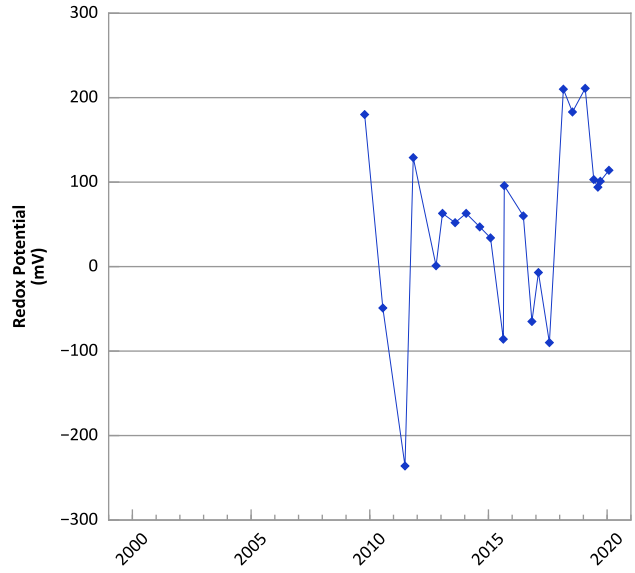
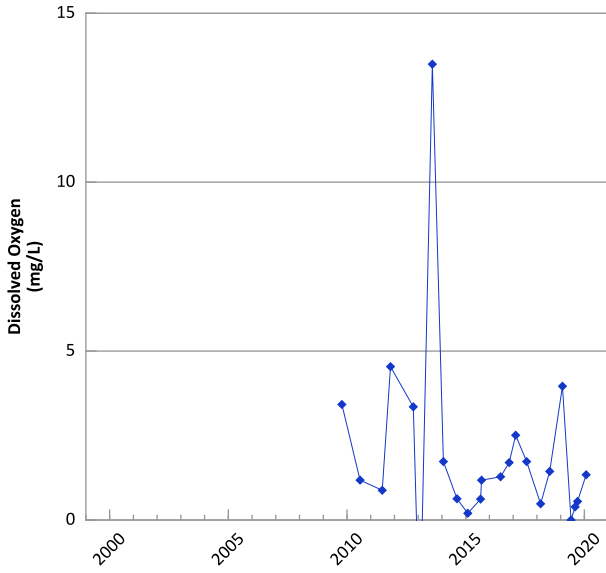
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/05/2009 to 10/19/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

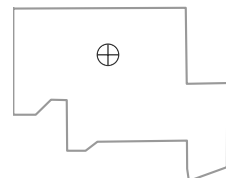


**PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



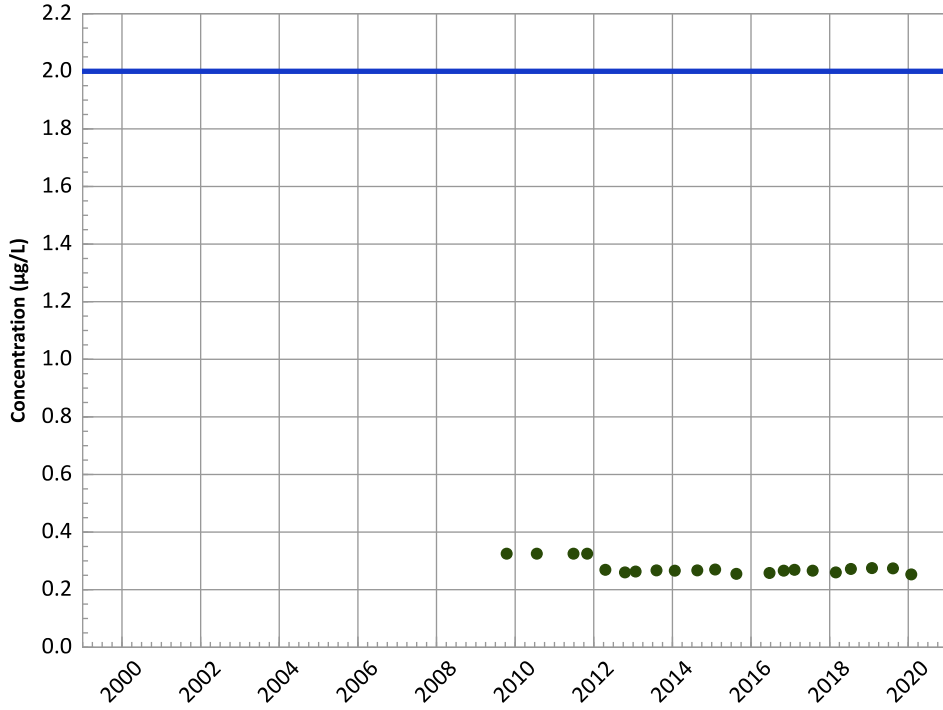
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/14/2009 to 01/29/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

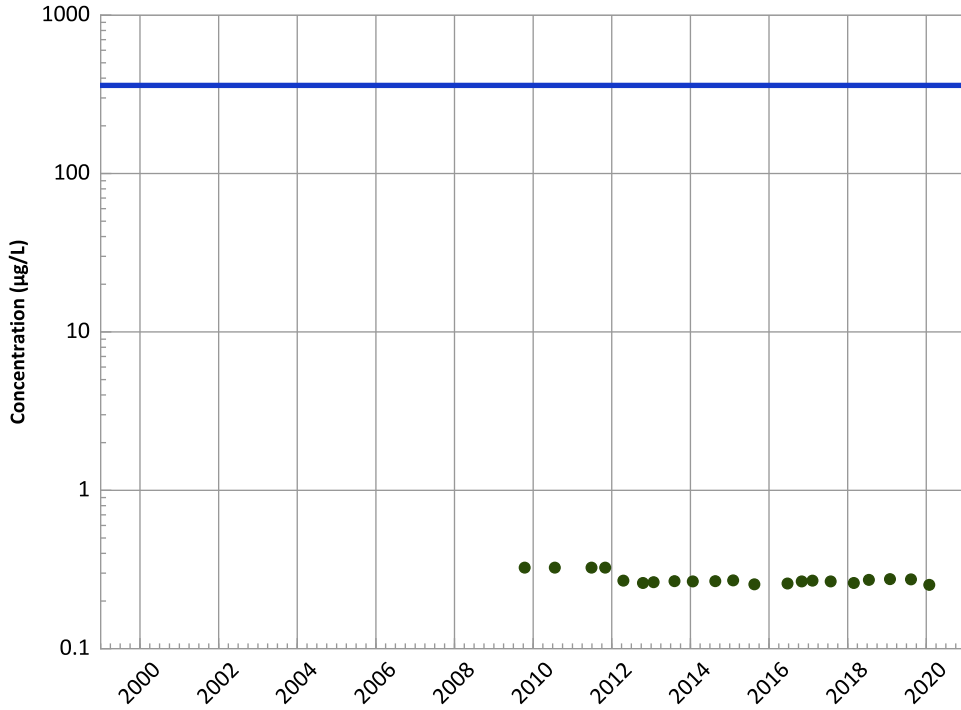
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

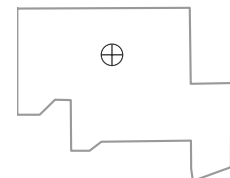
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

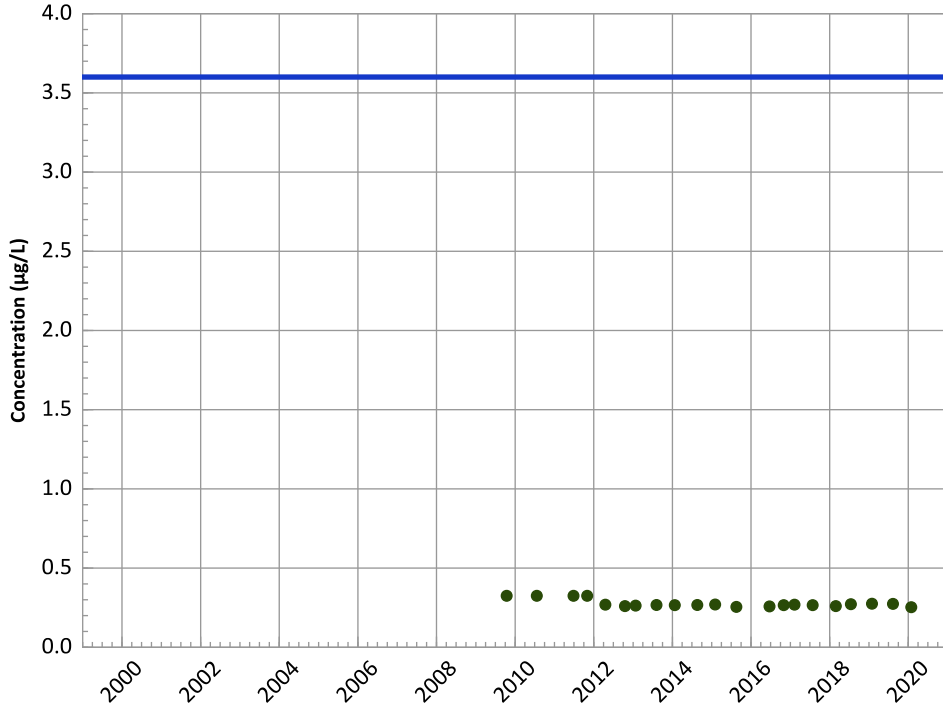
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

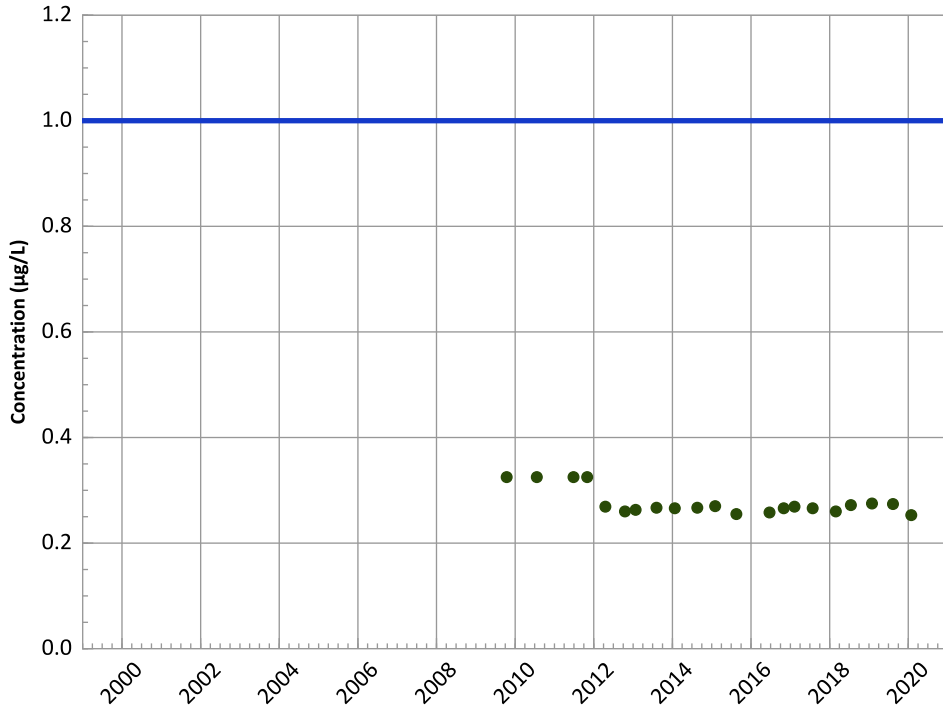
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

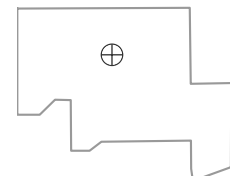
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

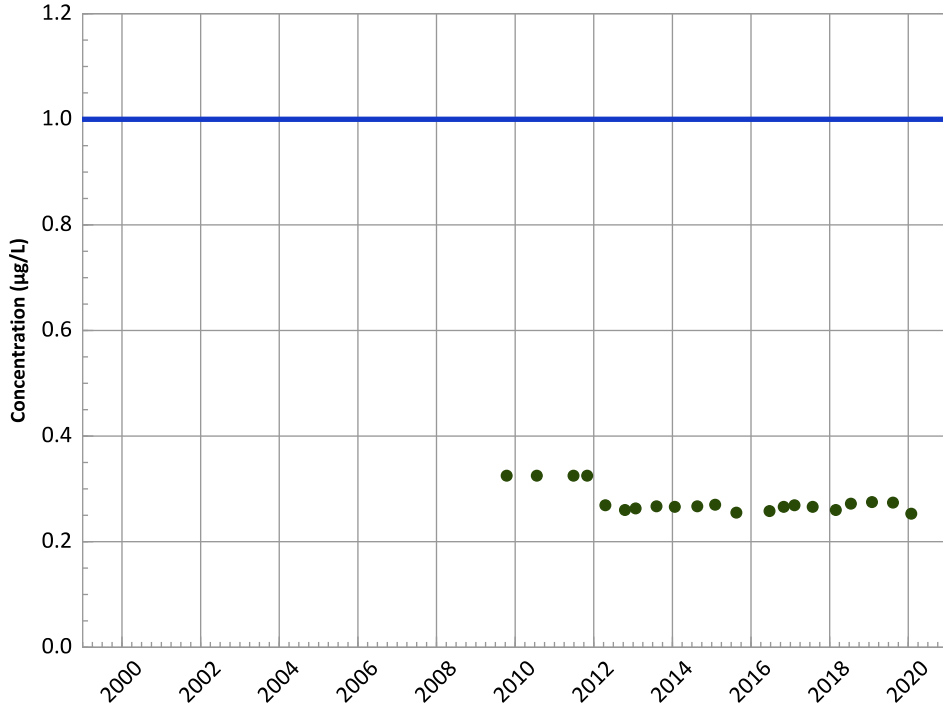


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

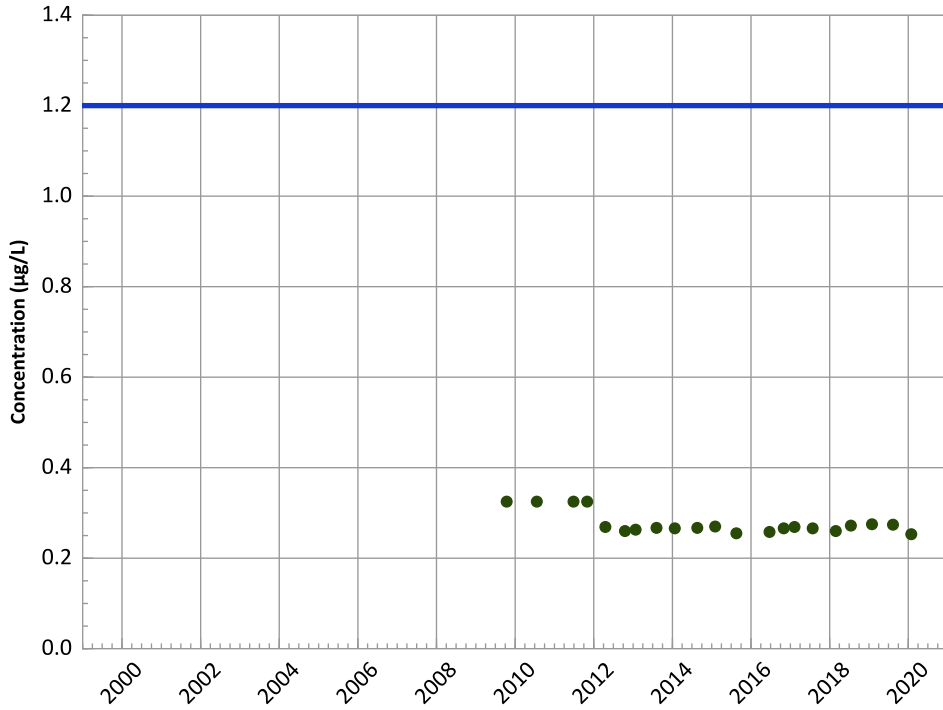
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

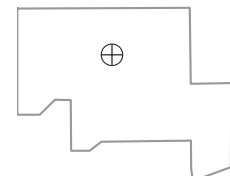
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

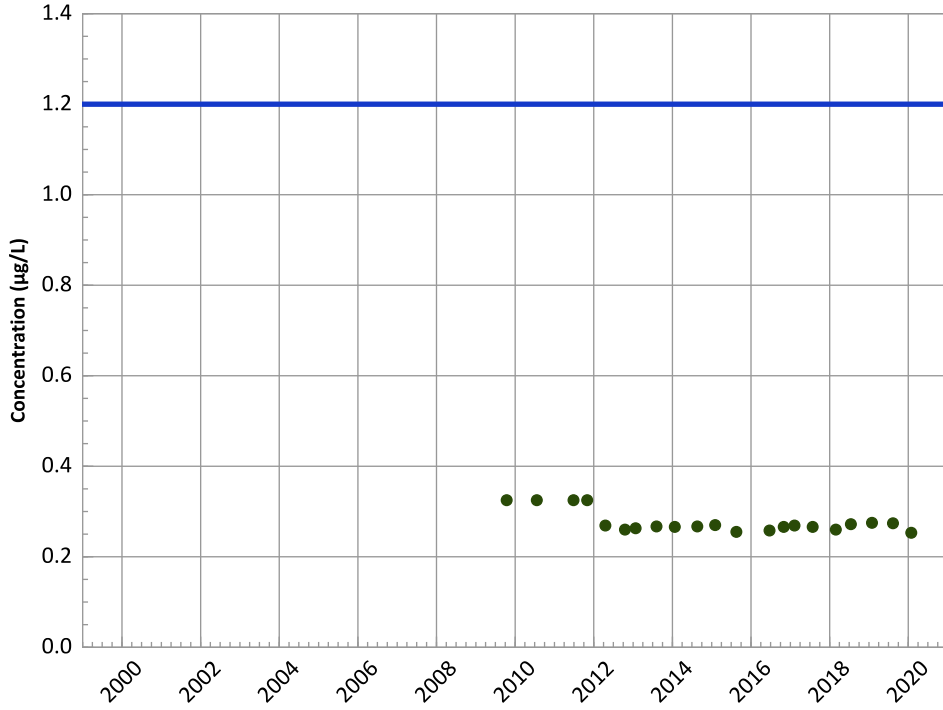


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

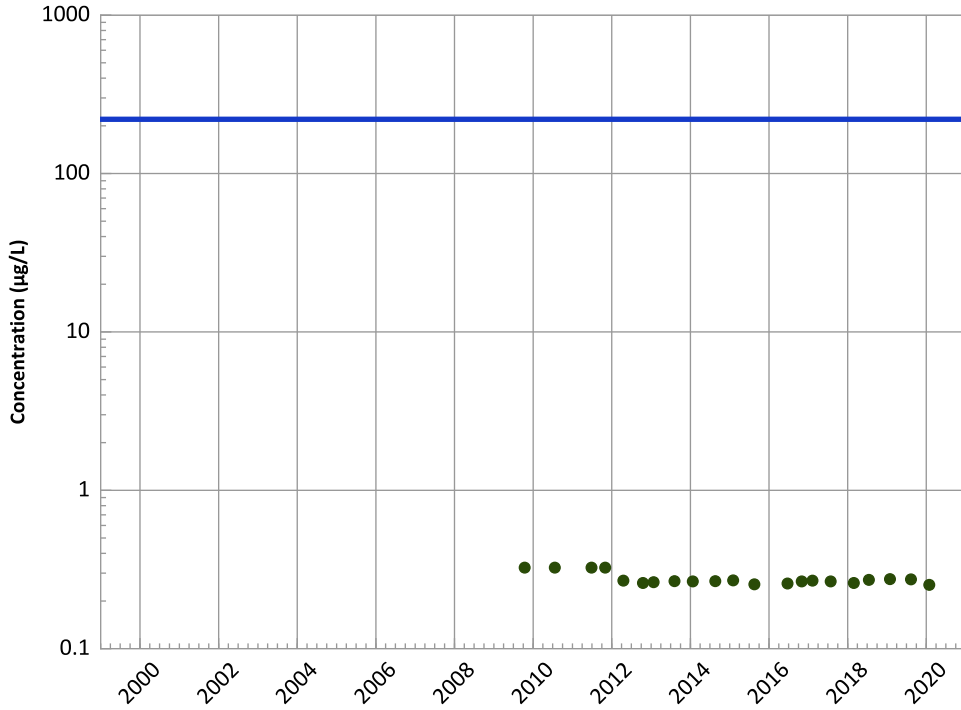
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

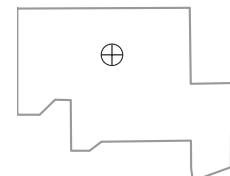
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

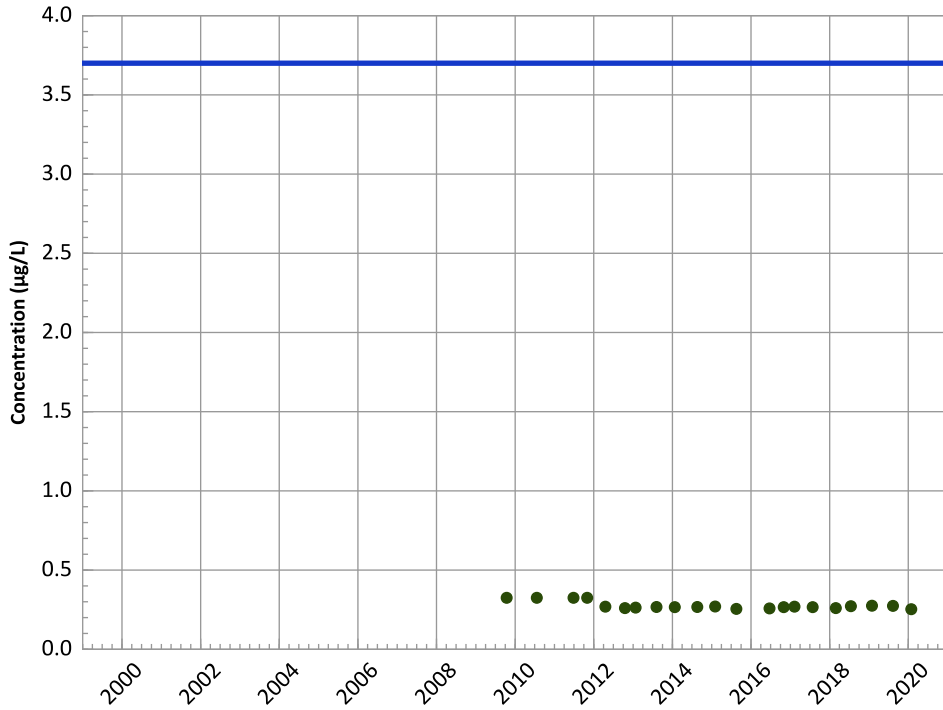


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

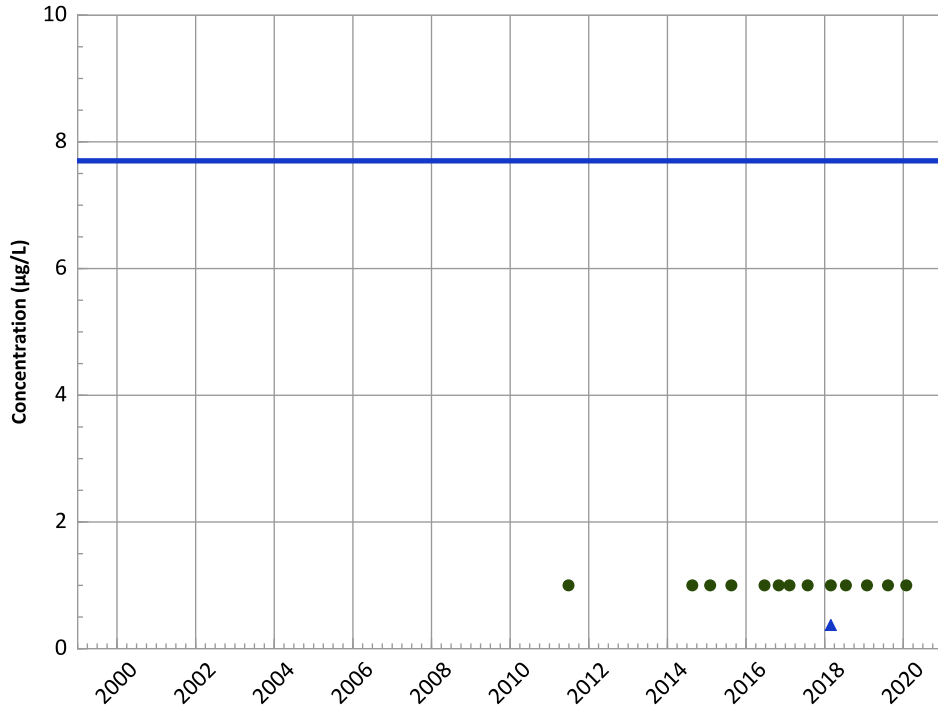
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

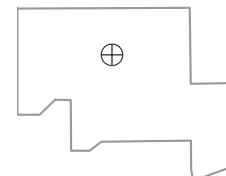
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

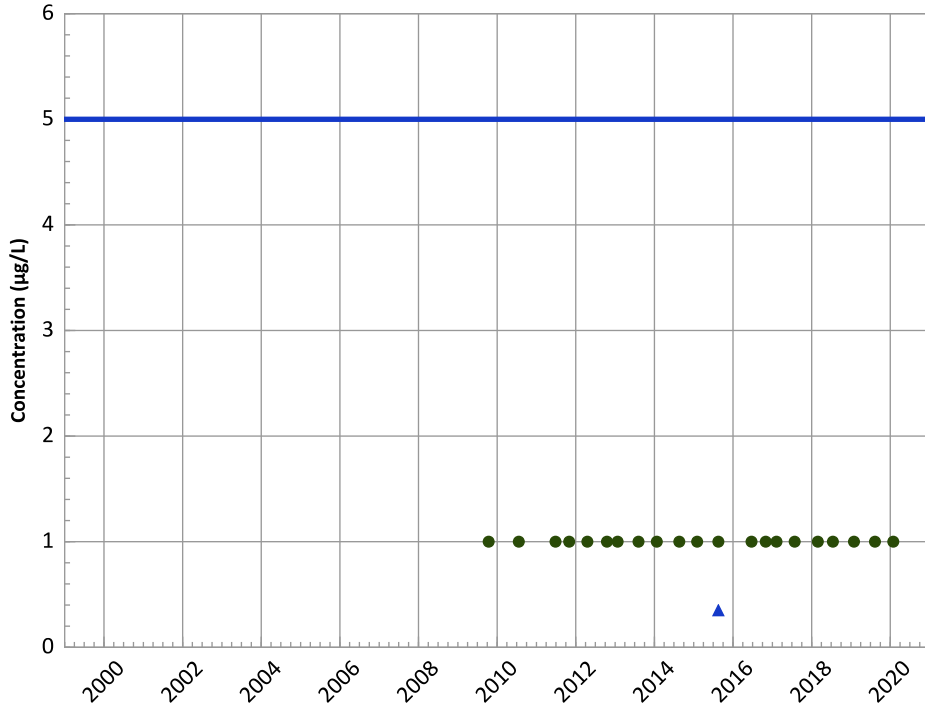
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

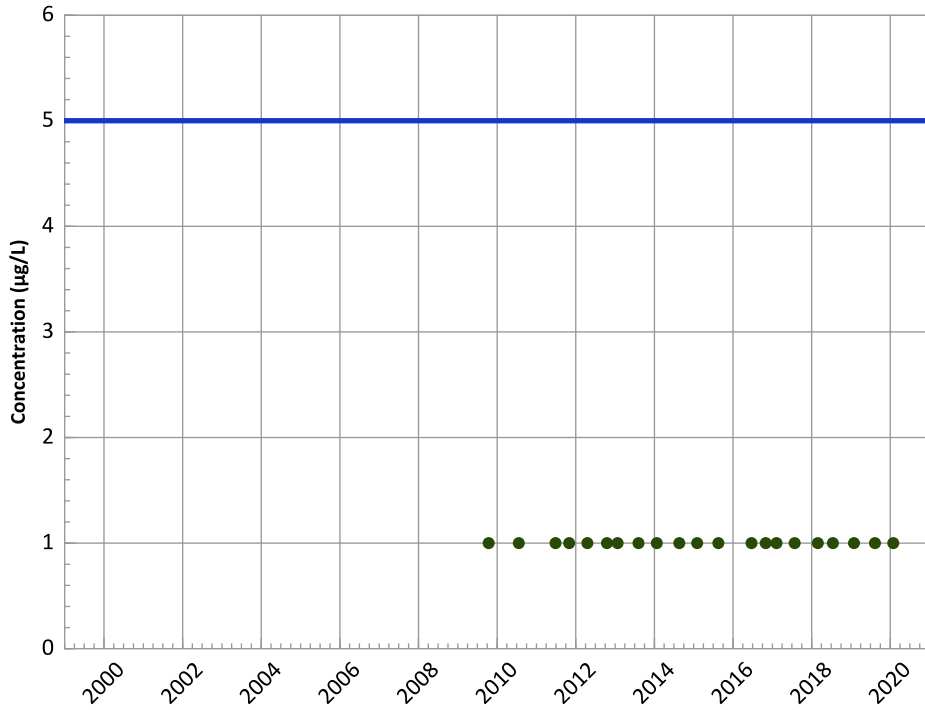
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

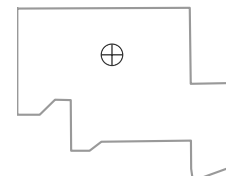
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

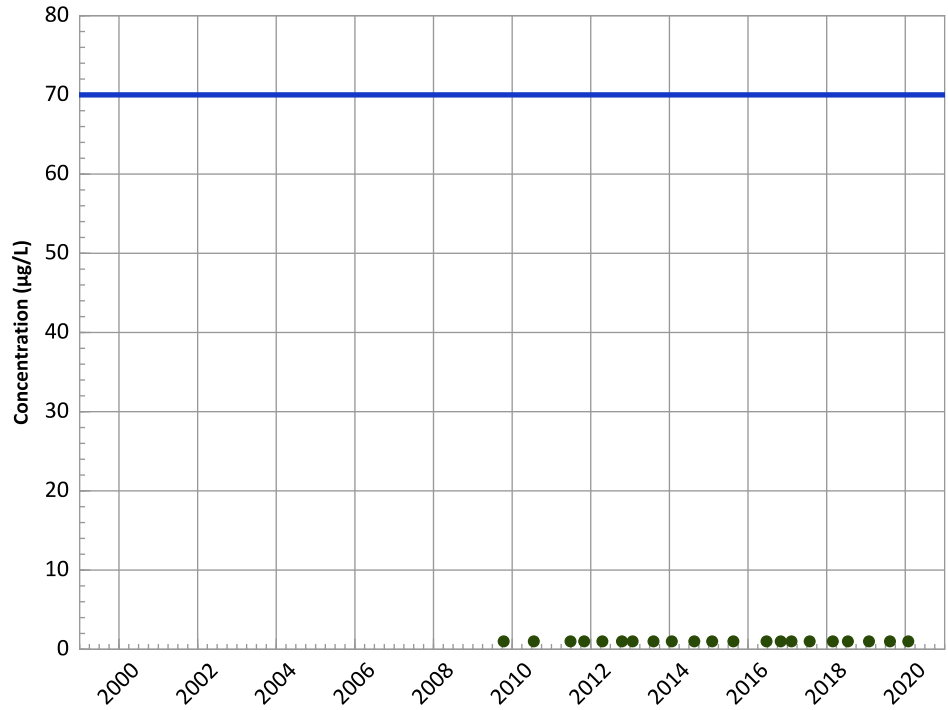
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

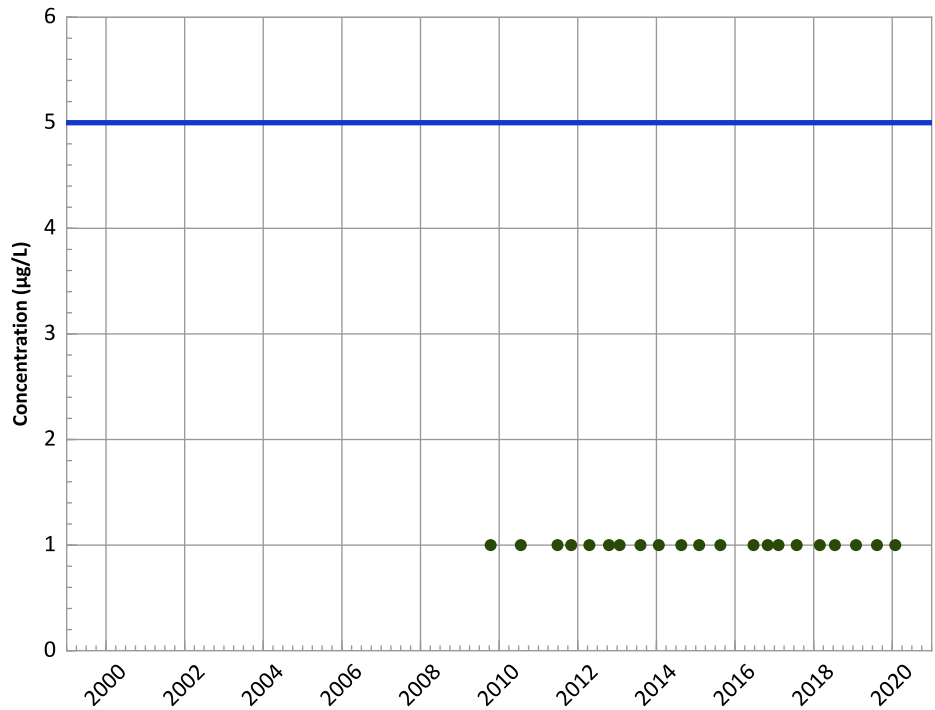
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

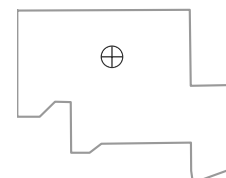
All Data:

All Non-Detect

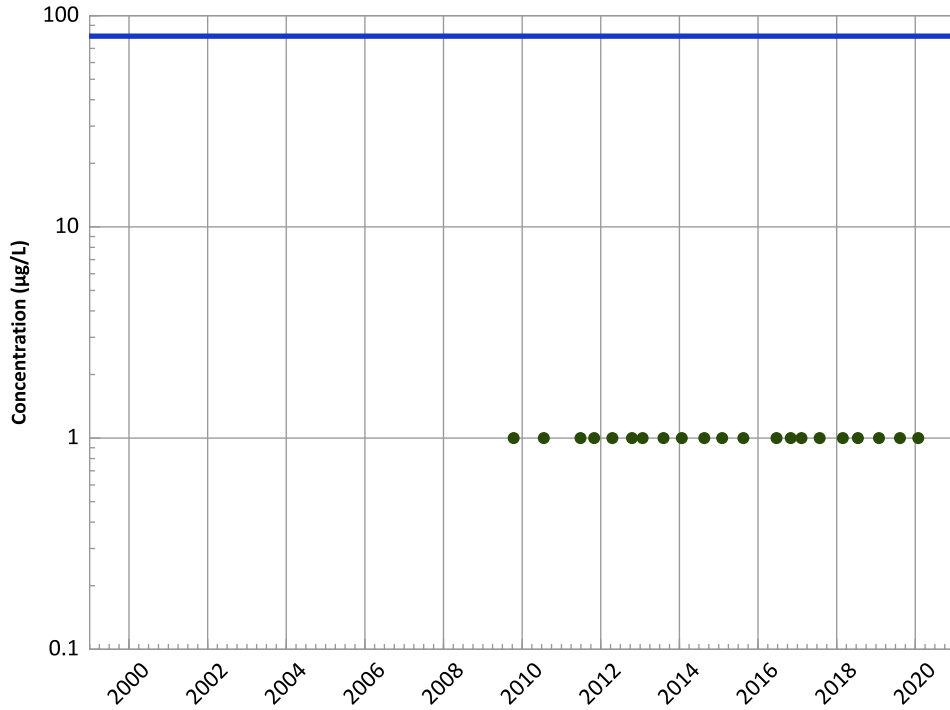
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

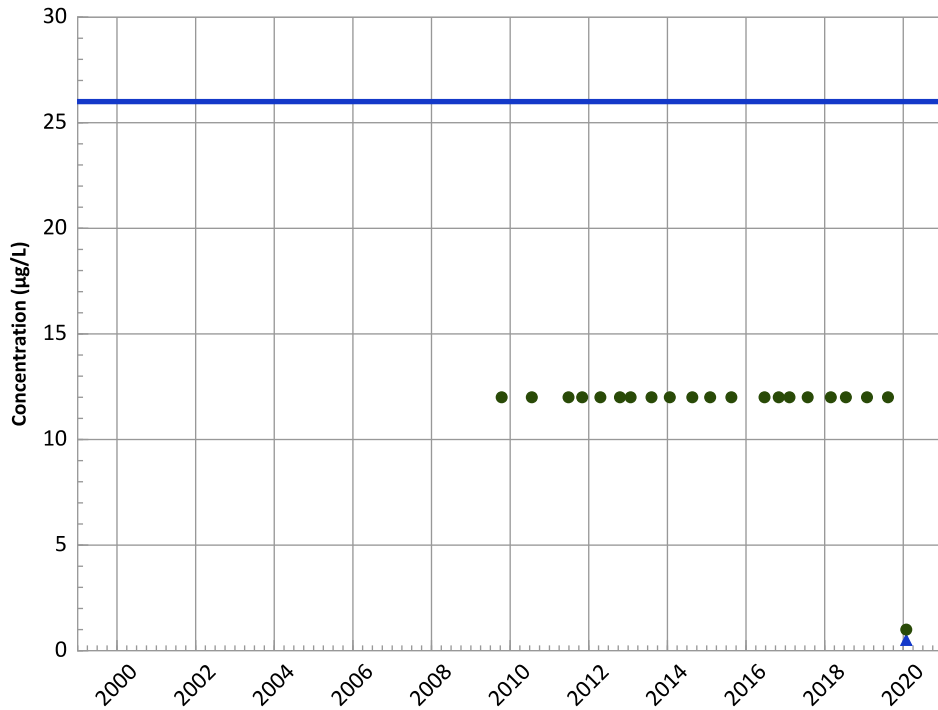


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

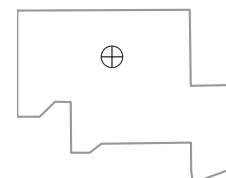


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

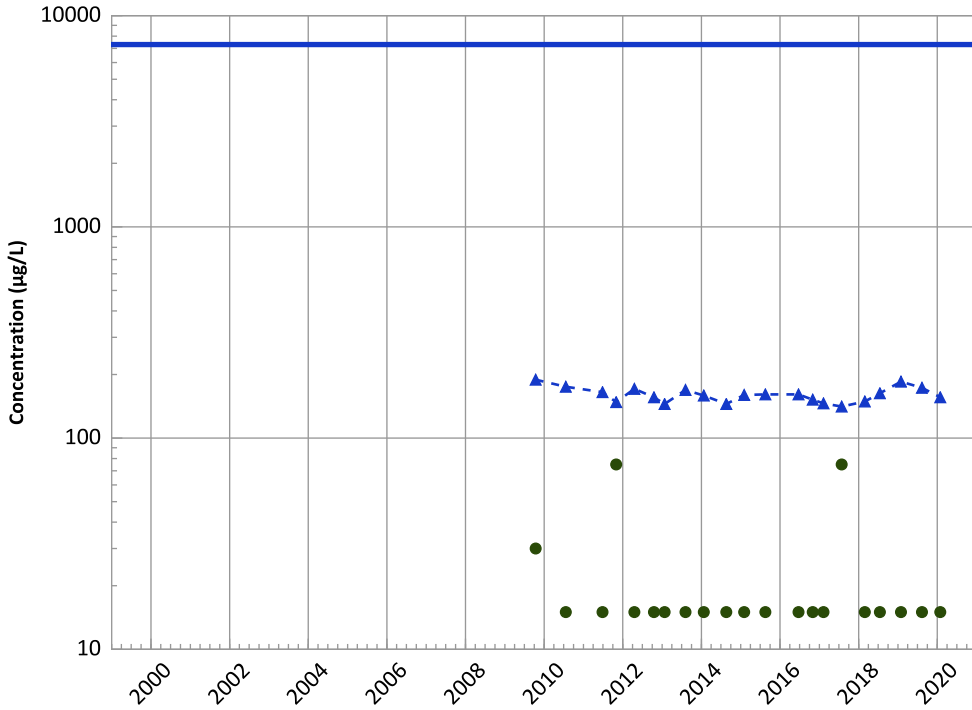


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

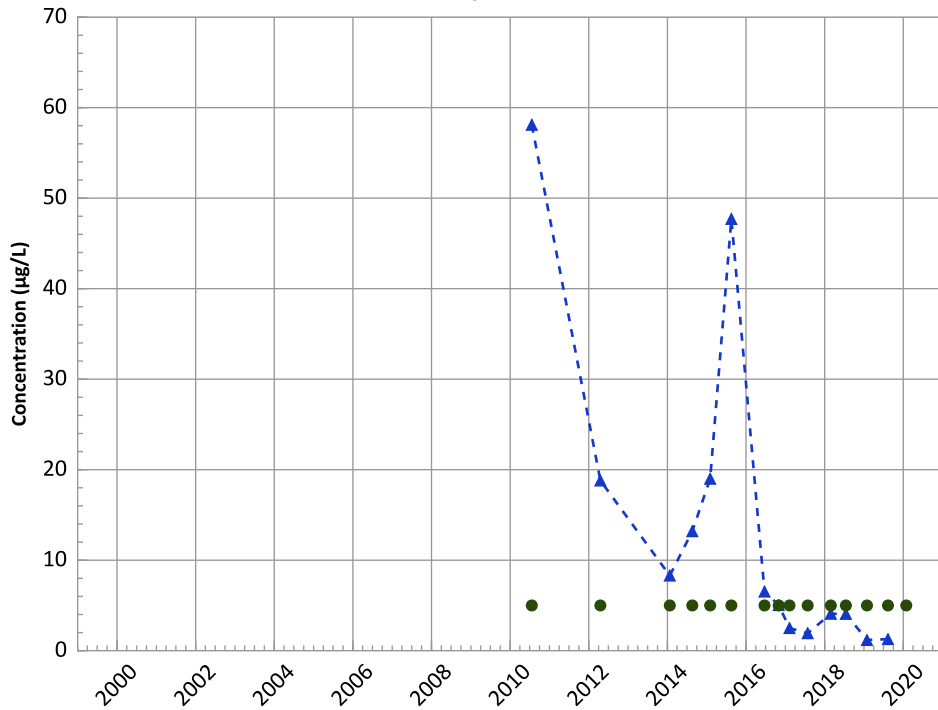
2018 - 2020 Data:

Stable

All Data:

Stable

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

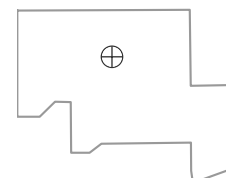
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Well Location

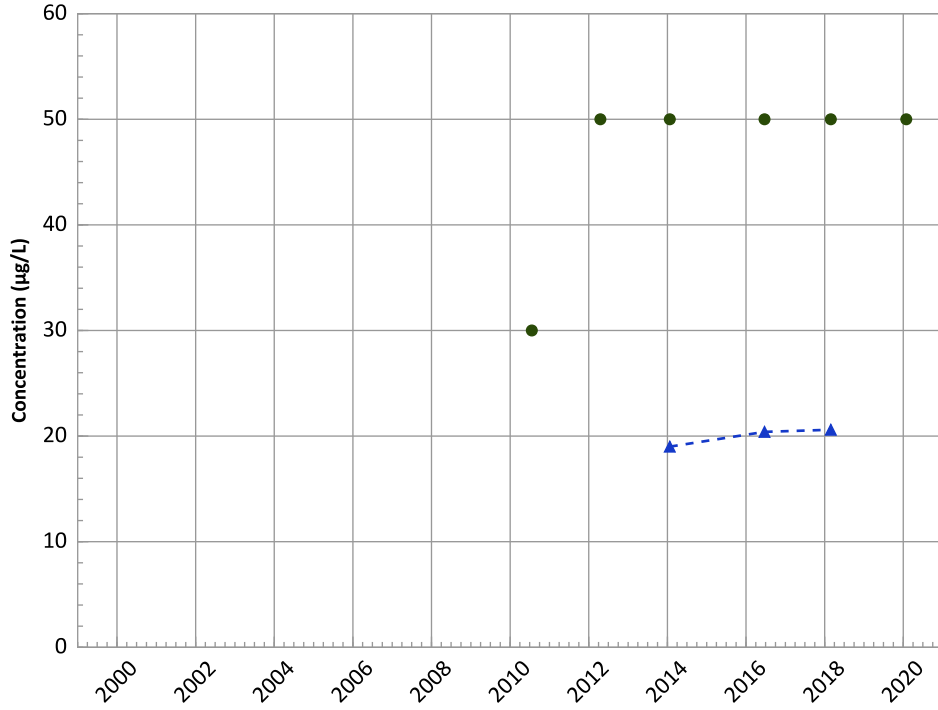


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

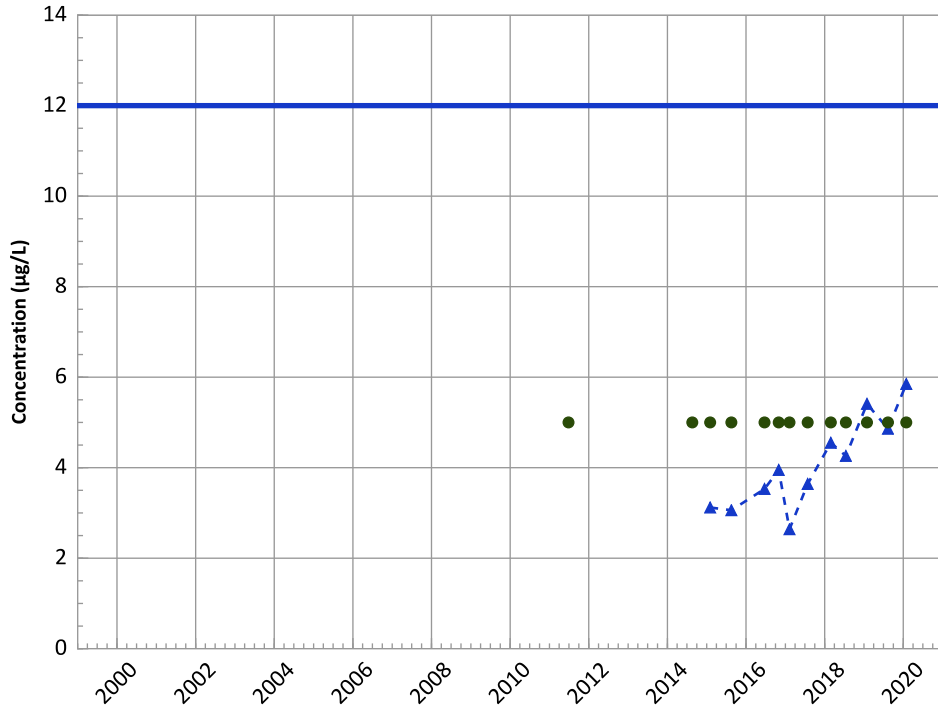


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend

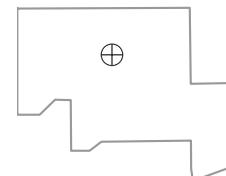


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Well Location

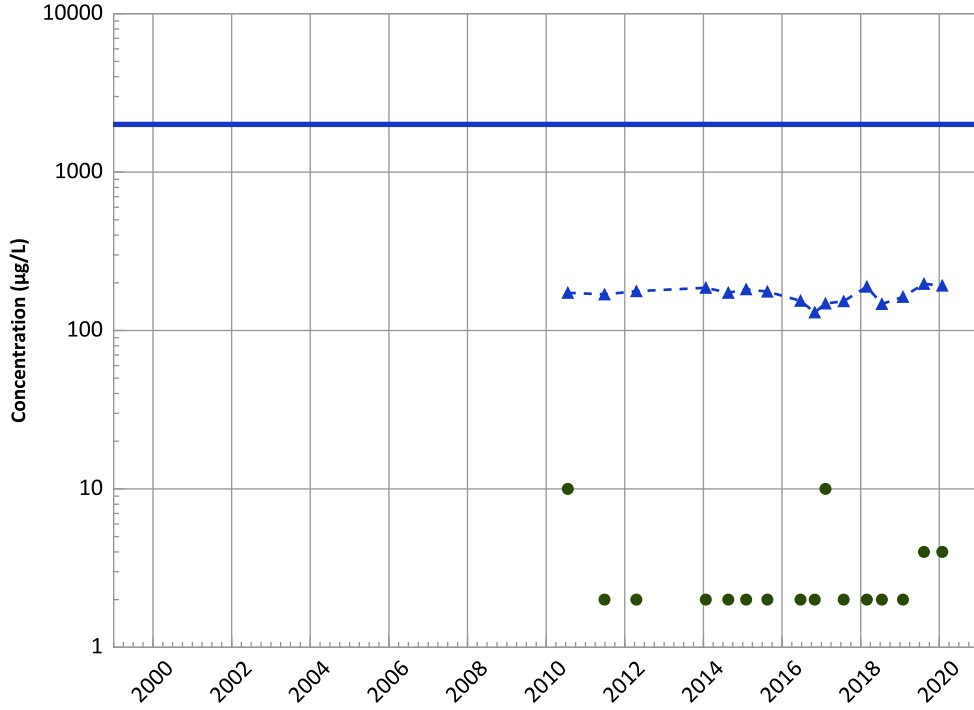


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

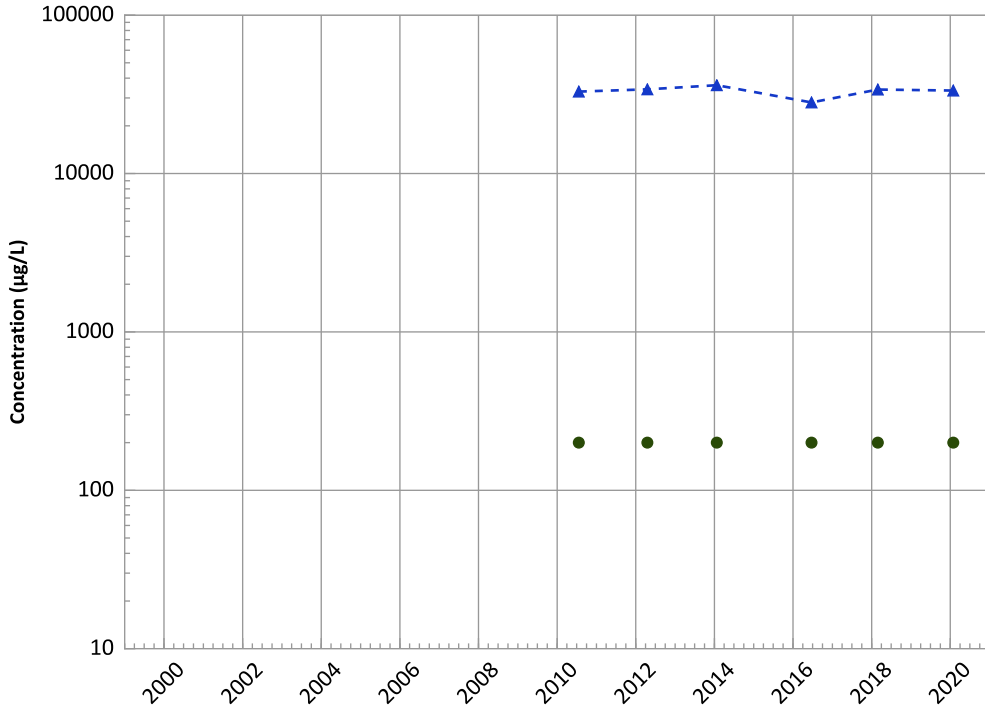
2018 - 2020 Data:

Probably Increasing

All Data:

Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

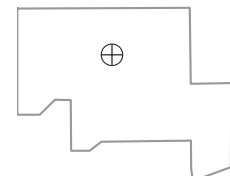
2018 - 2020 Data:

Decreasing

All Data:

Stable

Well Location

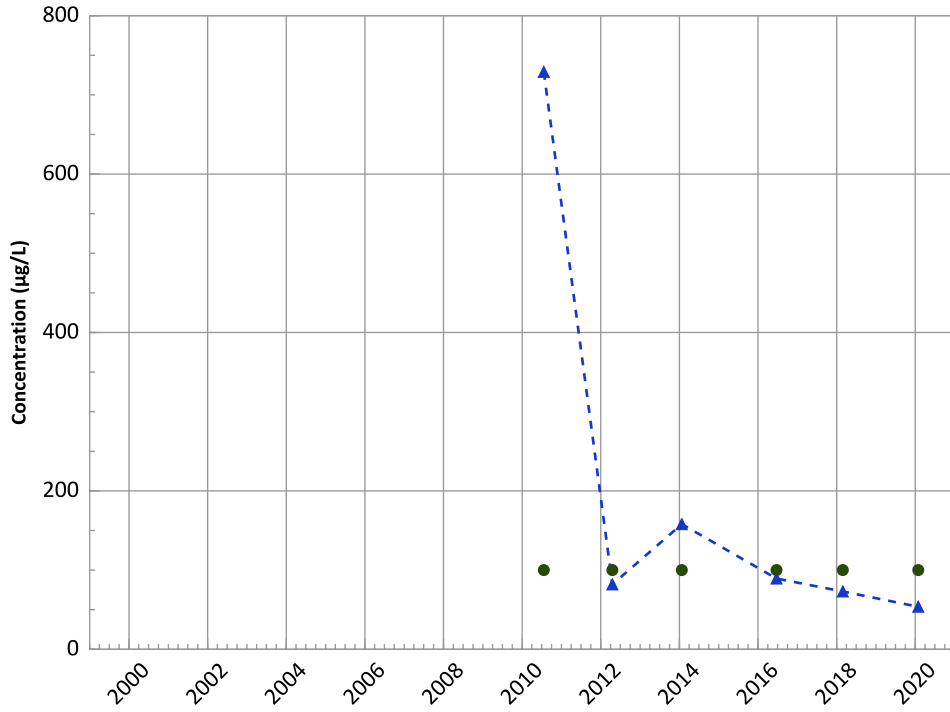


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

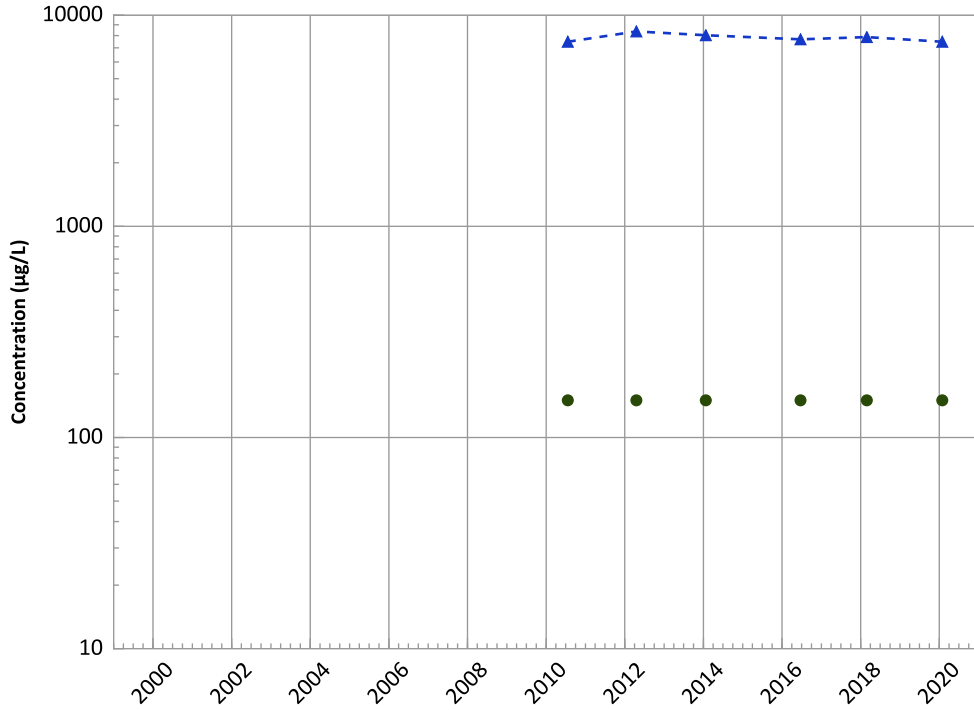
2018 - 2020 Data:

Decreasing

All Data:

Decreasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

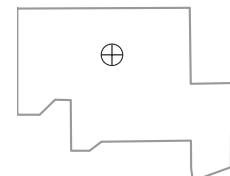
2018 - 2020 Data:

Probably Decreasing

All Data:

Stable

Well Location

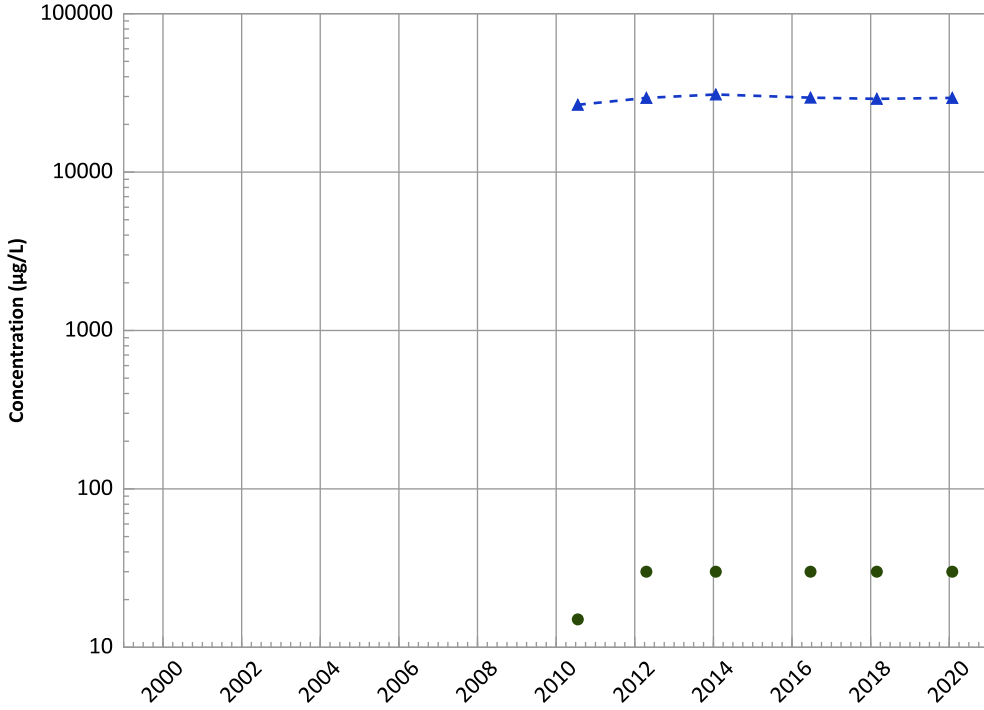


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

No Trend

MAROS Linear Regression Method

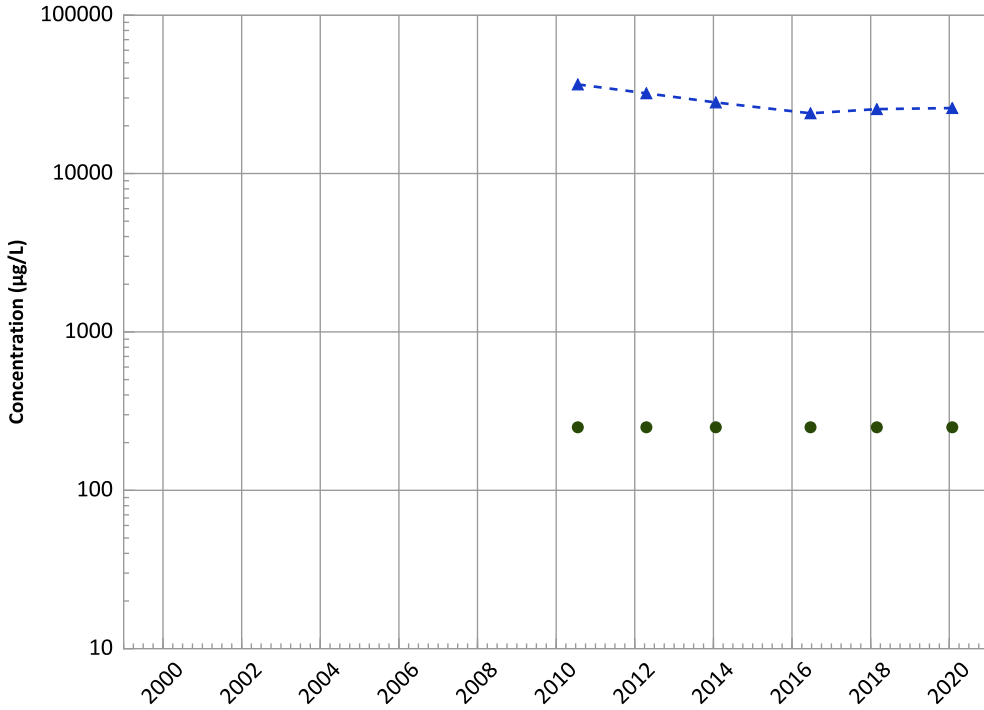
2018 - 2020 Data:

Stable

All Data:

No Trend

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

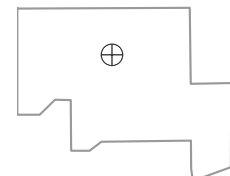
2018 - 2020 Data:

Stable

All Data:

Decreasing

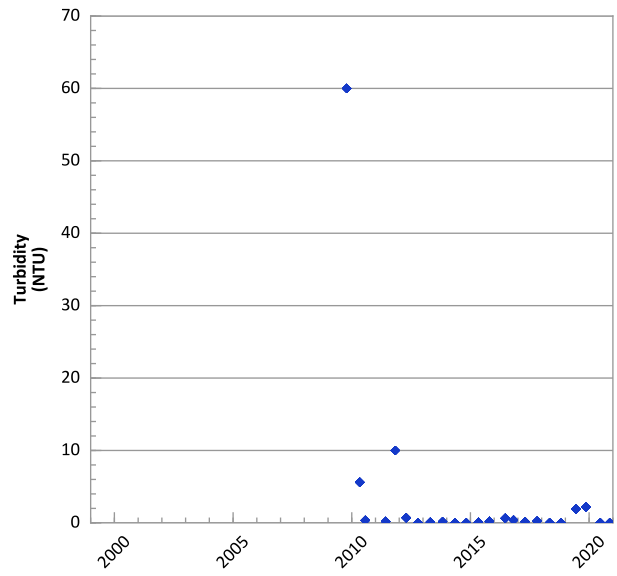
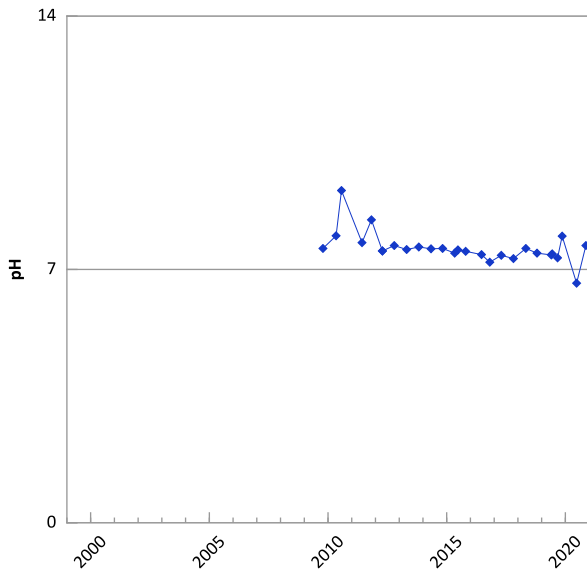
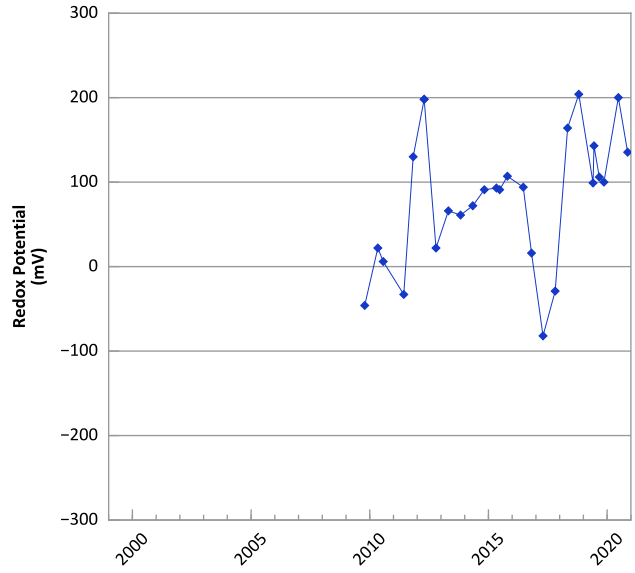
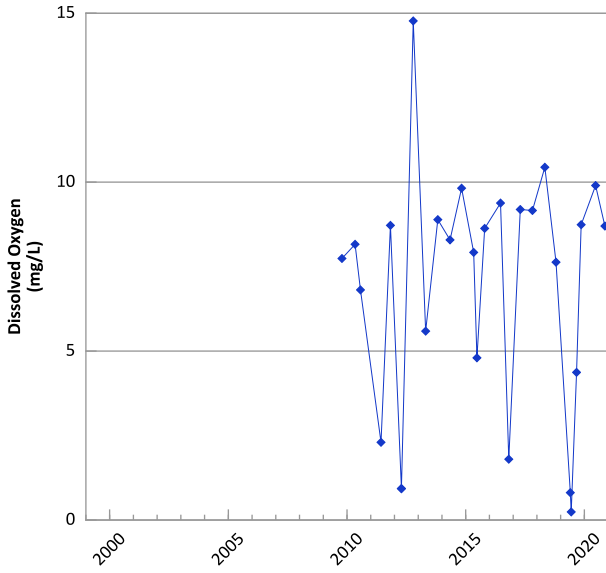
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/14/2009 to 01/29/2020
Analysis Date: 06/03/2021

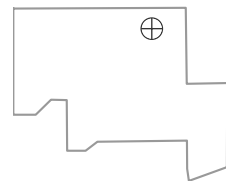
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



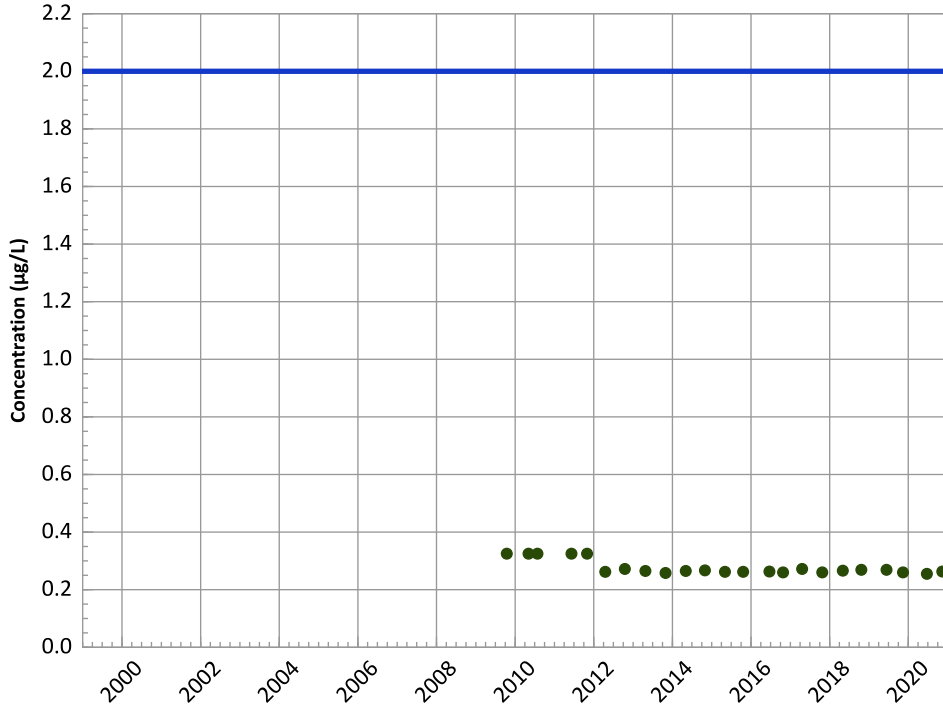
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 10/15/2009 to 11/12/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

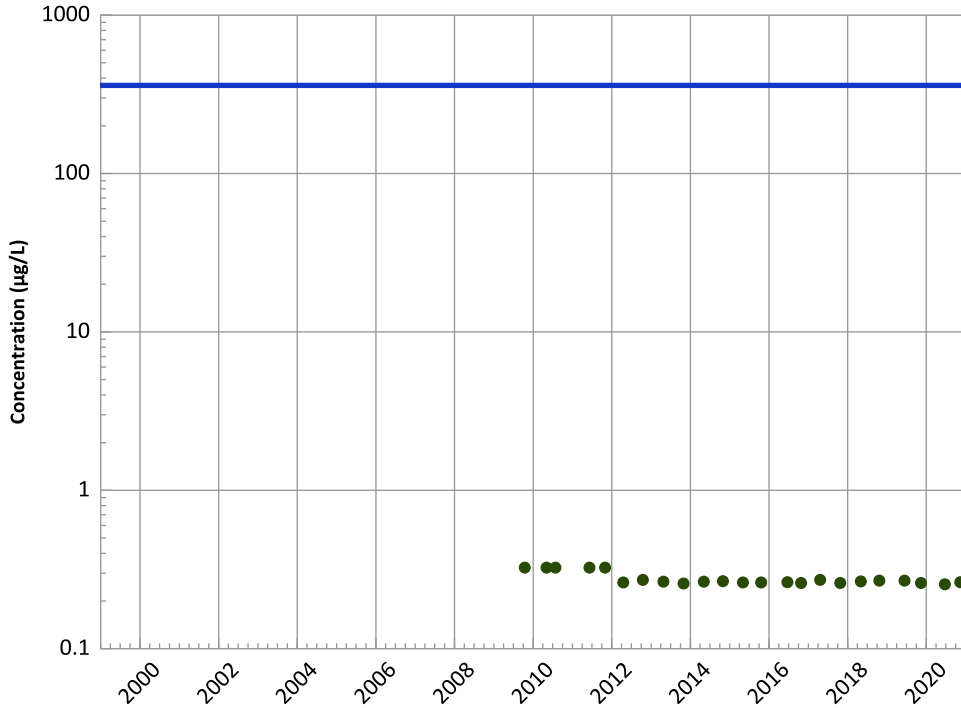
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

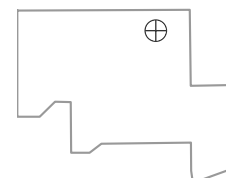
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

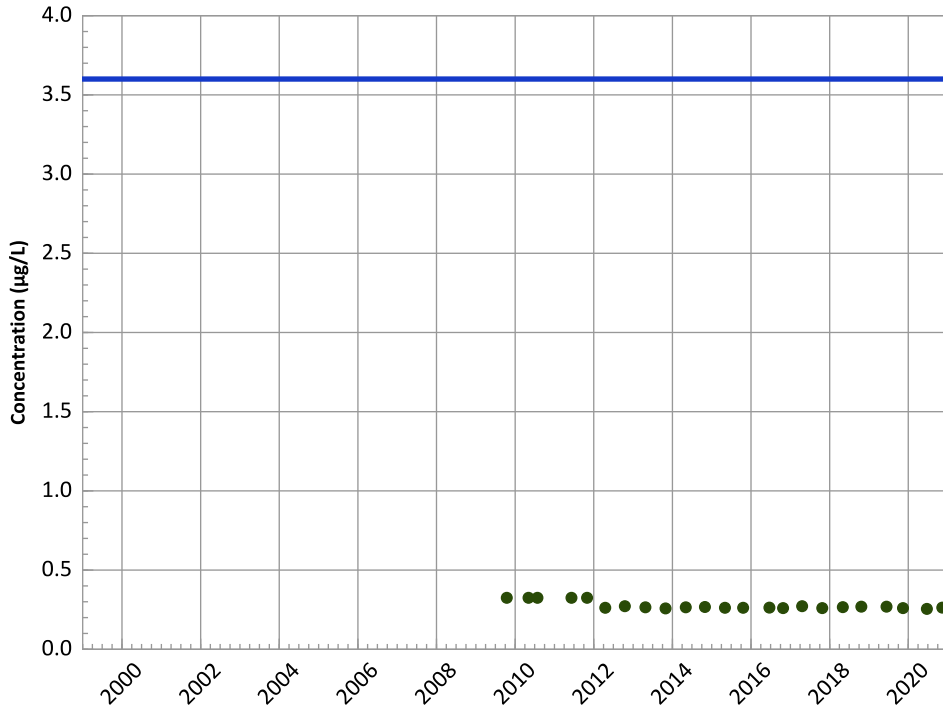


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

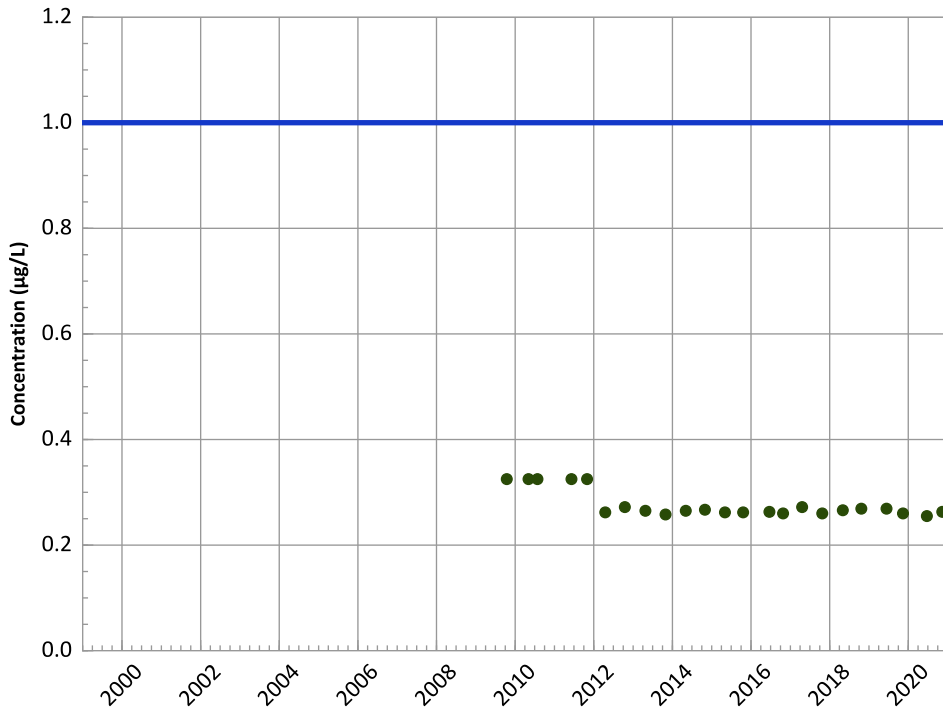
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

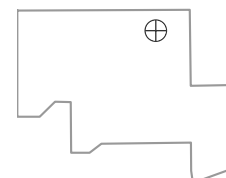
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

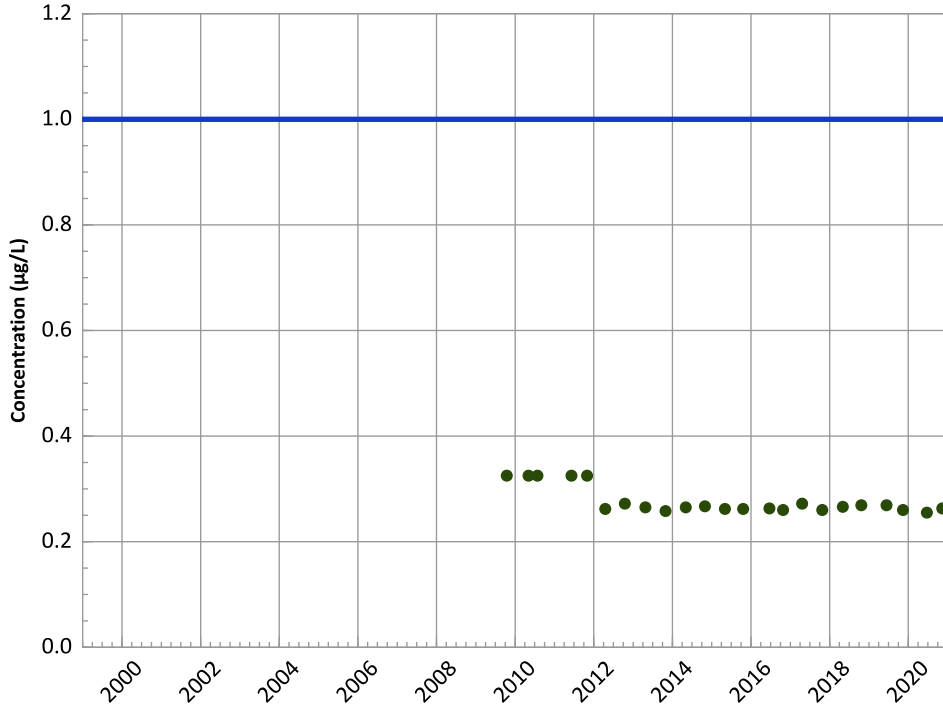


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

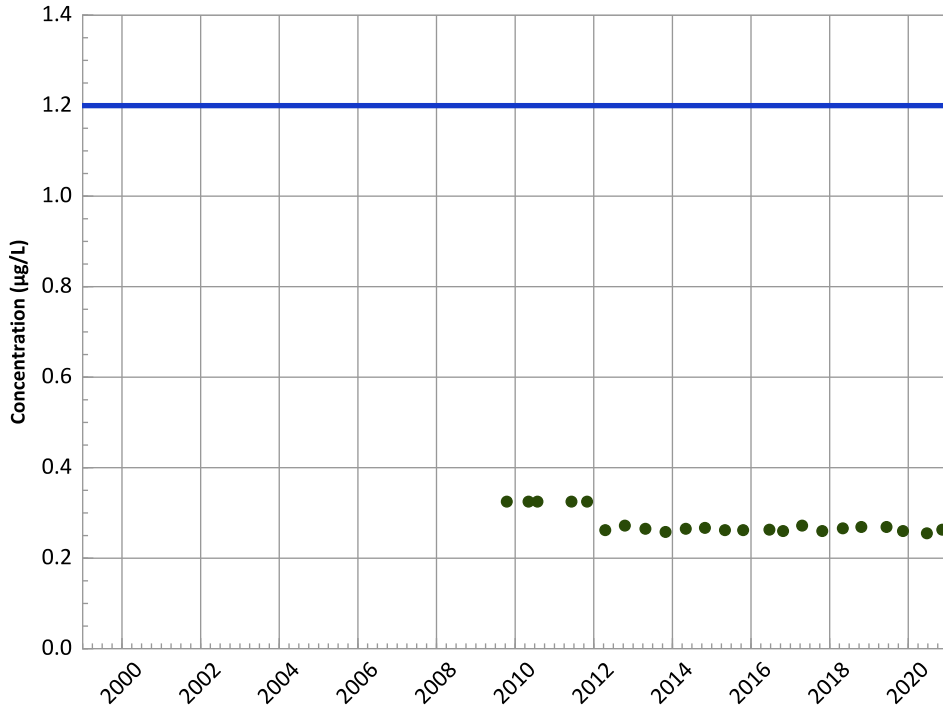
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

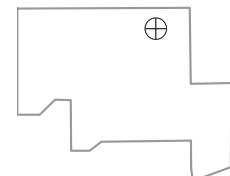
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

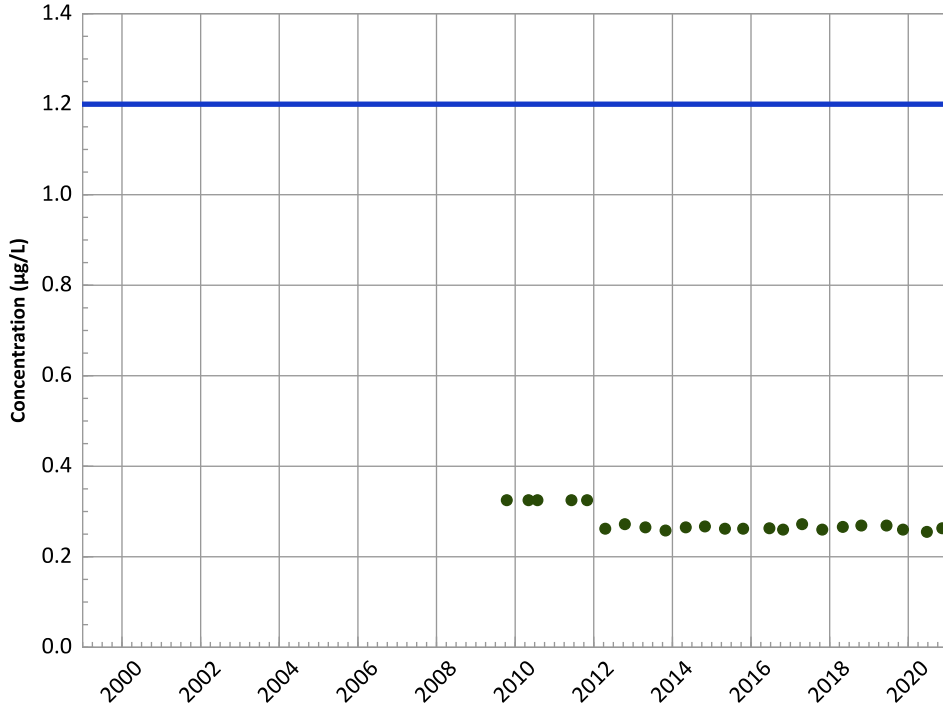


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

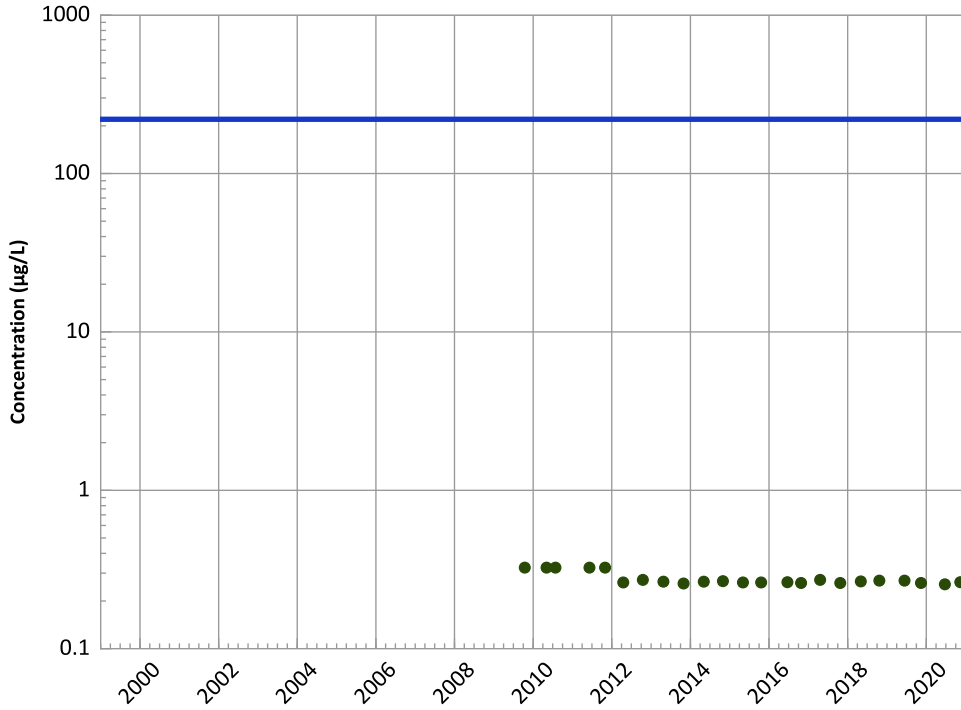
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

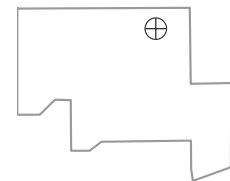
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

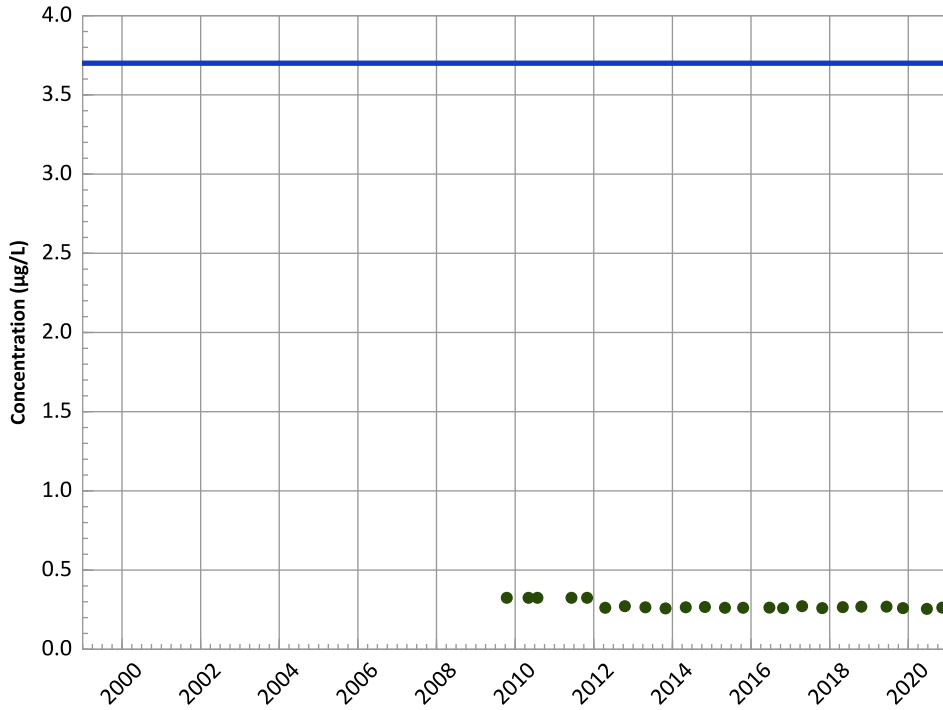


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

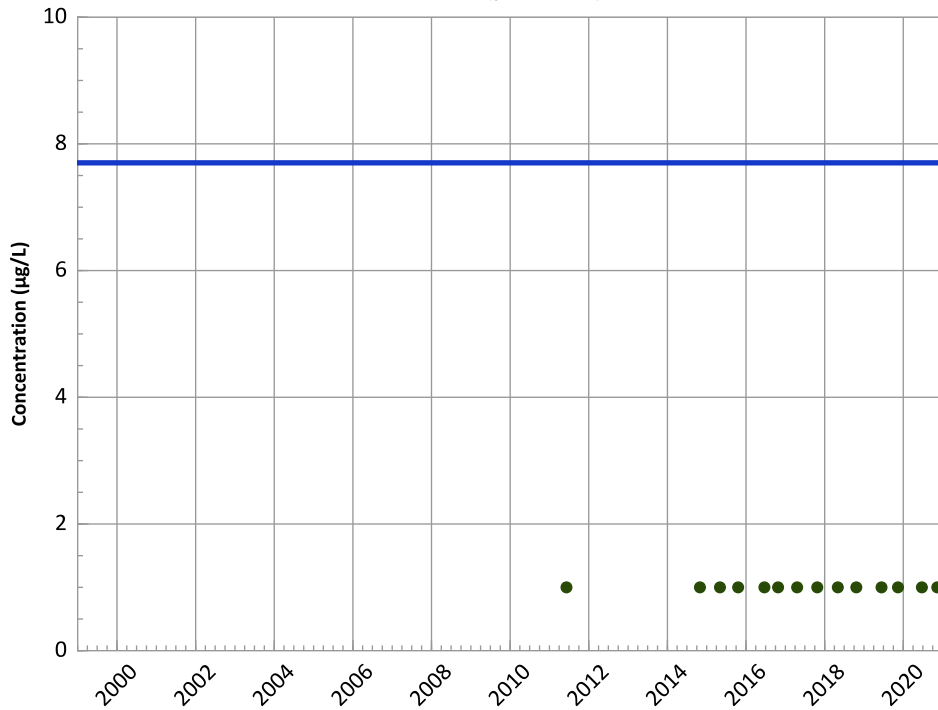
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

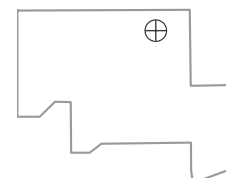
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

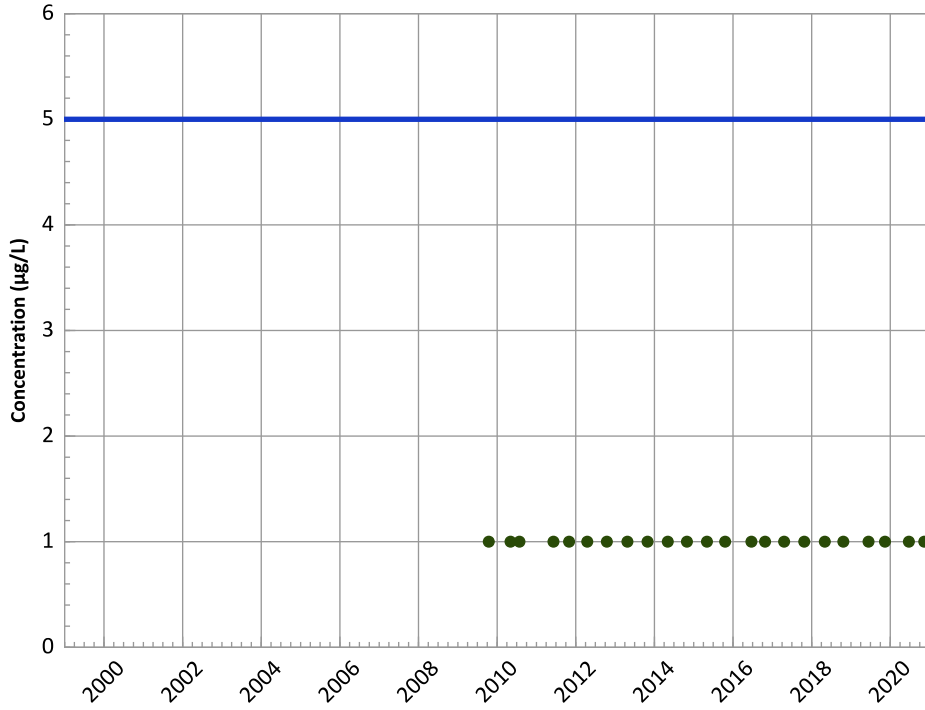
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

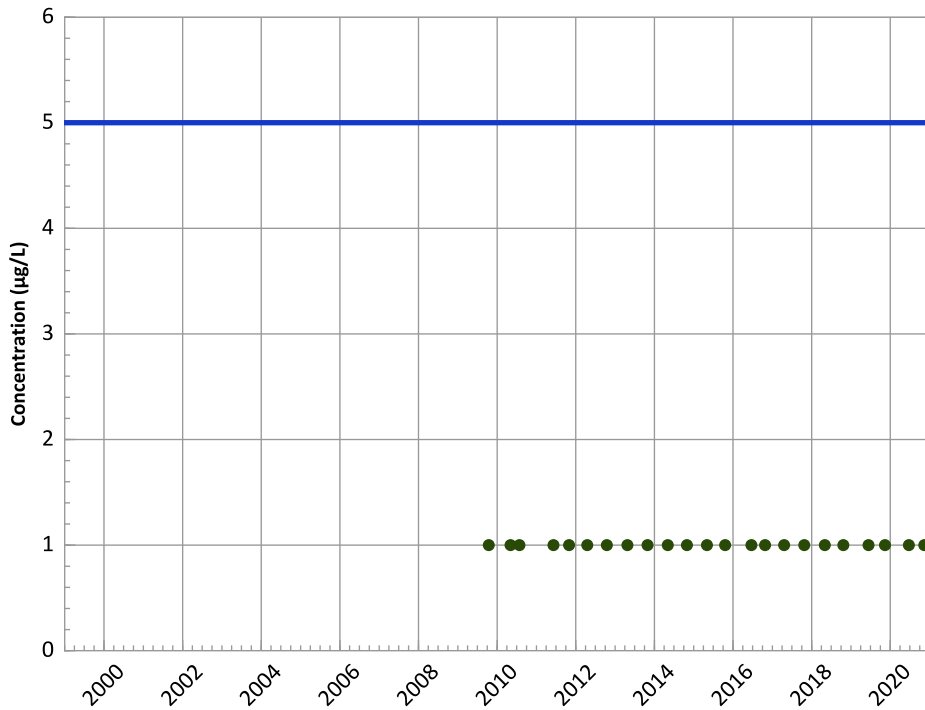
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

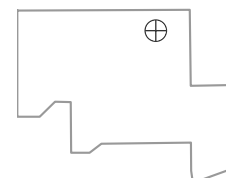
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

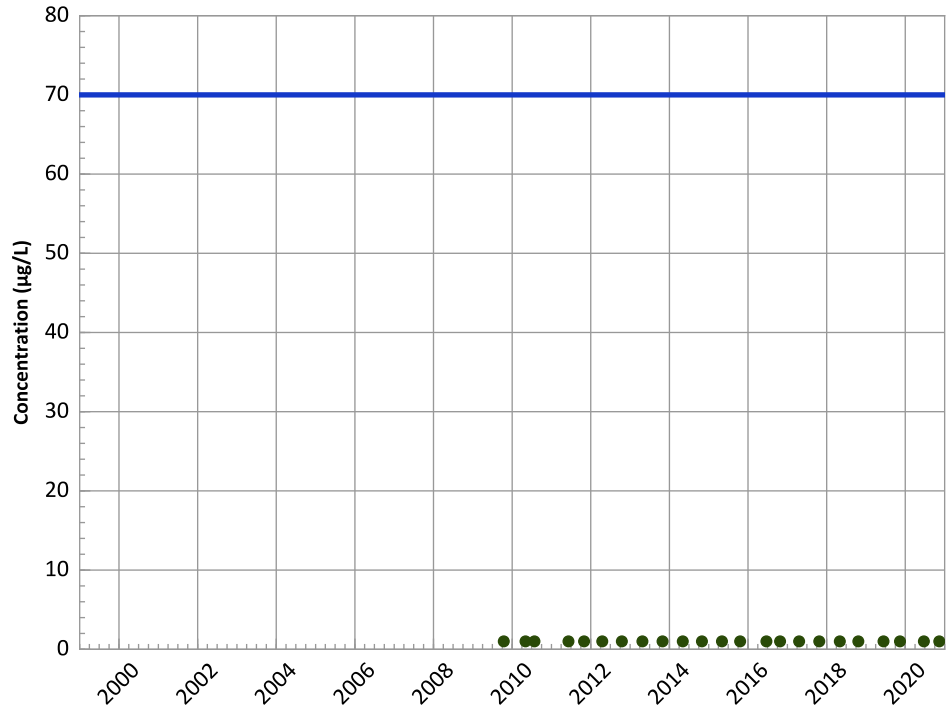
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

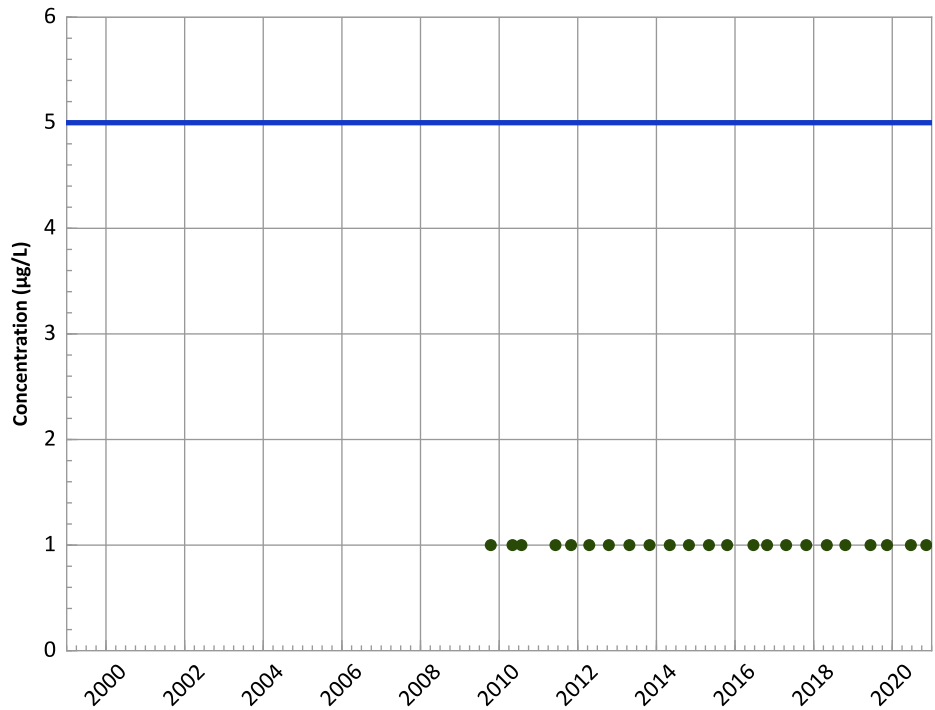
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

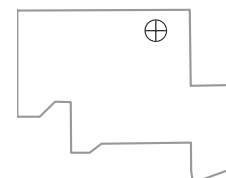
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

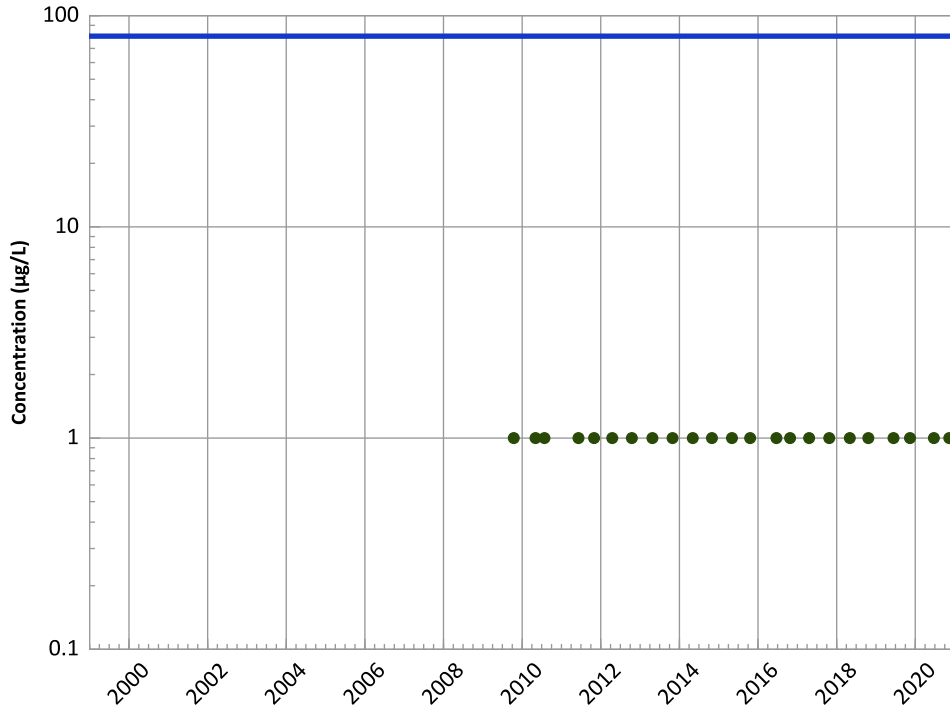
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

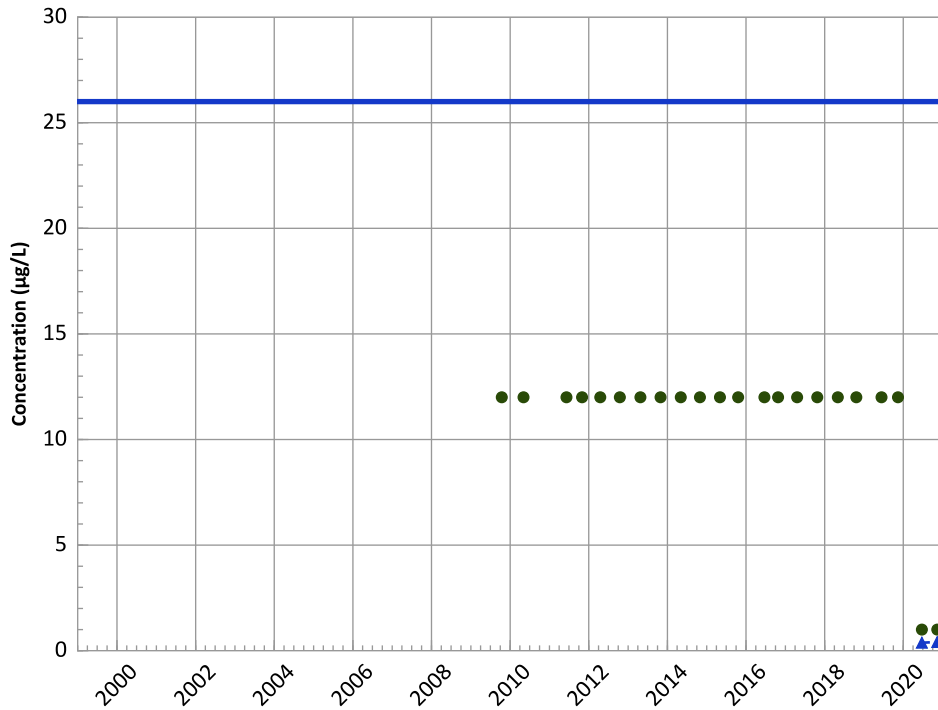


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

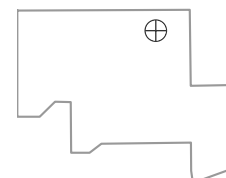


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

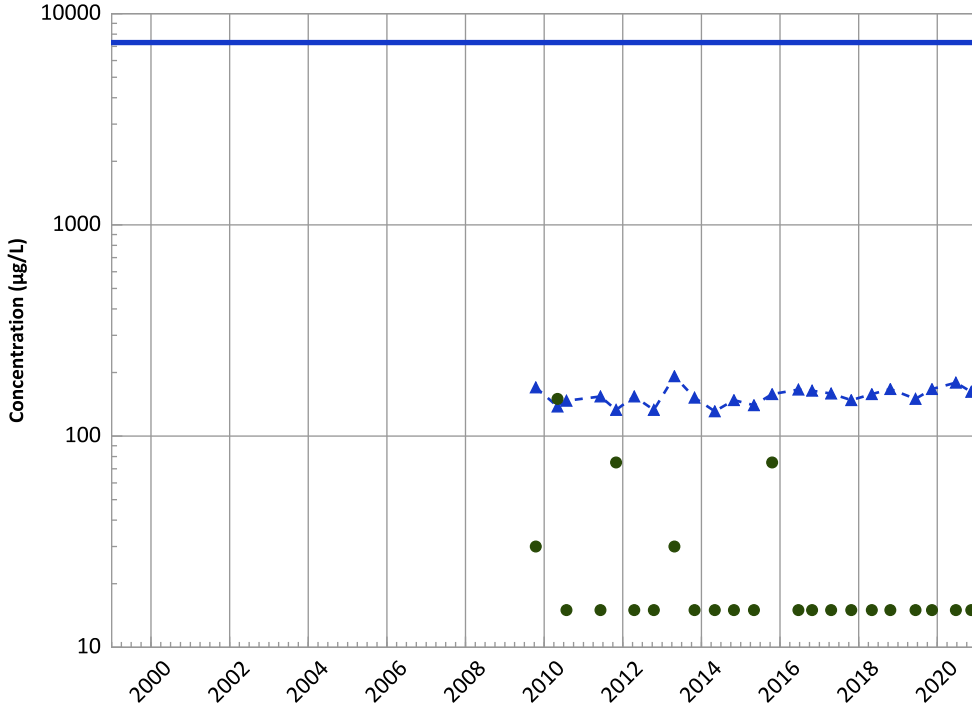


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

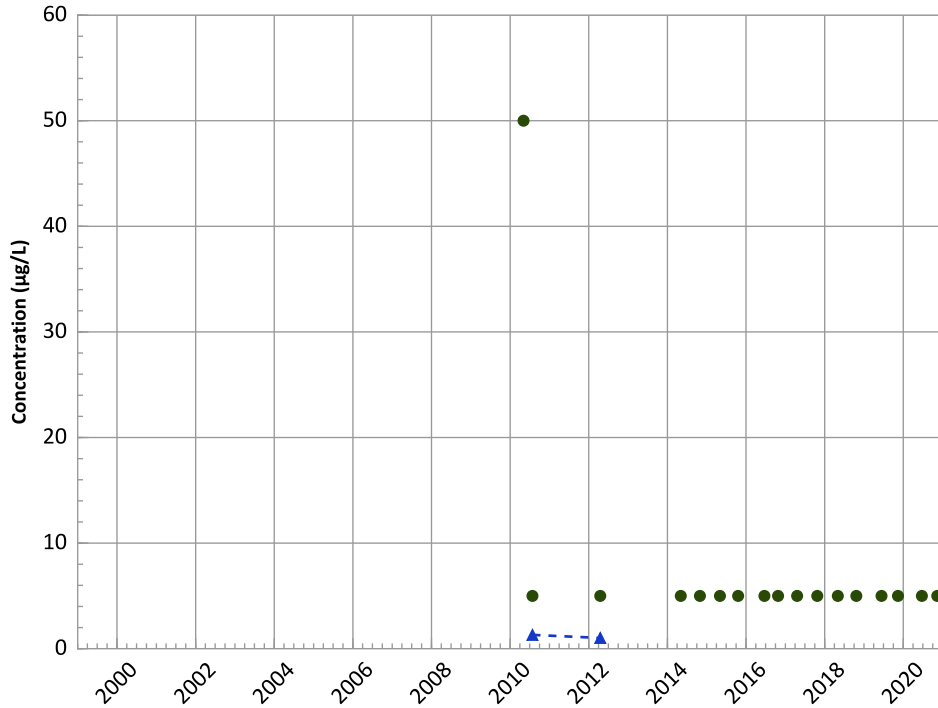
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

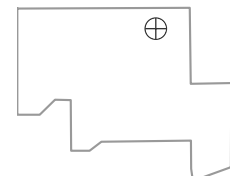
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

Well Location

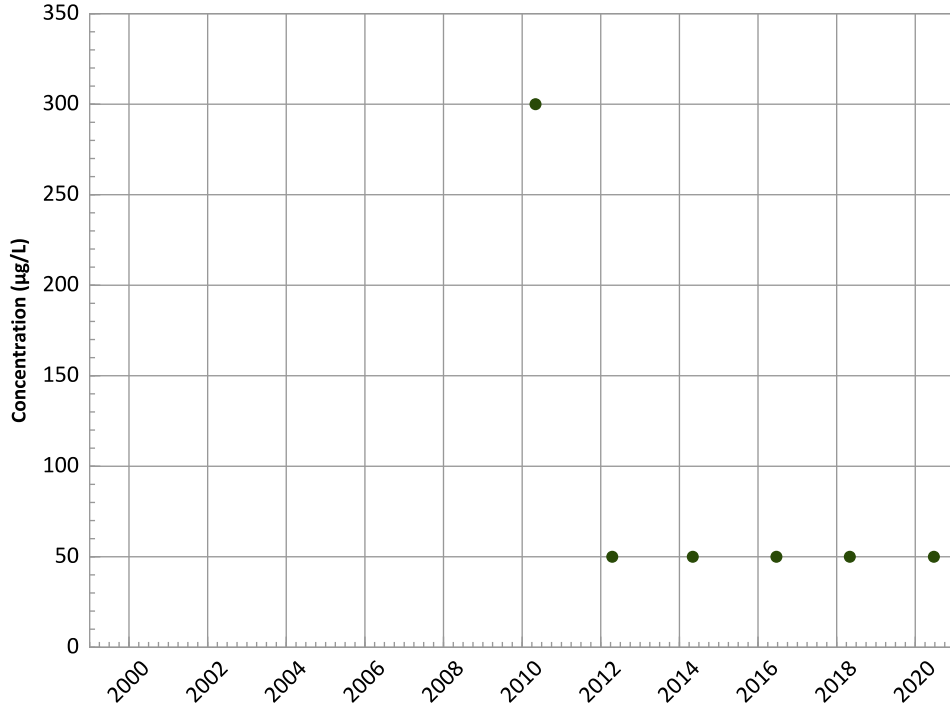


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

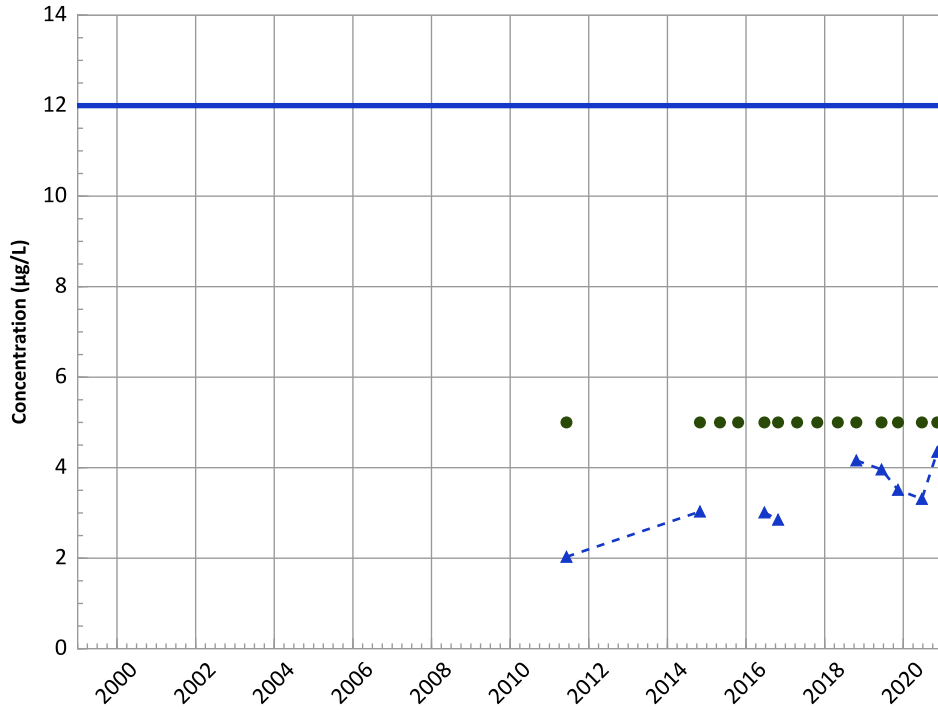
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

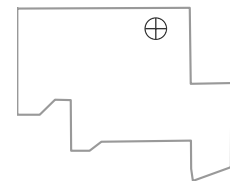
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

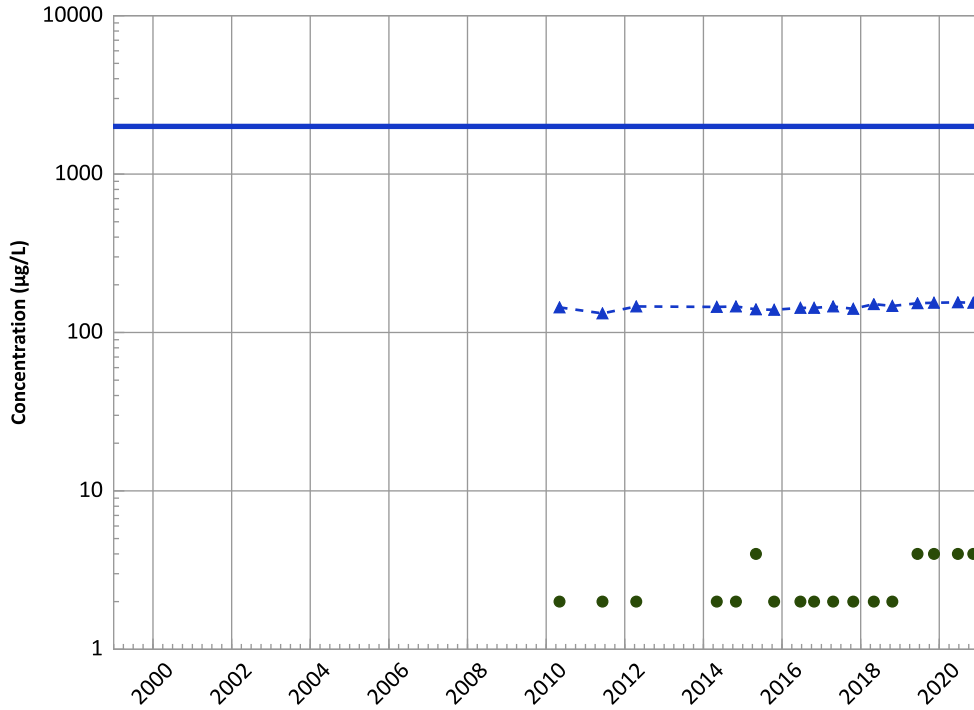


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Increasing

MAROS Linear Regression Method

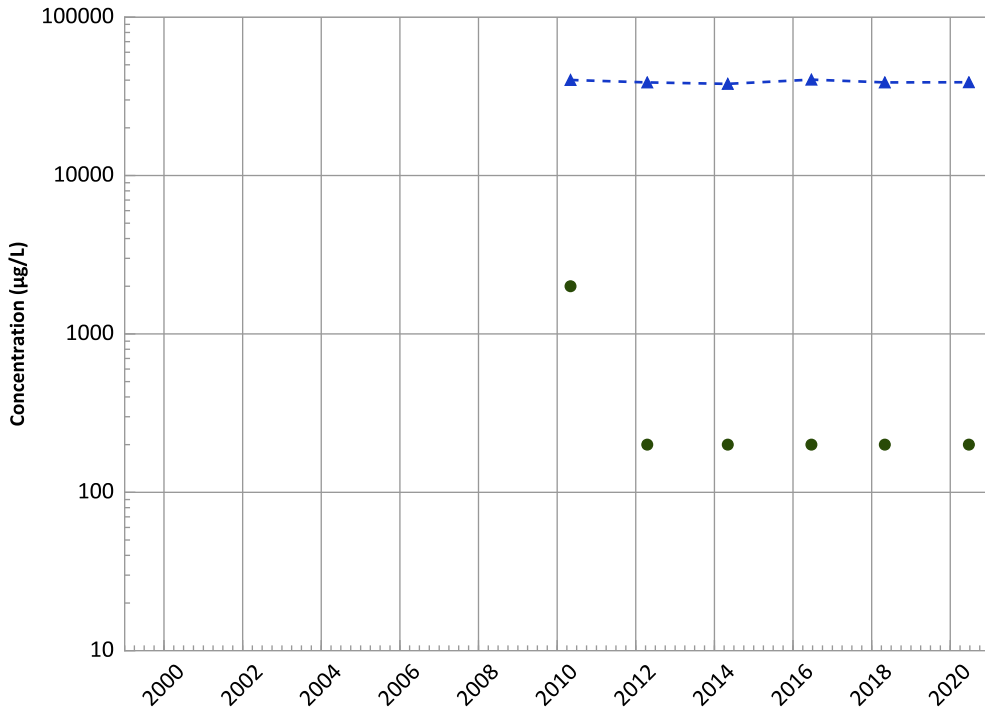
2018 - 2020 Data:

Increasing

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Stable

MAROS Linear Regression Method

2018 - 2020 Data:

Increasing

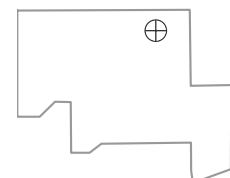
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

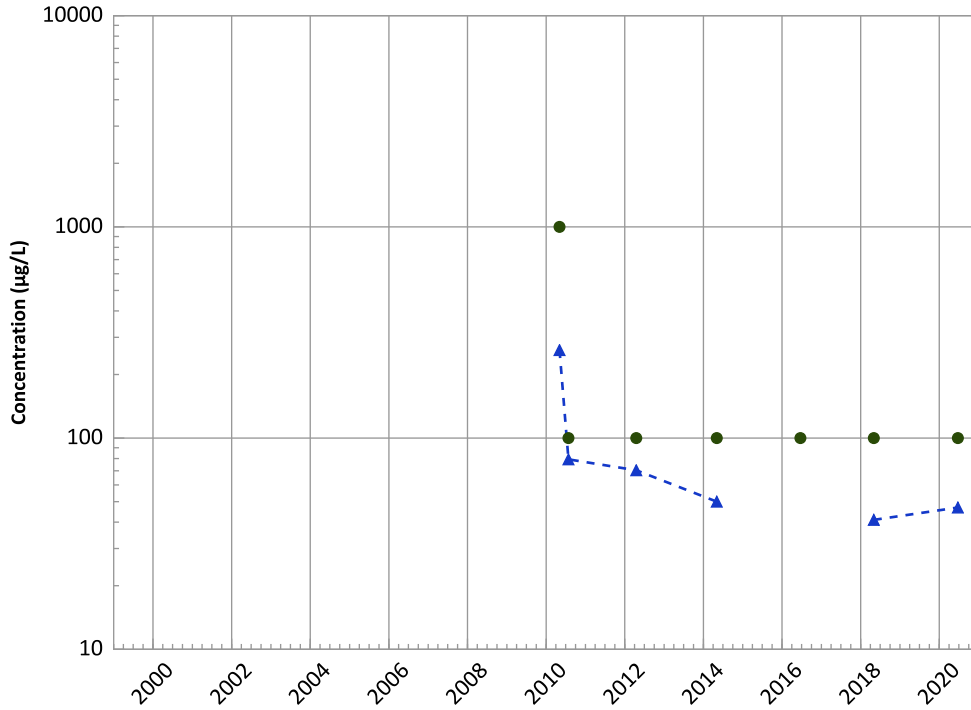
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



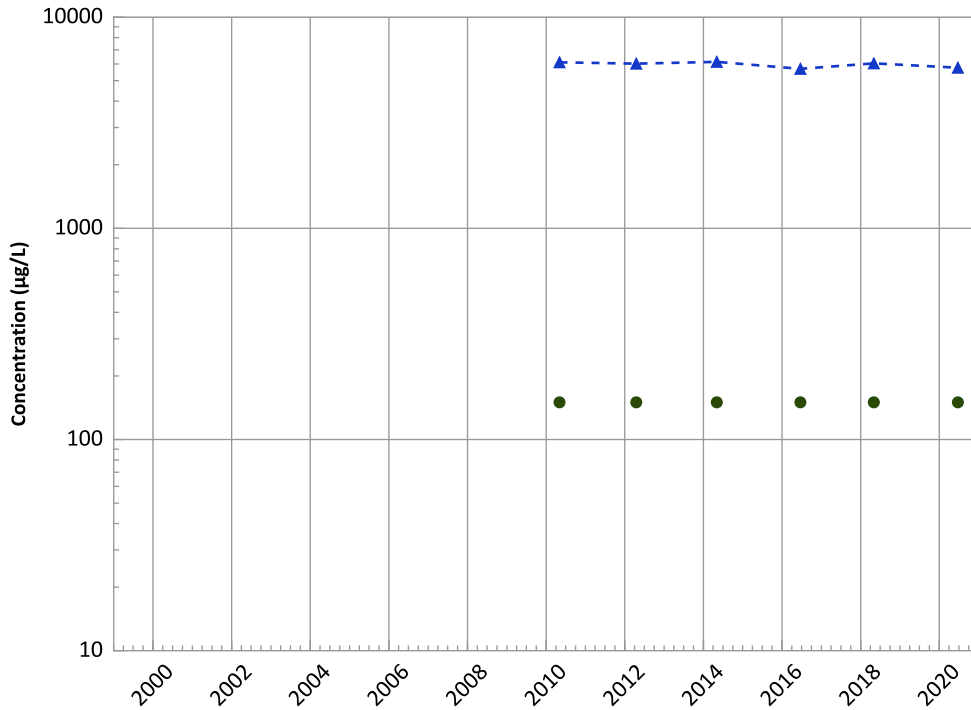
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Probably Decreasing

Potassium Trend



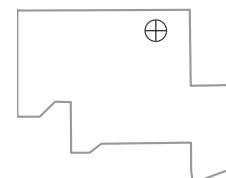
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Probably Decreasing

Well Location

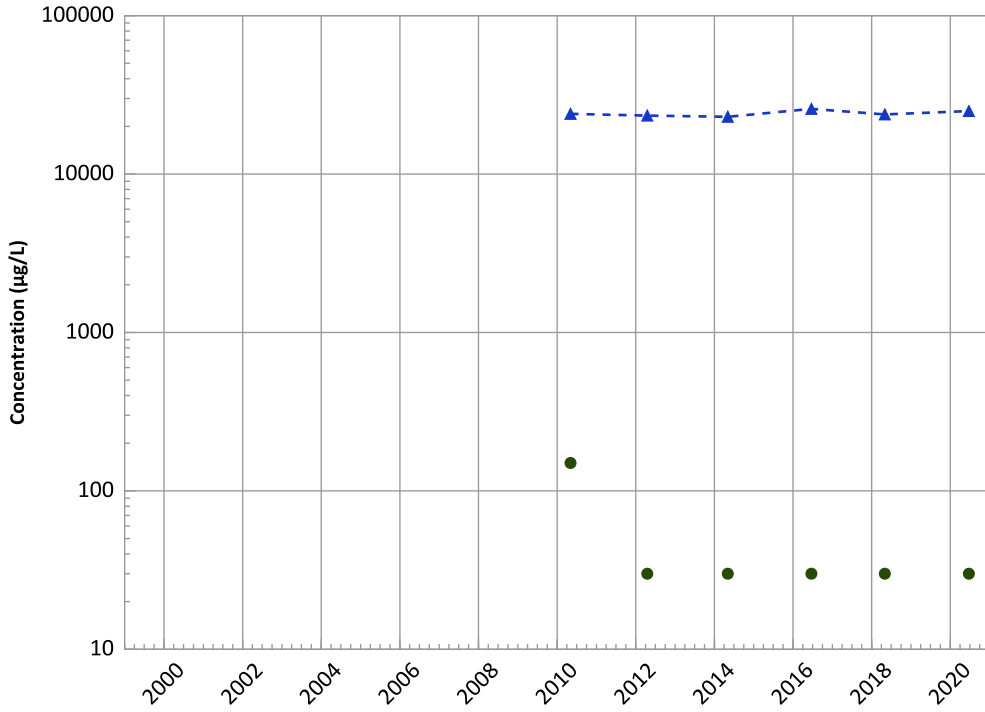


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

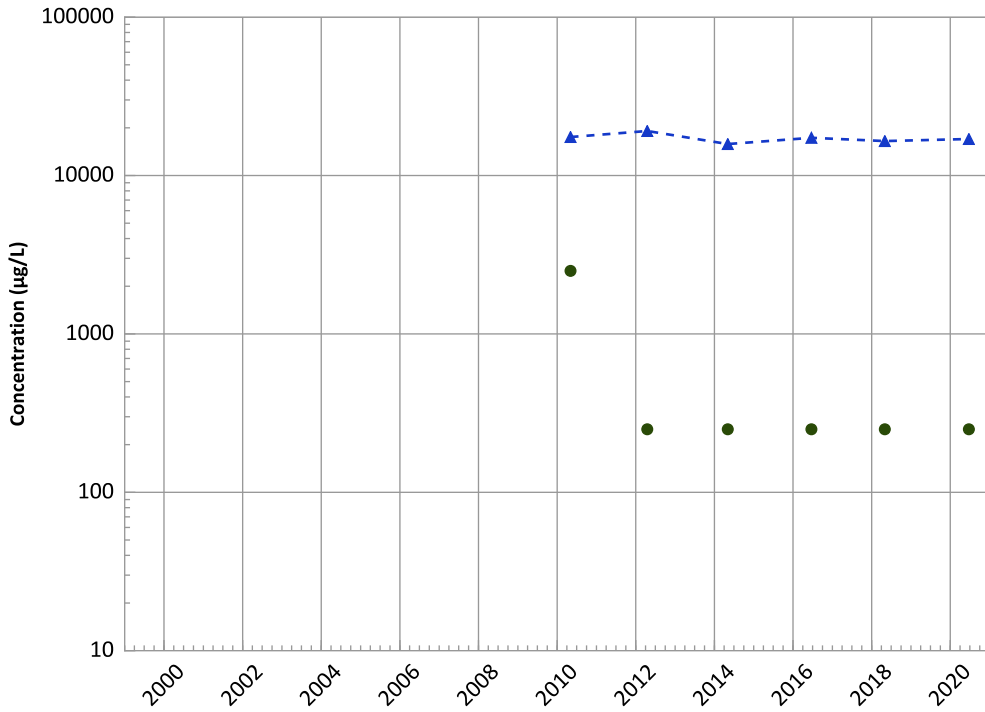
2018 - 2020 Data:

No Trend

All Data:

No Trend

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

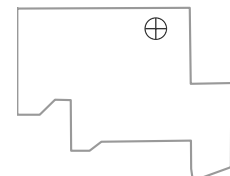
2018 - 2020 Data:

No Trend

All Data:

Stable

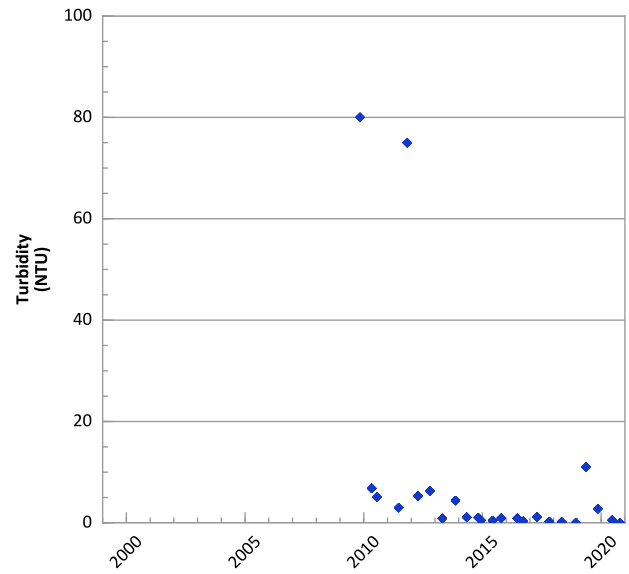
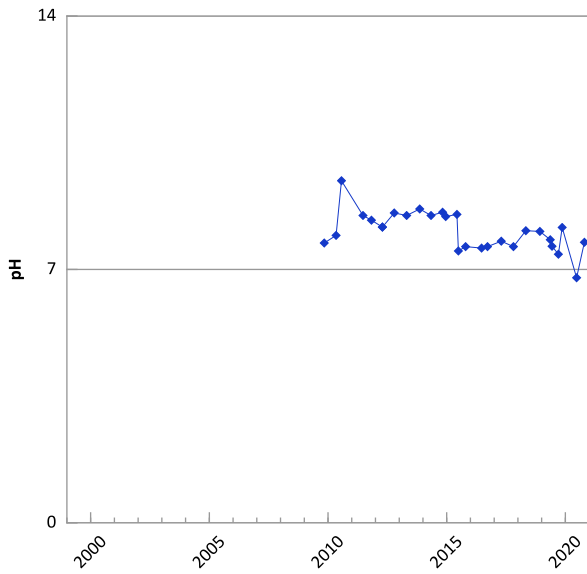
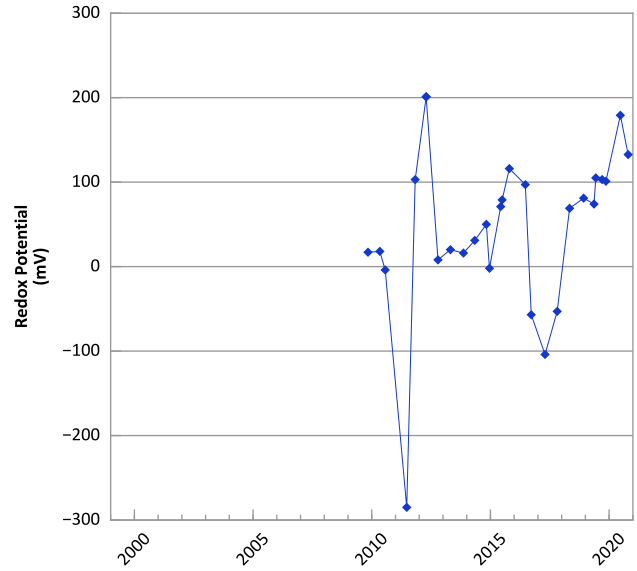
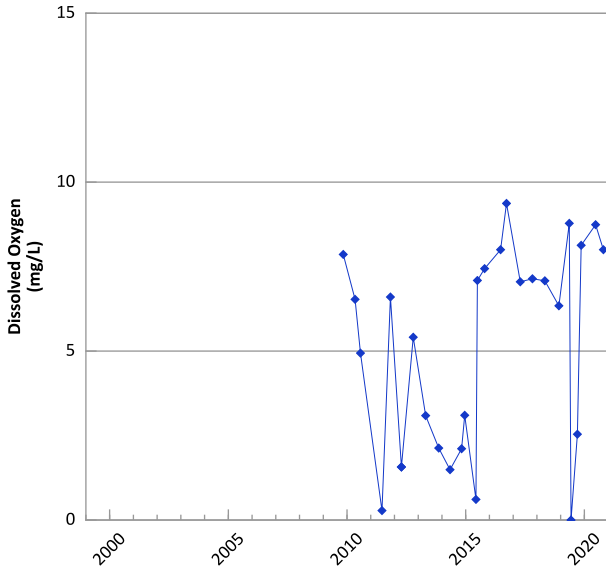
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 10/15/2009 to 11/12/2020
Analysis Date: 06/03/2021

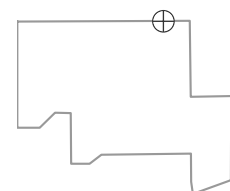
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



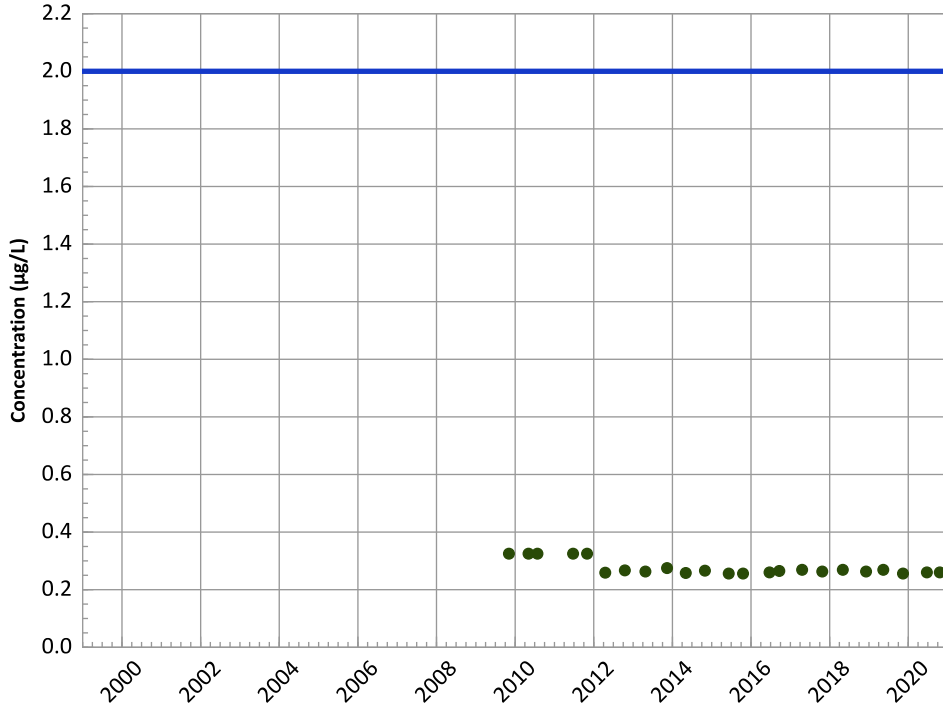
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 11/04/2009 to 10/20/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

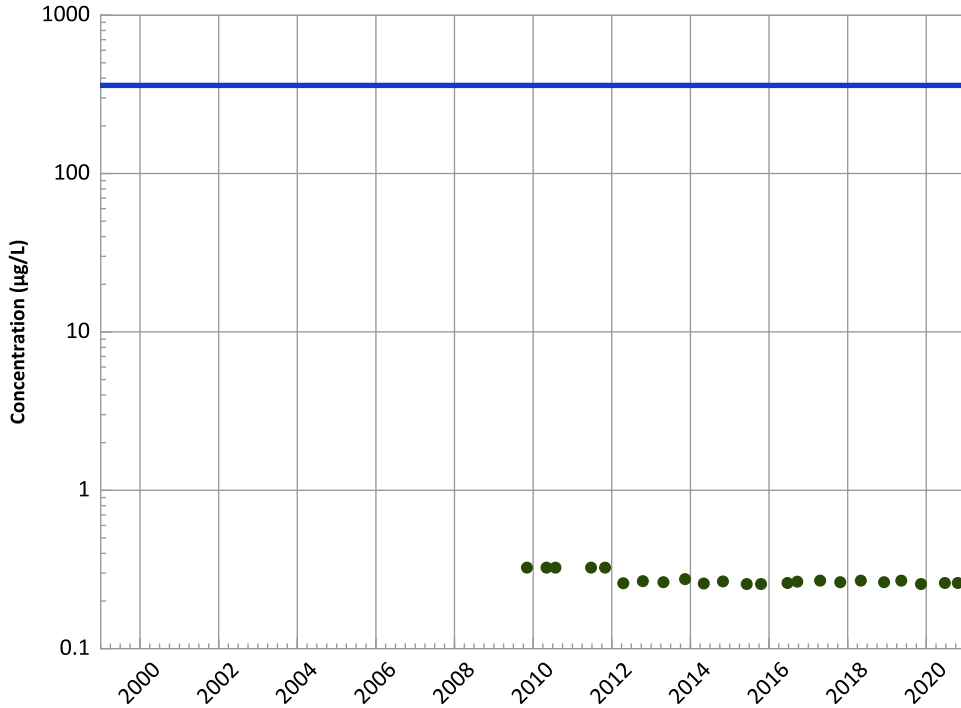
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

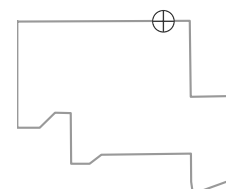
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

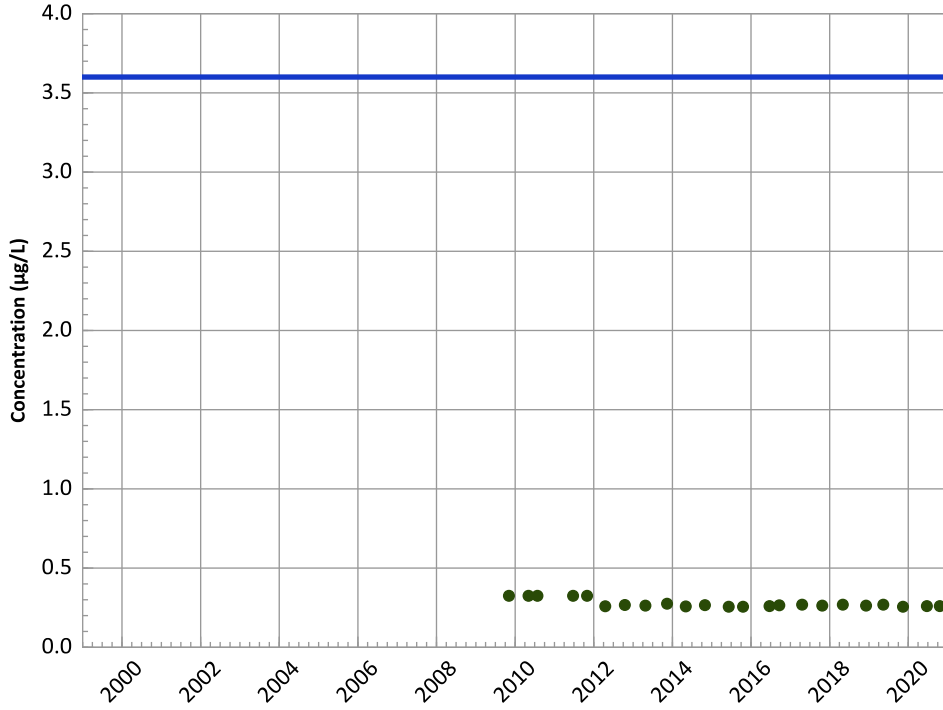
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

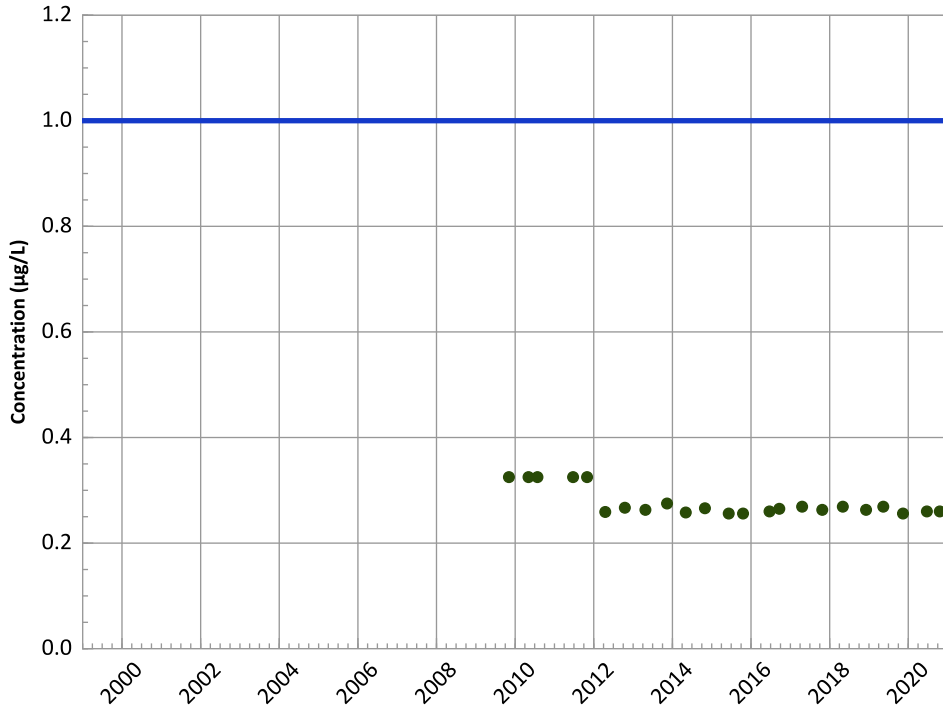
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

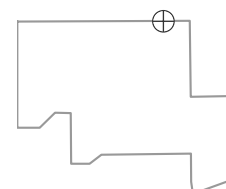
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

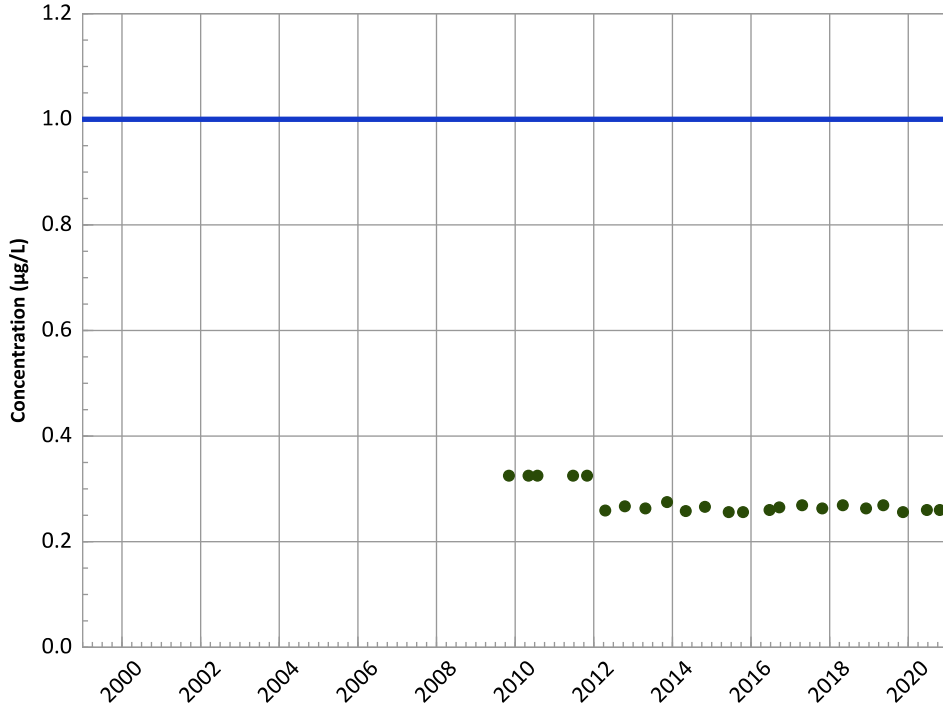


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

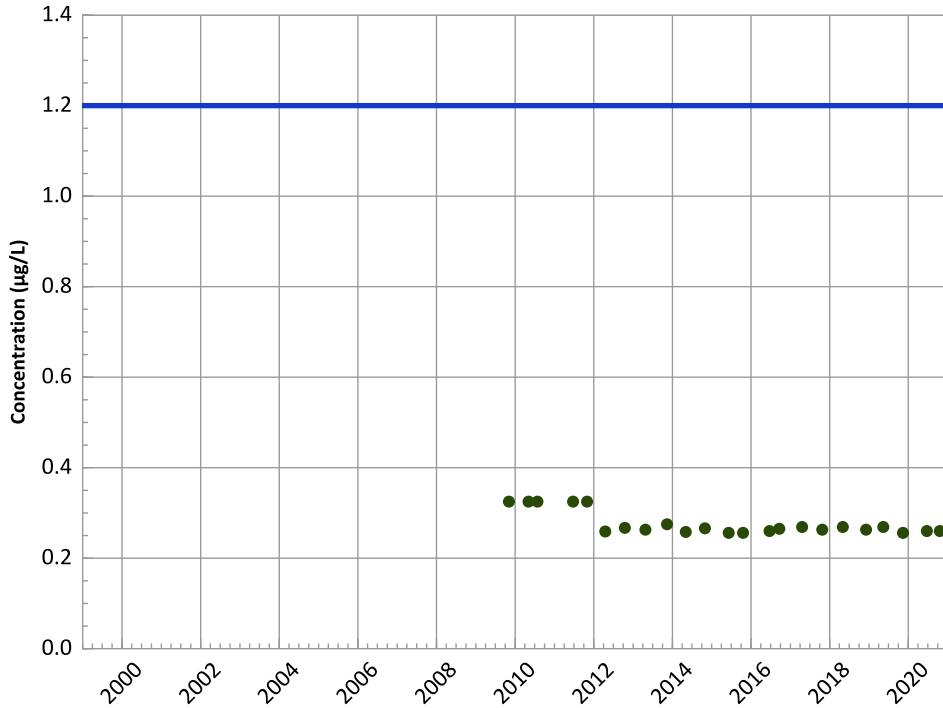
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

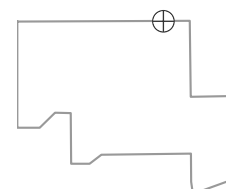
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

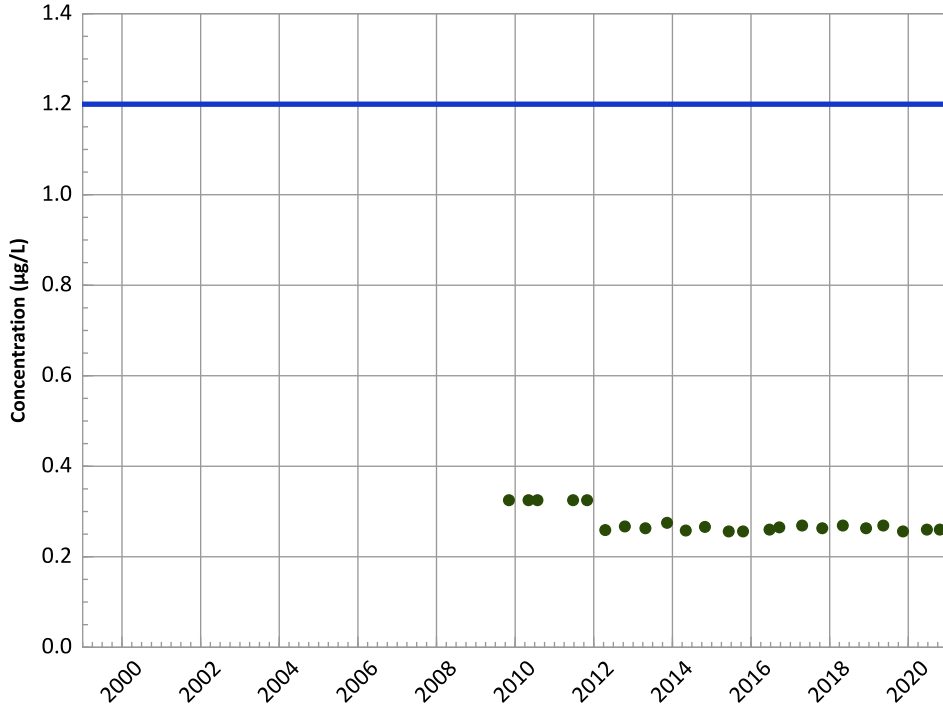


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

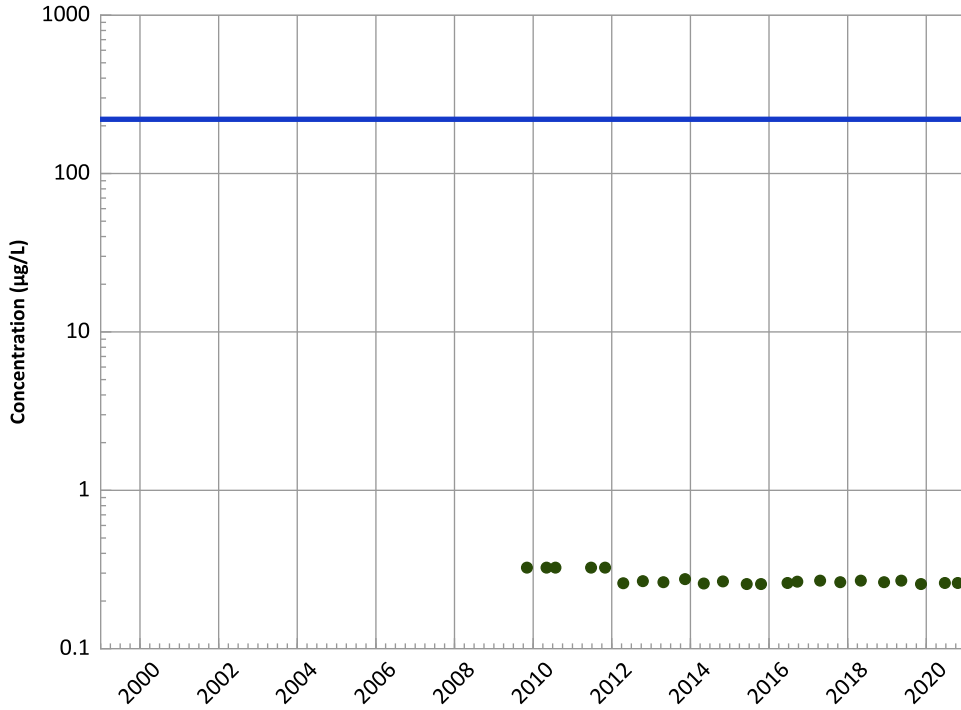
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

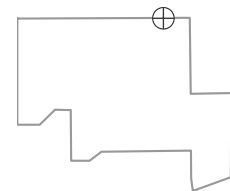
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

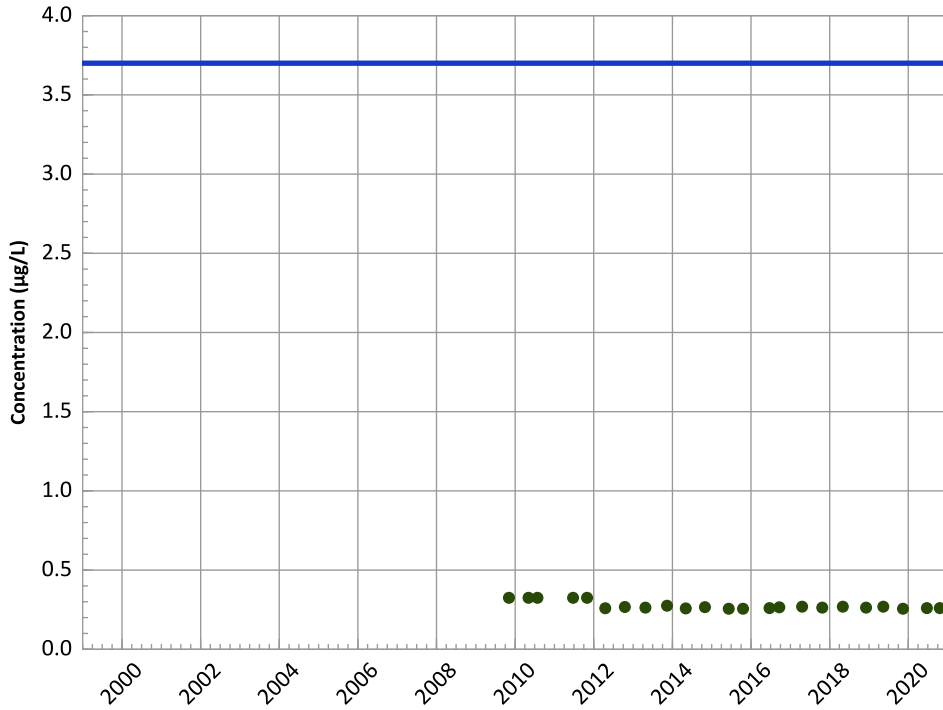
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

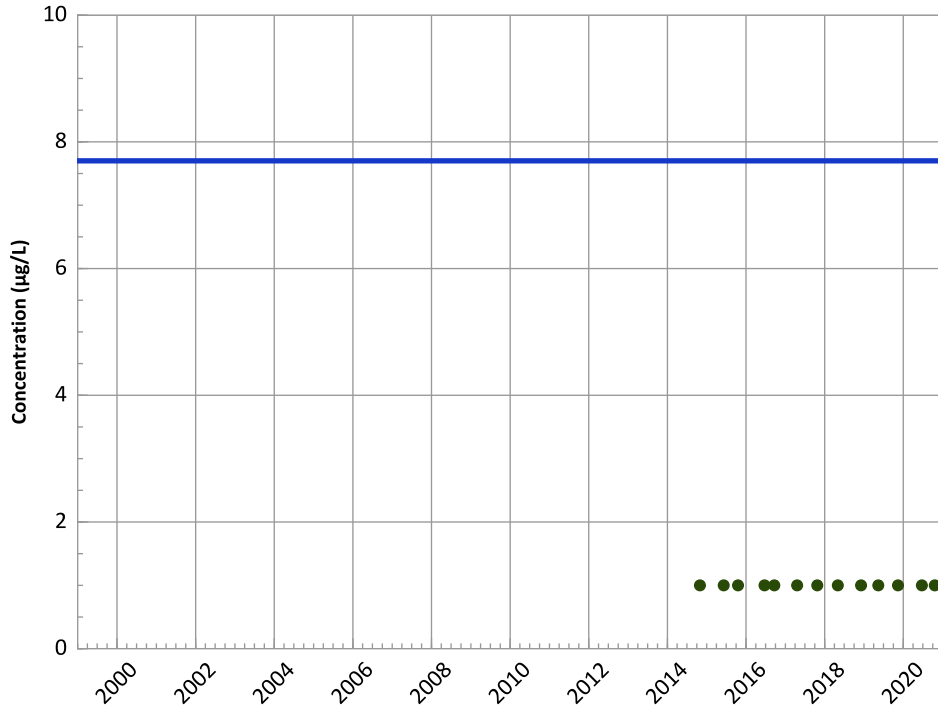
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

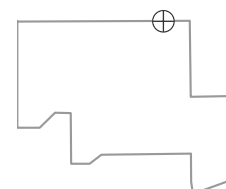
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

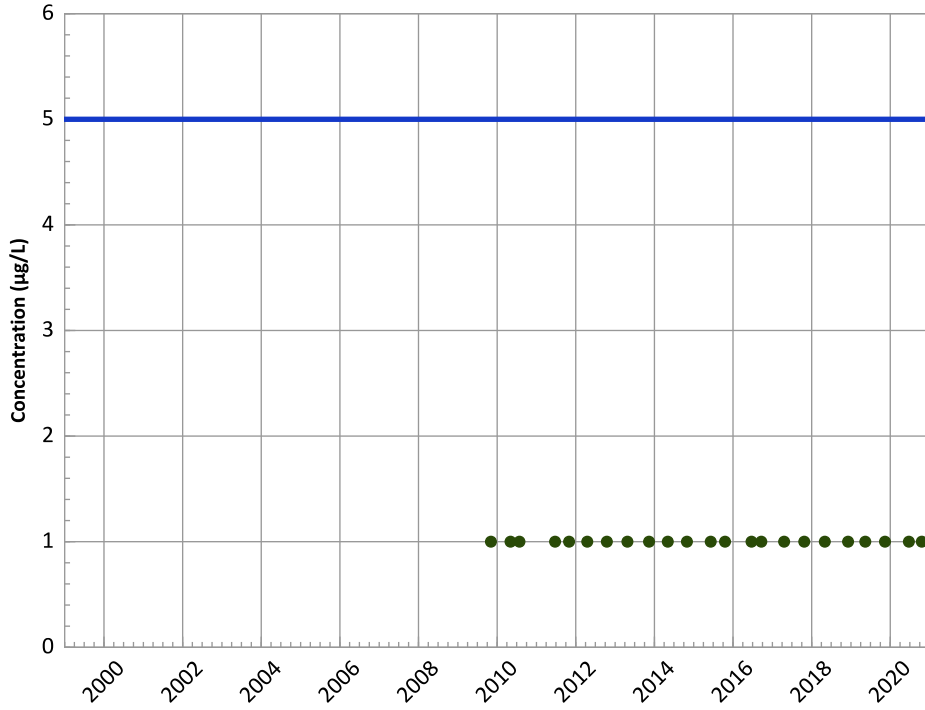
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:
All Non-Detect

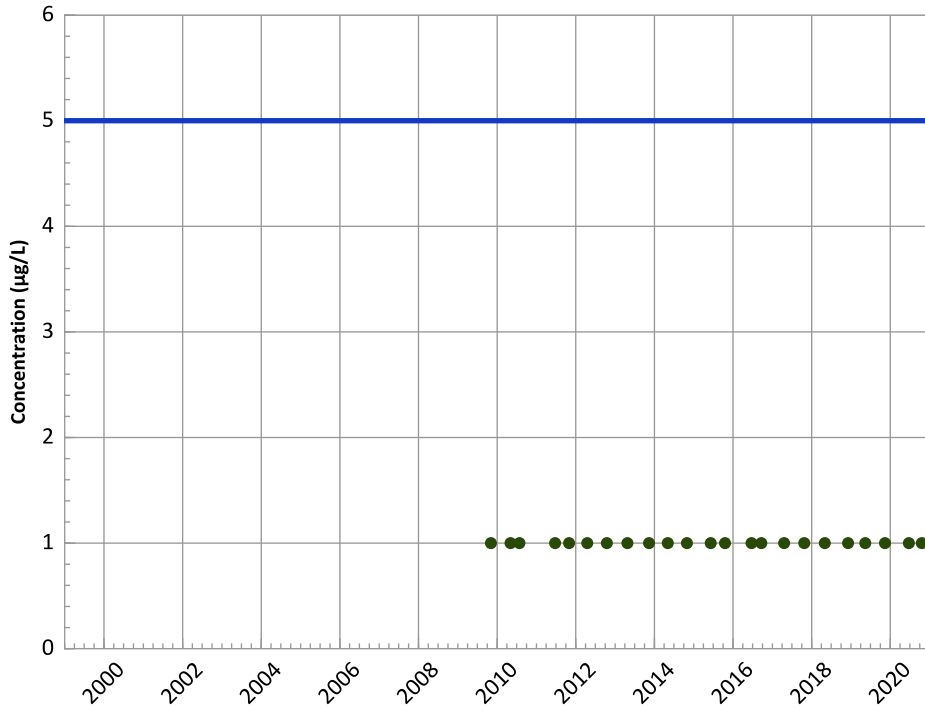
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

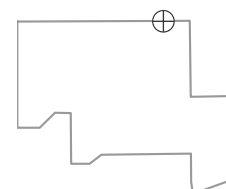
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

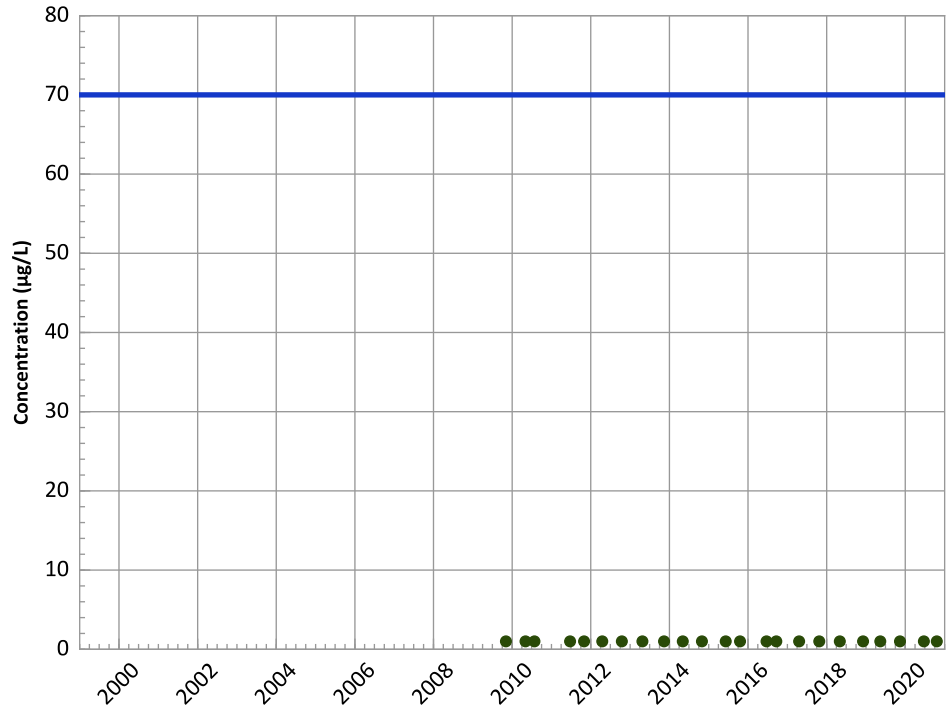
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant**
cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

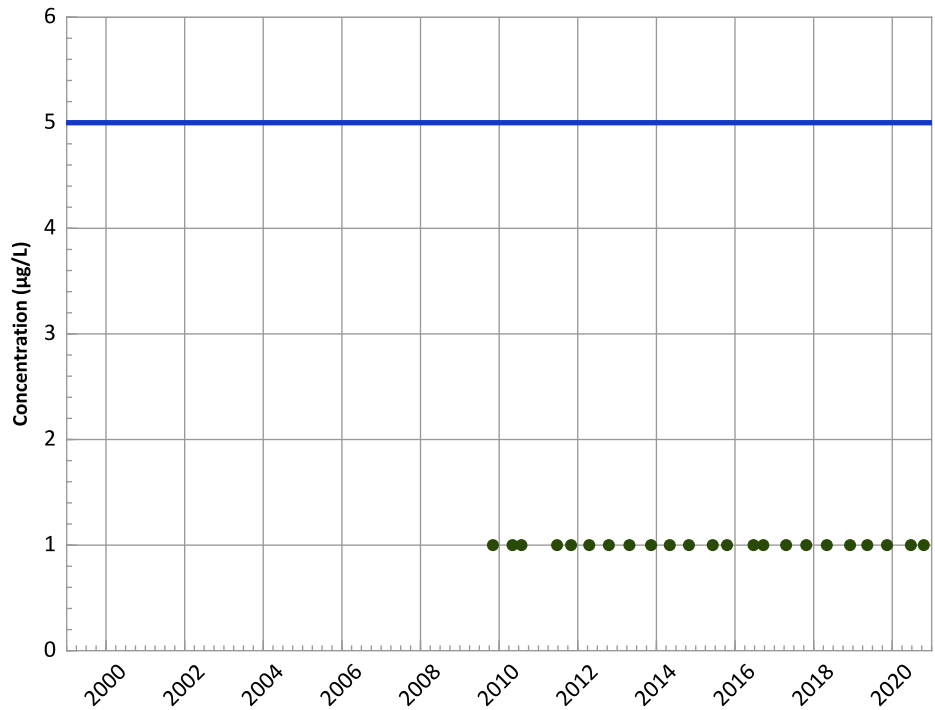
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

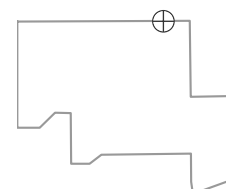
All Data:

All Non-Detect

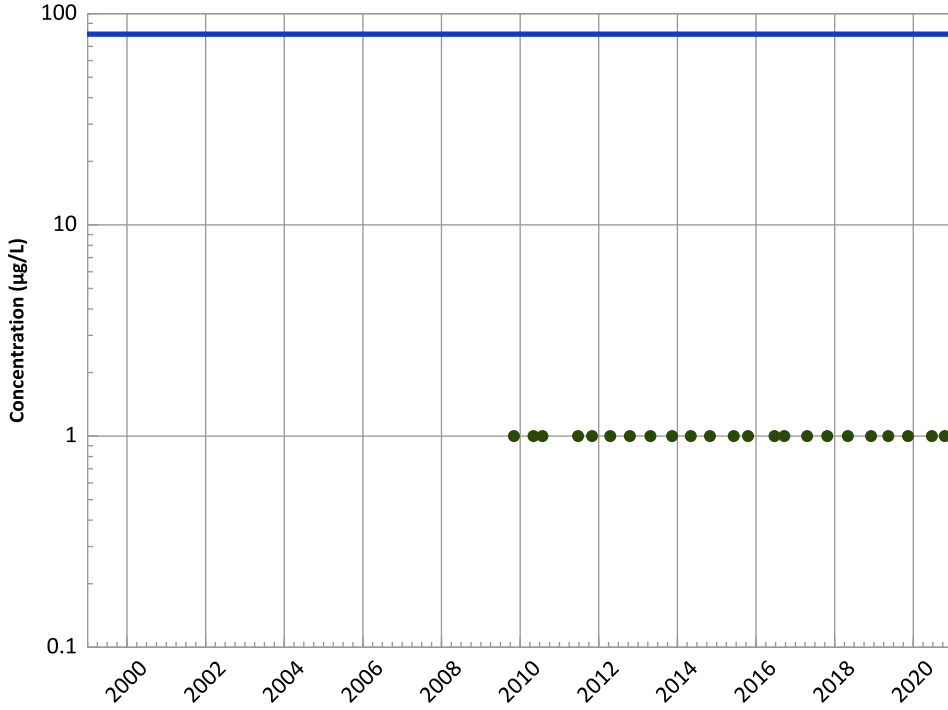
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

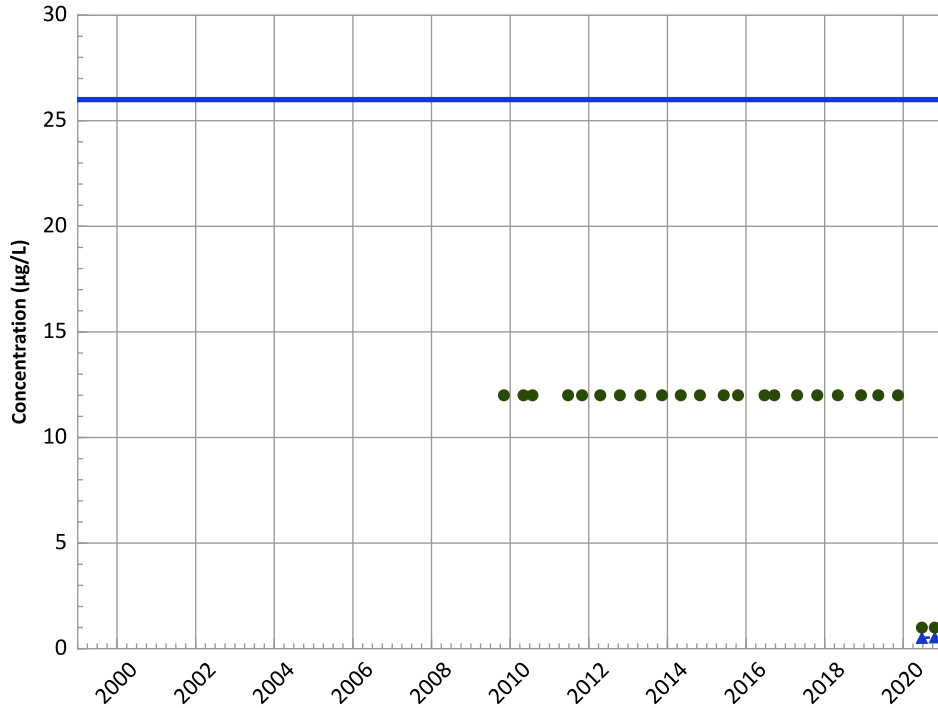
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Perchlorate Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

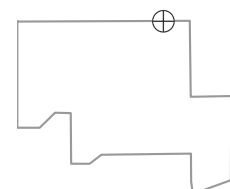
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

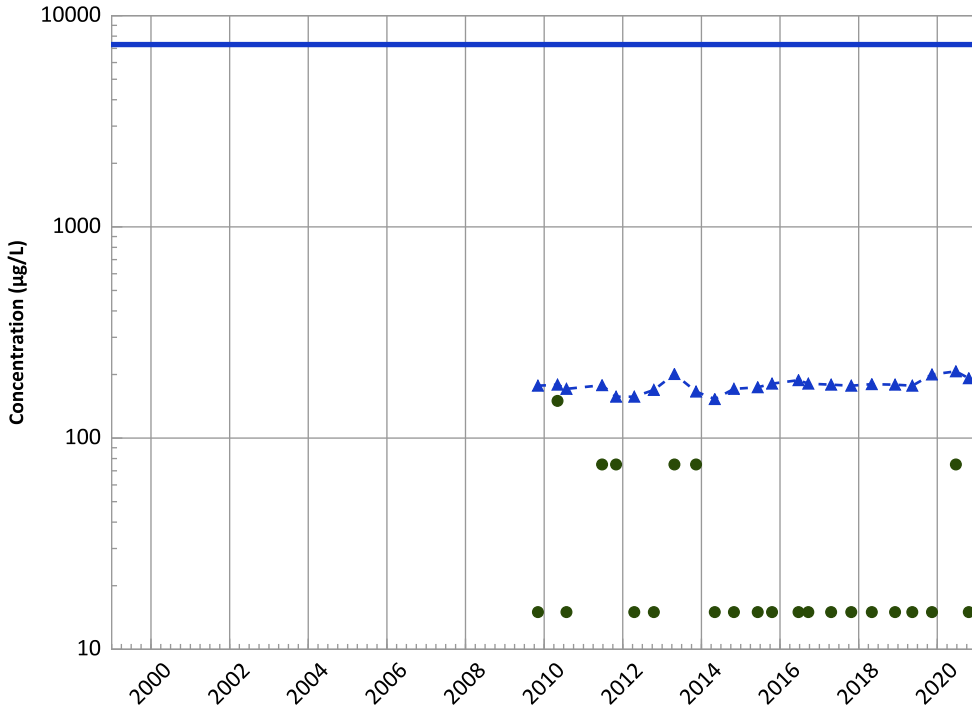
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**

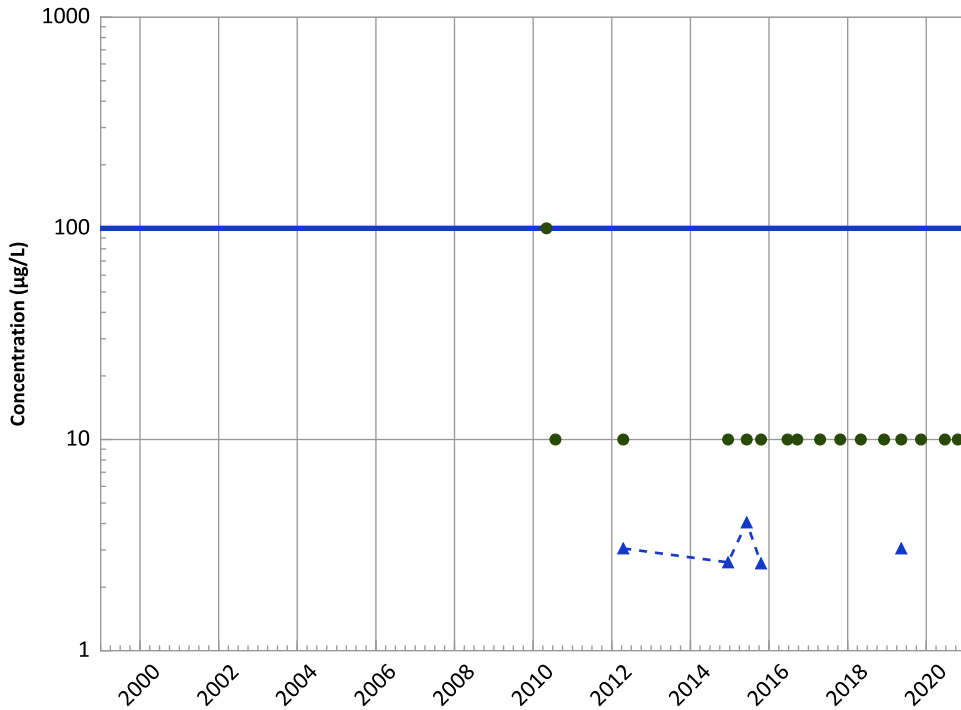


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend

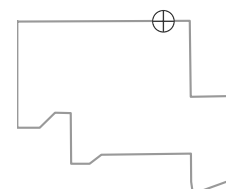


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Increasing

Well Location

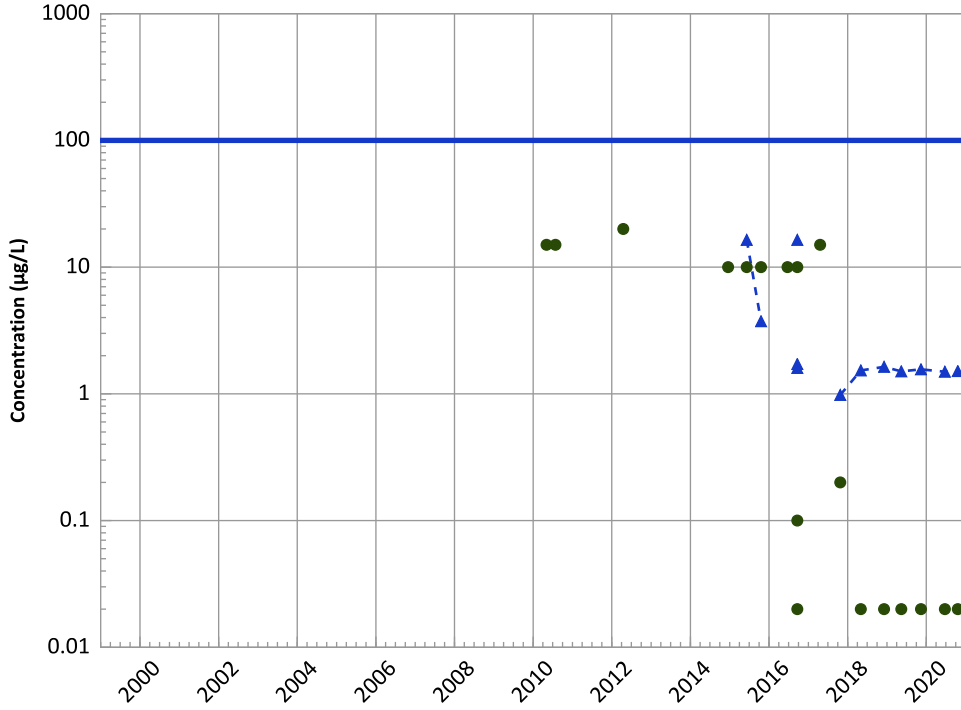


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Decreasing

MAROS Linear Regression Method

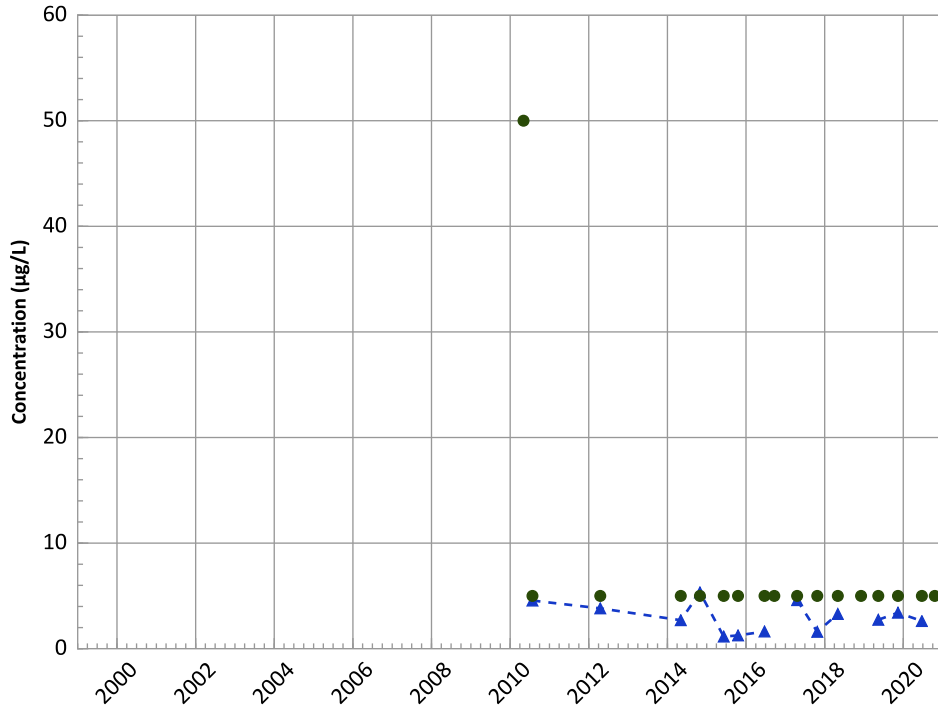
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Decreasing

MAROS Linear Regression Method

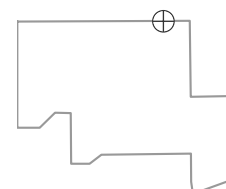
2018 - 2020 Data:

Stable

All Data:

Stable

Well Location

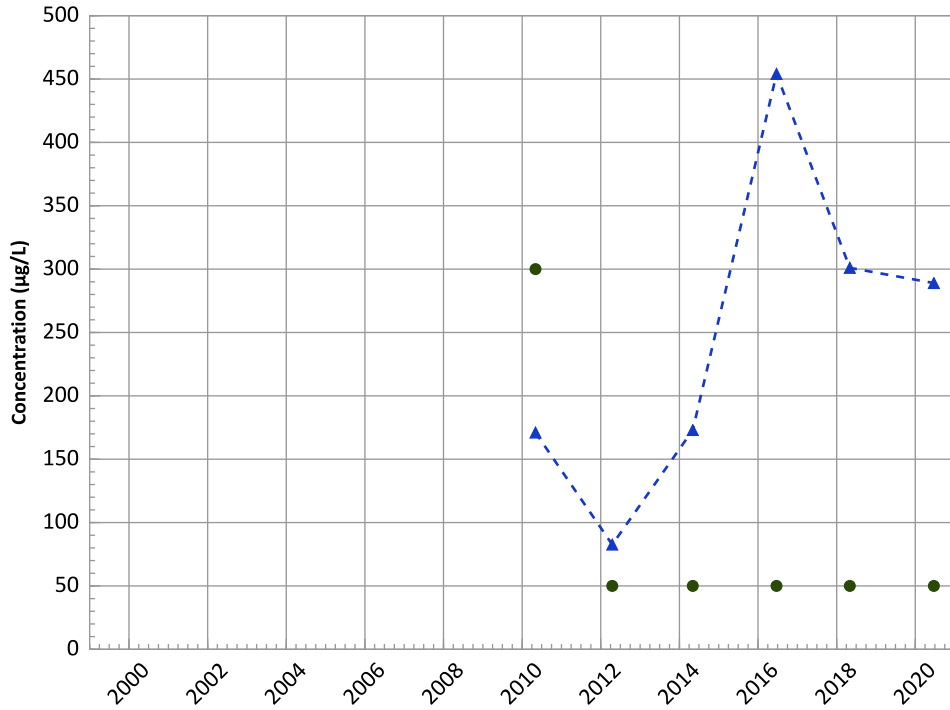


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

No Trend

MAROS Linear Regression Method

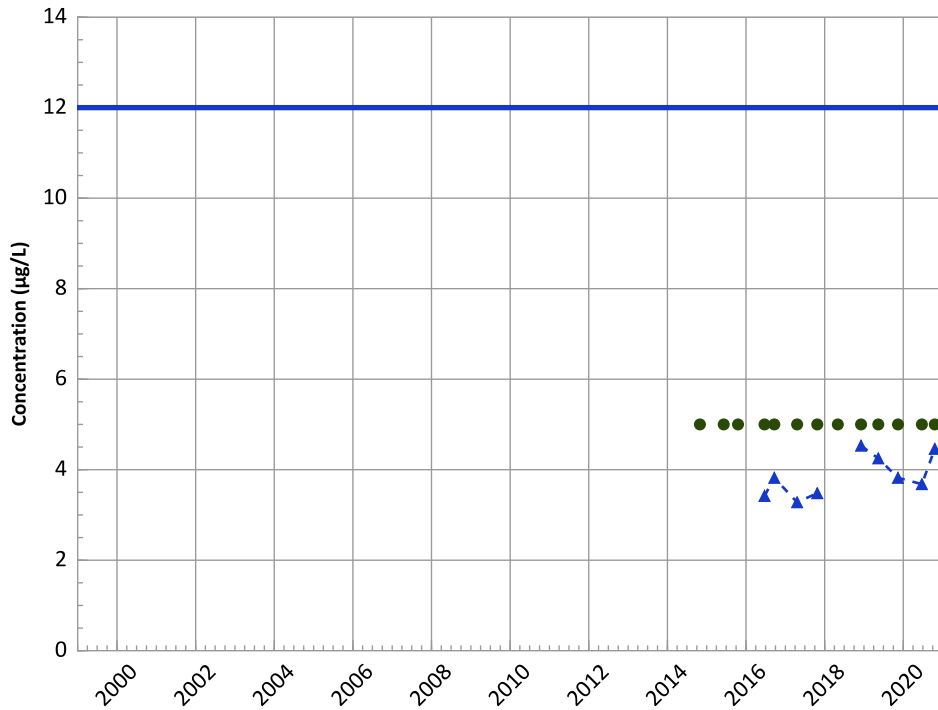
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

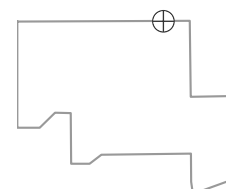
2018 - 2020 Data:

Stable

All Data:

Increasing

Well Location

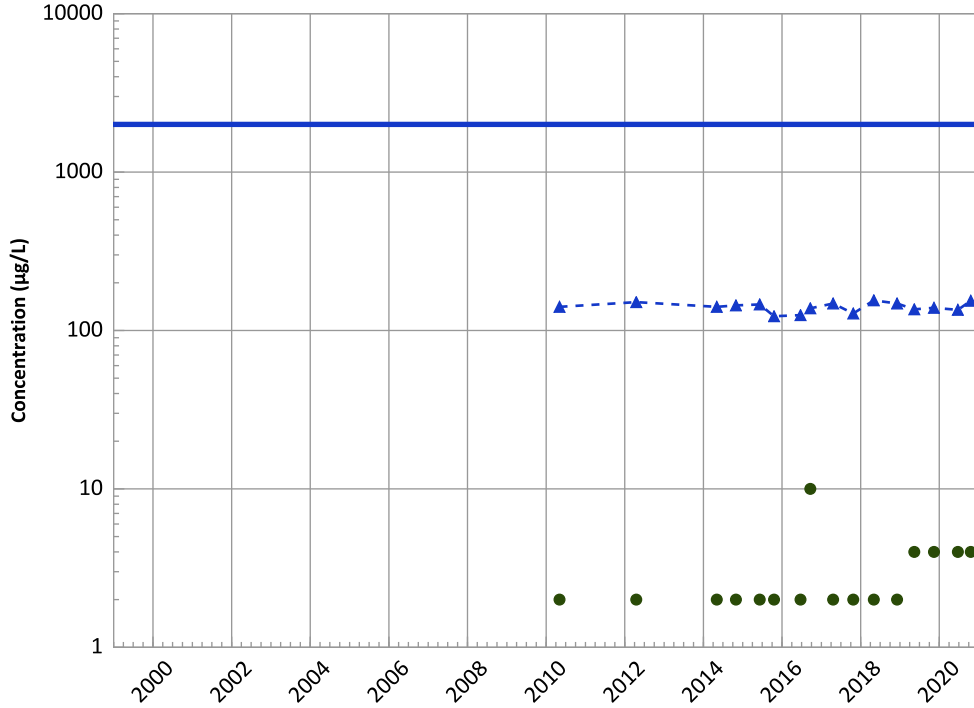


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

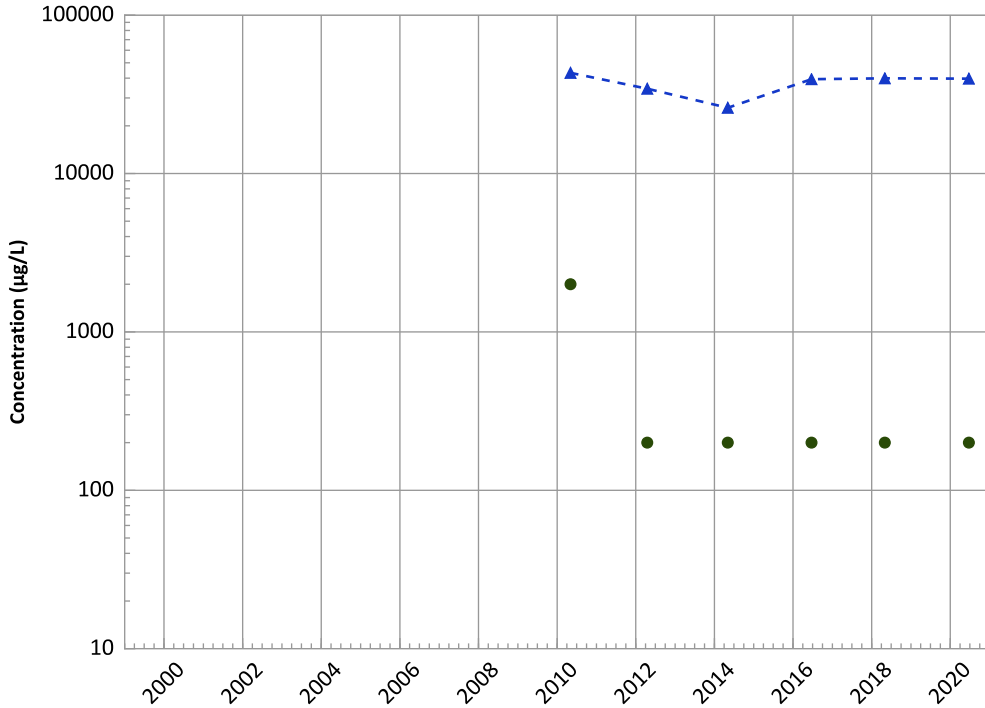
2018 - 2020 Data:

No Trend

All Data:

Increasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

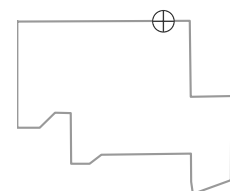
2018 - 2020 Data:

No Trend

All Data:

No Trend

Well Location

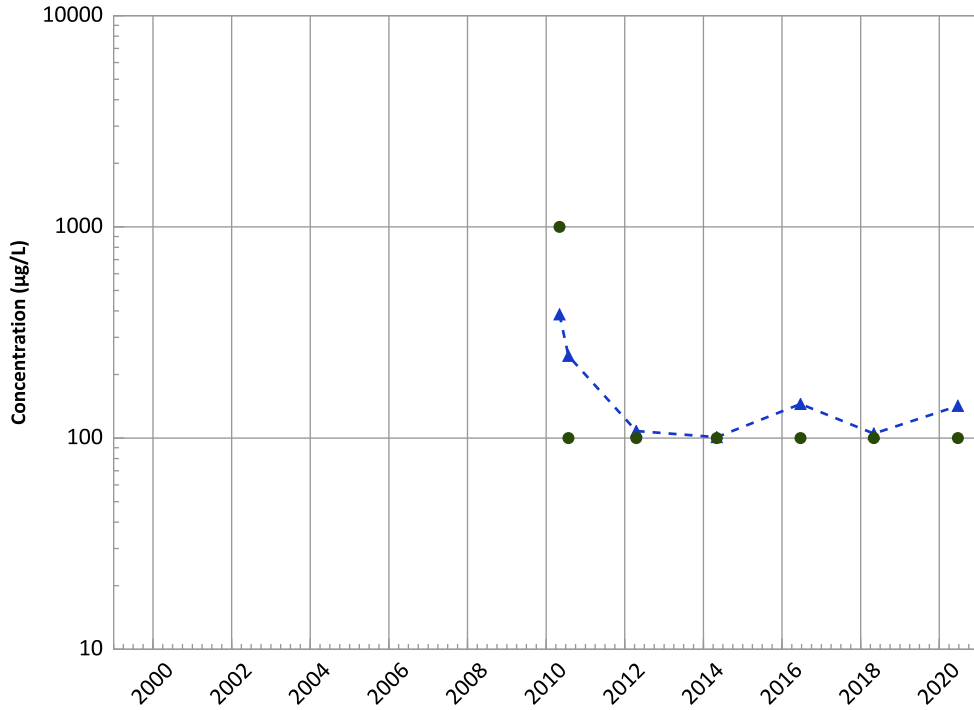


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

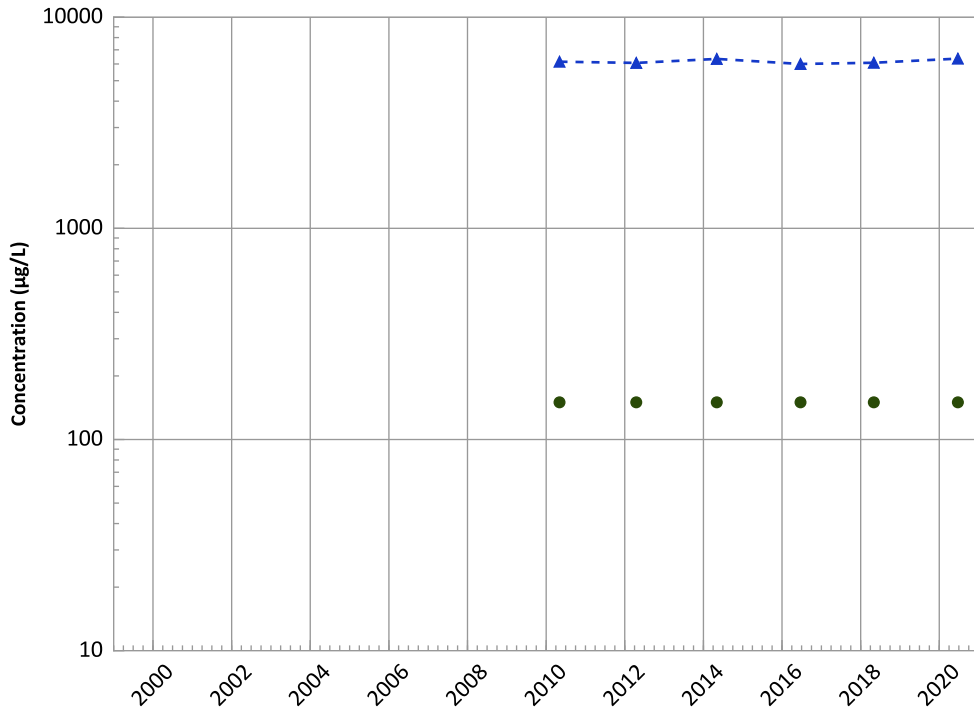
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

Potassium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

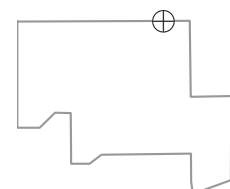
2018 - 2020 Data:

Increasing

All Data:

Increasing

Well Location

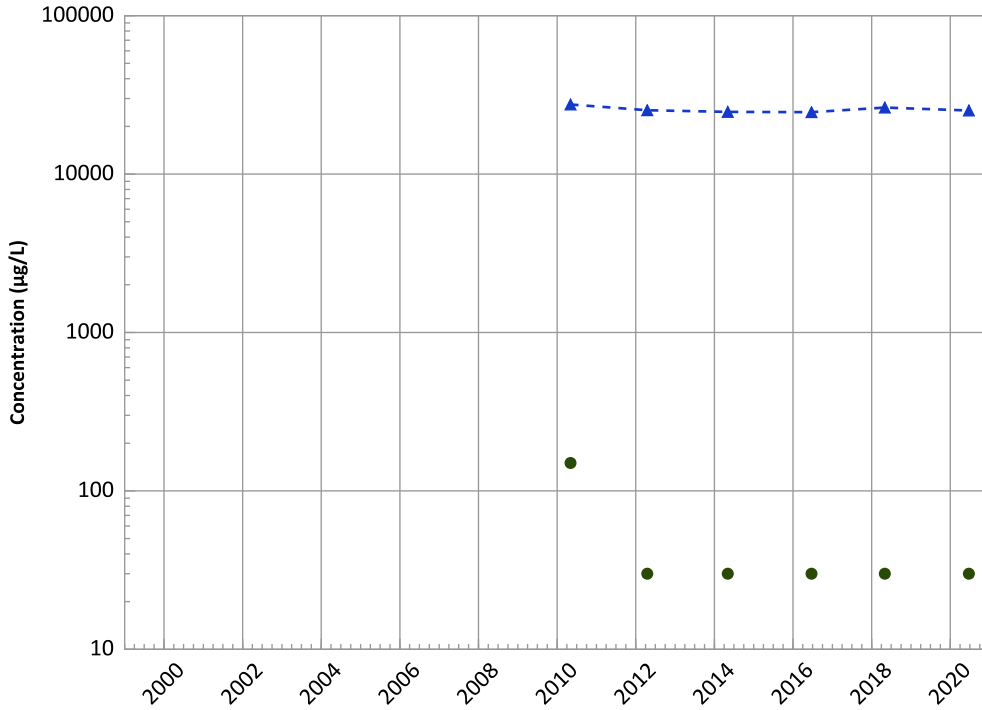


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

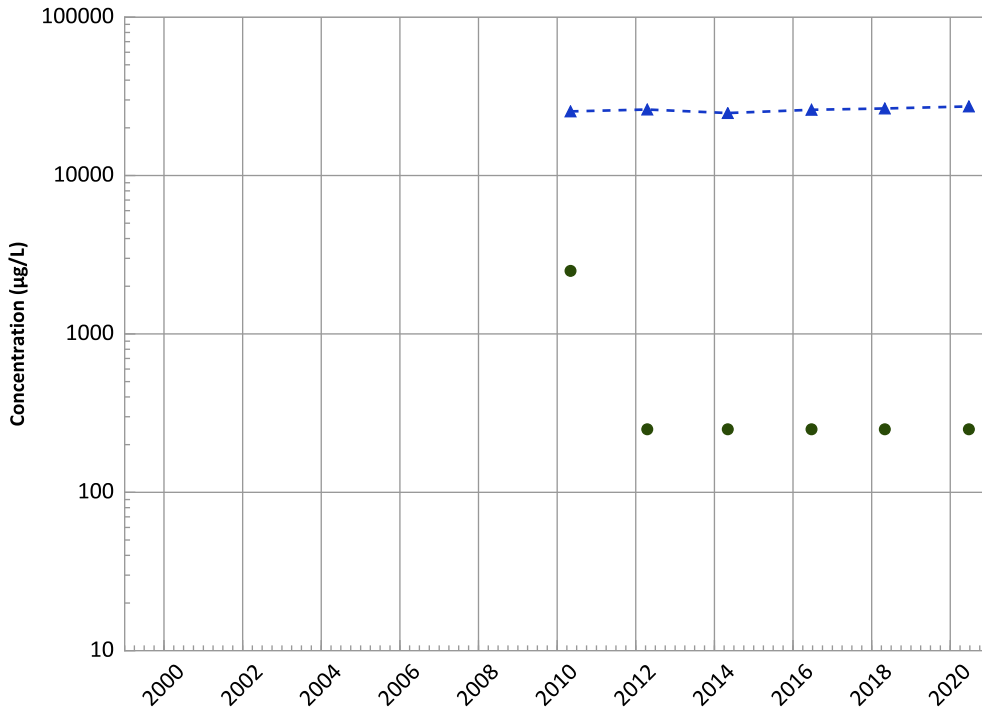
2018 - 2020 Data:

No Trend

All Data:

Stable

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

MAROS Linear Regression Method

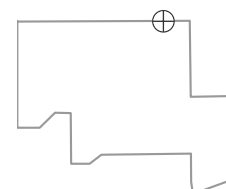
2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

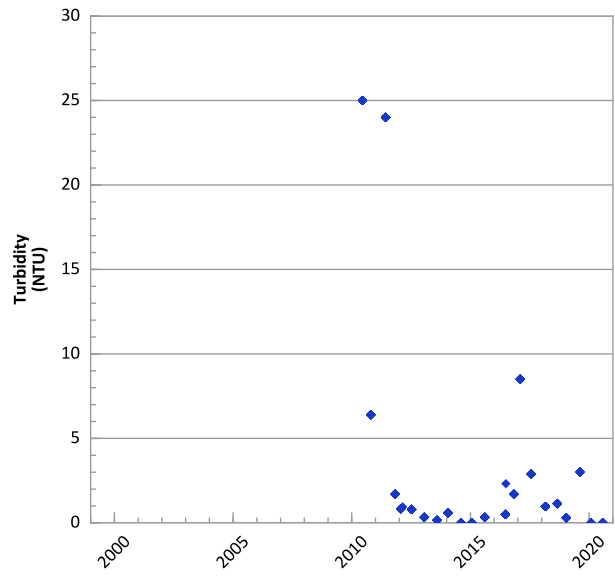
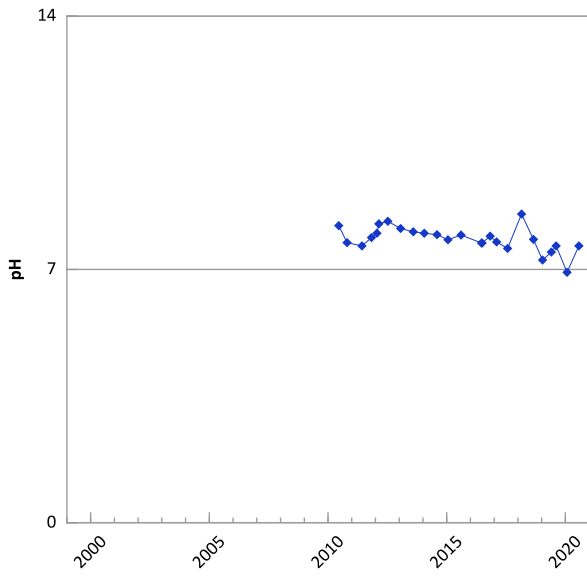
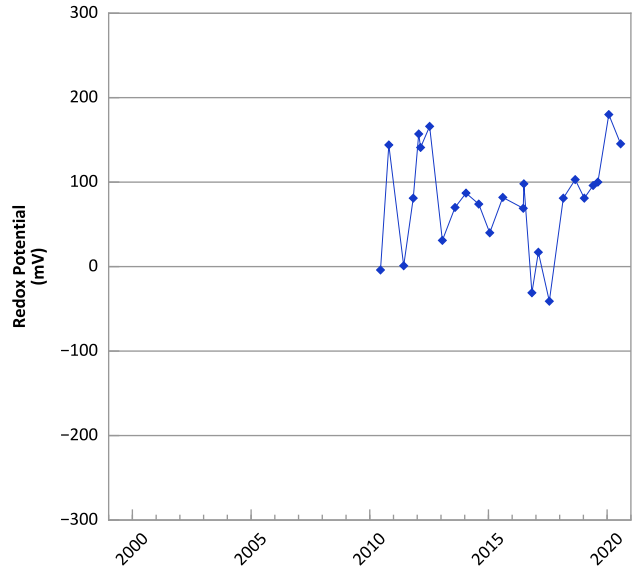
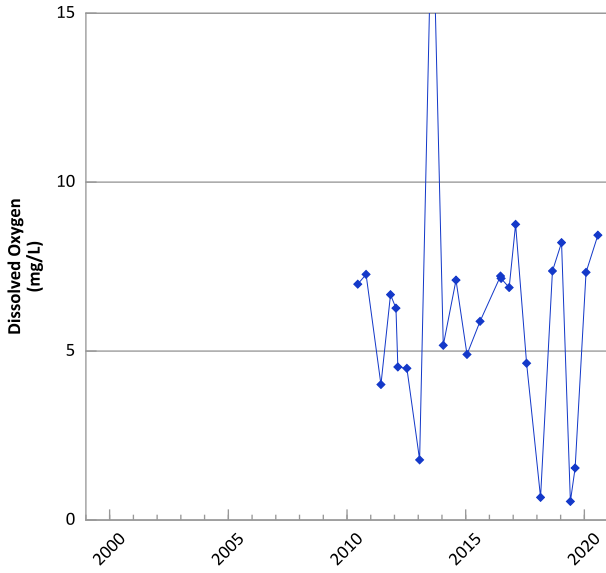
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 11/04/2009 to 10/20/2020
Analysis Date: 06/03/2021

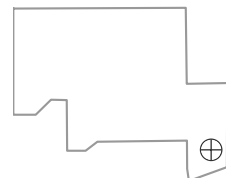
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



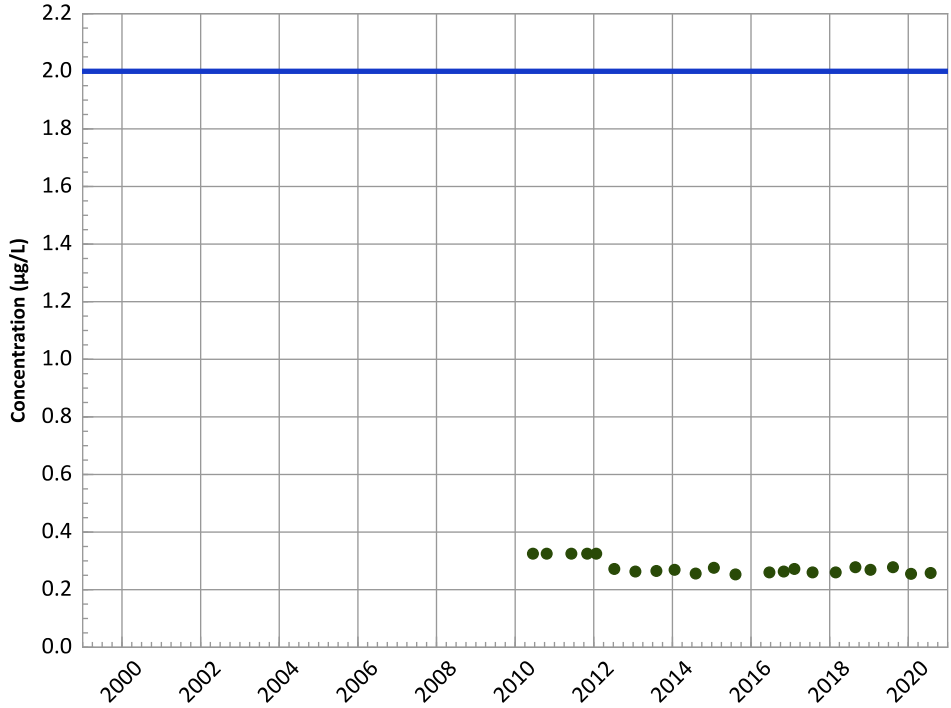
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/15/2010 to 07/27/2020
 Analysis Date: 06/03/2021

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

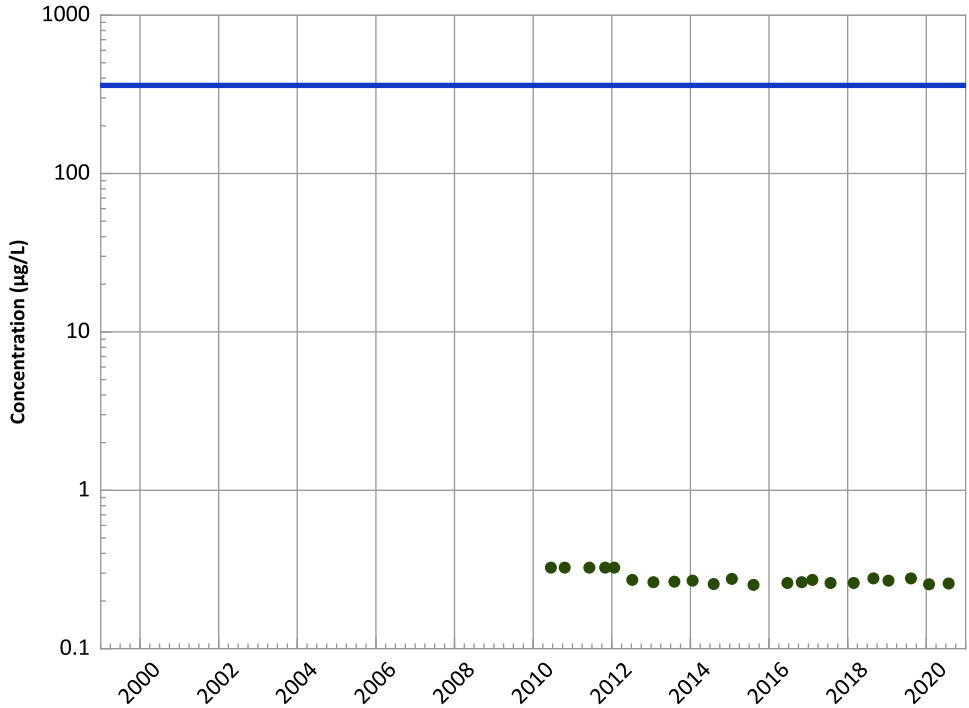
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

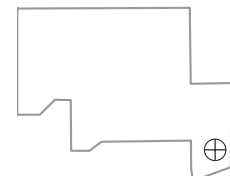
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

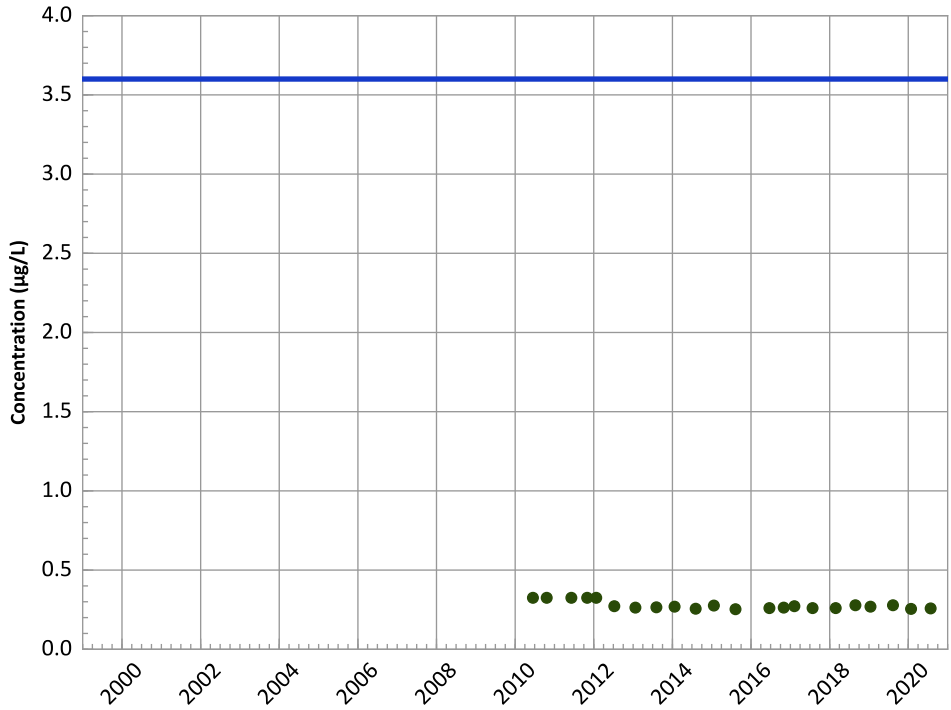
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

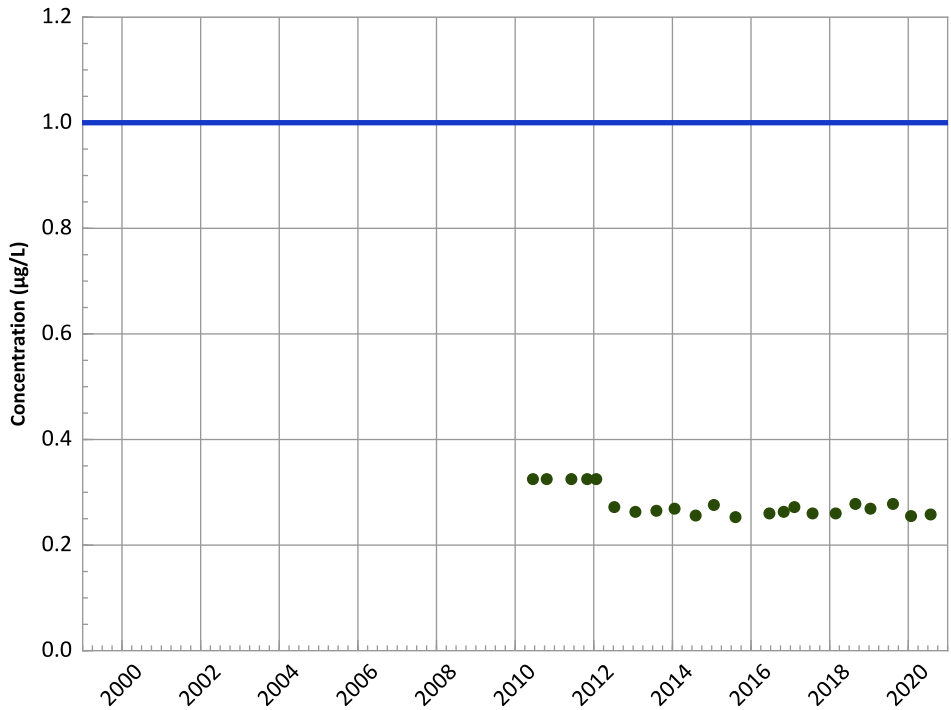
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

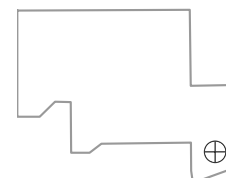
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

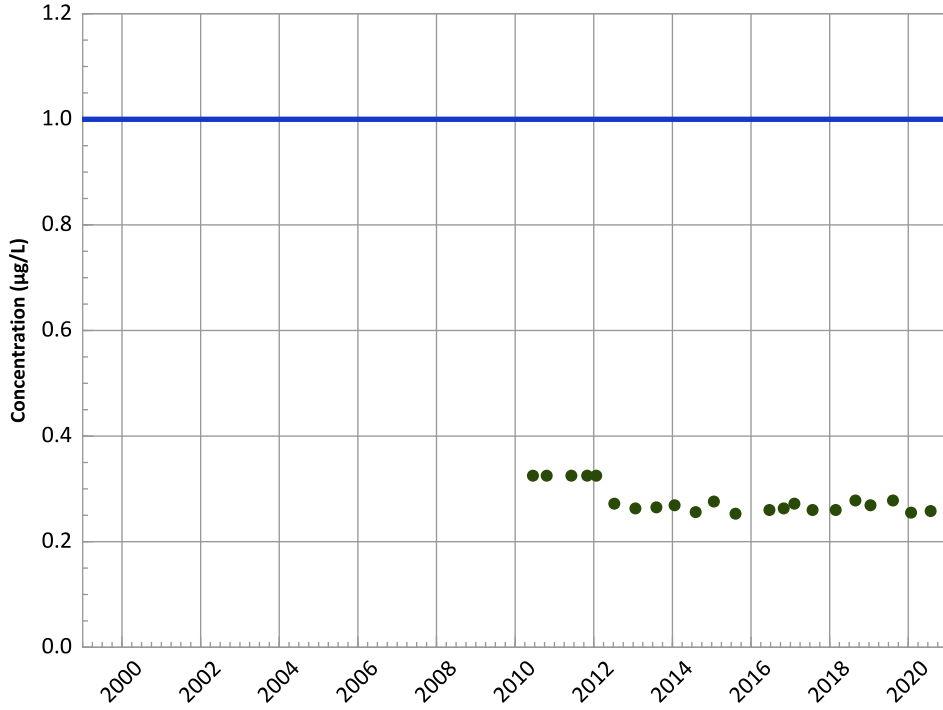


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

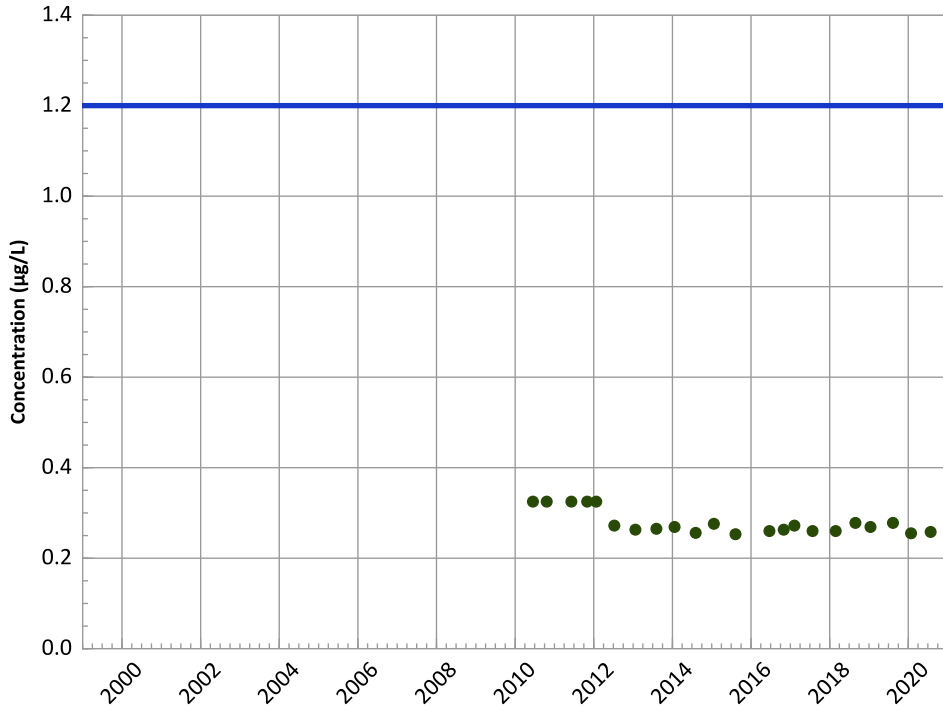
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

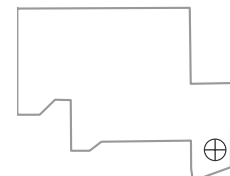
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

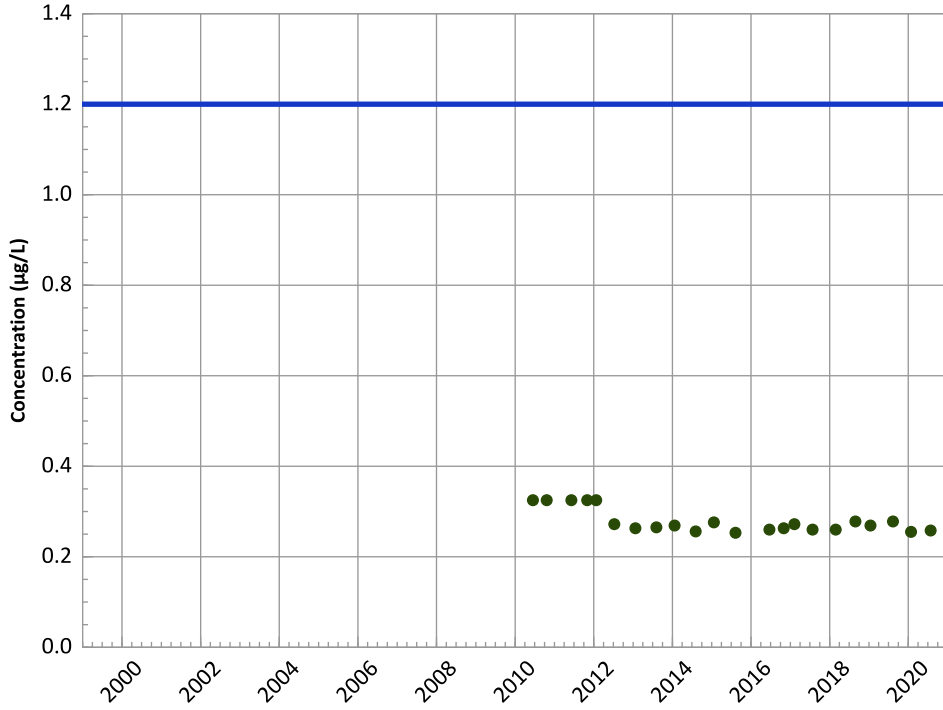


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

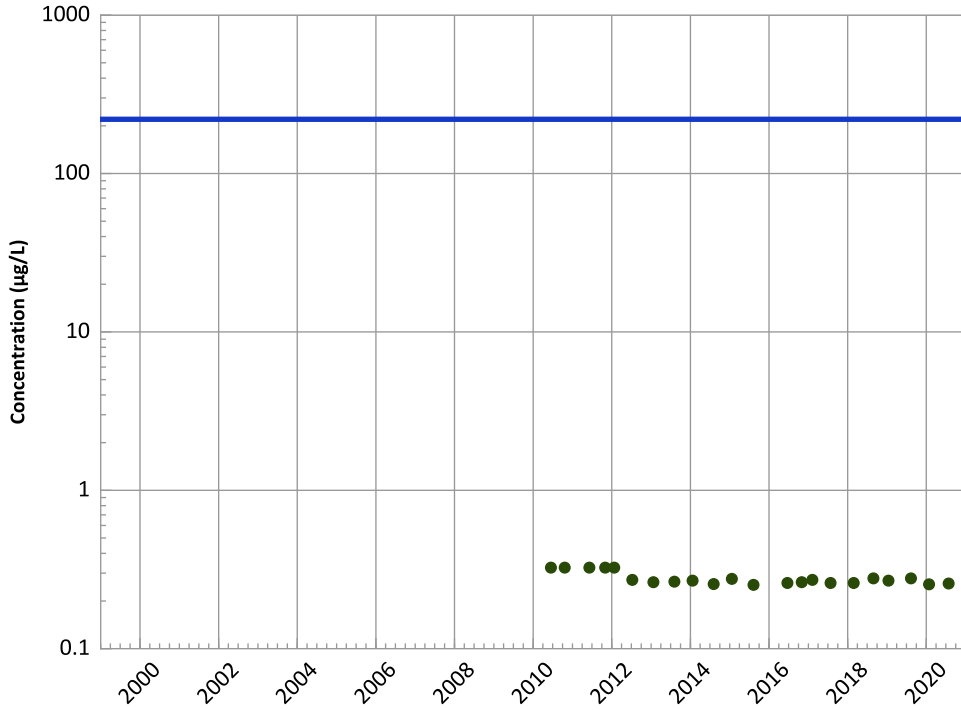
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

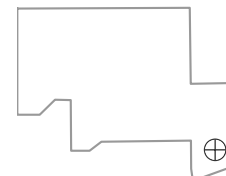
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

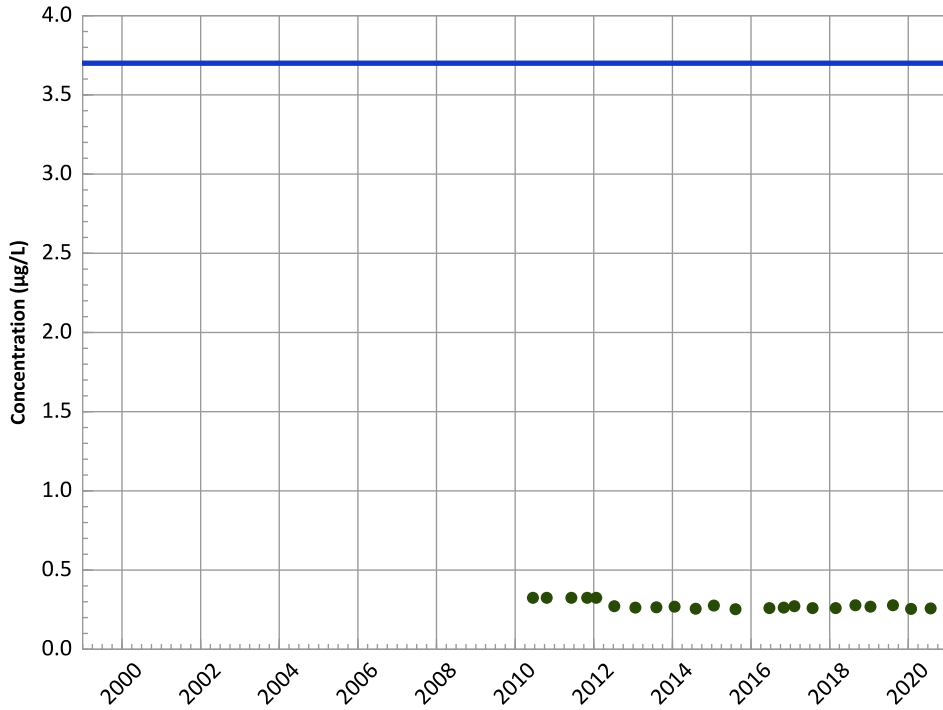
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

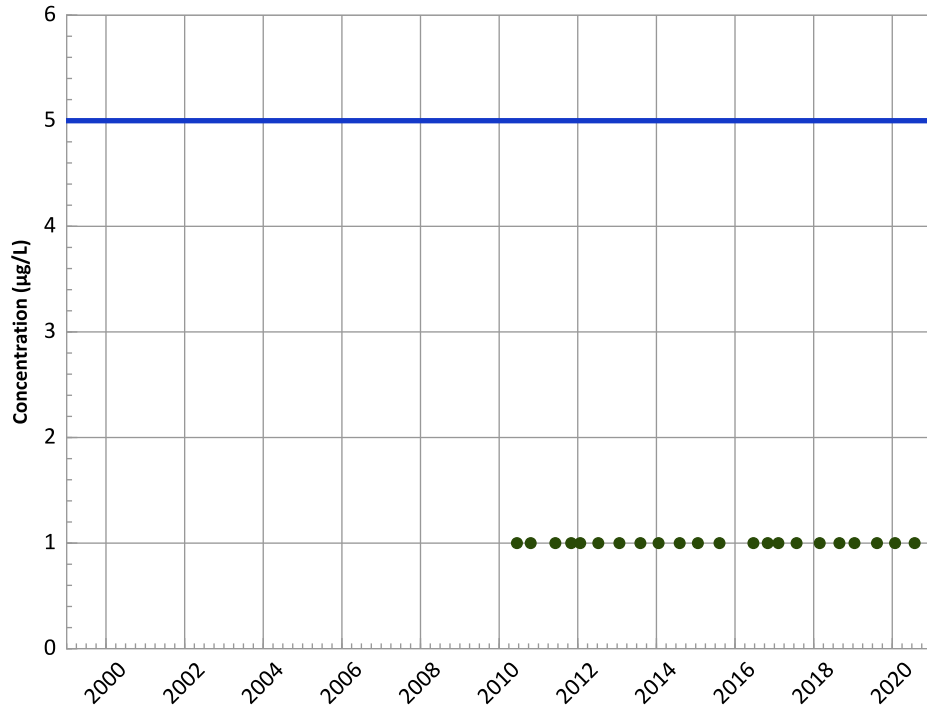
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

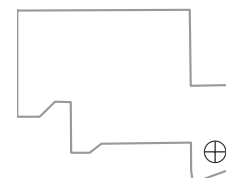
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

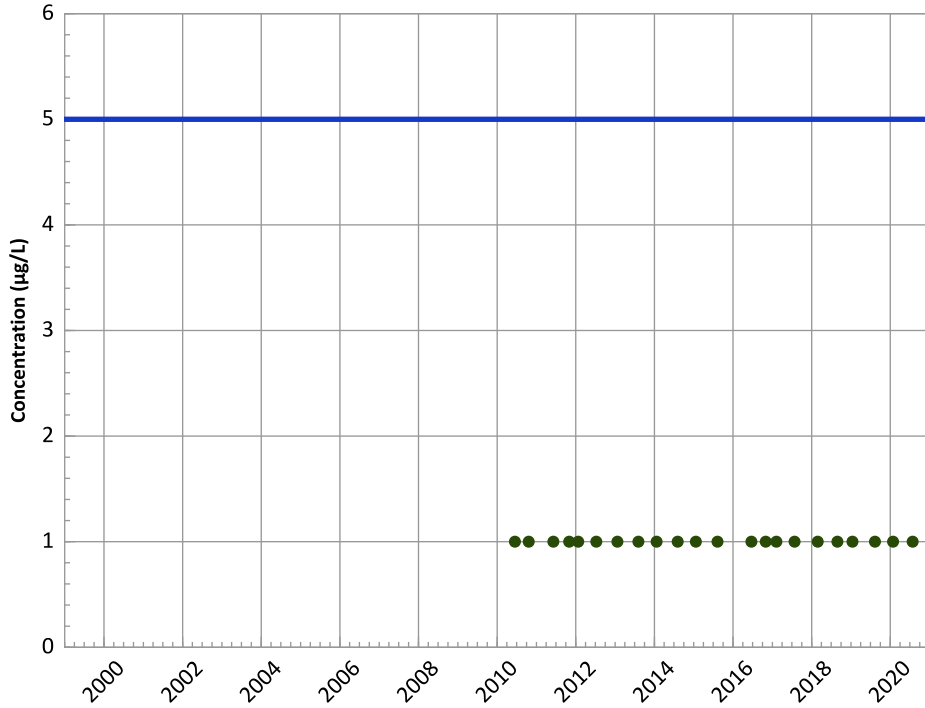


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

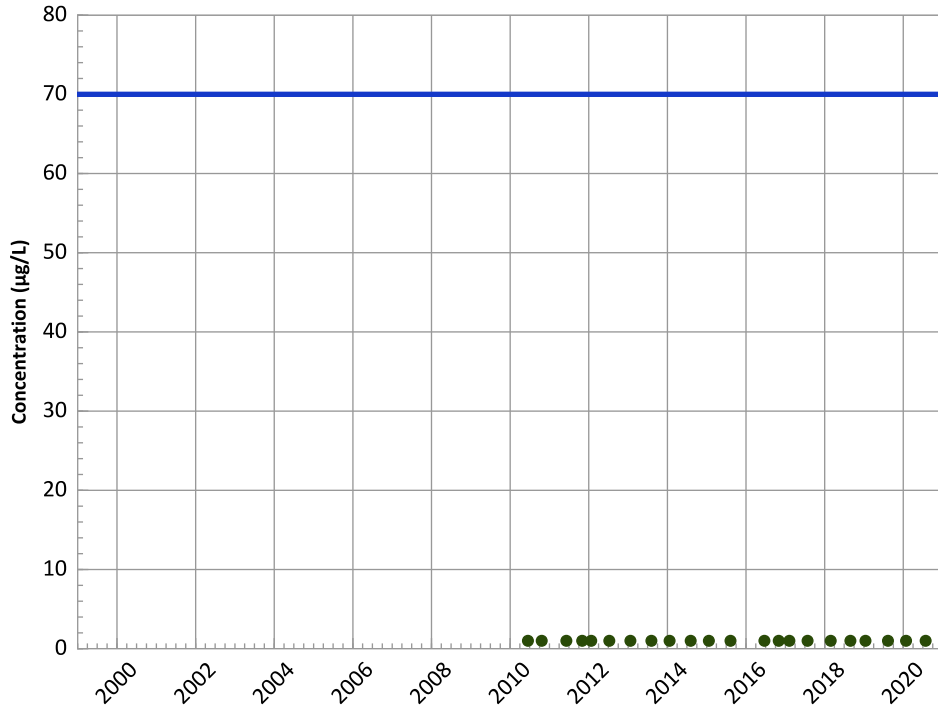
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

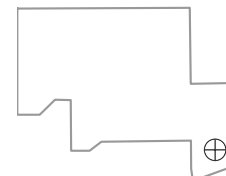
All Data:

All Non-Detect

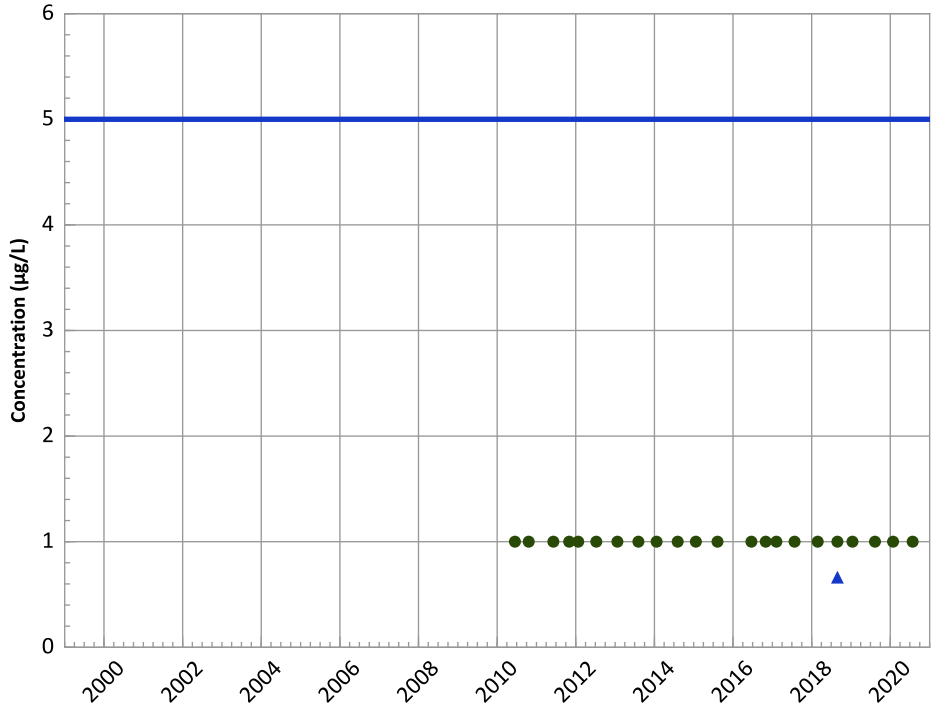
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

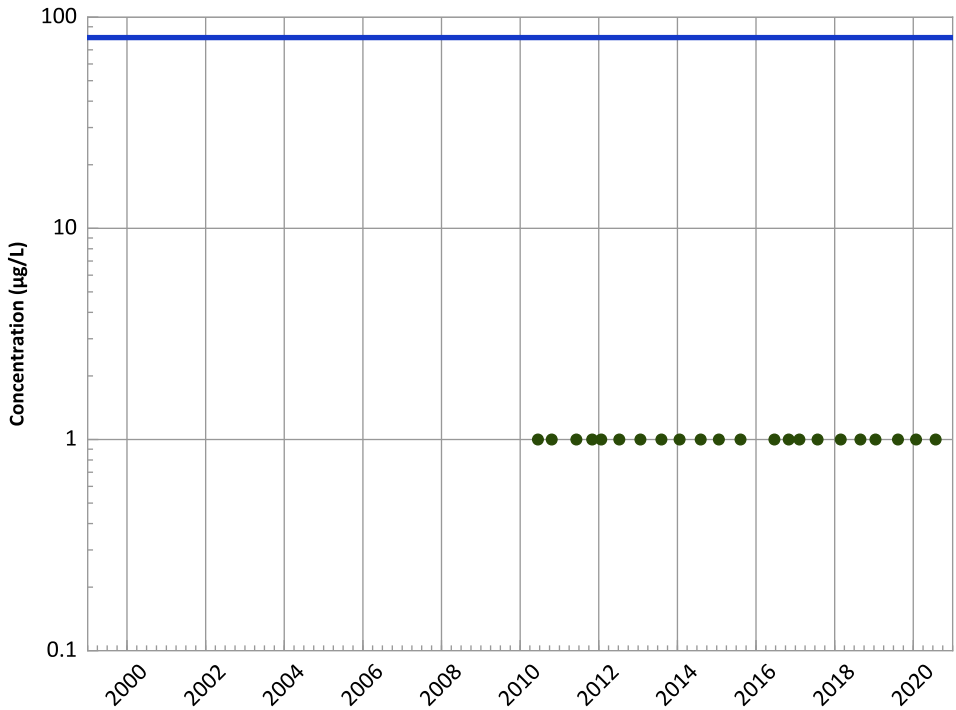
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

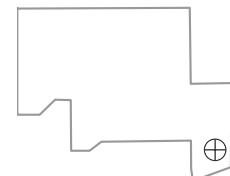
MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

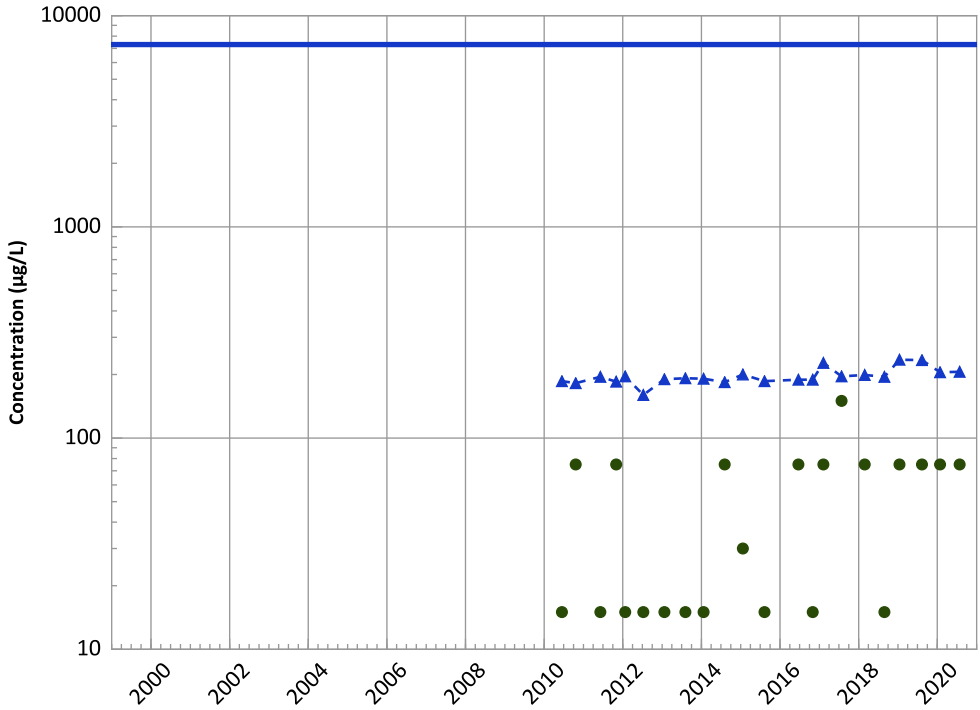
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Increasing

MAROS Linear Regression Method

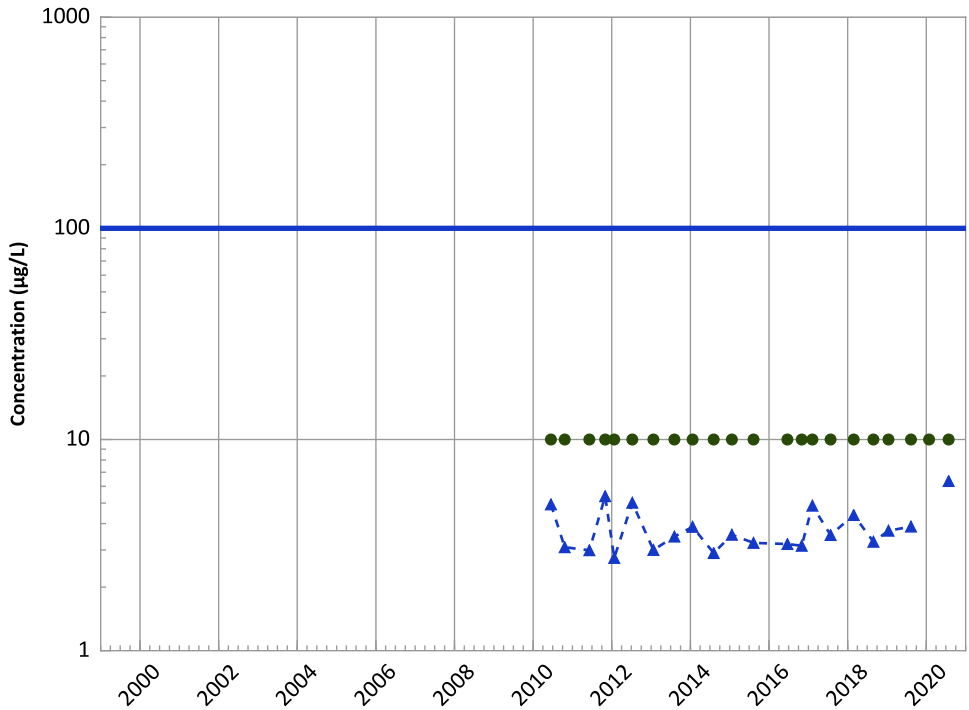
2018 - 2020 Data:

Decreasing

All Data:

Increasing

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

Increasing

MAROS Linear Regression Method

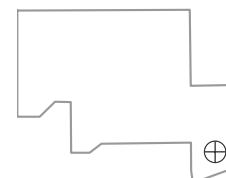
2018 - 2020 Data:

Probably Increasing

All Data:

No Trend

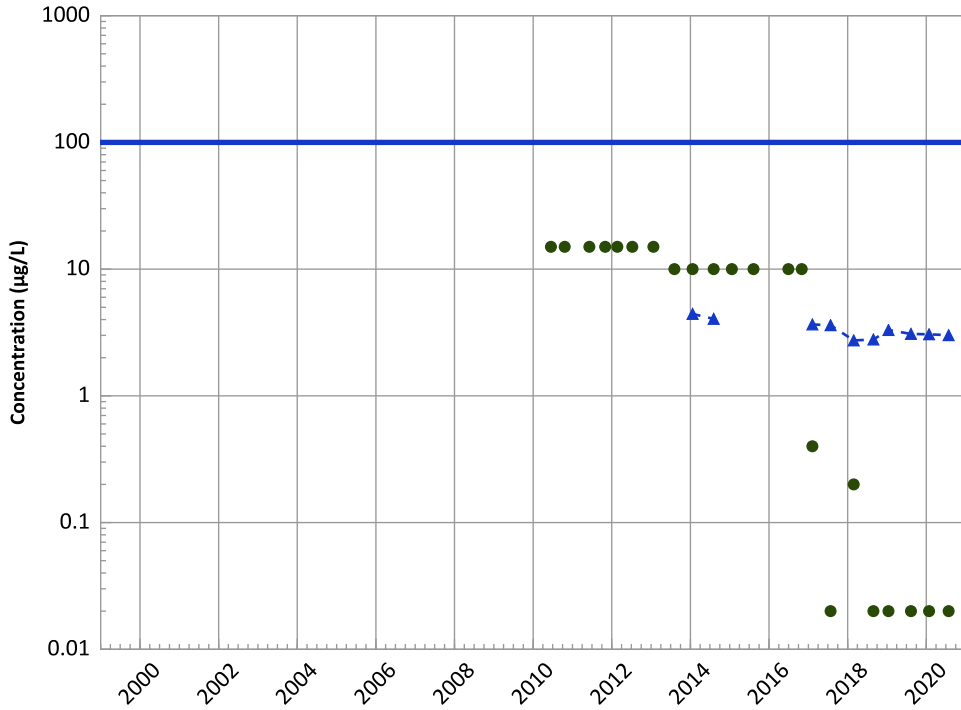
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chromium, Hexavalent Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

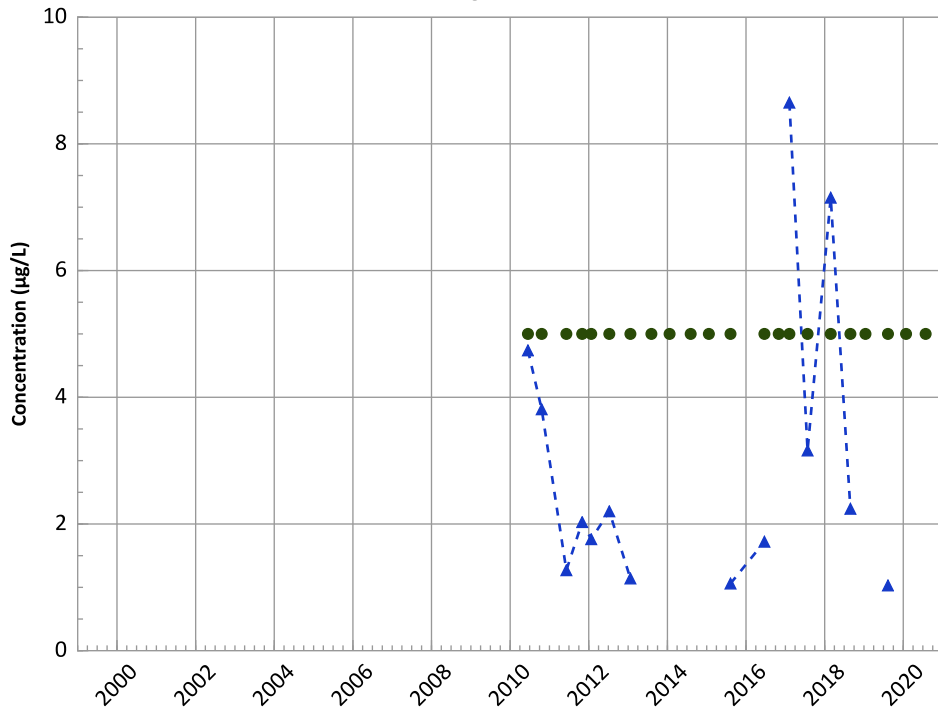
2018 - 2020 Data:

Stable

All Data:

Decreasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

No Trend

MAROS Linear Regression Method

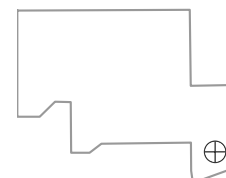
2018 - 2020 Data:

Stable

All Data:

No Trend

Well Location

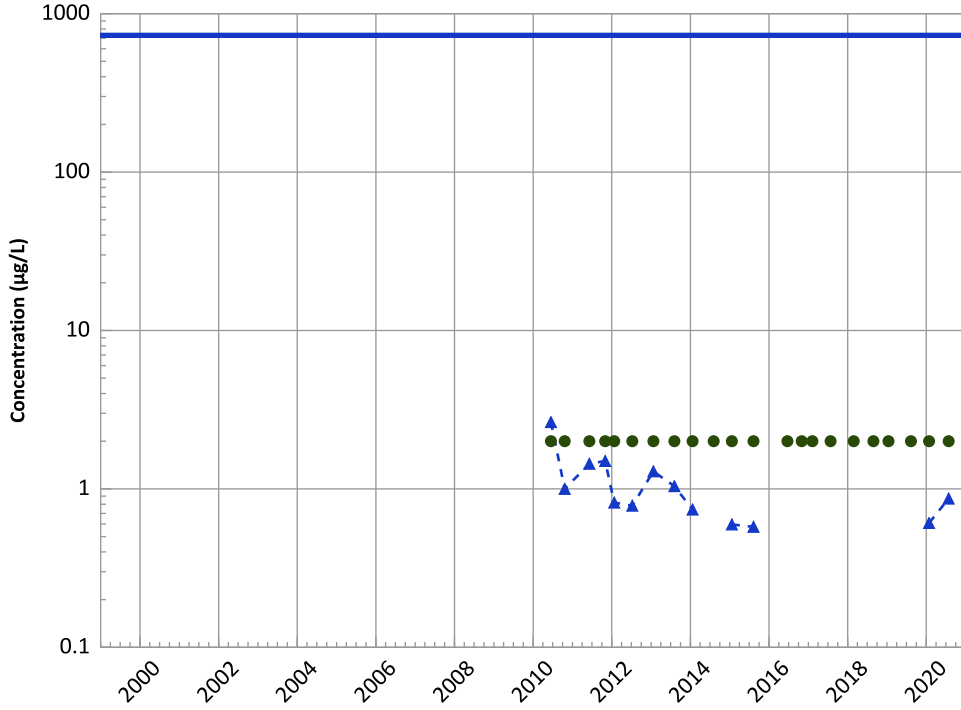


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

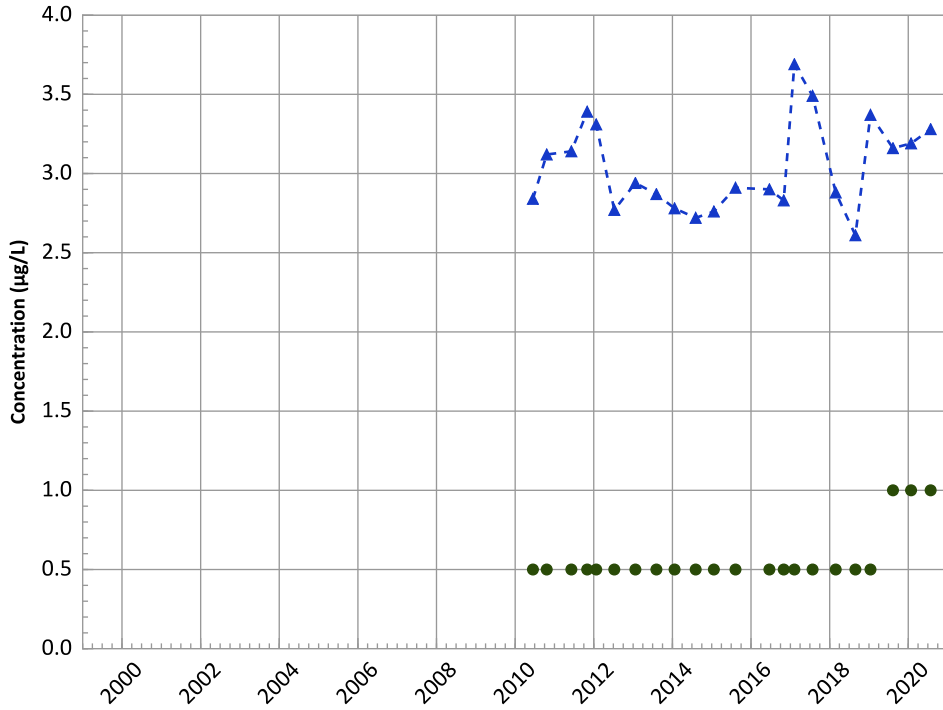


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Molybdenum Trend

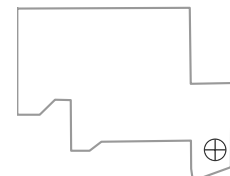


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Well Location

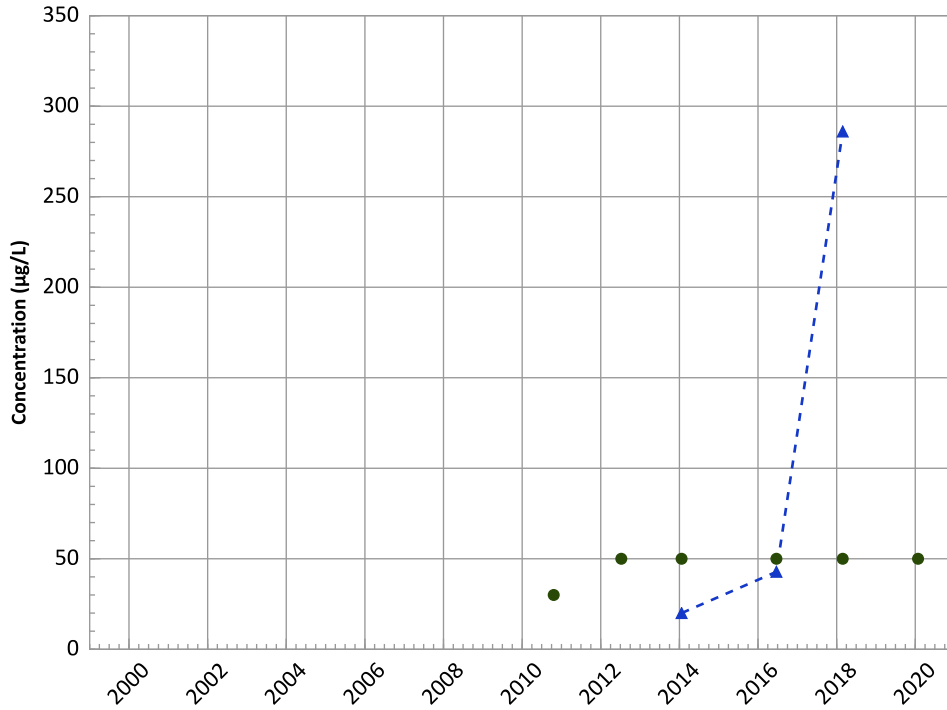


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

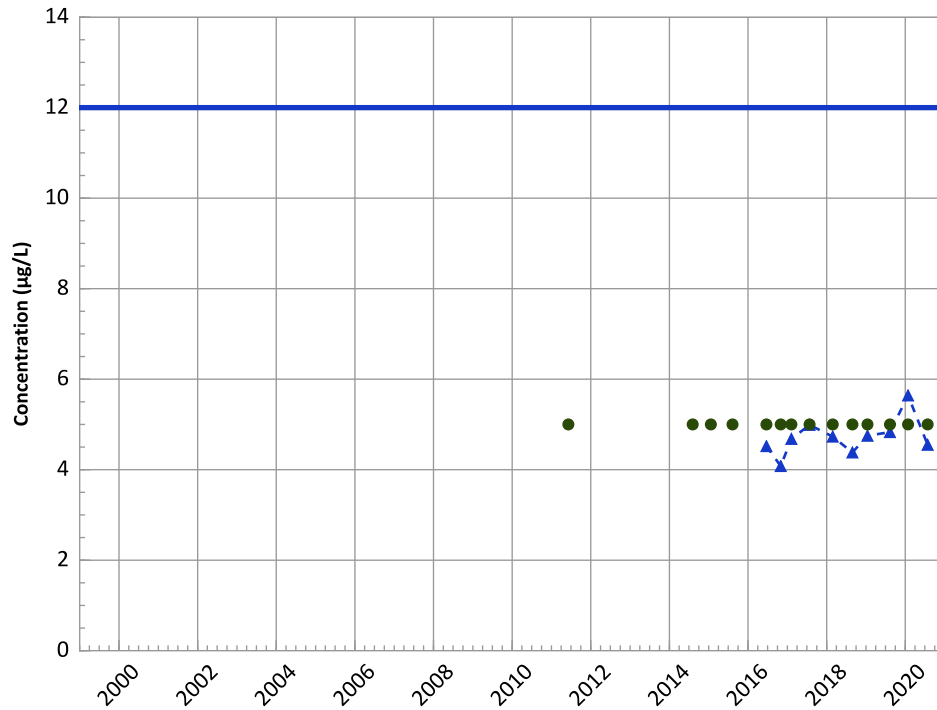


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
No Trend

Arsenic Trend

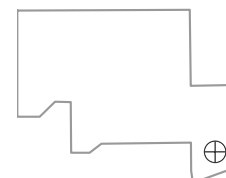


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Decreasing

Well Location

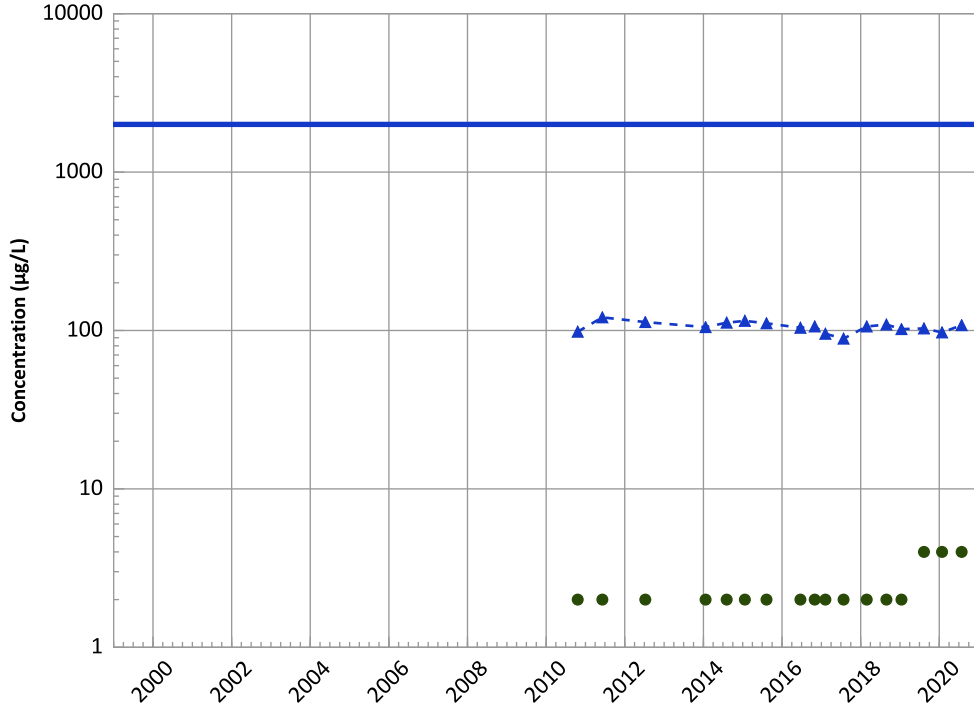


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

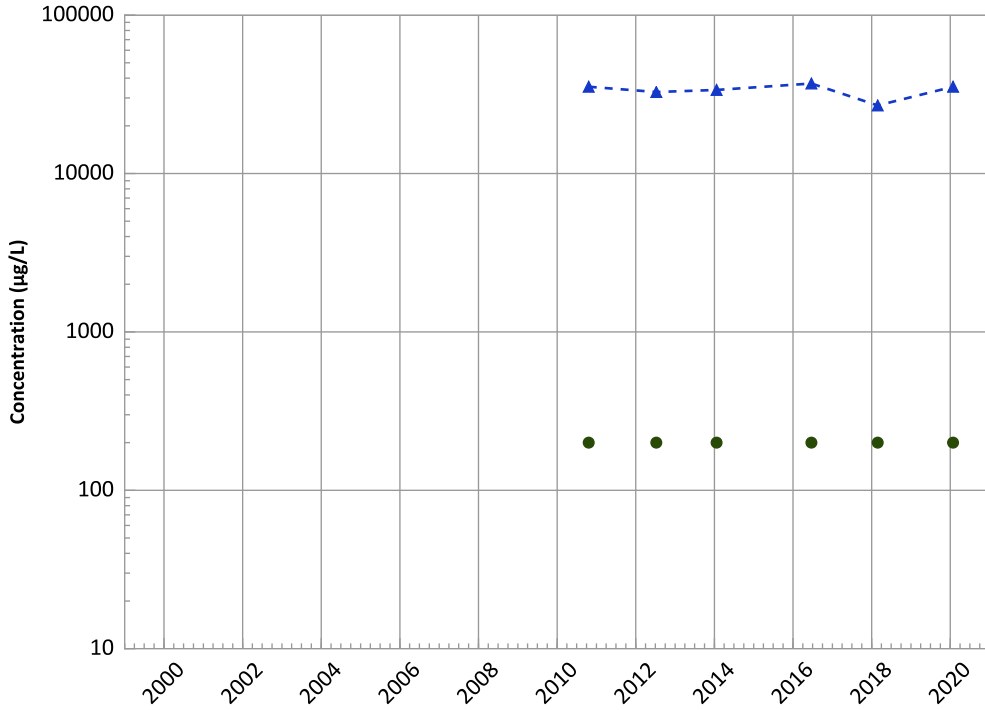
2018 - 2020 Data:

No Trend

All Data:

Probably Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Stable

MAROS Linear Regression Method

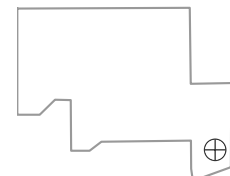
2018 - 2020 Data:

Stable

All Data:

Stable

Well Location

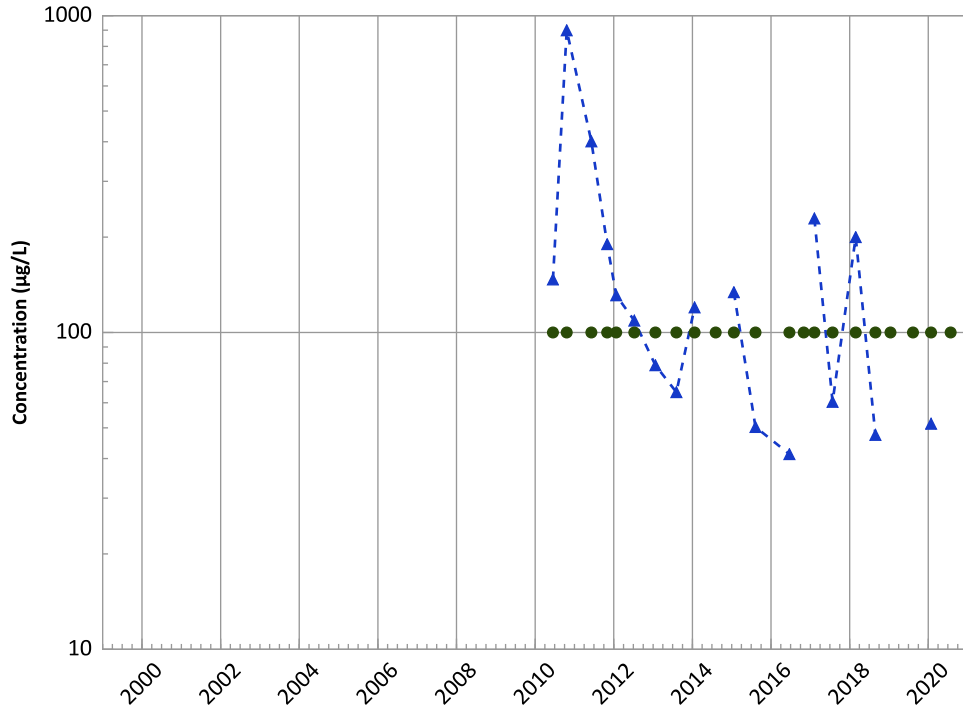


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

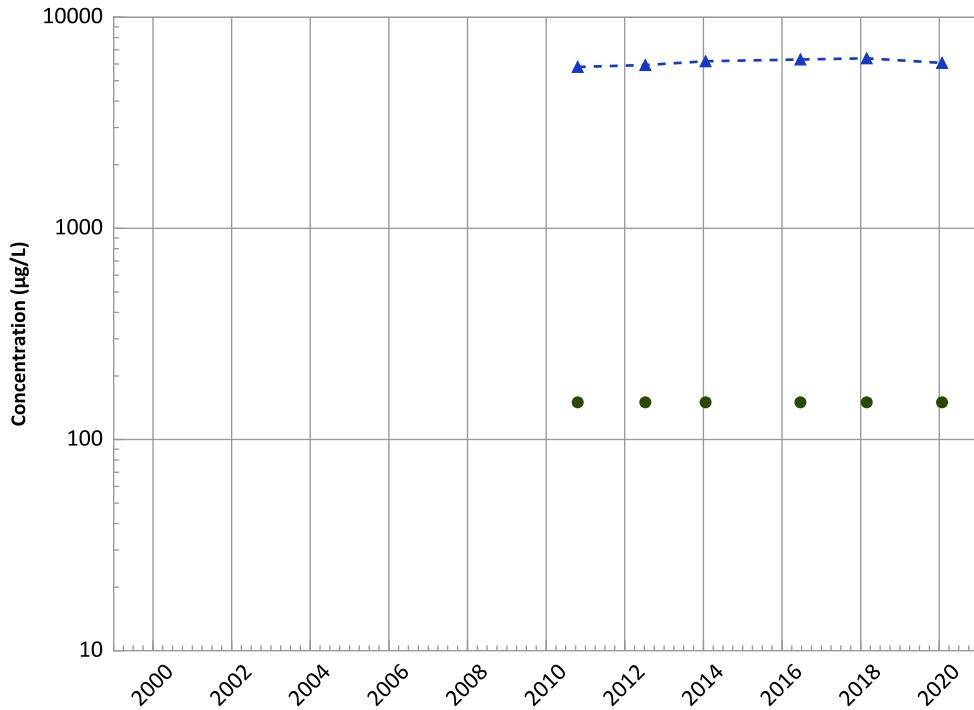


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
Decreasing

Potassium Trend

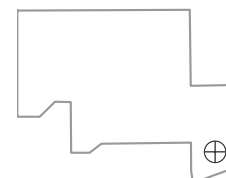


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

Well Location

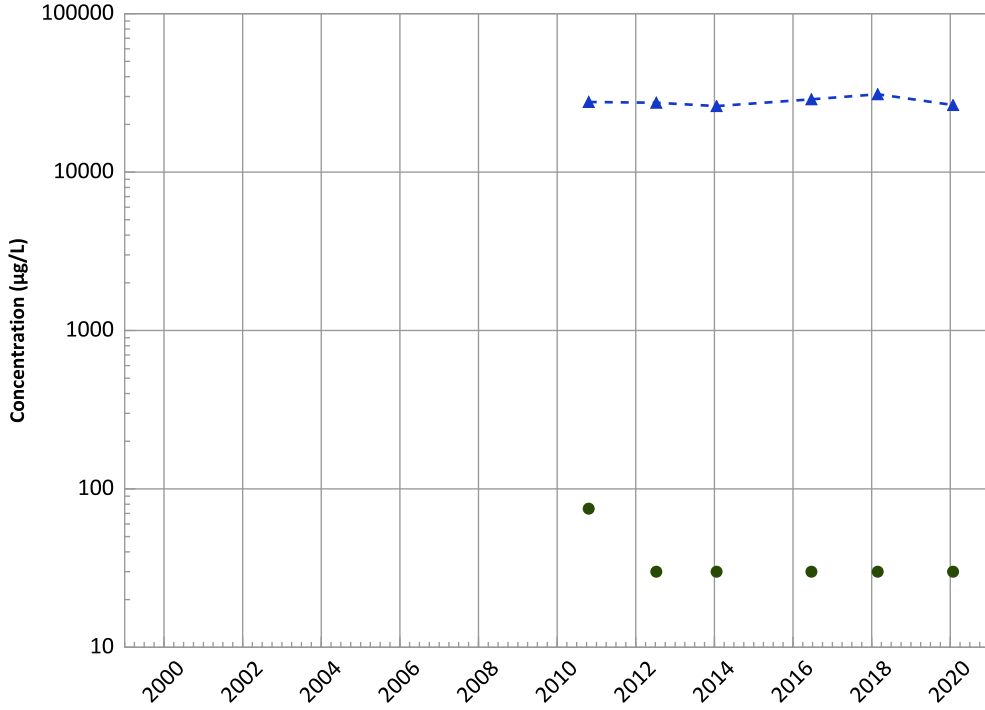


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

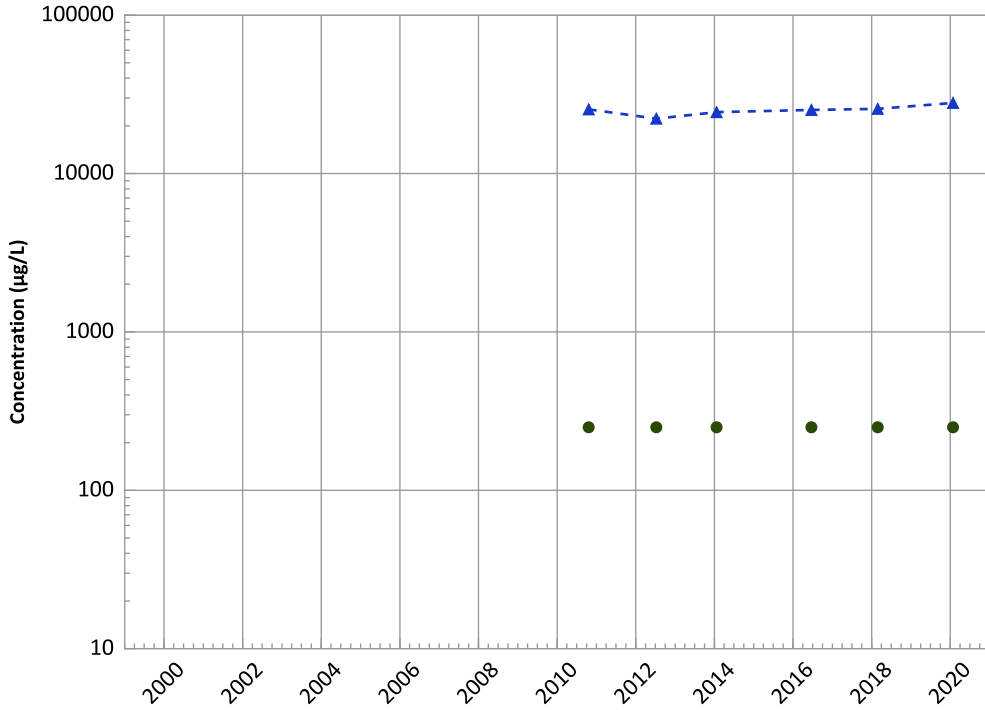
2018 - 2020 Data:

Increasing

All Data:

No Trend

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

MAROS Linear Regression Method

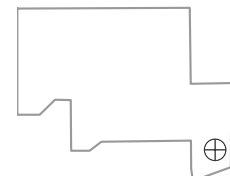
2018 - 2020 Data:

Increasing

All Data:

Probably Increasing

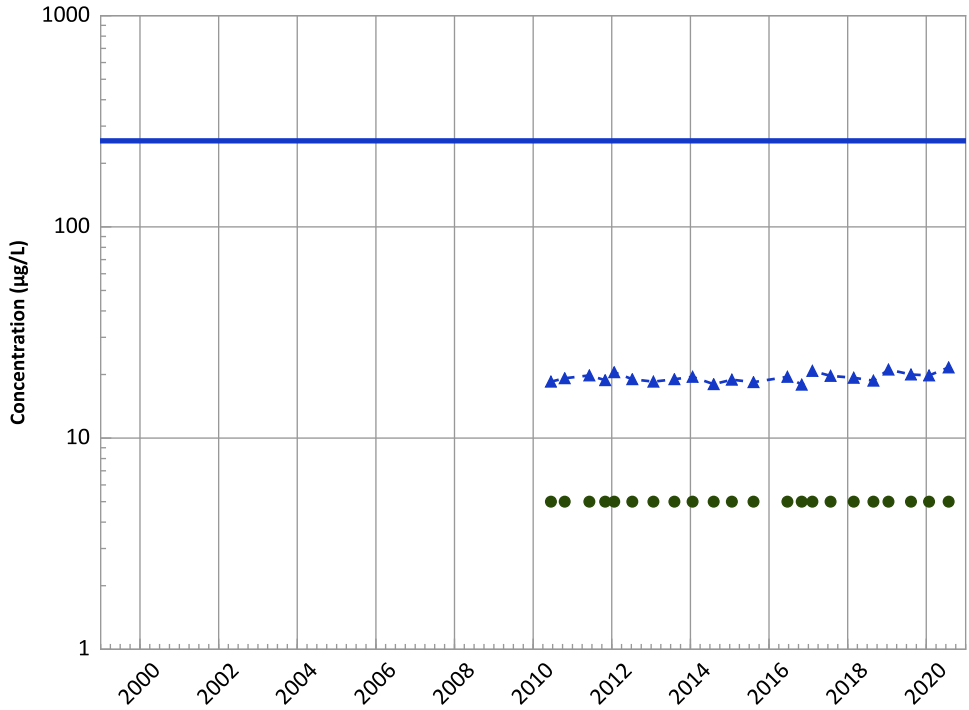
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 06/15/2010 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Vanadium Trend**

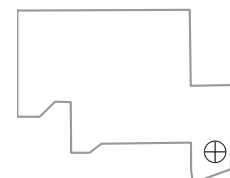


Concentration Trend
MAROS Mann-Kendall Method
 2018 - 2020 Data:
 Stable
 All Data:
 Increasing
MAROS Linear Regression Method
 2018 - 2020 Data:
 No Trend
 All Data:
 Increasing

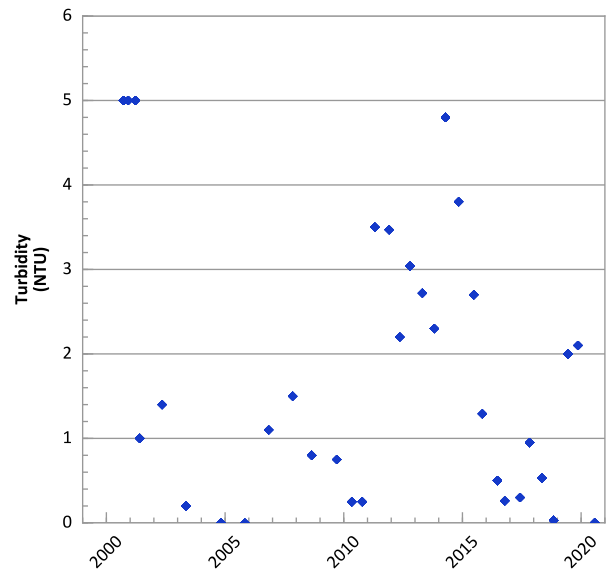
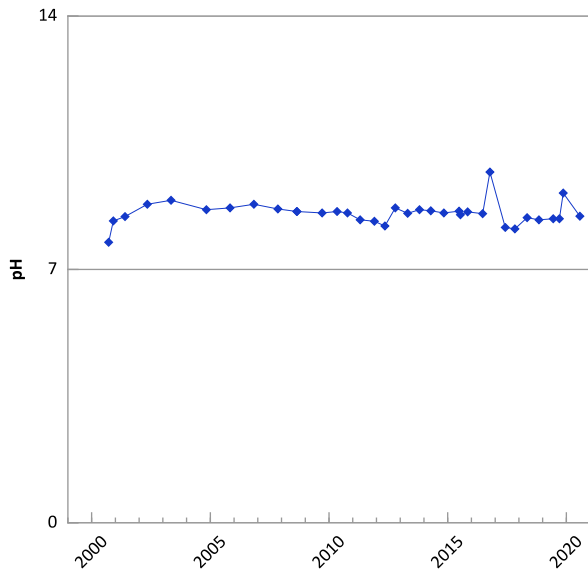
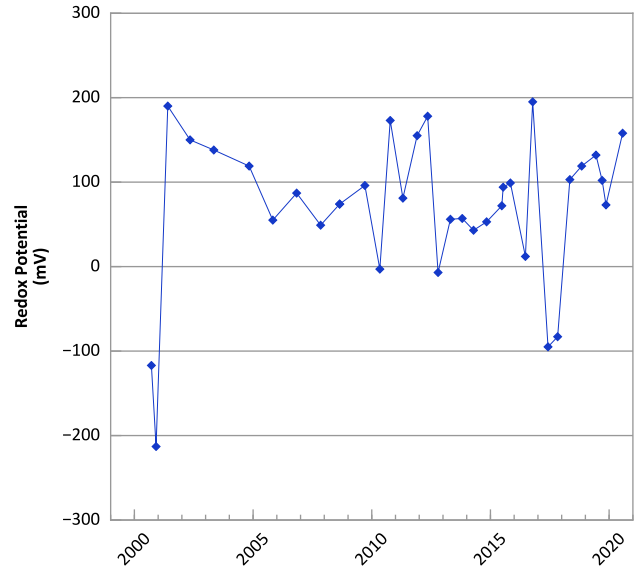
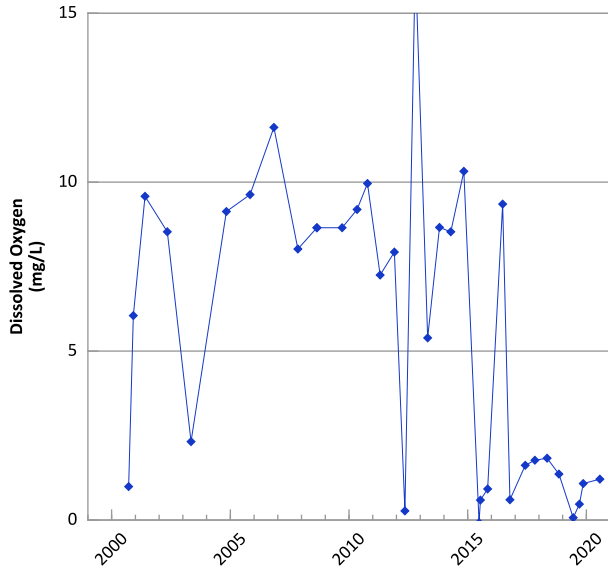
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 06/15/2010 to 07/27/2020
 Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location

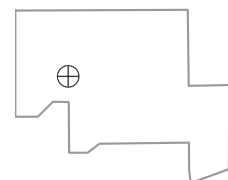


**PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters**



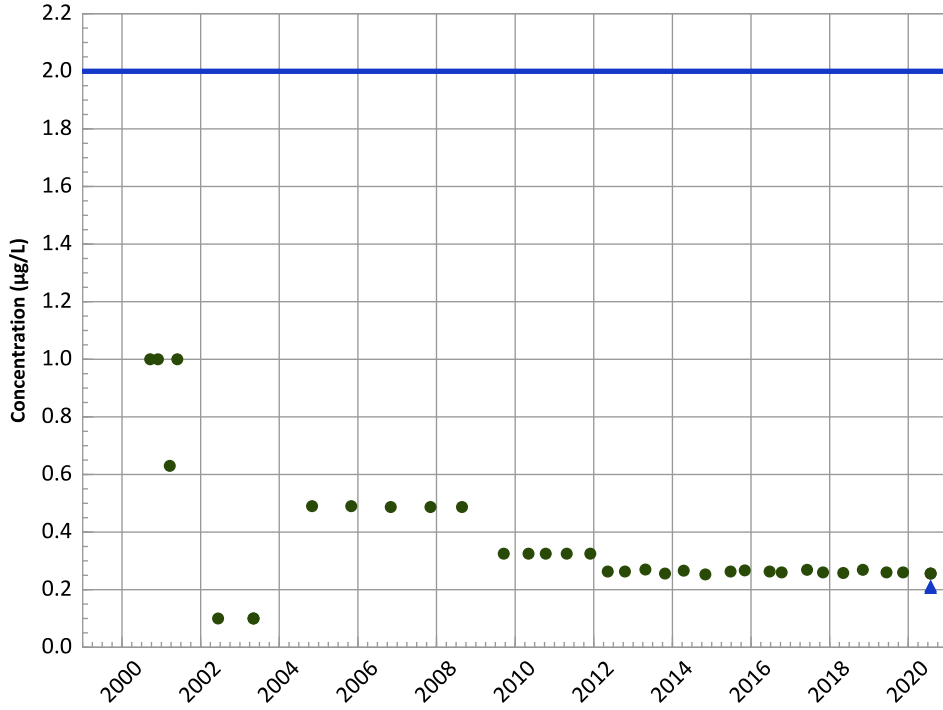
Query Date Range: 01/01/1992 to 12/31/2020
 Data Date Range: 05/08/2000 to 07/27/2020
 Analysis Date: 06/03/2021

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

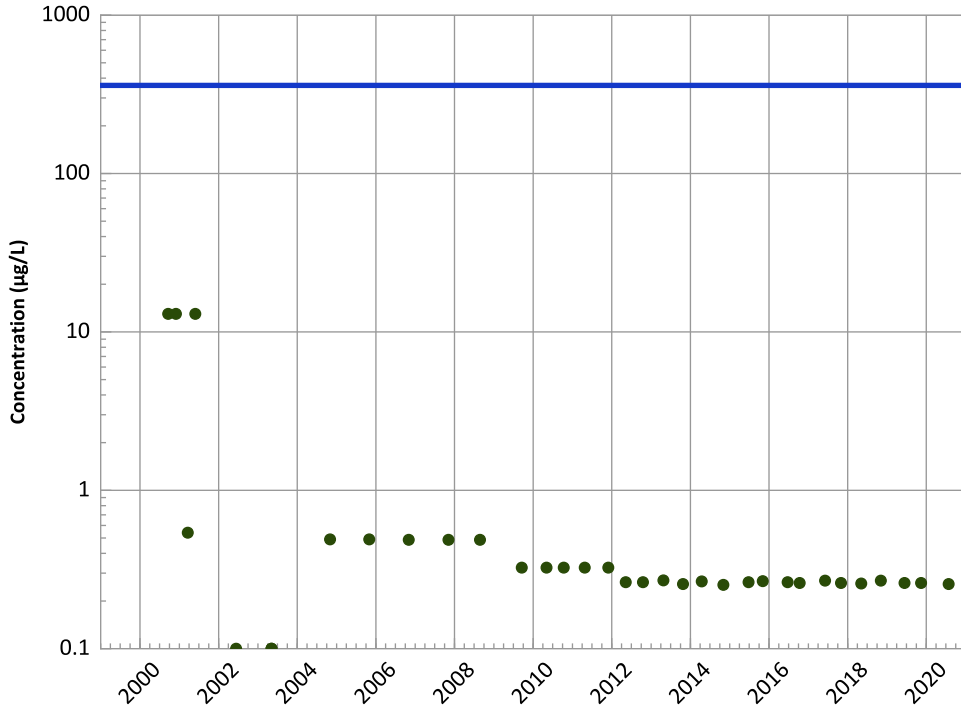
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

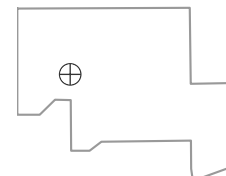
Query Date Range: 01/01/1992 to 12/31/2020

Data Date Range: 05/08/2000 to 07/27/2020

Analysis Date: 06/03/2021

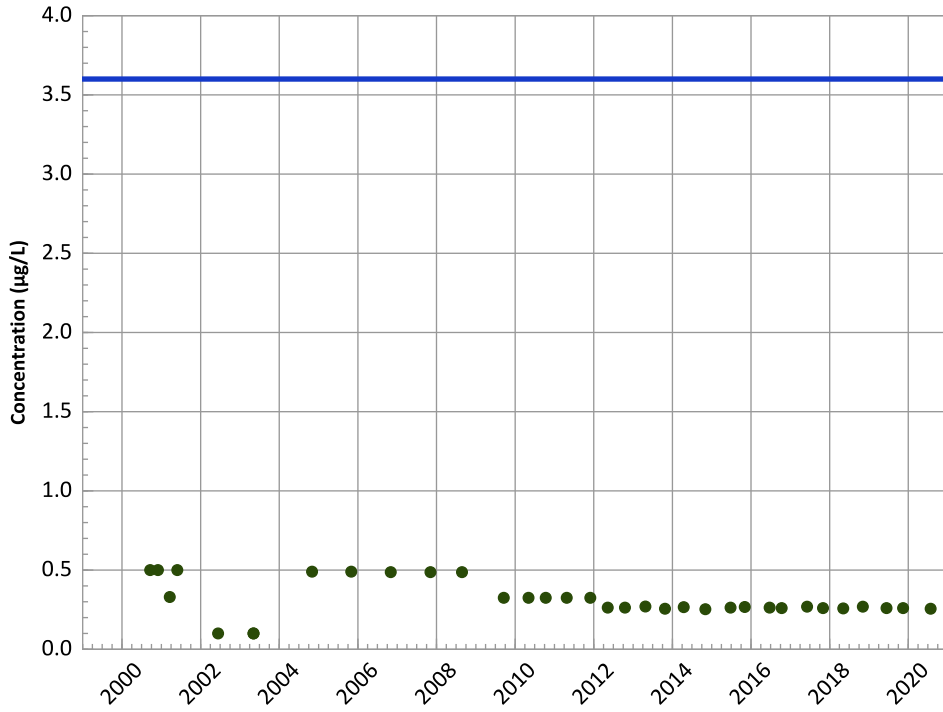
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

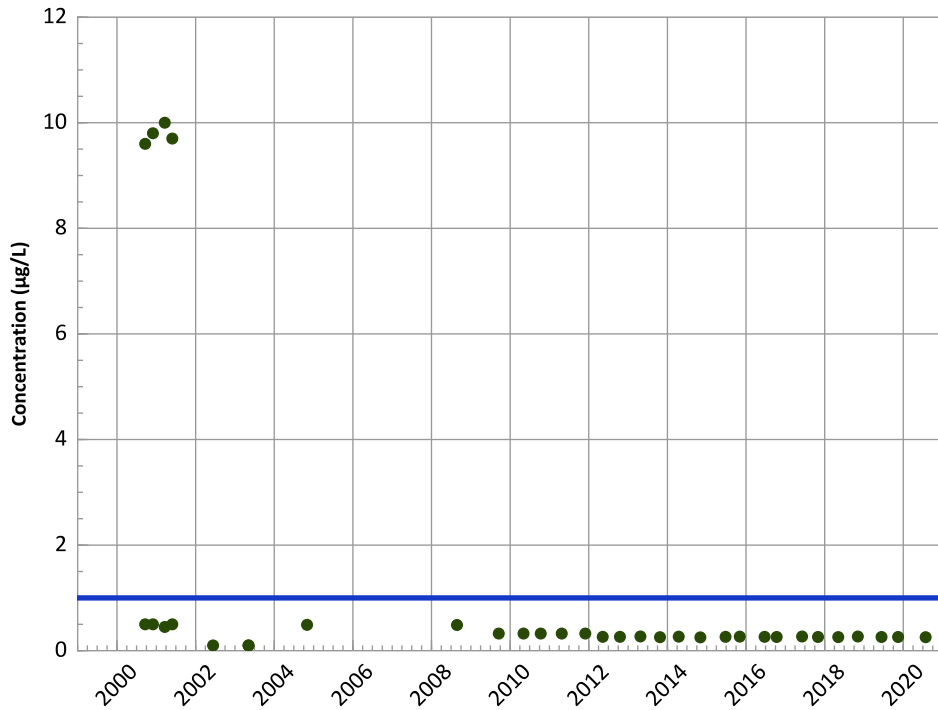
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

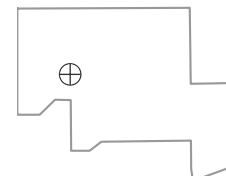
All Data:

All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

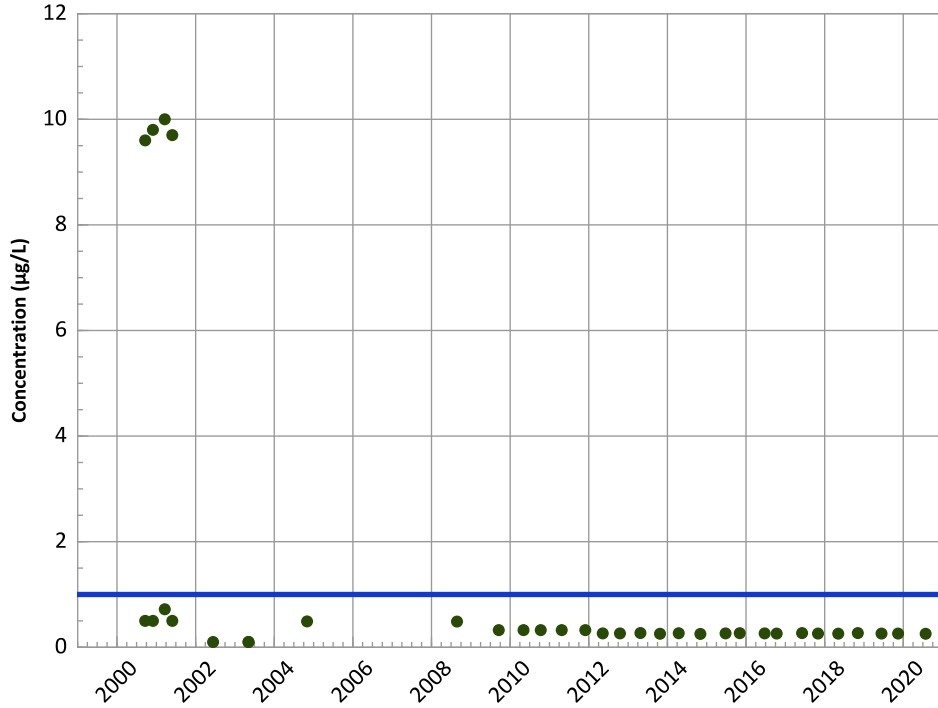
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

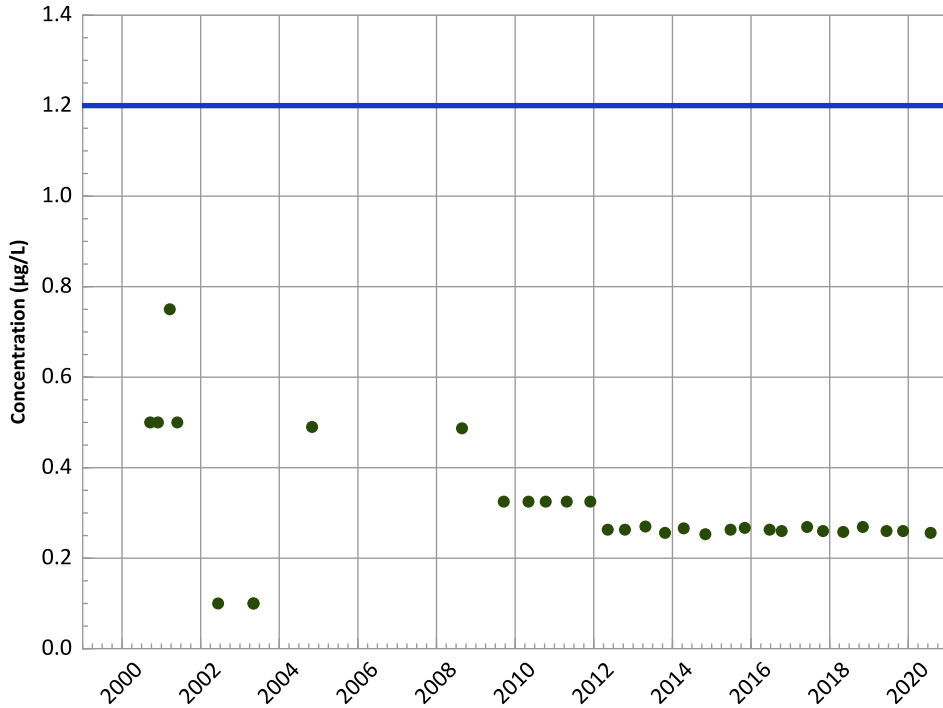
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

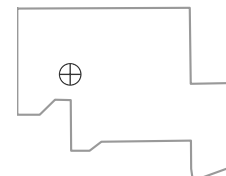
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

Well Location

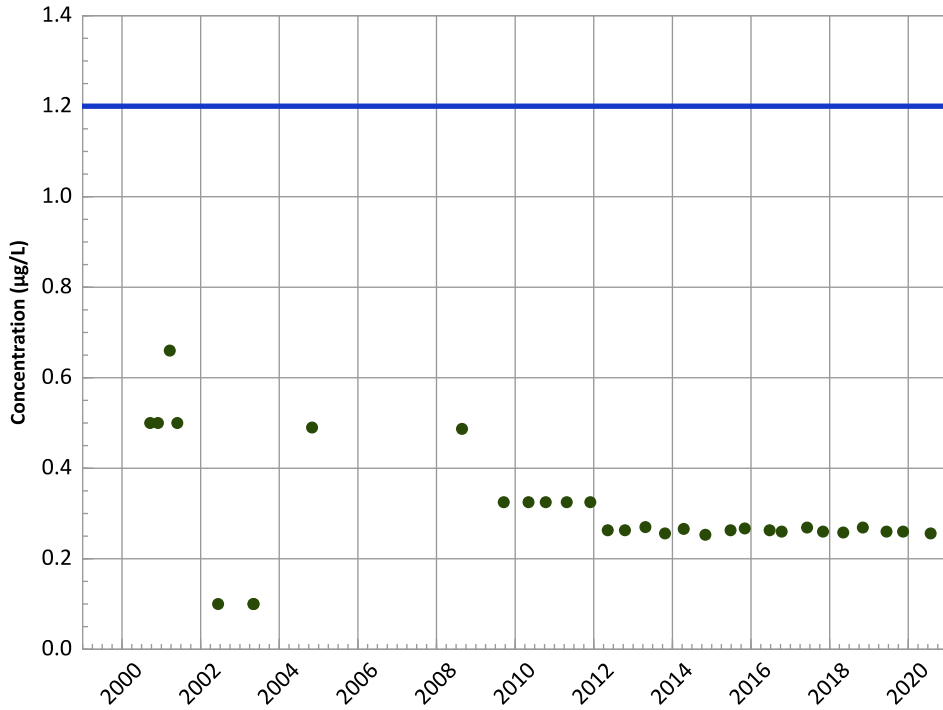


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

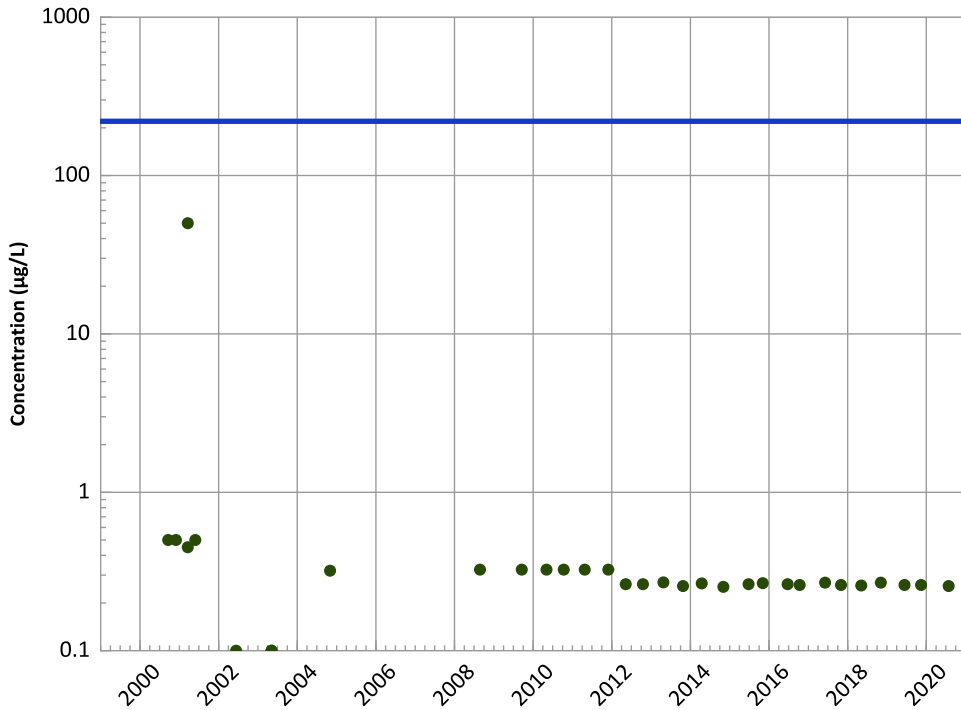
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

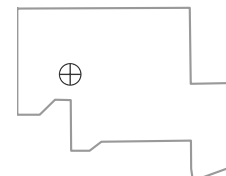
All Data:

All Non-Detect

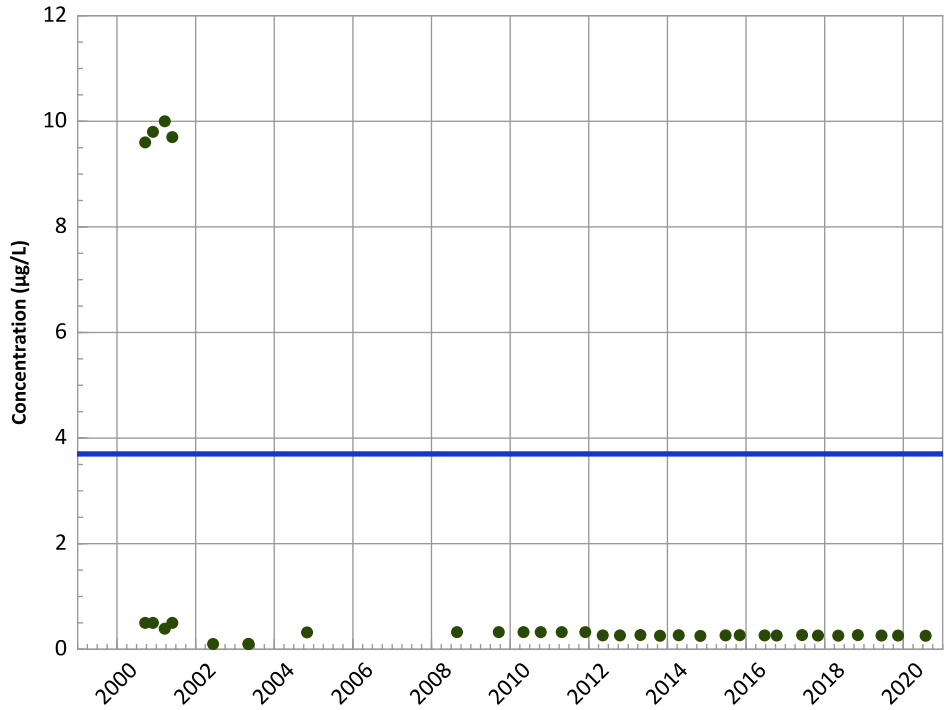
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

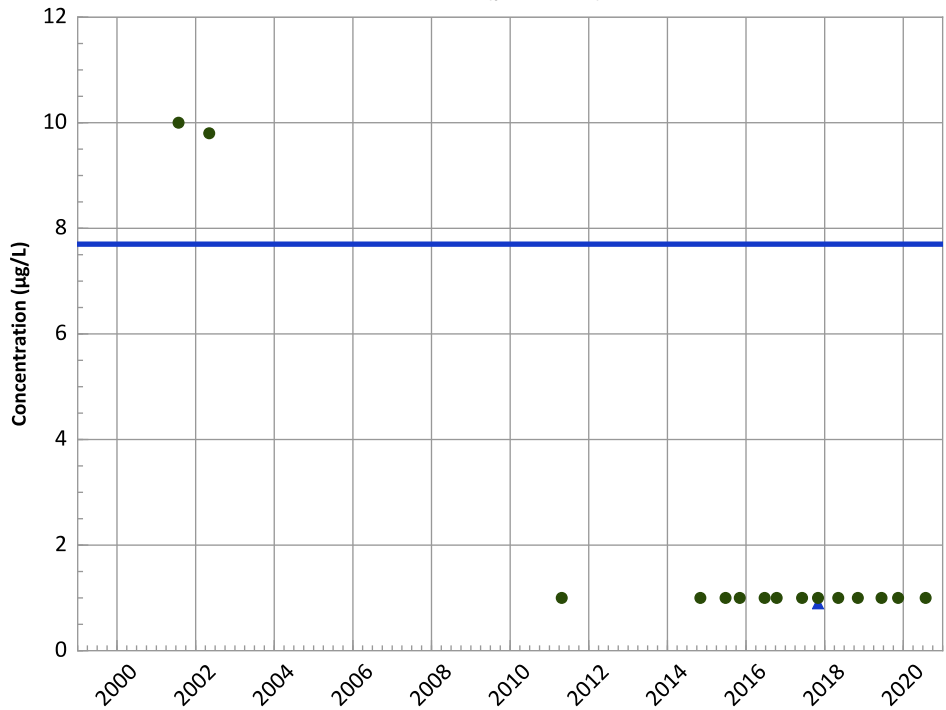
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

N/A (<4 Detections in Dataset)

MAROS Linear Regression Method

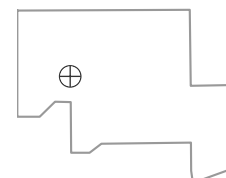
2018 - 2020 Data:

N/A (<4 Detections in Dataset)

All Data:

N/A (<4 Detections in Dataset)

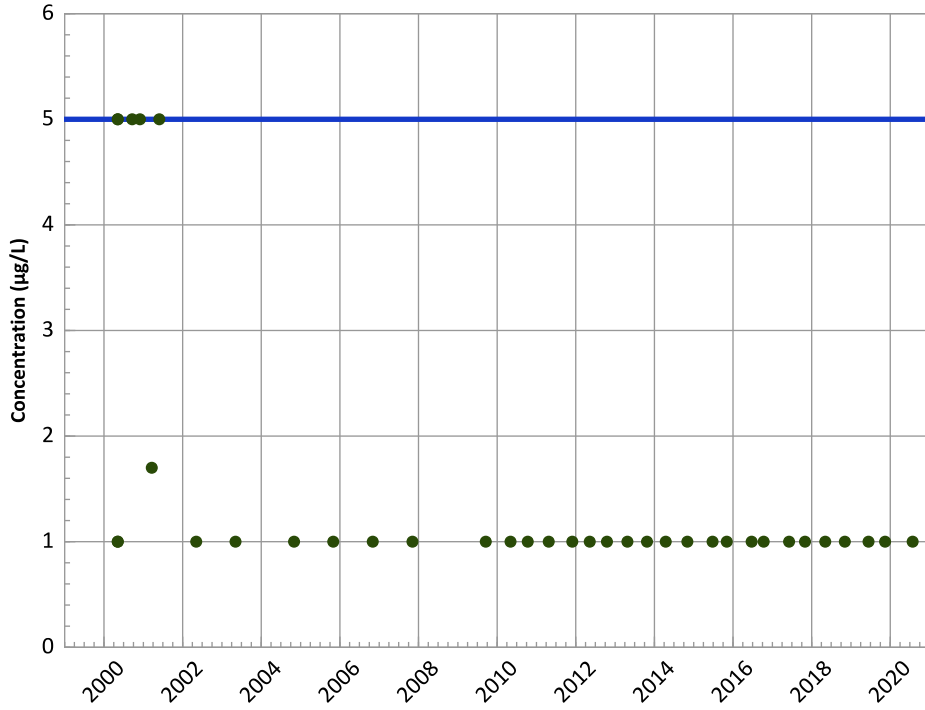
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

**PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Tetrachloroethylene (PCE) Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

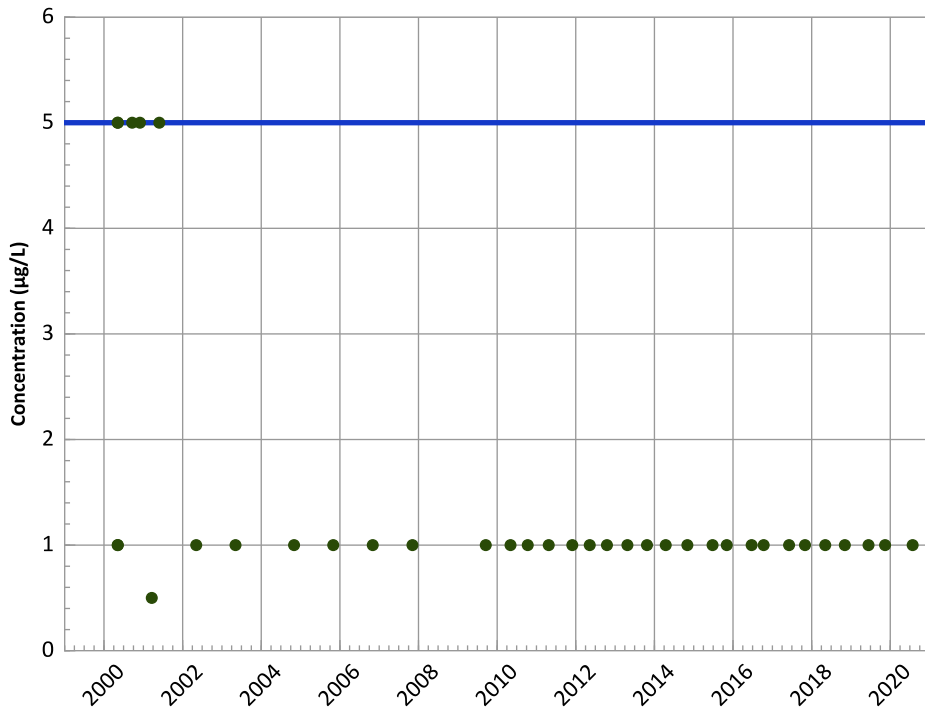
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:
All Non-Detect

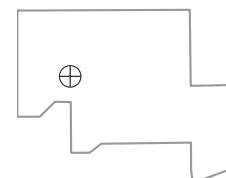
All Data:
All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:
All Non-Detect

All Data:
All Non-Detect

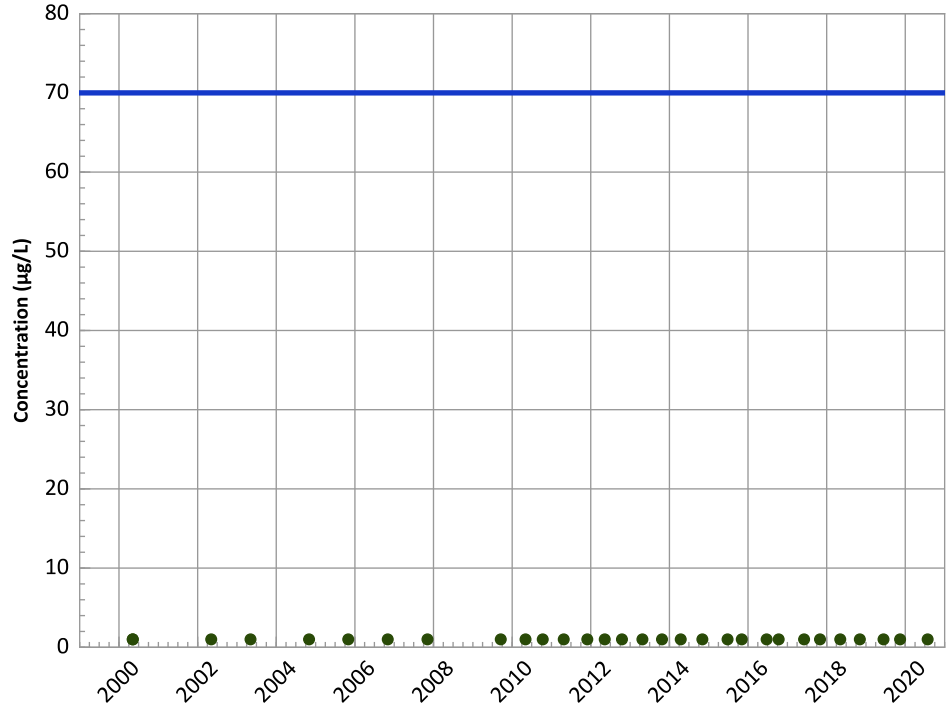
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ 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

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

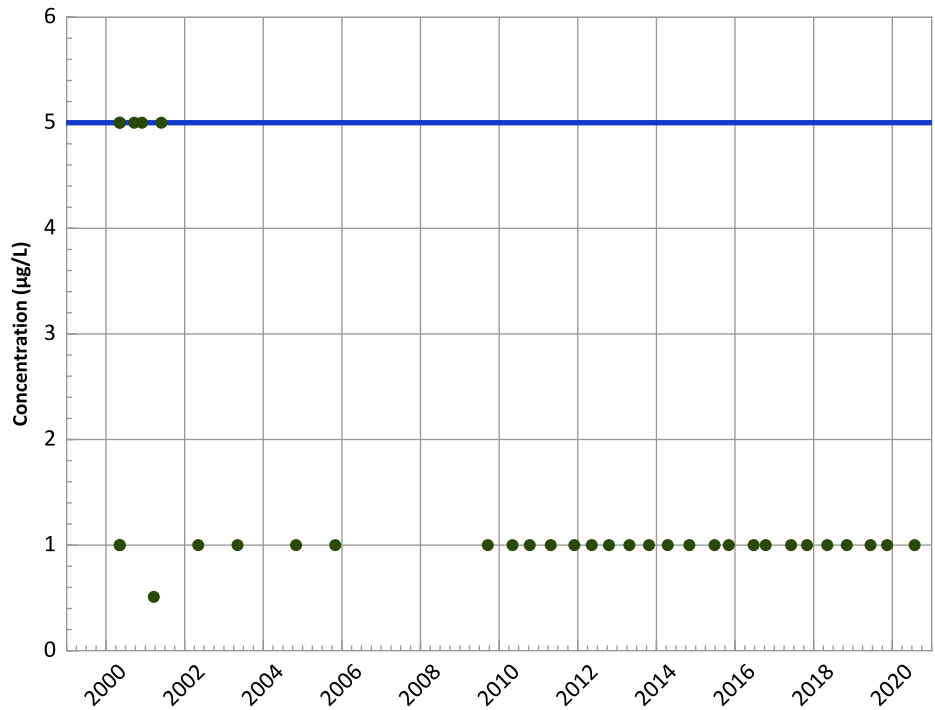
2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

All Non-Detect

MAROS Linear Regression Method

2018 - 2020 Data:

All Non-Detect

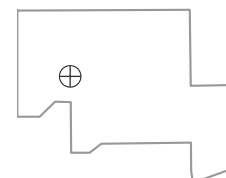
All Data:

All Non-Detect

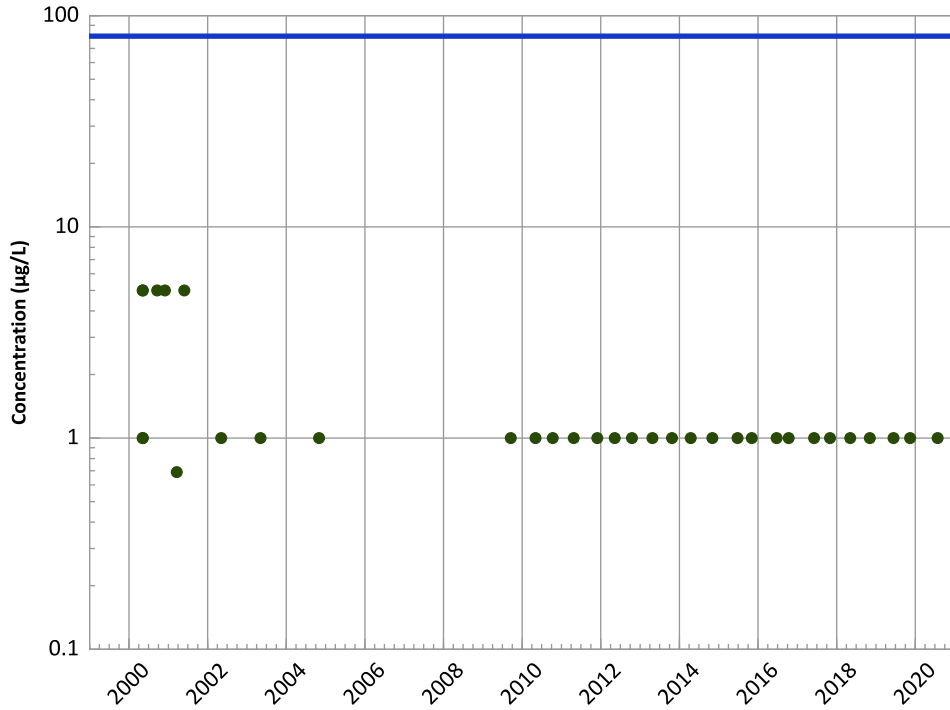
Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



**PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Chloroform Trend**

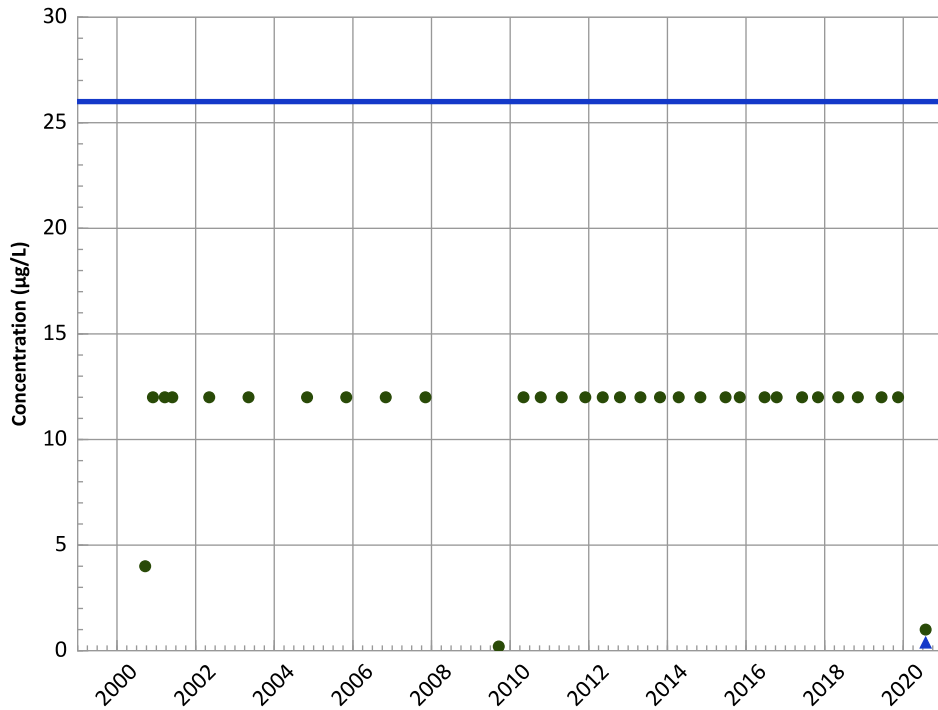


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2018 - 2020 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend

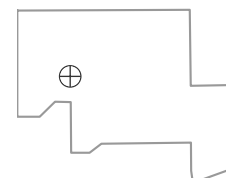


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

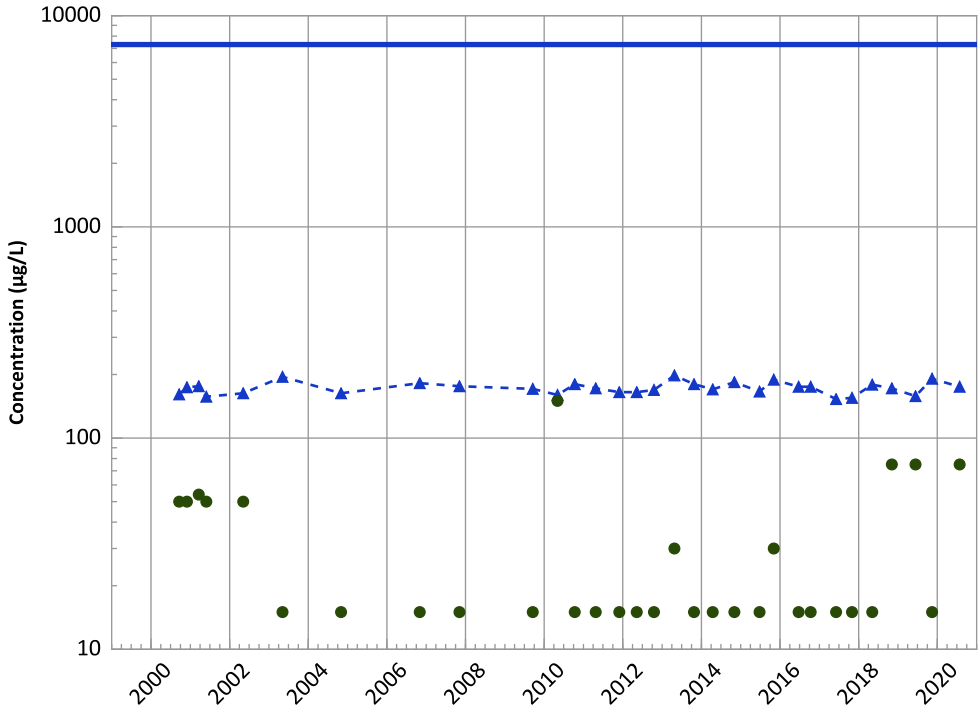
Well Location



Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

**PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Boron Trend**



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

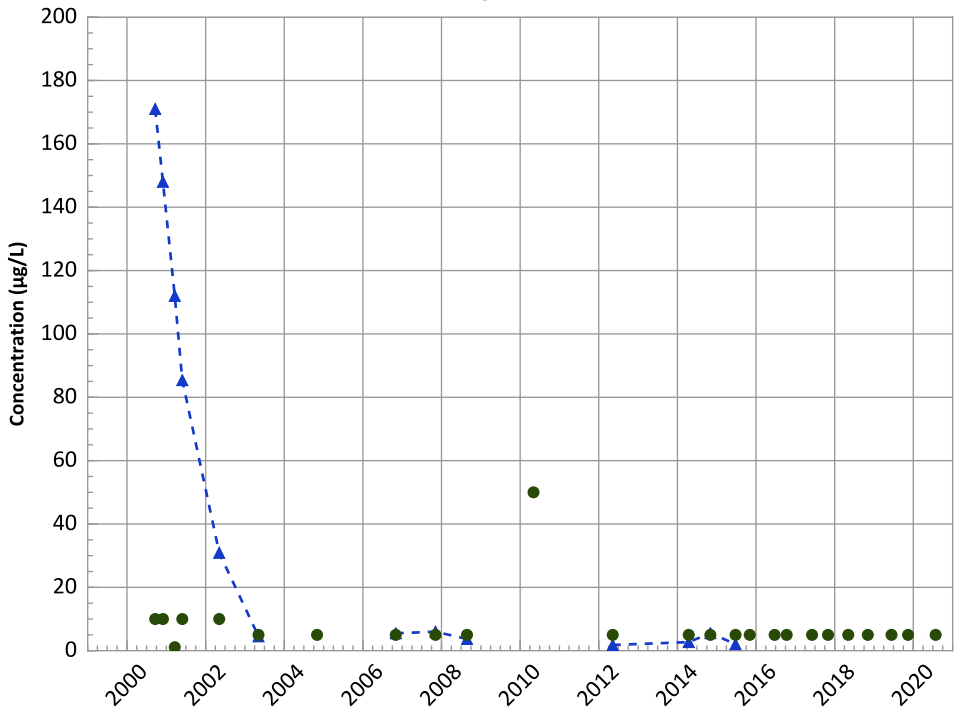
2018 - 2020 Data:

No Trend

All Data:

Increasing

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

All Non-Detect

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

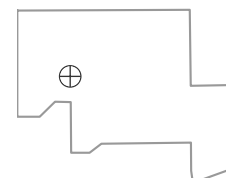
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

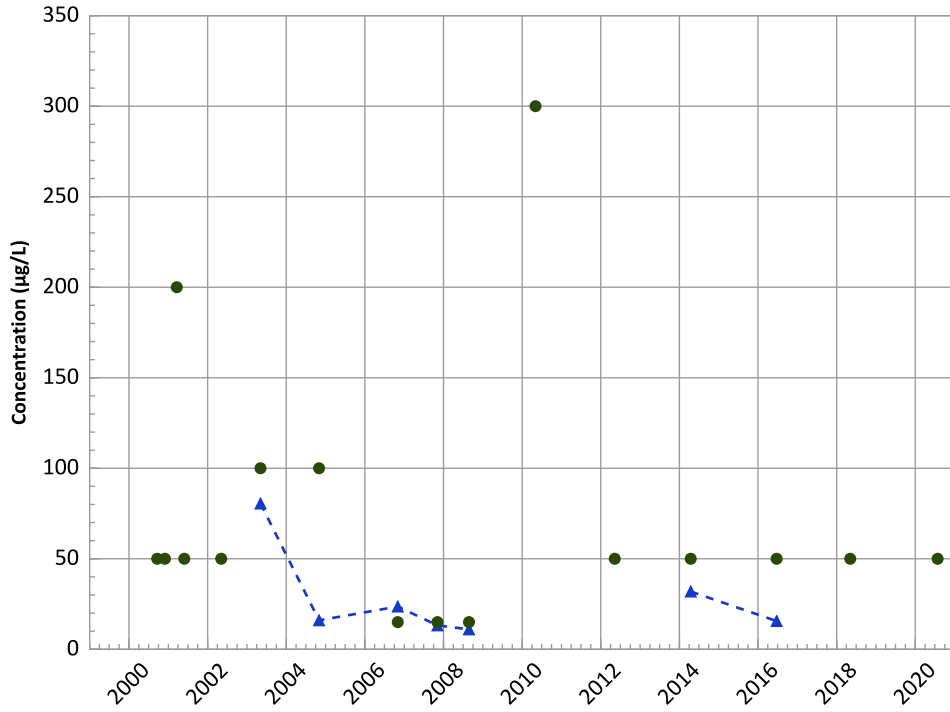
- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

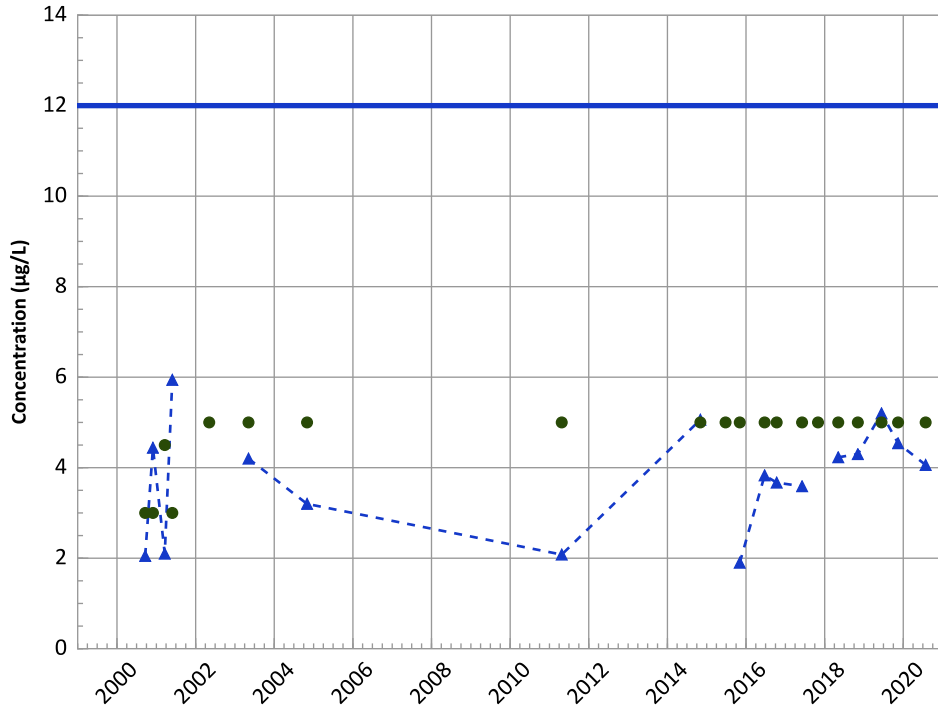


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2018 - 2020 Data:
No Trend
All Data:
Stable

Arsenic Trend

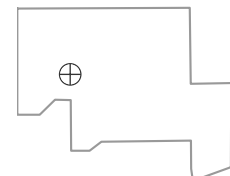


Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method
2018 - 2020 Data:
Stable
All Data:
No Trend

Well Location

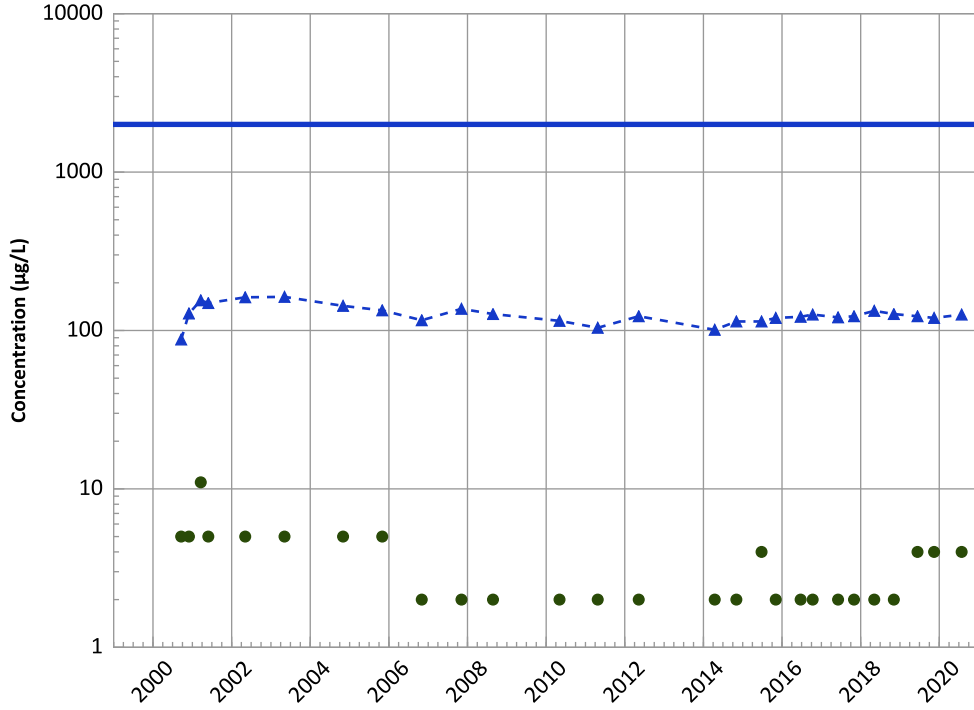


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Decreasing

All Data:

Decreasing

MAROS Linear Regression Method

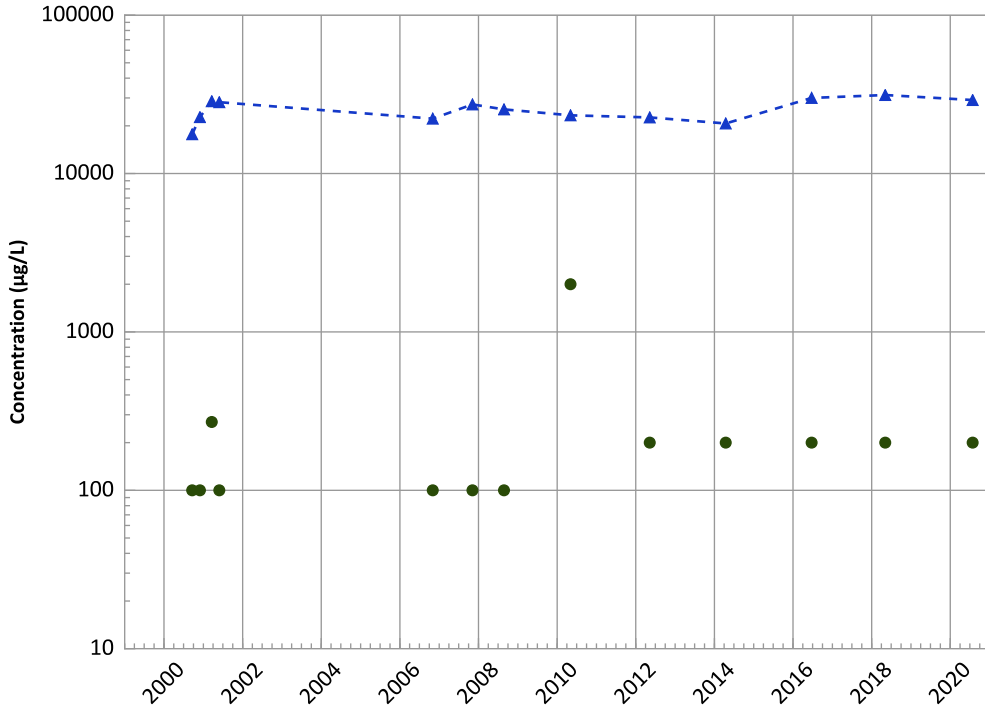
2018 - 2020 Data:

Stable

All Data:

Probably Decreasing

Calcium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

No Trend

MAROS Linear Regression Method

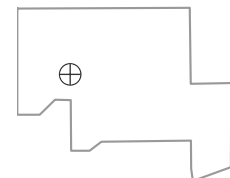
2018 - 2020 Data:

No Trend

All Data:

Probably Increasing

Well Location

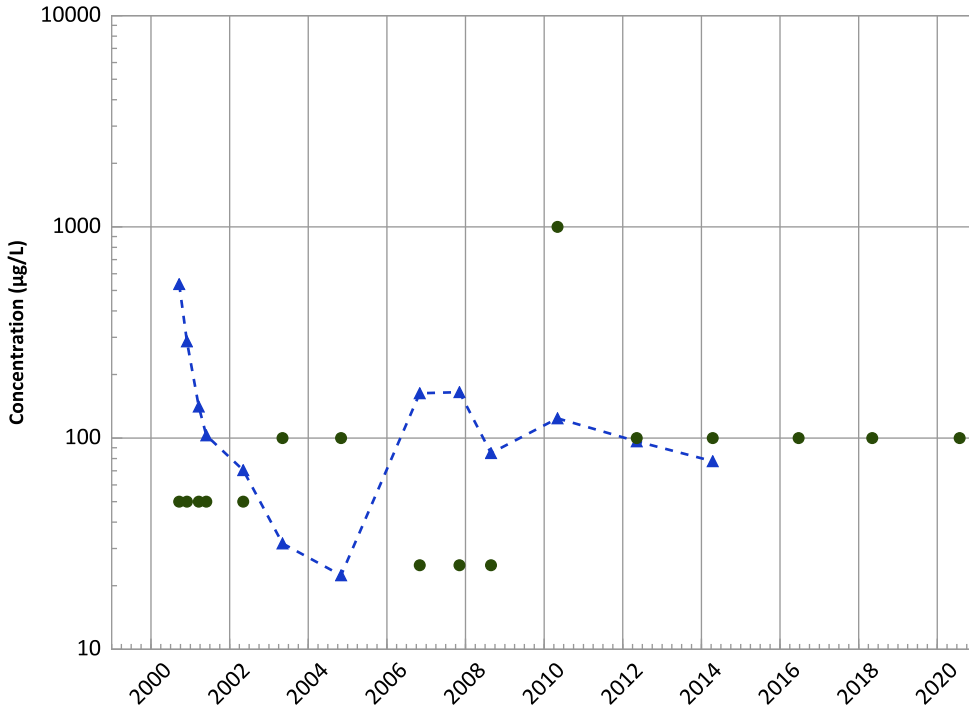


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



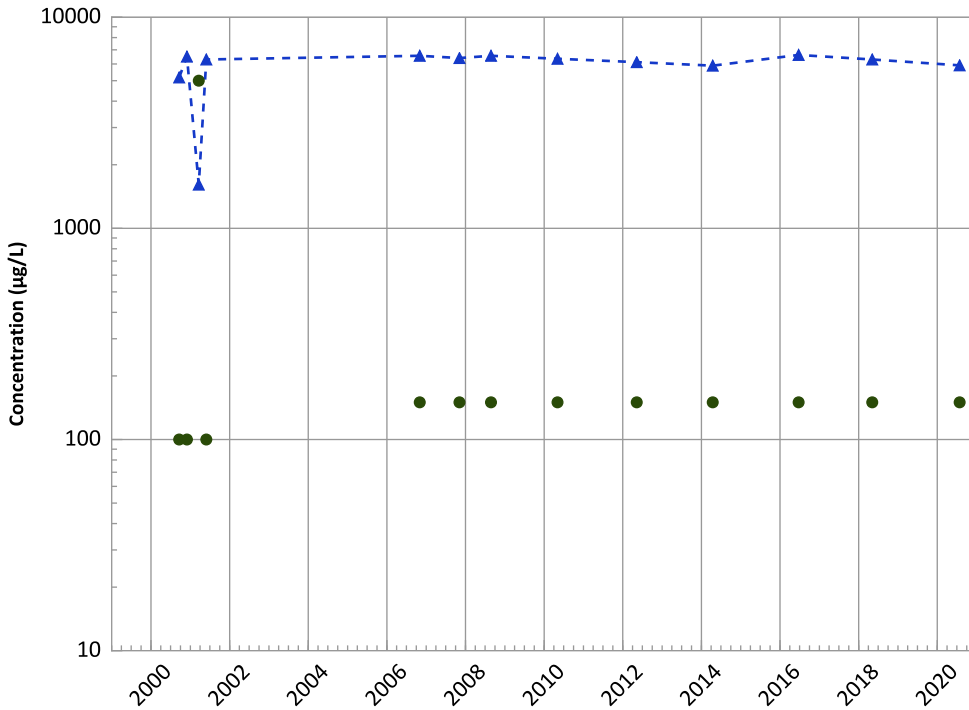
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
Stable

Potassium Trend



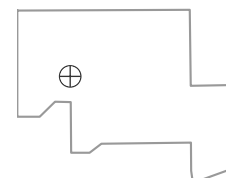
Concentration Trend

MAROS Mann-Kendall Method
2018 - 2020 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method

2018 - 2020 Data:
Stable
All Data:
No Trend

Well Location

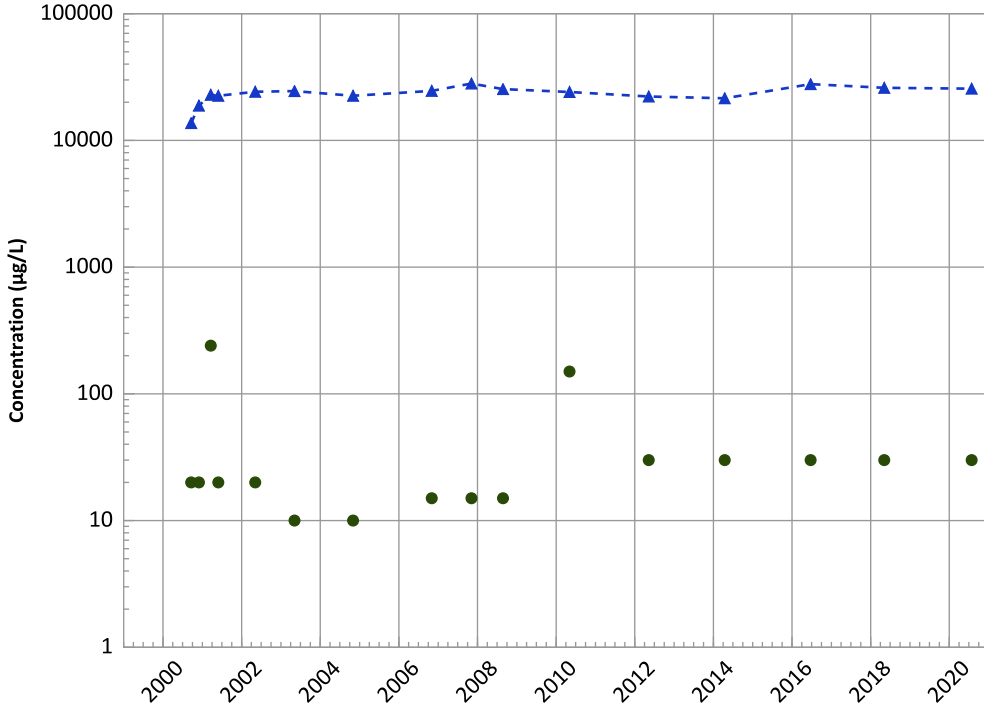


Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

Stable

All Data:

Increasing

MAROS Linear Regression Method

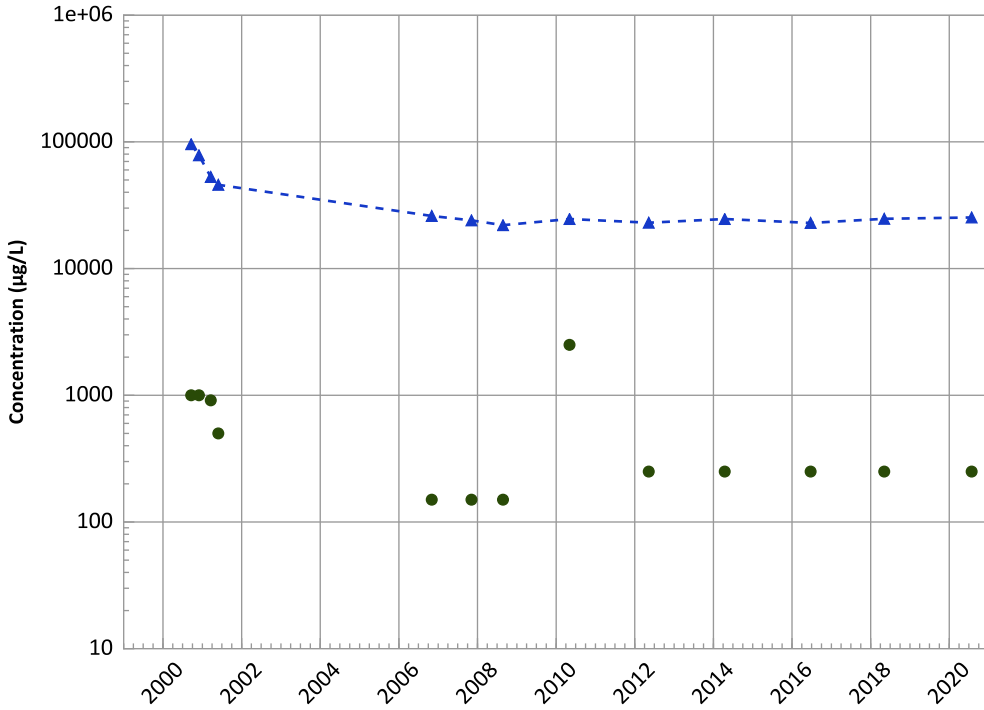
2018 - 2020 Data:

No Trend

All Data:

Increasing

Sodium Trend



Concentration Trend

MAROS Mann-Kendall Method

2018 - 2020 Data:

No Trend

All Data:

Decreasing

MAROS Linear Regression Method

2018 - 2020 Data:

No Trend

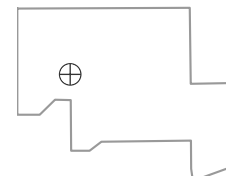
All Data:

Decreasing

Query Date Range: 01/01/1992 to 12/31/2020
Data Date Range: 05/08/2000 to 07/27/2020
Analysis Date: 06/03/2021

- ▲ Measured Value
- Sample Detection Limit
- - - Concentration Trend
- Groundwater Protection Standard

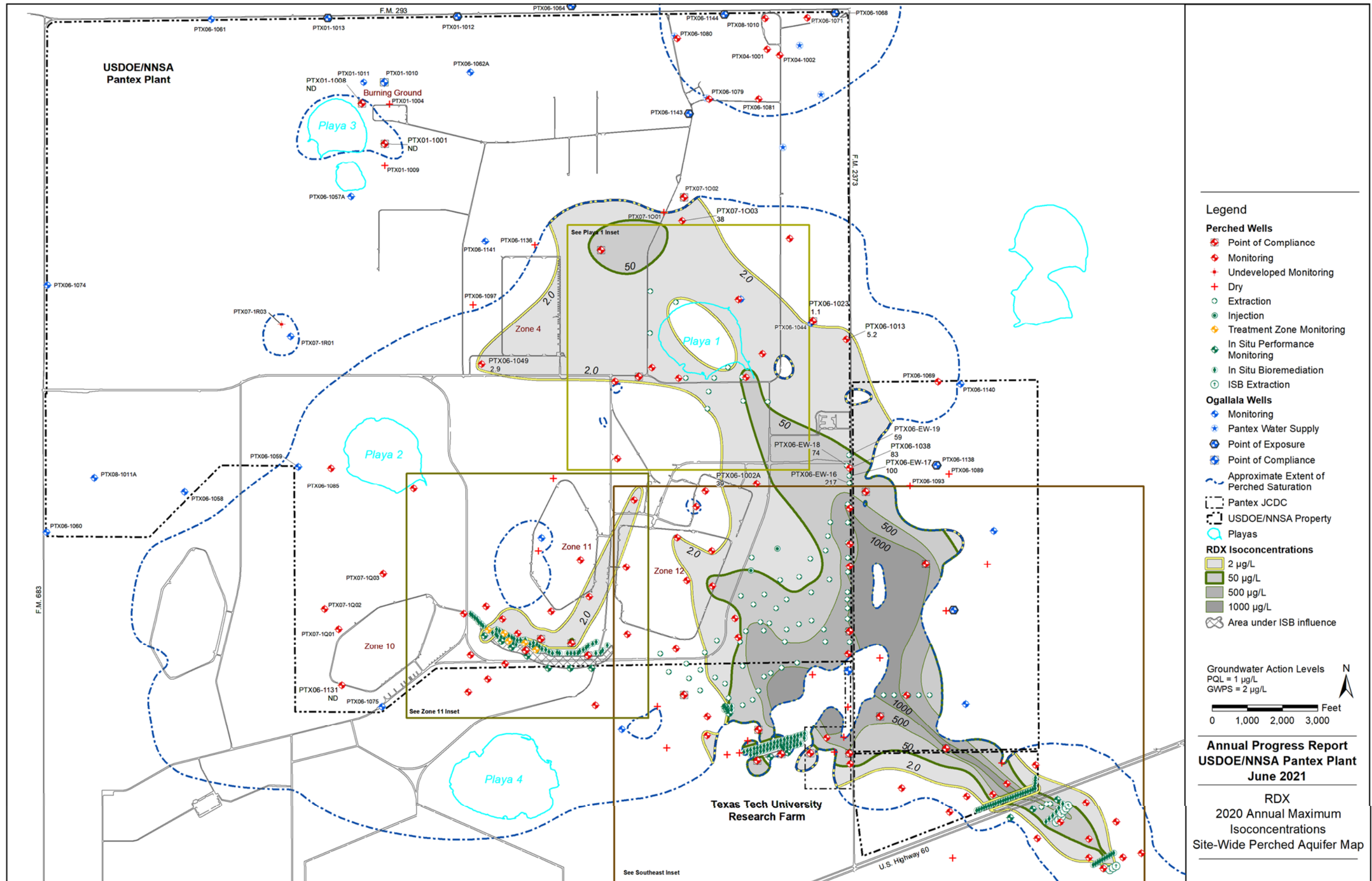
Well Location



Appendix F
Perched Aquifer Isoconcentration
Maps of Indicator Constituents

**Perched Aquifer Isoconcentration
Maps of Indicator Constituents**

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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

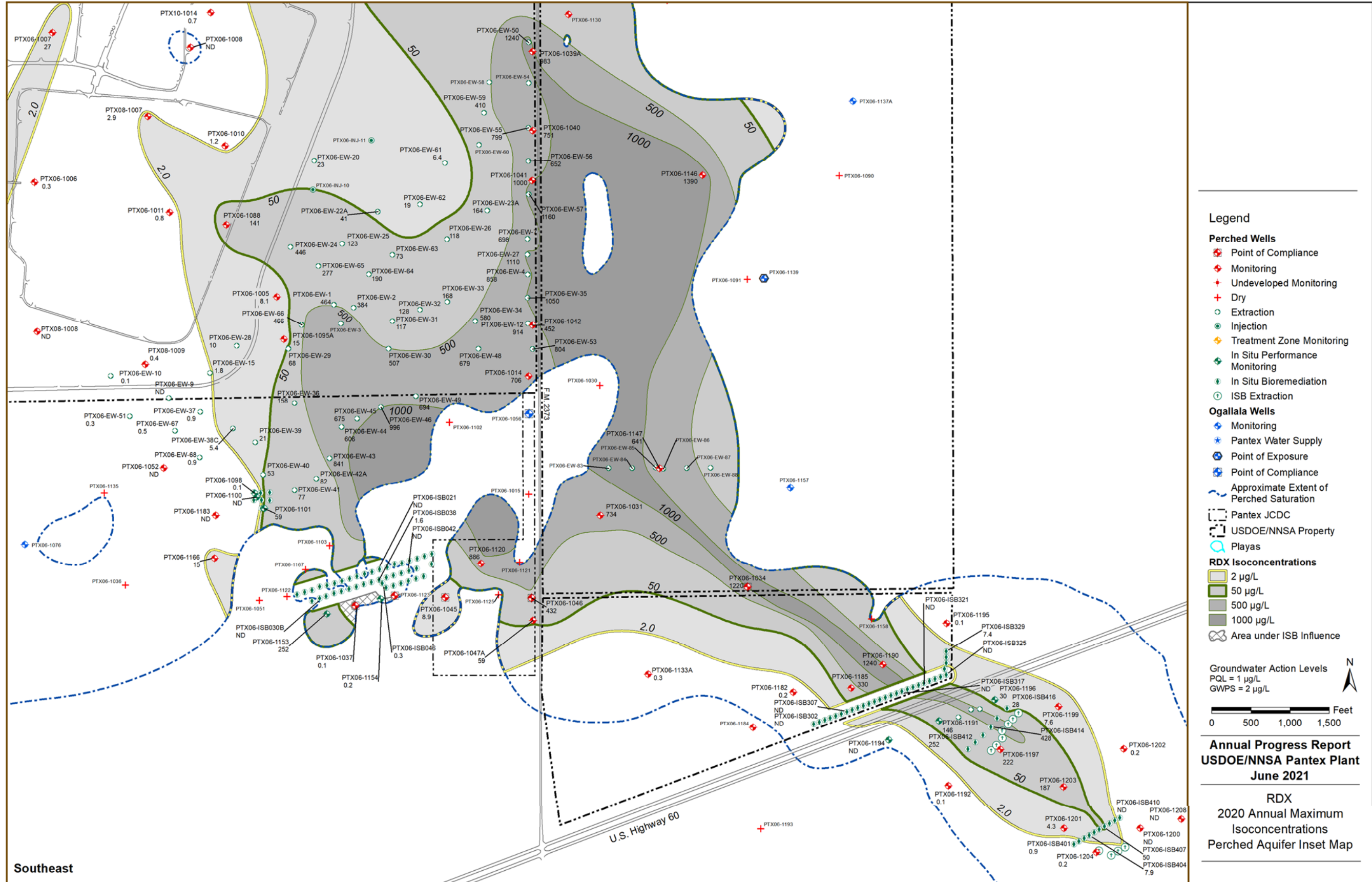
- 2 µg/L
- 50 µg/L
- 500 µg/L
- 1000 µg/L
- Area under ISB influence

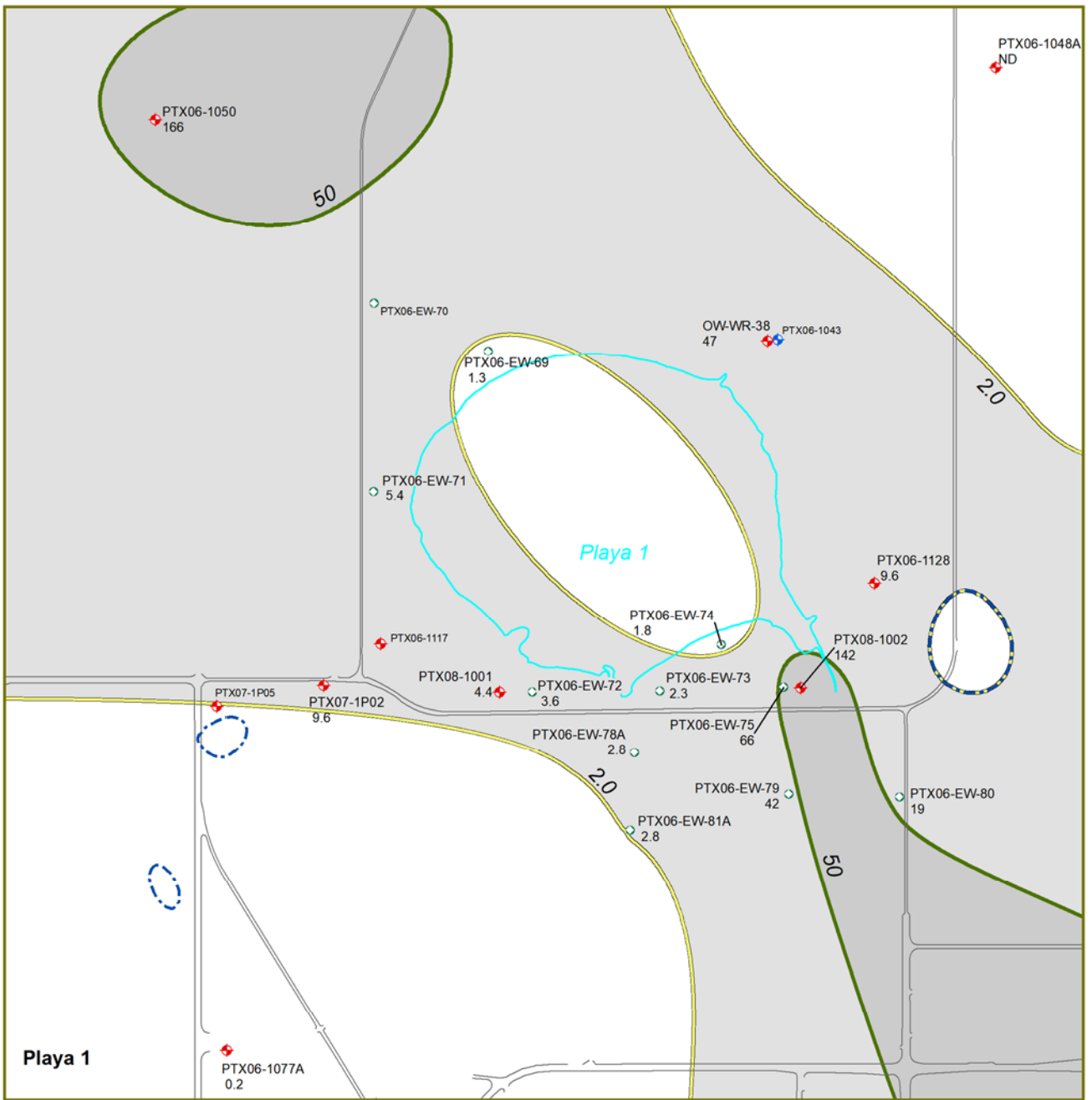
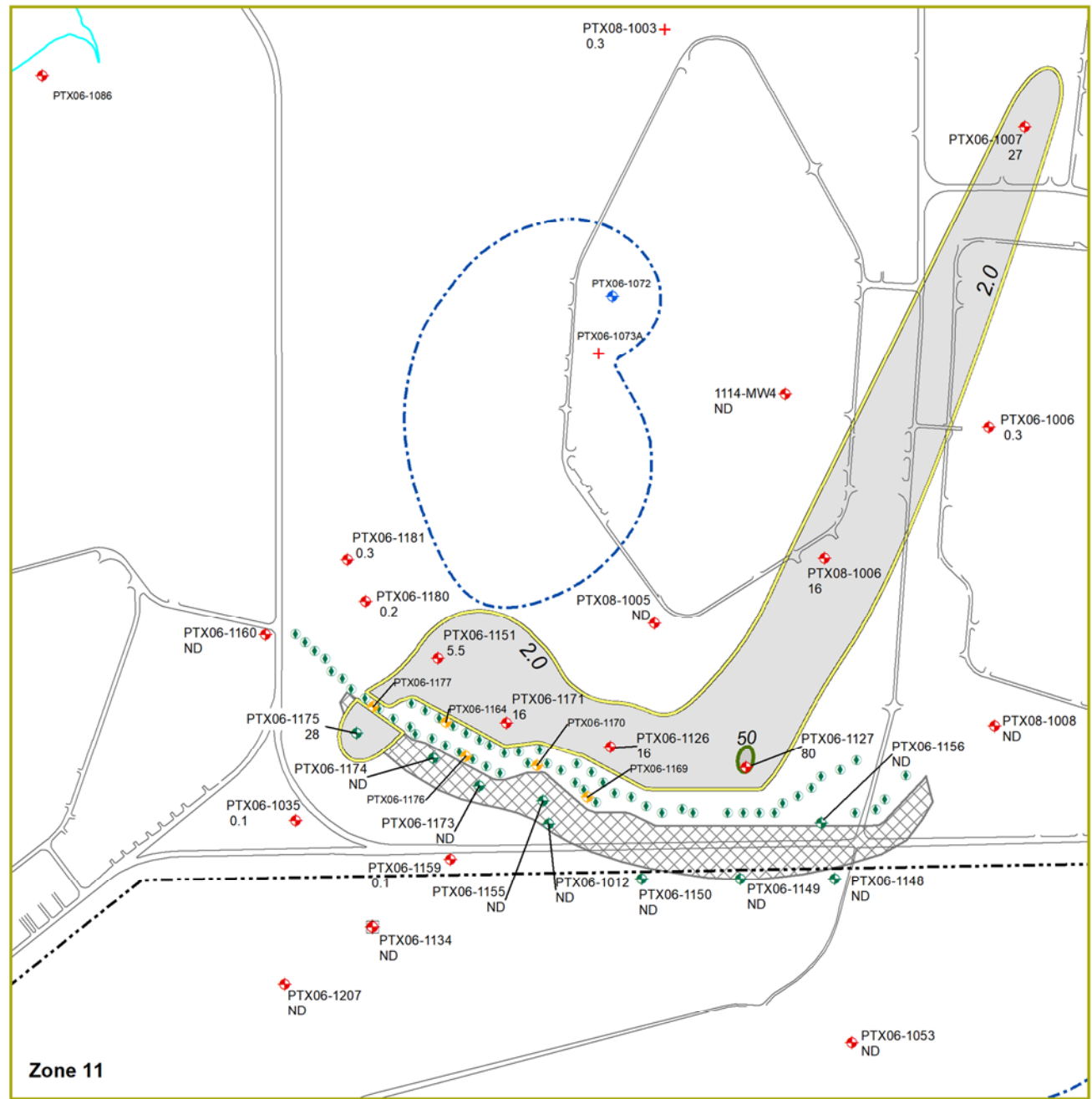
Groundwater Action Levels
 PQL = 1 µg/L
 GWPS = 2 µg/L

0 1,000 2,000 3,000 Feet

**Annual Progress Report
 USDOE/NNSA Pantex Plant
 June 2021**

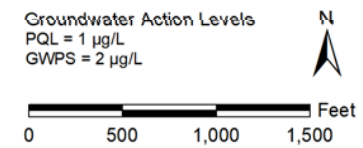
RDX
 2020 Annual Maximum
 Isoconcentrations
 Site-Wide Perched Aquifer Map





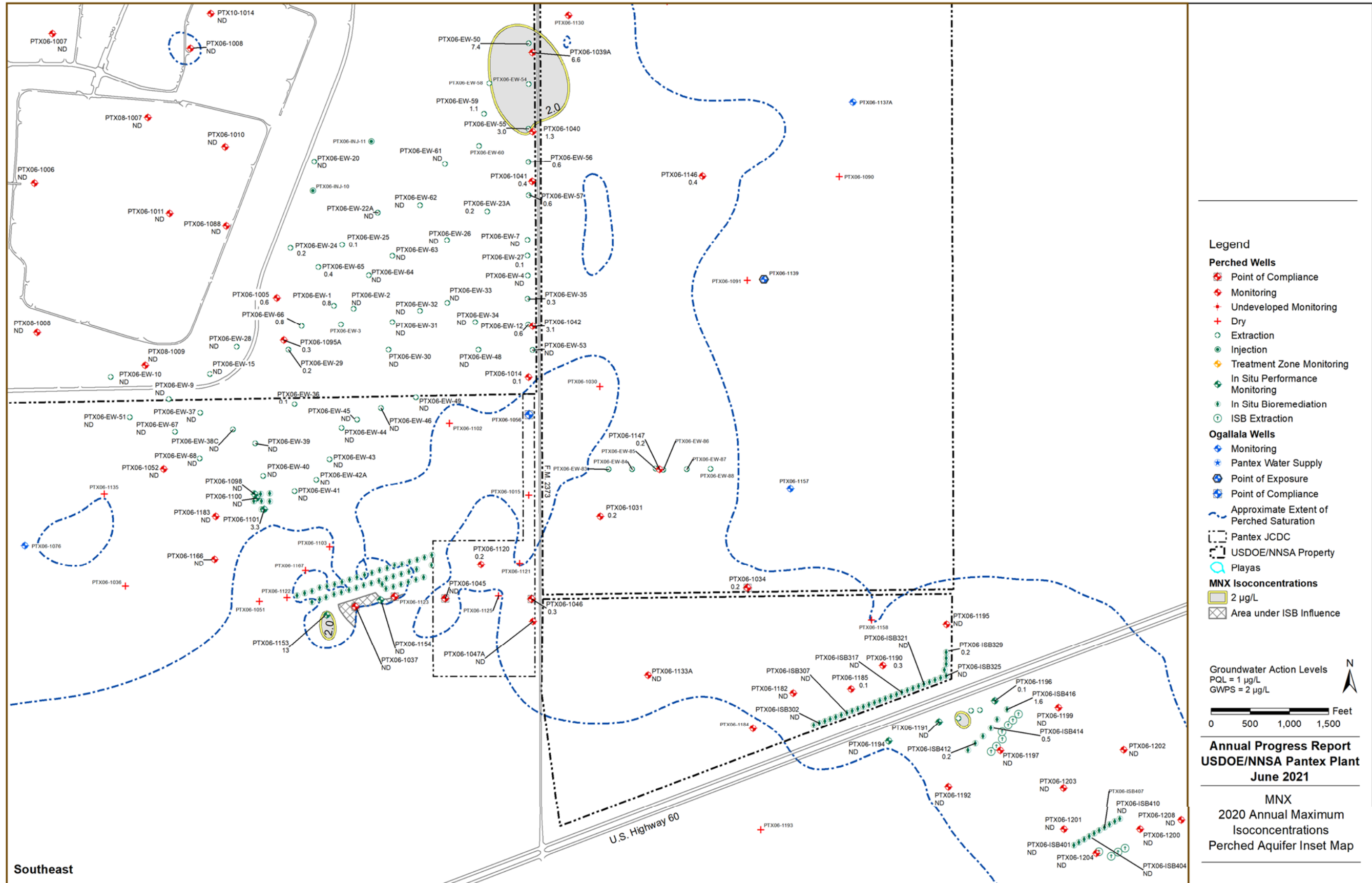
Legend

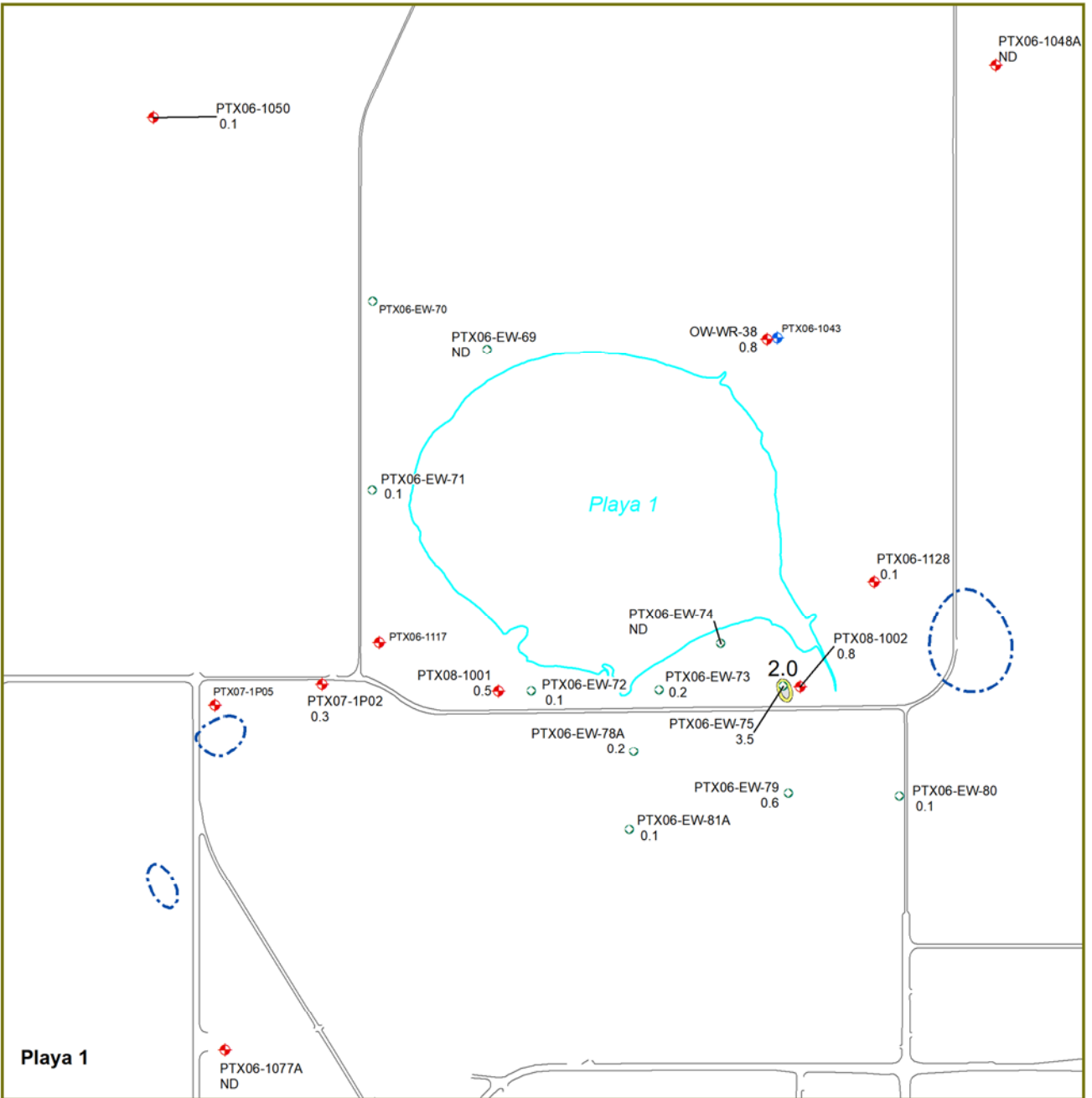
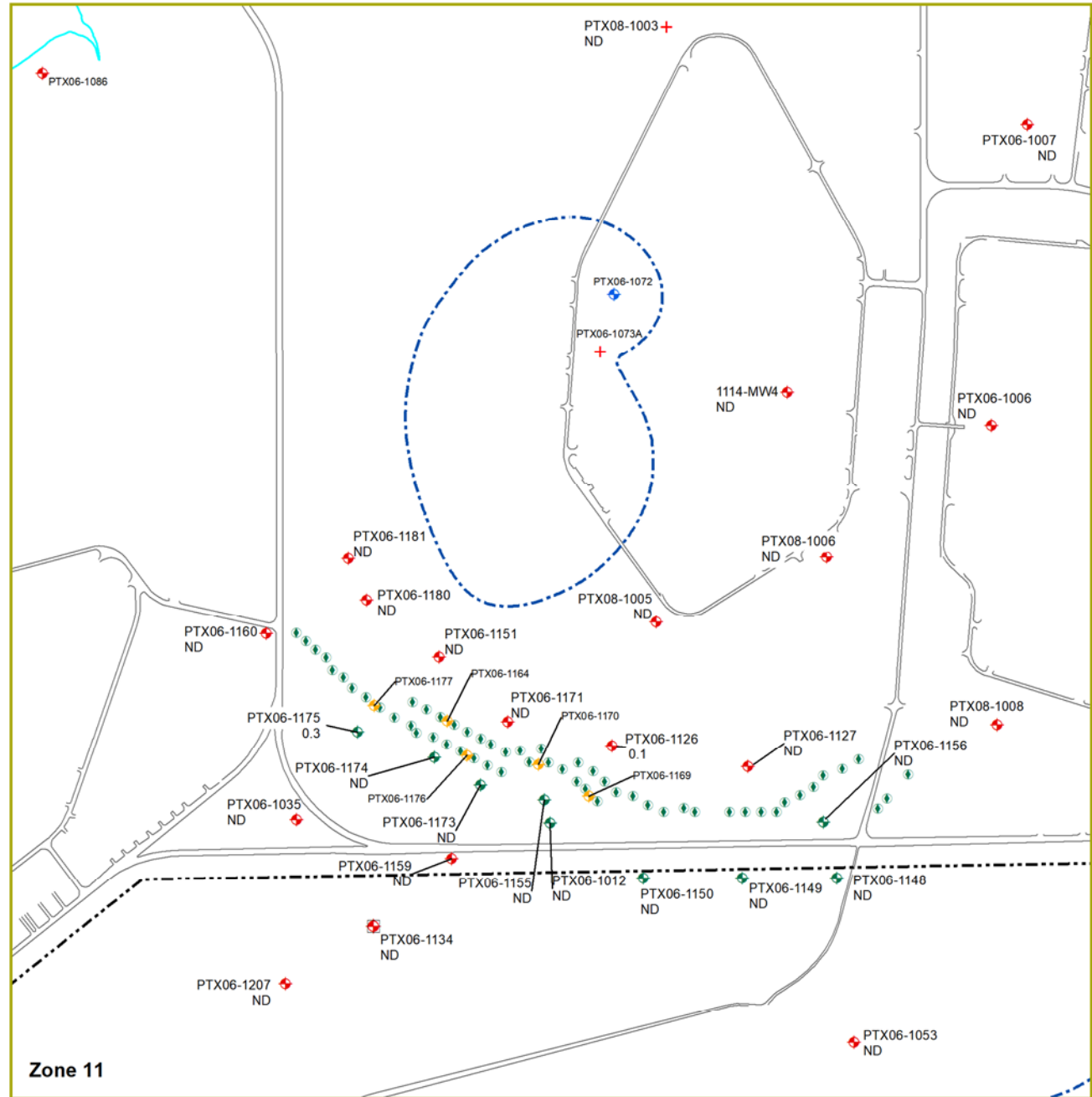
- | | | | |
|------------------------|--------------------------------|--|------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | RDX Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 2 µg/L |
| Dry | ISB Extraction | Point of Compliance | 50 µg/L |
| Extraction | | Approximate Extent of Perched Saturation | 500 µg/L |
| | | Area under ISB Influence | 1000 µg/L |
| | | | Area under ISB Influence |



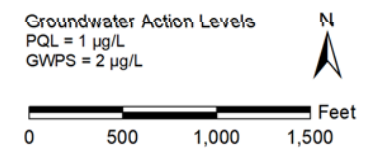
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2021

RDX
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps



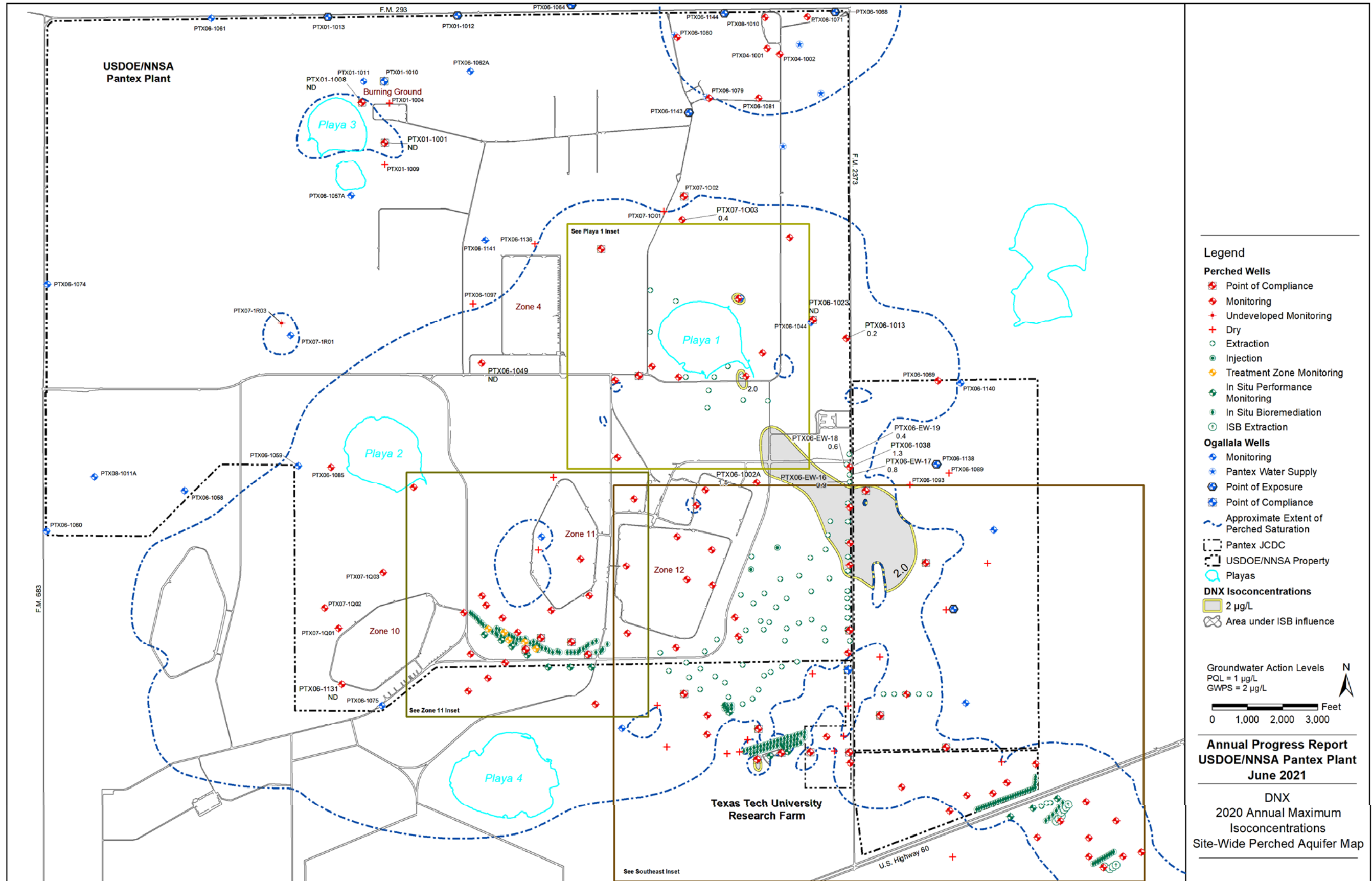


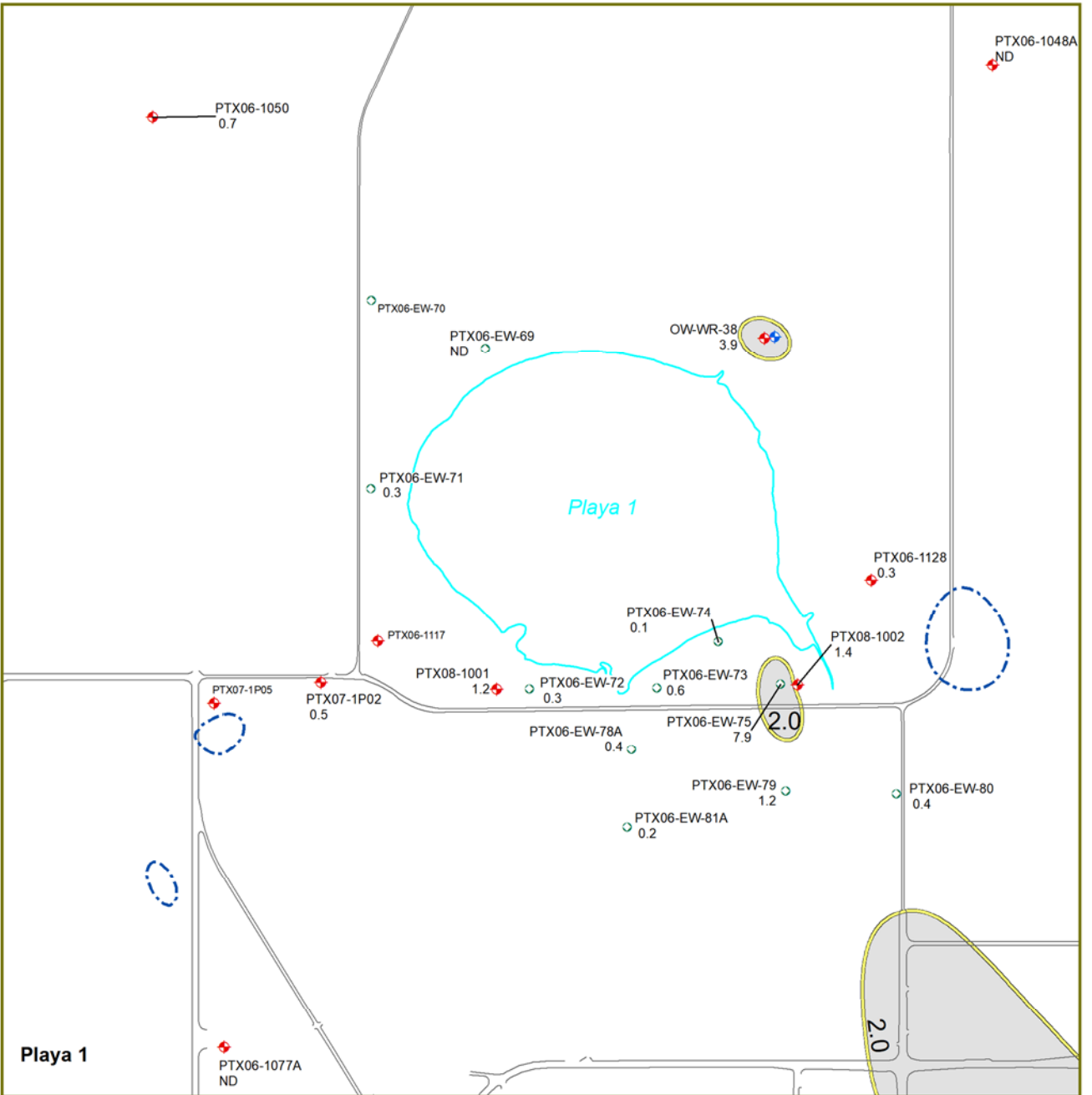
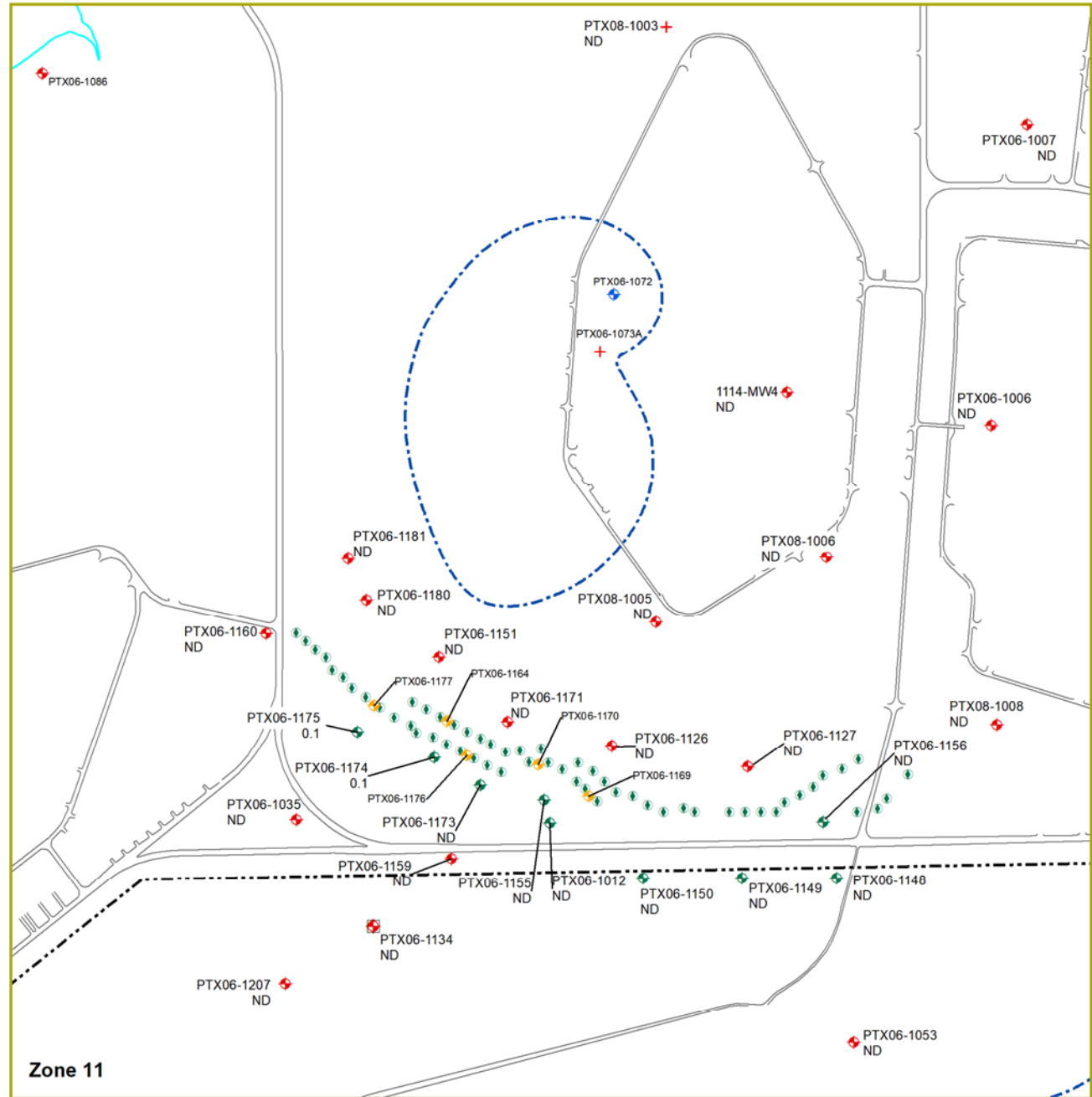
- Legend**
- | | | | |
|------------------------|--------------------------------|--|------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | MNX Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 2 µg/L |
| Dry | ISB Extraction | Point of Compliance | Area under ISB Influence |
| Extraction | | Approximate Extent of Perched Saturation | |



Annual Progress Report
USDOE/NNSA Pantex Plant
 June 2021

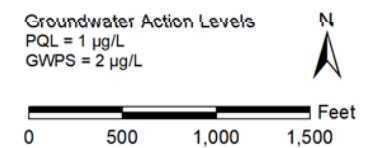
MNX
 2020 Annual Maximum
 Isoconcentrations
 Perched Aquifer Inset Maps





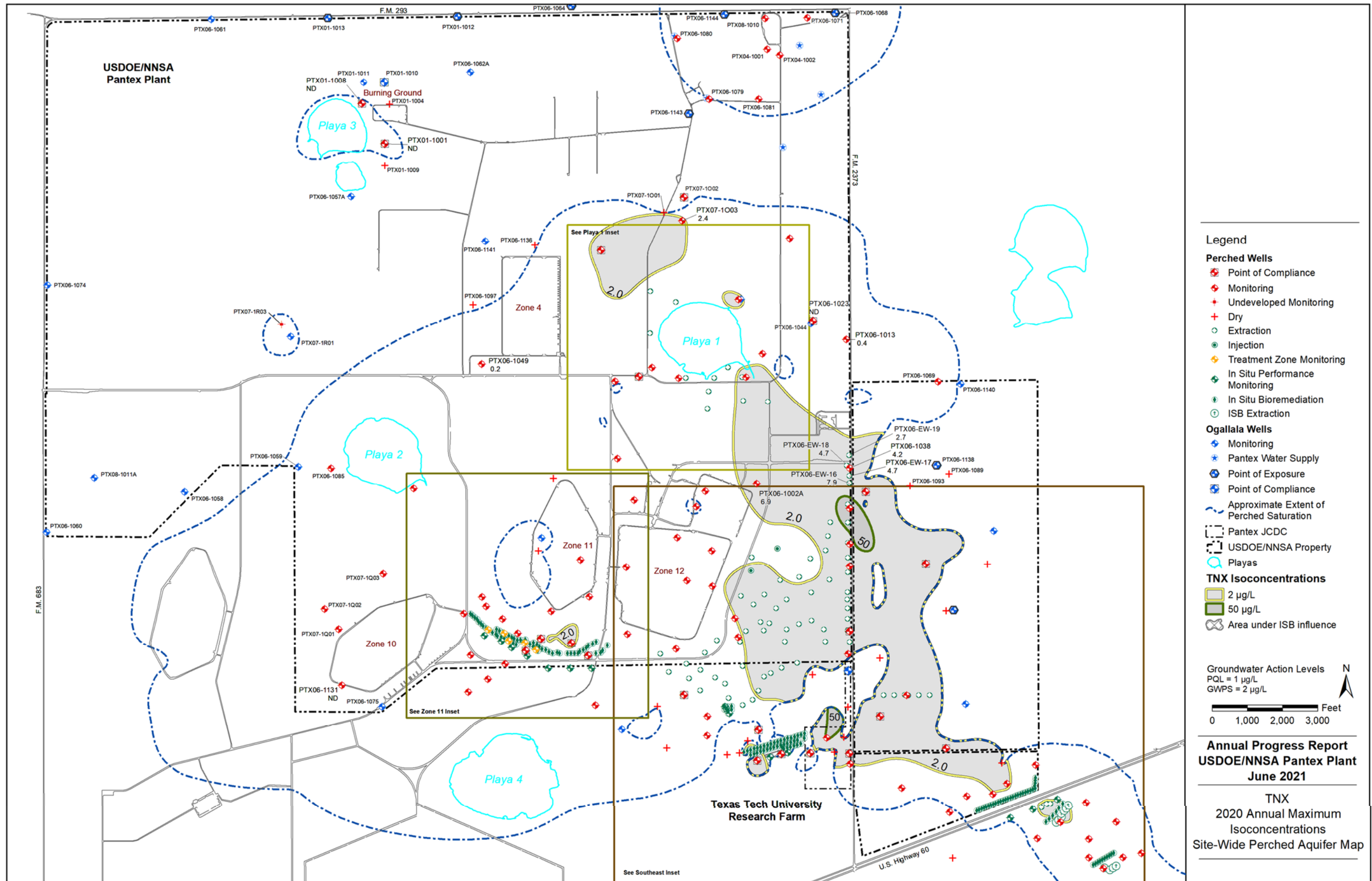
Legend

Perched Wells	Injection	Ogallala Wells	USDOE/NNSA Property
Point of Compliance	Treatment Zone Monitoring	Monitoring	Playas
Monitoring	In Situ Performance Monitoring	Pantex Water Supply	DNX Isoconcentrations
Undeveloped Monitoring	In Situ Bioremediation	Point of Exposure	2 µg/L
Dry	ISB Extraction	Point of Compliance	Area under ISB Influence
Extraction		Approximate Extent of Perched Saturation	



Annual Progress Report
USDOE/NNSA Pantex Plant
June 2021

DNX
2020 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

TNX Isoconcentrations

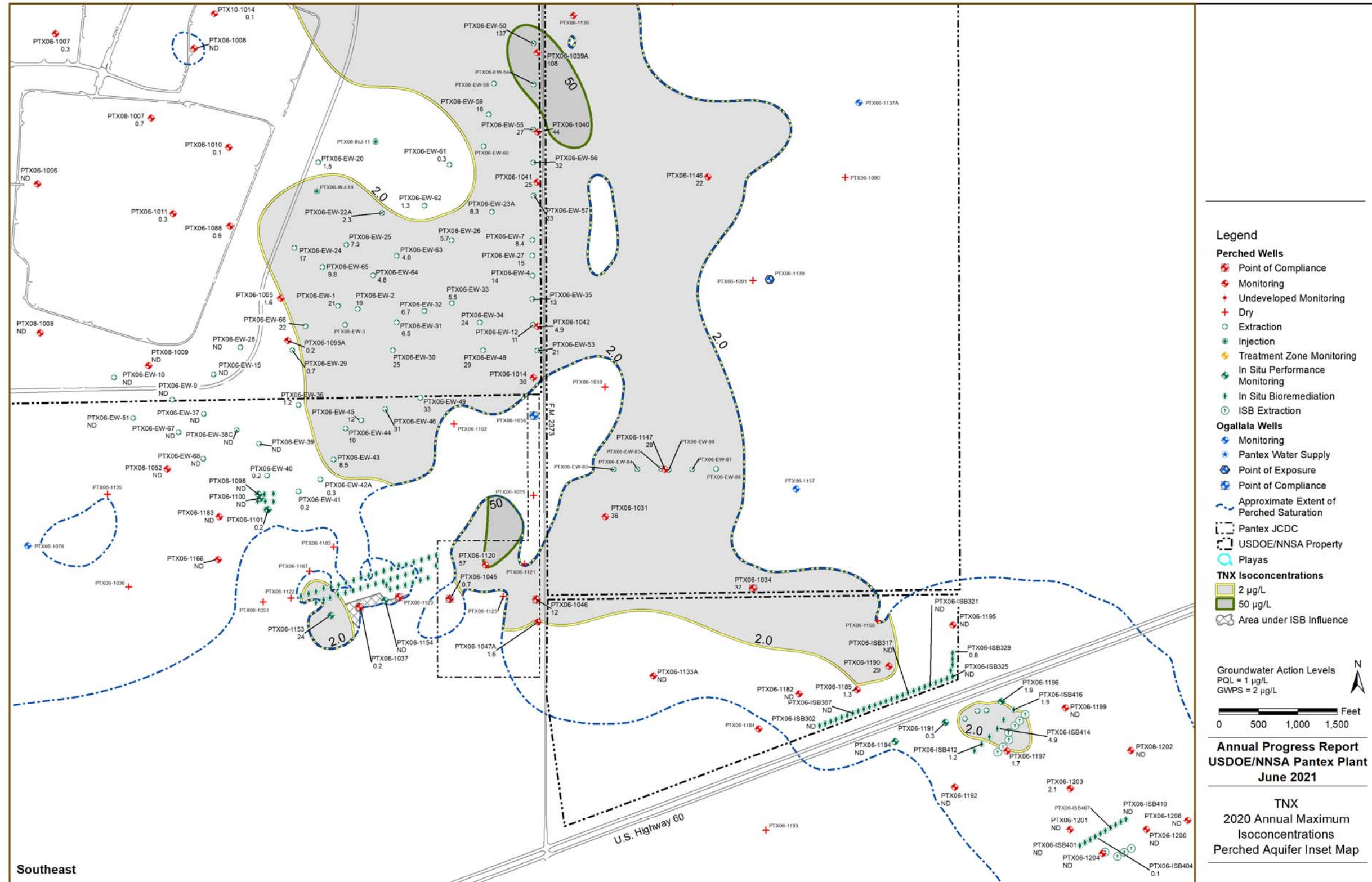
- 2 µg/L
- 50 µg/L
- Area under ISB influence

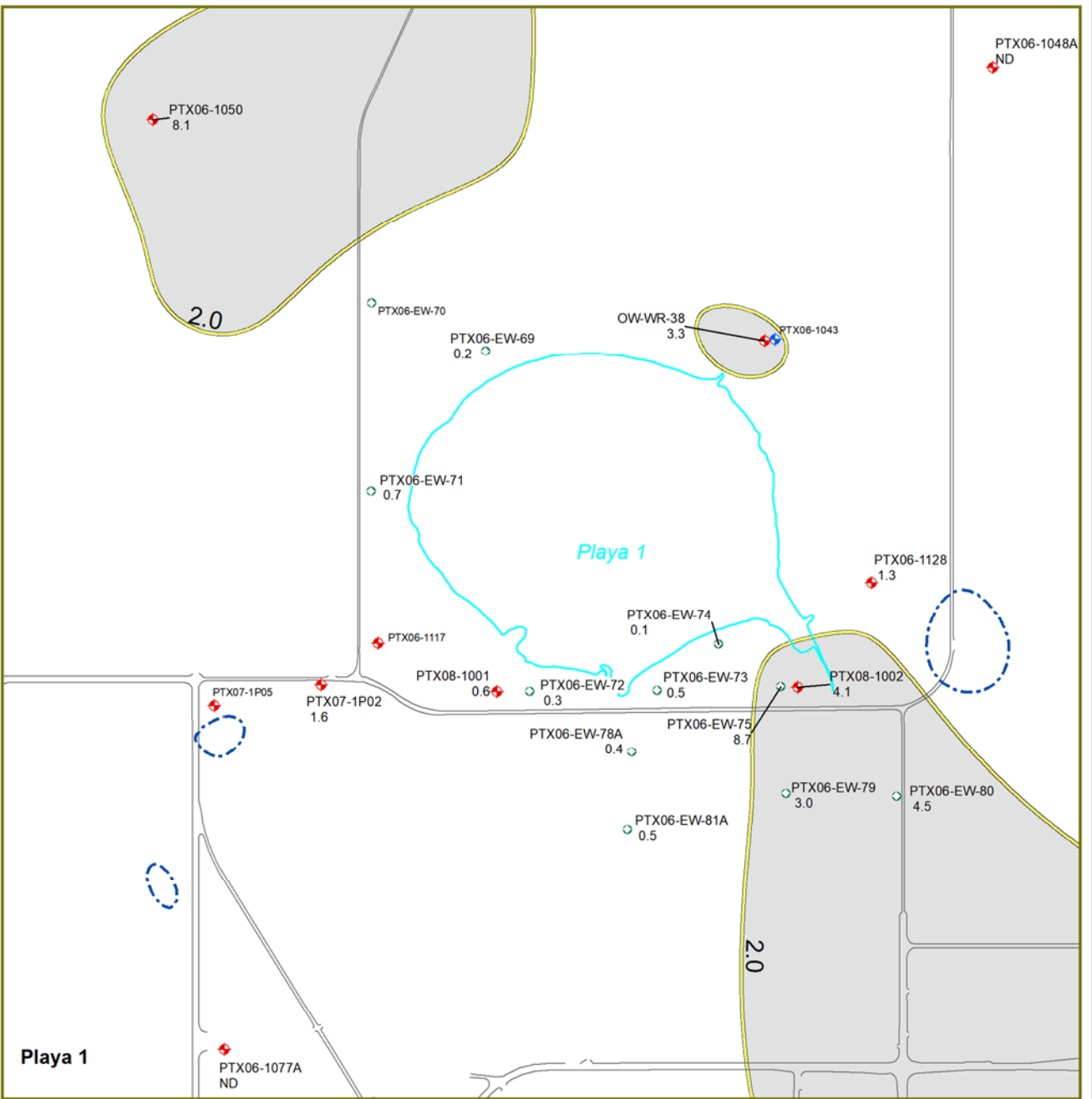
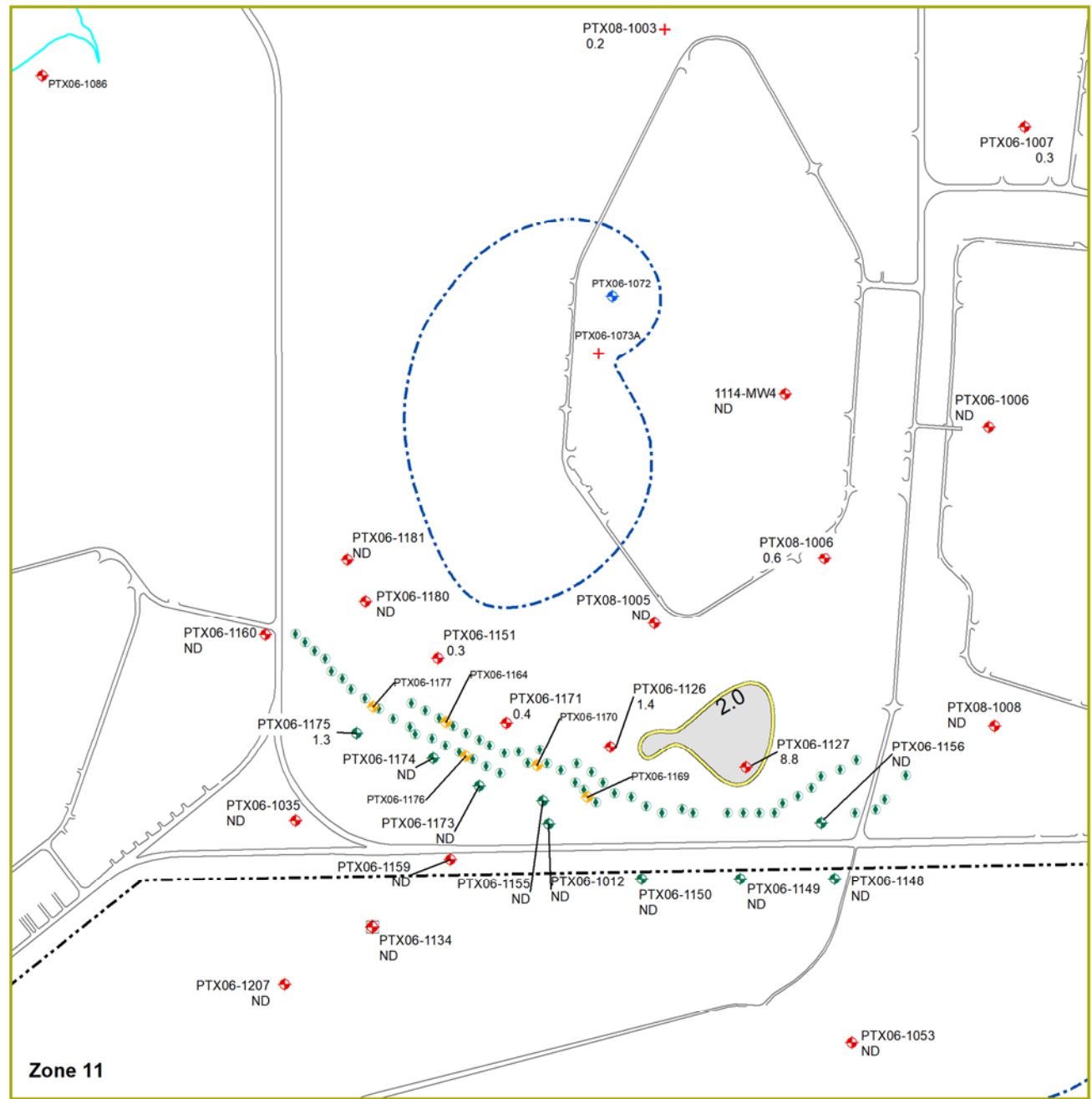
Groundwater Action Levels
 PQL = 1 µg/L
 GWPS = 2 µg/L

0 1,000 2,000 3,000 Feet

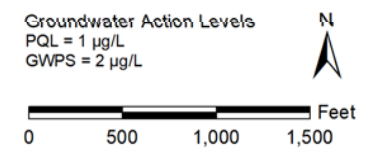
**Annual Progress Report
 USDOE/NNSA Pantex Plant
 June 2021**

TNX
 2020 Annual Maximum
 Isoconcentrations
 Site-Wide Perched Aquifer Map



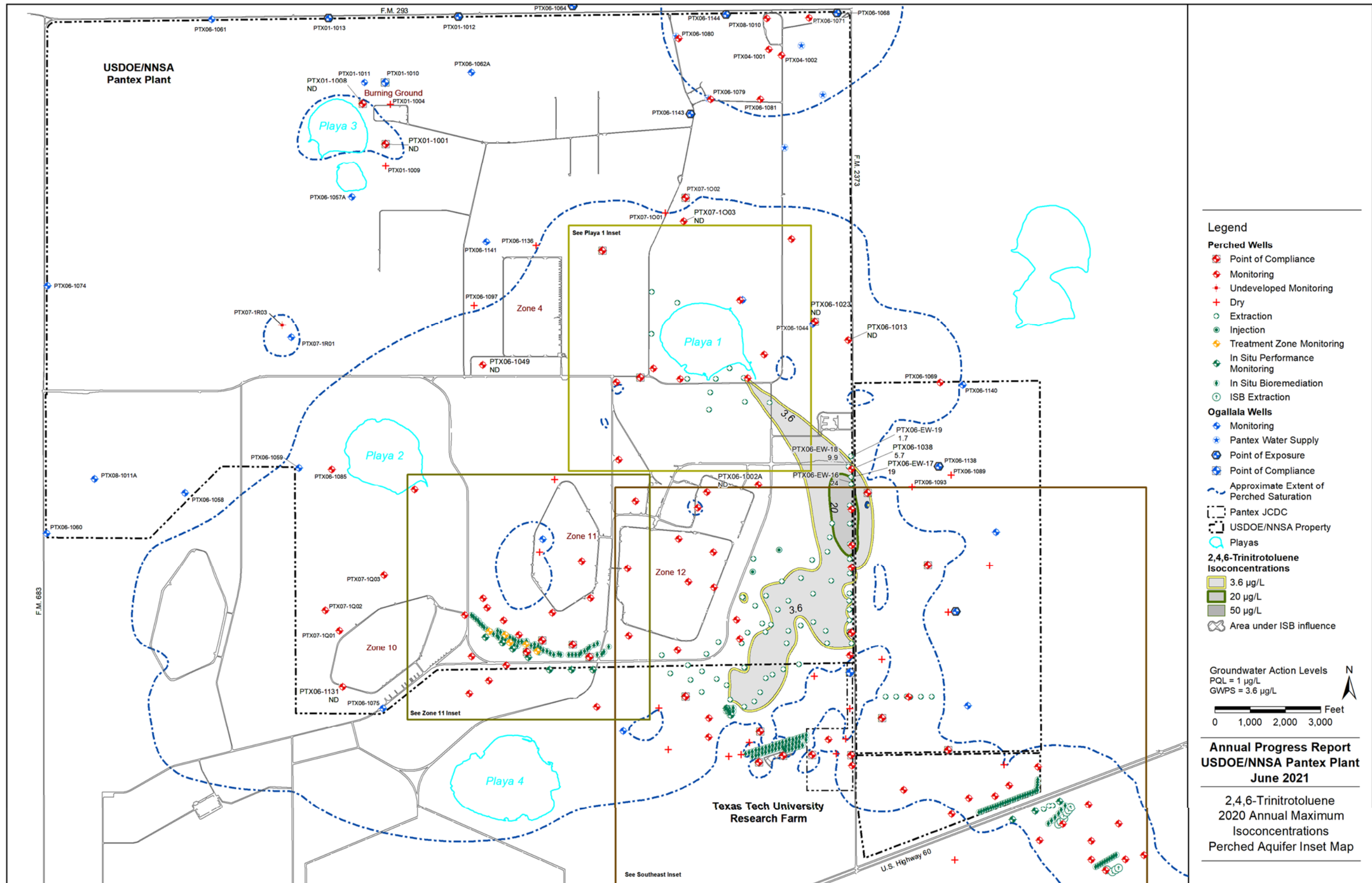


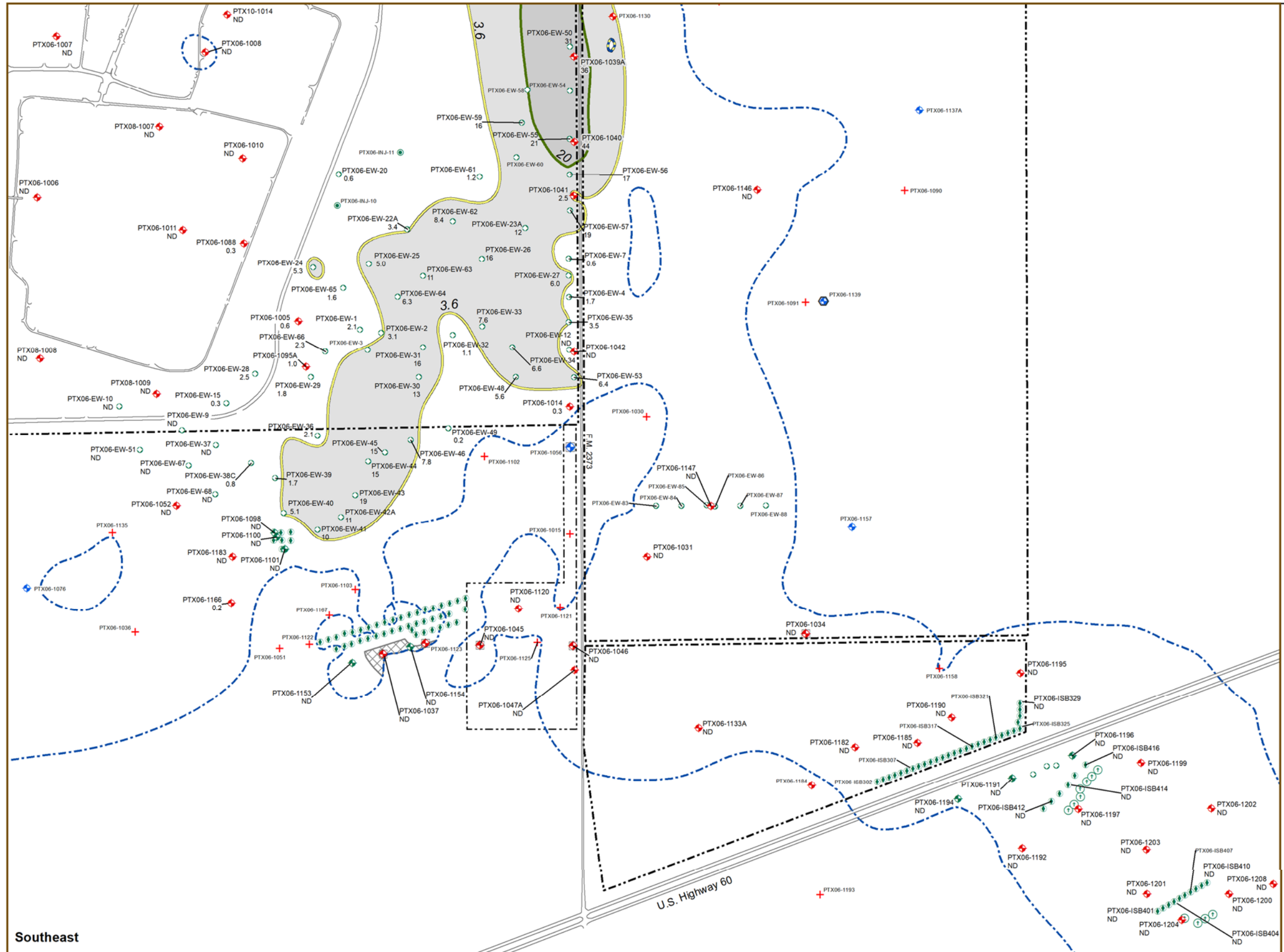
- Legend**
- | | | | |
|------------------------|--------------------------------|--|------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | TNX Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 2 µg/L |
| Dry | Permeable Reactive Barrier | Point of Compliance | 50 µg/L |
| Extraction | | Approximate Extent of Perched Saturation | Area under ISB Influence |



**Annual Progress Report
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 June 2021**

**TNX
 2020 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
- Plays

2,4,6-Trinitrotoluene Isoconcentrations

- 3.6 µg/L
- 20 µg/L
- 50 µg/L
- Area under ISB Influence

Groundwater Action Levels

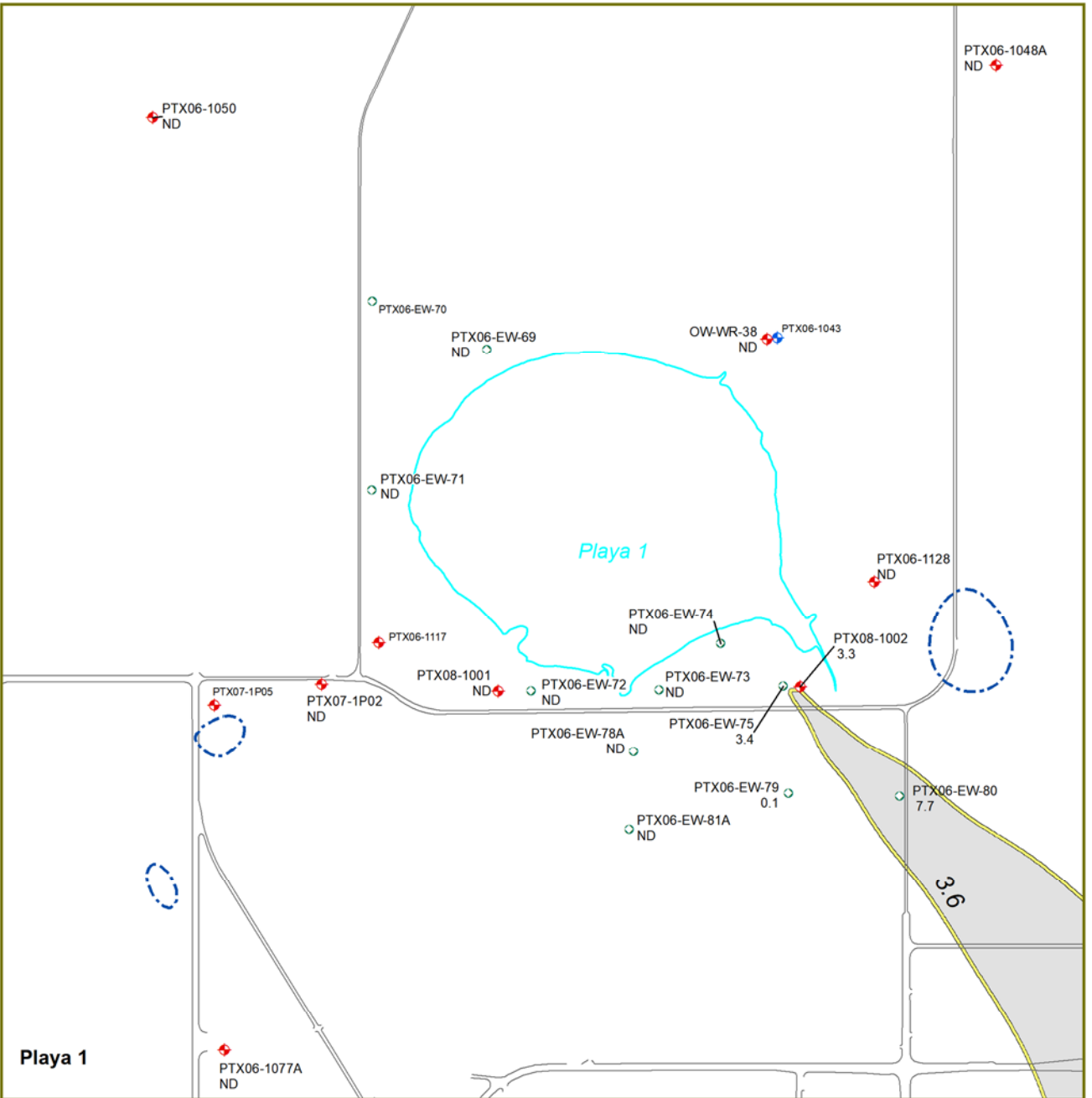
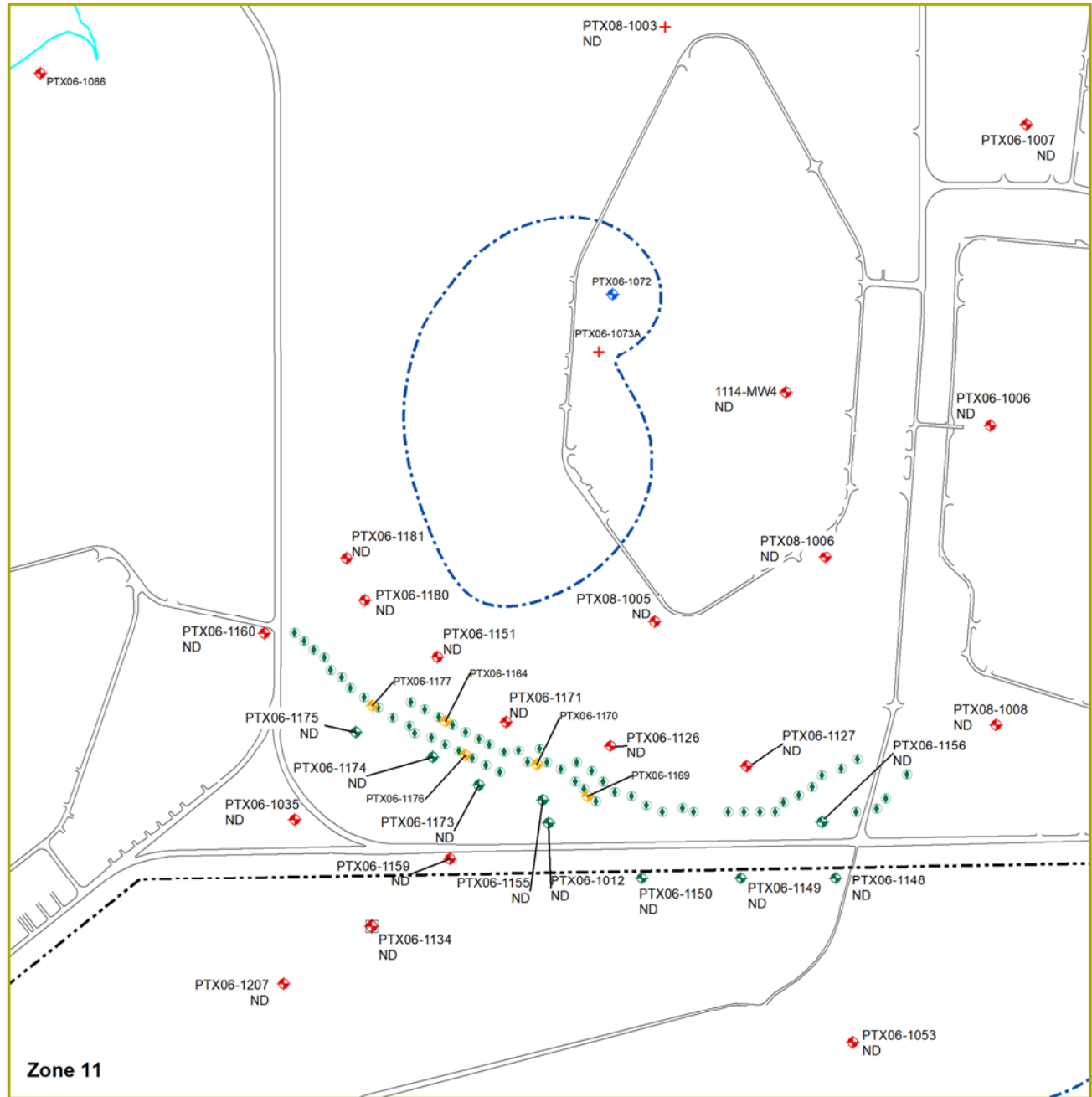
PQL = 1 µg/L
GWPS = 3.6 µg/L

0 500 1,000 1,500 Feet

**Annual Progress Report
USDOE/NNSA Pantex Plant
June 2021**

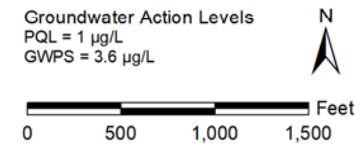
**2,4,6-Trinitrotoluene
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map**

Southeast



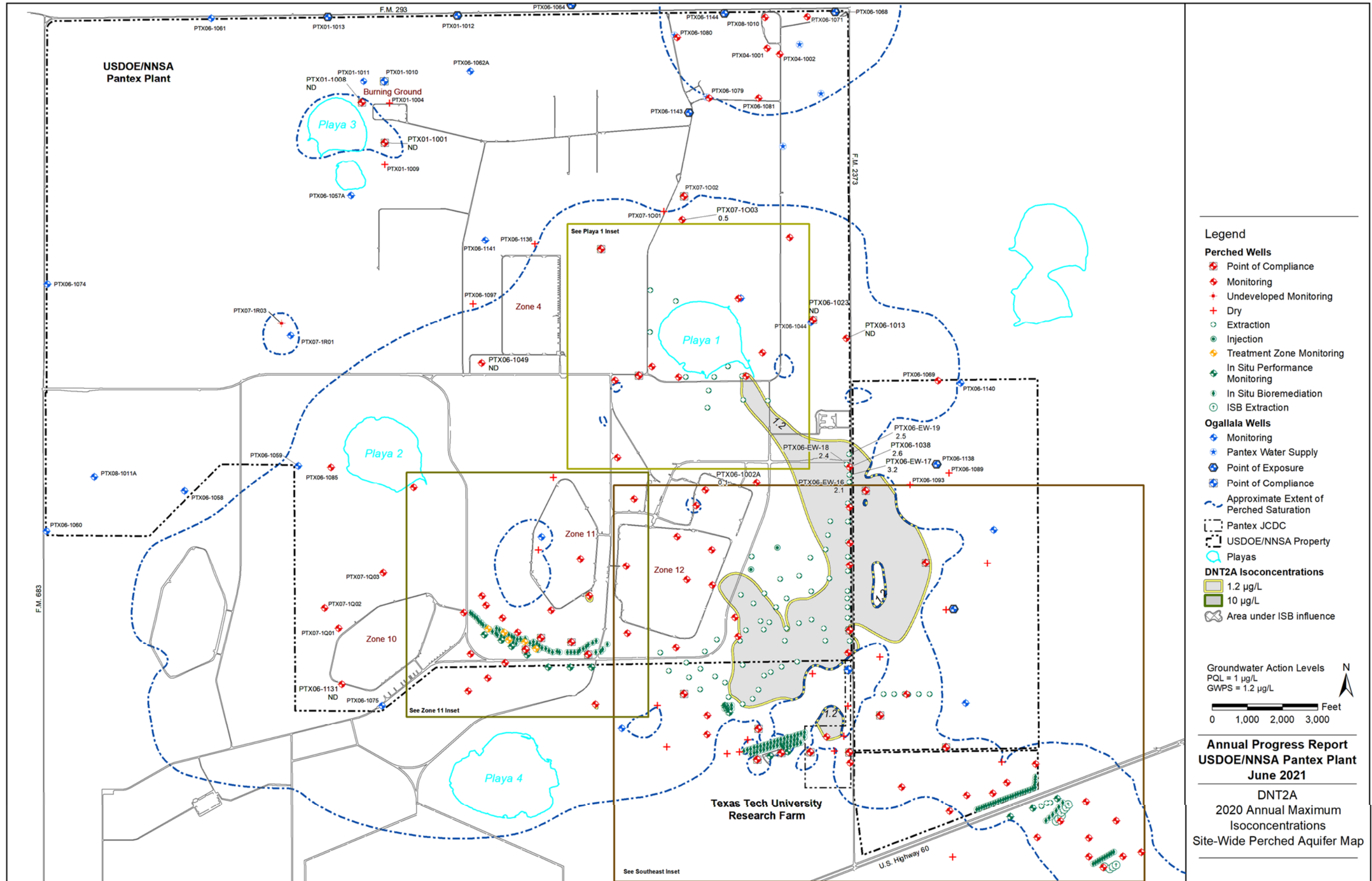
Legend

- | | | | |
|------------------------|--------------------------------|--|--|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | 2,4,6-Trinitrotoluene Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 3.6 µg/L |
| Dry | ISB Extraction | Point of Compliance | 20 µg/L |
| Extraction | | Approximate Extent of Perched Saturation | 50 µg/L |
| | | Area under ISB Influence | |



**Annual Progress Report
USDOE/NNSA Pantex Plant
June 2021**

2,4,6-Trinitrotoluene
2020 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

DNT2A Isoconcentrations

- 1.2 µg/L
- 10 µg/L

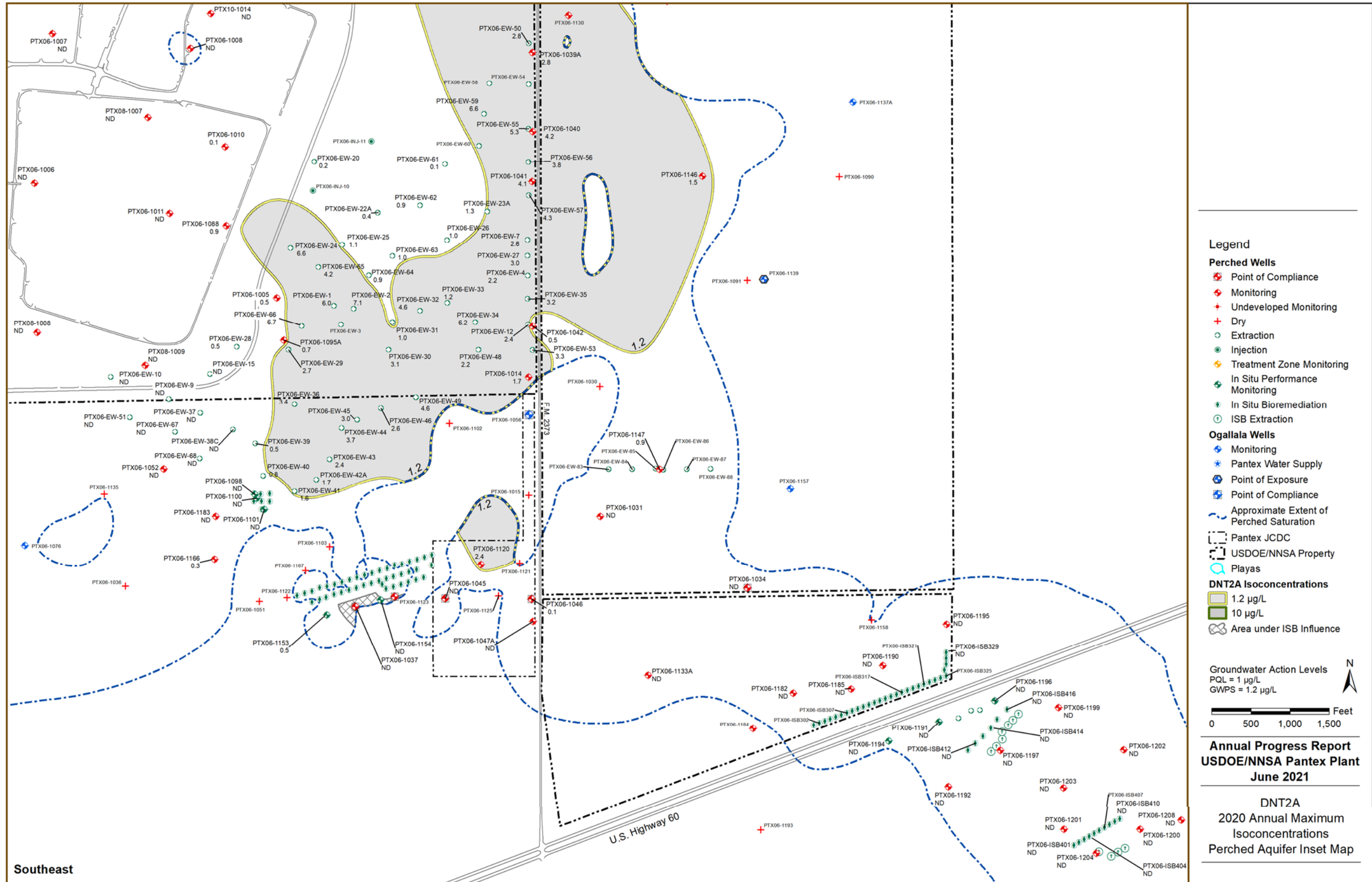
Area under ISB influence

Groundwater Action Levels
 PQL = 1 µg/L
 GWPS = 1.2 µg/L

0 1,000 2,000 3,000 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2021

DNT2A
 2020 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
- 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

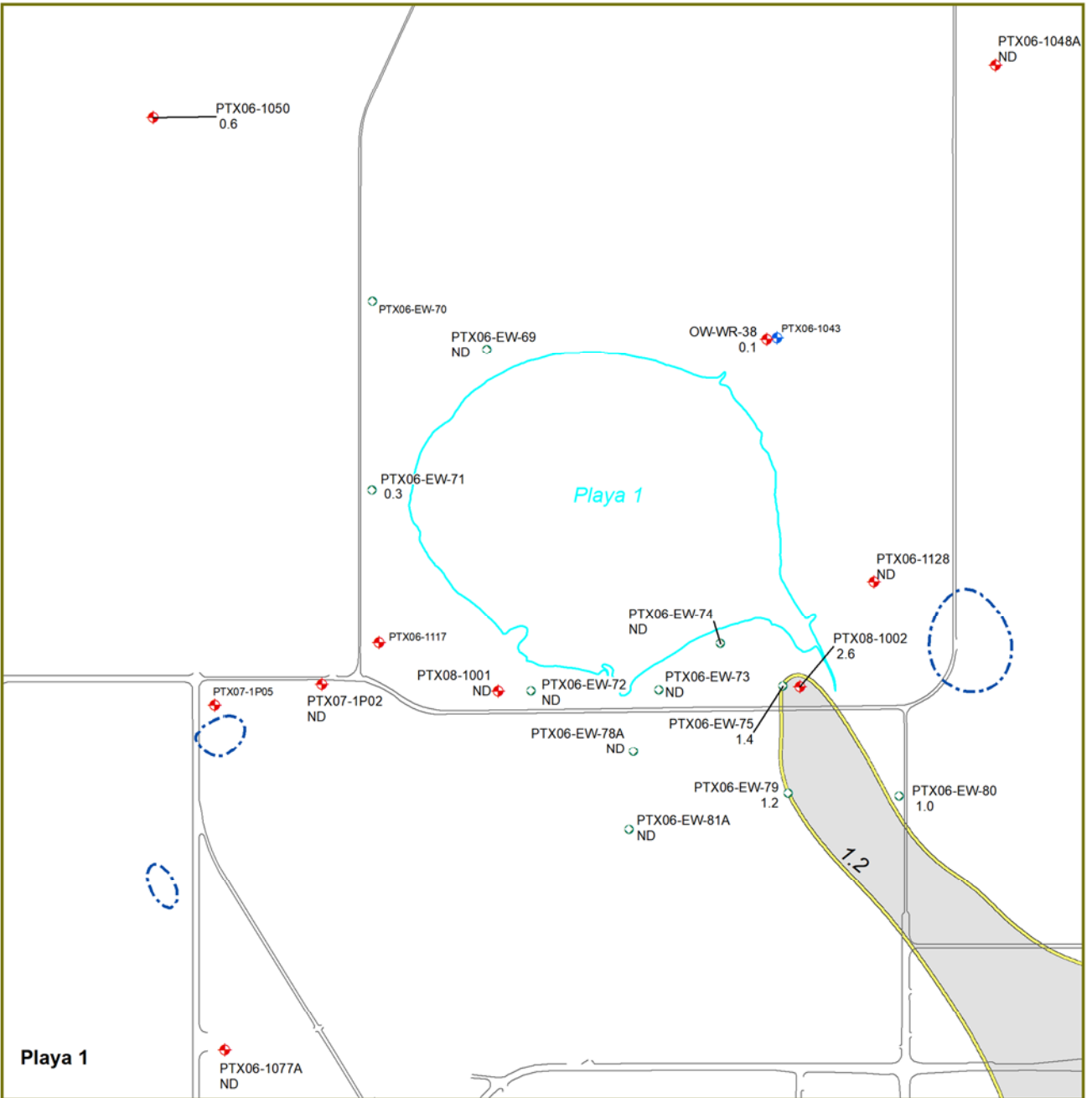
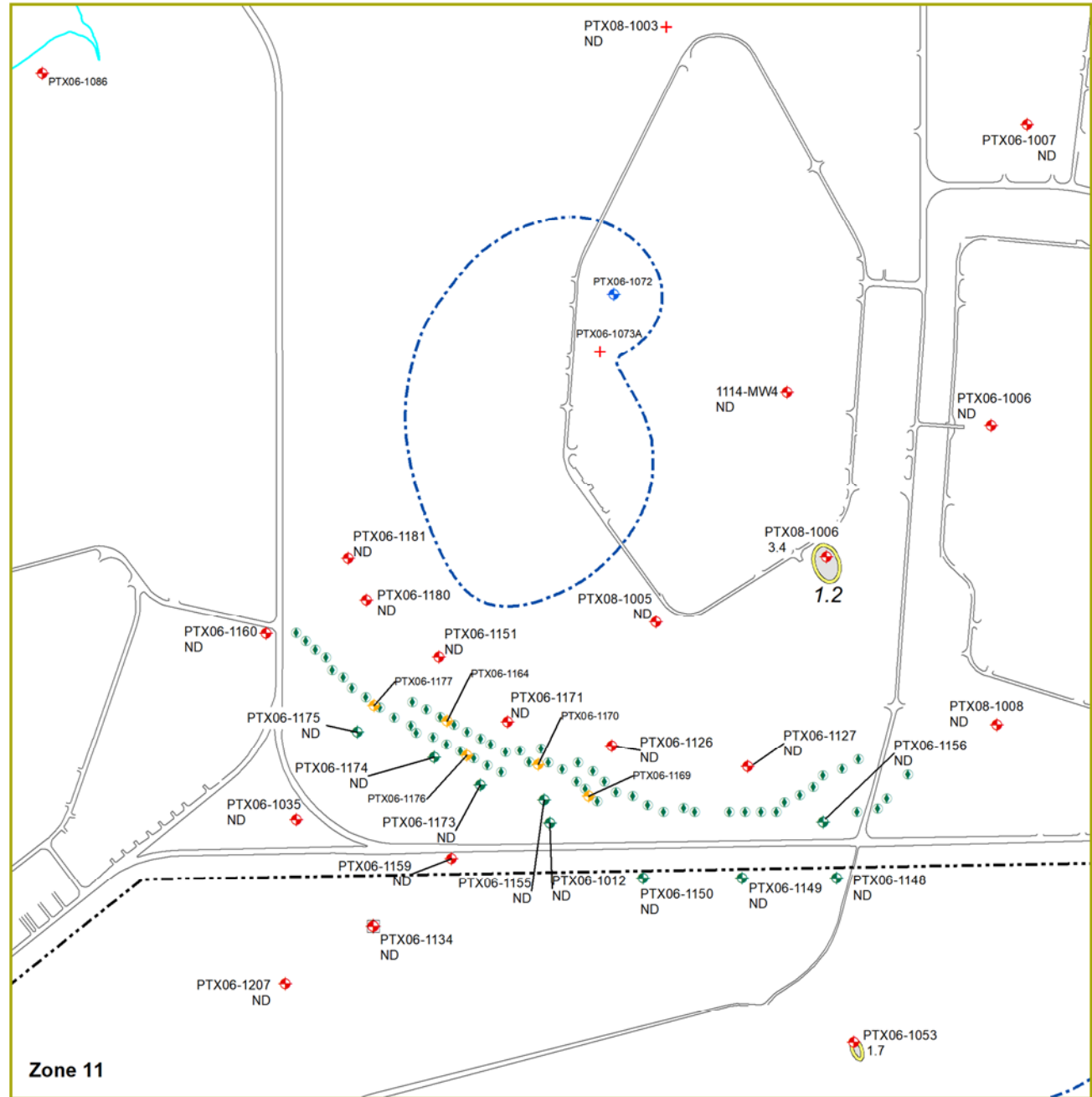
0 500 1,000 1,500 Feet

**Annual Progress Report
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June 2021**

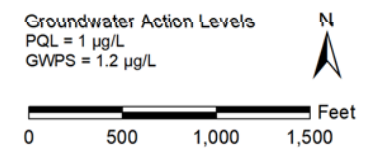
**DNT2A
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map**

Southeast

U.S. Highway 60

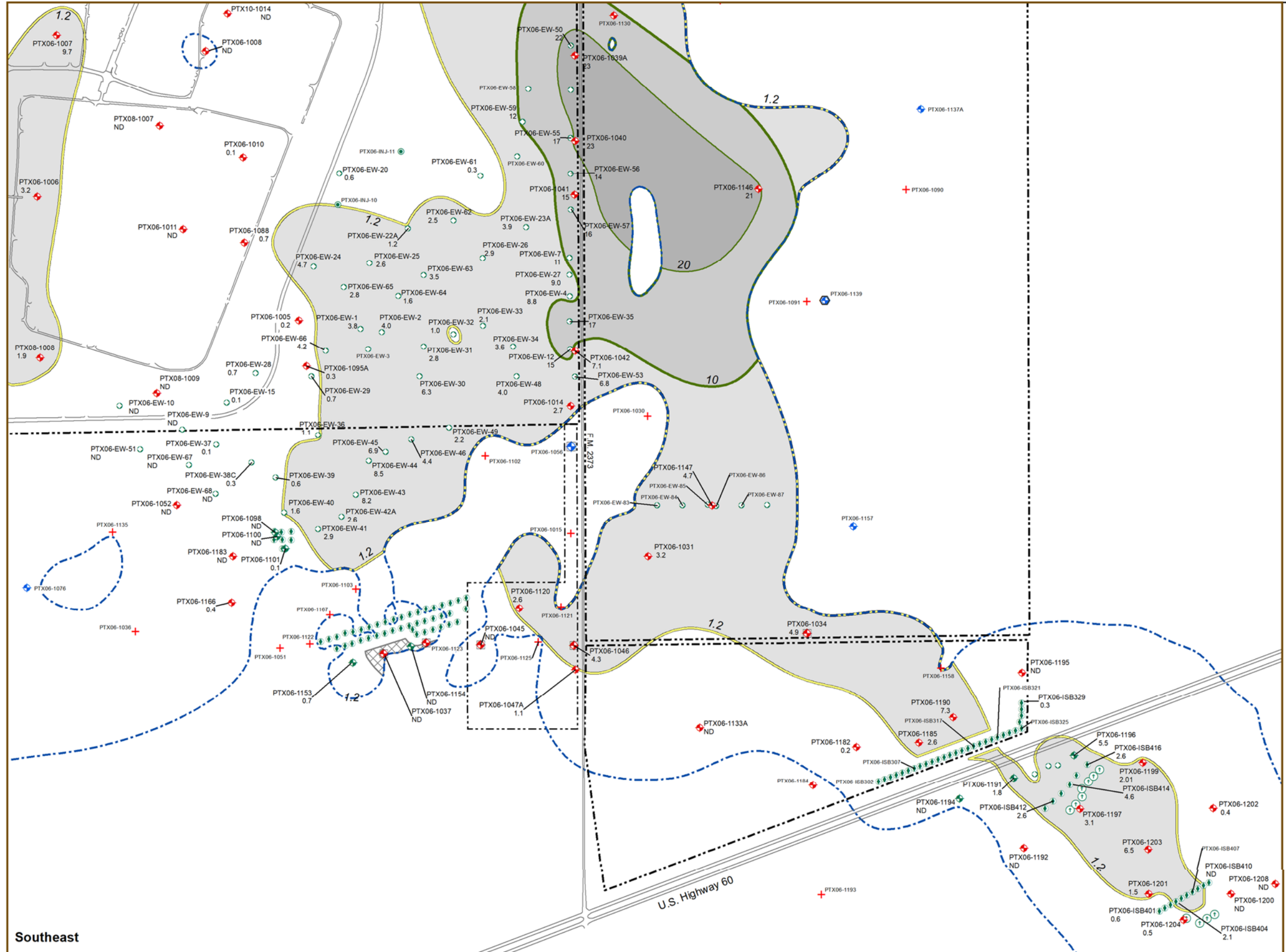


- Legend**
- | | | | |
|------------------------|--------------------------------|--|--------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | DNT2A Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 1.2 µg/L |
| Dry | ISB Extraction | Point of Compliance | 10 µg/L |
| Extraction | | Approximate Extent of Perched Saturation | Area under ISB Influence |



**Annual Progress Report
 USDOE/NNSA Pantex Plant
 June 2021**

**DNT2A
 2020 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

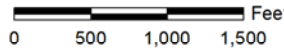
Ogallala Wells

- ⊕ Monitoring
- ⊕ Pantex Water Supply
- ⊕ Point of Exposure
- ⊕ Point of Compliance
- ⊕ Approximate Extent of Perched Saturation
- ⊕ Pantex JCDC
- ⊕ USDOE/NNSA Property
- ⊕ Playas

DNT4A Isoconcentrations

- 1.2 µg/L
- 10 µg/L
- 20 µg/L
- Area under ISB Influence

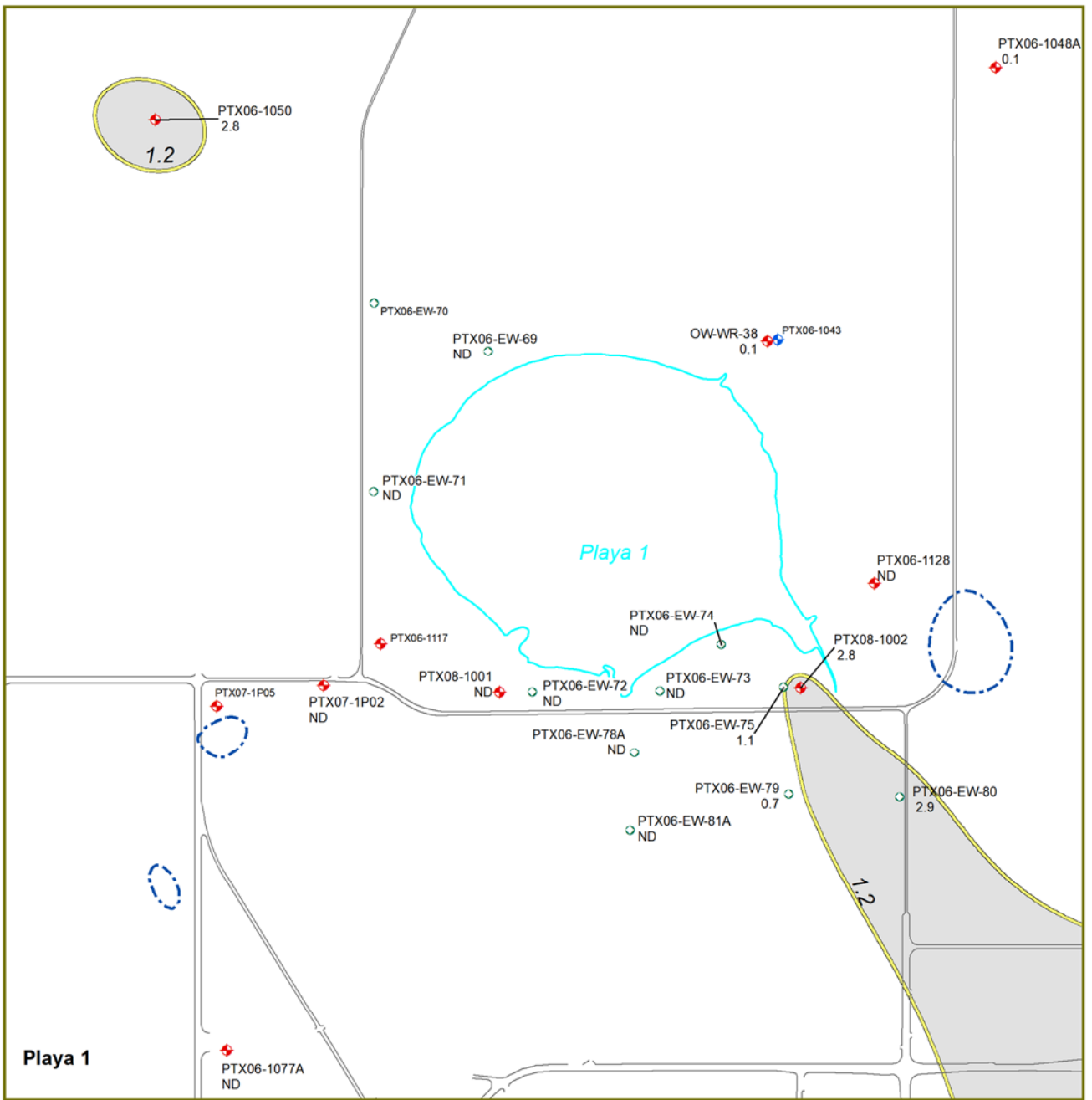
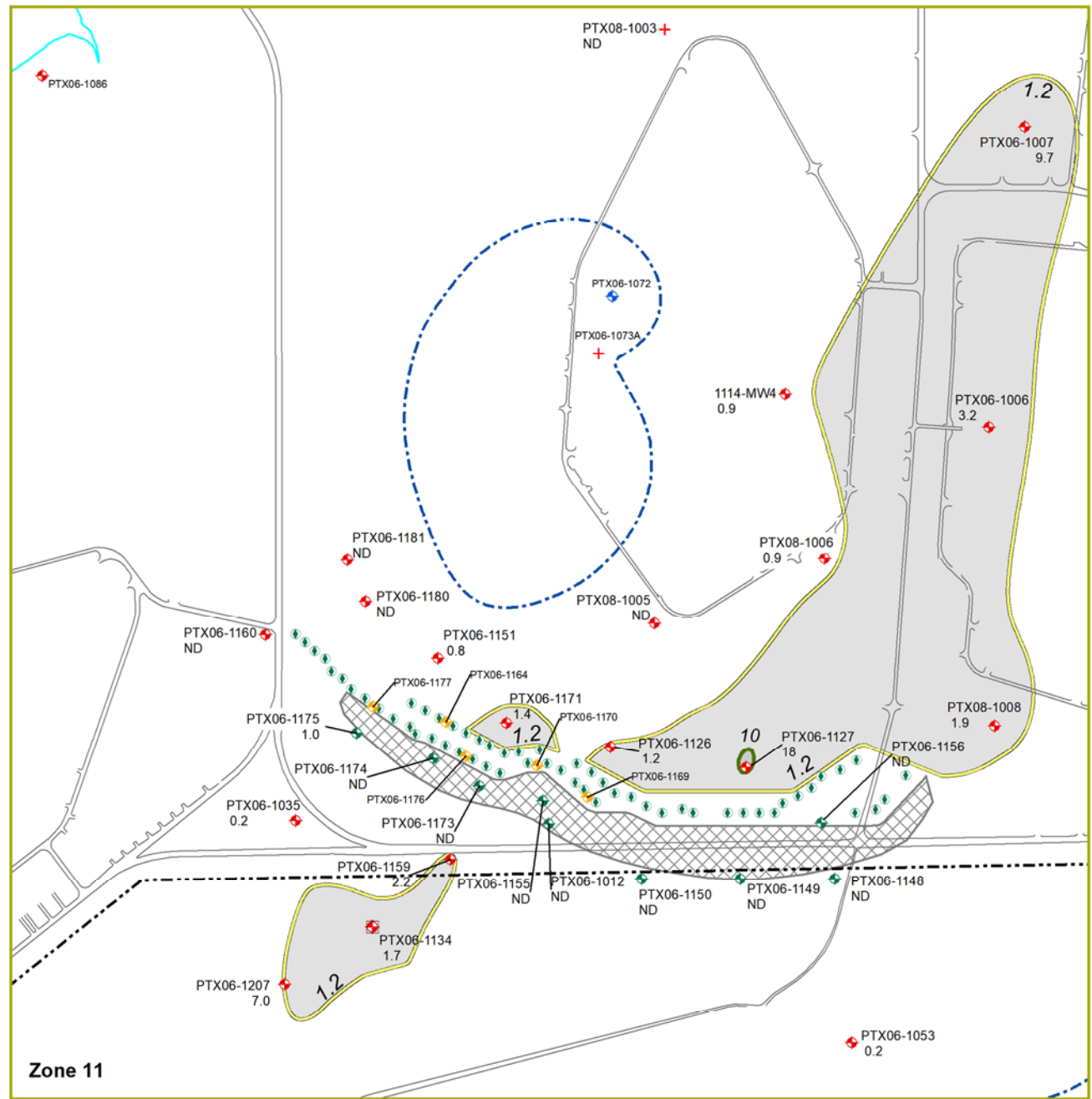
Groundwater Action Levels
 PQL = 1 µg/L
 GWPS = 1.2 µg/L



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 USDOE/NNSA Pantex Plant
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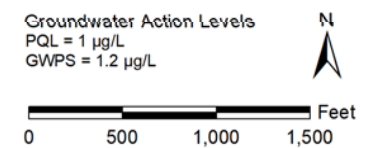
**DNT4A
 2020 Annual Maximum
 Isoconcentrations
 Perched Aquifer Inset Map**

Southeast



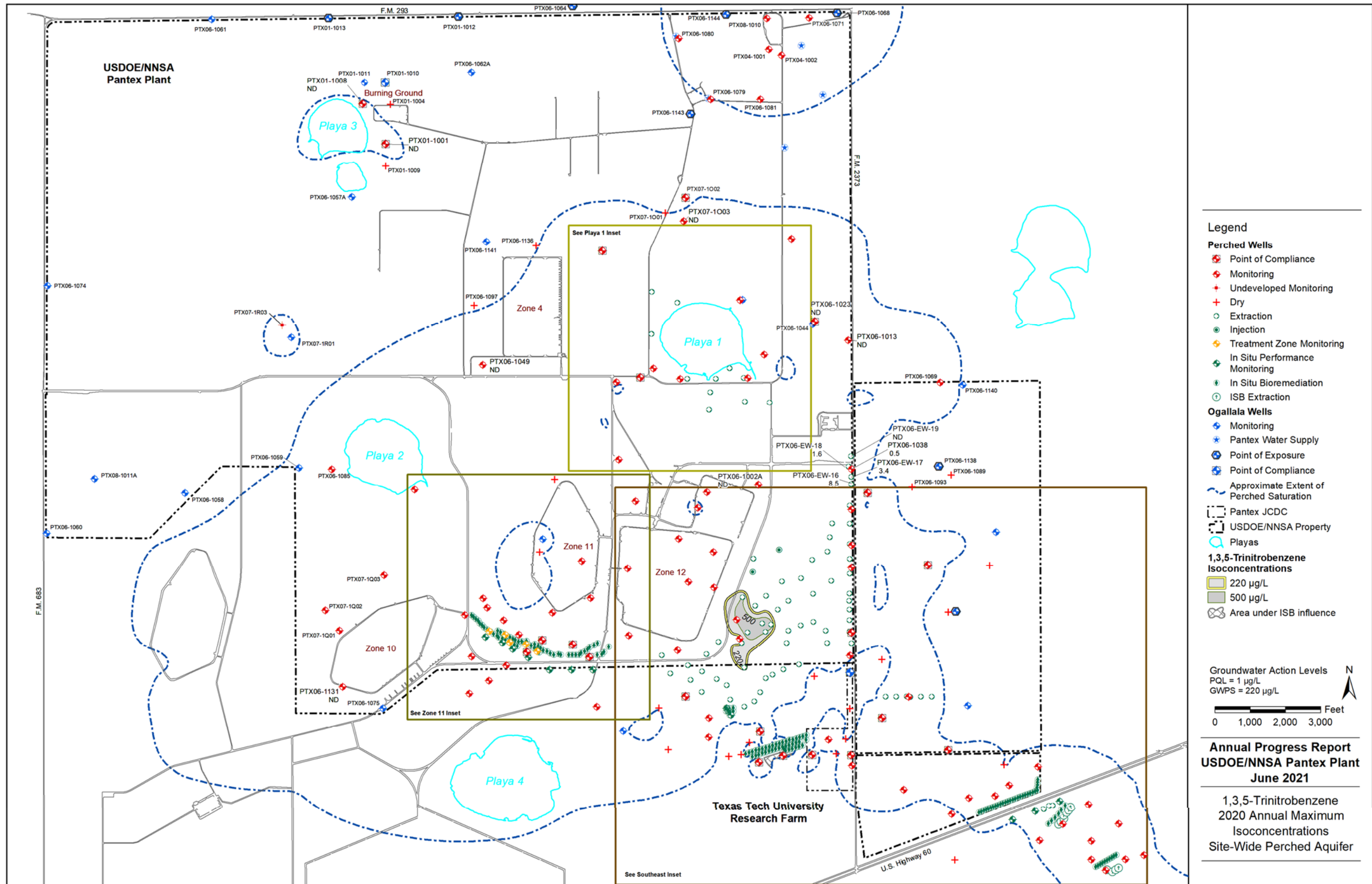
Legend

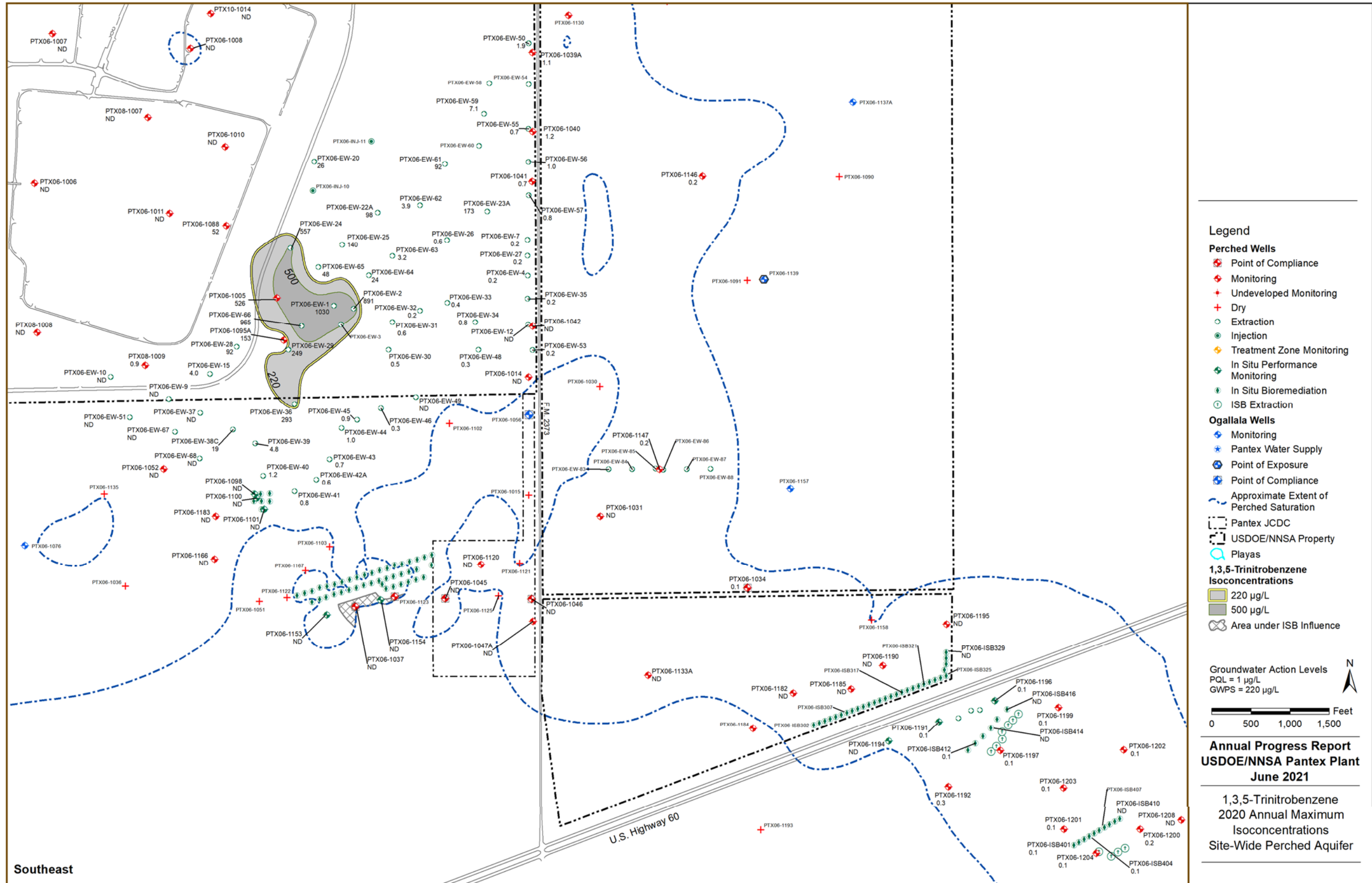
- | | | | |
|------------------------|--------------------------------|--|--------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | DNT4A Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 1.2 µg/L |
| Dry | ISB Extraction | Point of Compliance | 10 µg/L |
| Extraction | | Approximate Extent of Perched Saturation | 20 µg/L |
| | | | Area under ISB Influence |

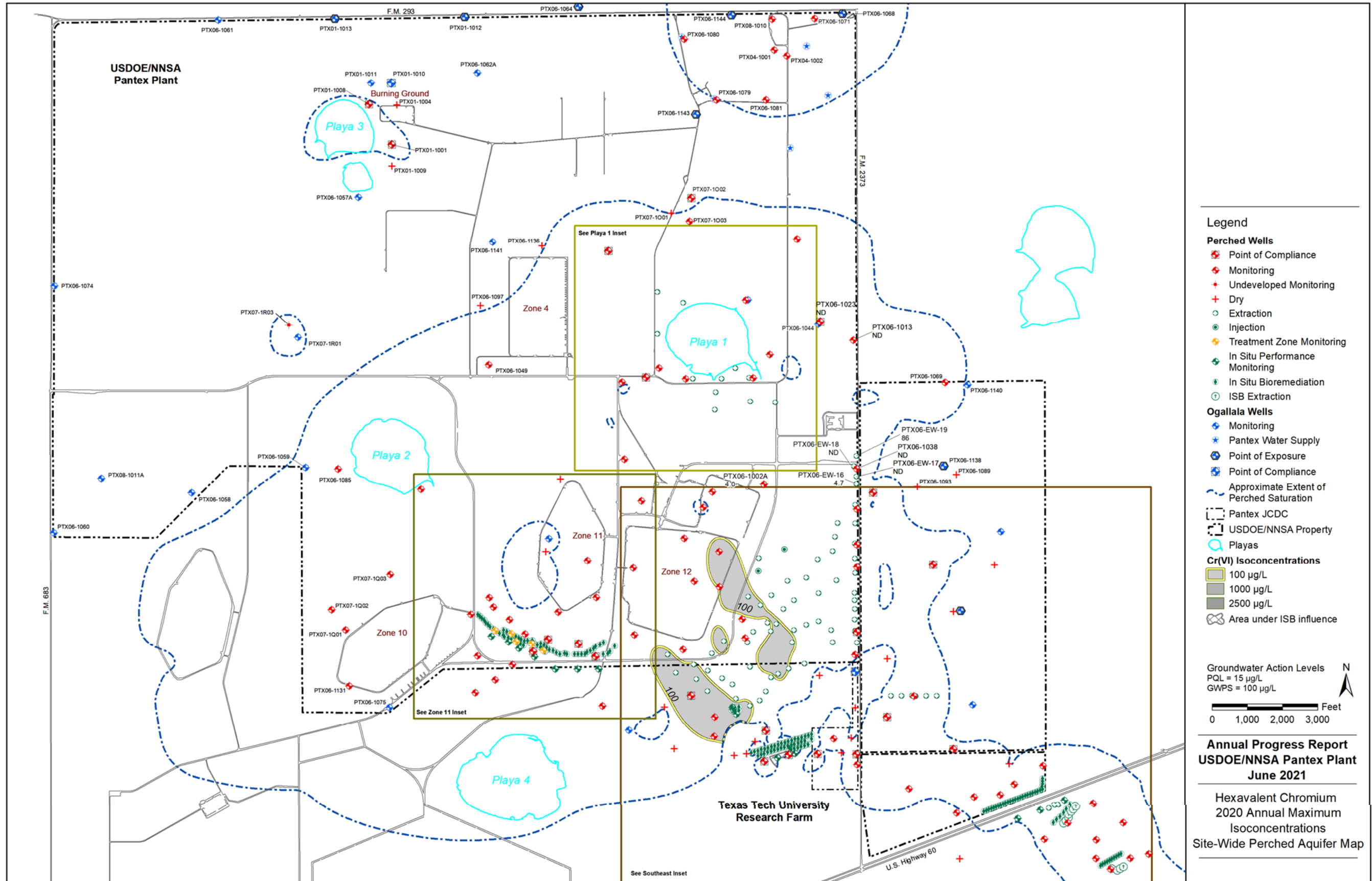


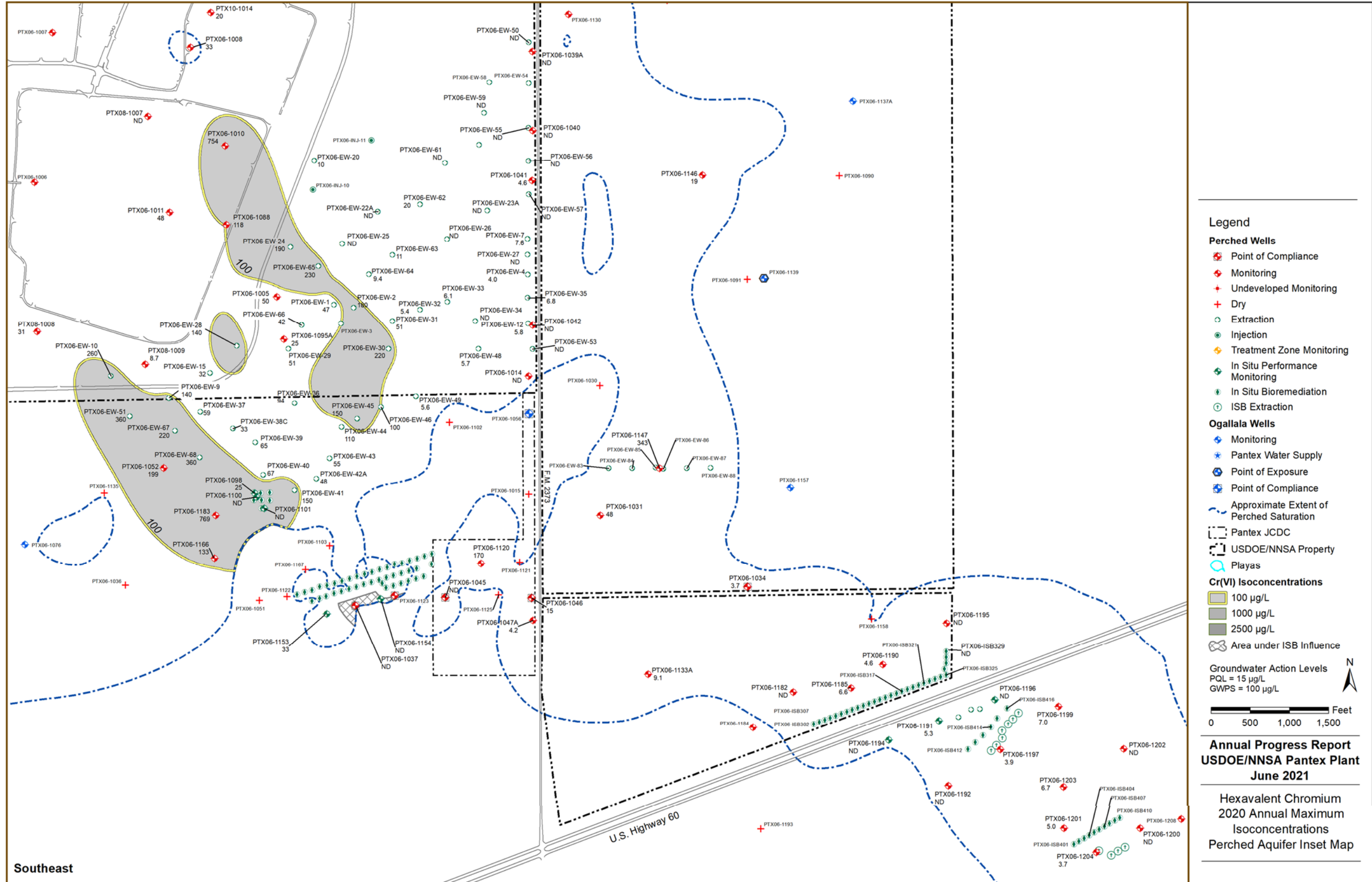
**Annual Progress Report
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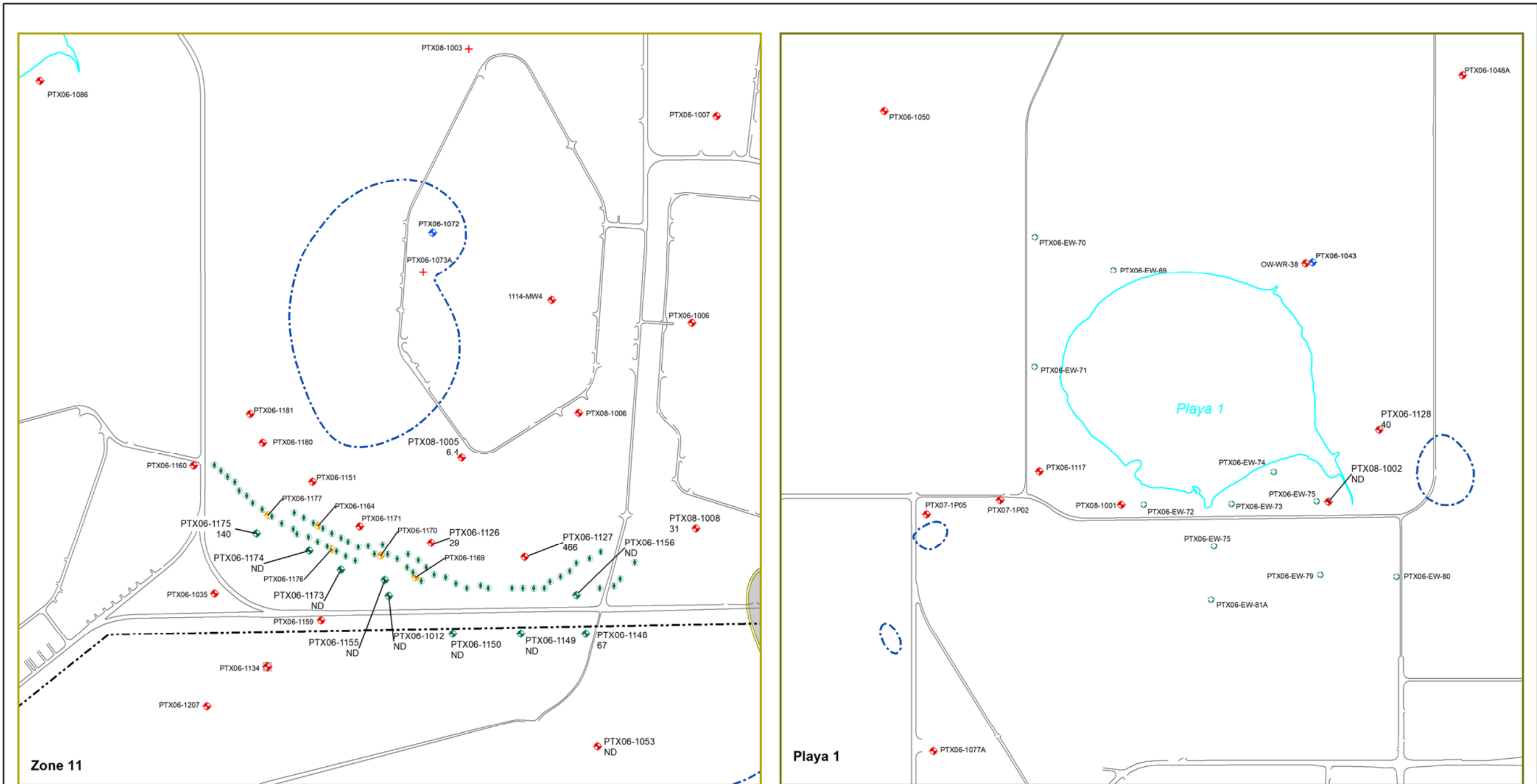
DNT4A
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps





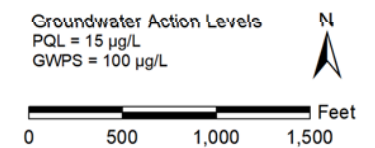






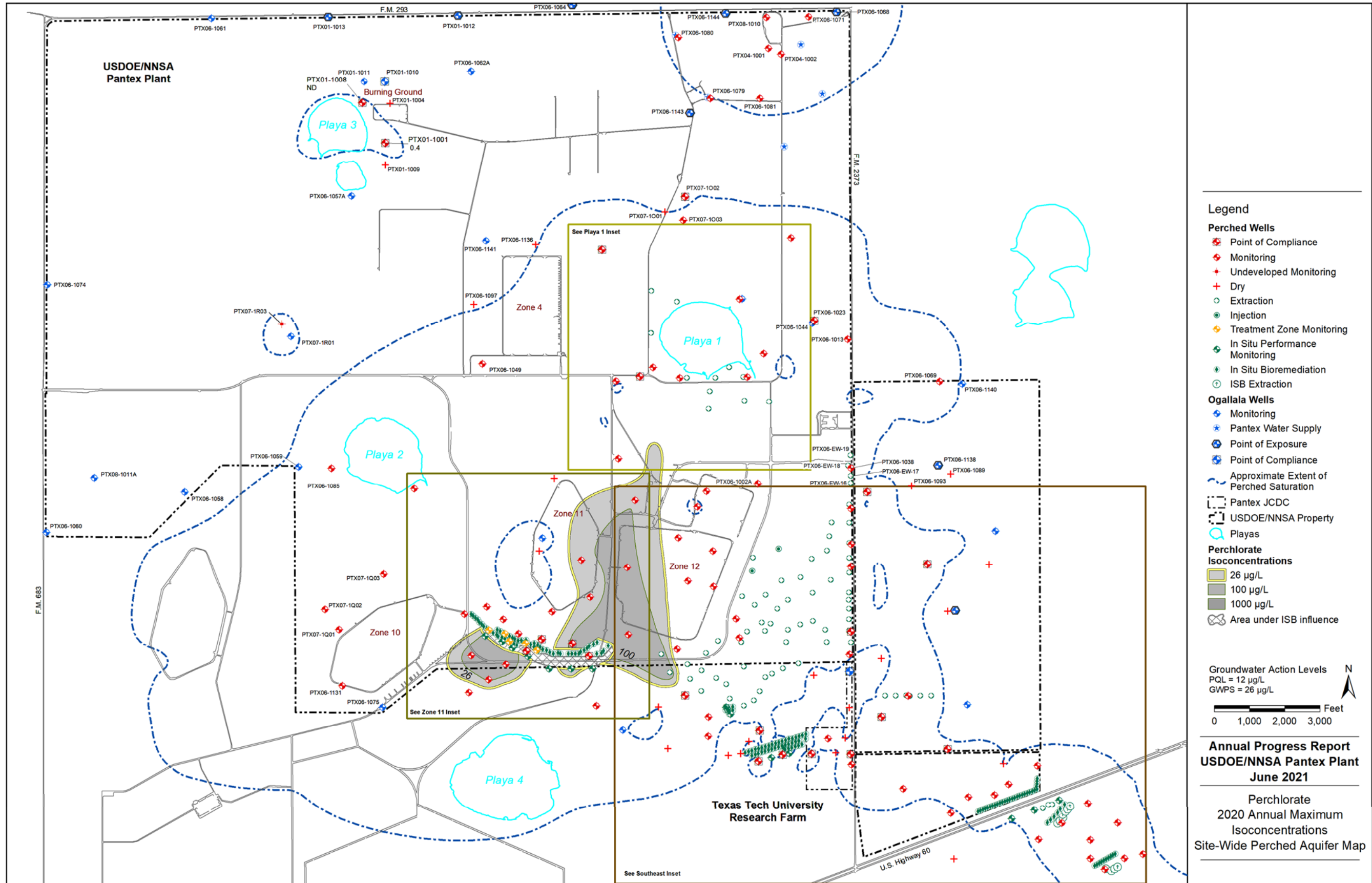
Legend

- | | | | |
|------------------------|--------------------------------|--|---------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | Cr(VI) Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 100 µg/L |
| Dry | ISB Extraction | Point of Compliance | 1000 µg/L |
| Extraction | | Approximate Extent of Perched Saturation | 2500 µg/L |
| | | | Area under ISB Influence |



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USDOE/NNSA Pantex Plant
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Hexavalent Chromium
2020 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

Perchlorate Isoconcentrations

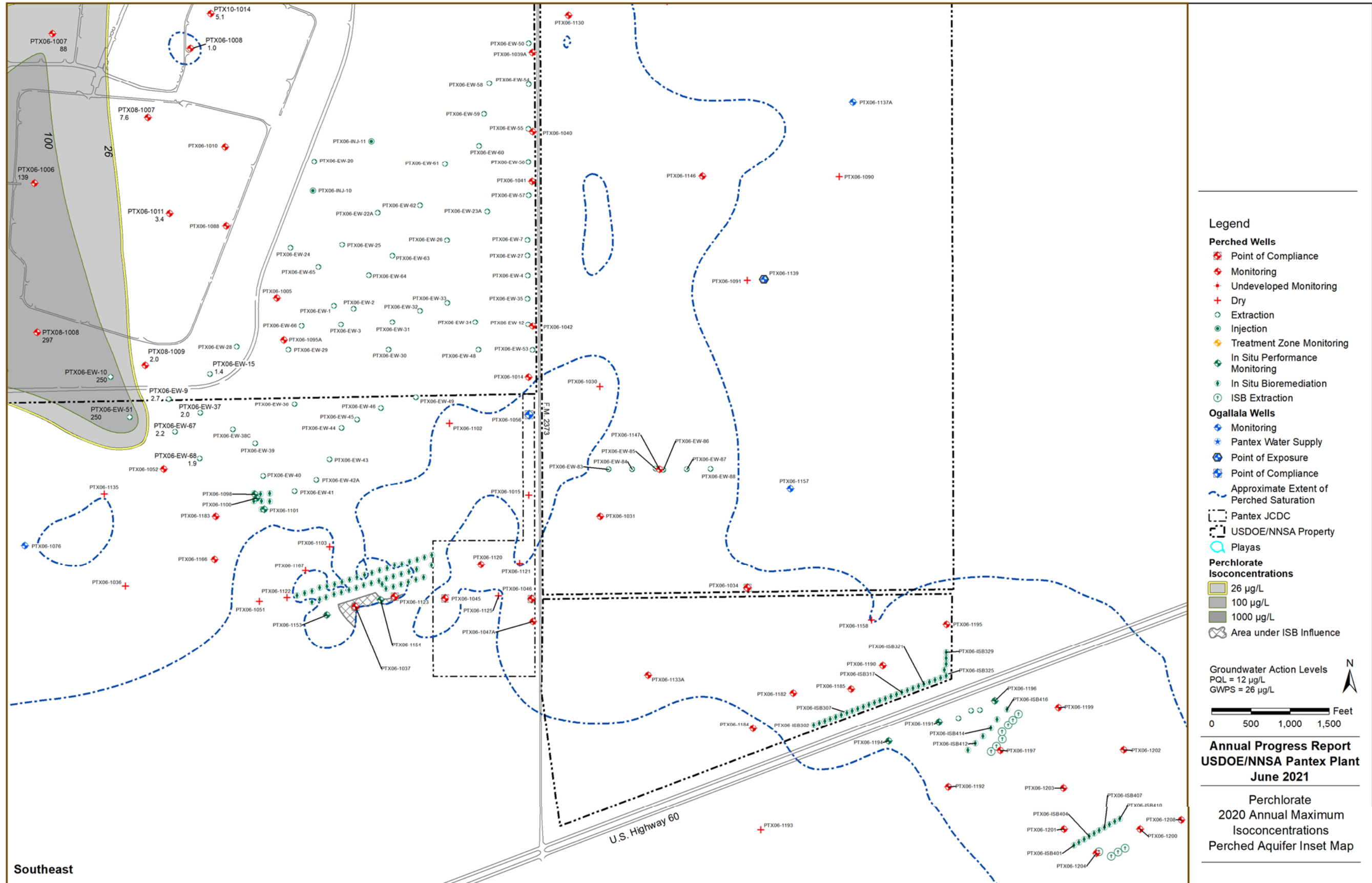
- 26 µg/L
- 100 µg/L
- 1000 µg/L
- Area under ISB influence

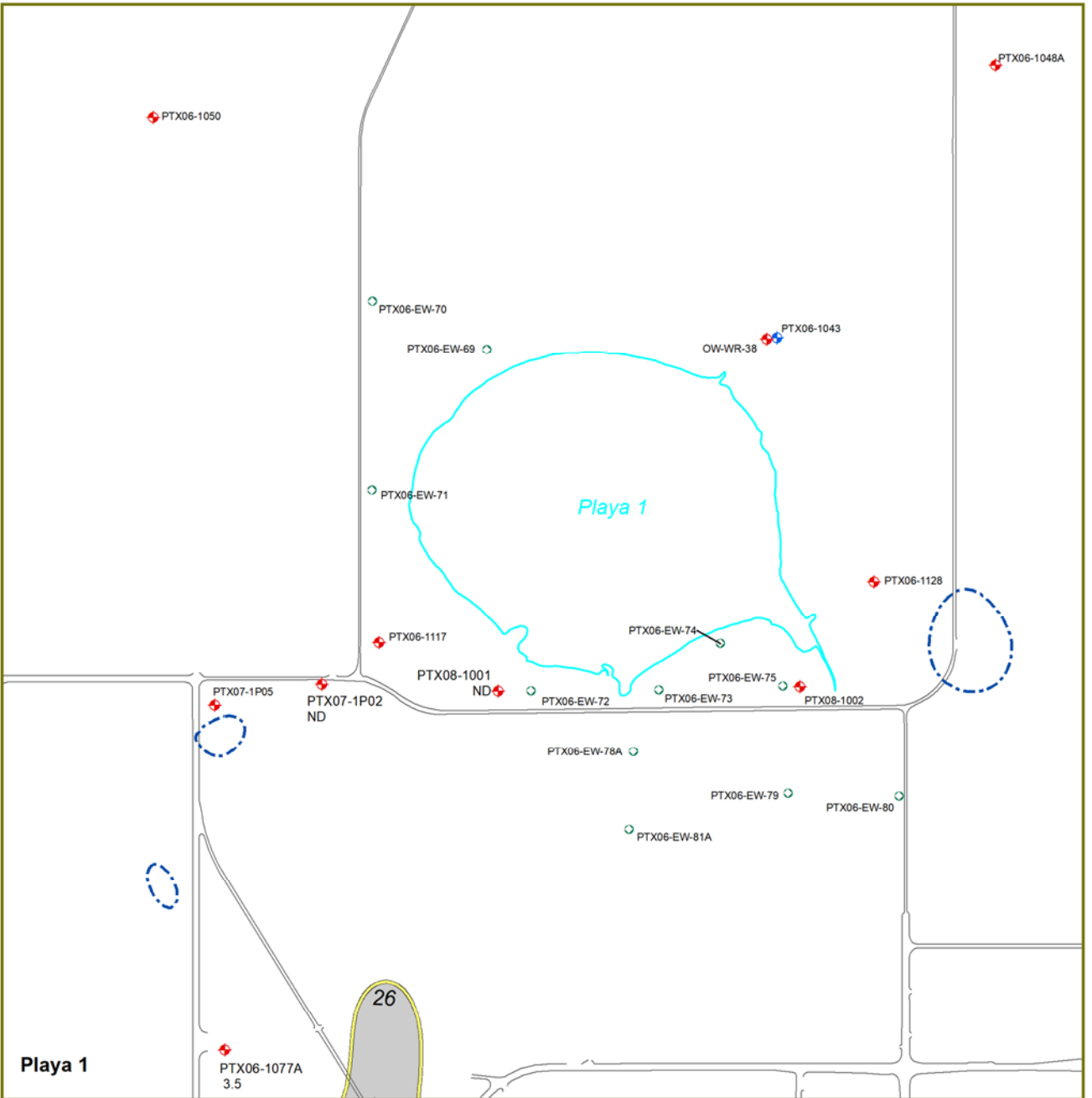
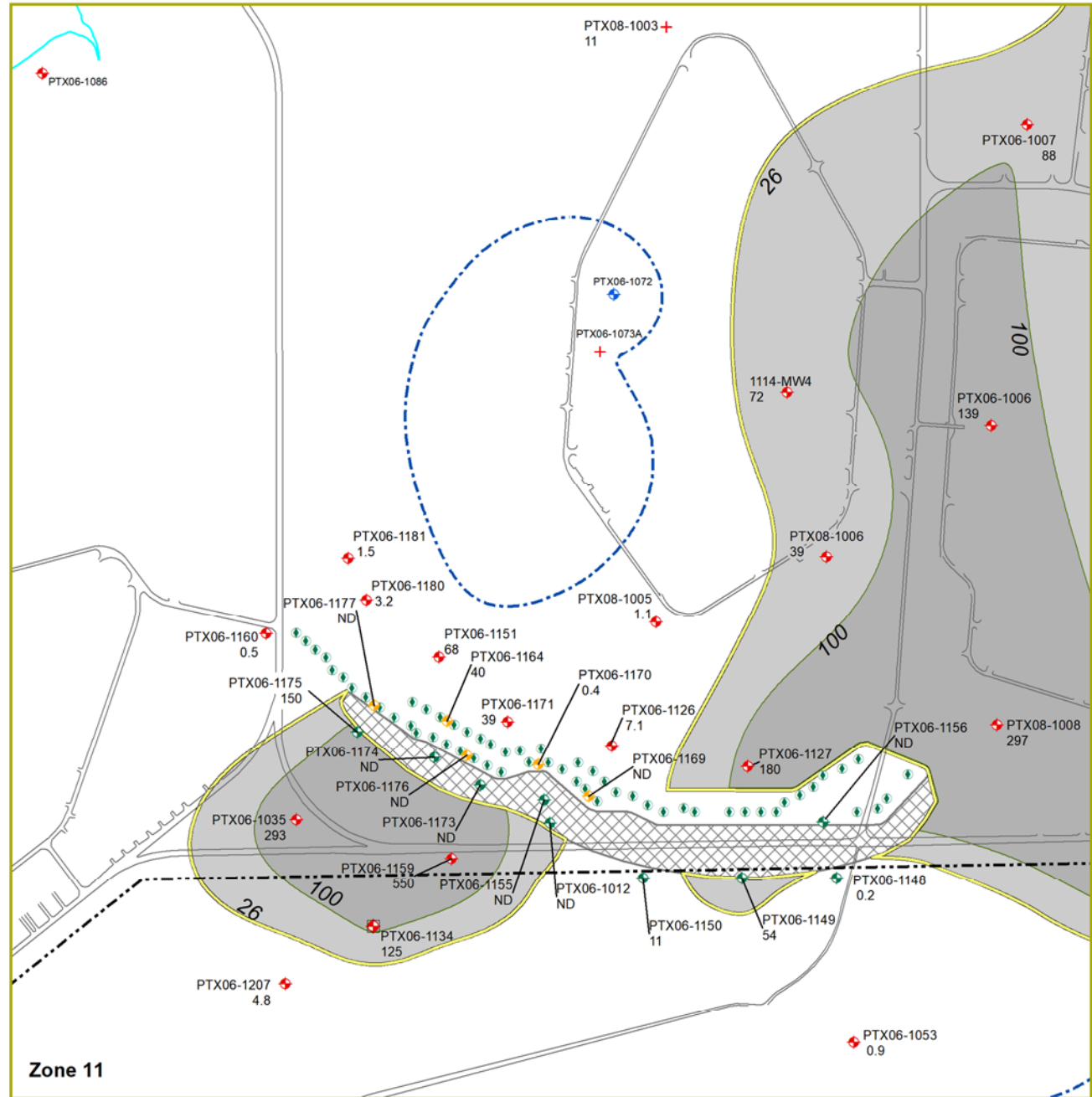
Groundwater Action Levels
 PQL = 12 µg/L
 GWPS = 26 µg/L

0 1,000 2,000 3,000 Feet

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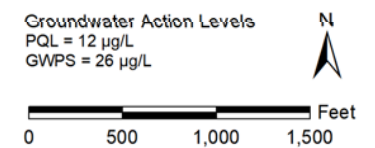
Perchlorate
 2020 Annual Maximum
 Isoconcentrations
 Site-Wide Perched Aquifer Map





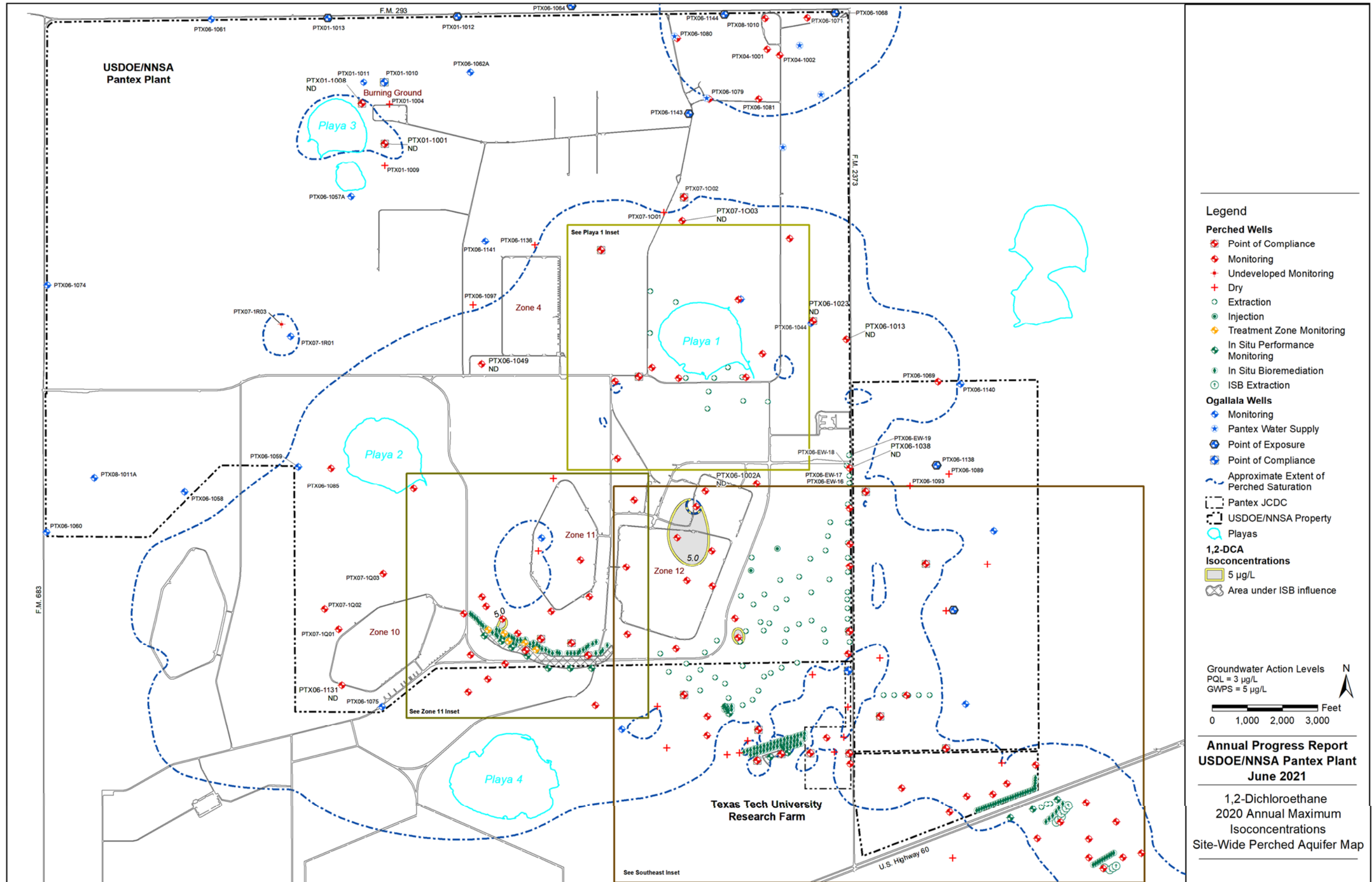
Legend

- | | | | |
|--------------------------|----------------------------------|--|--------------------------------------|
| Perched Wells | ● Injection | Ogallala Wells | ▭ USDOE/NNSA Property |
| ⊕ Point of Compliance | ⊕ Treatment Zone Monitoring | ⊕ Monitoring | ○ Playas |
| ⊕ Monitoring | ⊕ In Situ Performance Monitoring | ⊕ Pantex Water Supply | Perchlorate Isoconcentrations |
| ⊕ Undeveloped Monitoring | ⊕ In Situ Bioremediation | ⊕ Point of Exposure | ■ 26 µg/L |
| ⊕ Dry | ⊕ ISB Extraction | ⊕ Point of Compliance | ■ 100 µg/L |
| ○ Extraction | | ⊕ Approximate Extent of Perched Saturation | ■ 1000 µg/L |
| | | | ⊕ Area under ISB Influence |



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June 2021**

Perchlorate
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps



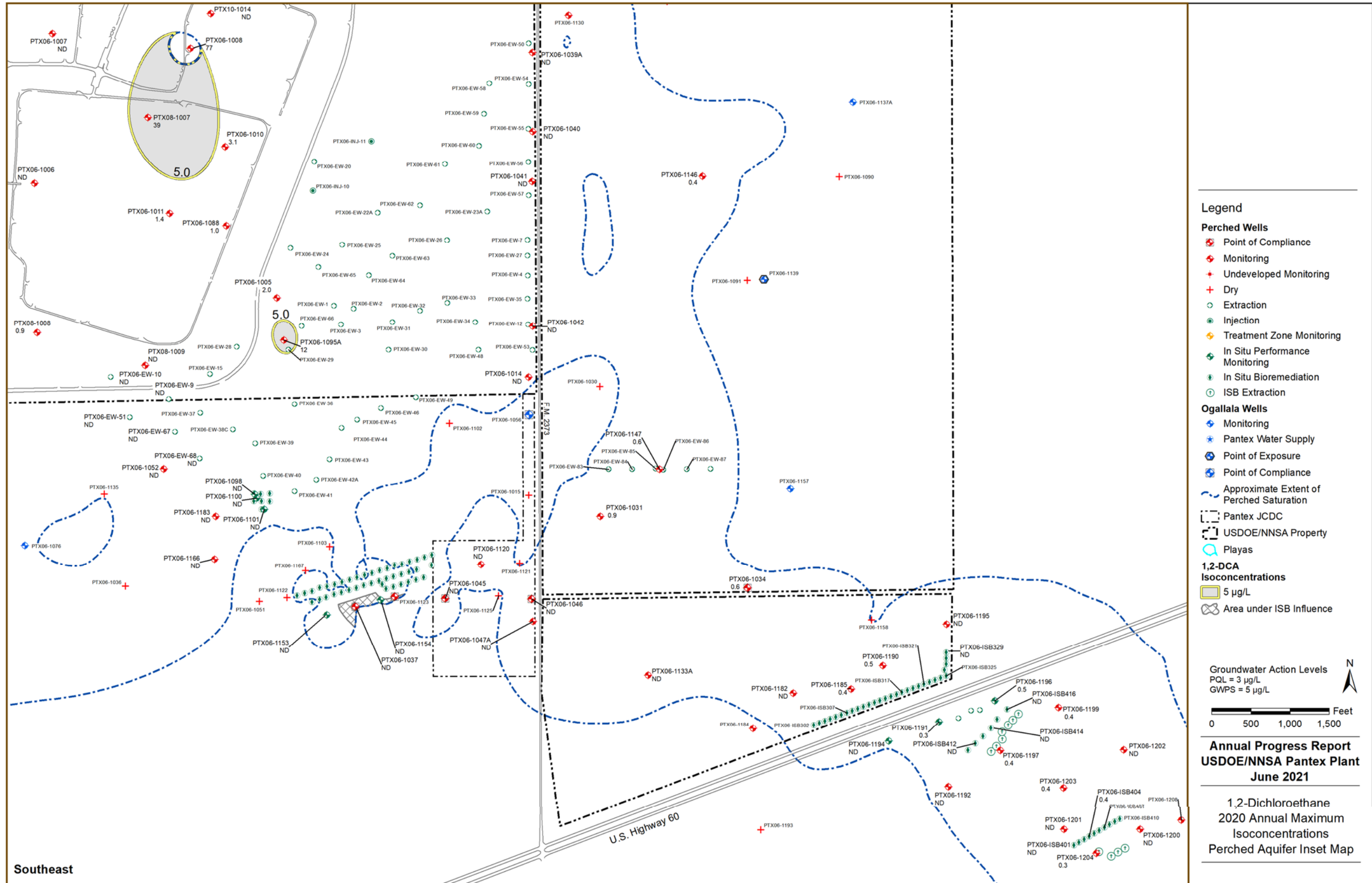
- Legend**
- Perched Wells**
- ◆ Point of Compliance
 - ◆ Monitoring
 - + Undeveloped Monitoring
 - + Dry
 - Extraction
 - Injection
 - ◆ Treatment Zone Monitoring
 - ◆ In Situ Performance Monitoring
 - ◆ In Situ Bioremediation
 - ISB Extraction
- Ogallala Wells**
- ◆ Monitoring
 - ◆ Pantex Water Supply
 - ◆ Point of Exposure
 - ◆ Point of Compliance
 - Approximate Extent of Perched Saturation
 - Pantex JCDC
 - USDOE/NNSA Property
 - Plays
- 1,2-DCA Isoconcentrations**
- 5 µg/L
 - ⊗ Area under ISB influence

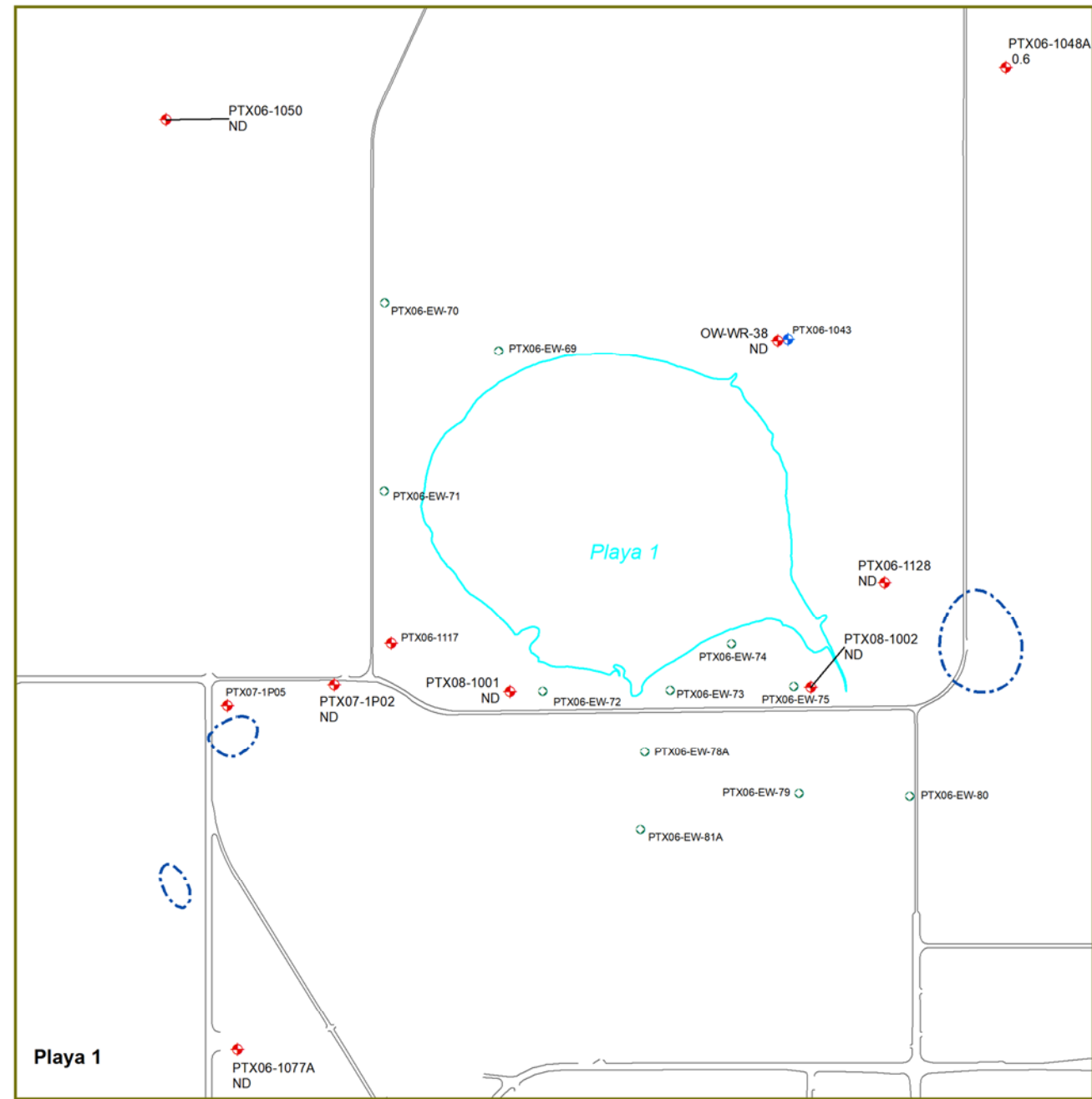
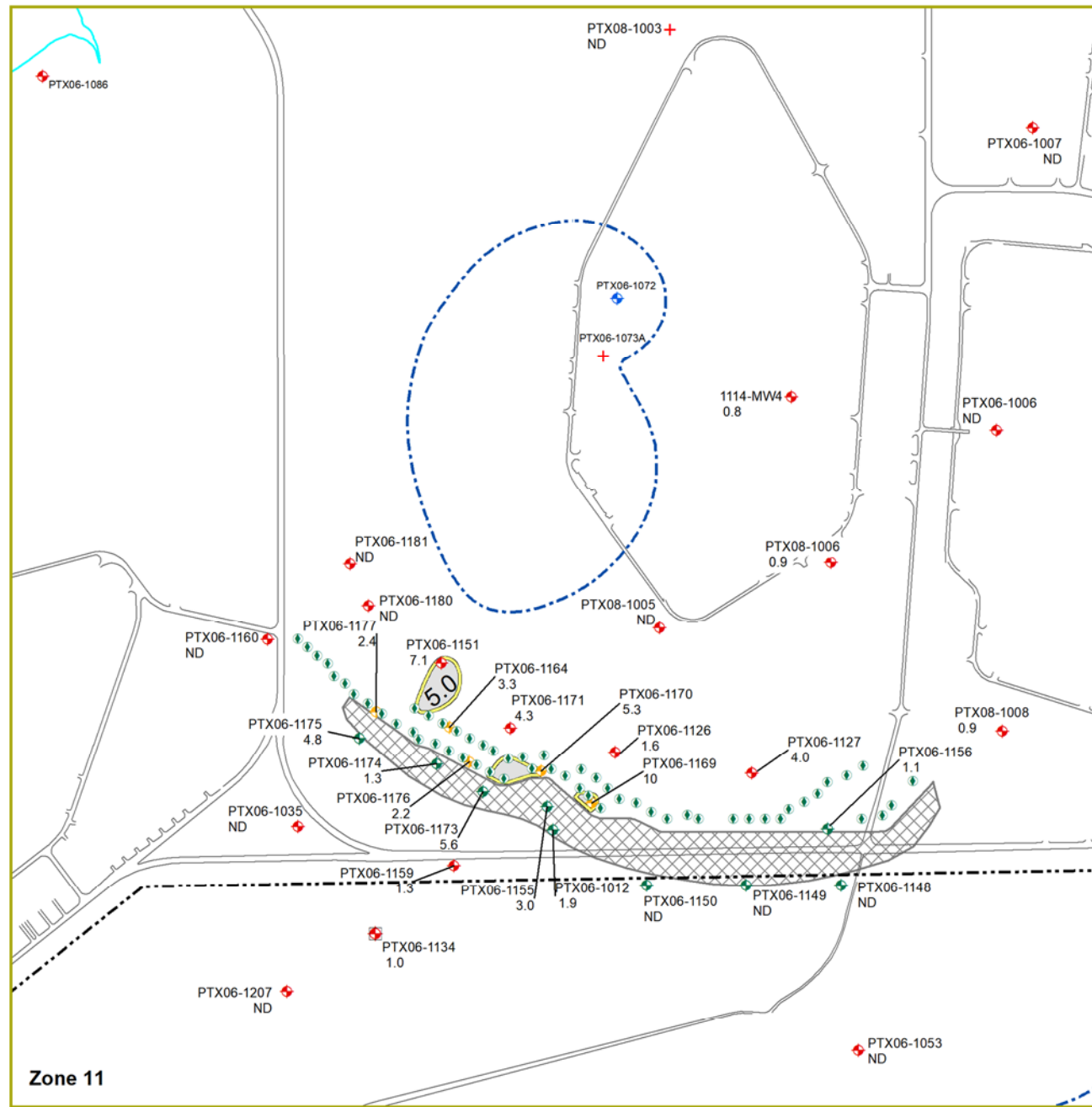
Groundwater Action Levels
 PQL = 3 µg/L
 GWPS = 5 µg/L

0 1,000 2,000 3,000 Feet

**Annual Progress Report
 USDOE/NNSA Pantex Plant
 June 2021**

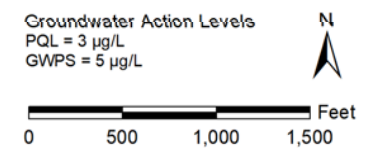
1,2-Dichloroethane
 2020 Annual Maximum
 Isoconcentrations
 Site-Wide Perched Aquifer Map





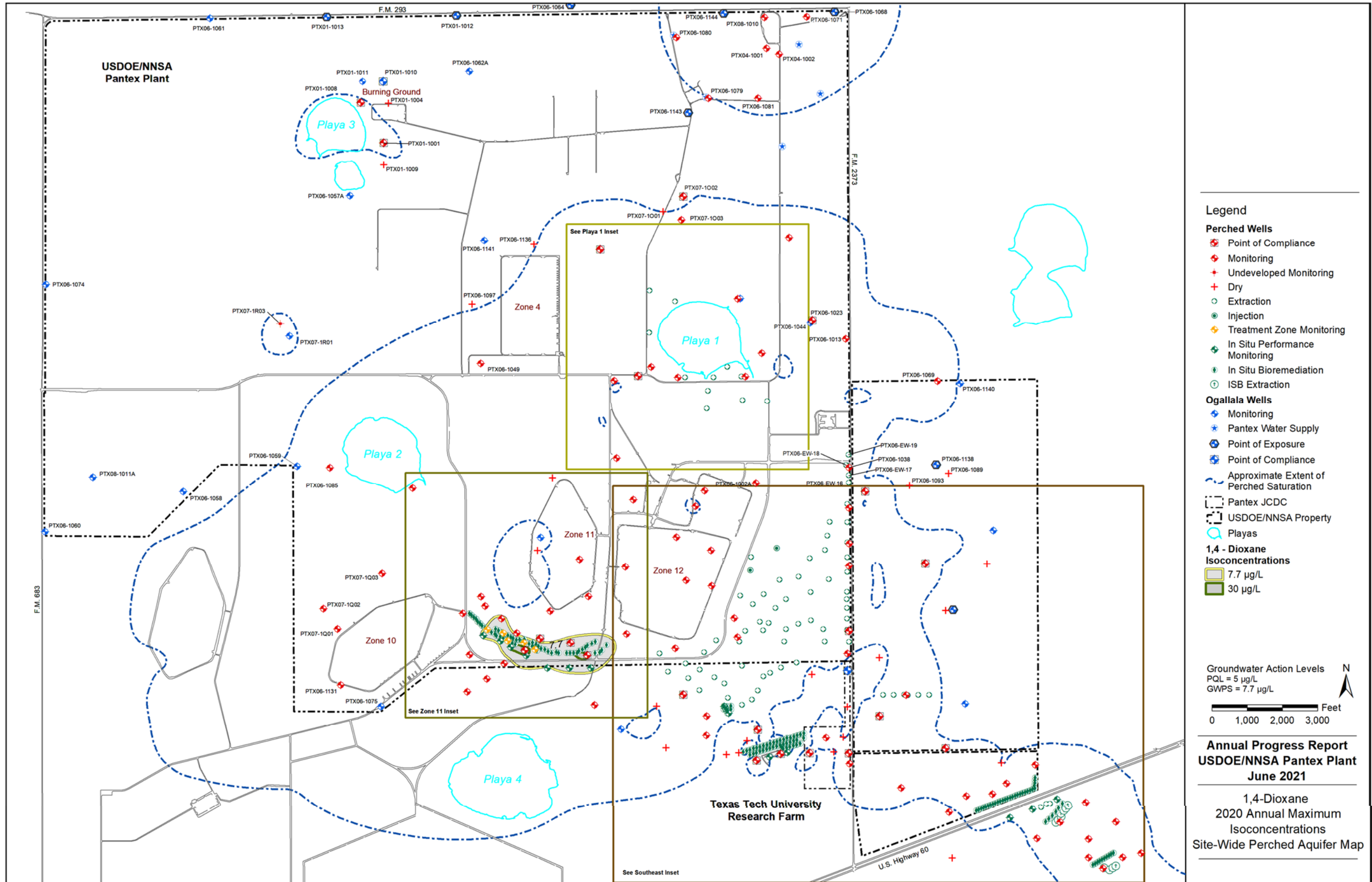
Legend

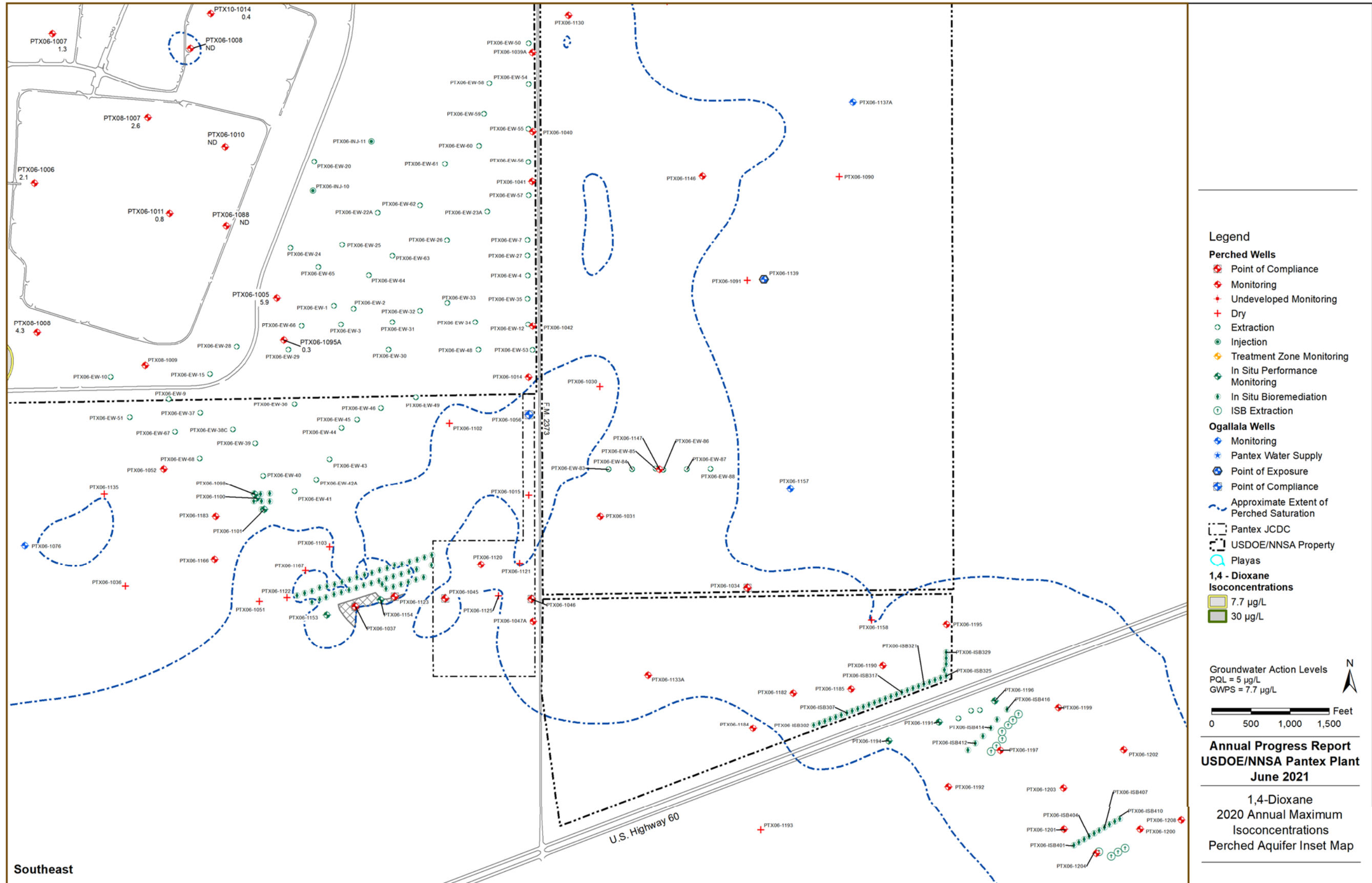
- | | | | |
|------------------------|--------------------------------|--|----------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | 1,2-DCA Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 5 µg/L |
| Dry | ISB Extraction | Point of Compliance | Area under ISB Influence |
| Extraction | | Approximate Extent of Perched Saturation | |

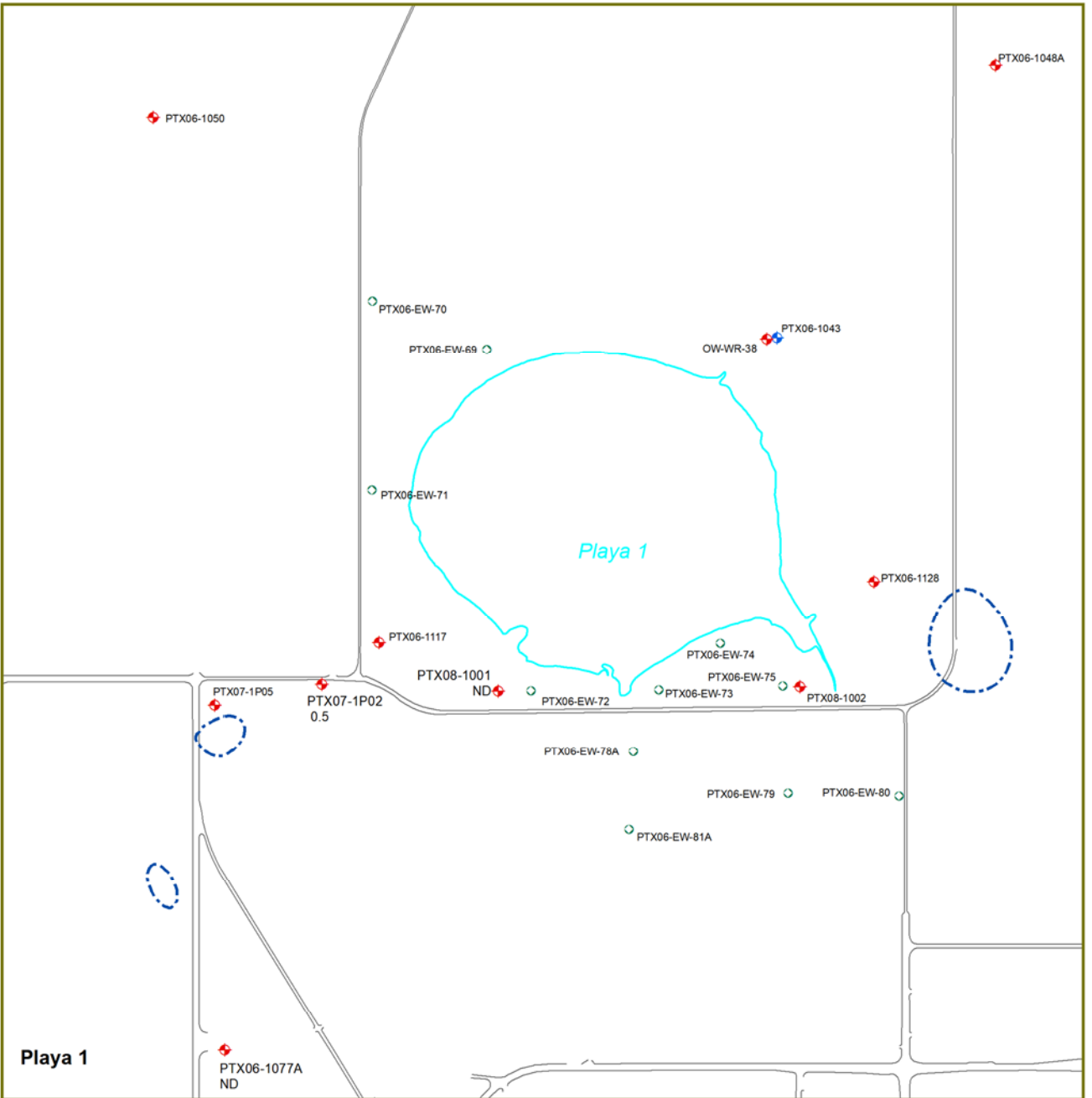
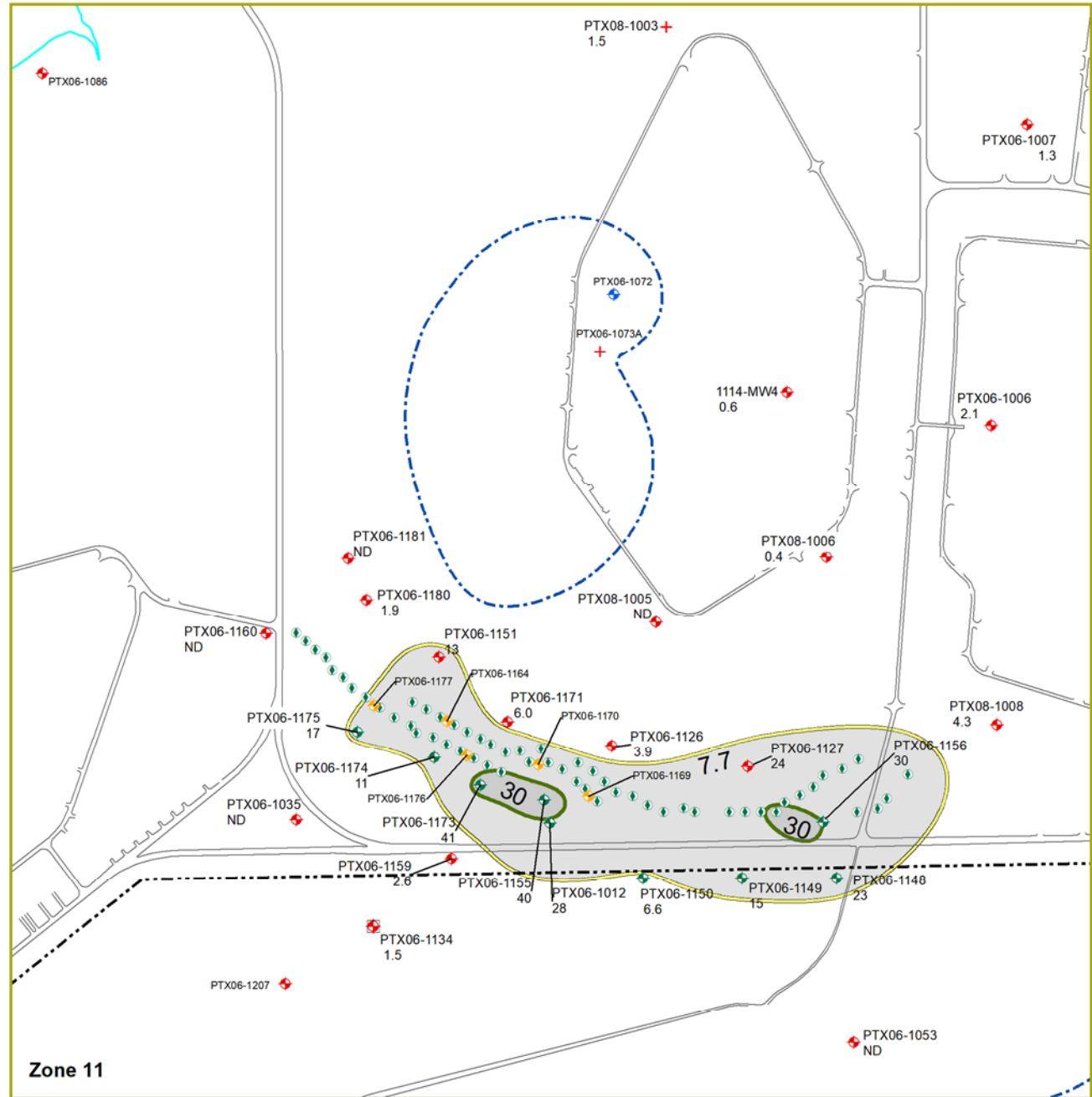


Annual Progress Report
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June 2021

1,2-Dichloroethane
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps

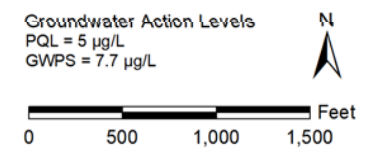






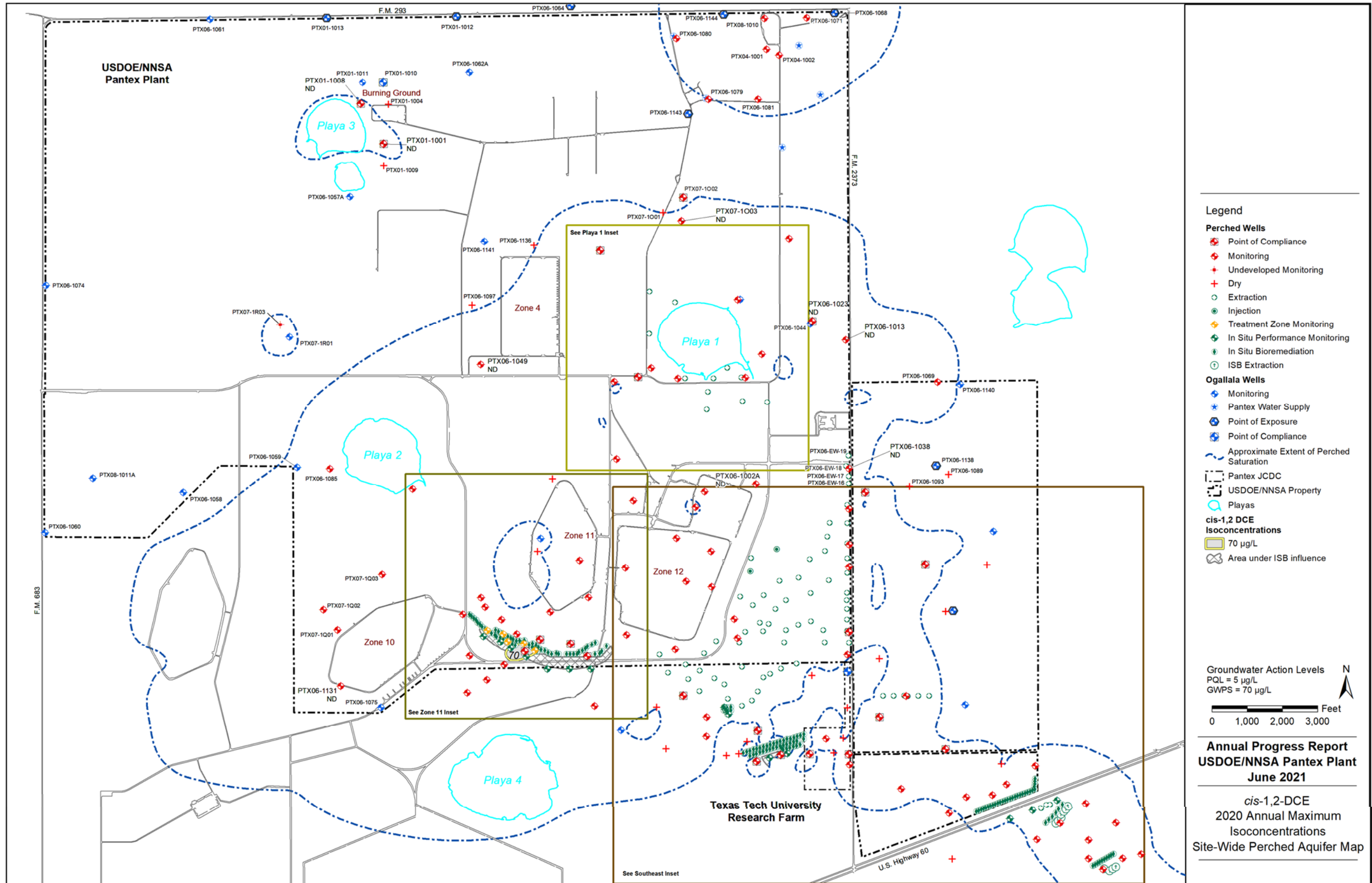
Legend

- | | | | |
|------------------------|--------------------------------|--|---------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | 1,4 - Dioxane Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 7.7 µg/L |
| Dry | ISB Extraction | Point of Compliance | 30 µg/L |
| Extraction | | Approximate Extent of Perched Saturation | |



Annual Progress Report
USDOE/NNSA Pantex Plant
June 2021

1,4-Dioxane
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps



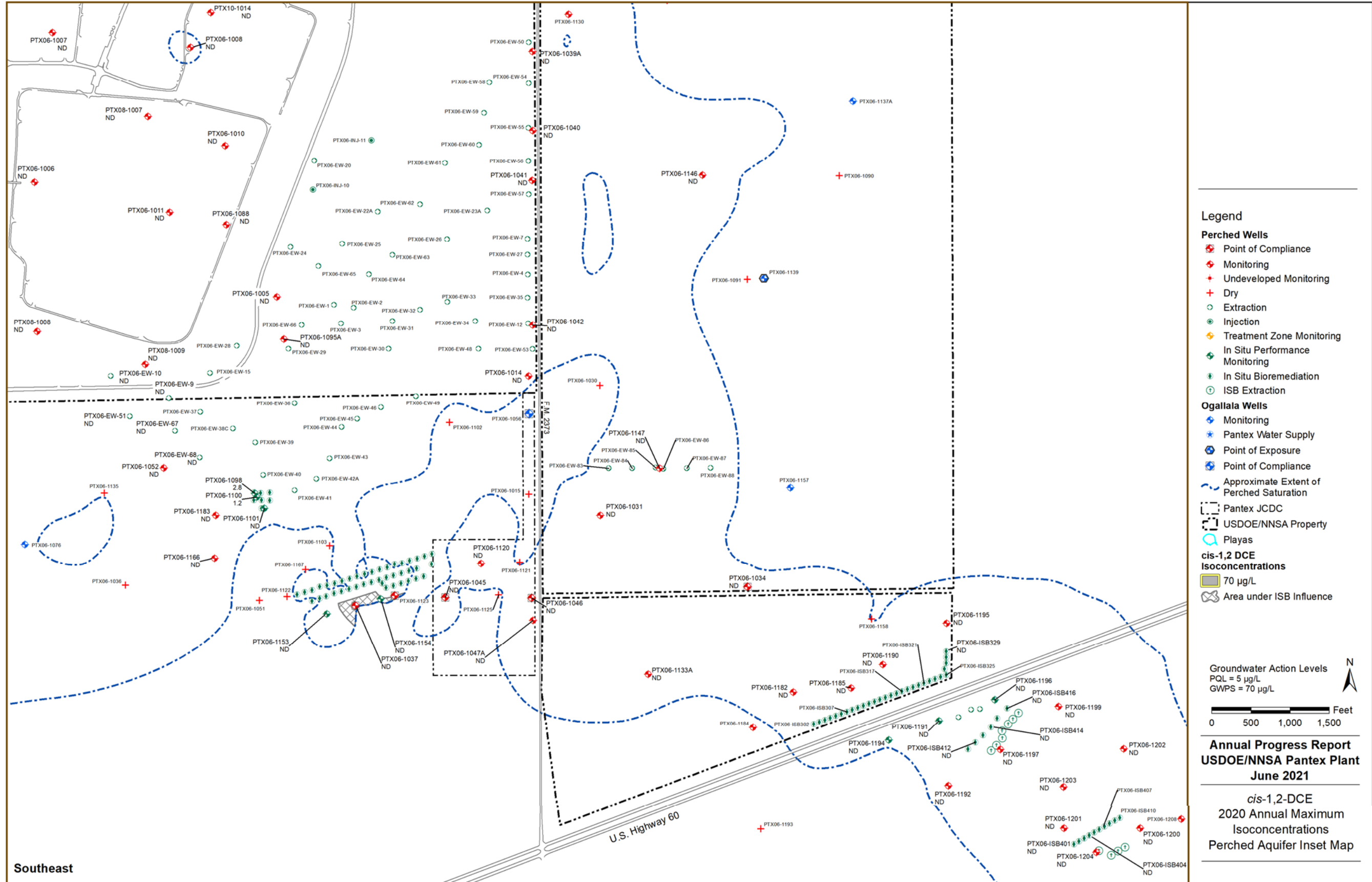
- Legend**
- Perched Wells**
- Point of Compliance
 - Monitoring
 - Undeveloped Monitoring
 - Dry
 - Extraction
 - Injection
 - Treatment Zone Monitoring
 - In Situ Performance Monitoring
 - In Situ Bioremediation
 - ISB Extraction
- Ogallala Wells**
- Monitoring
 - Pantex Water Supply
 - Point of Exposure
 - Point of Compliance
 - Approximate Extent of Perched Saturation
- Pantex JCDC**
- USDOE/NNSA Property
 - Playas
- cis-1,2 DCE Isoconcentrations**
- 70 µg/L
 - Area under ISB influence

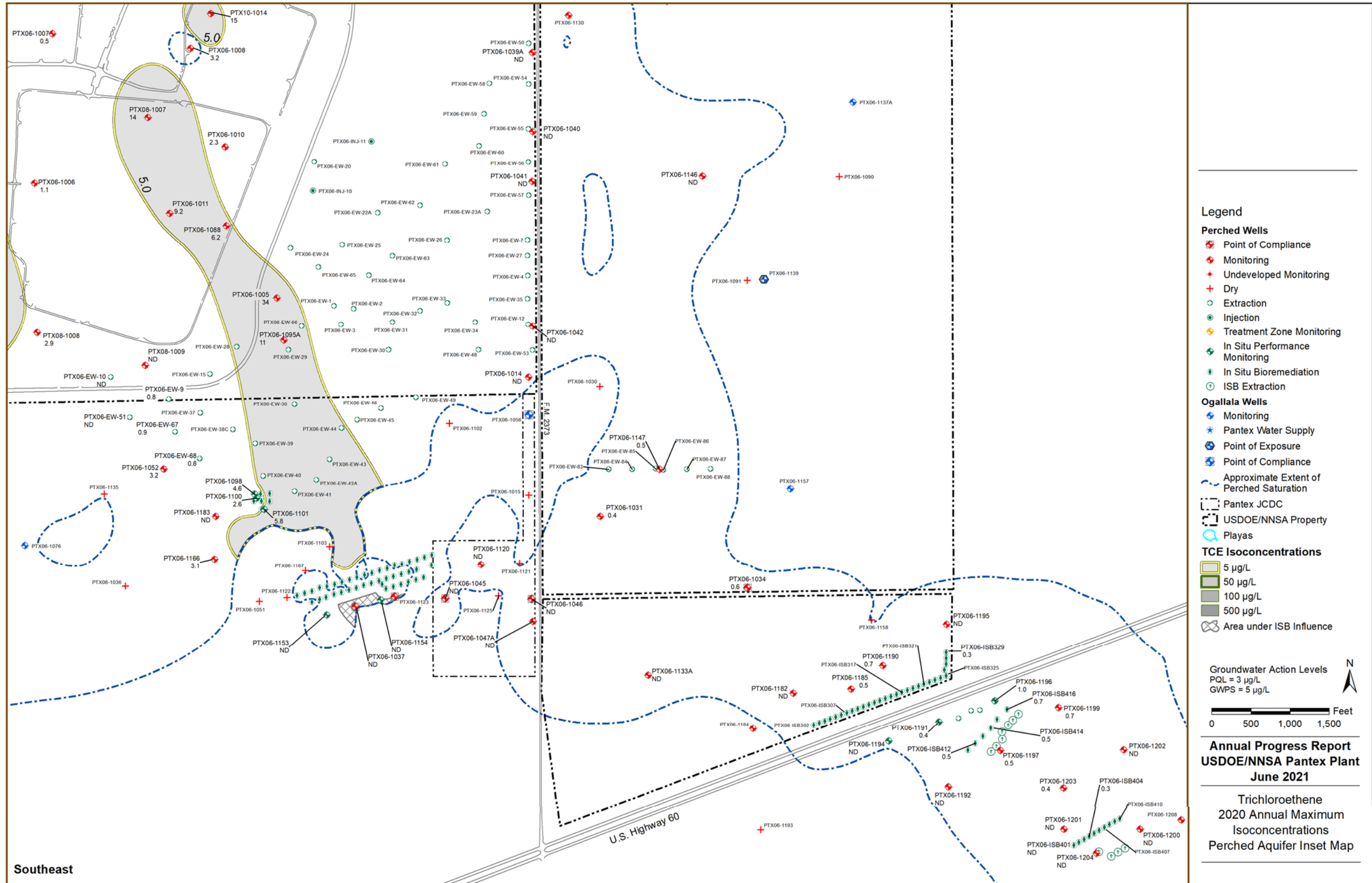
Groundwater Action Levels
 PQL = 5 µg/L
 GWPS = 70 µg/L

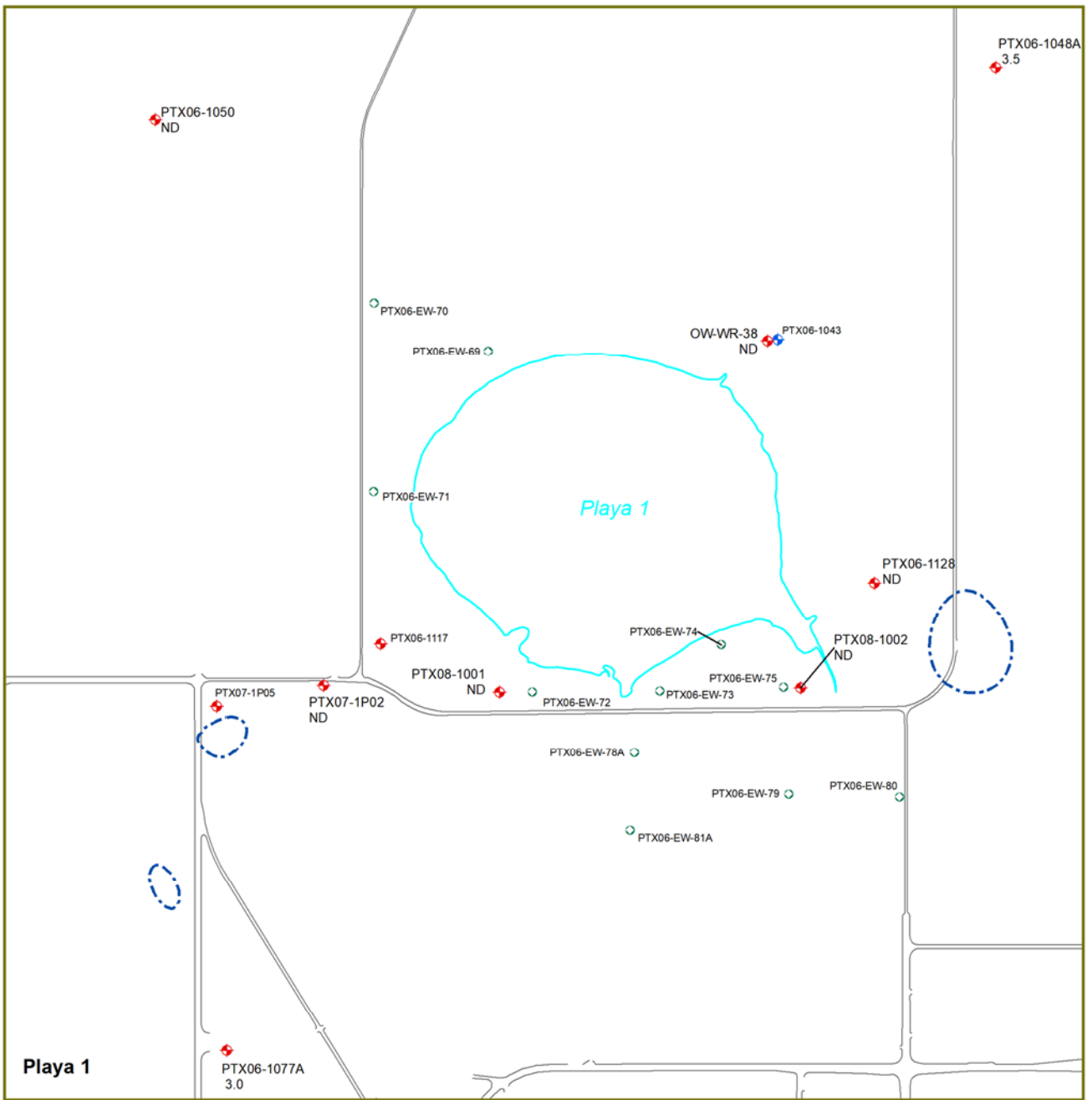
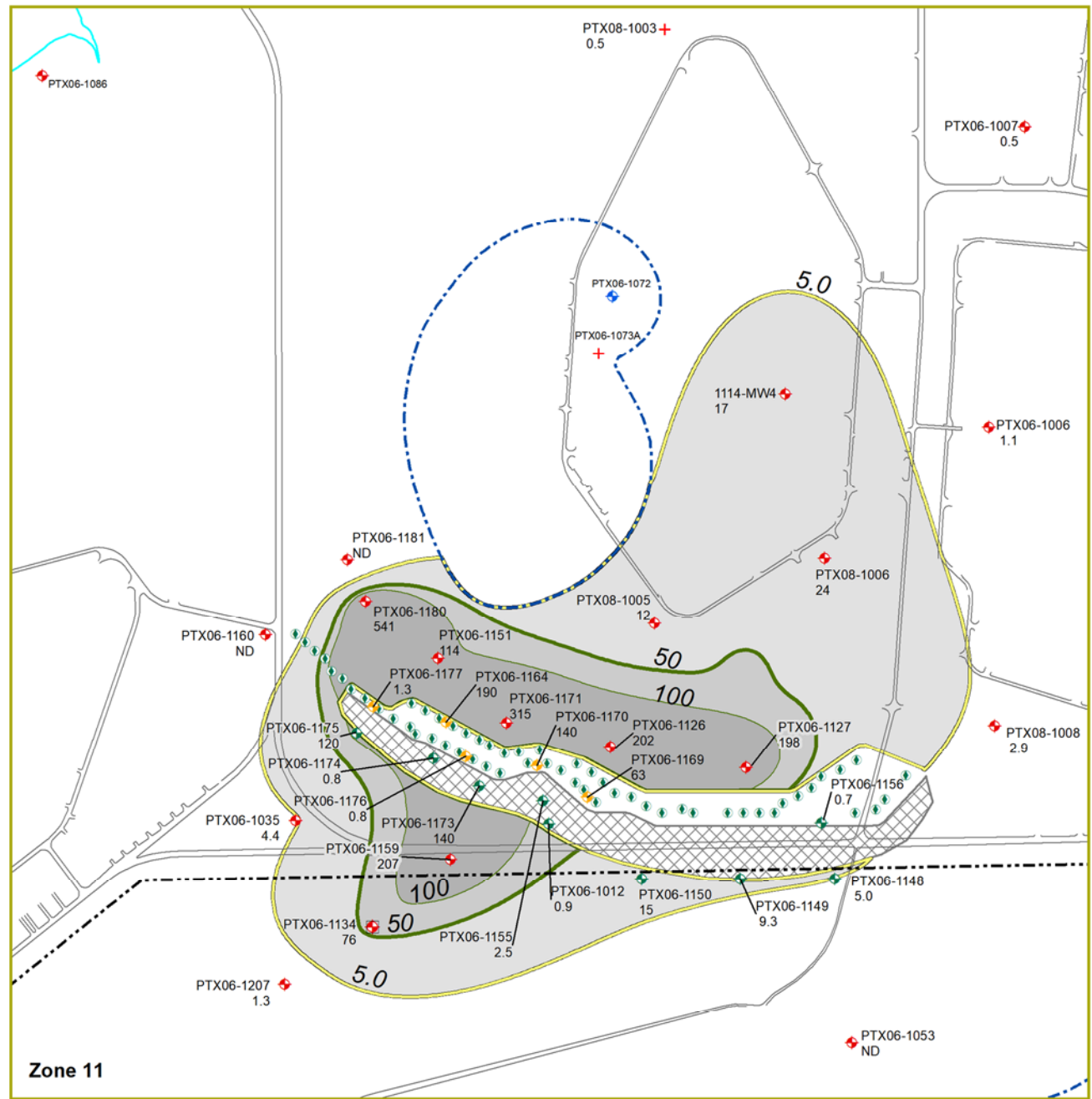
0 1,000 2,000 3,000 Feet

**Annual Progress Report
 USDOE/NNSA Pantex Plant
 June 2021**

cis-1,2-DCE
 2020 Annual Maximum
 Isoconcentrations
 Site-Wide Perched Aquifer Map

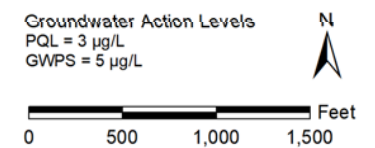






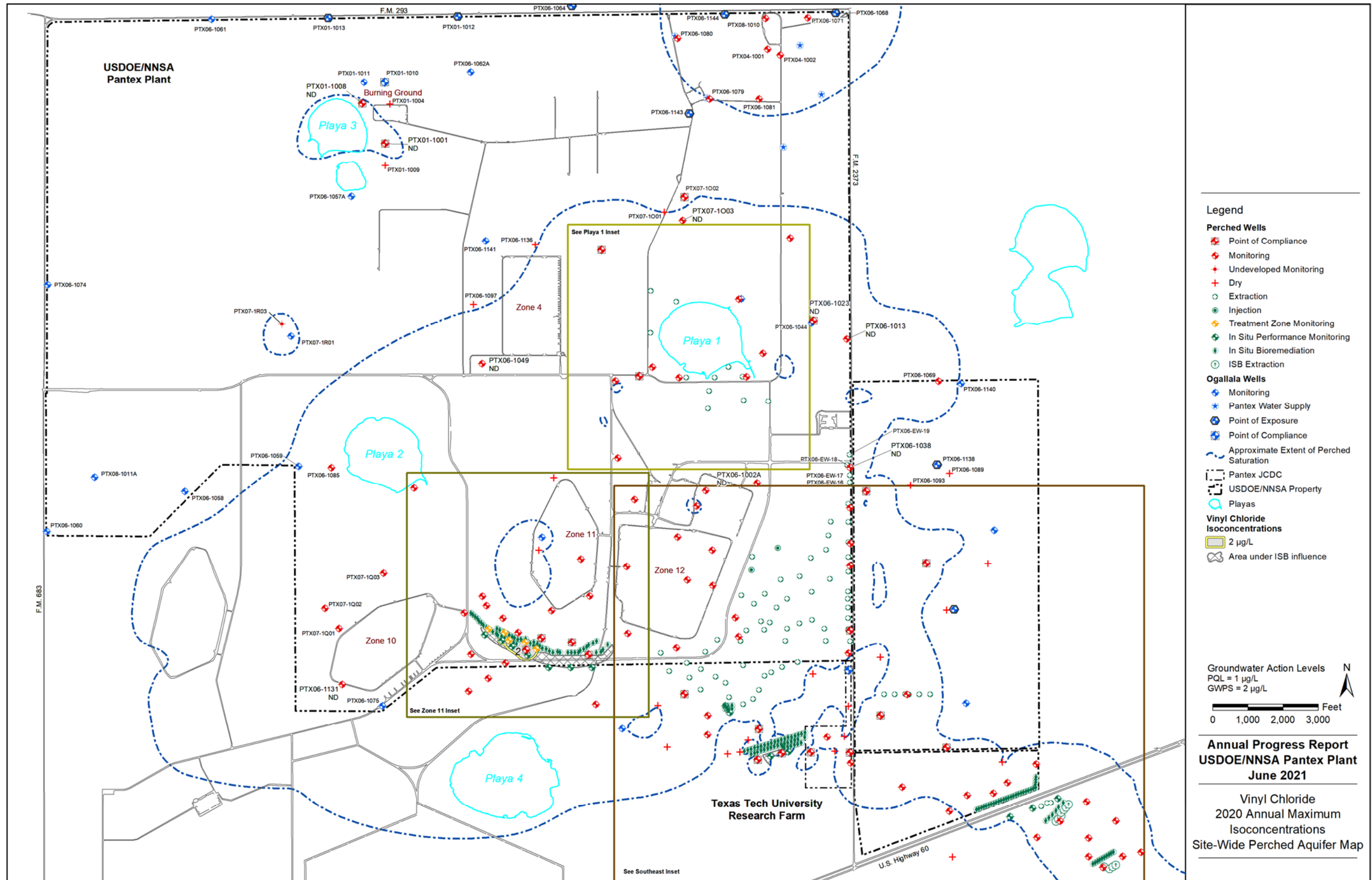
Legend

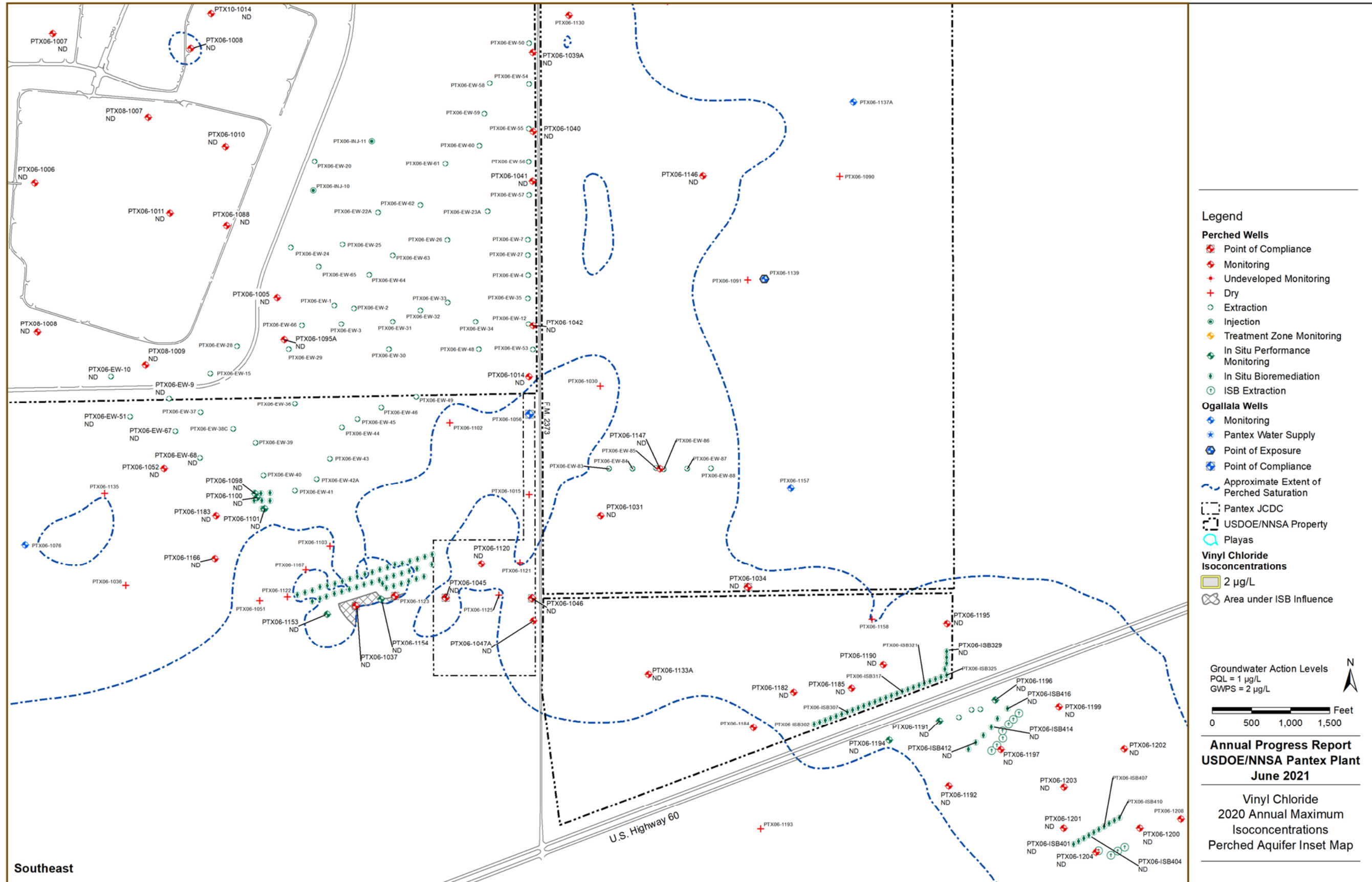
- | | | | |
|------------------------|--------------------------------|--|------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | TCE Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 5 µg/L |
| Dry | ISB Extraction | Point of Compliance | 50 µg/L |
| Extraction | | Approximate Extent of Perched Saturation | 100 µg/L |
| | | Area under ISB Influence | 500 µg/L |

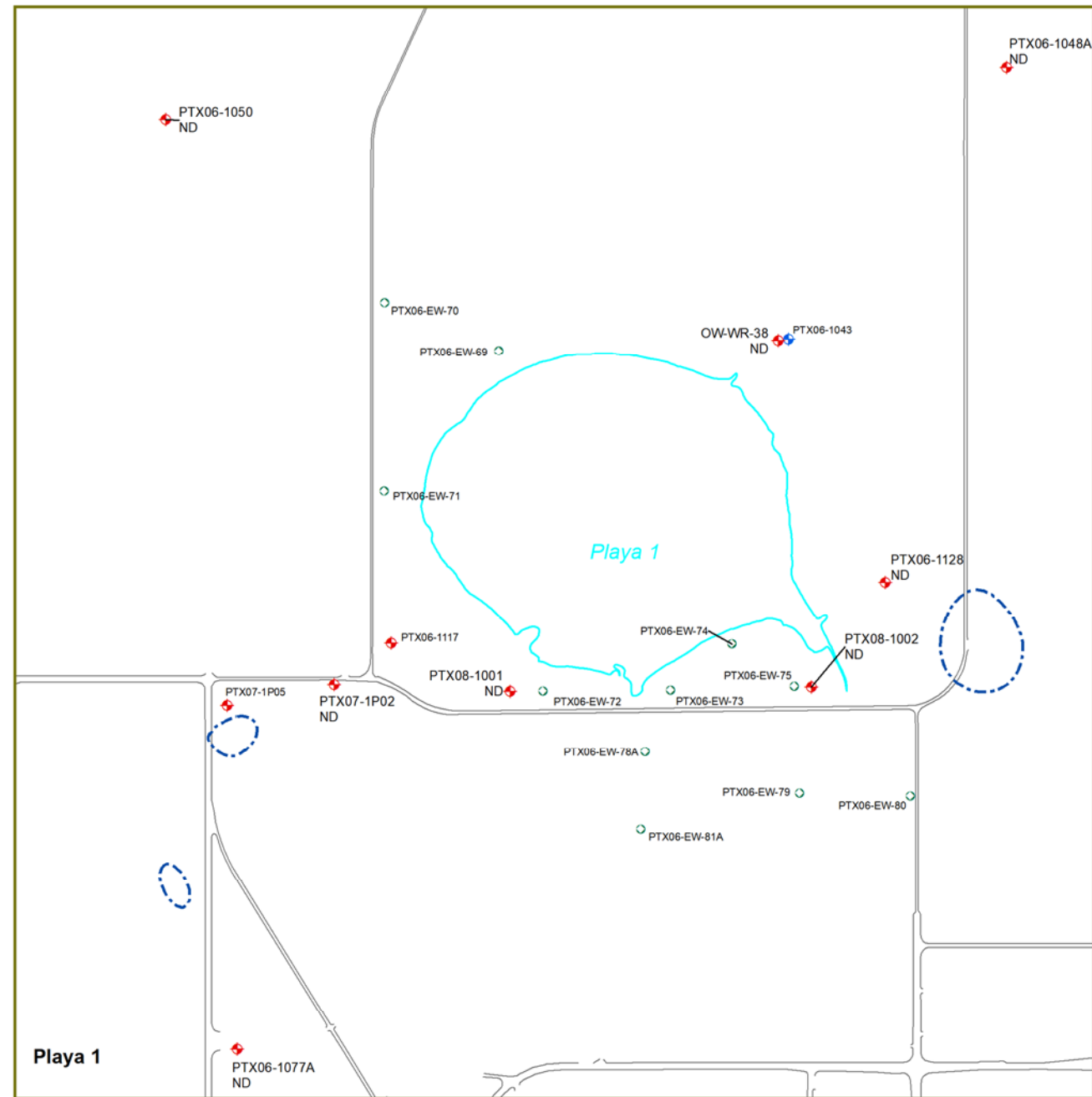
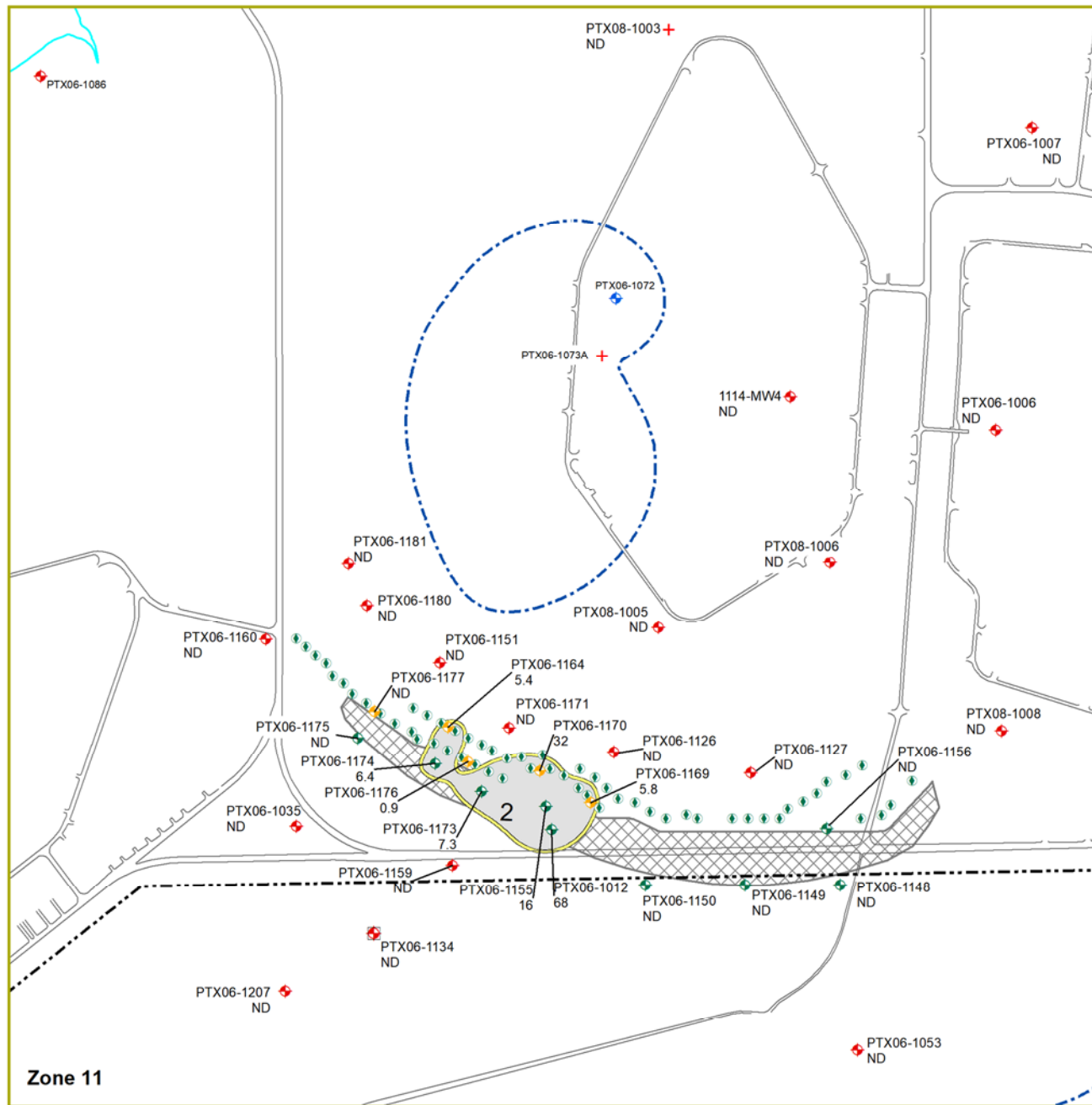


Annual Progress Report
USDOE/NNSA Pantex Plant
June 2021

Trichloroethene
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps

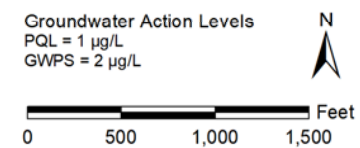






Legend

- | | | | |
|------------------------|--------------------------------|--|----------------------------------|
| Perched Wells | Injection | Ogallala Wells | USDOE/NNSA Property |
| Point of Compliance | Treatment Zone Monitoring | Monitoring | Playas |
| Monitoring | In Situ Performance Monitoring | Pantex Water Supply | Vinyl Chloride Isoconcentrations |
| Undeveloped Monitoring | In Situ Bioremediation | Point of Exposure | 2 µg/L |
| Dry | ISB Extraction | Point of Compliance | Area under ISB Influence |
| Extraction | | Approximate Extent of Perched Saturation | |



Annual Progress Report
USDOE/NNSA Pantex Plant
June 2021

Vinyl Chloride
2020 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps

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Appendix G
Well Certifications and
Completion Diagrams

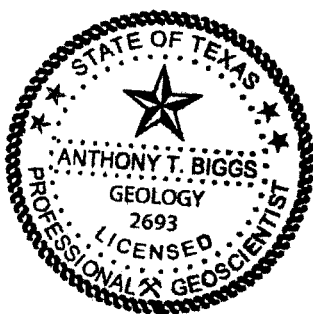
U.S. Department of Energy/National Nuclear Security Administration – Pantex Plant
Amarillo, Texas


Certification of Well Construction
Industrial Solid Waste Registration No. 30459
Hazardous Waste Permit No. 50284
EPA Identification No. TX4890110527

Certification Statement:

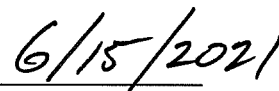
This is to certify that the construction of the following facility components authorized or required by Texas Commission On Environmental Quality HW-50284 Provision XI Compliance Plan has been completed, and that construction of said components has been performed in accordance with and in compliance with the design and construction specifications of Provision XI, Compliance Plan Attachment C, of HW-50284:

- Construction of Long-Term Monitoring Observation well PTX06-1208.
- Construction of ISB injection wells PTX06-ISB326A, PTX06-ISB327, PTX06-ISB328, PTX06-ISB329, PTX06-ISB401, PTX06-ISB402, PTX06-ISB403, PTX06-ISB404, PTX06-ISB405, PTX06-ISB406, PTX06-ISB407, PTX06-ISB408, PTX06-ISB409, PTX06-ISB410, PTX06-ISB411, PTX06-ISB412, PTX06-ISB413, PTX06-ISB414, PTX06-ISB415, and PTX06-ISB416.
- Construction of mobile pump and treat wells PTX06-MEW401, PTX06-MEW402, and PTX06-MEW403.
- Construction of ISB recovery wells PTX06-REC401, PTX06-REC402, PTX06-REC403, PTX06-REC404, PTX06-REC405, PTX06-REC406, PTX06-REC407, PTX06-REC408, PTX06-REC409, PTX06-REC410, and PTX06-REC411.





Tony Biggs



Date

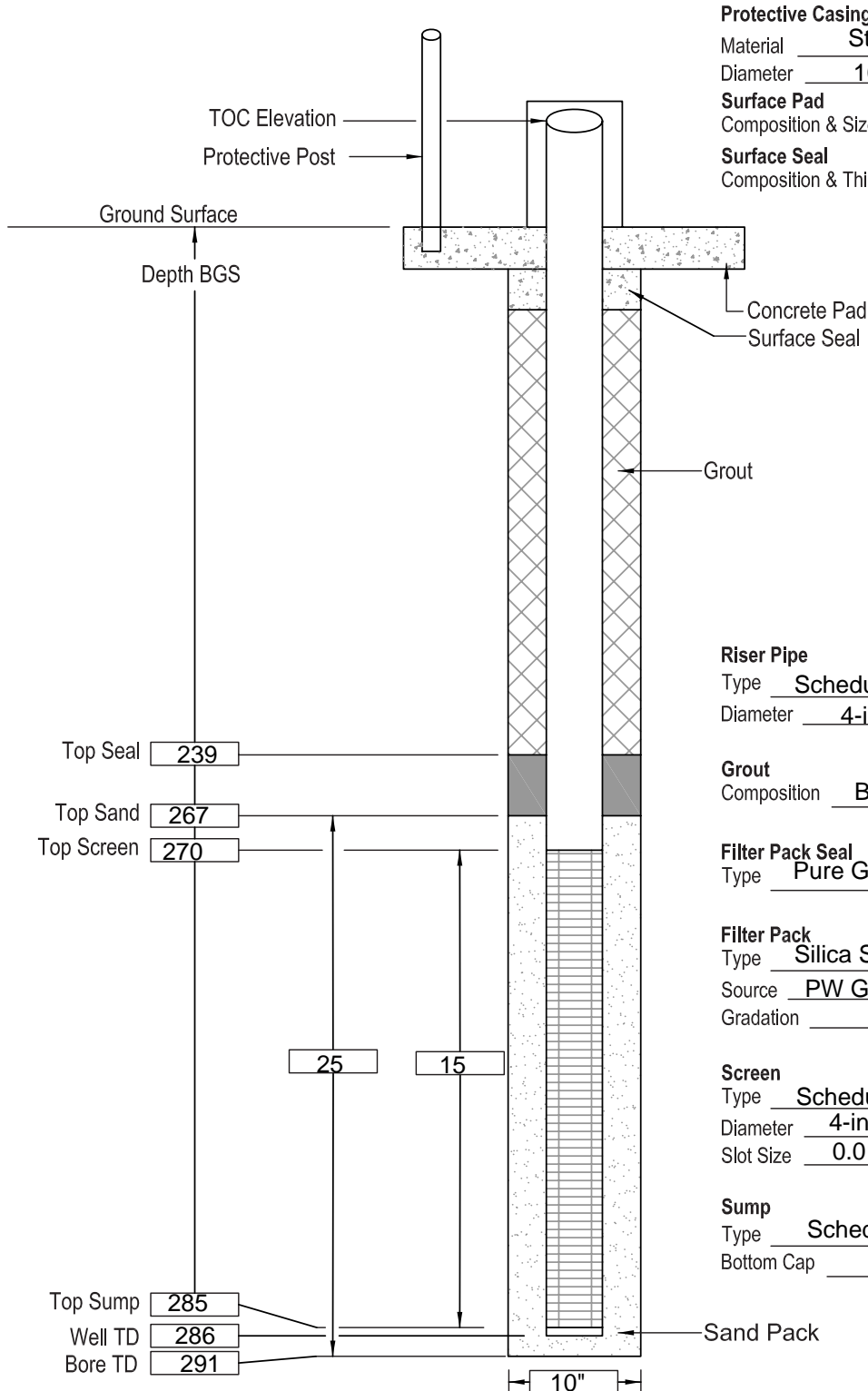
Licensed Professional Geologist No. 2693
Environmental Projects
Consolidated Nuclear Security, LLC

Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farms
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749472.60 E652081.58
 TOC Elevation: 3510.11
 Surface Elevation: 3508.04

Well No: PTX06-1208
 Well Type: Investigative
 Date Constructed: 4-26-2020
 Observed By: R Hill

Sheet 1 of 1



Protective Casing

Material Steel
 Diameter 10-inches

Surface Pad

Composition & Size 5' x 5' x 8" concrete

Surface Seal

Composition & Thickness Concrete - 2'

Riser Pipe

Type Schedule 80 PVC
 Diameter 4-inch

Grout

Composition Bentonite Qwik Grout

Filter Pack Seal

Type Pure Gold Bentonite Chips - Medium

Filter Pack

Type Silica Sand
 Source PW Gillibrand, Brady, Texas
 Gradation 10-20

Screen

Type Schedule 80 PVC
 Diameter 4-inch
 Slot Size 0.010

Sump

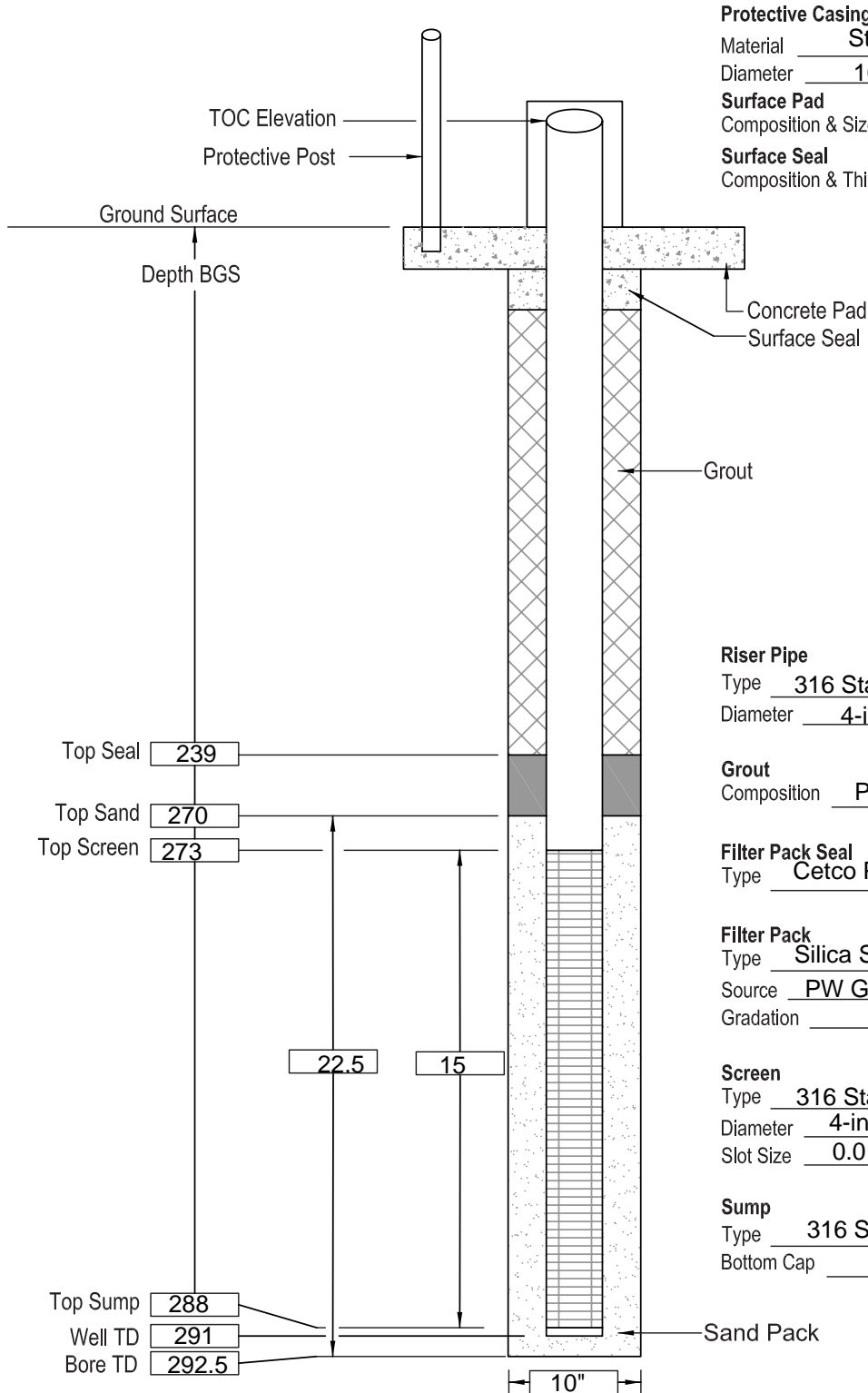
Type Schedule 80 PVC
 Bottom Cap 1' length

Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: SE ISB Extension
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3751382.33 E649069.98
 TOC Elevation: 3517.09
 Surface Elevation: 3515.12

Well No: PTX06-ISB326A
 Well Type: ISB Injection
 Date Constructed: 10-07-2020
 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 316 Stainless Steel
 Diameter 4-inch

Grout
 Composition Portland Cement w/5% Bentonite

Filter Pack Seal
 Type Cetco Pure Gold Bentonite Chips - Medium

Filter Pack
 Type Silica Sand
 Source PW Gillibrand, Brady, Texas
 Gradation 10--20

Screen
 Type 316 Stainless Steel wire-wrapped
 Diameter 4-inch
 Slot Size 0.010

Sump
 Type 316 Stainless Steel w/Stainless Steel Cap
 Bottom Cap 3' length welded

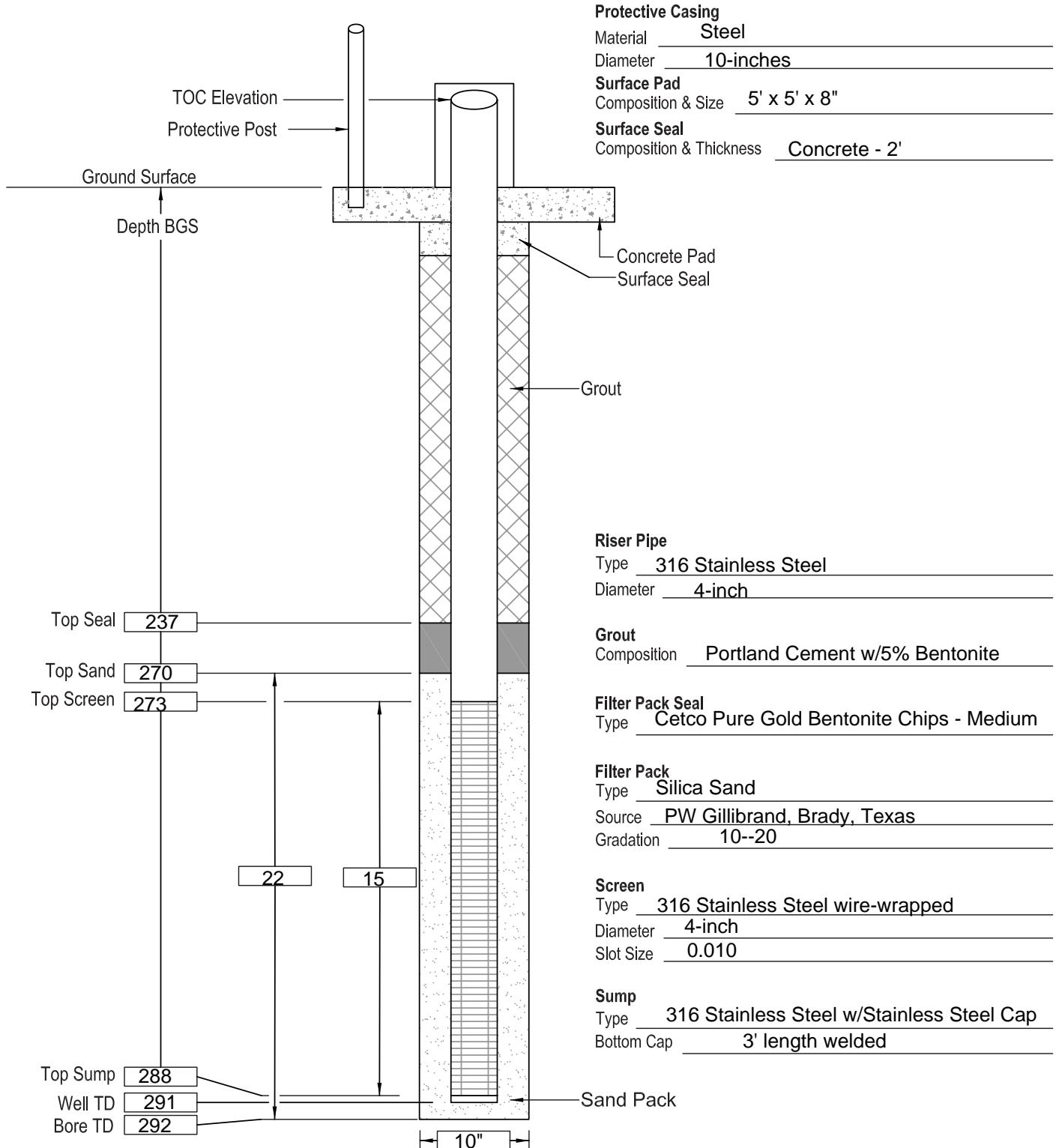
Sand Pack

Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: SE ISB Extension
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3751459.62 E649090.60
 TOC Elevation: 3517.34
 Surface Elevation: 3515.34

Well No: PTX06-ISB327
 Well Type: ISB Injection
 Date Constructed: 10-15-2020
 Observed By: J Ford

Sheet 1 of 1

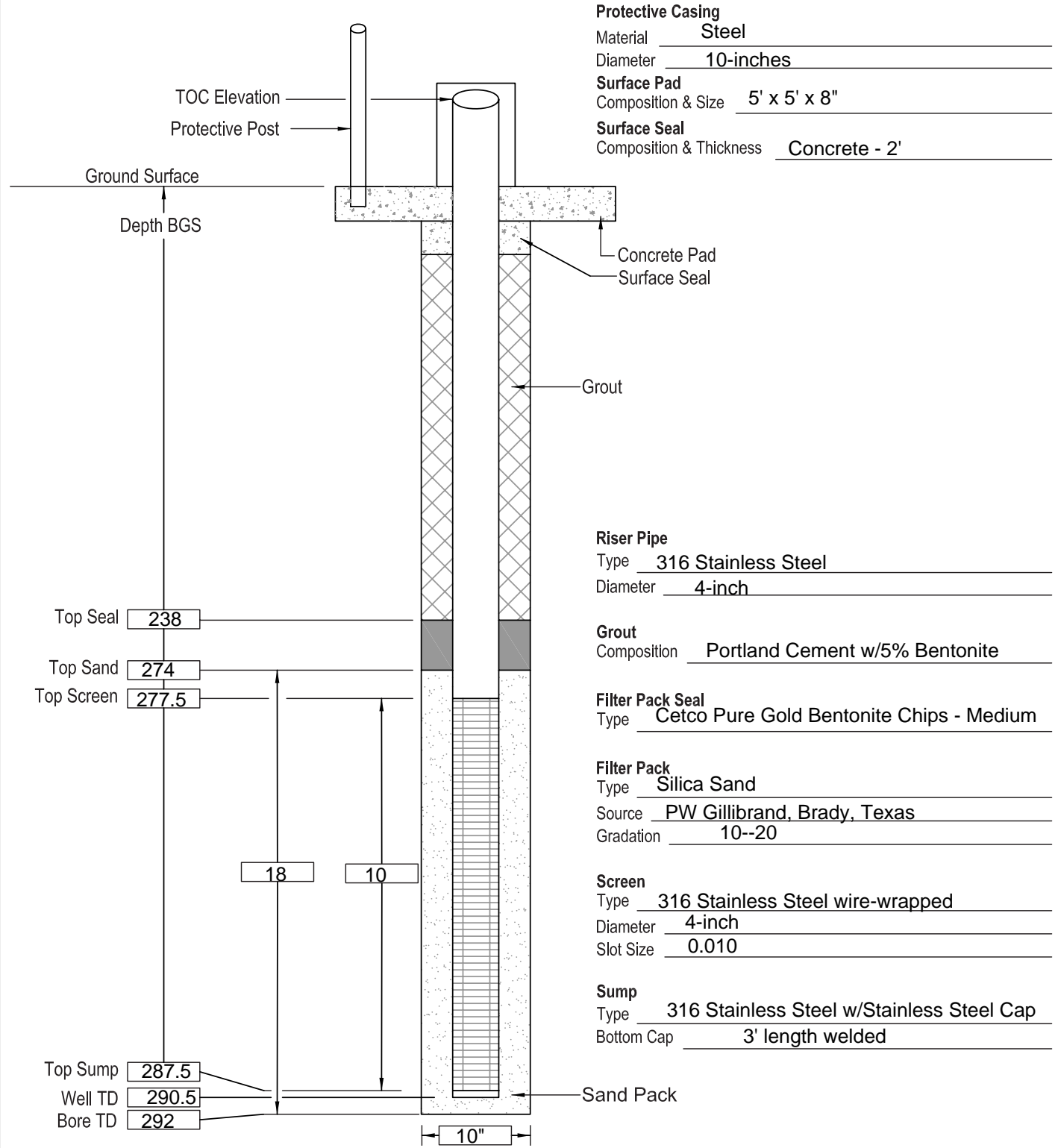


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: SE ISB Extension
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3751534.22 E649090.73
 TOC Elevation: 3517.57
 Surface Elevation: 3515.62

Well No: PTX06-ISB328
 Well Type: ISB Injection
 Date Constructed: 10-17 + 10-18-2020
 Observed By: J Ford

Sheet 1 of 1

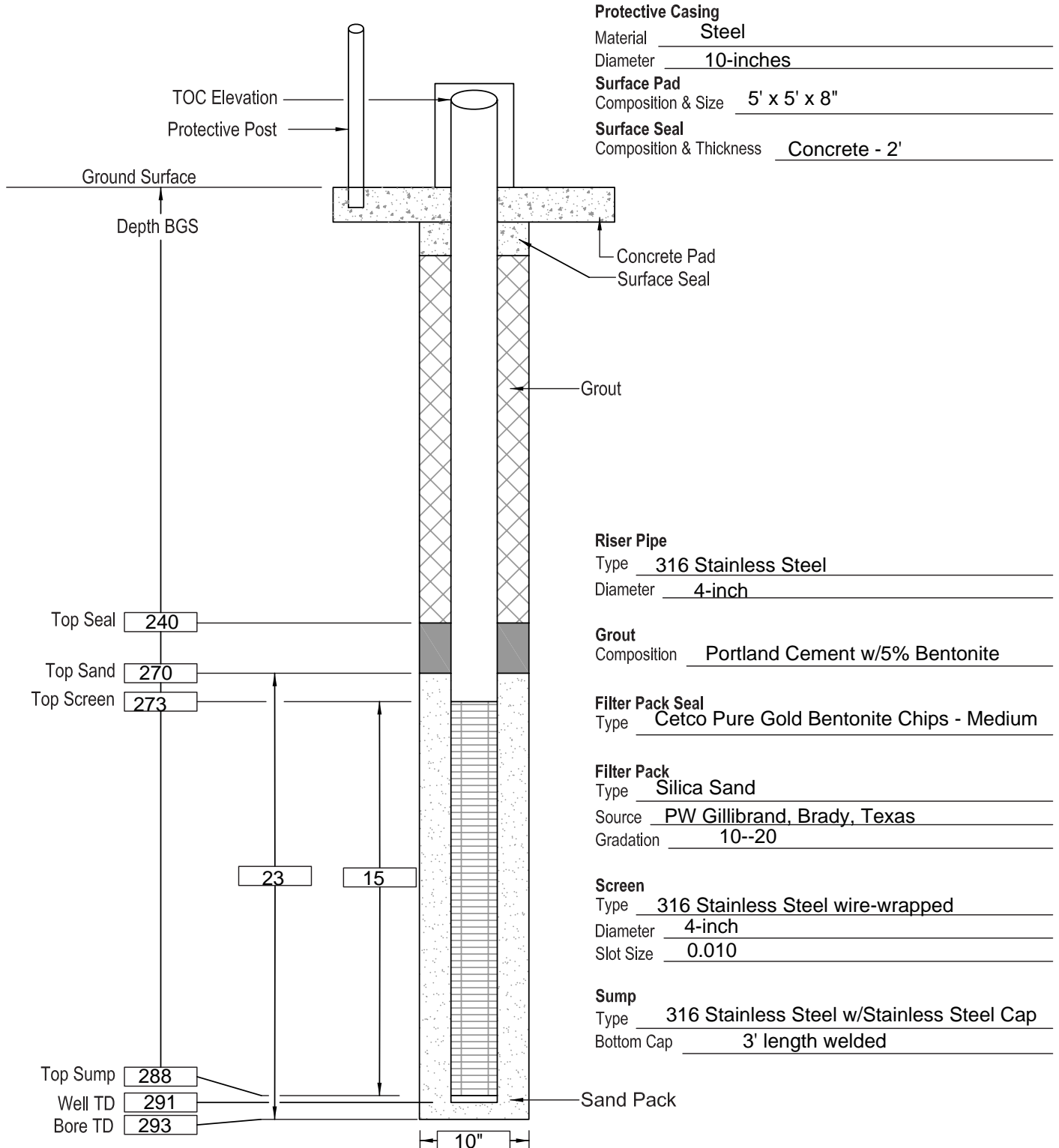


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: SE ISB Extension
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3751609.51 E649091.36
 TOC Elevation: 3517.87
 Surface Elevation: 3515.85

Well No: PTX06-ISB329
 Well Type: ISB Injection
 Date Constructed: 10-20-2020
 Observed By: J Ford

Sheet 1 of 1

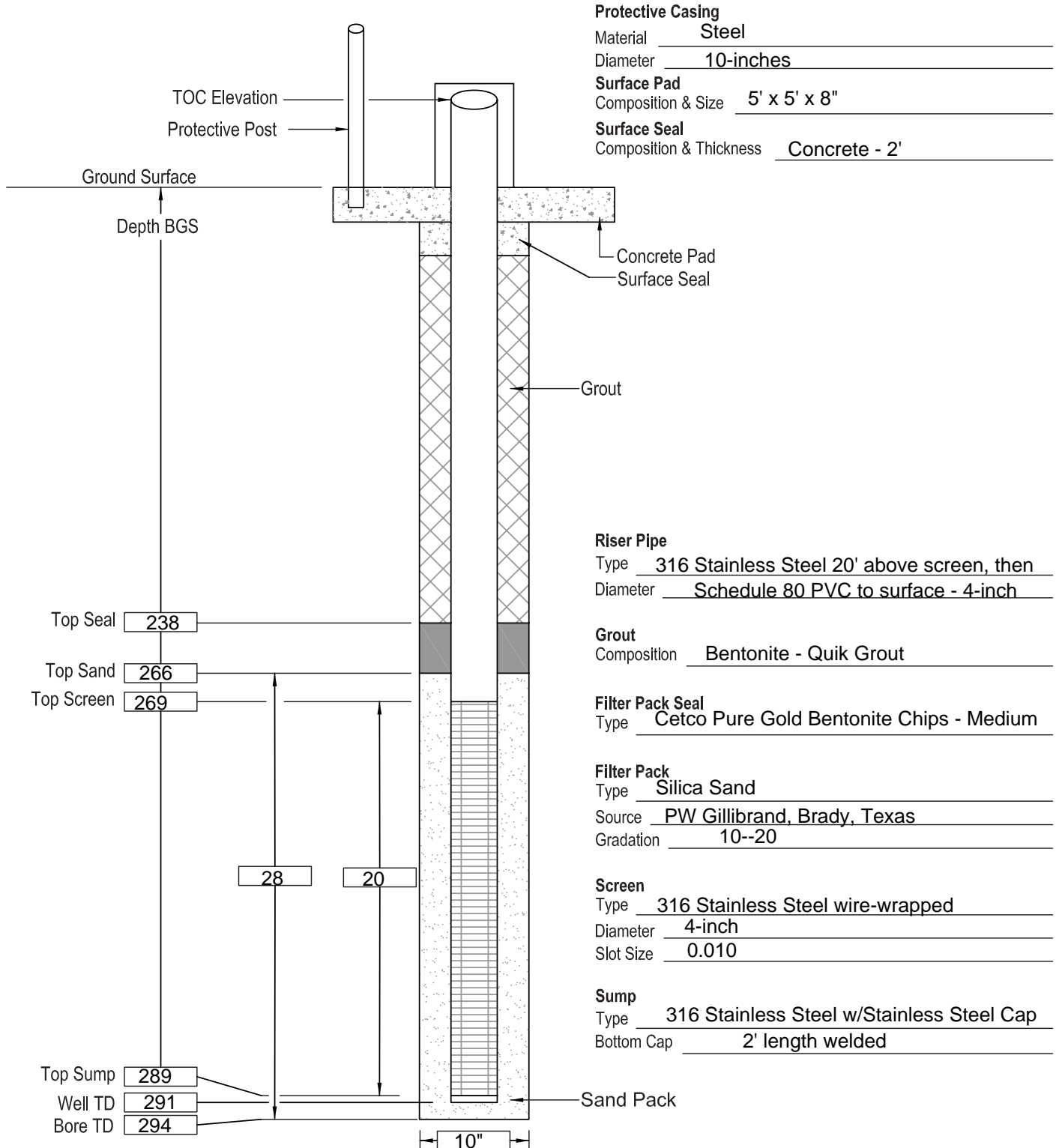


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749151.58 E650711.91
 TOC Elevation: 3510.26
 Surface Elevation: 3508.20

Well No: PTX06-ISB401
 Well Type: ISB Injection
 Date Constructed: 06-11 & 6-12-2020
 Observed By: J Ford

Sheet 1 of 1

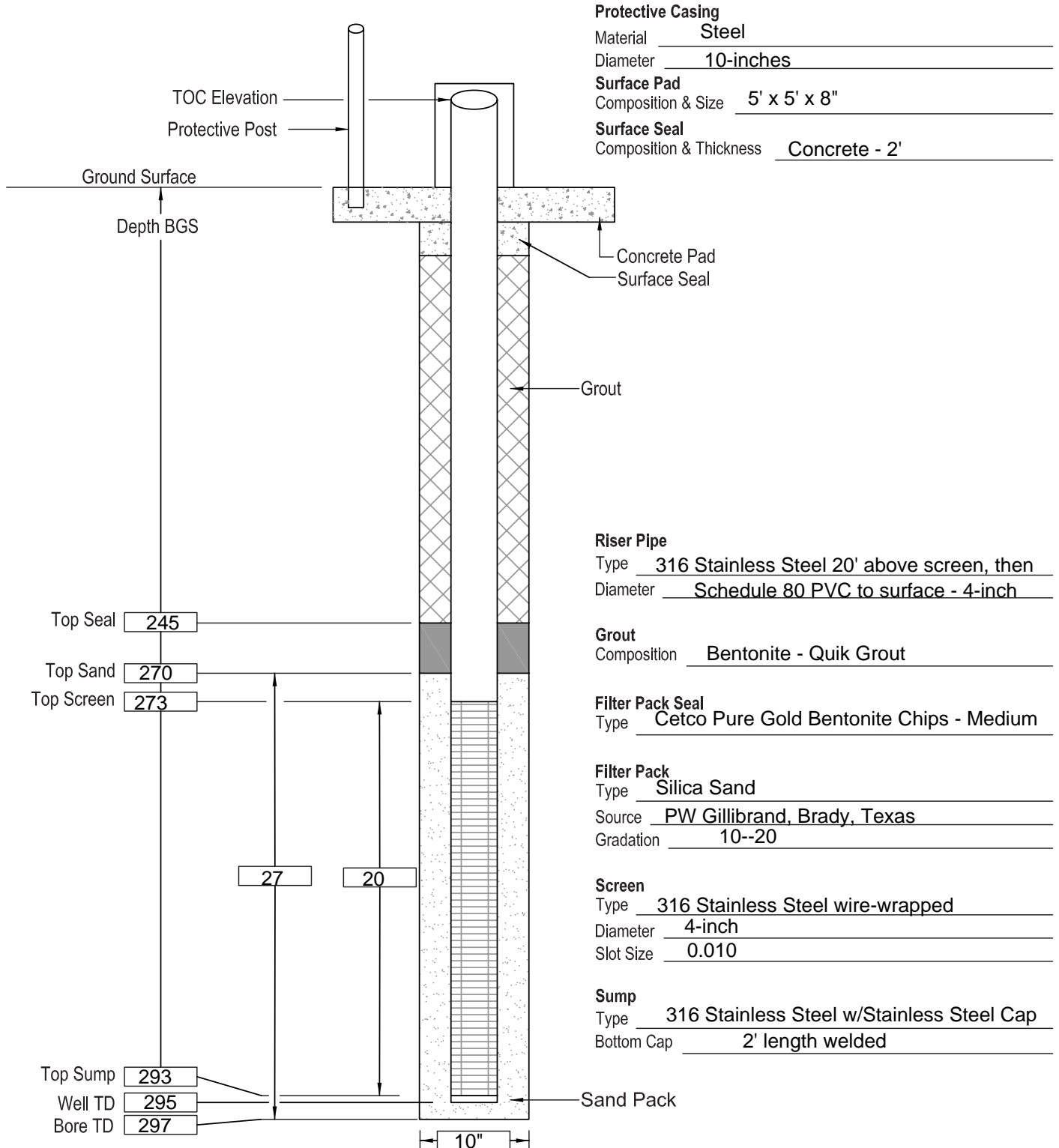


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749189.00 E650776.49
 TOC Elevation: 3510.48
 Surface Elevation: 3508.46

Well No: PTX06-ISB402
 Well Type: ISB Injection
 Date Constructed: 05-27-2020
 Observed By: J Ford

Sheet 1 of 1

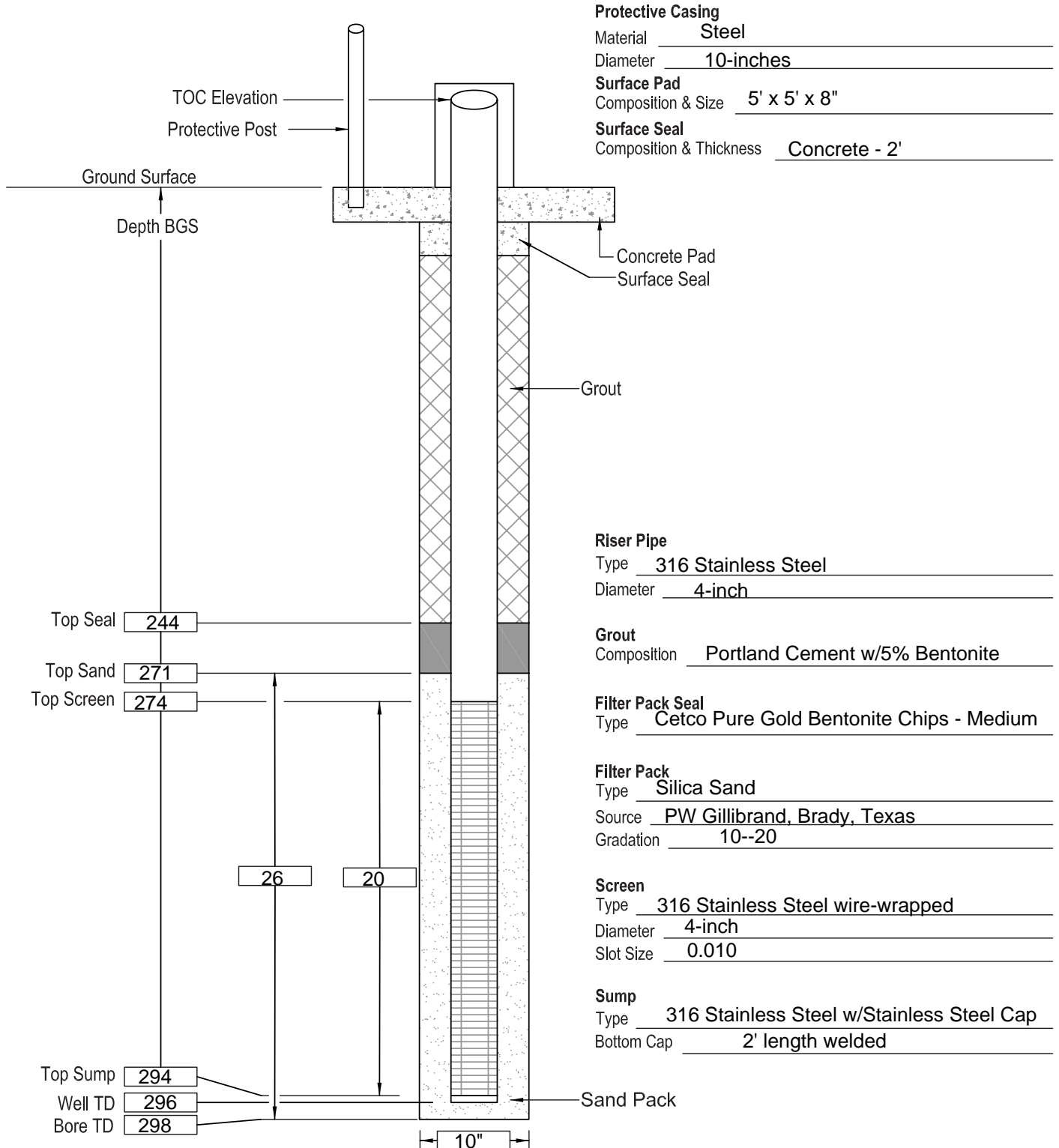


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749226.42 E650841.82
 TOC Elevation: 3510.51
 Surface Elevation: 3508.46

Well No: PTX06-ISB403
 Well Type: ISB Injection
 Date Constructed: 05-29-2020
 Observed By: J Ford

Sheet 1 of 1

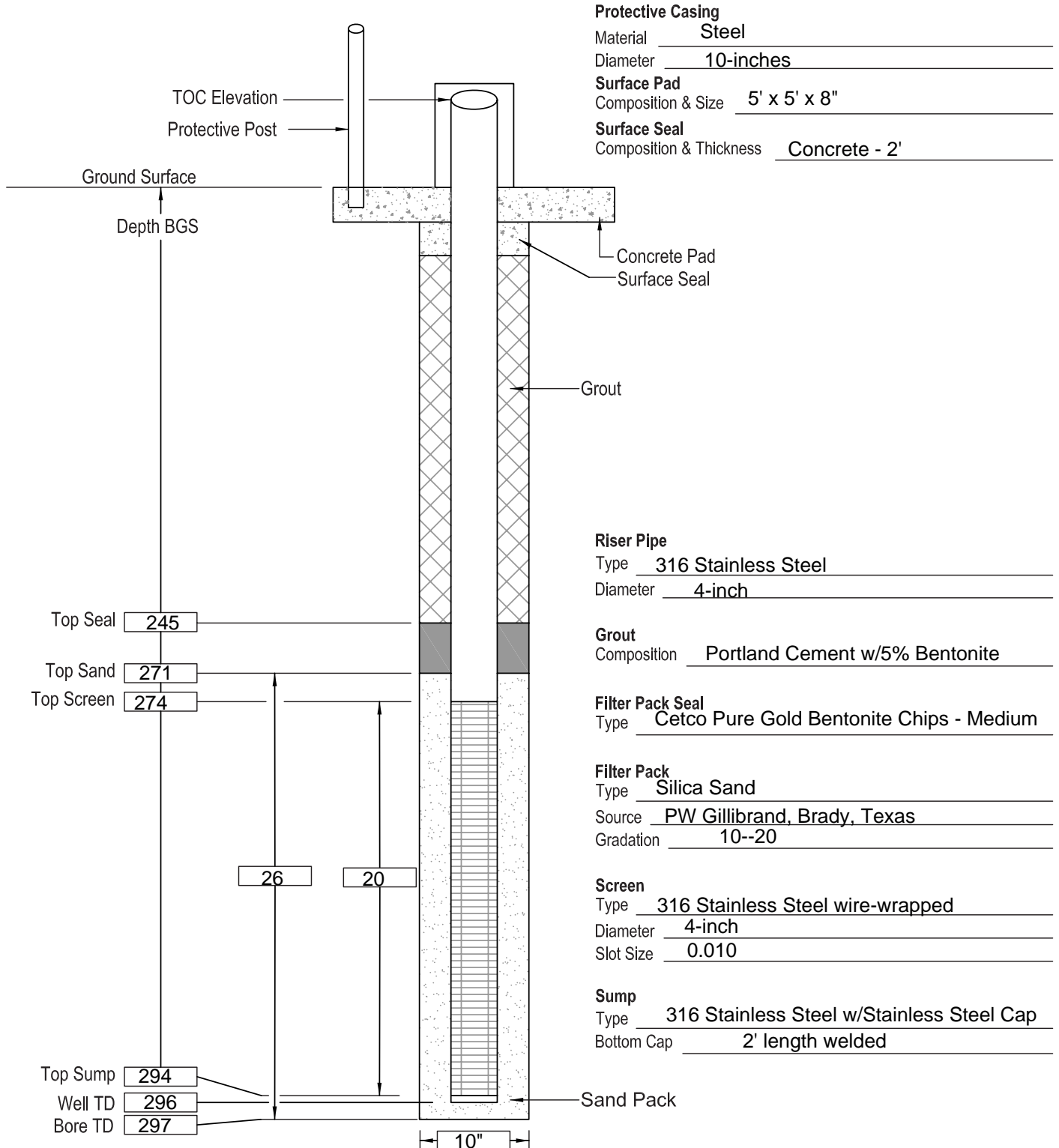


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749264.00 E650906.57
 TOC Elevation: 3510.41
 Surface Elevation: 3508.27

Well No: PTX06-ISB404
 Well Type: ISB Injection
 Date Constructed: 05-18-2020
 Observed By: R Hill

Sheet 1 of 1

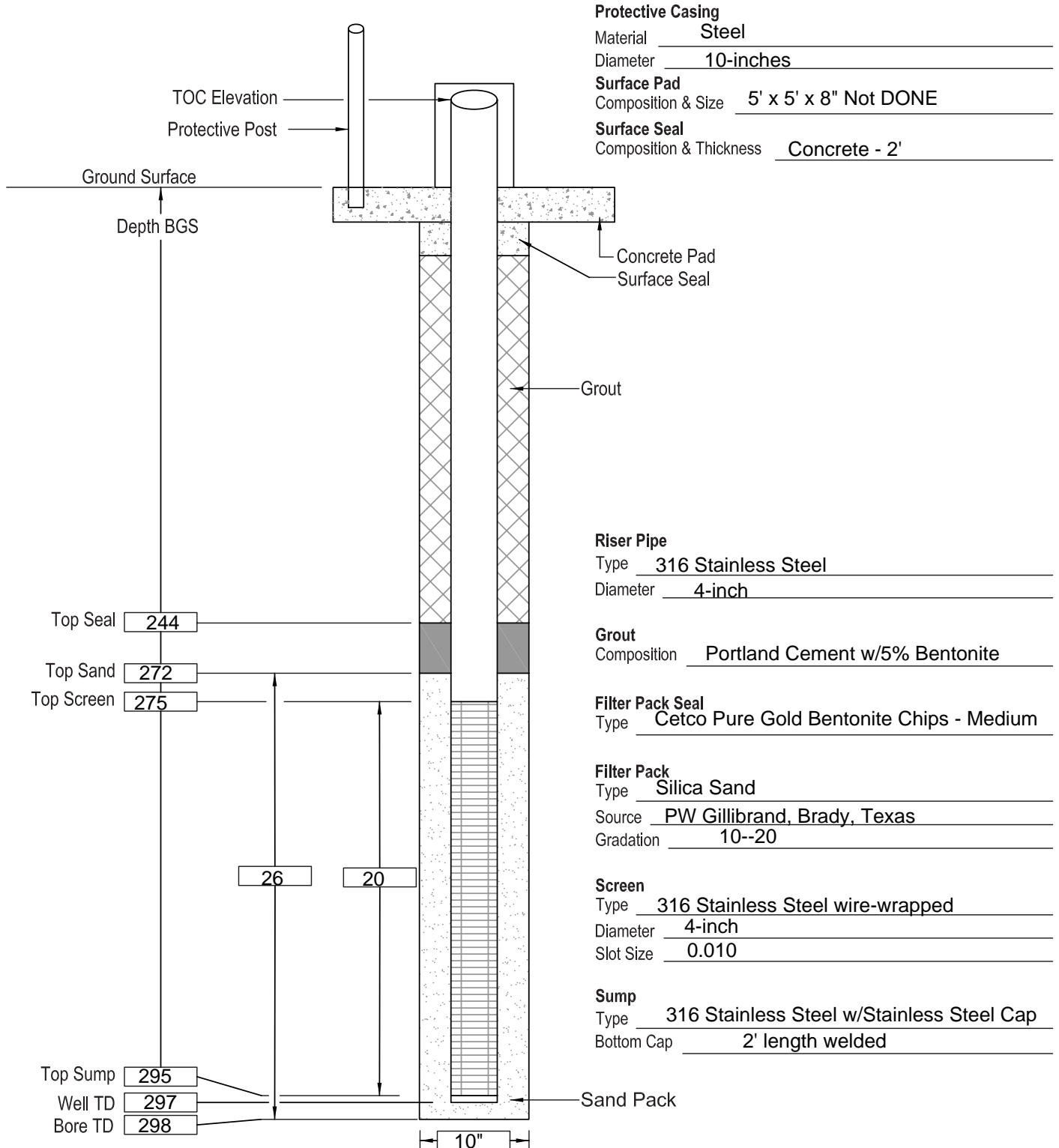


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749300.97 E650972.52
 TOC Elevation: 3510.58
 Surface Elevation: 3508.48

Well No: PTX06-ISB405
 Well Type: ISB Injection
 Date Constructed: 06-02-2020
 Observed By: R Hill

Sheet 1 of 1

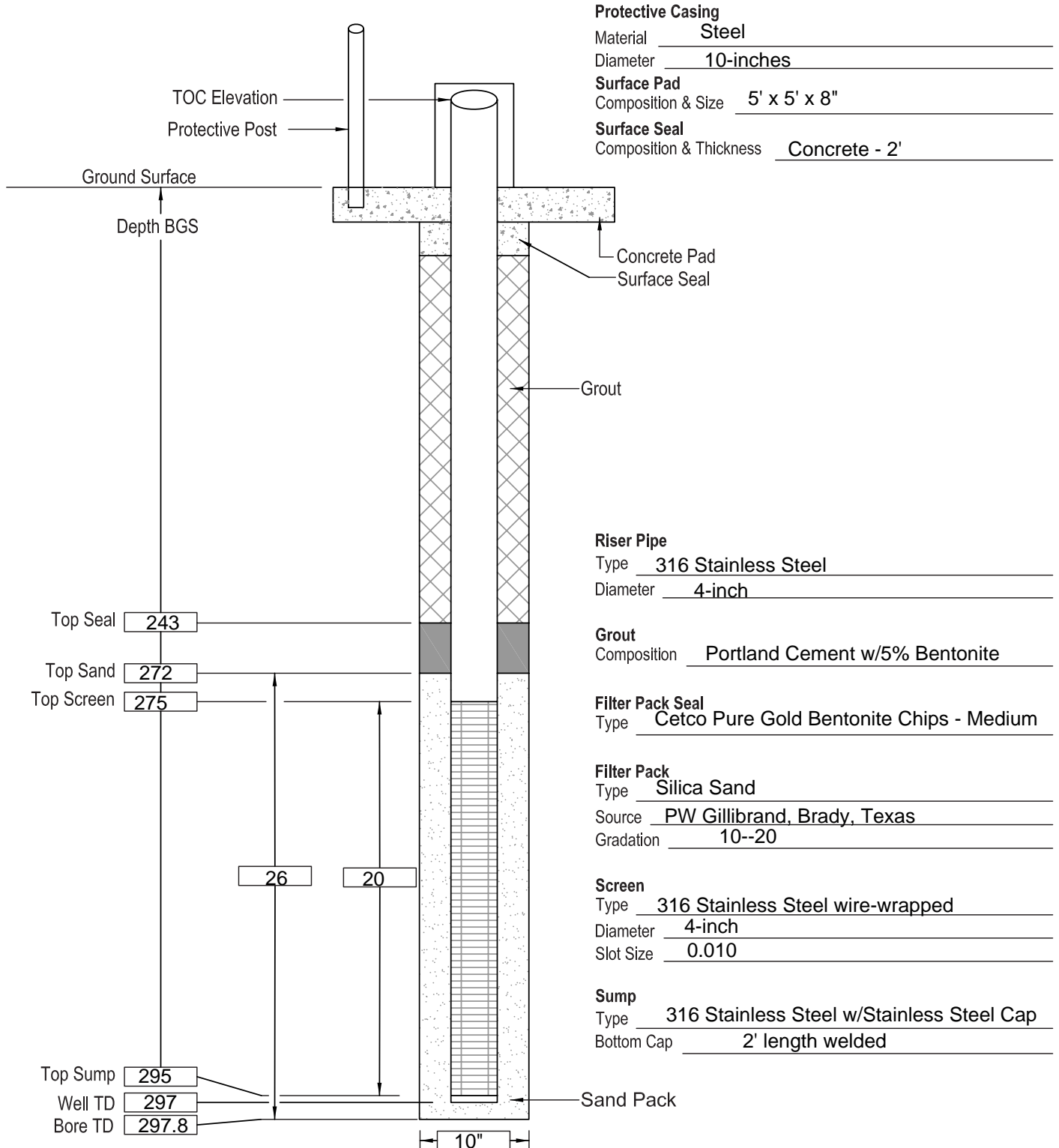


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749338.63 E651036.29
 TOC Elevation: 3510.50
 Surface Elevation: 3508.42

Well No: PTX06-ISB406
 Well Type: ISB Injection
 Date Constructed: 05-13-2020
 Observed By: R Hill

Sheet 1 of 1

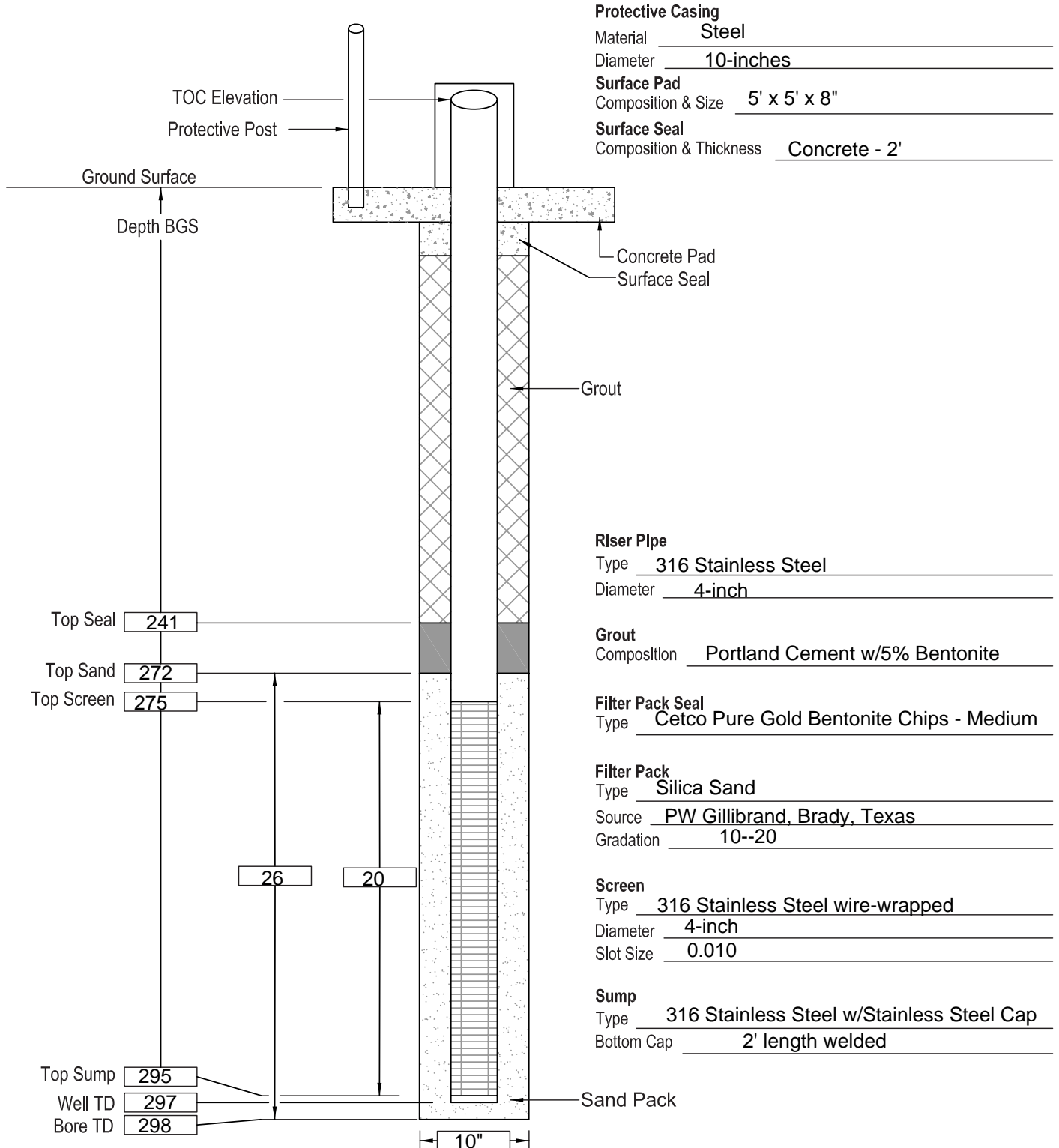


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749376.17 E651101.78
 TOC Elevation: 3510.43
 Surface Elevation: 3508.32

Well No: PTX06-ISB407
 Well Type: ISB Injection
 Date Constructed: 05-19-2020
 Observed By: R Hill

Sheet 1 of 1

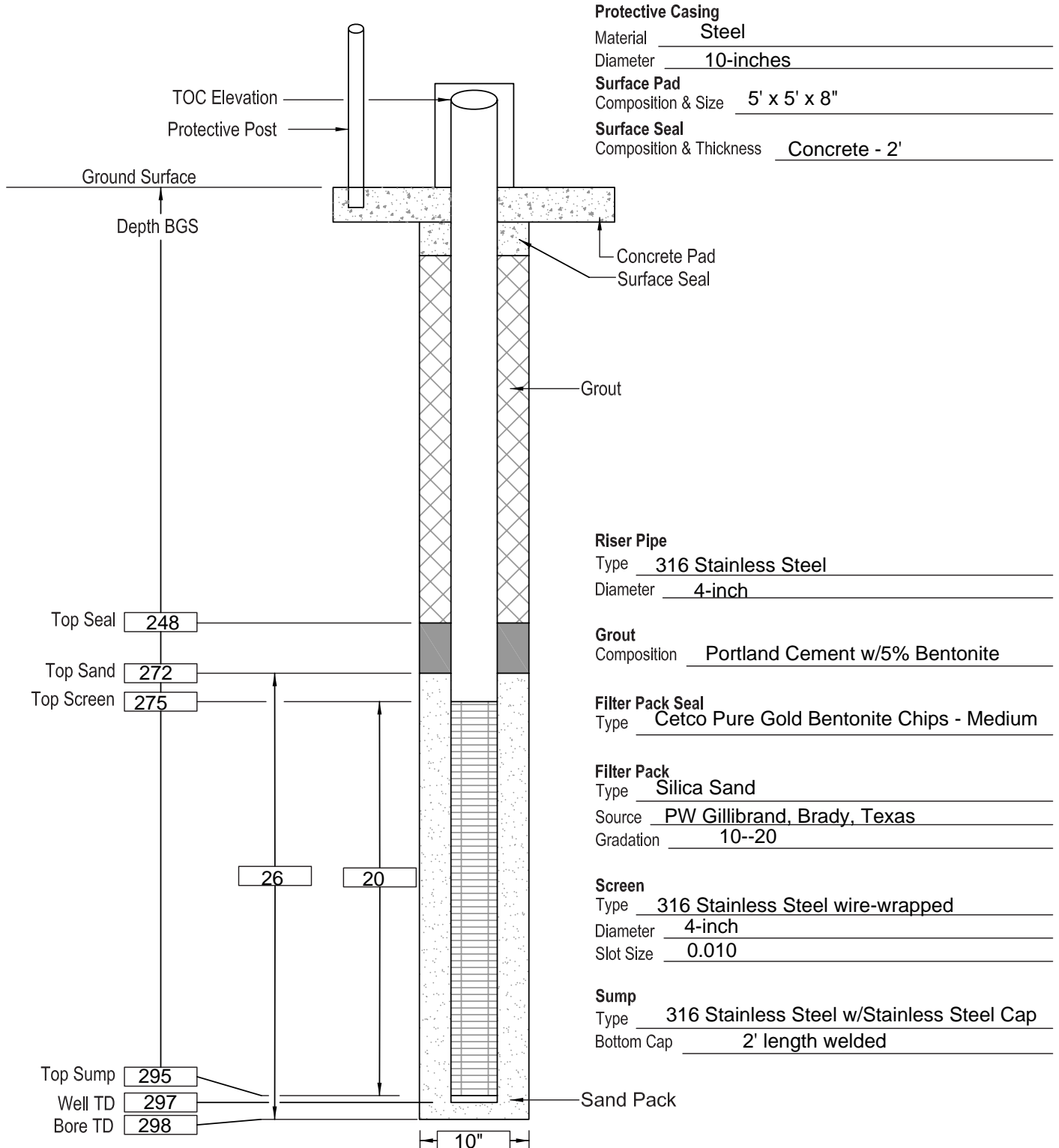


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749413.87 E651187.65
 TOC Elevation: 3510.73
 Surface Elevation: 3508.67

Well No: PTX06-ISB408
 Well Type: ISB Injection
 Date Constructed: 05-15-2020
 Observed By: R Hill

Sheet 1 of 1

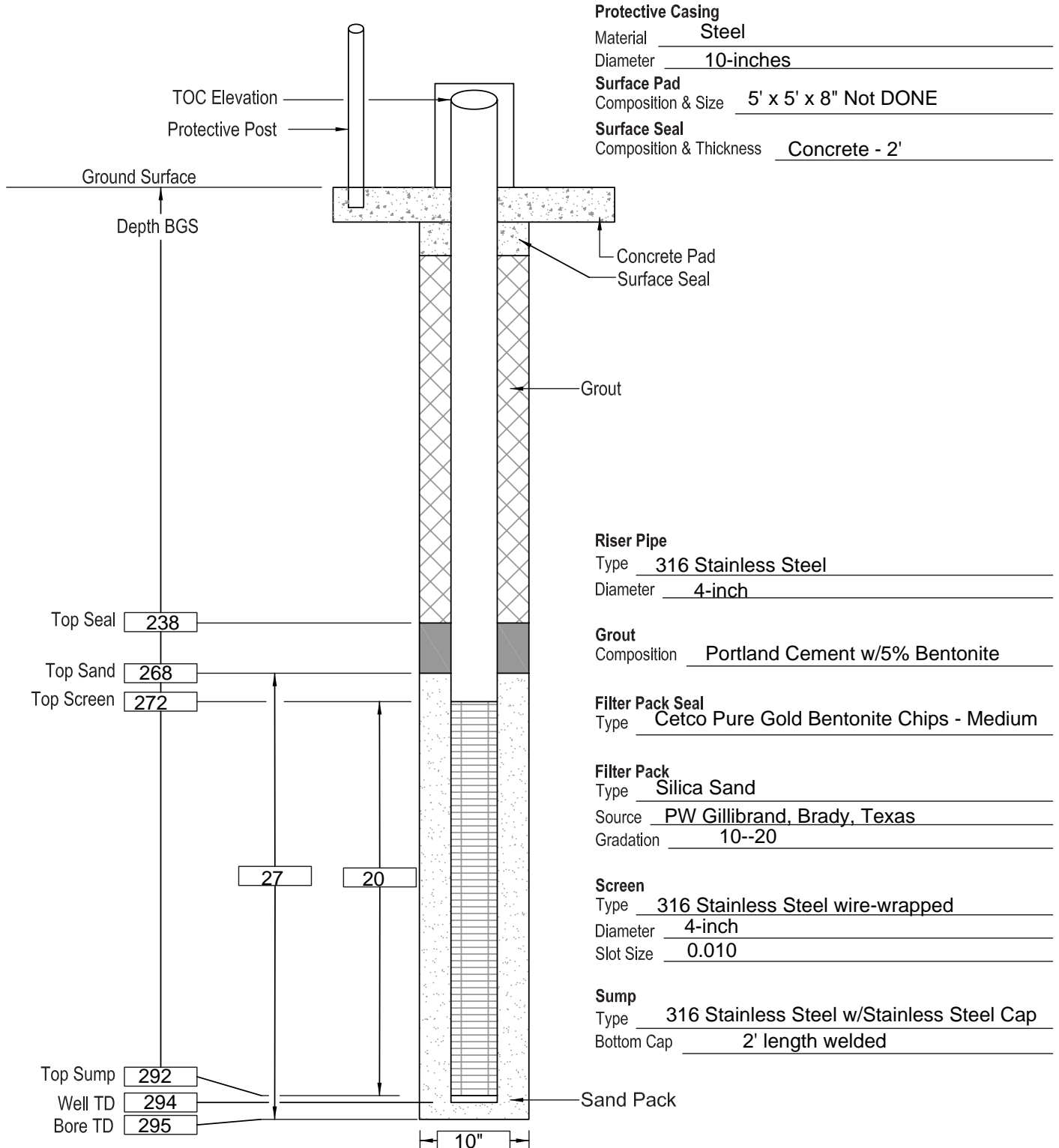


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749451.28 E651231.14
 TOC Elevation: 3510.81
 Surface Elevation: 3508.74

Well No: PTX06-ISB409
 Well Type: ISB Injection
 Date Constructed: 06-09 & 6-10-2020
 Observed By: J Ford

Sheet 1 of 1

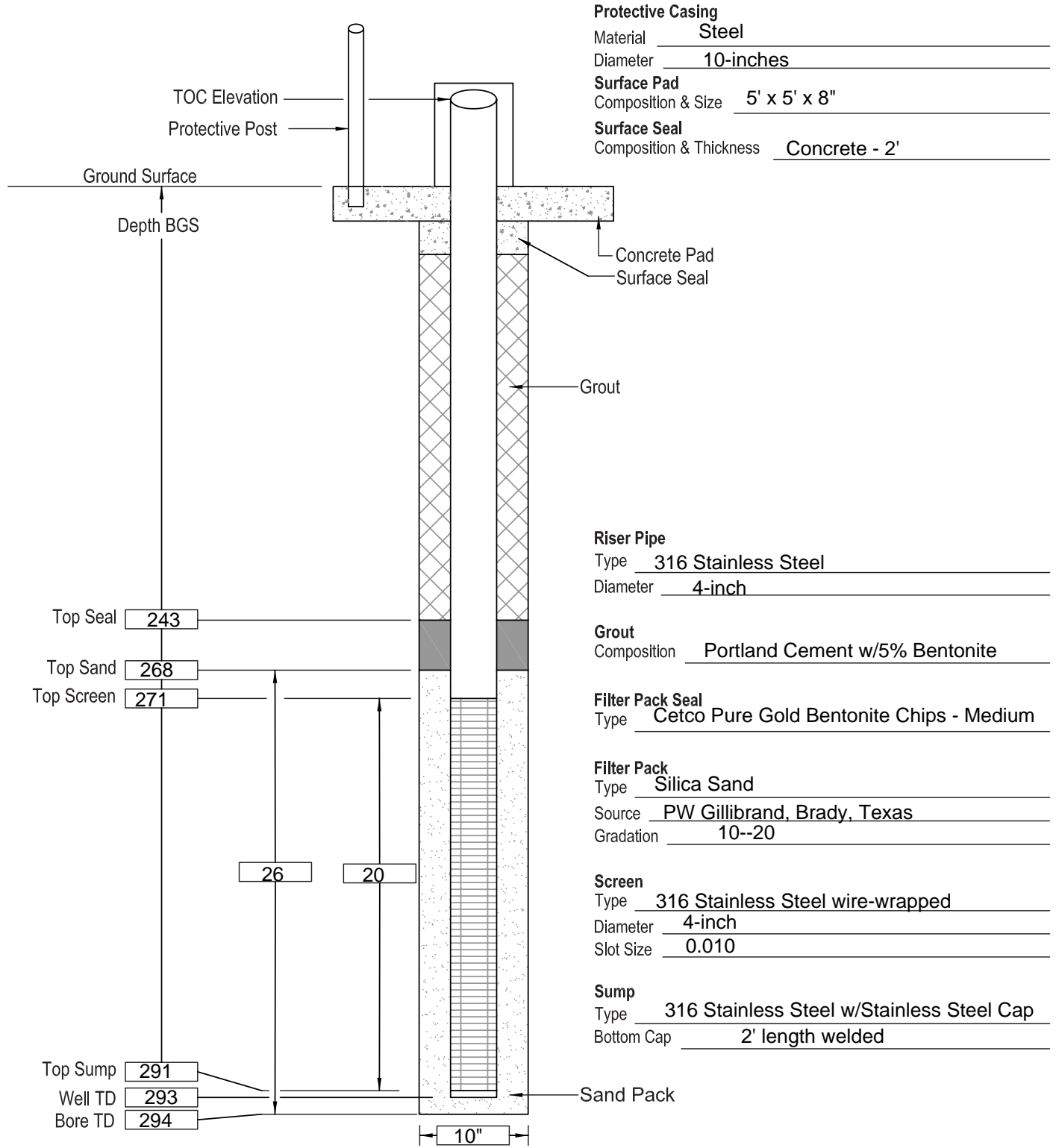


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749487.69 E6351296.89
 TOC Elevation: 3510.89
 Surface Elevation: 3508.87

Well No: PTX06-ISB410
 Well Type: ISB Injection
 Date Constructed: 05-17-2020
 Observed By: R Hill

Sheet 1 of 1

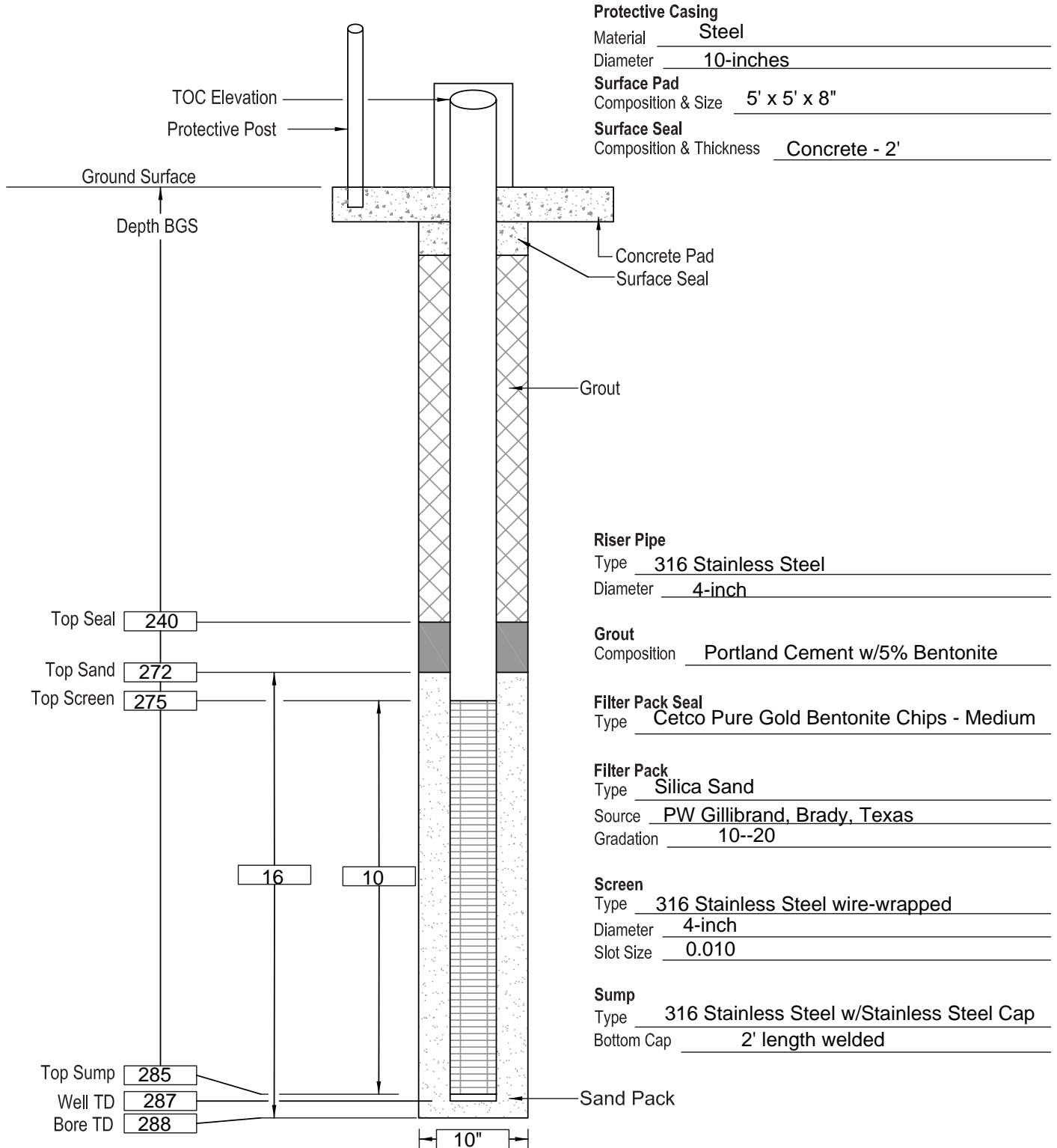


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750358.61 E649369.83
 TOC Elevation: 3513.69
 Surface Elevation: 3511.60

Well No: PTX06-ISB411
 Well Type: ISB Injection
 Date Constructed: 08-21-2020
 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 316 Stainless Steel
 Diameter 4-inch

Grout
 Composition Portland Cement w/5% Bentonite

Filter Pack Seal
 Type Cetco Pure Gold Bentonite Chips - Medium

Filter Pack
 Type Silica Sand
 Source PW Gillibrand, Brady, Texas
 Gradation 10--20

Screen
 Type 316 Stainless Steel wire-wrapped
 Diameter 4-inch
 Slot Size 0.010

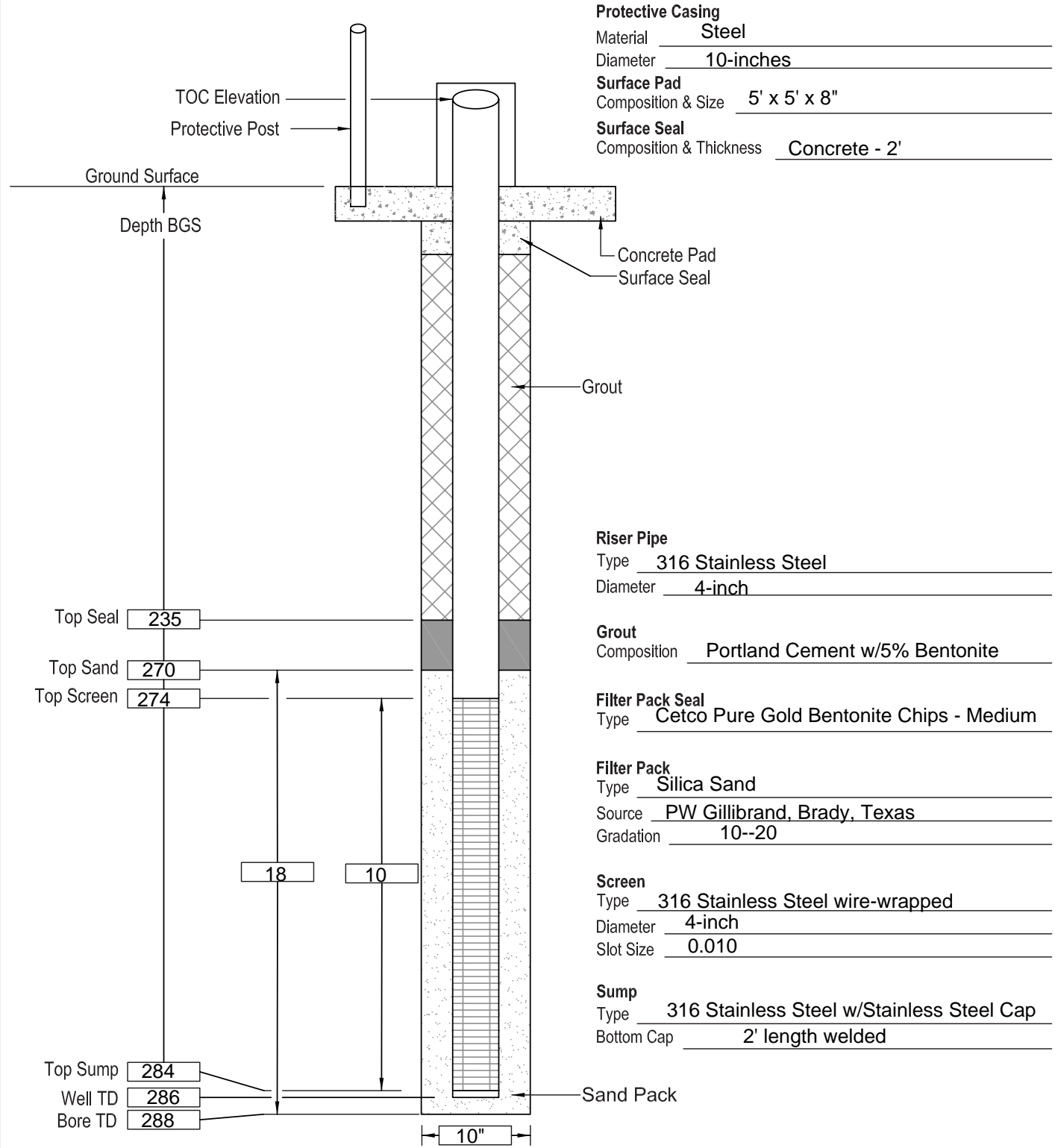
Sump
 Type 316 Stainless Steel w/Stainless Steel Cap
 Bottom Cap 2' length welded

Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750447.35 E649464.65
 TOC Elevation: 3513.78
 Surface Elevation: 3511.79

Well No: PTX06-ISB412
 Well Type: ISB Injection
 Date Constructed: 08-24-2020
 Observed By: J Ford

Sheet 1 of 1

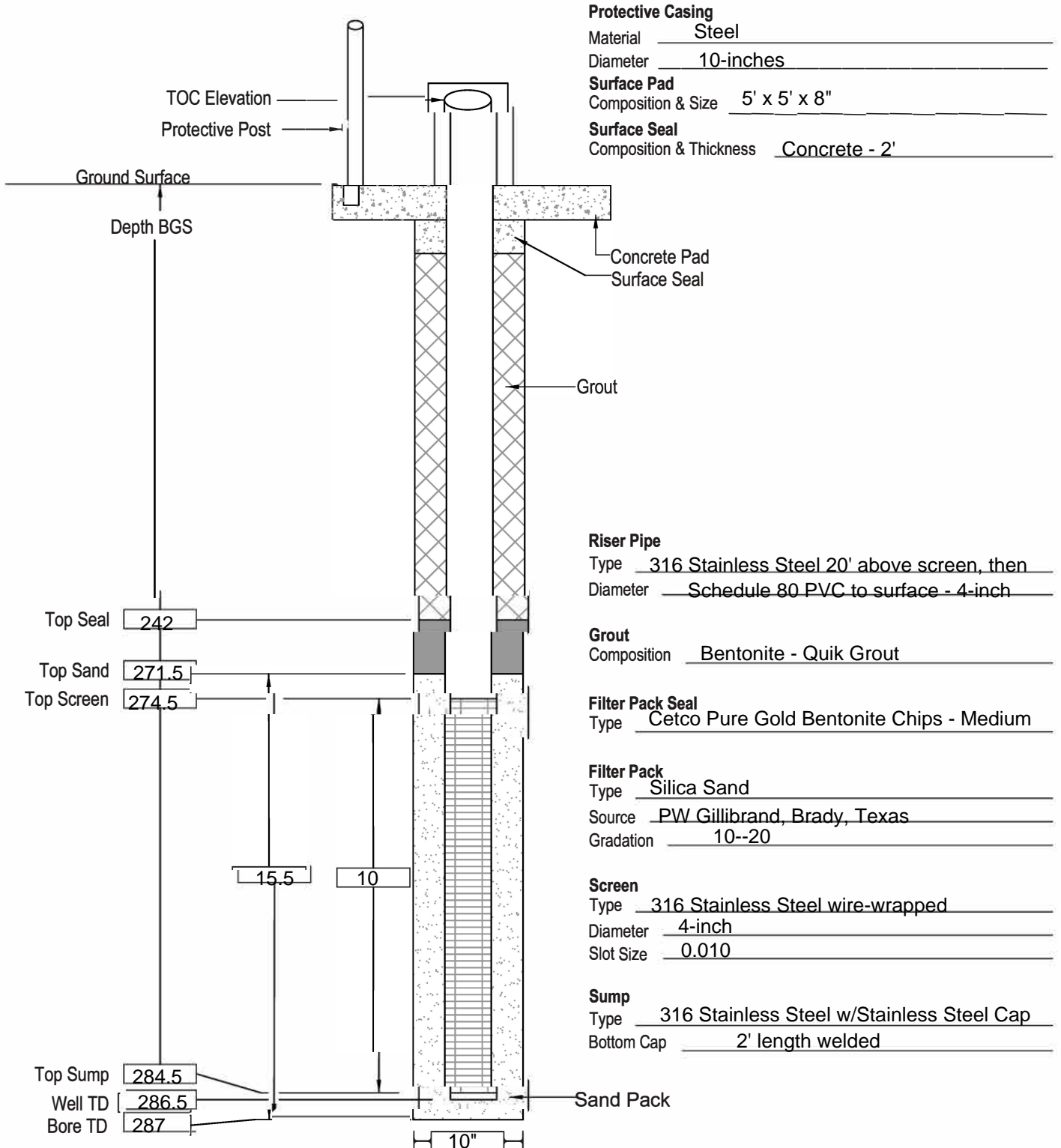


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750534.6 E649562.2
 TOC Elevation: 3153.68 ft
 Surface Elevation: 2511.6

Well No: PTX06-ISB413
 Well Type: ISB Injection
 Date Constructed: 06-18 & 6-25-2020
 Observed By: R Hill & J Ford

Sheet 1 of 1

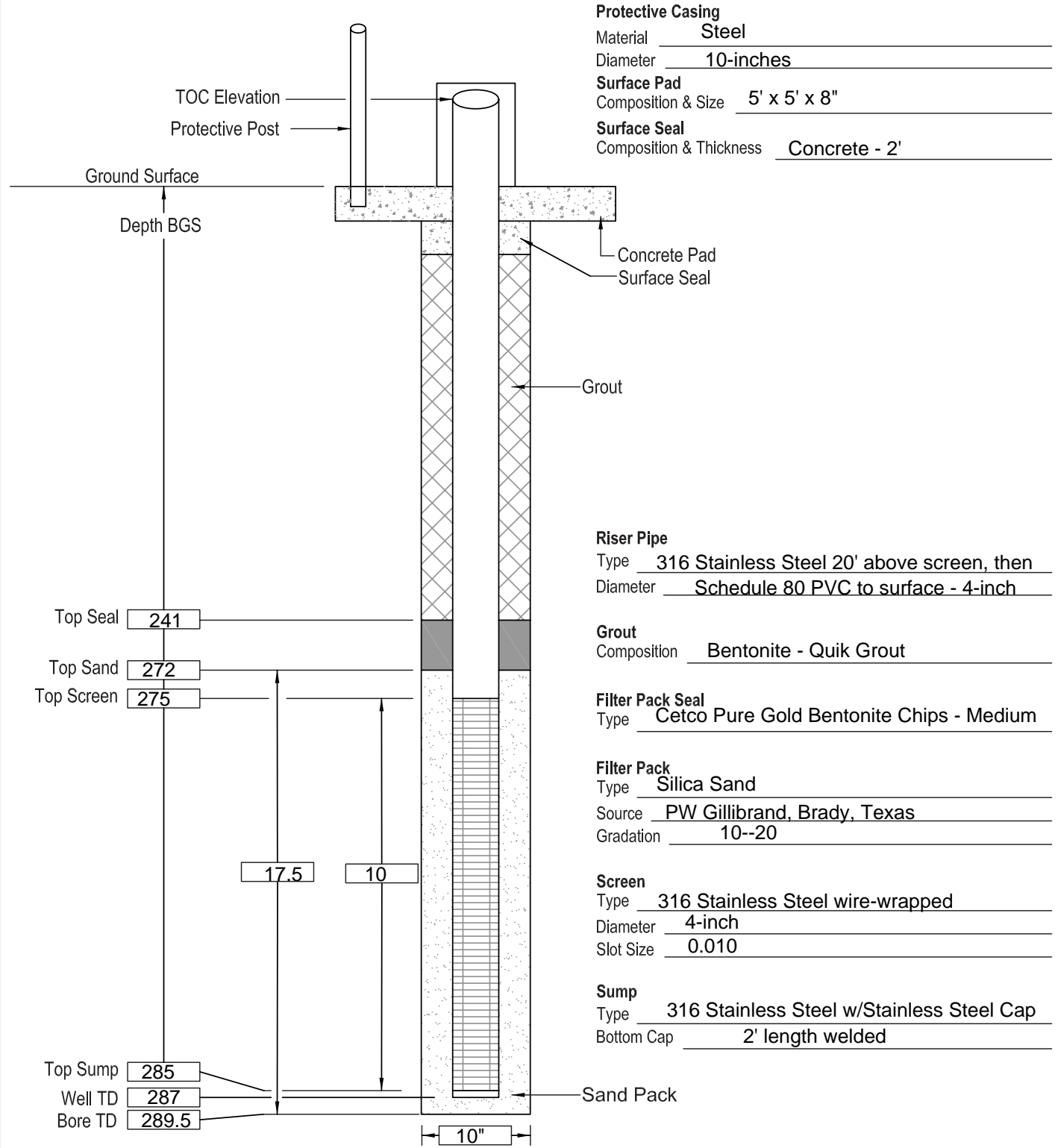


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750642.86 E649662.66
 TOC Elevation: 3513.84
 Surface Elevation: 3511.79

Well No: PTX06-ISB414
 Well Type: ISB Injection
 Date Constructed: 6-27-2020
 Observed By: J Ford

Sheet 1 of 1

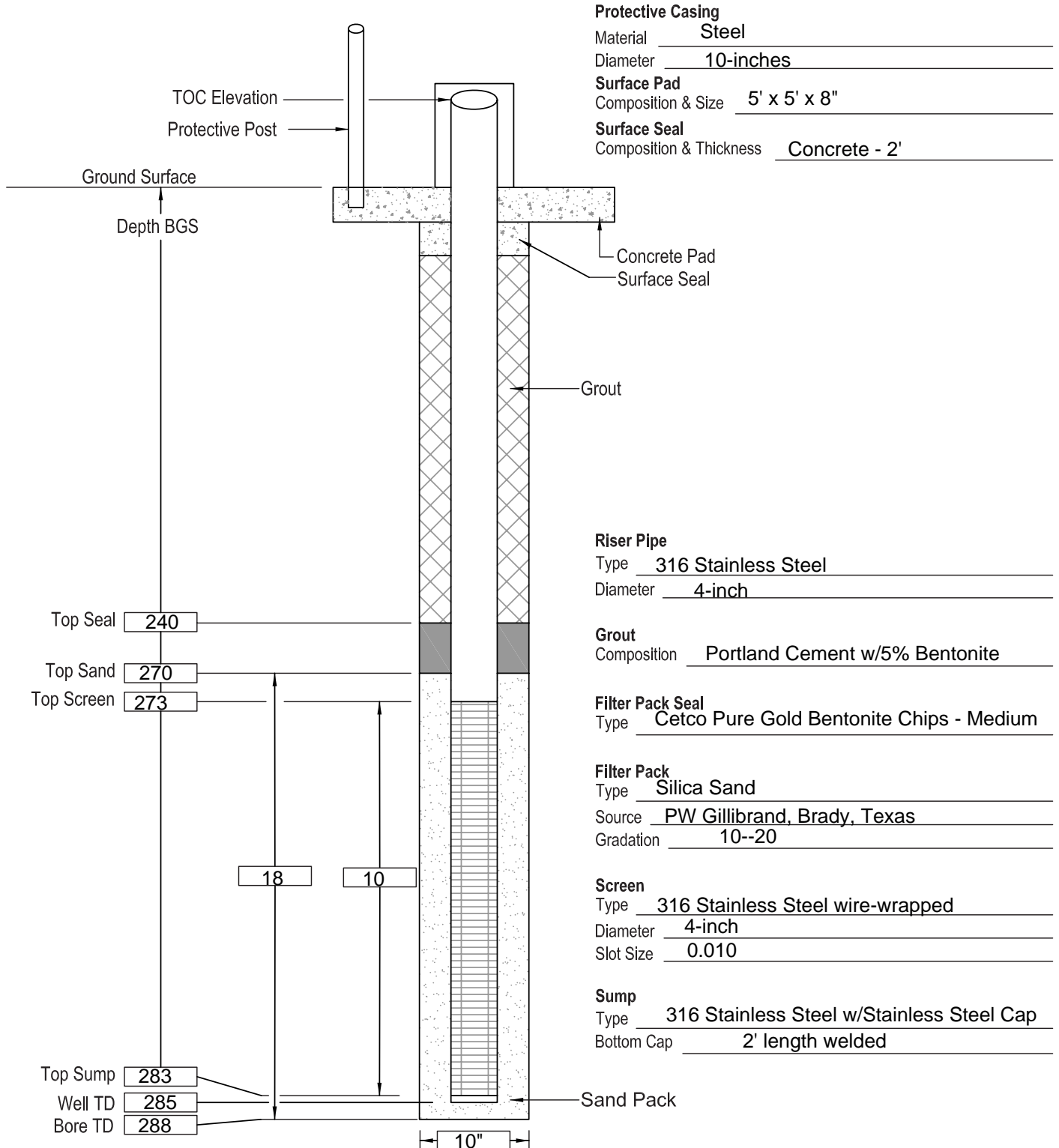


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750753.45 E649740.82
 TOC Elevation: 3514.15
 Surface Elevation: 3512.06

Well No: PTX06-ISB415
 Well Type: ISB Injection
 Date Constructed: 08-26-2020
 Observed By: J Ford

Sheet 1 of 1

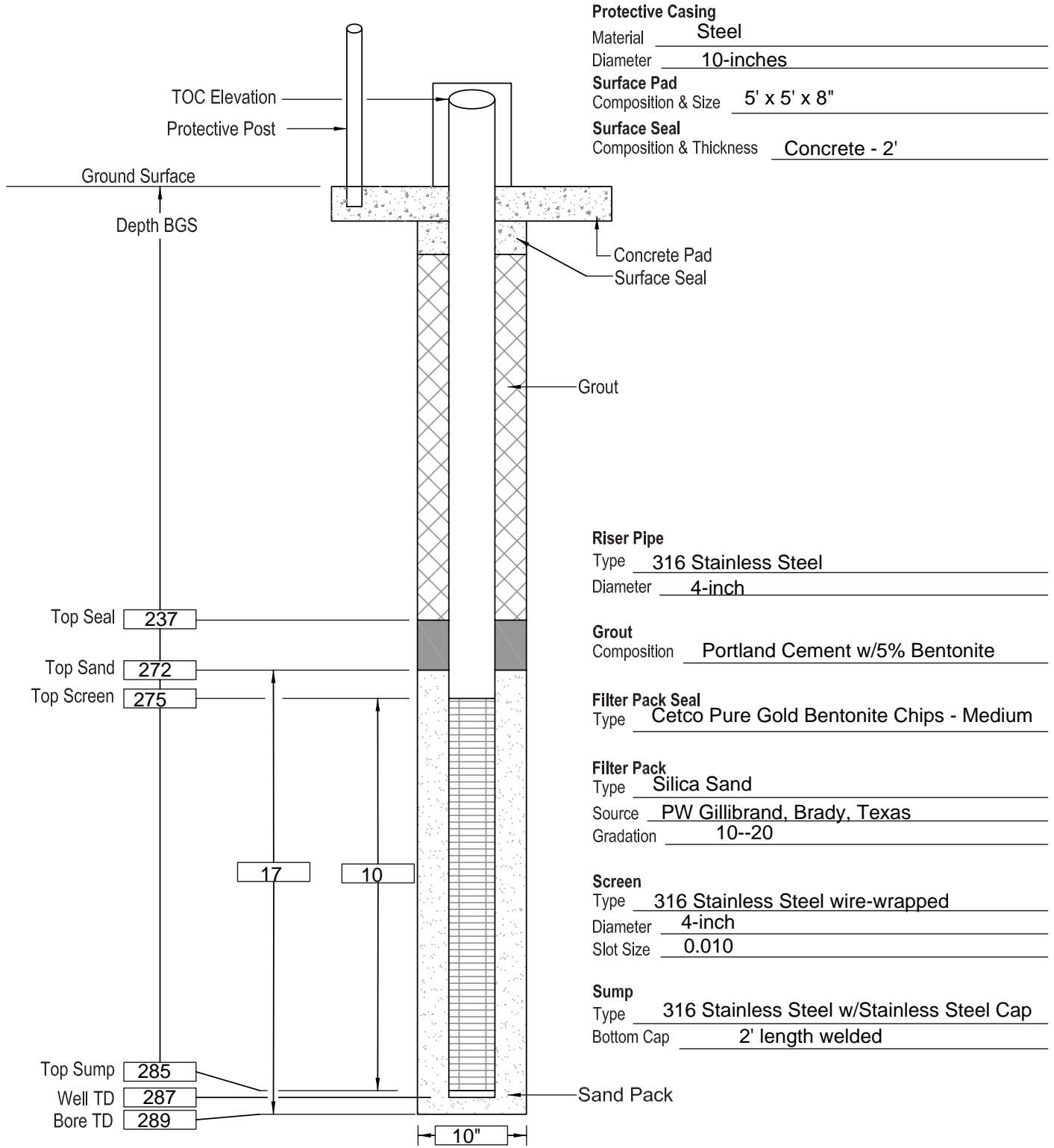


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750879.41 E649866.95
 TOC Elevation: 3514.29
 Surface Elevation: 3512.19

Well No: PTX06-ISB416
 Well Type: ISB Injection
 Date Constructed: 08-29-2020
 Observed By: J Ford

Sheet 1 of 1

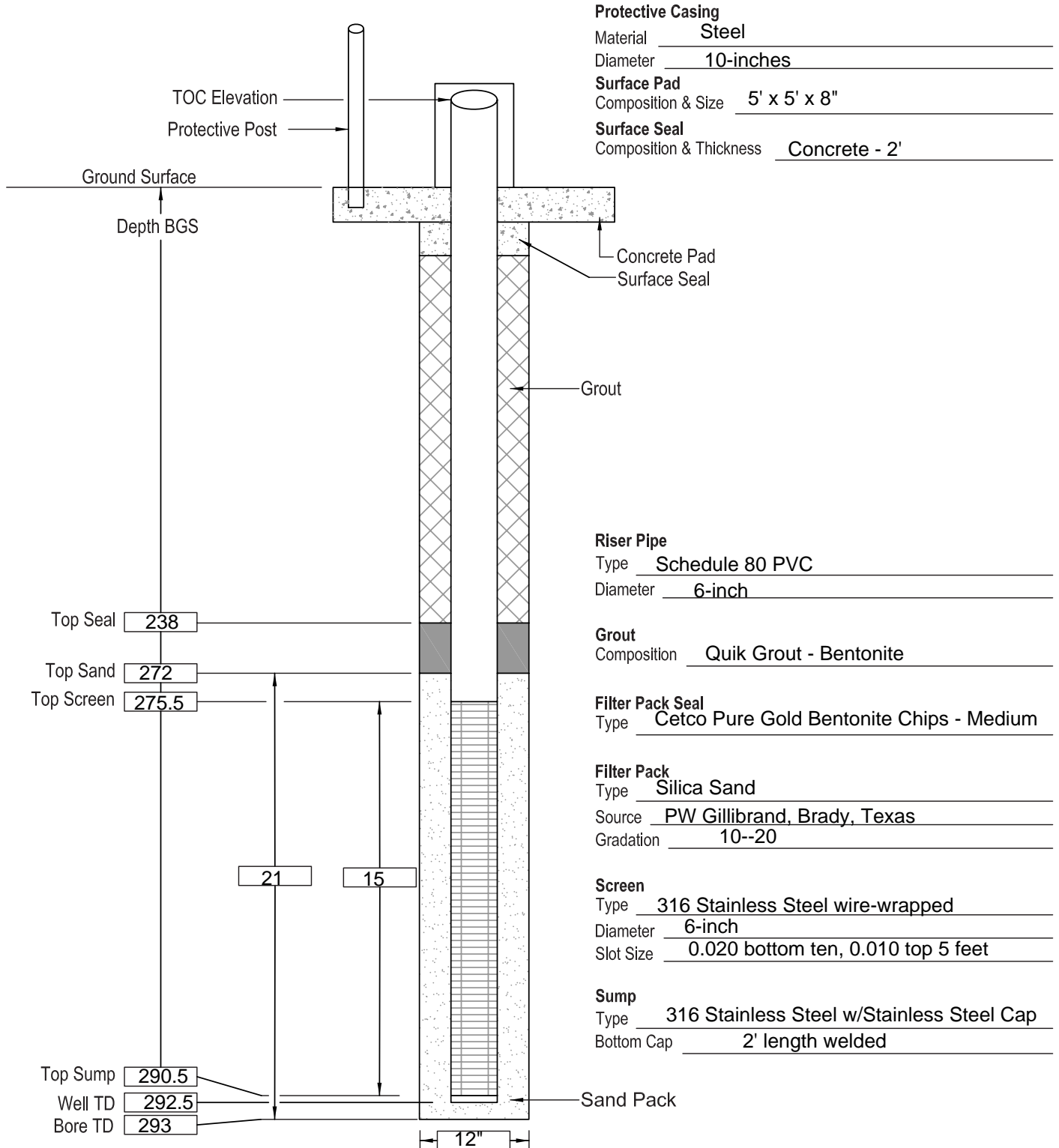


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750765.90 E649249.28
 TOC Elevation: 3515.00
 Surface Elevation: 3513.00

Well No: PTX06-MEW-401
 Well Type: Extraction
 Date Constructed: 08-21-2020
 Observed By: J Ford

Sheet 1 of 1

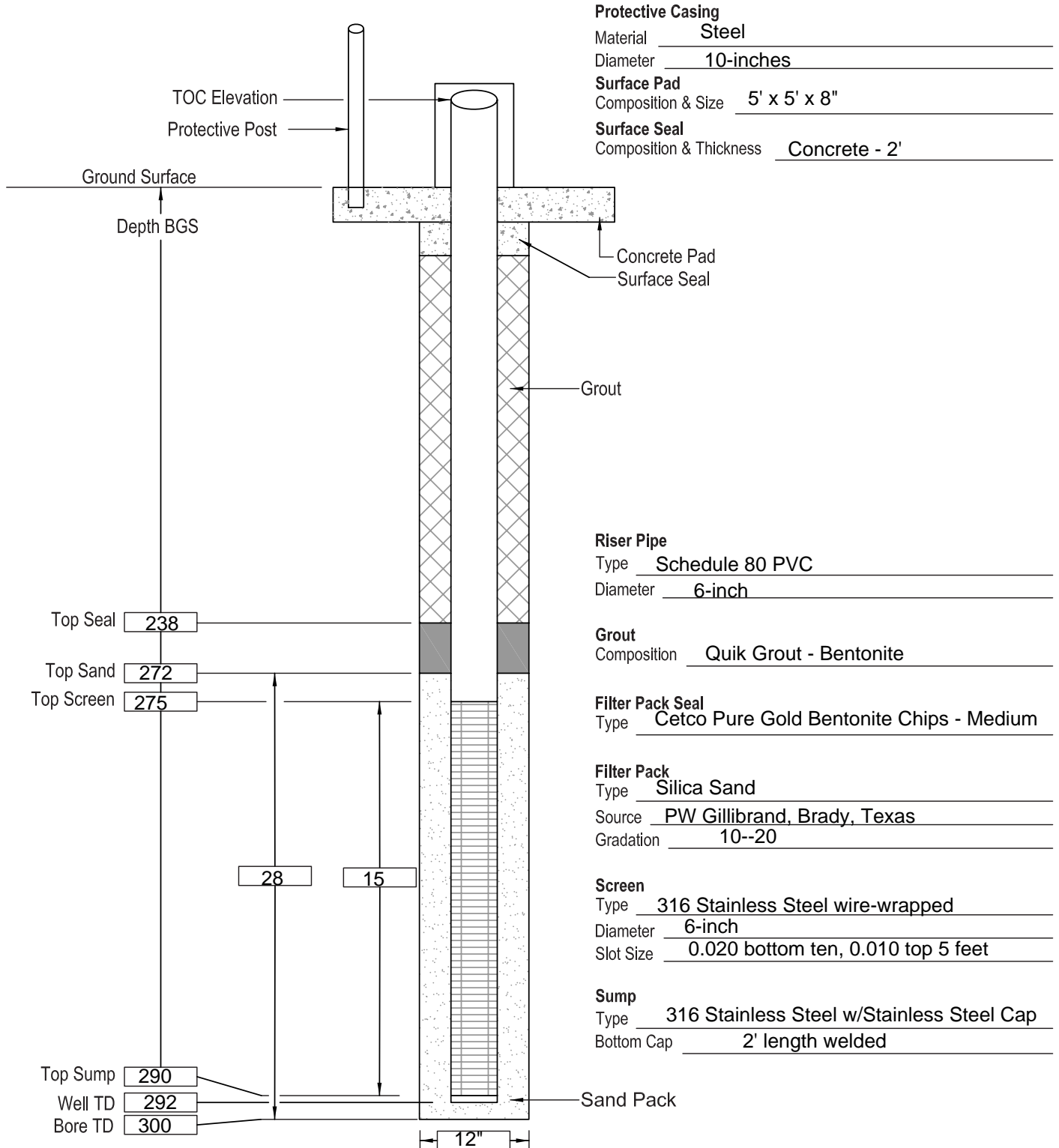


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750861.97 E649411.98
 TOC Elevation: 3514.99
 Surface Elevation: 3513.05

Well No: PTX06-MEW-402
 Well Type: Extraction
 Date Constructed: 09-14-2020
 Observed By: J Ford

Sheet 1 of 1

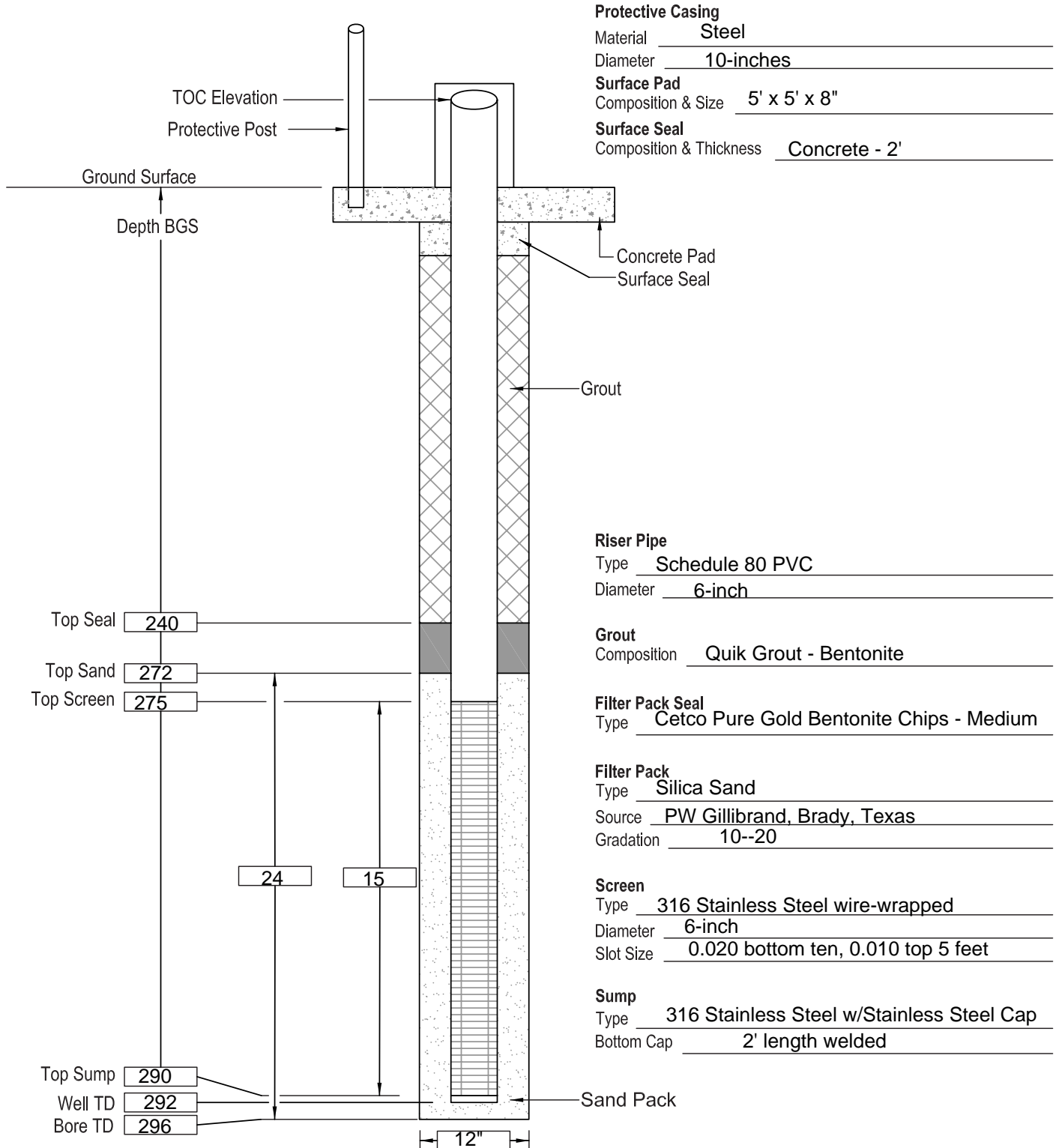


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750870.15 E649523.62
 TOC Elevation: 3514.80
 Surface Elevation: 3512.79

Well No: PTX06-MEW-403
 Well Type: Extraction
 Date Constructed: 09-22-2020
 Observed By: J Ford

Sheet 1 of 1

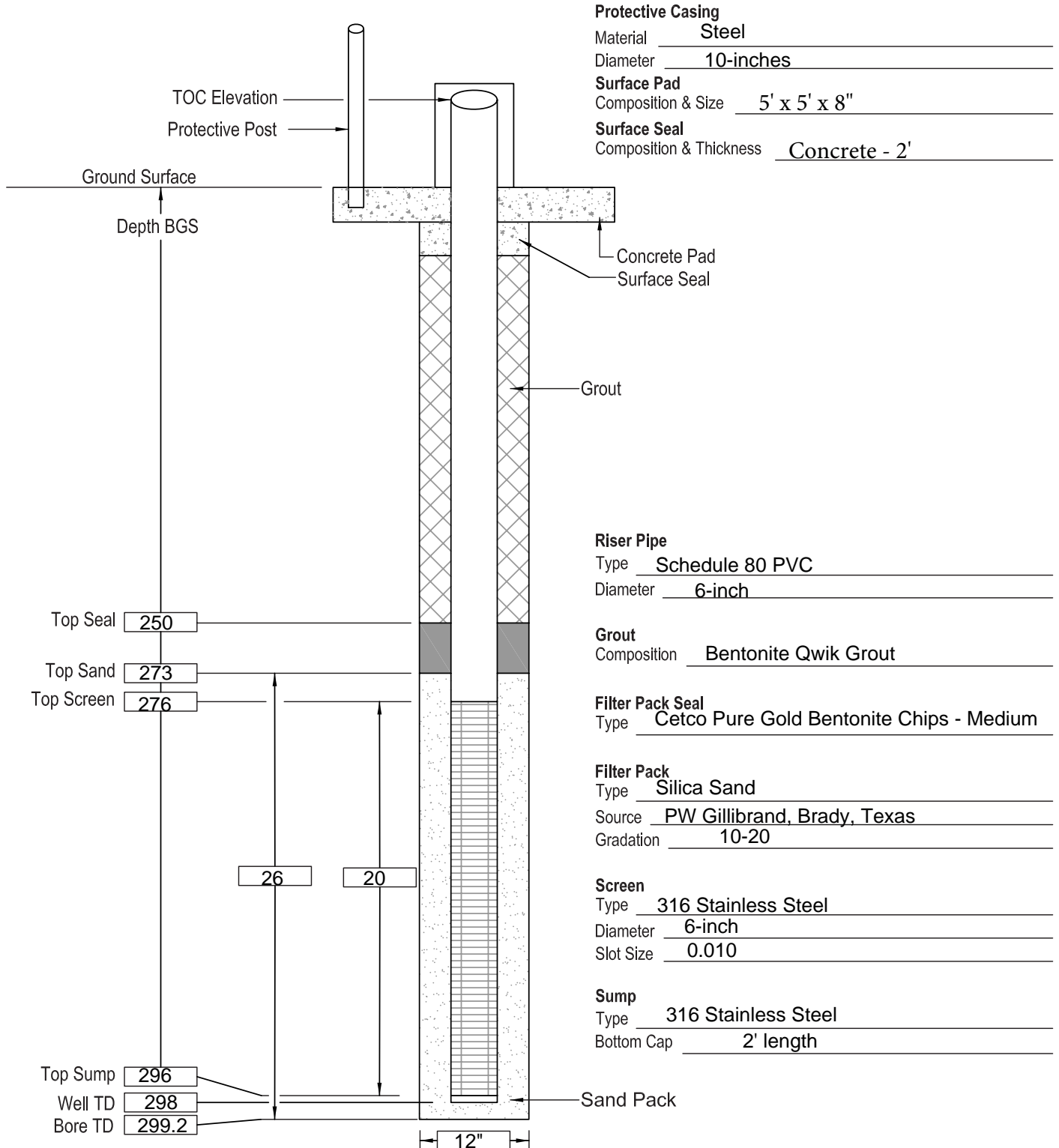


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farms
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749068.08 E651032.66
 TOC Elevation: 3509.83
 Surface Elevation: 3507.74

Well No: PTX06-REC-401A
 Well Type: Extraction
 Date Constructed: 5-2-2020
 Observed By: R Hill

Sheet 1 of 1

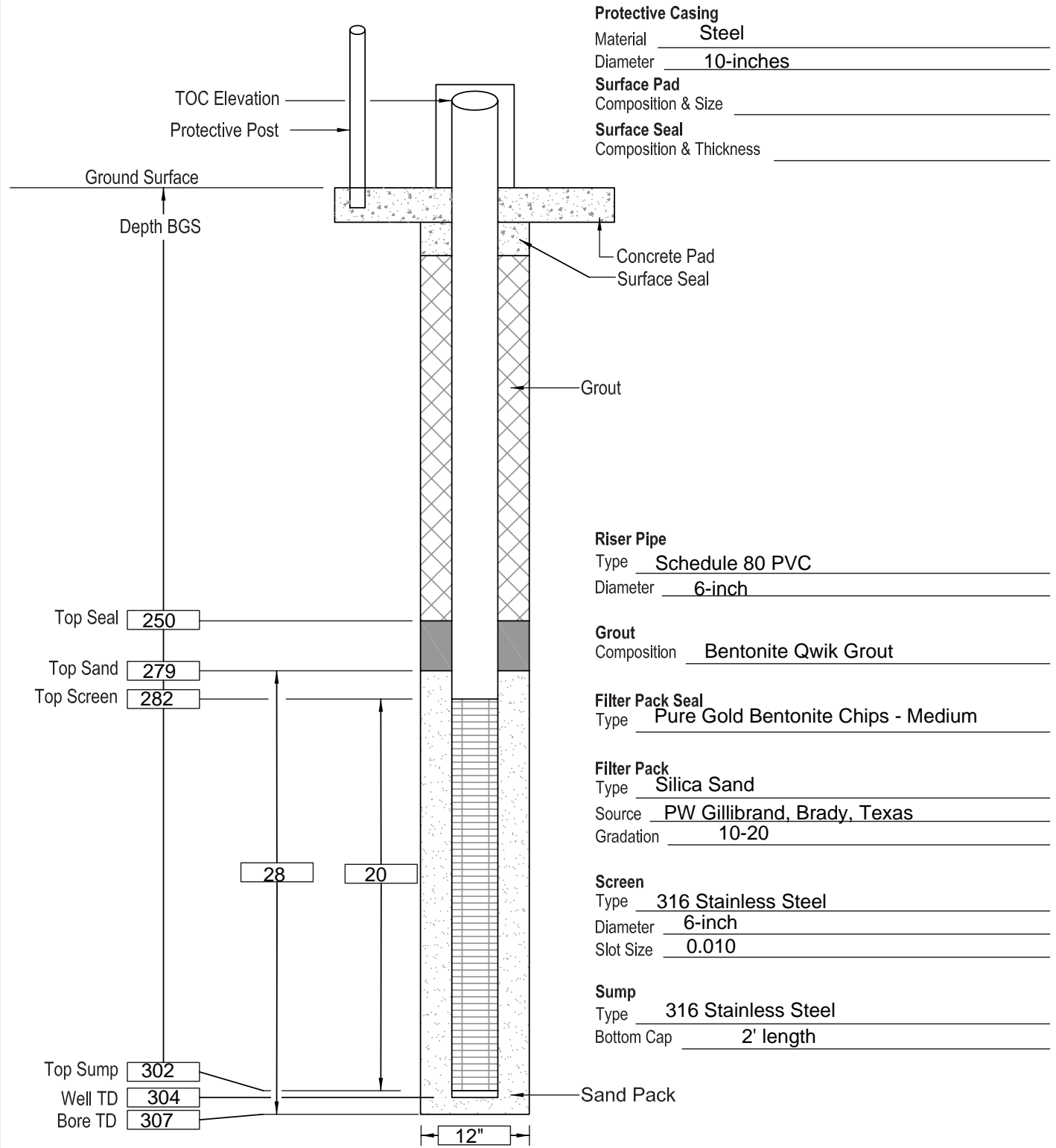


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farms
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749013.99 E651188.55
 TOC Elevation: 3509.52
 Surface Elevation: 3507.49

Well No: PTX06-REC-402
 Well Type: Extraction
 Date Constructed: 6-16-2020
 Observed By: J Ford

Sheet 1 of 1

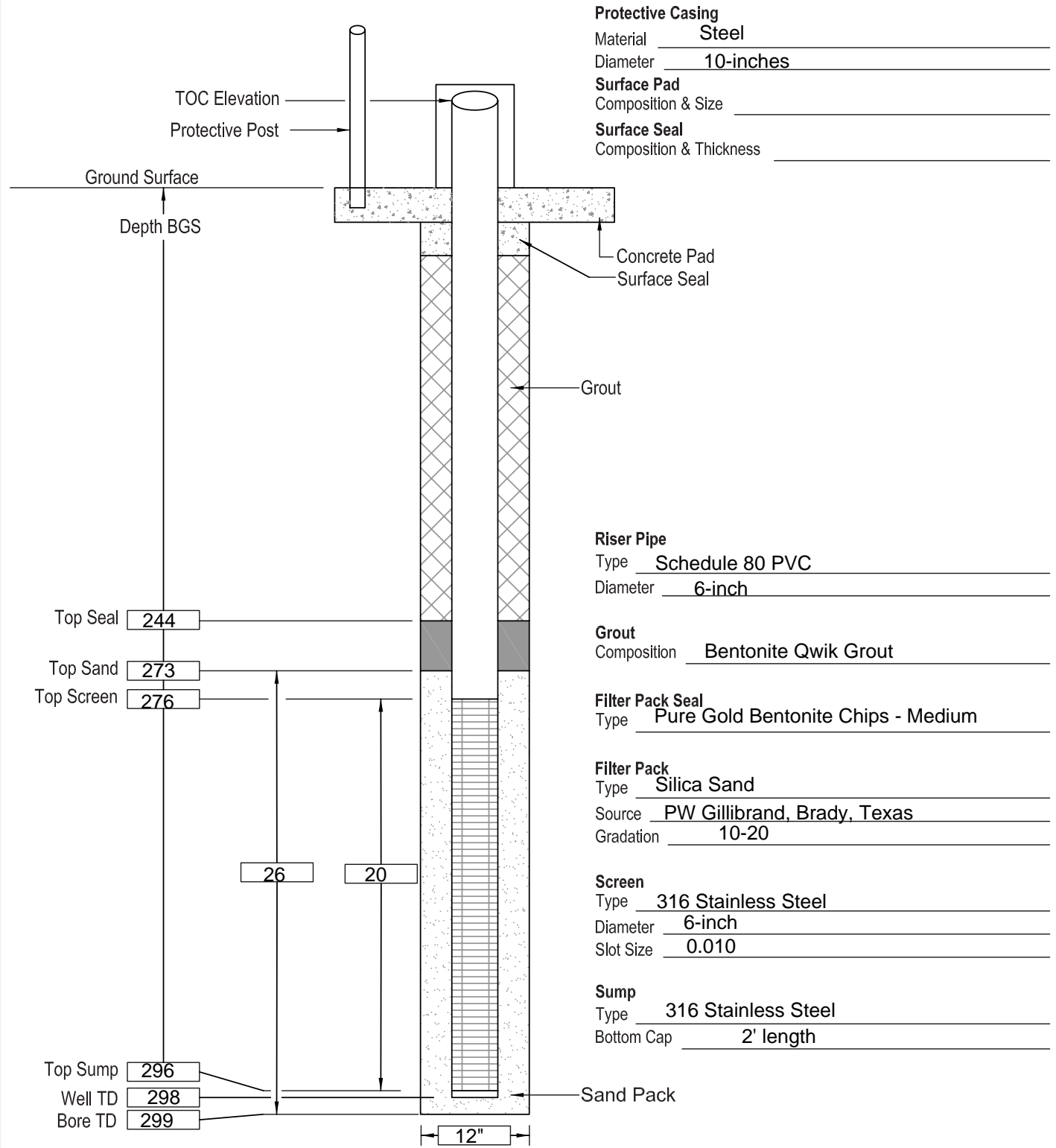


Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farms
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749064.42 E651274.87
 TOC Elevation: 3509.48
 Surface Elevation: 3507.47

Well No: PTX06-REC-403
 Well Type: Extraction
 Date Constructed: 6-1-2020
 Observed By: R Hill

Sheet 1 of 1



Protective Casing

Material Steel
 Diameter 10-inches

Surface Pad

Composition & Size _____

Surface Seal

Composition & Thickness _____

Riser Pipe

Type Schedule 80 PVC
 Diameter 6-inch

Grout

Composition Bentonite Qwik Grout

Filter Pack Seal

Type Pure Gold Bentonite Chips - Medium

Filter Pack

Type Silica Sand
 Source PW Gillibrand, Brady, Texas
 Gradation 10-20

Screen

Type 316 Stainless Steel
 Diameter 6-inch
 Slot Size 0.010

Sump

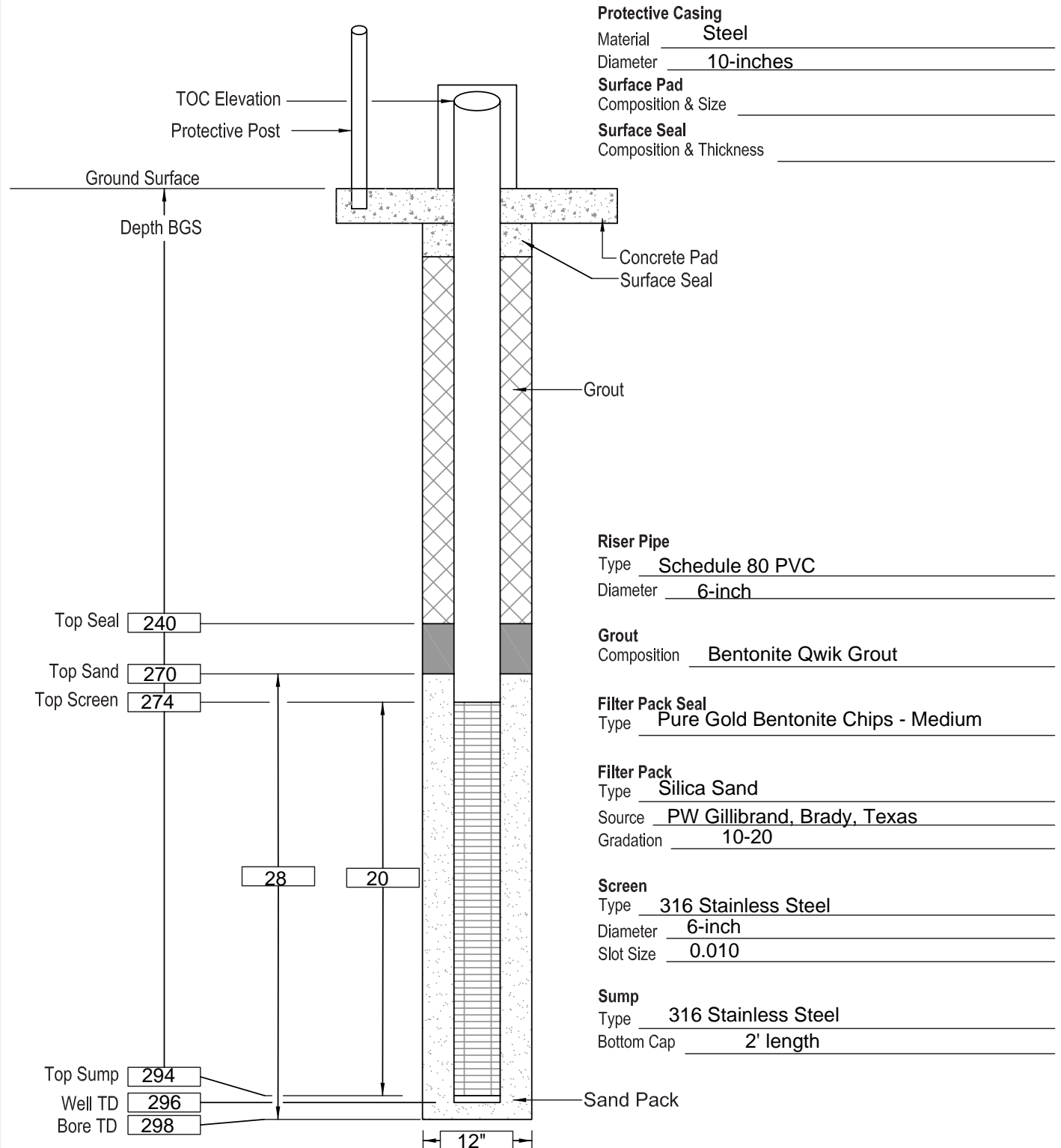
Type 316 Stainless Steel
 Bottom Cap 2' length

Well Installation Diagram

Project: BOA 103 - Rel. 1
 Location: Gehm Farms
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3749115.24 E651363.17
 TOC Elevation: 3509.71
 Surface Elevation: 3507.68

Well No: PTX06-REC-404
 Well Type: Extraction
 Date Constructed: 6-14-2020
 Observed By: J Ford

Sheet 1 of 1

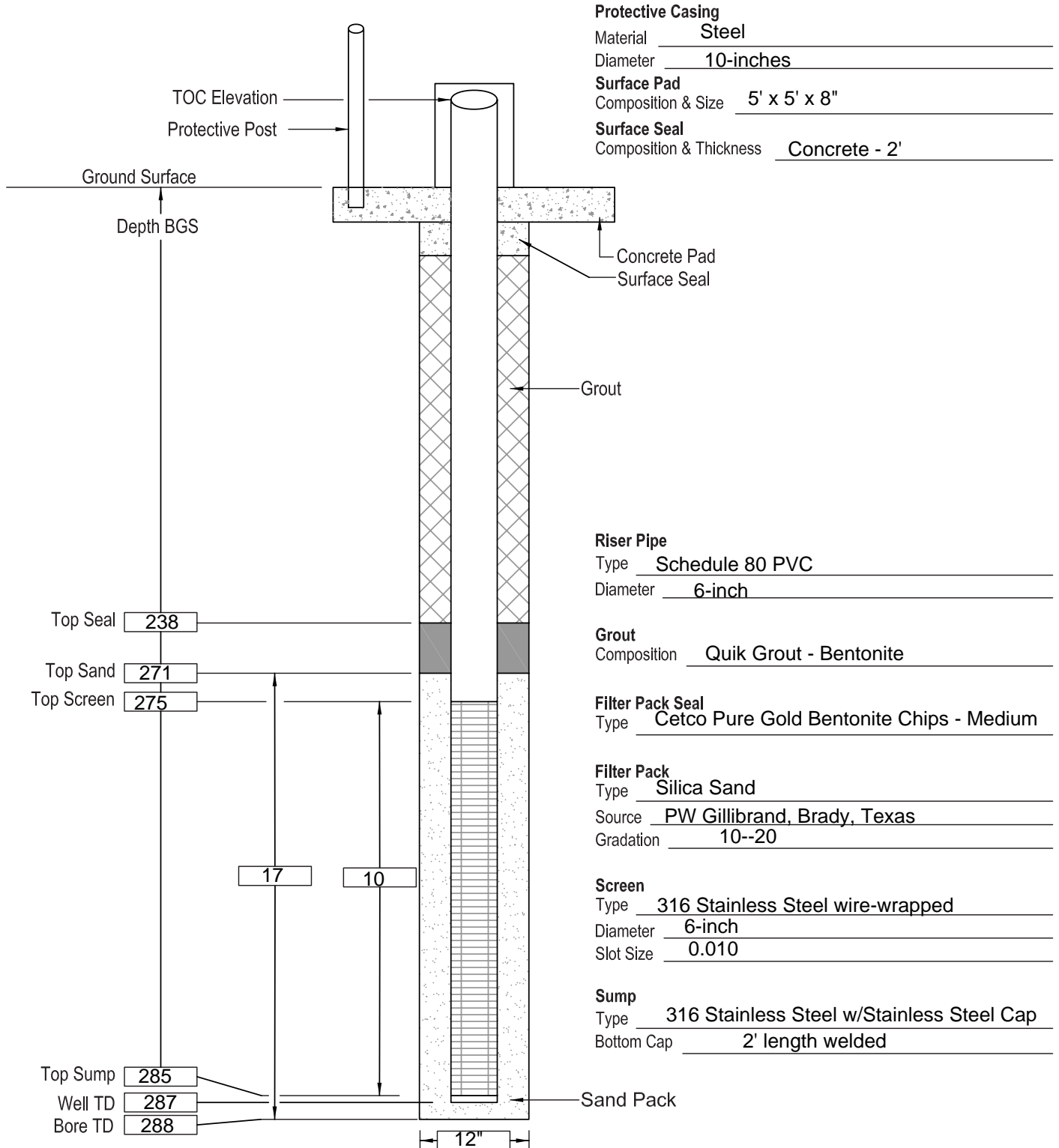


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750342.11 E649666.01
 TOC Elevation: 3513.43
 Surface Elevation: 3511.42

Well No: PTX06-REC-405
 Well Type: Extraction
 Date Constructed: 09-10-2020
 Observed By: J Ford

Sheet 1 of 1

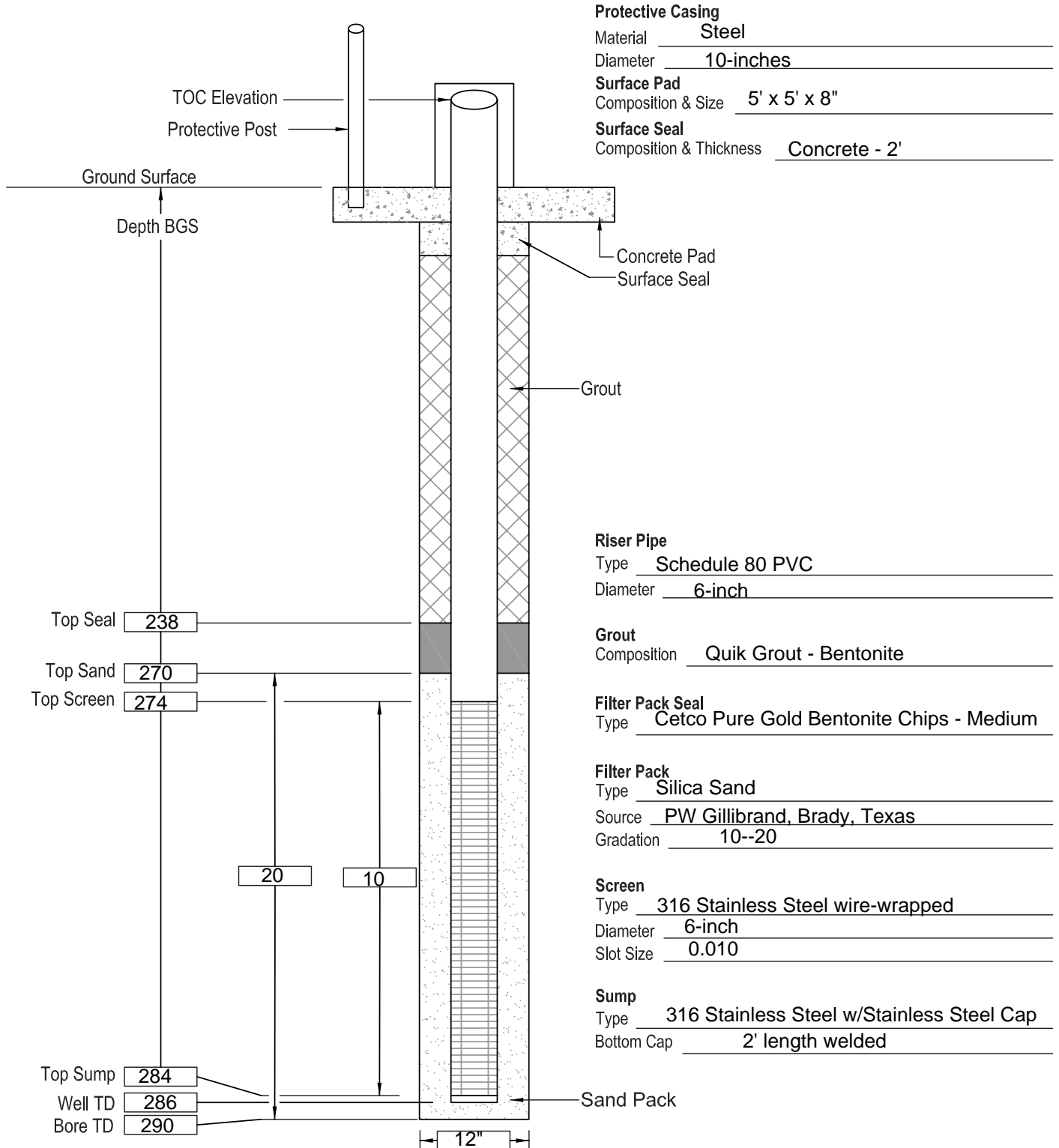


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750408.10 E649732.34
 TOC Elevation: 3513.20
 Surface Elevation: 3511.16

Well No: PTX06-REC-406
 Well Type: Extraction
 Date Constructed: 09-02-2020
 Observed By: J Ford

Sheet 1 of 1

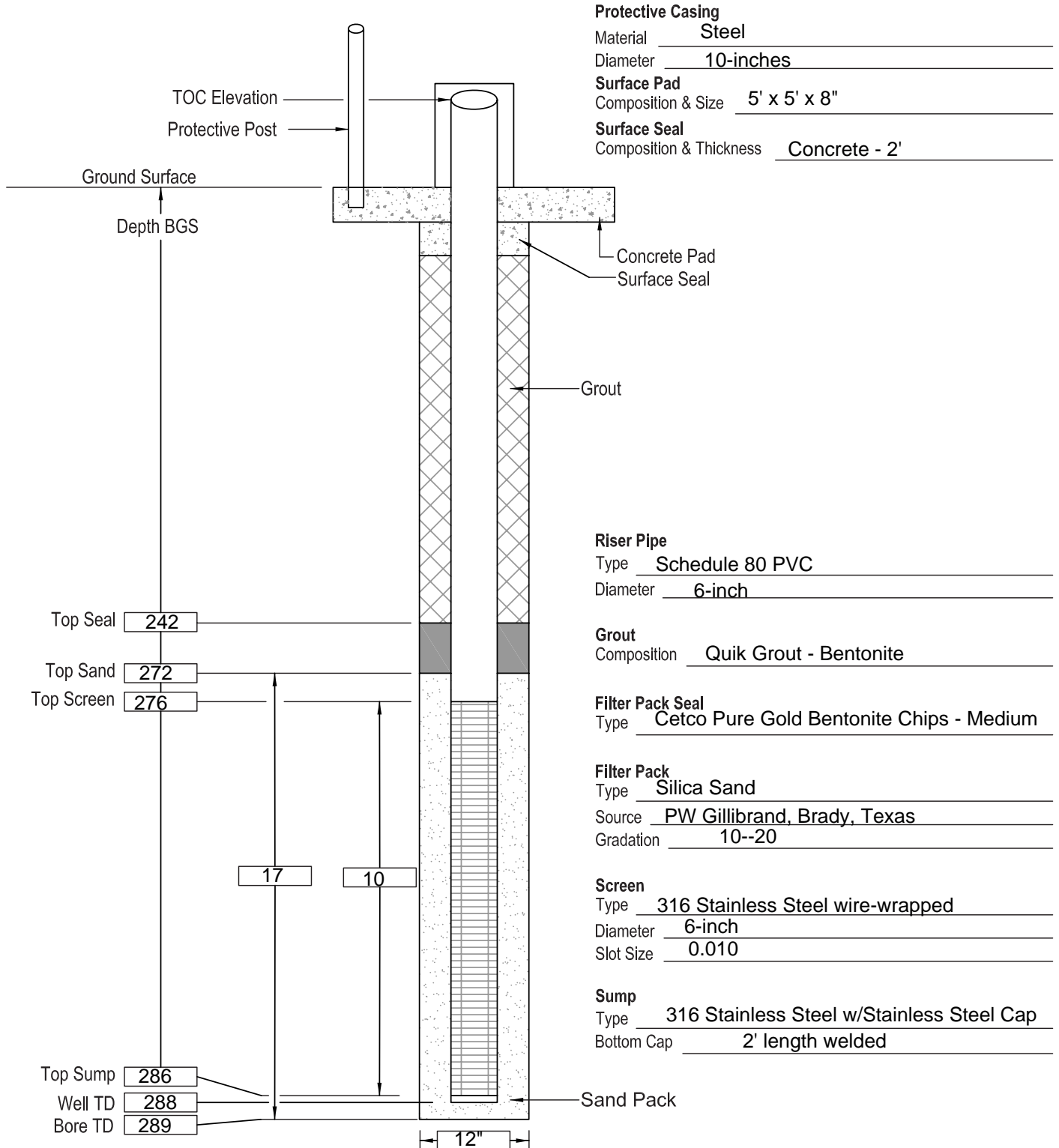


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750498.69 E649808.08
 TOC Elevation: 3513.13
 Surface Elevation: 3511.04

Well No: PTX06-REC-407
 Well Type: Extraction
 Date Constructed: 07-26-2020
 Observed By: R Hill

Sheet 1 of 1

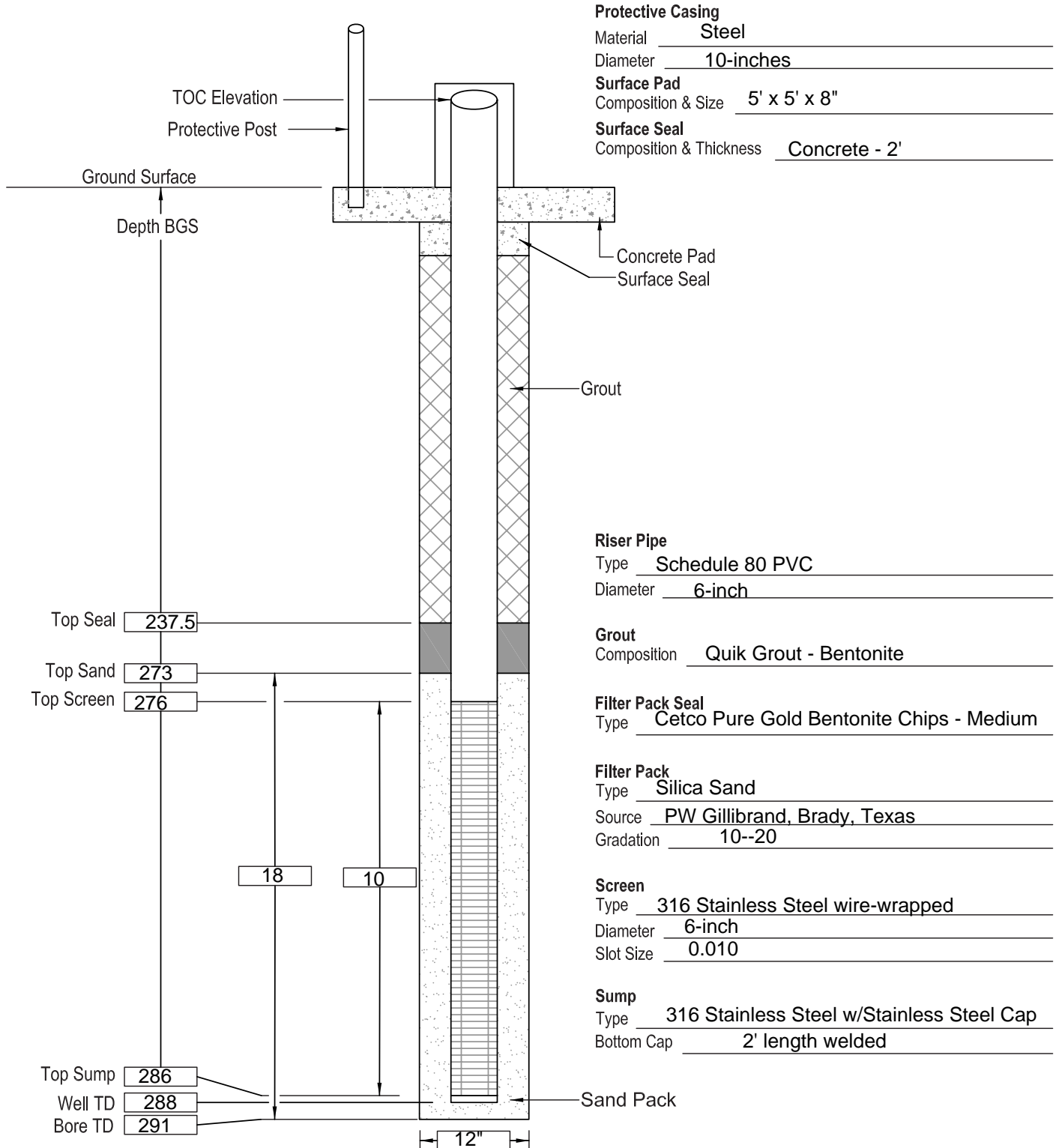


Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750592.25 E64980535
 TOC Elevation: 3513.19
 Surface Elevation: 3511.15

Well No: PTX06-REC-408
 Well Type: Extraction
 Date Constructed: 07-29-2020
 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 Schedule 80 PVC
 Diameter 6-inch

Grout
 Composition Quik Grout - Bentonite

Filter Pack Seal
 Type Cetco Pure Gold Bentonite Chips - Medium

Filter Pack
 Type Silica Sand
 Source PW Gillibrand, Brady, Texas
 Gradation 10--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 welded

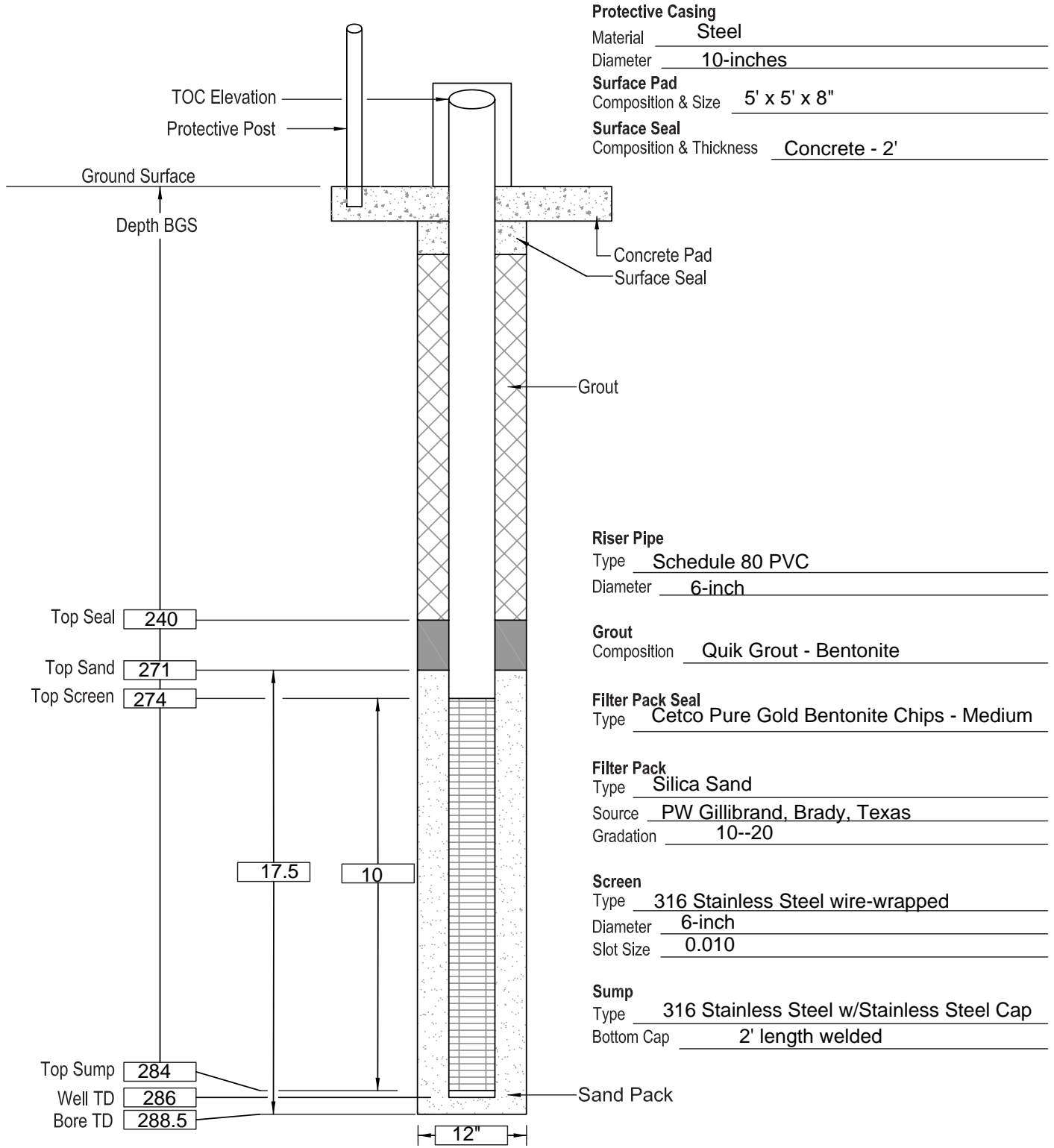
Sand Pack

Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750677.72 E649883.64
 TOC Elevation: 3512.96
 Surface Elevation: 3510.88

Well No: PTX06-REC-409
 Well Type: Extraction
 Date Constructed: 08-07-2020
 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 Schedule 80 PVC
 Diameter 6-inch

Grout
 Composition Quik Grout - Bentonite

Filter Pack Seal
 Type Cetco Pure Gold Bentonite Chips - Medium

Filter Pack
 Type Silica Sand
 Source PW Gillibrand, Brady, Texas
 Gradation 10--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 welded

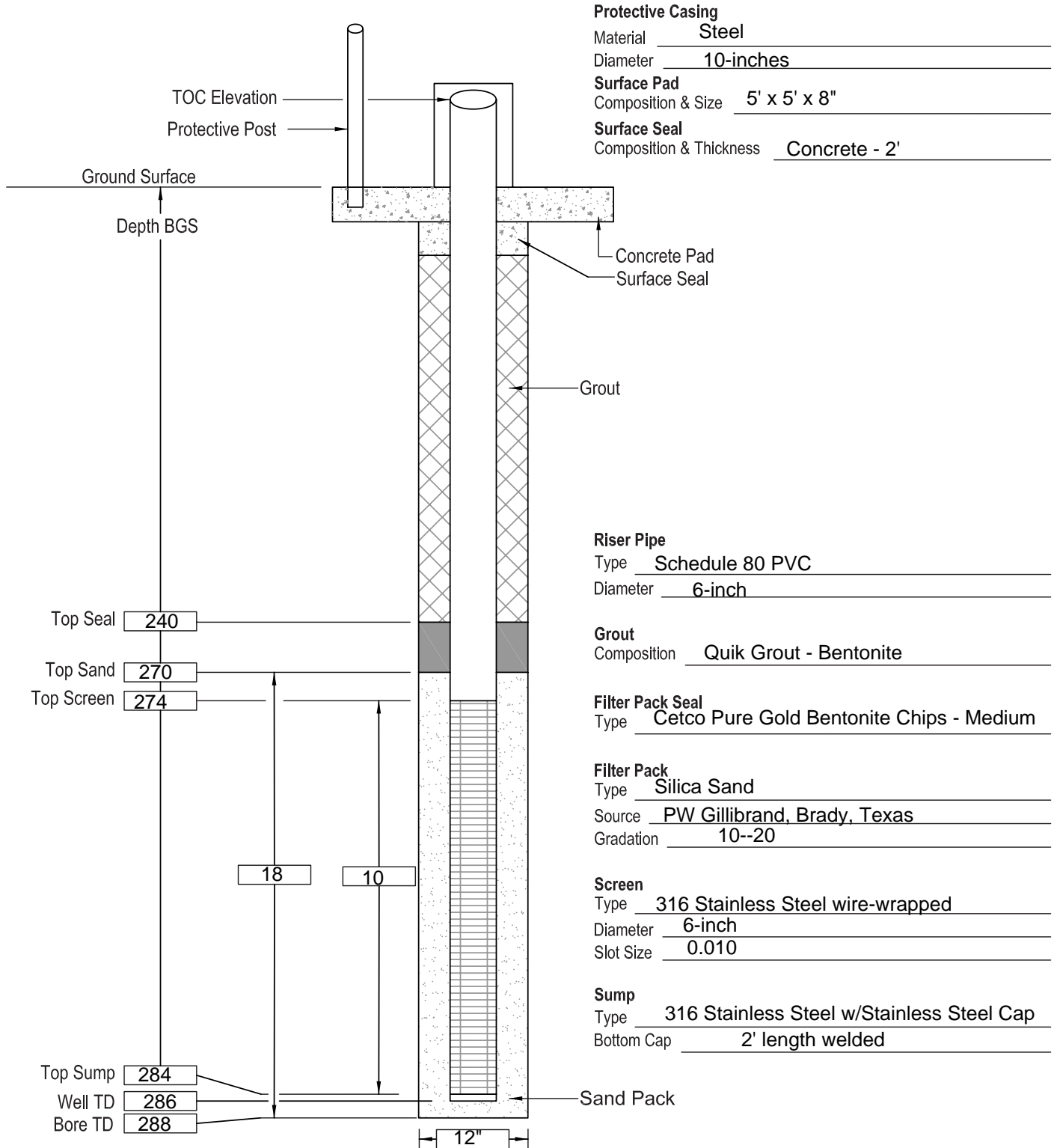
Sand Pack

Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750742.93 E649942.73
 TOC Elevation: 3513.14
 Surface Elevation: 3511.07

Well No: PTX06-REC-410
 Well Type: Extraction
 Date Constructed: 08-09-2020
 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 Cetco Pure Gold Bentonite Chips - Medium

Filter Pack
 Type Silica Sand
 Source PW Gillibrand, Brady, Texas
 Gradation 10--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 welded

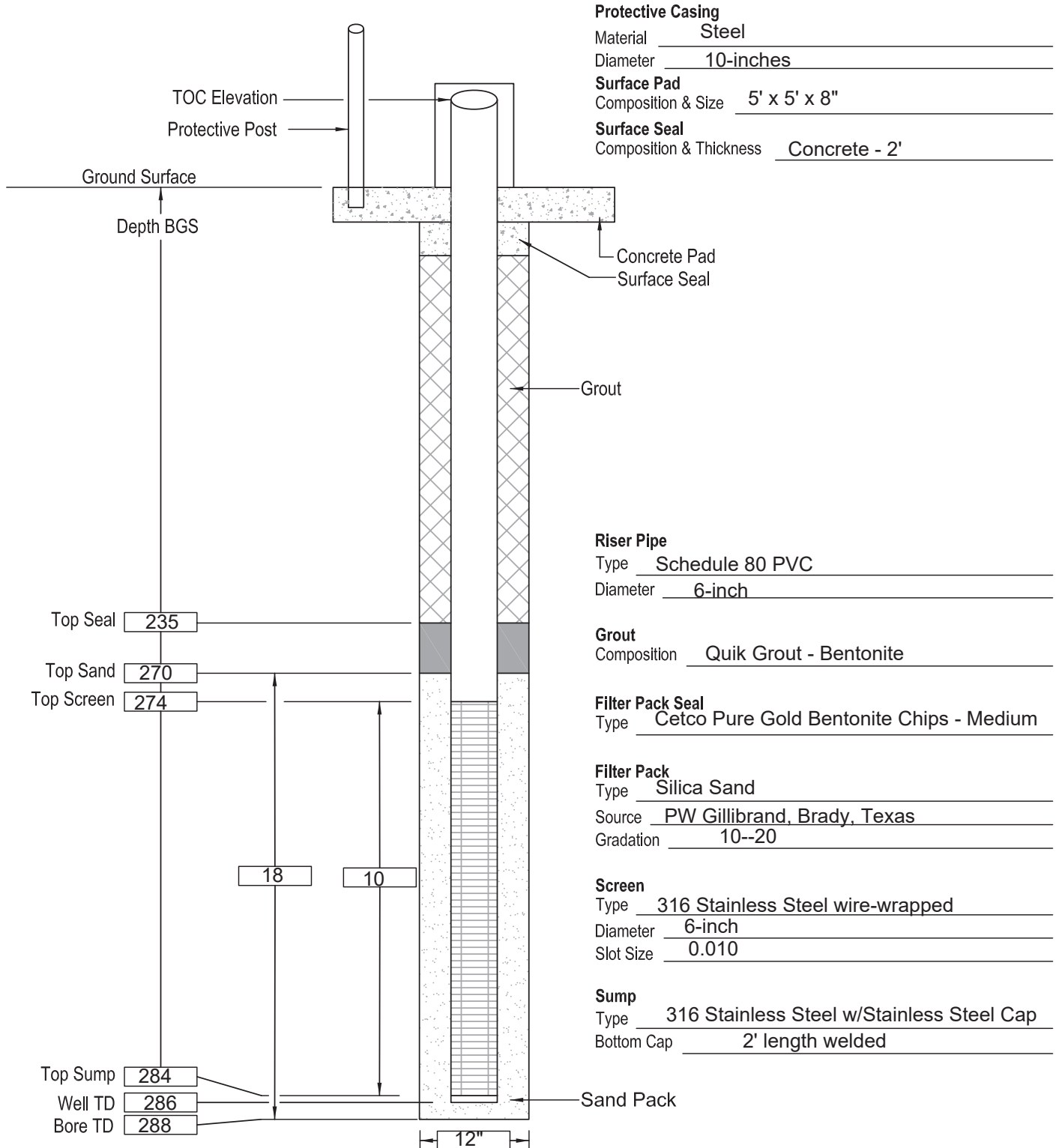
Sand Pack

Well Installation Diagram

Project: BOA 103 - Rel. 2
 Location: Gehm Farm
 Contractor: ARS Aleut Remediation
 Driller: Cascade
 Well Coordinates: N3750822.9 E650016.4
 TOC Elevation: 3513.45
 Surface Elevation: 3511.27

Well No: PTX06-REC-411
 Well Type: Extraction
 Date Constructed: 08-11-2020
 Observed By: J Ford

Sheet 1 of 1



Appendix H
Implementation and Maintenance
Reports for Remedial Actions

List of Reports

Final Well Maintenance Report. Southeast In-Situ Bioremediation System Extension. Pantex Plant, Amarillo, Texas. October 2, 2020.

Post Injection Report. Southeast In-Situ Bioremediation Extension System. July to August 2020. Pantex Plant, Amarillo, Texas. December 8, 2020.

Final Well Maintenance Report. Zone 11 In-Situ Bioremediation System. Pantex Plant, Amarillo, Texas. November 2, 2020.

Post Injection Report. Zone 11 In-Situ Bioremediation System. August to December 2020. Pantex Plant, Amarillo, Texas. February 1, 2021.

Implementation Report Perched Aquifer Remedial Actions. Pantex Plant. December 2019 – November 2020.

Implementation Report Perched Aquifer Remedial Actions Southeast of Pantex Plant at Gehm Farm + SE ISB Extension. April – November 2020.

Reports available by request. Email ERProgramAdminRecord@cns.doe.gov for information.